2023 SCHEDULE

OF VALUES, STANDARDS AND RULES: MARKET VALUE

HENDERSON COUNTY, NORTH CAROLINA

Submitted by: Darlene Burgess, Tax Administrator
Date Submitted: October 3, 2022
Date Effective: January 1, 2023

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Prepared and Presented by
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Henderson County Tax Administrator

to the

Henderson County Board of Commissioners

William Lapsley, Chairman
Rebecca McCall, Vice-Chairman
Daniel Andreotta, Commissioner
J. Michael Edney, Commissioner
David Hill, Commissioner

Adopted:

_____
Date

Signed:

_____
Chairman, Henderson County Board of Commissioners

Foreword

This document describes the methodology and procedures used in appraising real property within Henderson County as of January 1, 2023, the effective date of the County's 2023 Reappraisal.

State law (NCGS 105 §105-283) provides that real property must be valued at its "true value in money", also known as "fair market value". The statute defines true value in money as *"…the price in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or to sell and both having reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used*."

The Schedule of Values establishes the base rates and ranges for all types of property and once adopted by our Board of Commissioners, will be in effect from January 1, 2023, until the next Reappraisal. It includes the adjustments that may be used for various types of construction, market conditions, and valuation schedules for land. The tables, rates and ranges found in this Schedule of Values are only guidelines. On a property-by-property basis, appraisers have the flexibility to adjust rates in order to appraise individual properties at market value and establish equitable and uniform values for all types of property.

Acknowledgements

We wish to extend our appreciation to the following persons and/or firms who contributed to the completion of Henderson County's 2023 Reappraisal:

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Henderson County's Real Property Appraisal Staff:

Thomas Cannon, Real Property Administrator	Amber Hunter, Commercial Appraiser
Austin Bryan, Real Property Appraiser I	Heidi Jansen, Real Property Appraiser II
William Crumpler, Real Property Appraiser II	Tyler Mundy, Real Property Appraiser I
Kendall Deckard, Tax Data Analyst	Andrew Nicholson, Real Property Appraiser I
Benjamin Dowling, Real Property Appraiser I	Kevin Reid, Real Property Appraiser I
Andrew Freeman, Real Property Appraiser I	Vacant, Customer Service Specialist

Henderson County Administration
Henderson County Board of Commissioners
Henderson County Board of Equalization & Review

Guidance, resources, and materials used to produce this Schedule of Values are provided by various outside sources. We wish to extend our appreciation to the following organizations: the North Carolina Department of Revenue, International Association of Assessing Officers (IAAO), the Appraisal Institute, The Appraisal Foundation (USPAP), UNC-CH School of Government, the North Carolina Association of Assessing Officers (NCAAO), Canopy MLS, North Carolina Department of Commerce, and Marshall & Swift Valuation Services.

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Executive Summary

When you see local law enforcement, an ambulance, or the fire department in action, visit a public park, send your children to public school, check out a book at the library, or eat at an inspected restaurant, you are using services paid for by our local property tax. Property taxes also pay for services to help people move from welfare to work, protect children and senior citizens from abuse and neglect, and much more. Property taxes are the largest source of revenue to fund the many services we count on each day. During Fiscal Year 2023, property tax accounts for an estimated 53% of the County's total operating budget[1]. North Carolina imposes an *ad valorem* tax, meaning that the property tax burden is distributed amongst the county's citizenry according to the value of the taxpayer's property. While the local Board of Commissioners is responsible for establishing the annual tax rate, the Assessor is responsible for establishing the assessed value of most types of properties within the County.

The County's tax base is comprised of personal property, public service companies, registered motor vehicles and real property. Real property is by far the largest category of taxable property, comprising approximately 86% of the County's total property tax base. Henderson County currently has approximately 69,433 real property parcels, approximately 68% of which are improved and approximately 32% of which are vacant.

Reappraisals measure the change in market value and are important because they help ensure that all properties are valued and taxed equitably. The process provides a basis for determining an owner's share of services funded by property taxes. North Carolina law (NCGS 105-286) provides that real property is to be reappraised at least once every eight years. Pursuant to a Board Resolution effective January 1, 1995, Henderson County conducts a Reappraisal of real property every four years. More frequent reappraisals promote a fair and equitable property tax program by reducing inequity that may occur over time as economic changes affect property values.

Henderson County continues to enjoy an active and healthy real estate market. A review of certain economic indicators corroborates confidence that Henderson County's economy is thriving. Consider the following:

- The median home price is an important economic indicator and is derived from the local real estate market. Home values vary from location to location.   Median means "in the middle"; the *median* (rather than *average*) price is used because this statistic is less at risk of being influenced by properties on either extreme end of the pricing spectrum (i.e., very high-priced homes and very low-priced homes). The median home price does not necessarily represent the average home value for all homes within the County. Regarding homes that have sold, the median price expresses that half of those homes sold above the median price and half of those homes sold below the median price. According to MLS, as of July 2022, the median home price for a single-family home in Henderson County is $395,000. The median home price for a single-family home in Henderson County at the time of the County's last reappraisal (2019) was $271,128.[2] This increase concurs with increases experienced in the counties that border Henderson County. MLS data suggests that the median sales price of condominiums and townhomes has increased across the area. *Table 1* below depicts historical data from 2008 – July of 2022 about median sales prices, average days on the market and the current inventory of homes for sale[3].

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[1] Henderson County FY2023 Budget Ordinance
[2] Source: Henderson County data obtained from Canopy MLS Statistical Analysis Module (SAM)
[3] Source: Henderson County data obtained from Canopy MLS Statistical Analysis Module (SAM)

Table 1: MLS Historical Data 2008 – 2022 (Highlighted rows indicate the years when a Reappraisal was performed)

	SINGLE FAMILY DWELLING			CONDO - TOWNHOMES			ALL PROPERTY TYPES		
HISTORY OF HENDERSON COUNTY MEDIAN HOME PRICES									
Year	**Median Sales Price**	**Average Days on Market**	**Months Supply**	**Median Sales Price**	**Average Days on Market**	**Months Supply**	**Median Sales Price**	**Average Days on Market**	**Months Supply**
2022 July	$395,000	22	1.4	$286,000	31	1.4	$350,000	44	3.7
2022 June	$388,500	22	1.4	$285,000	30	1.5	$345,000	45	4.1
2022 Jan	$363,000	30	1.5	$270,325	31	1.6	$287,000	58	6.7
2021	$325,000	54	2.8	$231,250	46	2.0	$287,000	74	6.7
2020	$286,250	63	4.5	$210,000	55	2.6	$260,000	81	9.2
2019	$271,128	56	4.2	$189,000	44	2.7	$242,000	75	8.9
2018	$250,000	65	4.2	$181,125	43	2.0	$224,700	79	9.0
2017	$229,500	69	4.6	$161,500	51	2.5	$203,000	82	9.6
2016	$219,700	119	6.9	$162,500	100	4.1	$192,000	126	12.5
2015	$200,000	143	9.3	$155,000	156	7.7	$177,500	158	16.0
2014	$192,500	143	10.7	$133,000	174	11.7	$169,000	160	19.7
2013	$183,500	158	12.5	$137,500	199	17.8	$165,000	166	23.8
2012	$174,500	177	15.5	$131,250	219	22.4	$160,000	184	29.1
2011	$190,000	171	15.9	$155,000	209	16.1	$175,000	180	27.7
2010	$198,000	148	12.9	$149,450	166	14.6	$175,000	157	22.4
2009	$220,000	133	4.4	$148,405	110	4.3	$187,500	132	6.2
2008	$232,000	96	2.8	$155,600	83	3.6	$195,000	108	3.3

- The percentage of distressed sales have decreased from 2% in 2019 to 1.2% as of at the end of the second quarter of 2022[4]. Distressed sales include properties that are either in foreclosure, short sale or represent real estate owned by financial institutions.
- The inventory of available properties has decreased significantly since the 2019 Reappraisal. In 2019, the inventory for single-family homes was 4.2 months and for condominiums and townhomes, 2.7 months. As of July 2022, the inventory for both categories has decreased to 1.4 months.[5]
- The average days on the market for single family homes continues to significantly decrease. In 2019, single family homes were on the market for an average of 56 days. Currently, the average is 22 days[6].

- Building permits for residential construction and remodels continue to rise. Building permits for commercial construction remains steady. *Table 2* below outlines building permit activity from 2008 to July of 2022[7].

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[4] Source: Henderson County data obtained from Canopy MLS Statistical Analysis Module (SAM)
[5] Source: Henderson County data obtained from Canopy MLS Statistical Analysis Module (SAM)
[6] Source: Henderson County data obtained from Canopy MLS Statistical Analysis Module (SAM)
[7] Source: Monthly reports issued by Henderson County Permits & Inspections

Table 2: Building Permit Activity
(Highlighted rows indicate the years when a Reappraisal was performed)

	RESIDENTIAL				COMMERCIAL
HISTORY OF BUILDING PERMITS ISSUED					
Fiscal Year	**New Construction Permits**	**Additions / Remodel Permits**	**Manufactured Homes**	**Total Residential Permits**	**New Construction & Addition / Remodel**
2022	873	1,039	196	2,108	269
2021	661	1,094	183	1,938	288
2020	626	976	168	1,770	257
2019	641	934	177	1,752	347
2018	776	843	133	1,752	332
2017	495	802	192	1,489	297
2016	543	728	158	1,429	313
2015	560	733	158	1,451	315
2014	381	703	111	1,195	262
2013	515	615	140	1,270	297
2012	349	534	114	997	271
2011	213	579	96	888	227
2010	270	573	110	953	215
2009	329	486	223	1,038	226
2008	799	661	221	1,681	329

- A healthy real estate market typically requires a healthy labor market. According to the North Carolina Department of Commerce, as of March of 2022, Henderson County enjoys the fifth lowest unemployment rate among North Carolina's 100 counties. In 2021, the average weekly wage for Henderson County (all industries) was $831. This is a slight increase when compared to the 2017 average weekly wage of $785.[8] Healthcare / Social Assistance, Manufacturing and Retail trade are the largest employment sectors in Henderson County. *Table 3* below depicts historical unemployment rates for Henderson County as compared to the State unemployment rate for 2008 – 2022 YTD (March 2022).

Table 3: Historical Unemployment Rates

	Henderson County	North Carolina
2022 YTD (3/30)	2.8%	3.6%
2021	5.2%	6.0%
2020	3.5%	4.1%
2019	3.8%	4.5%
2018	3.9%	4.7%
2017	3.9%	4.6%
2016	4.3%	5.1%
2015	4.8%	5.7%
2014	5.1%	6.3%
2013	6.2%	8.0%
2012	7.5%	9.3%
2011	8.5%	10.3%
2010	9.1%	10.9%
2009	8.8%	10.6%
2008	4.7%	6.1%

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[8] NC Department of Commerce County Labor Market Conditions, March, 2022

For the County's 2023 Reappraisal, the Assessor is required to analyze the real estate market as of January 1, 2023. Sales and other market indicators will continue to be monitored for the remainder of the 2022 calendar year. By ruling of the North Carolina Appellate Courts, sales occurring after January 1, 2023, are not to be considered for valuations established effective January 1, 2023. The schedules presented herein will allow us to continue examination of the market with the latest available activity occurring in calendar year 2022 and will provide accurate data as of January 1, 2023.

All appraisals, including countywide appraisals for ad valorem tax purposes, fall under the jurisdiction of the Uniform Standards of Professional Appraisal Practice (USPAP). The relevant portions have been included in the Appendix to this Schedule of Values, and which by reference are made a part of the Schedules, Standards and Rules for Market Value.

Respectfully submitted,

Darlene Burgess
Tax Administrator

Introduction

Purpose of a Reappraisal

The purpose of our local property tax program is to distribute the property tax burden amongst the County's citizens in a fair and equitable manner. The Assessor's responsibility is to produce fair, accurate and equitable assessments for all classes of taxable property.   North Carolina law provides for an *ad valorem* property tax system, meaning that property is assessed according to its true value in money.[9] The purpose of a Reappraisal is not to raise or lower taxes.   Rather, periodic Reappraisals provide a means whereby the County, using mass appraisal techniques, aligns real property assessments with 100% of the property's fair market value based on current market trends.   Real Property includes land, buildings, structures, and improvements. Market trends are established by recent real estate sales activity within the County.

North Carolina law dictates the frequency and the method for reappraising real property. NCGS 105-286 requires counties to appraise all real property at least once every eight years.   By Resolution dated November 17, 1993, Henderson County adopted a cycle whereby Reappraisals are conducted every four years beginning in 1995.

A county may conduct its reappraisal "in-house" utilizing its own appraisal staff, by hiring an outside reappraisal firm, by employing consultants to assist their staff appraisers, or by using any combination of the three. Henderson County conducts reappraisals using an in-house approach.

Scope and Purpose of this Schedule of Values

This 2023 Schedule of Values serves as a resource to tax officials as well as a guide for our citizens. Its primary purpose is to document the guidelines, methods, procedures, rules, terms, categories, and property classifications used by County appraisers to develop assessed values for real property.   The 2023 Schedule of Values reflects market conditions as of January 1, 2023, and will be used to value property until the next countywide reappraisal. Requirements and procedures for property taxation are defined in North Carolina General Statutes, Chapter 105, Subchapter II. All relevant statutes are considered a part of and are incorporated into this Schedule of Values.   Additional guidance, resources and materials used to produce this Schedule of Values include (but are not limited to) the North Carolina Department of Revenue – Local Government Division, International Association of Assessing Officers (IAAO), the Appraisal Institute, the Appraisal Foundation, UNC-CH School of Government, and the North Carolina Association of Assessing Officers (NCAAO).

Pursuant to NCGS §105-287, property values can change during a non-reappraisal year due to certain reasons, one of which are changes that are made to the property. Examples include new additions, decks, the addition of outbuildings, zoning changes, etc. The reappraisal value is the value as of January 1 of the reappraisal year. Buildings or other improvements currently under construction are appraised according to the degree of completion on January 1 of the year the building first becomes taxable.

After properties are appraised at market value, the property is assessed for taxation based on its appraised value. The assessed value of a property may be different from the appraised value because North Carolina law requires certain special classes of property to be assessed at a reduced rate, provided that statutory qualifications are met. Examples of these classes of properties include (but are not limited to) elder and disabled exemptions, disabled veteran's exemptions, historic properties, and properties used in agriculture, horticulture, and forestry activities.

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[9] North Carolina General Statute 105-283

2023 Reappraisal Timeline
The approximate timeline associated with Henderson County's 2023 Reappraisal is as follows:

January 1, 2023	Effective Date for the 2023 Reappraisal
February 1, 2023	Notice of Assessed Value is mailed to property owners
January – April 2023	Property owners may appeal their assessed value
April 2023	Board of Equalization & Review will convene to hear 2023 Appeals
June 30, 2023	Latest Date the FY2024 tax rate is established by the Board of Commissioners
August 2023	2023 tax bills will be mailed to property owners

Revenue Neutral Tax Rate
NCGS §159-11(e) provides that in each year in which a general reappraisal of real property has been conducted, the budget officer shall include in the budget, for comparison purposes, a statement of the revenue-neutral property tax rate. The revenue-neutral property tax rate is the rate that is estimated to produce revenue for the next fiscal year equal to the revenue that would have been produced for the next fiscal year by the current tax rate if no reappraisal had occurred. To calculate the revenue-neutral tax rate, the budget officer shall first determine a rate that would produce revenues equal to those produced for the current fiscal year, and then increase the rate by a growth factor equal to the average annual percentage increase in the tax base due to improvements since the last general reappraisal. This growth factor represents the expected percentage increase in the value of the tax base due to improvements during the next fiscal year. The budget officer shall further adjust the rate to account for any annexation, de-annexation, merger, or similar event. The Assessor does not have the authority to establish the revenue neutral tax rate. Decisions regarding the establishment, computation and implementation of the revenue neutral tax rate are made at the Governing Board level.

Appeals
According to North Carolina law, the property owner has the responsibility to prove the county's appraised value is incorrect. North Carolina law presumes the County Assessor acted in good faith and that appraisals are correct[10]. Appraisals for property tax assessment purposes are made on a mass basis using statistical tools. Mass appraisal allows the Assessor to assess large numbers of individual parcels of real estate in a short period of time at significant cost savings when compared to fee appraisal. No matter how thorough and fair a reappraisal may be, there are still instances when only the property owner has all the information necessary for an accurate appraisal.

North Carolina law provides for an appeal process in the event there is disagreement about the value placed on a parcel. Appeal forms may be obtained by contacting the Assessor's office or by downloading an Appeal form from the Assessor's website at www.hendersoncountync.gov/tax/page/reappraisal-section.

Upon filing an Appeal with the Assessor, it is important to bring all evidence considered relevant and supportive of the taxpayer's opinion of the value of the property as of January 1, 2023 (the effective date of the Reappraisal).

The first step in the appeal process is to file an informal appeal with the County Assessor. The completed appeal form must be returned within the specified timeframe and include information to support the owner's opinion of value. When the appeal is received, it will be reviewed by an appraiser within the Assessor's office and the result of the review will be communicated to the property owner.

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[10] In re *Bosley*, 29 N.C. App. 468, 224 S.E.2d 686, cert. denied, 290 N.C. 551, 226 S.E.2d 509 (1976).

If the appeal is not resolved at the informal level, the property owner may file a formal appeal with the County's Board of Equalization & Review pursuant to NCGS §105-322(g)(2) *et seq.* If the taxpayer does not agree with the decision of the County's Board of Equalization & Review, the taxpayer may, within thirty days of the date of the notice from the Board of Equalization & Review, file an appeal with the North Carolina Property Tax Commission pursuant to NCGS §105-290. Decisions of the North Carolina Property Tax Commission may be appealed to the North Carolina Court of Appeals and then to the North Carolina Supreme Court.

Applicable Statutes

The North Carolina General Assembly has enacted laws that address local government property taxation. These laws are found in North Carolina General Statutes Chapter 105, Subsection II (also known as the "Machinery Act"). The General Assembly has designated the North Carolina Department of Revenue, Local Government Division, as the oversight agency for local property tax appraisal and assessment. The following statutes specifically address the reappraisal of real property:

§ 105-283. Uniform Appraisal Standards

(a) All property, real and personal, shall as far as practicable be appraised or valued at its true value in money. When used in this Subchapter, the words "true value" shall be interpreted as meaning market value, that is, the price estimated in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or to sell and both having reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used. For the purposes of this section, the acquisition of an interest in land by an entity having the power of eminent domain with respect to the interest acquired shall not be considered competent evidence of the true value in money of comparable land.

§ 105-286(a). Time for general reappraisal of real property, et seq.

"Each county must appraise all real property in accordance with the provisions of G.S. 105-283 and G.S. 105-317 as of January 1 … and every eighth year thereafter, unless the county chooses to advance the date under subdivision (3) of this section …"

§ 105-317. Appraisal of real property; adoption of schedules, standards and rules

(a) Whenever any real property is appraised, it shall be the duty of the persons making appraisals:
> (1) In determining the true value of land, to consider as to each tract, parcel, or lot separately listed at least its advantages and disadvantages as to location, zoning, quality of soil; waterpower; water privileges; dedication as a nature preserve; conservation or preservation agreements; mineral, quarry or other valuable deposits; fertility; adaptability for agricultural, timber-producing, commercial, industrial or other uses; past income; probable future income; and any other factors that may affect its value except growing crops of a seasonal or annual nature;
> (2) In determining the true value of a building or other improvement, to consider at least its location; type of construction; age; replacement cost; cost; adaptability for residence, commercial, industrial, or other uses; past income; probable future income; and any other factors that may affect its value.
> (3) To appraise partially completed buildings in accordance with the degree of completion on January 1.

(b) In preparation for each revaluation of real property required by G.S. 105-286, it shall be the duty of the assessor to see that:

(1) Uniform schedules of values, standards and rules to be used in appraising real property at its true value and at its present-use value are prepared and are sufficiently detailed to enable those making appraisals to adhere to them in appraising real property.

(2) Repealed by Session Laws 1981, c. 678, s. 1.

(3) A separate property record be prepared for each tract, parcel, lot, or group of contiguous lots, which record shall show the information required for compliance with the provisions of G.S. 105-309 insofar as they deal with real property, as well as that required by this subsection. (The purpose of this subdivision is to require that individual property records be maintained in sufficient detail to enable property owners to ascertain the method, rules and standards of value by which property is appraised).

(4) The property characteristics considered in appraising each lot, parcel, tract, building, structure and improvement, in accordance with the schedules of values, standards and rules, be accurately recorded on the appropriate property record.

(5) Upon the request of the owner, the board of equalization and review, or the board of county commissioners, any particular lot, parcel, tract, building, structure or improvement be actually visited and observed to verify the accuracy of property characteristics on record for that property.

(6) Each lot, parcel, tract, building, structure and improvement be separately appraised by a competent appraiser, either one appointed under provisions of G.S. 105-296 or one employed under the provisions of 105-299.

(7) Notice is given in writing to the owner that he is entitled to have an actual visitation and observation of his property to verify the accuracy of property characteristics on record for that property.

(c) The values, standards and rules required by subdivision (b)(1) shall be reviewed and approved by the board of county commissioners before January 1 of the year they are applied. The board of county commissioners may approve the schedules of values, standards, and rules to be used in appraising real property at its true value and at its present-use value either separately or simultaneously. Notice of the receipt and adoption by the board of county commissioners of either or both the true value and present-use value schedules, standards and rules, and notice of a property owner's right to comment on and contest the schedules, standards, and rules shall be given as follows:

(1) The assessor shall submit the proposed schedules, standards, and rules to the board of county commissioners not less than 21 days before the meeting at which they will be considered by the board. On the same day that they are submitted to the board for its consideration, the assessor shall file a copy of the proposed schedules, standards, and rules in his office where they shall remain available for public inspection.

(2) Upon receipt of the proposed schedules, standards, and rules, the board of commissioners shall publish a statement in a newspaper having general circulation in the county stating:

a. That the proposed schedules, standards, and rules to be used in appraising real property in the county have been submitted to the board of county commissioners and are available for public inspection in the assessor's office; and

b. The time and place of a public hearing on the proposed schedules, standards, and rules that shall be held by the board of county commissioners at least seven days before adopting the final schedules, standards, and rules.

(3) When the board of county commissioners approves the final schedules, standards, and rules, it shall issue an order adopting them. Notice of this order shall be published once a week for four successive weeks in a newspaper having general circulation in the county, with the last publication being not less than seven days before the last day for challenging

the validity of the schedules, standards, and rules by appeal to the Property Tax Commission. The notice shall state:

a. That the schedules, standards, and rules to be used in the next scheduled reappraisal of real property in the county have been adopted and are open to examination in the office of the assessor; and

b. That a property owner who asserts that the schedules, standards, and rules are invalid may except to the order and appeal therefrom to the Property Tax Commission within 30 days of the date when the notice of the order adopting the schedules, standards, and rules was first published.

(d) Before the board of county commissioners adopts the schedules of values, standards and rules, the assessor may collect data needed to apply the schedules, standards and rules to each parcel in the county.

Appraisal Terminology & Principles

Appraisals for assessment purposes are made on a mass basis. The task of assessing large numbers of individual real estate parcels within a short period of time results in the refinement of traditional appraisal techniques to fit the realities of mass appraisal. However, the basic principles of real estate appraisal still apply. Mass appraisal methods rest on the same theoretical foundations as most appraisal techniques. The three approaches to value (cost, sales comparison and income) are the same for both mass and individual appraisals, however the methods employed to complete the approaches are different for the mass appraisal for all properties within a county. Although the Assessor's techniques are designed for mass appraisal, the resulting values constitute accurate and uniform individual parcels of each property.

Real Property Defined

Real Property includes both tangible and intangible rights to land and improvements. In the legal sense, property is the right of any person to possess, use, enjoy and dispose of a thing. Property is a broad term expressing the relationship between persons and their rights in and to possessions. Real estate is land, and everything permanently attached to it.[11] In appraising real property, the parcel to be appraised includes the rights inherent in the ownership of the property to be included in the opinion of value rendered by the appraisal.

Real estate can be divided into two categories: land and improvements. Land is defined as the surface of the earth together with everything under its boundary and everything over it, extending indefinitely into the heavens. Certain legal limitations have been imposed throughout the years by the courts, such as the right of aircraft to fly over the land. Improvements consist of immovable items permanently affixed to and becoming part of the real estate.

Tangible property consists of actual physical property. Intangible property is evidence of ownership of property rights. Examples of intangible property are patent rights, copyrights, notes, mortgages, deeds of trust and stock certificates.

Real Property vs. Personal Property

Personal property consists of moveable items not permanently attached to or a part of the real estate. Personal property is also called "personalty" or "chattels". Generally speaking, personal property affixed to land is called a "fixture". Chattels that have been annexed to the land so as to lose their character as chattels become real estate for ad valorem tax purposes. In determining the nature of the annexation of

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[11] In re *Bosley*, 29 N.C. App. 468, 224 S.E.2d 686, cert. denied, 290 N.C. 551, 226 S.E.2d 509 (1976).

personal property, there are two basic considerations: first, the adaptability of the personal property to the use of that part of the realty; and second, the person by whom the annexation is made and his interest in the land and the personal property.

Courts tend to agree that if the personal property is affixed to the land so that it loses its original physical character and cannot be restored to its original condition, it loses its nature as personal property and becomes real property. There are two basic tests to determine whether personal property becomes real property: (1) the intention of the person who put the item in its place; and (2) whether the item may be removed from the real estate without damaging either the item or the real estate. A common example of how North Carolina law distinguishes real property from personal property surrounds the taxation of manufactured homes.

NCGS 105-273(13)b provides that:
> Real property, real estate or land. – Any of the following
> a. The land itself.
> b. Buildings, structures, improvements, or permanent fixtures on land.
> c. All rights and privileges belonging or in any way appertaining to the property.
> d. A manufactured home as defined in G.S. 143-143.9(6), unless it is considered tangible property for failure to meet all of the following requirements:
>> 1. It is a residential structure.
>> 2. It has the moving hitch, wheels and axels removed.
>> 3. It is placed upon a permanent foundation either on land owned by the owner of the manufactured home or on land in which the owner of the manufactured home has a leasehold interest pursuant to a lease with a primary term of at least 20 years and the lease expressly provides for disposition of the manufactured home upon termination of the lease.

Appendix Item 3 provides a list of specific items that are categorized as either real property or personal property.

Real Property Ownership Rights

There are six basic rights associated with fee-simple property ownership, also known as the "bundle of rights":
- The right to use;
- The right to sell;
- The right to lease or rent;
- The right to enter or leave;
- The right to give away; and
- The right to refuse to do any of these.

Unless property is owned by the government, it is subject to certain public and private restrictions. The following four rights have been removed from the bundle of rights in favor of government control:
- Taxation – the right to tax the property for support of the government;
- Eminent Domain – the right to take the property for public use provided that just compensation is paid;
- Police Power – the right to regulate the use of property for the public welfare in the areas of safety, health, morals, zoning, building codes, traffic and sanitary regulations; and
- Escheat – the right to have property revert to the state for nonpayment of taxes or when there are no legal heirs of a decedent who dies intestate.

Private restrictions that may place limitations on fee-simple ownership of property include:
- The rights of other co-owners of the property;
- Covenants, conditions and restrictions that are found in the chain of title to the property;
- Mortgages;
- Easements and rights of way;
- Liens and judgments; and
- Leases.

Estates in Property

An "estate" is an interest or right in property. Estates can vary in duration, degree or quantity of interests held. The two main divisions in estates are freehold and non-freehold. Non-freehold estates endure for a specified period of time and may be subject to immediate termination. A freehold estate is one which endures for an uncertain period of time, but which usually lasts during the life of some person.

An estate in fee simple is one which has been given to an individual and his heirs without any end or limit. Fee-simple title is the greatest possible degree of ownership and constitutes ownership of all the legal rights.

Estates in real property may also be categorized according to the way in which title is held. North Carolina General Statutes control how ownership of all real property is determined for ad valorem tax purposes. Following are the most common types of real property estates:
- Tenancy in severalty indicates an ownership interest by one owner.
- Tenancy in common indicates ownership by more than one person where the interest is not divided and descends individually to each owner's heirs.
- Tenancy by the entirety indicates joint ownership by spouses where ownership reverts to the survivor and cannot be disposed of individually during the lifetime of either.

The most important types of estates to be considered by appraisers and assessors include fee simple interests, leasehold interests, possessory interests, and life estates.

NCGS §105-302 establishes statutory direction regarding in whose name property should be listed. In North Carolina, the property will be listed, appraised, and assessed at "fee simple" to the holder of the life estate, usually referred to as the "life tenant". A life estate is granted with ownership being limited to the life of the owner or that of another party.

G.S. 105-302(c)(8) reads:
> "A life tenant or tenant for the life of another shall be considered the owner of real property, and it shall be his duty to list the property for taxation, indicating on the abstract that he is a life tenant or tenant for the life of another named individual."

Value Defined

For purposes of real property appraisal, value can be defined as the present worth of future benefits arising from the ownership of real property. Distinctions must be made between "value in use" and "value in exchange".

The concept of "value in use" implies that the value is within the object itself. For instance, a hose rack built into a fire station is useful if the building is used as a fire station. If the building ceases to be used as a fire station, then the hose rack probably adds no value to the building. The concept of "value in exchange" is the primary concern for the Assessor because it indicates the actions and reactions of buyers, sellers and/or investors.

North Carolina law (NCGS §105-283) provides that property is valued for property tax purposes at 100% of its market value. The statutes define market value as "**the price, estimated in terms of money, at which the property would change hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or sell and both having reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used."**

Market value is not always the same as market price. Market price is what the property actually sold for. Market value is an estimate of value based on comparable sales and other market information. Market price can differ from market value if any of the market value criteria are not met. For example, if the buyer is forced to sell, if the buyer and seller are related or if one of the parties was not informed about the potential use of the property, then the market price may not equal the market value.

The cost of a property is not always equal to its market value. Cost may equal market value when the improvements on a property are new and are the highest and best use of the land. The cost may exceed the actual market value if special features are added and the market does not allow for a return on investment. For example, installing premium features on low quality construction may drive the cost above market value.

Along with the discussion above, key points relating to Market Value include:
- Market value is the *most probable price*, not the highest, lowest or average price.
- Market value is expressed in terms of money.
- Market value implies a reasonable time for exposure to the market and requires an arms-length transaction in the open market; and
- It recognizes the present use as well as the potential use of the property.

Highest and Best Use
Highest and best use is a market-driven concept and reflects consumer preferences for goods and services. It is defined as "that use which will generate the highest net return to the property over a reasonable period of time". [12] Almost all property is subject to competing uses. For instance, a single parcel of land may be sought as the site for a store, gas station, apartment complex or an office building. When assessors estimate market value, they must determine which of the competing uses is the highest and best use.
Highest and best use is the reasonable and probable use that supports the highest present value as of the date of the appraisal. Once the highest and best use is determined, the use must meet four criteria:
1. Physically Possible, requiring the Assessor to consider the size, shape, frontage, depth, soil condition, and topography of the property.
2. Legally Permissible, requiring the Assessor to be familiar with zoning, deed restrictions and local, state and federal laws affecting use.
3. Financially / Economically Feasible, requiring the Assessor to consider projected return as it relates to risk. Each use that produces a positive net income or rate of return would indicate a financially feasible use; and
4. Most Productive Use, which requires the Assessor to determine which use, from among all uses that are physically possible, legally permissible, and financially feasible, will produce the highest rate of return or value to the property being appraised.

In addition to the four criteria set forth above, there must be a demand for the use, either currently or in the future. The highest and best use should also be a complimentary use rather than a competitive use. For instance, if there are gas stations on three of four corners, a fourth gas station will reduce the number

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[12] Property Assessment Valuation, Second Ed.

of customers available to all four stations. Instead, if a fast-food restaurant were established on the fourth corner, it would draw business from the gas stations' customers and vice versa. The highest and best use should be the most profitable for the entire property and should be a use that generates the highest net return over a reasonable period.

Economic Principles of Value

All appraisals are based on the three approaches to value: (1) the Sales Comparison approach; (2) the Cost approach; and (3) the Income approach. All three approaches to value are based on certain economic principles of value:

- **Anticipation**: In appraisal, the concept that the value of property today is equal to the value of future income, discounted to present value. Discounting rests on the assumption that receiving $1 in the future is less than receiving $1 today.
- **Balance**: Value is created and sustained when contrasting, opposing, or interacting elements are in equilibrium or balance. Proper mix of varying land uses creates value. Imbalance is created by an over-improvement or an under-improvement of a property.
- **Change**: The principle of change states that market value is never constant because environmental, economic, social, and governmental forces are at work to change the property and its environment.
- **Competition**: Competition is created where substantial profits are being made. If there is a profitable demand for residential construction, competition among builders will be apparent. Competition could lead to an increase in supply in relation to the demand, resulting in lower selling prices and unprofitable competition, leading to a decline in supply.
- **Conformity**: The value of a property depends, to some extent, on its relation to its surroundings. The maximum value is reached when there is reasonable similarity among improvements in a neighborhood.
- **Consistent Use**: The principle of consistent use states that the property must be valued with a single use for the entire property. It is improper to value property on the basis of one use for the land and another for the improvements.
- **Contribution**: The principle of contribution states that the value of a component of property depends on its contribution to the whole. The cost of the component does not necessarily equal the value the component adds to the property.
- **Increasing and Decreasing Returns**: The principle of increasing and decreasing returns states that when successive increments of one agent of production are added to fixed amounts of other agents, future net benefits will increase up to a certain point, after which successive increments will decrease future benefits.
- **Progression and Regression**: The principle of progression states that the value of a lower-priced property is increased by association with the better properties of the same type. The principle of regression states that the value of better-quality properties is diminished by association with lower-valued properties in the same area.
- **Substitution**: The principle of substitution states that a property's market value tends to be set by the cost of acquiring an equally desirable and valuable substitute property, assuming that no costly delay is encountered in making the substitution.
- **Supply and Demand**: The theory of supply and demand, as it pertains to property appraisal, holds that the price of property varies directly with the demand and inversely with the supply.
- **Surplus Productivity**: Surplus productivity is the net income remaining after the cost of labor, management and capital have been satisfied. The surplus productivity is the income earned by the land. The agents of production must be satisfied in the following order: (1) labor; (2) management; (3) capital; and (4) land.

Relevant Case Law concerning Market Value

- Neither this section nor G.S. §105-317(a) requires the commission to value property according to its sales price in a recent arm's length transaction where competent evidence of a different value is presented. *In re Greensboro Office Partnership*, 72 N.C.App. 635, 325 S.E.2d 24, cert. denied, 313 N.C. 602, 330, S.E.2d 610 (1985).
- The purpose of the statutory requirement that all property be appraised at its true value in money is to assure, as far as practicable, a distribution of the burden of taxation in proportion to the true values of the respective taxpayers' property holdings, whether they be rural or urban. *In re King*, 281 N.C. 533, 189 S.E.2d 158 (1972).
- In substance this section and G.S. §105-317.1 provide that all property shall be appraised at market value, and that all the various factors which enter into the market value of property are to be considered by the assessors in determining this market value for tax purposes. *In re Bosley*, 29 N.C.App. 468, 224 S.E.2d 686, cert. denied, 290 N.C. 551, 226 S.E.2d 509 (1976).
- Where sale was not between a willing buyer and a willing seller, as contemplated by this section, sales price was not indicative of property's true value. *In re Phoenix Ltd. Partnership*, 134 N.C.App. 474, 517 S.E.2d 903 (1999).
- Section 105-317(a), in fixing the guide which assessors must use in valuing property for taxes, includes as a factor the past income therefrom, and its probable future income. But the income referred to is not necessarily actual income. The language is sufficient to include the income which could be obtained by the proper and efficient use of the property. To hold otherwise would be to penalize the competent and diligent and to reward the incompetent or indolent. *In re Greensboro Office Partnership*, 72 N.C.App. 635, S.E.2d 24, cert. denied, 313 N.C. 602, 330, S.E.2d 610 (1985).
- To find the true value of property subject to conservation easements, the Commission must determine the market value prior to the granting of the easements and then reduce that value by applying a damage factor caused by the granting of the conservation easements. Determining the highest and best use of the property prior to the granting of the easement is a critical part of the appraisal process. *In re Rainbow Springs Partnership v. County of Macon*, 79 N.C.App. 335, 339 S.E.2d 681, cert. denied, 316 N.C. 736, 345 S.E.2d 392 (1986).
- A post-octennial valuation sale is not a statutory permissive basis for adjusting a property's tax valuation. *In re Allred*, 351 N.C.App. 1. S.E.2d 52 (1999).
- State Commission's reliance upon an independent appraiser's collateral determination of petitioners' property value, without challenge or correlation to the county's schedule of value or the application of those schedules to the property, was in violation of the statutory requirement of this section that any permissible increase or decrease in the appraised value of real property be calculated using the schedules and standards established by the county. *In re Allred*, 351 N.C.App. 1. S.E.2d 52 (1999).
- In order for a taxpayer to have valuation set aside, he must show more than a failure to follow statutory procedures. It is not enough for the taxpayer to show that the means adopted by the tax supervisor were wrong; he must also show that the result arrived at is substantially greater than the true value in money of the property assessed, i.e., that the valuation was unreasonably high. *In re Highlands Dev. Corp.*, 80 N.C.App. 544, 342 S.E.2d 588 (1996).

Relevant Case Law concerning the Concept of Value

- The North Carolina General Assembly, and no one else, determines how property in this State should be valued for purposes of ad valorem taxation. *In re Amp, Inc.*, 287 N.C.App. 547, 215 S.E.2d 752 (1975).
- The legislature has decreed that all property, real and personal, within the jurisdiction of the State, is subject to taxation whether owned by a resident or a nonresident. The purpose of this strong decree is to treat all property owners equally so that the tax burden will be shared proportionately,

and to gather in all the tax money to which the various counties and municipalities are entitled. *In re Plushbottom & Peabody, Ltd*., 51 N.C.App. 285, 276 S.E.2d 505, cert. denied, 303 N.C. 314, 281 S.E.2d 653 (1981).

- Uniformity in taxation relates to equality in the burden of the State's taxpayers. *In re Martin*, 286 N.C.App. 66, 209 S.E.2d 766 (1974).
- Ad valorem tax assessments are presumed to be correct, and when such assessments are challenged, the burden of proof is on the taxpayer to show that the assessment was erroneous. *In re Bosley*, 29 N.C.App. 468, 224 S.E.2d 686, cert. denied, 290 N.C.App. 551, 226 S.E.2d 509 (1976).
- Ad valorem tax assessments are presumed correct. In order to rebut this presumption, the taxpayer must present evidence to show that an arbitrary method of valuation was used, or that an illegal method of valuation was used, and that the assessment substantially exceeded the true value in money of the property. *In re Interstate Income Fund I*, 126 N.C.App. 162, 484 S.E.2d 450 (1977).
- In order to obtain relief from the valuations upon their property by the State Board of Assessment, appellant electric membership corporations must show that the methods used in determining true value were illegal and arbitrary, and that appellants were substantially injured by a resulting excessive valuation of their property. *In re Albemarle Elec. Membership Corp. v. Alexander*, 282 N.C. 402, 182 S.E.2d 811 (1972).
- Burden is on the taxpayer to show that it comes within the exemption or exception. *In re Martin*, 286 N.C.App. 66, 209 S.E.2d 766 (1974).
- Exemption from taxation is exceptional. Such exemptions should be strictly construed. *In re Notice of Attachment & Garnishment Issued by Catawba County Tax Collector*, 59 N.C.App. 332, 296 S.E.2d 499 (1982), cert. denied, 307 N.C. 576, 299 S.E.2d 645 (1983).

Approaches to Value

Appraisers use three approaches to value, all of which are based on the appraisal principles discussed in the previous section. The three approaches to value are (1) the Sales Comparison Approach; (2) the Cost Approach; and (3) the Income Approach. The use of one or all of these approaches to value is determined by the quantity, quality, and accuracy of data available to the appraiser. Underlying each approach is the principle of substitution, which states that the value of a property is no more than the cost of acquiring an equally desirable substitute property.

All appraisals are done using one or more of the three approaches to value discussed in this section. The use of one or all of these approaches in the valuation of property is determined by the quantity, quality and accuracy of the data available to the appraiser for that particular type of property. The three approaches are not equally relevant to every type of property. For example, the income approach is not the best method for valuing single-family residential properties because they are not usually purchased for income production. The cost approach is not the best method to use in valuing land or older construction because this approach uses replacement cost of new construction minus depreciation to value improvements. The sales comparison approach is not the best method for valuing special use property (for example, specialized industrial buildings and other unique property) because of the lack of sales data on such properties.

Sales Comparison Approach

The Sales Comparison Approach estimates market value by comparing recently sold properties to the subject property. The comparable sales are adjusted for differences from the subject property to estimate market value. This approach is based on the principle of substitution, which states that a prudent buyer will pay no more for a property than for a comparable property with similar utility. The importance of the Sales Comparison Approach lies in its ability to produce estimates of value that are reflective of the market.

This approach is reliant on the availability of comparable sales and is well suited for use in the appraisal of vacant land and residential properties.

The County's computer assisted mass appraisal (CAMA) system enables the sales comparison approach to be applied to a large population of properties. Hundreds of sales are analyzed and used to value thousands of properties. This process begins by stratifying properties by neighborhood and type so similar properties are compared to each other.

North Carolina law prohibits the presumption that the sale price of any particular property must be the basis for its appraised value for ad valorem tax purposes. Instead, reliance is placed on the greater weight of evidence determined from a larger sampling of comparable properties and as a result, the appraised value may be less or greater than the sale price of any particular property.

General procedures used for single property appraisal using the sales comparison approach include:
1. Research, collect, verify, and analyze sales data on comparable properties.
2. Select the appropriate units of comparison between the subject and comparable properties.
3. Determine from the market the contributory value of differences between the subject property and the comparable properties.
4. Adjust the comparable properties for these differences; and
5. Correlate the adjusted values of the comparable sales to develop a final estimate of market value.

Step 1: Research, collect, verify and analyze sales data on comparable properties
Comparative data consists of recent sales, cost, and income information on individual properties. Identifying comparative data such as sales, options, asking prices, offering prices, leases and rental information is critical to the sales comparison approach. Before a sale may be used as an indicator of market value, it must meet the following criteria:
•   Buyer and seller are typically motivated.
•   Both parties are well informed and acting in what they consider to be their best interests.
•   The property was exposed to the open market for a reasonable period of time.
•   Payment is made in terms of cash or financial arrangements comparable to cash; and
•   The price represents the normal consideration for the property sold unaffected by special or creative financing arrangements.

A verified sale is more reliable than an unverified sale. Verification of comparative data is sometimes problematic for the Assessor because it's difficult to verify every data item of all the sales that occur within the county. Ideally, transactions should be verified with the buyer and seller.

Step 2: Select the appropriate units of comparison between the subject and comparable properties
The number of comparable sales selected for comparison should be sufficient to identify variations in the market. Similarities and differences between the subject property and comparable properties must be recognized. The property's functional utility, its desirability to consumers, and the principles of supply and demand form the starting point for the comparison process.

Property can be valued using units of comparison. Typical units of comparison for residential properties include dwelling unit, number of rooms, number of bedrooms, and square footage of building. For apartment homes, typical units of comparison include the number of units, number of rooms, square footage of building and gross income multipliers. For industrial properties, square footage and cubic footage of buildings are used as units of comparison.

<u>Step 3: Determine from the market the contributory value of differences between the subject property and the comparable properties</u>

The Sales Comparison method compares the subject property with properties that have recently sold. Sales prices are developed into indicators of value for the subject property by adjusting the sales price of the comparable properties for their differences from the subject.

<u>Step 4: Make adjustments to the comparable properties for these differences</u>
Because no two properties are alike, the comparable properties must be adjusted for any differences to compare it to the property being assessed. These differences are adjusted using either a percent or dollar amount of value. Adjustments are always made to the comparable properties, not the subject property. If the comparable property is inferior in some respect, the sale price of the comparable property is adjusted upward; if the comparable is superior in some respect, the sale price of the comparable property is adjusted downward. According to the principle of contribution, the amount of the adjustment is based on the comparison unit's contributory value to the total property rather than its cost. Sales data should be used to determine the contributory value of individual items. For example, assume that two similar houses recently sold. Amenities are nearly identical except one home has a detached one-car garage. The difference in the sales price for the homes is $4,500. The indicated contributory value of the garage is $4,500.

Adjustments are made by a series of individual adjustments for each item in the sale in the following sequence:
1. Atypical Financing: Special financing arrangements may influence the sale price. For example, a buyer may pay a higher price for a property when the seller offers owner financing.
2. Date / Time of Sale: The sales price is adjusted for economic changes that have occurred between the date of sale and the appraisal date.
3. Location: Location is the primary factor when valuing similar properties. The sales price of similar properties will vary due to the desirability of location, even in the same neighborhood.
4. Physical Characteristics: Adjustments are made for age, size, quality of construction, condition, square footage, lot size, etc.

<u>Step 5: Correlate the adjusted values of the comparable sales to develop a final estimate of market value</u>
After the various units of comparison are identified and properly analyzed and adjusted, estimates must be reconciled into a single indicator of value for the subject property. This process requires the Assessor to review the adjustments made and place the greatest reliance on the most comparable property. The most comparable property is usually the property that requires the fewest adjustments.

<u>Relevant Case Law applicable to the Sales Comparison Approach to Value</u>
- **Neither this section nor G.S. §105-317(a) requires the commission to value property according to its sales price in a recent arm's length transaction when competent evidence of a different value is presented**. *In re Greensboro Office Partnership*, 72 N.C.App. 635, 325 S.E.2d 24, cert. denied, 313 N.C. 602, 330 S.E.2d 610 (1985).
- **Where sale was not between a willing buyer and a willing seller, as contemplated by this section, sales price was not indicative of property's true value**. *In re Phoenix Ltd. Partnership*, 134 N.C.App. 474, 517 S.E.2d 903 (1999).

Cost Approach
The Cost Approach involves estimating the depreciated cost of reproducing or replacing the building and site improvements. Depreciation due to the loss in value from physical deterioration, functional or

economic obsolescence is deducted from the cost new. The estimated value of the land is added to the depreciated cost of improvements which results in an indication of value using the Cost Approach.

The Cost Approach is useful to value new construction where depreciation is not a major factor. Special types of buildings, such as industrial properties, governmental buildings, and churches that may not have available sales data can be valued using the Cost Approach.

General steps involved in valuing property using the Cost Approach are identified below:
1. Determine the value of the site / land as vacant and available for its highest and best use.
2. Calculate the cost to construct the building and site improvements.
3. Estimate the amount of depreciation, then subtract the depreciation from the building cost; and
4. Add the depreciated building cost to the land value to develop an estimated value for the entire property.

Step 1: Determine the value of the site / land as vacant and available for its highest and best use
The first step to the Cost Approach is to value the property as if it were vacant. There are five generally accepted methods to do this:
1. Direct Sales Comparison: Recent sales of vacant land are gathered, analyzed, and verified for comparison to the subject site. An appropriate unit of comparison is chosen, and adjustments are made for differences such as location, physical characteristics, and time of sale. These adjustments are applied to the comparable sites that have been sold to produce an indication of the value of the land.
2. Abstraction / Allocation or Ratio: Improved parcels are analyzed for a logical relationship between land value and improvement value. When using the abstraction method, the depreciated replacement cost of the improvements is subtracted from the sales price. The difference is an indication of land value for that property. The allocation method uses sales of improved properties to develop a ratio of the land value to the total sales price. Depreciated replacement costs are used to develop the ratio and then typical ratios are applied to other parcels to develop an indication of value.
3. Development of Anticipated Use: The estimated costs to fully develop a site to its highest and best use are subtracted from the projected sales prices to develop an indication of the value for the land in its raw or undeveloped state.
4. Capitalization of Ground Rent: Ground rent refers to regular payments made by a holder of a leasehold property. Gross rent is estimated, and expenses are subtracted to get net income. Net income is capitalized into an indication of total value from the ground rents. The income from the improvements is subtracted from the total net income to produce the income attributable to the land. The income from the land is then capitalized and an indication of value for the land is developed.
5. Land Residual Capitalization: A new building, either actual or hypothetical, is projected onto the land. This use represents the most profitable use of the land. The procedure for this method follows the steps of the capitalization method after the cost and income for the improvements are established.

Step 2: Calculate the cost to construct the building and site improvements
After the land value is established, the next step in the Cost Approach is to value all improvements based on Replacement Cost New. "Replacement Cost" is the current cost of producing an improvement of equal utility to the subject property. It may or may not be the cost of producing a replica of the property. In contrast, "Reproduction Cost" is the term used to describe the cost of producing an *exact replica* of the property. In actual practice, outside of a few historic communities in this country, developers, and builders, for obvious economic reasons, replace buildings, not reproduce them.

The process for calculating Replacement Cost New uses information relative to each structure and values the structure based on the current cost of construction. The replacement cost includes the total cost of construction incurred by the builder whether preliminary to, during, or after completion of the construction of a building. Among these costs are material, labor, subcontractor costs, builder's overhead and profit, architectural and engineering fees, consultation fees, survey and permit fees, legal fees, taxes, insurance, and the cost of interim financing. The costs are developed from information gathered by national cost manuals and from local builders, realtors, and developers.

Methods widely used to estimate the Replacement Cost New include the Quantity Survey Method, the Unit in Place Method and/or the Model Method.

- The Quantity Survey Method involves the development of a detailed, itemized estimate of the quantities of the components of Replacement Cost New (materials, labor, equipment, architect and engineering fees, builder's overhead and profit and other related costs). This method is much too labor intensive and costly to be used effectively in every-day appraisal work, especially in the mass appraisal field.
- The Unit in Place Method establishes in-place cost estimates for various structural components. The prices established for the specific components are related to their most common units of measurement, such as cost per yard of excavation, cost per linear foot of footings and cost per square foot of floor covering. These unit prices are then multiplied by the quantities of each component for the subject building to arrive at a whole dollar component cost, the sum of which is equal to the estimated cost of the entire building, providing that consideration is given to all other applicable direct costs.
- With the Model Method, unit-in-place costs are used to develop base unit square foot or cubic square foot costs for structures in place, which then serve as models to calculate the base unit cost of comparable structures to be appraised. The base unit cost of the model most representative of the subject building type is applied to the subject building. Tables of additions and deductions are then used to adjust the base cost of the subject building to account for any significant variations between it and the model.

Developed and applied properly, these pricing techniques will assist to arrive at valid and accurate estimates of Replacement Cost New as of the Reappraisal's effective date, which is January 1, 2023. Replacement Cost New represents the upper limit of value of a structure. The difference between Replacement Cost New and its actual value is "depreciation". The next step in completing the Cost Approach is to estimate the amount of depreciation and then subtract it from the Replacement Cost New.

Step 3: Estimate the amount of depreciation and subtract the depreciation from the building cost
Depreciation is defined as a loss in value from all causes. It represents the loss in value between (1) market value and (2) the sum of the Replacement Cost New of the improvements plus the land as of a given time. The causes for the loss in value can be attributed to Physical Deterioration; Functional Obsolescence; and/or Economic Obsolescence.

1. Physical Deterioration relates to the wear and tear on the various building components through age and use. It can be considered "curable" or "incurable", depending on whether it's practical and economically feasible to cure the deficiency by repairing or replacing it.
2. Functional Obsolescence is caused by either inadequacies or super-adequacies in design, style, composition, or arrangement within the structure itself that lessens its usefulness and desirability in the marketplace. Functional Obsolescence can also be considered "curable" or "incurable". Examples of functional obsolescence include inadequate wall and ceiling heights, excessive structural construction, surplus capacity, and ineffective layouts.

3. Economic Obsolescence is caused by factors external to the property itself. Examples include encroachment of inharmonious land uses on adjoining or nearby parcels. Economic obsolescence is generally considered incurable because the cause lies outside of the property owner's control.

After the Replacement Cost New is established, accrued depreciation is then subtracted. In mass appraisal, this process is done by using depreciation tables that are developed in the same manner as cost tables. The depreciation is calculated based on the effective age of the structure. The effective age is based on the condition of the improvement. For example, if a structure was built in 1920 but was renovated in 2002, its effective age is less than a similar structure of the same age that has not been maintained. The final step in the Cost Approach is to add all improvement values to the land value to arrive at a total cost of the property.

Step 4: Add the depreciated building cost to the land value to develop an estimated value for the entire property
This step is self-explanatory.

Income Approach
Income-producing property is usually viewed as an investment. The investor believes that there will be an income and/or an increase in equity associated with the property which will in turn justify the investment. Since income-producing properties are usually purchased using these assumptions, the use of the cost and sales comparison approaches are secondary to the income approach.

The Income Approach is also referred to as capitalization of market income. This approach is based on the principles of substitution and anticipation to produce income based on the investment value of the property. The Income Approach measures the present worth of the future benefits of a property by capitalizing the net income stream over the remaining economic life of the property. This approach involves making an estimate of the effective gross income of a property, derived by deducting vacancy and collection losses from the gross potential income based on its economic rent. Comparable properties are used to develop these estimates. From the income, operating expenses, taxes, insurance, and reserve allowances are deducted to arrive at net income. The rental market is analyzed to determine the return investors expect from various types of property. To assist in this process, rental income and expense data is collected.

Estimating the present value from income is called "capitalization". Capitalization rates are developed and used to capitalize net income into an indication of value. Direct Capitalization is the capitalization method often used in mass appraisal. The basic model for direct capitalization uses the equation **Value = Income / Rate**.

General procedures used for the Income Approach include:
1. Estimating the potential gross income based on market rents.
2. Deducting for vacancy and collection loss.
3. Adding miscellaneous income to get the effective gross income.
4. Determining operating expenses.
5. Deducting operating expenses from effective gross income to determine net operating income before discount, taxes and recapture.
6. Selecting the proper capitalization rate and determine the proper capitalization procedure; and
7. Capitalizing the net income to determine the value

Step 1: Estimate the potential gross income based on market rents
"Potential Gross Income" is the annual economic rent for the property at 100% occupancy. "Economic rent" is the annual rent that's justified based on a review of comparable properties in the area. Economic rent includes income from all sources that are attributable to the real estate and is also known as market rent[13].

The starting point for the appraiser is to research the current economic rents in a specific area to establish guidelines to estimate gross income applicable to comparable properties. The next step is to collect income and expense data on individual properties and to evaluate the data against these guidelines. The appraiser is primarily concerned with the potential earning power of the property. The objective is to estimate the property's expected net income.

Henderson County mails surveys to all commercial property owners within the County. Typically, there is a low response rate to the surveys when they are initially sent. Historically, many owners of commercial properties provide income and expense data after the reappraisal notices of value are mailed. At that point, as part of the appeal process, income and expense data is generally provided in support of the property owners' claim seeking a change in value. When income and expense data is provided, it should be credible and sufficient to support the income and expenses of the property. For example, lease information would be considered sufficient whereas undocumented statements are less useful.

Henderson County also collects economic data from local, regional, and national sources. Local commercial property owners, appraisers, brokers, commercial multiple listing services and commercial comparable sales data companies are primary sources for commercial economic information. The additional information obtained from these sources allows the appraiser to obtain the best available information in valuing commercial and/or industrial properties.

Step 2: Deduct for vacancy and collection loss
Because it's not likely that an income-producing property will be fully rented for the entire period of its useful life, income must be adjusted to reflect vacancy losses that may occur. Likewise, it is likely that the property will be subject to collection loss.

The vacancy factor for a property is determined by studying the rental histories and income of other comparable properties. The vacancy percentage is determined by dividing the number of vacant units by the total number of units.

Collection loss is the loss that results from the failure of tenants to pay rent. To calculate the collection loss percentage, add the amount of rent collected to the amount of rent uncollected and divide the uncollected rent by the total.

Step 3: Add miscellaneous income to get the effective gross income
After the percentages for vacancy loss and collection loss is computed and subtracted from the potential gross income, any miscellaneous income relative to the operation of the property must be added. Examples of miscellaneous income include (but are not limited to) parking fees, sale of utilities, coin-operated laundry, clubroom rent.

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[13] Property Assessment Valuation, 2nd Ed., IAAO, P. 204-205

Step 4: Determine operating expenses
"Net operating income" is the income that remains after deducting allowances for vacancy loss and collection loss and adding any miscellaneous income. Net operating income is the amount that is used with capitalization rates and other procedures to arrive at an opinion of value.

Expenses are typically taken from the owner's operating statement for the property. Only the reasonable and necessary expenses necessary to support and maintain the income-producing capability of the property are allowed. The Income Approach assumes that expenses will occur annually, so it's important to determine what expenses are allowable. Expenses for real estate can be classified as (1) operating expenses; and (2) reserves for replacement. Operating expenses are the typical expenses that are needed to keep the property functional and rented. Reserves for replacement include the annual cost of items that have short-lived depreciation and must be replaced before the end of the lease period or before the building reaches the end of its useful life.

Operating expenses vary from property to property, depending on the type of occupancy, use type and quality of management. In reviewing operating expenses for a subject property, the operating statements from comparable properties must be considered. The assessor is predicting the stabilized annual net income that the property is expected to produce, assuming competent management and a typical year. Specific analyses conducted by the appraiser include (but are not limited to):

- Whether the expenses appear typical for the property and whether they can be substantiated by expense statements from comparable properties.
- Whether some expenses appear infrequently and whether the expenses indicate typical management.
- Whether the expenses reveal what may be a specific weakness to the property such as physical deterioration, functional or external obsolescence.
- Whether the expenses are consistent as they relate to each other (maintenance, age, and reserves for replacement); and
- How the ratio of expenses to gross income compare to competitive properties.

Proper expenses include management expenses, salaries, utilities, supplies and materials, repairs and maintenance, property taxes, insurance, miscellaneous expenses, and reserves for replacement. Improper expenses include depreciation, debt service, income taxes, capital improvements, and owner's business expenses (not necessary for maintaining the rent produced by the property).

Typically, it is not possible for the appraiser to obtain a complete economic history on every commercial property being appraised. The data obtainable on some commercial properties is limited. In most cases, the gross income, services, and amenities can be obtained. To produce a sound appraisal, it may be necessary to estimate the fixed and operating expenses. This can be accomplished by setting guidelines for expenses, based on a percentage of effective gross income or a cost per square foot of leasable area. These percentages and costs will vary, depending on the services supplied and the type of property.

Step 5: Deduct operating expenses from effective gross income to determine net operating income before discount, taxes and recapture
Expenses discussed in Step 4 are deducted from effective gross income to arrive at net operating income before discount, taxes and recapture ("recapture" is explained in Step 6 below).

Step 6: Select the proper capitalization rate and determine the proper capitalization procedure
"Capitalization" is the process of converting anticipated future payments (income) into present value. It translates the net operating income produced by a property into property value. There are only three

primary components involved in the capitalization process: net operating income, the capitalization rate, and the value where the verified sales price represents the value.

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BASIC MODEL FOR DIRECT CAPITALIZATION
VALUE = INCOME / RATE
Income: The estimate of annual net stabilized income
Rate: The capitalization rate appropriate for the subject property at the effective date of the appraisal

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There are several methods of capitalization, a number of which lend themselves to an accurate measure of market value based on potential income: Direct Capitalization and Mortgage Equity Capitalization.

- Direct capitalization uses a capitalization rate taken directly from the market (by analyzing sales of similar properties) by dividing the net income of a sale property by the sale price. It's the method most used for mass appraisal, as it is easily understood, can be used consistently because few variables are used, and its components can be supported by market evidence. Using the direct capitalization approach, the appraiser determines a single overall capitalization rate. Many of the applicable court rulings regarding the valuation of income-producing properties for ad valorem tax purposes have relied on direct capitalization.
- "Mortgage equity capitalization" is a form of direct capitalization. In this method, equity yields and mortgage terms are influencing factors in construction of the interest rate. A plus or minus adjustment is required to compensate for anticipated depreciation or appreciation. This adjustment can be related to the recapture provisions used in other capitalization methods and techniques.

 The capitalization rate can be derived from a variety of sources, including comparable sales data, provider companies, investor surveys, market sales and data analysis by the appraiser. Like the other elements of income analysis, all elements of the capitalization rate must be based on market data relevant to the property type and market conditions at the effective date of the value estimate.

Other capitalization methods used for mass appraisal include gross rent multipliers and effective gross rent multipliers. These methods do not include or account for differences in operating expenses, so care must be used to make sure comparable sales are used that have similar long-term operating expense ratios, occupancy levels and risk levels. This process begins with gathering the income and expense data from the local market. This data is then stratified by type. Rental information for apartments is not compared to rental information for office or retail space. Rental information used to determine the ratio is based on local market rents. Market rent is the price a property should produce. Property that is rented for less than market rent is not used in this process. Expenses are only those costs which are applicable to the cost of ownership.

Developing Capitalization Rates using the Direct Capitalization Method:
The overall rate reflects the relationship between the property value or sales price and the net operating income. A capitalization rate established for use in mass appraisal for ad valorem taxes will consist of the following factors:
1. Recapture: the annual rate of return of the depreciable items of a real estate investment; and
2. Discount Rate: the annual rate of return on investment; and
3. Effective Tax Rate: the tax bill divided by the property value or the level of assessment multiplied by the tax rate.

<u>Recapture Rate</u>
The straight-line method of recapture is the simplest method and the one which seems to most reflect the actions of the investors in general. It calls for the return of capital in equal increments or percentage allowances spread over the estimated remaining economic life of the building.

> **EXAMPLES OF RECAPTURE RATE CALCULATION**:
> (Assume the economic life of the building is 100 years)
> 50 years remaining: 100 / 50 = 2.0% per year
> 40 years remaining: 100 / 40 = 2.5% per year
> 25 years remaining: 100 / 25 = 4.0% per year

<u>Discount Rate</u>
There are several methods used by appraisers to determine the acceptable rate of return expected by investors, including the band of investment and direct comparison methods. Applying these procedures on an adequate representative sampling should provide a pattern from which to select the most appropriate discount rate.

Band of Investment Method. When using the band of investment method, it is necessary to first determine the rate of return local investors require on their equity (cash outlay). It is then necessary to contact lenders and obtain current interest rates for money and the amount of equity required, then multiply the percentages of equity and mortgage by the investors and lenders' rates. The sum of these products will indicate the actual rate of return.

Direct Comparison Method. In the direct comparison method, the rate of return is extracted directly from actual market data. It is reasonable to assume that informed investors fully aware of the existence of comparable properties will invest in those properties which are able to produce the required and desired net return.

Following are the general steps involved in determining the normal rate of return using the direct comparison method:
1. Collect sales data on valid open market transactions involving properties for which the appraiser can accurately estimate both the net income and the land or building value.
2. Allocate the proper amounts of the total sales price to land and buildings.
3. Estimate the remaining economic life of the building and compute the amount of return required annually for the recapture of the investment to the building.
4. Determine the net income before recapture.
5. Deduct the amount required for recapture from the net income. The residual amount represents the actual amount of interest; and
6. Divide the actual amount of interest by the sales price to convert it into a percentage rate of return.

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EXAMPLE OF THE DIRECT COMPARISON METHOD:
Sale Price:                              $ 250,000
Amount Allocated to Land:               $  87,500
Amount Allocated to Building:           $ 162,500
Remaining Life:                          20 years
Annual Rate of Recapture:               100% / 20 = 5%
Amount Required Annually:               $162,500 * 5% = $8,125 per year
Net Income before Recapture:            $   35,600
Less Recapture:                         ($    8,125)
                                        = $   27,475

Indicated Rate of Return:               $27,475 / $250,000 = 11%
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Tax Rate

To make proper provisions for real estate taxes, the appraiser must anticipate two factors:
1. The tax rate for assessed valuation; and
2. The percentage of the appraised value to be used for assessment purposes.

The annual rate required to pay the cost of taxes can then be calculated by multiplying the tax rate in dollars per $100 assessment (equivalent to a percentage) by the percentage level of assessment.

Maintenance and Insurance Rates

It is essential for these figures to reflect local conditions. The actual local cost may be extracted from income and expense data collected from available technical publications.

Contingency Rate

The percentage allowance for contingencies should be established at the local level. This element provides the appraiser some flexibility in:
1. Arriving at a proper market value based on the individual project; and
2. Providing some consideration for unusual expenses that may occur on properties appraised without the benefit of a detailed operating statement.

Total Land Rate

Since the income produced by the land will theoretically continue for an infinite period, it is not necessary to recapture the investment of land. The capitalization rate applicable to land is the sum of the interest rate and tax rate.

Total Building Rate

A building is a depreciable item. Since the income produced by a building will terminate in a given number of years, it is necessary to recapture the investment in the buildings. The capitalization rate applicable to buildings is the sum of the rates of interest, recapture, tax, maintenance, insurance, and contingency.

Since it is the appraiser's job to interpret the local real estate market, the capitalization rates used must reflect the action of local investors.

Step 7: Capitalize the net income to determine the value

After performing the analyses discussed in the previous steps and determining the capitalization rate for the subject property, the appraiser must capitalize the net income to determine the value of the property. Following is an example of the steps used to determine the value of a property using the Income Approach:

EXAMPLE:	
Potential Gross Income	$ 65,500
Vacancy & Collection Loss	(5,000)
	$ 60,500
Miscellaneous Income	2,000
Effective Gross Income	$ 62,500
Operating Expenses	(22,000)
Net Operating Income	$ 40,500
Capitalization Rate (Example)	10%
Estimated Property Value	**$405,000**

Residual Techniques

Any one of the factors included in the capitalization equation (Value = Net Income / Capitalization Rate) can be determined if the other two factors are known. Since the value of property is the sum of the land value plus the building value, either of these can be determined if the other is known. The use of these mathematical formulas in capitalizing income into an indication of value are referred to as "residual techniques", or more specifically, the property residual, the building residual, and the land residual techniques.

The Property Residual Technique is an application of direct capitalization. In this technique, the total net income is divided by an overall capitalization rate (which provides for the return on the total investment) to arrive at an indicated value for the property. This technique has received more popular support in recent years because it closely reflects the market. With this technique, the capitalization rate may be developed by either direct comparison in the market or by the mortgage equity method.

The Building Residual Technique requires the value of the land to be a known factor. The amount of net income required to earn an appropriate rate of return on the land investment is deducted from the total net income. The remainder of the net income (residual) is divided by the building capitalization rate (which is composed of a percentage for the return on the investment plus a percentage for the recapture of the investment) to arrive at an indicated value for the building.

The Land Residual Technique requires the value of the building to be a known factor. The amount of net income required to provide both a proper return on and the recapture of the investment is deducted from the total net income. The remainder of the net income (residual) is then divided by the land capitalization rate (which is composed of a percentage for the return on the investment) to arrive at an indicated value for the land.

Relevant Case Law concerning the Income Approach to Value

- Section 105-317(a), in fixing the guide which assessors must use in valuing property for taxes, includes as a factor the past income therfrom, and its probable future income. But the income referred to is not necessarily actual income. The language is sufficient to include the income which could be obtained by the proper and efficient use of the property. To hold otherwise would be to penalize the competent and diligent and to reward the incompetent or indolent. *In re Greensboro Office Partnership*, 72 N.C.App. 635, 325 S.E.2d 24, cert. denied, 313 N.C. 602, 330 S.E.2d 610 (1985).

- **Neither this section nor G.S. 105-317(a) requires the commission to value property according to its sales price in a recent arm's length transaction when competent evidence of a different value is presented**. *In re Greensboro Office Partnership*, 72 N.C.App. 635, 325 S.E.2d 24, cert. denied, 313 N.C. 602, 330 S.E.2d 610 (1985).
- **If it appears that the income actually received is less than the fair earning capacity of the property, the earning capacity should be substituted as a factor rather than the actual earnings. The fact-finding board can properly consider both**. *In re Property of Pine Raleigh Corp.*, 258 N.C. 398, 128 S.E.2d 855 (1963); *In re Valuation of Property located at 411-417 W. Fourth St.*, 282 N.C. 71, 191 S.E.2d 692 (1972).

Land Valuation

Land is an important aspect of real property. The typically used methods to value vacant land are discussed in the previous section entitled the "Cost Approach" to value. It is important that an easily manageable and accurate method of valuing land be used. The varying types and uses of land within a jurisdiction can make this a complicated task.

Land values are developed for each neighborhood by the appraiser. This is done by analyzing sales data for the last four years in that area, with greater emphasis placed on the most recent sales. If no data exists for a neighborhood, the appraiser uses data from a comparable neighborhood.

The sales comparison approach is the most appropriate method of land valuation when qualified sales are available. The income approach to value is typically considered when valuing commercial or industrial land.

The following techniques are employed in developing uniform and equitable land valuation schedules. Size adjustment formulas have been developed for land in each neighborhood, based on the market activity present in the neighborhood. The key to developing size adjustment formulas is analyzing market response and sales data which must conform to the following factors:
1. Sales price must be qualified as accurate and adjusted for time.
2. Land must be of the same use type; and
3. Adjustments for location and physical characteristics of the land must be made.

The first step in land valuation is the accurate description of the property. This includes identifying factors such as size, location, topography, and zoning. Zoning is very important in determining the property's highest and best use because zoning controls the allowed uses for the property. The land is classified into neighborhoods (also called "Market Areas") based on the highest and best use of the property. Highest and best use considers four factors: (1) The use must be legally permissible; (2) physically possible; (3) financially feasible; and (4) the most productive use. One base rate for land is not realistic because of the wide range of land values within Henderson County. Land rates are developed based on lot, square foot, and acreage. Land rates are developed from recent sales. A base value is determined for all neighborhoods, or land types, and all factors impacting land value are considered, including size, location, zoning, topography, etc.

Land area types include rural, subdivisions/suburban areas and urban.
- Rural areas are outlying, undeveloped areas of the county consisting primarily of farmland or former farmland areas. Few sales may be available in some sections, but sales from other rural systems can be used to set land values. Most improved properties will have wells and septic systems because public water and sewer may not be available.
- Subdivisions and suburban areas are developed areas located outside of a city center. When available, recent sales of vacant lots in new subdivisions can be used to set land values. For

improved property, land values can be calculated by using a land-to-building ratio or allocation developed from market sales. The abstraction method subtracts the improvement's value from the total sale price, using the remainder as the land value. When no sales are available in a subdivision or neighborhood, the appraiser uses sales from comparable neighborhoods and adjusts them for any differences due to location.

- Urban areas are within and near a city center with residential, governmental, commercial, and industrial properties. Public water and sewer are usually available. Vacant land is usually sold for development or special purposes.

Parcels may be valued by any unit of measure convenient for the appraiser's use. It is important that the selected unit of measure be the same as those used in the local market. This enables the appraiser to quickly determine valuation patterns and make changes in the valuation schedules to accurately reflect the market.

Units of measure are defined as follows:

- Front Foot. The front foot is used when the frontage of a parcel is determined by the market to be significant. The frontage is the number of feet along the main part of a parcel and is particularly applicable for use where pedestrian traffic is heavy or where frontage is irregular, as in shoreline property. For these types of parcels, depth is usually not the most important factor. This unit of measure is used primarily in the valuation of residential land and is denoted as dollars per foot.
- Square Foot. The square foot is the most widely used land unit of measure. It considers all the land in a parcel and can be used for all types of land. This unit of measure is used primarily in the valuation of commercial land and is denoted as dollars per square foot.
- Acre. The acre (43,560 square feet) is the primary unit of measure used in valuing large land areas such as farmland, timber land, mining land, and recreational land. It is denoted as dollars per acre.
- Lot. The lot, regardless of its size or other attributes, is an important unit of measure. Home builders and developers often acquire a tract of land based upon the number of lots (buildable sites) a tract contains.
- Site. The site unit of measure is closely related to the lot. In using the lot as the unit of measure, each parcel is considered a portion of a larger tract. In the use of the site, unequal lots or parcel sizes are considered equal. The site may be used where separate sites are marketable, regardless of their size or other factors and they are considered comparable.
- Tract. The tract may be used as a unit of measure where the parcels are large and similar in size. When a greater section, or a homestead parcel, is considered, the entire area may be used as the unit of measure without any breakdown into acres or square feet.

Manufactured Home Valuation

Manufactured housing includes single-wide mobile homes, double-wide mobile homes, or modular homes. Mobile Home structures are designed with a steel undercarriage and wheel assemblies for transporting it to the site. Modular homes have wood joists rather than steel undercarriage. NCGS §105-273(13) addresses the treatment of mobile homes:

"Real property, "real estate" and "land" mean not only the land itself, but also buildings, structures, improvements, and permanent fixtures thereon, and all rights and privileges belonging or in any wise appertaining thereto. These terms also mean a manufactured home as defined in GS 143-143.9(6) if it is a residential structure; has the moving hitch, wheels and axles removed; and is placed upon a permanent foundation either on land owned by the owner of the manufactured home or on land in which the owner has a leasehold interest pursuant to a lease with a primary term of at least 20 years for the real property on which the manufactured home is affixed and where the lease expressly provides for the disposition of

the manufactured home upon termination of the lease. A manufactured home as defined in GS 143-143.9(6) that does not meet all of these conditions is considered tangible personal property."

The following guidelines should be used when estimating the replacement cost of a manufactured home:
- On manufactured homes, the wheel and hitch assemblies are usually removed at the building site location. The hitch is not included in the overall dimensions when calculating the actual square footage.
- Manufactured homes built in the United States after June 15, 1976, must meet Federal standards outlined in Title VI, Housing & Community Development ("HUD") Act of 1974. A HUD seal certifying these standards must be displayed on each unit. This section should be used for appraising replacement cost for those built prior to its enactment as well as those built after 1976.

Mass Appraisal Theory & Process

Overview of Mass Appraisal

Mass appraisal allows for the appraisal of large numbers of individual parcels within a relatively short period of time and at a much lower cost per parcel than traditional fee appraisal. Mass appraisal allows the Assessor to value a group of properties as of a given date, using common data, employing standardized methods, and conducting statistical tests to promote uniformity and equity in valuations. Mass appraisal draws on statistical and spatial analysis of data from property markets and builds on the same basic principles as independent fee appraisal of single properties. Mass appraisal techniques emphasize valuation modules, standards of practice and statistical quality control. The central idea surrounding mass appraisal is the development of appraisal models that are then applied to groups of similar properties to produce estimates of the value of all properties in the group.

These grouped similar properties are more commonly referred to as "market areas" or "neighborhoods". For purposes of this document, they are referred to as neighborhoods. Henderson County currently has more than 1,100 neighborhoods wherein similar properties are valued using mass appraisal techniques.

All appraisal techniques and valuations for Henderson County's 2023 Reappraisal are completed in compliance with applicable North Carolina General Statutes. NCGS §105-283 and §105-317 require that the basis for valuation be an estimate of market value arrived at through the uniform application of valuation schedules, rules and standards. Henderson County's 2023 Countywide Reappraisal utilizes a computer assisted mass appraisal (CAMA) system. The computerized storage of data, automated valuation calculation and reporting capabilities of the CAMA system assists the County's appraisers in analyzing and modifying appraisal data in accordance with the changing economic forces which control the real estate market.

Traditional appraisal techniques are refined to fit the needs of mass appraisal; however, the basic principles of real estate appraisal still apply. Mass appraisal methods rest on the same technical and theoretical principles as traditional appraisal techniques. The three approaches to value (cost, sales comparison, and income) are the same. Any effective approach to value for ad valorem tax purposes must be patterned in such a way as to reflect the typical motivation of buyers in the marketplace. Motives influencing prospective buyers tend to differ depending upon the type of property involved (residential, commercial, agricultural, industrial, etc.). An appraiser's approach to value must differ accordingly.

Principles of Uniform Assessment

The main objective of mass appraisal for ad valorem taxation is to establish equitable assessments for all property. The basis for measurement for equitable assessments is market value. NCGS §105-283 defines market value as *"the price estimated in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller, neither being under any compulsion to buy or to sell and both having reasonable knowledge of all the uses to which the property is adapted and for which it is capable of being used."* The duty of the appraiser is to arrive at a reasonable estimate of that price. The approaches to value of the various classes of property must be correlated so they are related one to another in such a way as to reflect the motives of buyers.

It is reasonable that buyers are motivated differently, depending largely on the type of property being sought and the reason for which the property will be used:

- A prospective purchaser of a residential property is primarily interested in the property's ability to provide a place to live. Its location, size, quality, design, age, condition, desirability, and usefulness are the primary factors considered by a residential buyer. One property will eventually stand out

to be more appealing than another. So, it is the job of the appraiser for tax purposes to evaluate the relative degree of appeal of one property to another.

- A prospective purchaser of agricultural property will be motivated differently. The buyer will be primarily interested in the productive capabilities of the land. It is reasonable to assume that the buyer will be familiar, at least generally, with the productive capacity of the farm they propose to buy. Accordingly, the appraiser for local tax purposes must rely heavily on prices being paid for comparable farmland in the community.

- The prospective purchaser of commercial property is primarily interested in the potential net return and tax shelter the property will provide. That price which the buyer is justified in paying for the property is a measure of the prospects for a net return from the buyer's investment. Real estate is an investment and must not only compete with other real estate but also with stocks, bonds, annuities, and other similar investment areas. The commercial appraiser must explore the rental market and compare the income-producing capabilities of one property to another.

- The prospective purchaser of industrial property is primarily interested in the overall utility value of the property for a specific purpose. In evaluating the overall utility, consideration must be given to land and improvements. Industrial buildings are generally of special purpose design and cannot readily be separated from the operation for which they were built. If the operation remains effective, the building will hold its value. If the operation becomes obsolete, the building likewise loses value. The upper limit of its value is its replacement cost new and its present-day value is some measure of its present-day usefulness in relation to the purpose for which it was originally designed.

The commercial appraiser may find that comparable sales for commercial property are not readily available because commercial property is not bought and sold as frequently as residential property. The income approach should be used to determine the net economic rent the property is capable of yielding. Then the amount of investment required to produce a net return at a rate commensurate with what is normally expected by investors is developed. This can only be achieved through a comprehensive study of the income producing capabilities of comparable properties and an analysis of present-day investment practices.

The industrial appraiser will not be able to rely on the market data approach because of the absence of comparable sales, because each sale generally reflects different circumstances and conditions. The income approach is not reliable due to the absence of comparable investments and the inability to accurately determine the contribution of each unit of production to the overall income produced. The appraiser should use replacement cost new of each improvement and the subsequent loss of value resulting from overall physical, functional, and economic depreciation.

The fact that there are different approaches to value, some of which are more applicable to one class of property than to another, does not preclude equalization between classes. Remember, the objective in each approach is to arrive at a price which an informed and intelligent person, fully aware of the existence of competing properties and not being compelled to act, is justified in paying for any one property. Underlying and fundamental to each of the approaches is the comparison process. Regardless of whether the principal criteria are actual selling prices, income-producing capabilities, or functional usefulness, like properties must be treated alike. The primary objective is equalization. The various approaches to value, although valid in themselves, must be coordinated one to the other in such a way as to produce values, which are not only valid and accurate, but are also equitable. The same benchmark of values must be applied to all properties and must be applied by systematic and uniform procedures.

Sales on all properties are not required to effectively apply the market data approach. The same is true regarding any other approach. What is needed is a comprehensive record of all significant physical and

economic characteristics of each property to compare the properties of unknown values with the properties of known values. All significant differences between properties must be in some measure, either positively or negatively, reflected in the final estimate of value.

Components of a Reappraisal Program

A Mass Appraisal program for ad valorem taxation consists of four basic subsystems:

        (1) a Data Management System.
        (2) a Sales Analysis System.
        (3) a Valuation System; and
        (4) an Administration System.

Data Management System

The Data Management System allows for the collection of data pertinent to the reappraisal process. This data is required to develop the elements essential to the valuation process and includes neighborhood data, specific data about individual properties and ownership data. It includes protocols for creating new parcels, capturing, and valuing new construction and making changes to current properties. Components of the data management system include the County's Land Records Geographic Information System, Permits and Inspections, periodic re-inspection of properties using on-site field visits by County appraisers and/or the use of orthophotography and Pictometry and property listings, and other feedback received from property owners. All data collected will be processed into an indication of value using the cost, market (sales comparison) and/or income approach. Types of data collected can include (but are not limited to):

- General Supporting data, which includes socioeconomic data pertaining to the entire County. It assists staff during the analytical phase of the reappraisal and should include items such as population trends, prevailing geographical factors, primary transportation facilities, primary income sources, unemployment and income levels, institutional influences, the annual volume of new construction and ownership transfers, availability of vacant land, construction labor and material costs, residential rental availability, and income data.
- Cost data, which must be sufficient to develop and validate pricing schedules and cost tables required to compute the replacement cost new of improvements needed to apply the cost approach to value. Such cost data includes the parcel identification number, property address, date of construction completion, cost of construction, structural characteristics, and other information to assist in the analysis phase. The principal sources for obtaining cost data are builders and developers. Cost data is typically collected in conjunction with new construction.
- Sales data, which must be sufficient to allow the appraiser to secure a representative sample of comparable sales to apply the market data (sales comparison) approach. Unit land values and depreciation indicators are necessary to apply the cost approach and to derive gross rent multipliers and elements of the capitalization rate needed to apply the income approach. Sales data includes the parcel identification number, property address, classification code, age of improvements, selling price and source of information along with a reliable judgment as to whether the sale is representative of an arms-length transaction. Sources for sales data include information from the Register of Deeds, realtors, lending institutions, developers, and individual owners.
- Income and expense data, which must be sufficient to derive capitalization rates and accurate estimates of net income needed to apply the income approach to value. Income and expense data is both general and specific. General data that reflects the attitudes, preferences and practices of buyers is collected along with specific data regarding actual income and expenses realized by specific properties. Data is collected from a variety of sources including property owners, tenants, lending institutions and property managers.

<u>Sales Analysis System</u>
The Sales Analysis System provides for collecting sales data, photographs, screening and processing sales, sales questionnaires, ratio studies and sales reporting. Ratio studies and sales reports use values produced by the valuation system and on property characteristics maintained in the data management system. The sales analysis system plays an important part in monitoring appraisal results by allowing for a measurement of the assessment to sales ratio.

<u>Valuation System</u>
The Valuation System is comprised of the County's Computer Assisted Mass Appraisal (CAMA) System. A typical CAMA system is capable of mass-application of the three approaches to value (cost, income, and sales comparison) and can allow for the various adjustments that are necessary with each approach to value.

<u>Administrative System</u>
The Administrative System is responsible for project management, guidance, direction, and the monitoring of results throughout the reappraisal process. The Administrative System uses outputs from the other three components to perform these tasks. The goal of the Administrative System is to produce an accurate and reliable reappraisal using available resources while at the same time maintaining the day-to-day operations of the County's property tax program.

Key Processes in Mass Appraisal

Development of Valuation Schedules
The implementation phase of a mass appraisal program involves the valuation of properties in an orderly, timely and equitable manner. Valuation schedules must accurately reflect current market conditions to estimate the current market value of the properties. It is important that care be exercised in the validation of the schedules. Valuation schedules may not be changed after they are adopted by the County Board of Commissioners. If the valuation schedules do not reflect accurately the current market, it will not be possible to accurately estimate the current market values of the subject properties. To accomplish this, the Assessor needs schedules and guidelines for use in the various appraisal areas.

Schedules are developed for:
- Land Valuation
- Cost Estimation
- Depreciation Calculation
- Improved Property Valuation
- Income and Expense Ratio Determination
- Capitalization Rate Determination

In developing a mass appraisal, an appraiser must be aware of, understand and correctly employ recognized methods and techniques necessary to produce and communicate credible mass appraisals. Henderson County's real estate appraisals are compliant with USPAP Standard 6. This Standard is included in the Appendix of this Schedule of Values.

USPAP Standard 6 applies to all mass appraisals of real or personal property regardless of the purpose or use of such appraisals. Standard 6 is directed toward the substantive aspects of developing and communicating credible analyses, opinions, and conclusions in the mass appraisal of properties. The

reporting and jurisdictional exceptions applicable to public mass appraisals prepared for ad valorem taxation do not apply to mass appraisals prepared for other purposes.

Neighborhood (a/k/a Market Area) Delineation

A neighborhood consists of a number of parcels in a defined geographic area, where the parcels are highly homogeneous (similar), and that similarity has an effect on the value of parcels within the neighborhood boundary. Neighborhood delineation allows the Assessor to stratify properties into like areas for valuation study. Properties in a neighborhood should be homogeneous and can be divided by geographic area, age, zoning, school districts, subdivisions, economic trends or property use. Neighborhoods may be similar but located in different areas based on value range, design style, age of improvements, or life cycle. Neighborhoods are grouped into types or grades to allow properties in similar neighborhoods to be compared to each other.

Delineation is part of the data inventory phase of the reappraisal. After a neighborhood is delineated, it is assigned a Valuation Control Section Number (VCN), which will identify it from other neighborhoods.

The procedure for assigning neighborhoods includes:
1. Identify subdivisions.
2. Identify major areas of density.
3. Divide the major areas into smaller areas (neighborhoods) by similar characteristics; and
4. Assign a neighborhood code (VCN) to the selection.

Considerations for grading neighborhoods include:
- Type, quality, and age of improvements
- Predominate land use (residential, commercial, rural, etc.)
- Lot size and value
- Life cycle (is the neighborhood stable, improving or is it in a decline?)
- Sales price range
- Neighborhood name
- Type (subdivision, rural, city, other)
- Typical building grade
- Utilities and amenities, etc.
- Roads

Adjustments

As part of the mass appraisal process, it is necessary to make certain adjustments for the appraiser to establish an opinion of value. These adjustments are discussed in the remainder of this section.

Time Adjusted Sales Price (TASP)

The Time Adjusted Sales Price (TASP) is an extrapolation to the present-day (January 1 of the reappraisal year) and represents a change in value from market conditions at the time of sale. The principle of change states that change continually affects the real estate market. During inflation, values tend to rise; during deflation, values tend to fall. Perhaps the best illustration of the adjustment for time is the resale of the same property, assuming that no other changes to the property (improvements, etc.) have been made. Another method used to estimate the time adjustment is Paired Sales Analysis, which requires the Assessor to locate properties very similar in design, location, age and physical characteristics – the only difference must be that the properties have sold at different times.

<u>Adjustments to Improvements</u>
Small structures usually have a higher building cost per square foot than larger structures because fixed costs are spread over more area in large structures. Variations in building costs with size can be treated two ways. Cost tables can be developed for various square foot increments or base rates can be specified for structures of standard size and size adjustments multipliers developed. Henderson County uses the adjustment multipliers method to adjust for size.

<u>Adjustments to Land</u>
Land values are developed based on normal properties in a neighborhood. Some individual parcels have factors that affect their land value and need adjustments to reflect their differences from the average parcel. Examples of factors requiring land value adjustments are described below.

- Location. Location is the primary factor to consider when valuing real estate. Because market sales are grouped by neighborhood, the impact of location is minimal unless positive or negative influences exist for only some areas within the neighborhood. Examples include waterfront lots, golf course lots or negative influences such as noise or noxious smells.
- Road Frontage / Corner Influence / Traffic Count. The amount of road frontage or a corner location will affect land value. Commercial property values tend to increase due to road frontage, traffic count, or location on a corner. Residential land may not need an adjustment.
- View. View is a positive or negative adjustment where the view enhances or distracts from the typical lot value.
- Access. The typical access to a parcel in a subdivision or developed area is considered to be direct access from a paved road. In rural areas, access from an unpaved road may be typical for that area. Tracts with no access or limited private access may be given a negative adjustment on the land line. The adjustment depends on the comparability of the sales used to set the land values for the neighborhood. If the sales had the same access issues, then no adjustment is needed.
- Easements. Easements can be for above-ground or surface of the land only, air rights overhead or below ground. Negative adjustments for easements may be made at the land line level based on the amount of land affected by the easement.
- Shape. The shape adjustment may be a negative adjustment made at the land line level when the shape of a parcel (for example, large in total size but only six feet wide) makes it have a lower typical value.
- Topography. Topography issues are usually corrected before property is improved. This adjustment is made at the land line level. Topography adjustments are negative adjustments for natural land features such as gullies, ditches, rock cliffs, etc., that affect the use of the property.
- Size. Size is an important factor in land value. A small lot with access to public water and sewer may be a buildable lot. Lots are adjusted for size by a land size adjustment formula developed from market sales. In addition, land may be adjusted by the appraiser for size.

Assessment Performance Measures
The final step in mass appraisal is statistical testing, or assessment performance measurement. Specific mathematical and statistical methods are used to test the final values. These procedures can produce better and more consistent value estimates. These value estimates can be statistically verified, and the quality of the mass appraisal results can be statistically evaluated, utilizing the experience of the appraisal staff. Mass appraisal techniques use applied statistics based on the collection and analysis of local statistics. Any large deviation from the norm will generate a more detailed examination of the affected properties and their assessments. For example, if twenty properties out of one hundred in a neighborhood are out of the normal range of value for that neighborhood, the appraiser will perform a more detailed review of those properties to find the cause and adjust as needed.

One of the primary responsibilities of the Assessor is to estimate the market value of the properties within Henderson County. The integrity of property values depends on the accuracy and efficiency of these values. Two aspects of the reappraisal must be measured: (1) the appraisal level; and (2) appraisal uniformity. Assessment performance measures are used to test the equity and accuracy of all appraised property values.

Sales Ratio Study

Henderson County strives to value all properties uniformly and equitably. It's important that property values reflect the current probable selling price.

One performance measurement that measures the appraisal level is the ratio study, which is sometimes referred to as the assessment ratio. The assessment ratio expresses the relationship between a property's assessment and its sales price, or market value. Some sales are more useful than others in a ratio study. Qualified sales are sales that have been verified by the Multiple Listing Service (MLS), the buyer, seller, or their agent. Unqualified sales are sales based on limited information such as revenue stamps or deed information. In addition, some sales that do not meet the guidelines of the North Carolina Department of Revenue are considered unqualified based on the sales ratio. The sales ratio is developed by dividing the assessed value by the sales price.

Each quarter, every North Carolina Assessor is required to submit information for a ratio study to the North Carolina Department of Revenue. To gather this information, the Department of Revenue sends a list of randomly chosen deeds to the Assessor. These deed transfers represent sales in the county. Information about these deeds is gathered and sent to the Department of Revenue. The information is used by the Department of Revenue to calculate the county's sales ratio. The sales ratio is the ratio of sales price to assessment. The perfect sales ratio is 100%.

Assessment accuracy is often shown by the median level. For example, if the ratio in a jurisdiction is 100% and the median assessment level in the jurisdiction is 64%, the statutory requirement is not being met. The ratio study is a tool for analyzing assessment accuracy.

The ratio study process is also used between reappraisals to track trends in neighborhoods or specific types of properties. If two years after a reappraisal, for instance, rural land sales indicate an assessment to sales ratio of 70%, the trend demonstrated by the sales ratio is an increase in the sales price of 30%. During the reappraisal process, sales ratios are used to develop neighborhood adjustments, find problem areas, and identify individual properties that are not in the normal range of value.

Coefficient of Dispersion

Appraisal uniformity relates to the equitable assessment of individual properties within neighborhoods or groups and between different types of properties. For example, if all residential properties are valued at 70% of their market value, but commercial properties are valued at 100% of their market value, the assessments are not uniform, and a higher tax burden is being carried by the commercial properties. One method of measuring uniformity is the coefficient of dispersion (COD). This is a complex statistical process that is calculated based on the average absolute deviation from the median as a percentage. Low COD's (15.0 or less) show excellent appraisal conformity. A high COD indicates less conformity between properties or groups of properties.

The International Association of Assessing Officers (IAAO) Standard on Ratio Studies is considered the standard for jurisdictions in which current market value is the basis for assessment. These standards presuppose a budget sufficient to hire competent personnel and apply sound assessment procedures as

well as the availability of certain basic data, such as an adequate sample size. The recommendations made in the IAAO Standard on Ratio Studies (April 2013) are as follows:

Property Type	Recommended COD Range
Single Family Residential	5.0 to 15.0
Income-Producing Property	5.0 to 20.0
Vacant Land	5.0 to 25.0
Rural Residential, Seasonal and Manufactured Homes	5.0 to 20.0

Price-Related Differential

The other method of measuring appraisal uniformity used most often is the price-related differential (PRD). The PRD is a measure used to determine if the assessment is progressive or regressive. Regressive appraisals have high value properties under valued in relation to low value properties.

If the highest valued properties are valued at 70% of their market value, but the lower valued properties are valued at 90% of their market value, the appraisals are regressive. Progressive appraisals value higher properties at a higher percentage of their market value than lower priced properties. Where the high valued properties valued at 90% of their market value and the lower value properties valued at 70% is progressive. Both conditions show lack of conformity between assessments.

The PRD is calculated by dividing the mean for a neighborhood by the weighted mean. Generally, the PRD should range between 0.98 and 1.03. A lower PRD (0.98) indicates a regressive assessment and a higher PRD (1.03) indicates a progressive assessment.

Quality Grade or Class

The quality grade of materials and workmanship is one of the most significant variables to consider in estimating the replacement cost of a structure. Two buildings may be built from the same general plan, each offering the same facilities and general features, but have vastly different costs due to the quality of materials and workmanship used in their construction. For instance, the cost of a dwelling constructed of high-quality materials and with the best workmanship throughout can be more than twice the cost of one built from the same floor plan but with inferior materials and workmanship.

The following schedule has been developed to distinguish between variations in cost. This schedule represents the full range of conventional dwelling construction. The basic qualifications for each grade, such as the type of facility furnished, is relatively constant. That is, each has a specific type of heating system, one bathroom, one kitchen, and other typical living facilities, but with differing quality of materials and workmanship.

The basic grade represents the cost of construction with average quality materials and workmanship and is designated as Grade C (100%). Most dwellings fall within one class above or below the basic grade of C. The layman or professional appraiser can readily distinguish among these classes. The three classes of quality grade for this group of dwellings have been established as follows:

Grade C+	Good Quality	Quality: 100% – 110%
Grade C	Average Quality	Quality: 100%
Grade C-	Fair Quality	Quality: 90% – 100%

In order to justify variation in cost, maintain uniformity and retain complete control throughout the cost range, Henderson County has established these base grades. The pricing spread between each grade is based on the use of better-grade materials and higher-quality workmanship from Grade C to Grade B. Grade B dwellings have better individual features and interior finishes, which reflects a higher cost than Grade C. Likewise, Grade D dwellings would be constructed of materials and workmanship of lower quality than Grade C.

The grade AAA, AA or A dwelling incorporates the best quality of materials and workmanship. Construction costs of Grade AAA, AA or A dwellings generally run as much as 250% higher than that of Grade C dwellings. The prestige-type home, the mansion and the country estate-type home are usually in this class. Grade A dwellings with outstanding architectural style and design are generally custom-built and are as much as 85% better in overall construction than Grade C dwellings.

Dwellings of the cheapest quality construction, built of low-grade materials and inferior workmanship and usually lacking sufficient facilities occupy the class of Grade D or E.

Use of Grade Factors

The grading method is based on Grade C as the standard of quality and design. A factor multiplier of 100% is assigned to the Grade C base rate. The relationship between the highest and lowest grade level is established by means of grade factor multipliers. Since not all dwellings fall precisely within a particular grade level, but may be slightly superior or interior, the use of Grade Factor Symbols (+ or -) will accomplish the appropriate adjustment in Grades A, B, C, D and E.

The quality factor ultimately selected is to represent a composite judgment of the materials and workmanship of the overall Quality Grade. Generally, the quality of materials and workmanship is consistent. However, since this is not always the case, it is frequently necessary to weigh the quality of each major component to arrive at the proper overall Quality Grade. Equal consideration must be given to any additions which are constructed of materials and workmanship inconsistent with the quality of the main building.

The appraiser must be careful not to confuse quality and condition when establishing grades for older houses in which a deteriorated condition may noticeably affect appearance. Grades should be established on original built-in quality and not be influenced by physical condition. Proper grading must reflect replacement cost of new buildings.

The remainder of this section provides examples of structures that fall into the various grades described above, along with the general characteristics of each grade.

Grade AAA Residence

Custom built or estate residences of the finest quality and workmanship, exhibiting unique and elaborate architectural styling and are characterized by the high quality of finishes and considerable attention to detail.

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Imported brick or cut stone, stucco, cedar, or the best quality siding with well-designed fenestration, high quality sash, custom ornamentation and trim. 2x4 or 2x6 metal studs 16" on center, 1 ¾" – 2 ½" fine quality exterior doors, finest quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingle; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are the finest quality carpet, vinyl, hardwood, marble, slate or tile.

INTERIOR FINISH: Interior walls are painted drywall with best grade paper or vinyl covering, hardwood paneling, or ceramic tile. Finest quality vanities in bathrooms and dressing areas with imported ceramic, tile, marble or Corian countertops. Custom built kitchen with pantry, cooking island, built-in microwave, dishwasher, disposal, and custom-made cabinetry with imported ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with ornamental hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Four or more full baths. Finest quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidets, lavatories, tub and shower combinations, wet bar, whirlpool tubs and Jacuzzi.

ELECTRICAL: Numerous well positioned outlets and finest quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath and dressing areas. Some recessed, track and fluorescent lighting possible.

EXAMPLES OF GRADE AAA RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade AA Residence

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Select brick, stucco, cut stone, cedar, vinyl or the best quality siding with well-designed fenestration, high quality sash, custom ornamentation and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ½" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are the best quality carpet, vinyl, hardwood, marble, slate or tile.

INTERIOR FINISH: Interior walls are painted drywall with best grade paper or vinyl covering, hardwood paneling, or ceramic tile. Finest quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Custom built kitchen with pantry, cooking island, built-in microwave, dishwasher, disposal, and custom-made cabinetry with imported ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with ornamental hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three and one-half baths. Finest quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Numerous well positioned outlets and finest quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of the finest quality and workmanship, exhibiting unique and elaborate attention to detail.

EXAMPLES OF GRADE AA RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade A Residence

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stucco, stone, cedar, vinyl or high-quality siding with well-designed fenestration, high quality sash, custom ornamentation, and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ¼" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are high quality carpet, vinyl, hardwood, marble, slate, or tile.

INTERIOR FINISH: Interior walls are painted drywall with high grade paper or vinyl covering, hardwood paneling, or ceramic tile. High quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with good quality hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets, and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three full baths. High-quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of excellent quality materials and workmanship, exhibiting outstanding architectural styling and treatment, and having an abundance of built-in features. Architect designed and supervised homes would normally fall into this classification.

EXAMPLES OF GRADE A RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade B Residence

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stone, cedar, vinyl or good quality siding with good fenestration and good quality sash. 2x4 or 2x6 wood studs 16" on center, 1 ¾" wood exterior doors, good quality wood or vinyl insulated windows with some ornamental trim.

ROOFING: Gable or hipped, tongue and groove plywood sheathed, covered with wood shake or architectural shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are good quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with good grade paper or vinyl wall covering with some paneling. Kitchen and baths have enamel painted walls and ceilings. An ample number of cabinets with natural wood veneer finish are used in kitchen and bath areas. Countertops are laminated plastic, ceramic tile, or simulated marble. Doors are good quality hollow-core fir or pine with enameled trim. Walk-in closets or large sliding door wardrobes. Ample linen closets and storage closets. Workmanship throughout is good quality.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Two and one-half baths. Good quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: A good amount of convenience outlets and good quality lighting fixtures throughout. Luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of good quality materials and workmanship, exhibiting pronounced architectural styling and treatment and having an ample number of built-in features. Custom built tract homes would normally fall into this classification.

EXAMPLES OF GRADE B RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade C Residence

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Frame, vinyl, brick, or average quality siding with standard sash. 2x4 wood studs 16" on center, 1 ¾" wood exterior doors, average quality wood double hung windows.

ROOFING: Gable or hipped, plywood sheathed, covered with asphalt shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are average quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with inexpensive wallpaper or paneling. Kitchen and baths have enamel painted walls and ceilings. Pre-finished plywood cabinets are used in kitchen areas and small vanities in bath areas. Countertops are laminated plastic, ceramic tile. Doors are medium grade hollow-core with standard grade hardware. An adequate amount of closet space. Baseboard moldings and casings are stock quality. Workmanship throughout is average quality.

HEATING: Forced air furnace and/or heat pump with adequate output and duct work. Optional vented or unvented gas fireplaces.

PLUMBING: Two full baths. Average quality white or colored fixtures including water heater, kitchen sink, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: An adequate number of outlets with some luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of average quality materials and workmanship, exhibiting moderate architectural styling and treatment, and having a minimal number of built-in features. Typical tract homes would normally fall into this classification.

EXAMPLES OF GRADE C RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade D Residence

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and piers.

EXTERIOR WALLS: Wood, asbestos, vinyl, or aluminum siding with inexpensive sash. 2x4 wood studs 16" on center, 1 3/8" wood exterior doors, double hung wood sash or aluminum frame windows.

ROOFING: Gable roof, sheathed with plywood or 1" planks, covered with asphalt shingles or metal roofing; 2x6 rafters or prefabricated trusses; plain wood cornice, galvanized metal gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor or 1" plank sheathing on older homes. Floor coverings are linoleum, asphalt tile or carpet.

INTERIOR FINISH: Interior walls are painted drywall or plaster with enamel painted walls and ceilings. Inexpensive paint grade wood cabinets in kitchen areas with small vanity in bath. Countertops are laminated plastic with small splash. Stock hollow-core doors with inexpensive hardware. Minimal amount of closet space. Workmanship throughout is below average quality but will still meet minimum construction codes.

HEATING: Forced air furnace or electric baseboard heat with minimum output, thermostat, and duct work.

PLUMBING: One full bath. Inexpensive quality white fixtures including water heater, kitchen sink, stall shower, lavatories, tub, and shower. Some galvanized piping.

ELECTRICAL: A minimal number of outlets and lighting fixtures.

Dwellings constructed of fair quality materials and workmanship, exhibiting generally lacking architectural styling and treatment and having a scant number of built-in features. Economy mass-built homes would normally fall into this classification.

EXAMPLES OF GRADE D RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade E Residence

CHARACTERISTICS:

FOUNDATION: Cement block, brick or rock continuous foundation with block, brick, or wood piers.

EXTERIOR WALLS: Wood frame, cement block, asbestos, or composition roll siding with inexpensive sash and little or no trim. 2x4 wood studs 24" on center, 1 3/8" wood exterior doors and wood painted windows.

ROOFING: Gable or shed roof, sheathed with plywood or 1" planks, covered with low quality asphalt shingles or metal roofing; 2x4 rafters 24" on center; no cornice or gutters.

FLOORING: Basement floor poured with 3" cement on earth. Upper floor has plywood flooring or 1" plank sheathing on older homes. Floor coverings are low-grade linoleum, asphalt tile or carpet.

INTERIOR FINISH: Interior walls are inexpensive drywall or plaster with painted walls and ceilings. Inexpensive paint grade wood cabinets in kitchen areas with small vanity in bath. Countertops are low-cost laminated plastic with small splash. Stock hollow-core doors with low-cost hardware. Minimal amount of closet space. Workmanship throughout is poor quality but will still meet minimum construction codes if new construction.

HEATING: Forced air furnace, electric baseboard, unit heaters or wood heat with minimum output and duct work.

PLUMBING: One full bath. Low-cost white fixtures including water heater, kitchen sink, stall shower, lavatories, tub, and shower. Some galvanized piping.

ELECTRICAL: A minimal number of outlets and lighting fixtures.

Dwellings constructed of low-cost materials and poor workmanship, lacking any architectural treatment or built-in features. Interior and exterior finishes are plain and inexpensive with little or no attention to detail. Normally, self-built homes would fall into this classification.

EXAMPLES OF GRADE E RESIDENCE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade A Condominium

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stucco, stone, cedar, vinyl or high-quality siding with well-designed fenestration, high quality sash, custom ornamentation, and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ¼" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are high quality carpet, vinyl, hardwood, marble, slate, or tile.

INTERIOR FINISH: Interior walls are painted drywall with high grade paper or vinyl covering, hardwood paneling, or ceramic tile. High quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with good quality hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets, and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three full baths. High-quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of excellent quality materials and workmanship, exhibiting outstanding architectural styling and treatment, and having an abundance of built-in features. Architect designed and supervised homes would normally fall into this classification.

EXAMPLES OF GRADE A CONDOMINIUM

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade B Condominium

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stone, cedar, vinyl or good quality siding with good fenestration and good quality sash. 2x4 or 2x6 wood studs 16" on center, 1 ¾" wood exterior doors, good quality wood or vinyl insulated windows with some ornamental trim.

ROOFING: Gable or hipped, tongue and groove plywood sheathed, covered with wood shake or architectural shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are good quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with good grade paper or vinyl wall covering with some paneling. Kitchen and baths have enamel painted walls and ceilings. An ample number of cabinets with natural wood veneer finish are used in kitchen and bath areas. Countertops are laminated plastic, ceramic tile, or simulated marble. Doors are good quality hollow-core fir or pine with enameled trim. Walk-in closets or large sliding door wardrobes. Ample linen closets and storage closets. Workmanship throughout is good quality.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Two and one-half baths. Good quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: A good amount of convenience outlets and good quality lighting fixtures throughout. Luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of good quality materials and workmanship, exhibiting pronounced architectural styling and treatment and having an ample number of built-in features. Custom built tract homes would normally fall into this classification.

EXAMPLES OF GRADE B CONDOMINIUM

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade C Condominium

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Frame, vinyl, brick, or average quality siding with standard sash. 2x4 wood studs 16" on center, 1 ¾" wood exterior doors, average quality wood double hung windows.

ROOFING: Gable or hipped, plywood sheathed, covered with asphalt shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are average quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with inexpensive wallpaper or paneling. Kitchen and baths have enamel painted walls and ceilings. Pre-finished plywood cabinets are used in kitchen areas and small vanities in bath areas. Countertops are laminated plastic, ceramic tile. Doors are medium grade hollow-core with standard grade hardware. An adequate amount of closet space. Baseboard moldings and casings are stock quality. Workmanship throughout is average quality.

HEATING: Forced air furnace and/or heat pump with adequate output and duct work. Optional vented or unvented gas fireplaces.

PLUMBING: Two full baths. Average quality white or colored fixtures including water heater, kitchen sink, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: An adequate number of outlets with some luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of average quality materials and workmanship, exhibiting moderate architectural styling and treatment, and having a minimal number of built-in features. Typical tract homes would normally fall into this classification.

EXAMPLES OF GRADE C CONDOMINIUM

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade A Duplex

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stucco, stone, cedar, vinyl or high-quality siding with well-designed fenestration, high quality sash, custom ornamentation, and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ¼" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are high quality carpet, vinyl, hardwood, marble, slate, or tile.

INTERIOR FINISH: Interior walls are painted drywall with high grade paper or vinyl covering, hardwood paneling, or ceramic tile. High quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with good quality hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets, and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three full baths. High-quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of excellent quality materials and workmanship, exhibiting outstanding architectural styling and treatment, and having an abundance of built-in features. Architect designed and supervised homes would normally fall into this classification.

EXAMPLES OF GRADE A DUPLEX

(NONE AT THIS TIME)

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Grade B Duplex

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stone, cedar, vinyl or good quality siding with good fenestration and good quality sash. 2x4 or 2x6 wood studs 16" on center, 1 ¾" wood exterior doors, good quality wood or vinyl insulated windows with some ornamental trim.

ROOFING: Gable or hipped, tongue and groove plywood sheathed, covered with wood shake or architectural shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are good quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with good grade paper or vinyl wall covering with some paneling. Kitchen and baths have enamel painted walls and ceilings. An ample number of cabinets with natural wood veneer finish are used in kitchen and bath areas. Countertops are laminated plastic, ceramic tile, or simulated marble. Doors are good quality hollow-core fir or pine with enameled trim. Walk-in closets or large sliding door wardrobes. Ample linen closets and storage closets. Workmanship throughout is good quality.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Two and one-half baths. Good quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: A good amount of convenience outlets and good quality lighting fixtures throughout. Luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of good quality materials and workmanship, exhibiting pronounced architectural styling and treatment and having an ample number of built-in features. Custom built tract homes would normally fall into this classification.

EXAMPLES OF GRADE B DUPLEX

(NONE AT THIS TIME)

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade C Duplex

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Frame, vinyl, brick, or average quality siding with standard sash. 2x4 wood studs 16" on center, 1 ¾" wood exterior doors, average quality wood double hung windows.

ROOFING: Gable or hipped, plywood sheathed, covered with asphalt shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are average quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with inexpensive wallpaper or paneling. Kitchen and baths have enamel painted walls and ceilings. Pre-finished plywood cabinets are used in kitchen areas and small vanities in bath areas. Countertops are laminated plastic, ceramic tile. Doors are medium grade hollow-core with standard grade hardware. An adequate amount of closet space. Baseboard moldings and casings are stock quality. Workmanship throughout is average quality.

HEATING: Forced air furnace and/or heat pump with adequate output and duct work. Optional vented or unvented gas fireplaces.

PLUMBING: Two full baths. Average quality white or colored fixtures including water heater, kitchen sink, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: An adequate number of outlets with some luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of average quality materials and workmanship, exhibiting moderate architectural styling and treatment, and having a minimal number of built-in features. Typical tract homes would normally fall into this classification.

EXAMPLES OF GRADE C DUPLEX

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade A Garage Apartment

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stucco, stone, cedar, vinyl or high-quality siding with well-designed fenestration, high quality sash, custom ornamentation, and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ¼" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are high quality carpet, vinyl, hardwood, marble, slate, or tile.

INTERIOR FINISH: Interior walls are painted drywall with high grade paper or vinyl covering, hardwood paneling, or ceramic tile. High quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with good quality hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets, and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three full baths. High-quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of excellent quality materials and workmanship, exhibiting outstanding architectural styling and treatment, and having an abundance of built-in features. Architect designed, and supervised homes would normally fall into this classification.

EXAMPLES OF GRADE A GARAGE APARTMENT

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Grade B Garage Apartment

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stone, cedar, vinyl or good quality siding with good fenestration and good quality sash. 2x4 or 2x6 wood studs 16" on center, 1 ¾" wood exterior doors, good quality wood or vinyl insulated windows with some ornamental trim.

ROOFING: Gable or hipped, tongue and groove plywood sheathed, covered with wood shake or architectural shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are good quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with good grade paper or vinyl wall covering with some paneling. Kitchen and baths have enamel painted walls and ceilings. An ample number of cabinets with natural wood veneer finish are used in kitchen and bath areas. Countertops are laminated plastic, ceramic tile, or simulated marble. Doors are good quality hollow-core fir or pine with enameled trim. Walk-in closets or large sliding door wardrobes. Ample linen closets and storage closets. Workmanship throughout is good quality.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Two and one-half baths. Good quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: A good amount of convenience outlets and good quality lighting fixtures throughout. Luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of good quality materials and workmanship, exhibiting pronounced architectural styling and treatment and having an ample number of built-in features. Custom built tract homes would normally fall into this classification.

EXAMPLES OF GRADE B GARAGE APARTMENT

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Grade C Garage Apartment

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Frame, vinyl, brick, or average quality siding with standard sash. 2x4 wood studs 16" on center, 1 ¾" wood exterior doors, average quality wood double hung windows.

ROOFING: Gable or hipped, plywood sheathed, covered with asphalt shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are average quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with inexpensive wallpaper or paneling. Kitchen and baths have enamel painted walls and ceilings. Pre-finished plywood cabinets are used in kitchen areas and small vanities in bath areas. Countertops are laminated plastic, ceramic tile. Doors are medium grade hollow-core with standard grade hardware. An adequate amount of closet space. Baseboard moldings and casings are stock quality. Workmanship throughout is average quality.

HEATING: Forced air furnace and/or heat pump with adequate output and duct work. Optional vented or unvented gas fireplaces.

PLUMBING: Two full baths. Average quality white or colored fixtures including water heater, kitchen sink, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: An adequate number of outlets with some luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of average quality materials and workmanship, exhibiting moderate architectural styling and treatment, and having a minimal number of built-in features. Typical tract homes would normally fall into this classification.

EXAMPLES OF GRADE C GARAGE APARTMENT

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Grade A Townhouse

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stucco, stone, cedar, vinyl or high-quality siding with well-designed fenestration, high quality sash, custom ornamentation, and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ¼" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are high quality carpet, vinyl, hardwood, marble, slate, or tile.

INTERIOR FINISH: Interior walls are painted drywall with high grade paper or vinyl covering, hardwood paneling, or ceramic tile. High quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with good quality hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets, and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three full baths. High-quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of excellent quality materials and workmanship, exhibiting outstanding architectural styling and treatment, and having an abundance of built-in features. Architect designed, and supervised homes would normally fall into this classification.

EXAMPLES OF GRADE A TOWNHOUSE

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Grade B Townhouse

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stone, cedar, vinyl or good quality siding with good fenestration and good quality sash. 2x4 or 2x6 wood studs 16" on center, 1 ¾" wood exterior doors, good quality wood or vinyl insulated windows with some ornamental trim.

ROOFING: Gable or hipped, tongue and groove plywood sheathed, covered with wood shake or architectural shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are good quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with good grade paper or vinyl wall covering with some paneling. Kitchen and baths have enamel painted walls and ceilings. An ample number of cabinets with natural wood veneer finish are used in kitchen and bath areas. Countertops are laminated plastic, ceramic tile, or simulated marble. Doors are good quality hollow-core fir or pine with enameled trim. Walk-in closets or large sliding door wardrobes. Ample linen closets and storage closets. Workmanship throughout is good quality.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Two and one-half baths. Good quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: A good amount of convenience outlets and good quality lighting fixtures throughout. Luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of good quality materials and workmanship, exhibiting pronounced architectural styling and treatment and having an ample number of built-in features. Custom built tract homes would normally fall into this classification.

EXAMPLES OF GRADE B TOWNHOUSE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade C Townhouse

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Frame, vinyl, brick, or average quality siding with standard sash. 2x4 wood studs 16" on center, 1 ¾" wood exterior doors, average quality wood double hung windows.

ROOFING: Gable or hipped, plywood sheathed, covered with asphalt shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are average quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with inexpensive wallpaper or paneling. Kitchen and baths have enamel painted walls and ceilings. Pre-finished plywood cabinets are used in kitchen areas and small vanities in bath areas. Countertops are laminated plastic, ceramic tile. Doors are medium grade hollow-core with standard grade hardware. An adequate amount of closet space. Baseboard moldings and casings are stock quality. Workmanship throughout is average quality.

HEATING: Forced air furnace and/or heat pump with adequate output and duct work. Optional vented or unvented gas fireplaces.

PLUMBING: Two full baths. Average quality white or colored fixtures including water heater, kitchen sink, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: An adequate number of outlets with some luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of average quality materials and workmanship, exhibiting moderate architectural styling and treatment, and having a minimal number of built-in features. Typical tract homes would normally fall into this classification.

EXAMPLES OF GRADE C TOWNHOUSE

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade A Boathouse Living Area

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stucco, stone, cedar, vinyl or high-quality siding with well-designed fenestration, high quality sash, custom ornamentation, and trim. 2x4 or 2x6 wood or metal studs 16" on center, 1 ¾" – 2 ¼" fine quality exterior doors, best quality wood or vinyl insulated windows with custom ornamentation and trim.

ROOFING: Gable, hipped or contemporary designed, tongue and groove plywood sheathed, covered with slate, tile, wood shake or architectural shingles; 2x10 rafters or custom-built trusses; ornamental wood cornice, copper flashing and gutters.

FLOORING: Basement floor poured with 4" reinforced concrete. Upper floors have ¾" tongue and groove sub floor with underlayment. Floor coverings are high quality carpet, vinyl, hardwood, marble, slate, or tile.

INTERIOR FINISH: Interior walls are painted drywall with high grade paper or vinyl covering, hardwood paneling, or ceramic tile. High quality vanities in bathrooms and dressing areas with ceramic, tile, marble, or Corian countertops. Raised panel hardwood veneer or enameled doors with good quality hardware. High grade ornamental moldings with tight mitered corners. Spacious walk-in closets, wardrobes, linen closets, and pantries that are fully shelved.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and large capacity insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Three full baths. High-quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled shower stalls, bidet, lavatories, tub and shower, wet bar, and whirlpool tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of excellent quality materials and workmanship, exhibiting outstanding architectural styling and treatment, and having an abundance of built-in features. Architect designed, and supervised homes would normally fall into this classification.

EXAMPLES OF GRADE A BOATHOUSE LIVING AREA

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade B Boathouse Living Area

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Brick, stone, cedar, vinyl or good quality siding with good fenestration and good quality sash. 2x4 or 2x6 wood studs 16" on center, 1 ¾" wood exterior doors, good quality wood or vinyl insulated windows with some ornamental trim.

ROOFING: Gable or hipped, tongue and groove plywood sheathed, covered with wood shake or architectural shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are good quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with good grade paper or vinyl wall covering with some paneling. Kitchen and baths have enamel painted walls and ceilings. An ample number of cabinets with natural wood veneer finish are used in kitchen and bath areas. Countertops are laminated plastic, ceramic tile, or simulated marble. Doors are good quality hollow-core fir or pine with enameled trim. Walk-in closets or large sliding door wardrobes. Ample linen closets and storage closets. Workmanship throughout is good quality.

HEATING: Forced air furnaces and/or heat pumps with central air conditioning, multiple controls, and insulated ductwork. Optional vented or unvented gas fireplaces.

PLUMBING: Two and one-half baths. Good quality white or colored fixtures including water heaters, kitchen sinks, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: A good amount of convenience outlets and good quality lighting fixtures throughout. Luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of good quality materials and workmanship, exhibiting pronounced architectural styling and treatment and having an ample number of built-in features. Custom built tract homes would normally fall into this classification.

EXAMPLES OF GRADE B BOATHOUSE LIVING AREA

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade C Boathouse Living Area

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block perimeter and interior load bearing wall, waterproofed with drainage system.

EXTERIOR WALLS: Frame, vinyl, brick, or average quality siding with standard sash. 2x4 wood studs 16" on center, 1 ¾" wood exterior doors, average quality wood double hung windows.

ROOFING: Gable or hipped, plywood sheathed, covered with asphalt shingles; 2x8 rafters or custom-built trusses; plain wood cornice, metal flashing and gutters.

FLOORING: Basement floor poured with 3 ½" reinforced concrete. Upper floors have ¾" tongue and groove sub floor. Floor coverings are average quality carpet, vinyl, or hardwood.

INTERIOR FINISH: Interior walls are painted drywall with inexpensive wallpaper or paneling. Kitchen and baths have enamel painted walls and ceilings. Pre-finished plywood cabinets are used in kitchen areas and small vanities in bath areas. Countertops are laminated plastic, ceramic tile. Doors are medium grade hollow-core with standard grade hardware. An adequate amount of closet space. Baseboard moldings and casings are stock quality. Workmanship throughout is average quality.

HEATING: Forced air furnace and/or heat pump with adequate output and duct work. Optional vented or unvented gas fireplaces.

PLUMBING: Two full baths. Average quality white or colored fixtures including water heater, kitchen sink, laundry tub, tiled or modular plastic shower stall, lavatories, tub, and shower.

ELECTRICAL: An adequate number of outlets with some luminous fixtures in kitchen and bath areas. Some recessed, track and fluorescent lighting possible.

Dwellings constructed of average quality materials and workmanship, exhibiting moderate architectural styling and treatment, and having a minimal number of built-in features. Typical tract homes would normally fall into this classification.

EXAMPLES OF GRADE C BOATHOUSE LIVING AREA

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade A Manufactured Home

Manufactured homes constructed of excellent quality materials and workmanship, exhibiting outstanding styling and treatment, and having an abundance of built-in features.

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter, bricked, and vented.

EXTERIOR WALLS: 7 ½ foot exterior walls, 2x4 or 2x6 studs 16" on center, ½" OSB sheathing with lifetime name brand vinyl, excellent quality or comparable to cedar or other exterior finish. Thermal windows, steel, or vinyl with 6 panels. Insulated exterior doors, French doors, bay windows, thermal siding doors and skylights.

ROOFING: Gable roof, 2x4 trusses 16" on center, OSB sheathing, 25-year shingles with 5 in 12 pitch or greater.

FLOORING: 2x8 floor joists 16" on center, ¾" plywood subfloor covered with good grade carpet, vinyl, or hardwood flooring.

INTERIOR FINISH: ½" to 5/8" drywall, 2x4 studs 16" on center with marriage walls, some wallpaper or paneling. Crown molding, chair rail and vaulted ceilings in most models. Excellent kitchen cabinetry. Walk-in closets with shelving.

HEATING: Forced air furnace or heat pump with central air conditioning. Optional vented or unvented gas fireplaces.

PLUMBING: Two to two and one-half baths. Kitchen sink is single lever with spray, excellent quality fixtures including one-piece fiberglass shower and tub.

ELECTRICAL: Many well positioned outlets and high-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas. Some recessed, track and fluorescent lighting possible.

EXAMPLES OF GRADE A MANUFACTURED HOME

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Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade B Manufactured Home

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter, bricked, and vented.

EXTERIOR WALLS: 7 ½ foot exterior walls, 2x4 studs 16" on center, ½" OSB sheathing with lifetime name brand vinyl, good quality or comparable to cedar or other exterior finish. Four to six panel thermal windows.

ROOFING: Gable roof, 2x4 trusses 16" on center, OSB sheathing, 20-year shingles with 4 in 12 pitch or greater.

FLOORING: 2x6 floor joists 16" on center, ¾" plywood subfloor covered with good grade carpet or vinyl.

INTERIOR FINISH: ½" to 5/8" drywall, 2x4 studs 16" on center with marriage walls. Crown molding, chair rail and vaulted ceilings in most models. Good kitchen cabinetry.

HEATING: Forced air furnace or heat pump with central air conditioning. Optional vented or unvented gas fireplaces.

PLUMBING: Two to two and one-half baths. Kitchen sink is single lever with spray, good quality fixtures including one-piece fiberglass shower and tub.

ELECTRICAL: Many well positioned outlets and moderate-quality lighting fixtures throughout. Large, luminous fixtures in kitchen, bath, and dressing areas.

Manufactured homes constructed of good quality materials and workmanship, exhibiting good styling and treatment.

EXAMPLES OF GRADE B MANUFACTURED HOME

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade C Manufactured Home

CHARACTERISTICS:

FOUNDATION: A continuous reinforced concrete block or poured concrete perimeter, bricked, and vented or aluminum or vinyl skirting.

EXTERIOR WALLS: 7 to 7 ½ foot exterior walls, 2x3 or 2x4 studs 16" on center, mostly pressboard sheathing with lifetime name brand vinyl. Basic mobile home windows and doors.

ROOFING: Gable roof, 2x4 trusses 16" on center, OSB sheathing, 20-year shingles with 4 in 12 pitch or greater.

FLOORING: 2x6 floor joists 16" on center, on metal frame, ¾" plywood subfloor covered with carpet or vinyl.

INTERIOR FINISH: ½" drywall, 2x4 studs 16" on center with marriage walls. Small appliance package.

HEATING: Forced air furnace or heat pump with central air conditioning. Optional vented or unvented gas fireplaces.

PLUMBING: One and one-half to two baths. Kitchen sink is single lever with spray, average quality fixtures including basic fiberglass shower and tub.

ELECTRICAL: Basic low-cost fixtures.

Manufactured homes constructed of average quality materials and workmanship, exhibiting average styling and treatment.

EXAMPLES OF GRADE C MANUFACTURED HOME

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade D Manufactured Home

CHARACTERISTICS:

FOUNDATION: A continuous concrete block perimeter or aluminum or vinyl skirting.

EXTERIOR WALLS: 7-foot exterior walls, 2x3 studs 16" on center, mostly pressboard sheathing with low grade vinyl siding or Masonite siding. Low-cost mobile home windows and doors.

ROOFING: Gable roof, 2x3 trusses 24" on center, wafer board sheathing with 3 in 12 pitch or greater or metal roof.

FLOORING: 2x6 floor joists 16" on center, on metal frame, low-cost decking covered with carpet or vinyl tile.

INTERIOR FINISH: ½" drywall or panels with batten, 2x3 studs 24" on center, paneled ceilings. Small appliance package.

HEATING: Electric furnace.

PLUMBING: One bath, plastic-type fixtures with low-cost tub and shower.

ELECTRICAL: Basic low cost, minimal fixtures.

Manufactured homes constructed of fair quality materials and workmanship, generally lacking styling, and treatment.

EXAMPLES OF GRADE D MANUFACTURED HOME

Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Grade E Manufactured Home

CHARACTERISTICS:

FOUNDATION: Cement block, aluminum, wood, or no skirting.

EXTERIOR WALLS: 7-foot exterior walls, 2x3 studs 24" on center, pressboard sheathing with Masonite or metal siding. Low-cost mobile home windows and doors.

ROOFING: Gable roof, 2x3 trusses 24" on center, no overhangs, wafer board sheathing, low-cost shingles with 3 in 12 pitch or greater or metal roof.

FLOORING: 2x6 floor joists 16" on center, on metal frame, low-cost decking covered with carpet or linoleum.

INTERIOR FINISH: ½" drywall or panels with batten, 2x2 studs 24" on center, paneled ceilings.

HEATING: Electric furnace.

PLUMBING: One bath, plastic-type fixtures with low-cost tub and shower.

ELECTRICAL: Basic low cost, minimal fixtures.

Manufactured homes constructed of low-cost materials and workmanship, lacking any treatment or built-in features. Interior and exterior finishes are plain and inexpensive.

EXAMPLES OF GRADE E MANUFACTURED HOME

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Photographs are only an indication of grade and not a determination of actual grade of dwellings shown. Grade must be based on individual inspection of the type of materials and quality of construction of the subject dwelling. These grading specifications are only guidelines for general descriptive purposes and may or may not be limited to the detail of the individual components.

Tables, Guides & Schedules

This section contains the tables, guides and schedules used to value property for ad valorem tax purposes within Henderson County. Tables, guides, and schedules provided within this section include:

TABLE	DESCRIPTION
	2023 SCHEDULE OF VALUES TABLE DESCRIPTION
	Taxation of Low-Income Housing Property
	Utilization of Replacement Cost Less Depreciation
	Base Replacement Cost Formula: Residential Property
	Condition/Desirability/Utility (CDU) Depreciation Rating Guide
	New Construction Percentage of Completion Guide
	Guide to Leasehold Improvements
	Commercial / Industrial Building Use Descriptions
	Commercial Outbuilding Descriptions
A1	Land Pricing by Square Foot
A2	Land Pricing by Acre
A3	Land Pricing by Unit
A4	Land Size Adjustment Factor
B1	Residential Building Base Price
B2	Residential Building Grade Adjustment
B3	Residential Building Economic Life
B4	Residential Building Depreciation Schedule for 105 Year Life
B5	Residential Building Size Adjustment Factor
B6	Residential Number of Story Adjustment Factor
B7	Residential Air Conditioning Adjustment
B8	Residential Bath Fixtures Adjustment
B9	Residential Exterior Finish Adjustment
B10	Residential Foundation Adjustment
B11	Residential Fireplace Adjustment
B12	Residential Heating Adjustment
B13	Residential Additions Pricing
C1	Commercial Section Base Price
C2	Commercial Building Grade Adjustment
C3	Commercial Section Building Economic Life
C4	Commercial Building Depreciation Schedule for 105 Year Life
C5	Commercial Air Conditioning Adjustment
C6	Commercial Bath Fixtures Adjustment
C7	Commercial Heating Adjustment
C8	Commercial Elevator Pricing Model
C9	Commercial Fireplace Pricing Model
C10	Commercial Building Sprinkler Pricing Model
C11	Commercial Additions Pricing
D1	Miscellaneous Improvement Base Price
D2	Miscellaneous Improvement Grade Adjustment
D3	Miscellaneous Improvement Economic Life
D4	Miscellaneous Improvement Depreciation Schedule for 105 Year Life

Taxation of Low-Income Housing Property

NCGS §105-277.16   Taxation of low-income housing property.

A North Carolina low-income housing development to which the North Carolina Housing Finance Agency allocated a federal tax credit under Section 42 of the Code is designated a special class of property under Article V, Section 2(2) of the North Carolina Constitution and must be appraised, assessed, and taxed in accordance with this section. The assessor must use the income approach as the method of valuation for property classified under this section and must take rent restrictions that apply to the property into consideration in determining the income attributable to the property. The assessor may not consider income tax credits received under Section 42 of the Code or under G.S. §105-129.42 in determining the income attributable to the property.

Utilization of Replacement Cost Less Depreciation

The Cost Approach to value lends itself best to property valuation for tax purposes for two principal reasons:

1. Appraisals for ad valorem taxes generally require separate land value estimates. NCGS §105-317(a)(1) requires the following:

    "In determining the true value of land, to consider as to each tract, parcel or lot separately listed at least its advantages and disadvantages as to location, zoning, quality of soil, water power, water privileges, dedication as a nature preserve, conservation or preservation agreements, mineral, quarry or other valuable deposits, fertility, adaptability for agricultural, timber-producing, commercial, industrial, or other uses, past income, probable future income and any other factors that may affect its value except growing crops of a seasonal or annual nature."

2. The Cost Approach can be applied to all classes of property.

The use of one approach to the exclusion of the others is contrary to the appraisal process. The better method would therefore be an integrated approach based essentially upon cost but incorporating both market comparison and income whenever feasible and appropriate.

The cost schedules included in this Manual are based on a typically constructed 1,500 square foot dwelling of average quality components and workmanship with eight standard plumbing fixtures (water heater, kitchen sink, and two full, 3-fixture baths) and a central heating system.

All necessary adjustments to reflect any variance from base are also supplied.

Base Replacement Cost Formula: Residential Property
(2023 Reappraisal)

Subject Area Adjusted by Size Factor

Rate * Size Adjustment Factor * Area = Replacement Cost New

A Base Replacement Cost Formula has been developed to generate a replacement cost. Size factors have been developed to show the relationship between the base area (1,500 square feet) and other size possibilities of the subject property. The adjusted rate is then multiplied by the subject area to produce the replacement cost of the subject property. This example is for size adjustment only. It does not include any adjustments for refinements, additions, grade adjustments, or depreciation.

EXAMPLE:
Assume a base rate of $115. A dwelling with an area of 1,632 square feet has a replacement cost of $151,905 as determined by the following procedure:

Adjusted Rate: Base Rate ($115) * Size Factor of .9798	$ 112.67
Size Adjusted Rate * Subject Area (1,632 square feet)	$183,877.44
Subject Replacement Cost New (Rounded)	**$183,877.00**

Condition/Desirability/Utility (CDU) Depreciation Rating Guide

Age is reflected as an index of the normal deterioration and obsolescence in a structure that may be expected over the years. *Condition* represents a variable measure of the effects of maintenance and remodeling of a building. *Desirability* is a measure of the degree of appeal a building may have to prospective purchasers. *Utility* is a measure of the usefulness of the structure for the purpose for which it may be used.

CDU Ratings provide a logical method by which normal age depreciation may be modified according to the appraiser's best determination of the relative loss in value in a structure as compared to the average loss that might be expected. To assist the appraiser in establishing CDU Ratings of buildings (including manufactured homes), eight simple classifications have been established.

Once the CDU Rating of a building has been established through a consideration of its Condition, Desirability and Utility for its age and type, reference to the Basic Depreciation Table will indicate the appropriate depreciation allowance for a structure possessing these qualities to the degree observed and noted by the appraiser.

The following Guide describes CDU Ratings with accompanying definitions of the observed physical condition of the building and its degree of desirability and usefulness for its age and type:

CDU RATING OF DWELLING	DEFINITION
Excellent	Building is in perfect condition; highly attractive and desirable
Very Good	Slight evidence of deterioration; still attractive and quite desirable
Good	Minor deterioration visible; slightly less attractive and desirable but useful
Average	Normal wear and tear is apparent; average attractiveness and desirability
Fair	Marked deterioration but quite useful; rather unattractive and undesirable
Poor	Definite deterioration is obvious; undesirable and barely useful
Very Poor	Condition approaches unsoundness; extremely undesirable and barely useful
Unsound	Building is unsound and practically unfit for use

New Construction Percentage of Completion Guide

This Guide is to be used by Henderson County appraisers in estimating the percentage of completion of both residential and commercial buildings under construction. If possible, it is essential to estimate the percentage of completion as of January 1 of the year for which the appraisal is being made and for which taxes on the value of the new construction will be levied.

Items Complete	% Of Completion
Lot cleared, footings poured, foundation laid, floors framed	10%
Walls and roof framed	20%
Plumbing and electrical roughed-in, insulated and roof shingled	30%
Concrete poured, windows and exterior doors hung	40%
Interior walls and ceilings hung, exterior siding and trim up	50%
Interior and exterior painting done	60%
Interior doors and trim hung, cabinets in place	70%
HVAC, electrical and plumbing fixtures installed	80%
Floor coverings laid, screening hung, columns and rails installed	90%
Appliances installed, gutters hung, landscaping completed	100%

Guide to Leasehold Improvements

Leasehold improvements are modifications made to leased premises used for business purposes by the tenant or the lessee. They are taxable in North Carolina as business personal property. It is the responsibility of the lessee (not the real property owner) to properly list these improvements with the Assessor as of January 1 of each year.

Any modifications made to a leased premise for improving the tenant's comfort, enhancing the tenant's image, or promoting the tenant's business viability are considered leasehold improvements. There are two tests for determining whether a modification is a leasehold improvement:
1. They are made by the tenant or at the tenant's request for the benefit of the tenant's business and not for the benefit of the structure or parcel in or which the business is operated.
2. They can be removed without material injury to the premises.

The ownership or taxability of leasehold improvements may be further or otherwise defined by a lease agreement between the landlord and tenant.

The following are examples of real property taxable to the building/landowner and personal property/leasehold improvements taxable to the lessee:

PROPERTY TYPE	CATEGORY
Plumbing: Waste supply lines, waste, and vent lines	Real Property
Electrical: Main electrical connections, breaker panels, transformers, and meters for building	Real Property
Electrical: All wiring for basic electrical service	Real Property
Electrical: Additional electrical connections, breaker panels, transformers, meters, and wiring for equipment	Personal Property
Floor and floor covering concrete slab floor or frame subfloor	Real Property
Floor and floor covering tile, vinyl flooring, carpet glued to concrete slab floor	Any flooring material installed by the tenant over the base floor or sub-floor is a leasehold improvement
Baseboards	Personal Property when added by the tenant
Lighting: Panel lighting, track lighting, lens covers	Personal property when added by the tenant
Lighting: Outdoor lighting	Personal Property
Lighting: Emergency light and exit lights	Personal Property
Doors: Rolling grill doors (security gates) as in malls	Personal Property
Doors: Fire doors	Real Property
Locks and alarm locks	Personal Property

Guide to Leasehold Improvements (Continued)	
Interior finishes: beams	Real Property
Interior finishes: floor to ceiling walls	Real Property
Interior finishes: column enclosures, painting and staining, wall cover, moveable, freestanding, partitions, mirrors affixed to walls, built-in counters, fitting rooms	Personal Property
HVAC system – rooftop	Real Property
Sprinkler system (building)	Real Property
Sprinkler system (additional sprinklers for equipment)	Personal Property
Smoke detector systems	Personal Property
Signs	All signs are considered personal property even when permanently affixed to the ground
Store fronts	Real property: removal would materially harm the premises
Construction allowances paid to the tenants	Personal Property

Note that architectural, engineering fees, freight, transportation, and installation costs attributable to the design and construction of leasehold improvements are considered part of the improvements.

Commercial / Industrial Building Use Descriptions

Apartments
Multi-Unit Apartments
Multi-Unit apartments consist of apartment buildings typically no higher than one story. They are usually medium density buildings with no more than four units per building.

Garden Apartment
These apartments are typically two or three-story buildings designed and used as apartments. They are distinguished by their lower story height, "garden-like" setting, and (often) a suburban location.

Row (Townhouse) Apartments
Typically designed as two-story attached units which are constructed in a row, sharing common walls, and have similar architectural styles.

Converted Apartments

These properties were originally designed for some other use (large single-family residence) but have been converted to multiple tenant living accommodations. The living units resulting from these conversions usually have poor functional utility. There can be any number of apartments.

Apartment Condos

These are apartments that have been converted from some type of commercial use and have since been subdivided as living accommodations. These will usually be on the upper floors of buildings, primarily found in the central business district.

Mixed Use/Apartment

These are commercial structures containing commercial apartment accommodations in addition to some other commercial use. The key to using this code is that the apartments are **NOT** the primary use of the commercial property being described.

Walk-up Apartments

Walk-up Apartments consist of apartment buildings typically no higher than 4 to 8 stories with no elevators. They are usually medium density buildings with 4 to 8 units per floor.

High-rise Apartments

These are elevator-serviced buildings of four (4) stories or more. High-rise apartments usually represent highest unit density of any apartment use. An allowance for elevators commensurate with size is included.

Automotive
Automotive Showroom

A large, open sales area characterized by large display windows, good lighting, average or superior interior finish. There are typically small, partitioned offices, and there may be lounges, waiting rooms, and executive offices.

Automotive Dealership Service

A garage or warehouse type of building usually attached to an automotive showroom. Features include minimal interior finish and plumbing, adequate lighting and heating, and areas for parts storage and payment areas are included.

Self Service Carwash

A multiple stall structure with a coin operated spray system where all washing is done by the automobile owner. Features include two or more bays and a central equipment room. Wash equipment is to be listed as business personal property.

Drive thru Carwash

These are buildings used as a single-car drive-thru with a type of roll-over robot type of automated car wash. All car wash equipment should be listed as business personal property.

Full-Service Carwash

Full-service or tunnel car wash service buildings that may include office, restrooms, basic equipment room, and customer waiting area. All car wash equipment is to be listed as business personal property.

Mini Lube

These are buildings designed for quick oil changes. Features include a grease pit for each bay. A small office and customer waiting area may be present.

Auto Service Center
Usually, a national chain auto service or tire company facility. There are areas for retail sales, service and repair, and customer waiting.

Service Station
A full-service gas station sells repair and lubrication services and perhaps towing services in addition to gasoline. There will be one or more service bays and may include a small office.

Paint / Body Shop
These buildings are used as collision repair services. This code is used for those buildings that are independently owned operations as distinguished from the franchise dealers and national chains. The buildings are usually minimal construction with limited office and customer waiting.

Complete Auto Dealership
These buildings include showroom-office, service, and parts facilities. Allowances for heating and cooling are included.

Bank Buildings
High-Rise Bank
These buildings are of four or more stories with ample elevator service. They may be multiple or single tenant buildings, with the bank occupying the first floor, with administration offices on the upper floors. An allowance is included for elevators.

Branch Bank
Buildings that are typically one to three story buildings, which include savings and loan and credit union occupancies where the design is of bank type.

Modular Bank
Similar to a branch bank, but these are prefabricated buildings that are constructed off-site, and brought in by truck and set-up on-site.

Drive Thru Bank (mini bank)
These are drive-up facilities, typically between 500 and 1,000 square feet in size. Costs include vaults, but do not include banking fixtures or equipment, vault doors, or safe deposit boxes.

Barber / Beauty Shop
Barber / Beauty Shop
Free-standing buildings, extra costs include sinks, plumbing and electrical fixtures necessary for operation but do not include mirrors, chairs, barber cabinets, which are usually tenant-owned.

Church Buildings
Church Buildings
These can be a church, synagogue, or mosque. Allowances are included for the auditorium, sanctuary or gathering area, and storage rooms.

Religious Education Buildings
Similar to a school building but is associated with the church. Includes classrooms, meeting rooms and office areas.

Church Fellowship Hall

A multipurpose building attached or close to a church. Closely associated with a clubhouse or fraternal building. Allowances include a lobby area, activity hall, meeting rooms, kitchen, and dining area.

Broadcasting Facilities

Broadcasting Facility Building

Buildings used for producing and transmitting radio and TV programs. Includes allowances for control rooms, studios office and lobby areas. There may be a lounge, newsrooms, and tape library. Broadcasting equipment is to be listed as business personal property.

Day Care Buildings

Conventional Daycare

A facility for pre-school and elementary aged children. Similar to a school, but usually of lighter residential quality construction. May include classrooms, recreation areas, multiple-use rooms, and kitchen facilities.

Converted Daycare

These properties were originally designed for some other use (single family residence) but have been converted to daycare use.

Modular Daycare

These are prefabricated buildings that are constructed off-site and brought in by truck and set-up on-site.

Packing House

Packing House

These are facilities where produce is received and processed prior to distribution to the market.

Funeral Homes

Funeral Home

Buildings used for the preparation of bodies for burial and or cremation. There are also areas for holding wakes and funerals. Allowances are included for a lobby, chapel, offices, preparation rooms, and storage facilities.

Funeral Home (Converted)

These are buildings that were originally designed for some other use (large single-family residence) but have been since converted to a funeral home. Allowances include a lobby, chapel, and viewing rooms.

Mausoleum

These are buildings usually made from stone and are above ground, with places for entombment of the deceased. Allowances for a chapel are included. Costs do not include crypts or niches.

Garages

Garage

These are buildings of light construction that have no interior finish, that are primarily used for vehicular storage. There may be more than one parking stall. These buildings may be free-standing or attached to another building.

Garage (storage)

These are buildings of light construction that have no interior finish and are primarily used as storage.

Garage (work/maintenance shop)

These are buildings of light construction that have very limited finish and are designed for vehicular repair and maintenance that will accommodate no more than two vehicles.

Greenhouses

Low-Cost Greenhouse

These are structures that are used to regulate the climate conditions for germinating and growing various plants and vegetables. These may be of light pipe arch, polyethylene cover.

Average Cost Greenhouse

These are structures that are used to regulate the climate conditions for germinating and growing various plants and vegetables. These may be of fiberglass/metal panels on light arch frame, some vents.

Good Greenhouse

These are structures that are used to regulate the climate conditions for germinating and growing various plants and vegetables. These may be metal frame, glass or fiberglass covering, some vents, gravel or some concrete. Adequate electrical and hose bibs are included.

Group Housing

Group Care Homes

These are small congregate care or special needs buildings that are more residential style in character. There will be common dining areas present.

Dormitories

This classification includes structures which provide sleeping accommodations along with some form of shared bathing facilities. Dining facilities, if present are usually of cafeteria design and are shared by all occupants of the building.

Rectories

These are buildings of residential type with some additional plumbing and kitchen facilities for the additional unrelated number of occupants. The better qualities may include small offices, meeting and/or chapel rooms.

Governmental Buildings

Volunteer Fire Department

These are buildings that are primarily used for vehicular/apparatus storage only, with minimum office and meeting room facilities commensurate with the quality and size.

Armory

A building designed to headquarter and train National Guard units. Features include classrooms, offices, drill hall, and waiting areas.

Courthouse

A building dedicated to or used for judicial proceedings and administrative offices for the Court and/or County.

Fire Department

These are emergency service buildings designed with engine storage, sleeping and kitchen facilities.

Public Library

These are media/resource centers. Included in the basic construction of the building are allowances for stack areas, main desk area, reading rooms and offices. There may be conference rooms, work rooms, and an audio/visual center. Free standing shelving is personal property.

Law Enforcement Center

These are buildings that are basically law enforcement facilities. Allowances include offices, dispatching area, day room, and lobby.

Post Office

Reserved for buildings constructed under contract to or lease agreement with the United States Postal Service. Features will include a lobby, counter area, office, mail room, and sorting areas.

Correctional Facility (Jail)

These are also referred to as detention centers. Allowances include the jail hardware, i.e., cell blocks and locking equipment. The full range of facilities, for minimum to maximum security is included, commensurate with the quality of the entire jail.

Educational Buildings

Elementary School

These are buildings that serve kindergarten/first grade through fifth or sixth grade. They are generally smaller in scope than the secondary schools, with fewer auxiliary facilities, and primarily comprised of general classrooms.

Middle School

Buildings that cover sixth or seventh grade through eighth or ninth grade, they are generally larger and can have many varied facilities commensurate with the quality.

High School

These buildings will encompass ninth or tenth grade through twelfth grade. They are generally the largest of the secondary school plants, with the most varied support and assembly facilities.

Administration Offices

Are of office design and include many private offices, meeting, and other special-purpose rooms commensurate with the quality.

Libraries

These are buildings that are separated into two categories: College libraries, including special studies, research or collection libraries, and secondary school media resource center libraries. Costs include the basic construction of the building, but not furnishings such as counters, kitchenette, seating, or book stacks, which are not considered, built in and permanently attached.

Laboratory Classrooms

These buildings will have a greater amount of plumbing and cabinetry, as well as lecture and demonstration space.

Multi-Purpose Buildings

These are buildings designed for large audience and participation groups, and administrative services. Typically, they include a combination gymnasium/auditorium and/or cafeteria, plus office and

miscellaneous rooms. Costs include a stage but do not include fixed seating or cafeteria and kitchen equipment.

Technology Buildings
These are buildings designed to offer media services, computer science, networking, and web technologies. These buildings will have a greater amount of electrical, and provide more space for faculty, support staff, and administrative personnel.

Vocational Buildings
Buildings that include adult education facilities emphasize trade and technical skills, with a greater proportion dedicated of shops and laboratories.

Parking Decks
Parking Deck
A multiple story drive up parking facility which may be opened or enclosed. Stairwells are included.

Campgrounds
Cabins
These are buildings that are box frame or light studs that are used on a seasonal basis. Costs include minimum standard lighting and limited plumbing, with low-cost fixtures.

Camp Gym
These are buildings that have very minimal construction where the design is of a gymnasium type with a basketball court as the focal point. Minimum lighting will be present.

Camp Office
These are buildings designed for general occupancy. These will be of lighter construction than a typical office. Allowances for adequate plumbing and electrical is included.

Camp Dining Hall
These are buildings that have large, open dining areas to serve campers on a seasonal basis. Allowances include kitchen area, plumbing and electrical commensurate with size. Kitchen equipment is to be listed as business personal property.

Infirmary
These buildings will have limited exam rooms for patient care. Allowances for electrical and plumbing are included.

Bath House
These are facilities that will serve as shower and bath facilities. Allowances for plumbing and electrical are included.

Flex (Mall) Buildings
Flex (mall) building
These are the modern multi-tenant structure, typically of low-rise construction. The lower qualities are purely light industrial, the low-cost category having minimal subdivisions and finish per space user. The better qualities have fully finished customer service areas with storefront entries and lobby/display areas.

Indoor Shooting Range
Indoor Shooting Range
These are indoor pistol ranges, which include all ancillary services, heating and cooling, and exhaust system.

Health Care Buildings
Medical Clinics
These are buildings that are designed for medical and/or dental services with examination and outpatient treatment and include private and public clinics.

Independent Living Facility
These are similar to garden apartments, but usually of lighter residential construction. Differentiated from a nursing home by a lack of patient care facilities. Individual kitchen facilities and/or common kitchen/dining facilities may be present.

Elderly Assisted Living
Buildings that consist of studios and one or two-bedroom suites with limited kitchens and common dining areas, lounges, craft and game room, beauty parlor and therapy rooms commensurate with the quality.

Hospital
A comprehensive in-patient care center including surgery and emergency facilities. Allowances are made for patient rooms, offices, common kitchens, laboratories, pharmacies, treatment rooms, surgeries and emergency electrical power. Elevators are included in the building model.

Nursing or Convalescent Home
This may also be called a rest home or sanitarium. Unlike a hospital it only has limited patient care facilities. There will be patient rooms, examination and treatment rooms, offices, and a central kitchen and dining area.

Outpatient Facility
These are freestanding, specialty treatment centers for outpatient or same-day surgery facilities and include all clinical surgery, diagnostic, lab, administrative and public areas commensurate with the quality level. This building category will also include specialized imaging and radiation treatment, and diagnostic centers for cancer, diabetes and eye and kidney diseases, etc.

Lodging Facilities

Motels
These are buildings usually of three or fewer stories, without individual kitchen facilities, and designed for transient occupancy.

Hotels

These are buildings usually of three or more stories, without kitchen facilities. There may be meeting rooms, dining, and lounge facilities.

Extended Stay Facility
Similar to hotels, these will have large rooms to accommodate kitchen facilities. There may also be meeting rooms, dining, and lounge facilities.

Cottages
These are individual sleeping bungalows or villas with limited kitchen facilities.

Inns (Lodges)
Inns are generally of rustic design with multiple sleeping units and a lobby with some additional plumbing and kitchen facilities for the additional unrelated number of guests. The better qualities with include large formal dining and meeting rooms.

Bed & Breakfast
These are buildings of residential type designed for transient boarding and are more family style in character than lodges. Woodfield Inn and Claddagh Inn are examples.

Industrial Buildings
Heavy Industrial
These buildings are characterized by their heavy frames, walls, and floors typical of specialized manufacturing processes.

Light Industrial
Light manufacturing is applicable to lightweight prefab metal constructed manufacturing facilities that generally produce or assemble lightweight goods.

Medium Industrial
Medium manufacturing is applicable for facilities that bring in raw materials and convert them into goods ready for use, usually with the use of machinery.

Laundering Facilities
Dry Cleaners
Buildings that are designed for full-service laundry cleaning including typical retail storefront and laundry workspace commensurate with the quality level.

Laundromat
Buildings that are constructed to hold automatic self-service washing machines, dryers and dry-cleaning machines, and the costs include the plumbing and electrical fixtures necessary for the operation but do not include the laundry or cleaning equipment.

Lumber Yard
Showroom
These are buildings that are used for the sale and display of building supply material, they have a semi-finished showroom and a carry-out warehouse as one complete facility. Adequate lighting and limited plumbing are included.

Storage Building
These are buildings that are the more weatherproof lumber yard-type structures designed for closed storage of such building materials as cement, lime, nails, roofing, etc.

Material Shed
These are structures that are enclosed on three sides and are used for the storage of lumber.

Material Shelter
These are open structures for the storage of lumber.

Markets

Mini Marts

Small retail food stores with limited product range but with refrigeration and cooling equipment commensurate with size. An allowance for built-in coolers is included. Freestanding coolers should be listed as personal property.

Rural Convenience Store

These buildings will be of minimal interior finish, primarily found in the outlying areas of the county.

Multi-Use Convenience Store

Similar to a mini mart, but these buildings will also include some sort of fast-food restaurant.
An allowance for built-in coolers is included. Freestanding coolers should be listed as personal property.

Supermarket

Large retail food chain stores containing built-in refrigerators, cold rooms, and ancillary cooling equipment. Note: freestanding freezers and coolers for the display of merchandise are considered personal property.

Kennels

Kennels

These are buildings that have limited examination and treatment facilities and are predominantly for the boarding of animals. The better qualities include the large public animal control facilities. Costs include the cages and enclosed runs.

Lofts

Lofts

These are industrial buildings usually designed for multiple occupancy by relatively small-space users. Because of display areas and extra partitioning and plumbing in the higher qualities, they are a transition between industrial and office construction.

Office Buildings

General Office

These are buildings for general commercial occupancy, including administrative and corporate uses, and are normally subdivided into relatively small units.

Open Office

Similar to a general office, but these buildings will not be subdivided into small units.

Medical Office

These are buildings designed for medical services with examination and outpatient treatment. Allowances for plumbing and electrical commensurate with size are included.

Converted Medical Office

These properties were originally designed for some other use (usually single-family residence) but have been converted to medical office space.

Veterinary Office

These are buildings that are designed for the medical and surgical care and treatment of small animals. Costs do not include cages and runs or open shelters, which should be priced separately.

Office Condo
These are buildings that can share common walls and roof. They are often one unit in a building of comparable units. Allowances for electrical and plumbing commensurate in size are included.

Converted Office
These properties were originally designed for some other use (usually a single-family residence) but have been converted to office space.

Office Enclosure
Similar to a general office, but this will be primarily found in warehouses, and or industrial buildings. Typically, these are between 5% - 15% of the total area of the warehouse or industrial building.

Row Office
Often found in the Central Business District, these buildings share common walls and have multiple stories. They are often mixed-use properties: offices on the first floor with apartments, retail, or vacant floors on the upper levels.

Row Office/Upper Unfinished
Often found in the Central Business District, these buildings share common walls and have multiple stories. These are buildings where there is office space on the first floor, and the upper floors are unfinished.

Row Office/Apartment
Often found in the Central Business District, these buildings share common walls and have multiple stories. These are buildings where there is office space on the first floor, and apartments are on the upper floors.

Modular Office
These are prefabricated office structures. An allowance for adequate plumbing, electrical is included.

Medical Office Condo
These are buildings that can share common walls and roof. They are often one unit in a building of comparable units. These buildings will have a greater amount of plumbing and electrical commensurate with the size of each unit.

Dental Clinic
These are small stand-alone facilities and will generally have a greater amount of plumbing and partitions.

Winery
Winery Shops
These are buildings that are for the display, tasting and sales directly from the vineyard.

Winery
These are buildings used for the processing of making wine.

Recreational Buildings
Bowling Alley
Includes all bowling alley facilities. May also comprise a restaurant, bar, billiard room, locker room(s), or other miscellaneous rooms with the necessary plumbing and electrical connections, but do not include any equipment or fixtures such as the alleys, ball returns, kitchen, and bar equipment.

Gymnasium
Include athletic, recreation, health, and physical fitness occupancies where the design is of a gymnasium type with a basketball court as the focal point. Shower/dressing rooms are included.

Roller Skating Rink
These are typically lower-quality auditoriums modified for that particular use. Costs include all the necessary plumbing and electrical connections, but do not include any equipment or fixtures. The roller rinks will include the basic skating surface.

Ice Skating Rink
Same for roller skating rink. Costs include the basic floor surface, but do not include the ice-making equipment.

Social Club
These are general purpose recreation or activity buildings, usually with light kitchen facilities.

Fitness Center
These are buildings that are designed as small physical fitness facilities, typically 2,000 to 6,000 square feet, with limited exercise and conditioning areas. Allowances for locker and shower facilities are included.

Apartment Clubhouse
These will be multipurpose buildings that may include an office area, laundry facility, and/or fitness room.

Fraternal Building
These are multiple purpose buildings designed for meetings, entertainment, and social activities. Allowances include space for a large multi-purpose room, dining facilities, kitchen, and small offices.

Golf Club House
These are specialized buildings that may have a bar, banquet, and pro shop facilities, as well as locker and shower rooms.

Community Center
These are mixed-use structures, typically found in rural communities, and are generally smaller and utilitarian in scope. There will be limited office, council meeting rooms, kitchen space, etc.

Tennis Club
Include the basic playing surfaces, including all the necessary plumbing and electrical connections, but do not include any fixtures such as seating, lockers, food preparation, exercise equipment, or swimming pools.

Racquetball Club
Include the basic playing courts and ancillary facilities commensurate with the quality similar to tennis clubs. Allowances for shower facilities are included.

Pool House
These are buildings that contain shower and restroom facilities.

Golf Cart Storage Buildings
These are buildings that are used for the storage and maintenance of golf carts. Allowances for electrical commensurate with size are included.

Sports-Plex
These are multi-purpose sports facilities. Basketball, volleyball, and soccer courts may be present. Costs include all the necessary plumbing, and electrical connections, but do not include any fixtures such as seating, lockers, food preparation, exercise equipment, or swimming pools.

Community Recreation Center
These are large municipal multisport complexes. These types of buildings will include gym-basketball, handball, and other sports courts, varied swimming facilities, as well as exercise, craft, game and other multipurpose/social rooms. An allowance for support facilities (locker rooms, showers, etc.) are included and will vary depending on the quality level. All equipment and trade fixtures associated with these amenities are not include. The YMCA is an example of this type and use.

Restaurants
Restaurants
A full service eating and drinking establishment that contains provisions for multiple table seating, beverage consumption, and a large multi-purpose kitchen area.

Bar / Lounge
Buildings that are designed primarily for the service and consumption of beverages, with the better qualities having limited food preparation areas and service.

Cafeteria Style
Buildings that have large, open dining rooms for self-service of large groups, and include commercial as well as institutional facilities.

Modular Restaurant
These are the prefabricated stainless diners.

Neighborhood/Diner
These are free-standing frame or masonry buildings that are simple in design. There will be a dining area, and kitchen area. Dixie Diner and Carolina Diner are examples.

Fast Food
Fast food restaurants are designed with high volume, fast service in mind. Kitchen facilities are designed for rapid production of light meals.
Truck Stop Restaurants
These are of multipurpose design to include convenience store, food service, shower and toilet, game and rest facilities for truckers.

Retail Buildings
Dollar Store
These buildings will have minimal finish and are used for the sales of merchandise. Allowances include plumbing, electrical, minimal office space and storage are included. These buildings include the Dollar General Stores.

Auto Parts Stores
These buildings are the large discount auto parts stores. There will be minimal finish with some office and storage space. Allowances include plumbing and electrical commensurate with size. Advance Auto Parts, AutoZone, and O'Reilly's Auto Parts are examples of this type of building.

Retail Showroom
These will have minimal finish and are used primarily for the sales and display of merchandise. This is used primarily for the furniture warehouse type of building. Allowances include plumbing, electrical commensurate with size.

General Retail
These buildings are freestanding buildings designed for retail sales and display. These include general merchandise outlets, stores, specialty shops, and commercial buildings designed for general occupancy. Features include sales and display areas and a stockroom. Also included may be a small office.

Warehouse Showroom Store
While similar in design to the Discount Store, the interior may not be finished to the same extent as normal mercantile occupancy. These will generally be the large walk-through furniture outlets with a semi-finished showroom and large carryout warehouse as one complete facility.

Department Store
These are buildings typically having one or more stories found in Regional or Community Shopping Centers. Department stores handle multiple lines of merchandise which are sold in departments. Allowances for merchandising, display, storage, and office areas are included.

Discount Store
Discount stores typically consist of large open shells with minimal partitions separating the departments or specialty areas. Allowances for merchandising, display, storage, and office area are included.

Row Retail
Often found in the Central Business District, these buildings share common walls and have multiple stories. They are often mixed-use properties: retail first floor with apartments, offices, or vacant floors on the upper levels.

Retail Condos
These are buildings that can share common walls and a roof. They are often one unit in a building of comparable units.

Converted Retail
These properties were originally designed for some other use (usually a single-family residence) but have been converted to use as retail space.

Drug Stores
These are the large chain discount-type store with a variety of merchandise departments including convenience foods. Costs include built-in refrigerators, but do not include display freezers and coolers or other trade fixtures.

Warehouse Discount Super Center
These are buildings that are of warehouse construction, with minimal finish and partitions. Wal-Mart and Sam's Club are examples of this category.

Home Improvement Warehouse
Similar to a discount store but may not be as completely finished. Allowances for merchandising, display, shipping and receiving are included. This category includes the building supply stores. Lowe's and Home Depot are examples.

Row Retail/Office
Often found in the Central Business District, these buildings share common walls and have multiple stories. These are buildings where there is retail space on the first floor, and office space on the upper floors.

Row Retail/Apartment
Often found in the Central Business District, these buildings share common walls and have multiple stories. These are buildings where there is retail space on the first floor, and apartments are on the upper floors.

Row Retail/Office/Apartment
Often found in the Central Business District, these buildings share common walls and have multiple stories. These are buildings where there is office space on the first floor, and office space, and apartments are on the upper floors.

Row Retail/Upper Unfinished
Often found in the Central Business District, these buildings share common walls and have multiple stories. These are buildings where there is retail on the first floor, and unfinished space on the upper floors.

Lawn and Garden Center
A lightweight commercial building with exposed concrete floor. Allowances include lighting, electrical and plumbing, minimal office area.

Shopping Centers
Strip Shopping Center
Strip Shopping centers are typically a row of stores with similar fronts built as a unit. Each unit will have a separate entrance in the front and a separate entrance at the rear. They are normally built parallel to the fronting street.

Mall Shopping Center
A Mall Center has anchor stores and in-line stores arranged in a courtyard fashion around an interior concourse. The concourse is the common area of the mall. Allowances include lighting, air conditioning, heating, floor covering and interior finish for the public or common areas only. All improvements to the individual stores are considered business personal property.

Mixed Use Retail / Office
These are buildings of minimal interior finish; there will be three or more tenants divided into multiple units, with a mix of retail and/or office space.

Warehouses
Storage Hanger
These buildings will have limited facilities for light line maintenance and repair servicing only.

T-Hangers
These are multiple hangers for small planes and include partitioned areas for individual planes.

Hangers
These are buildings that are designed for aircraft storage and repair maintenance, and normally will have offices and storage space commensurate with the quality and type of service provided.

Mini-Warehouses
Mini warehouses are warehouses subdivided into a mixture of cubicles of generally small size, designed primarily to be rented for small self-storage or noncommercial storage and may include some office space.

Climate Control Mini-Warehouses
These are mini warehouses that will have some form of heating and cooling for the building.

Cold Storage
These are buildings that are generally rigid steel frame that are designed to keep stored commodities at various temperature levels. Cooler and chilled rooms, with some offices may be present. Adequate plumbing and lighting are included, along with complete HVAC.

Distribution Warehouse
These buildings will have larger areas, between 15% - 30% for office/sales and/or other subdivisions designed to accommodate breakdown and transshipment of small lots as well as increased plumbing, lighting, and partitioning to accommodate workers.

Transit Warehouse
These are also referred to as truck terminals and are designed for temporary closed storage, freight segregation and loading. There may be a dispatcher's office and bunkhouse for truck drivers.

Metal Warehouse
These are buildings that are primarily designed for storage. These are metal construction, with metal siding.

Wood Frame/Metal Warehouse
These are the Morton-Type warehouses that are of wood frame structure with metal siding.

Concrete Block Warehouse
These are buildings that are primarily designed for storage. These are concrete block construction.

Mega Storage/Distribution Warehouse
These are the large storage-distribution facilities, typically over 200,000 square feet, where interior build-out is only 1% - 5%.

Utility Building
Usually, a small to medium size single story storage building with no partitioning or interior finish.

Theaters
Auditorium
A large open area with minimum ornamentation designed primarily for mass seating and visual presentations. These may be either live performances or motion pictures. Seating is permanent, but balconies are rarely found. A stage is always present, but support facilities are much more limited than those found in a cinema theater.

Movie Theater
A multiple "house" motion picture facility. There will be two or more auditoriums, each with its own screen, but partitions between auditoriums may be moveable. There will be a concession stand, spacious lobby, and projection room. Curtains, screens, and seating are to be listed as personal property.

Playhouse

These are buildings that are primarily for live stage presentations, the structure is a large open area with seating and full facilities for live performances. Stage areas, balconies, mezzanines, and a full complement of necessary electrical and lighting may be present.

Shipping Dock

Shipping Dock

These are roofed structures designed for temporary open storage and segregation and loading of freight. A small office may be present. Adequate plumbing and lighting is included.

Commercial Outbuilding Descriptions

Golf Course Description & Base Rate Range Per Hole

Included in the cost per hole are normal clearing of land, including incidental grading, complete irrigation and drainage systems, planting of trees in open land, greens, tees, fairways, service roads and cart paths, builders profit and overhead, financing during construction and architect's fees for all items except for structures.

Golf Course Class IV

Base Rate $239,000 per hole

Typically, a better championship-type course on good undulating terrain, fairway and greens bunkered and contoured, large tees and greens, driving range. Site approximately 180 acres, 6,900 – 7,200 yards long with a par 72.

Golf Course Class III

Base Rate - $152,000 per hole

Typically, a private-type club on undulating terrain, bunkers at most greens, average elevated tees and greens, some large trees, and driving range. Site approximately 130 acres, 6,500 yards long with a par 70 rating. Example of this type of golf course would be Champion Hills.

Golf Course Class II

Base Rate - $96,000 per hole

This is a simply designed course on relatively flat terrain, natural rough, few bunkers, small built-up tees and greens, some small trees. Site approximately 110 acres, 6,000 yards with a par 65 to 70 rating. An example of this type of course would be Cummings Cove.

Golf Course Class I

Base Rate - $70,000 per hole

This is of minimal quality, simply developed, budget course on open natural or flat terrain, few bunkers, small tees and greens. Site approximately 90 acres, 5,400 yards with a long par 64 to 70. High Vista is an example of this class golf course

Golf Course – Executive

Base Rate - $61,000 per hole

This is usually a course with eighteen holes on 50 to 60 acres, 4,800 yards long, rated a par 60, including irrigation, excluding structures and lighting.

Golf Course – Par 3

Base Rate - $39,000 per hole

This is usually nine holes on 15 to 20 acres, 1,400 yards long. Costs include irrigation, excluding structures and lighting. Southern Tee would be an example of this type of course.

Golf Course – Pitch & Putt

Base Rate - $38,000 per hole

Nine holes on 10 to 15 acres, 1,000 yards long, including irrigation, excluding structures and lighting.

Driving Range

Base Rate - $200 per pad

This is an average driving range not attached to a golf course. Costs are per pad.

Short Course Descriptions and Base Rate Ranges

Miniature Golf Courses

Minimal Quality

Base Rate - $3,500 per hole

This is a minimal quality, eighteen holes, 2,000 – 4,000 square feet on ¼ acre. Simply developed, or prepackaged budget course on flat terrain including lighting, excluding booths, and parking lot.

Average Quality

Base Rate - $7,500 per hole

Average course, eighteen holes, 4,000 to 10,000 square feet, on ¼ to ½ acre, excluding booths, snack bars, and parking lot, including course plumbing and lighting, professionally designed, and installed.

Good Quality

Base Rate - $19,000 per hole

Good custom course, eighteen holes, 10,000 to 20,000 square feet, ½ o 1 acre or more, extensive themes with major elevation, rock, and waterscape layout, excluding buildings and parking lot.

Manufactured Home Park / RV Park Site Descriptions

The per manufactured home site value includes streets, walks, water and sewer systems, electrical distribution system, outdoor lighting, pads, and patios. Therefore, the land pricing rates should be comparable with adjoining or nearby land. The per space or site value does not include offices, service buildings, and recreational facilities, such as swimming pools and tennis courts, etc. These should be listed separately based on their type and use.

MHP1 – Mobile Home Park Sites Fair

Base Rate - $10,000 per site

Very little design, no pads, no patios, or runners, gravel streets, no curb and gutter, no paved walks, septic tanks, minimum water facilities, overhead electrical, and no street lighting.

MHP2 – Mobile Home Park Sites Average

Base Rate - $14,000 per site

Average design, full concrete pads, average sized patios, average streets, some walks, overhead electrical systems, average water and sewer facilities, average street lighting.

MHP3 – Mobile Home Park Sites Good

Base Rate - $20,000 per site

Good design, full concrete pads, good, high-quality patios and streets with some walks, underground electrical systems, good water and sewer facilities, adequate street lighting.

MHP4 – Mobile Home Park Sites Excellent

Base Rate - $26,000 per site

Well designed, full concrete pads, large, high-quality patios and streets and walks, underground electrical, good water and sewer facilities, good street lighting.

RVP – RV Park Sites

Base Rate - $8,750 per site

These parks are mainly for seasonal use for recreational vehicles. These spaces can either be in a separate RV only park, or part of a standard manufactured home park. There may be paved roads, club house, pool, and laundry facility. These should be listed separately as to their type and use. Costs include grading, engineering, water, and sewer hook-up.

Table A1: Land Pricing by Square Foot

LAND CODE	LONG DESCRIPTION	SHORT DESCRIPTION	MINIMUM RATE PER ACRE	MAXIMUM RATE PER SQUARE FOOT
31-COM A	COMM ASSOCIATED PARCEL	COMM ASSOCIATED PARC	$ 0.02	$ 57.39
3-COM PR	COMMERCIAL PRIMARY	COMMERCIAL PRIMARY	$ 0.18	$ 119.38
1-COM RE	COMMERCIAL RESIDUAL	COMMERCIAL RESIDUAL	$ 0.18	$ 119.38
37-COM R	COMMERCIAL RESIDUAL	COMMERCIAL RESIDUAL	$ 0.18	$ 119.38
2-COM SC	COMMERCIAL SECONDARY	COMMERCIAL SECONDARY	$ 0.18	$ 119.38
26-CMN A	COMMON AREA	COMMON AREA	$ 0.00	$ 0.34
11-CT OV	CUT-OVER	CUT-OVER	$ 0.08	$ 0.69
34-EXMPT	EXEMPT	EXEMPT	$ -	$ 119.38
29-FUTDV	FUTURE DEVELOPMENT	FUTURE DEVELOPMENT	$ 0.02	$ 2.30
35-INDUS	INDUSTRIAL	INDUSTRIAL	$ 0.18	$ 119.38
21-LAKE	LAKE	LAKE	$ 0.02	$ 0.08
7-MARSH	MARSH	MARSH	$ 0.02	$ 0.08
5-OP CLT	OPEN CULTIVATABLE	OPEN CULTIVATABLE	$ 0.08	$ 0.69
10-OPN L	OPEN LAND	OPEN LAND	$ 0.08	$ 0.69
25-OSGW	OPEN SPACE-GREEN WAY	OPEN SPACE-GREEN WAY	$ 0.02	$ 0.34
13-ORCHD	ORCHARD	ORCHARD	$ 0.08	$ 0.69
28-POND	POND	POND	$ 0.02	$ 1.15
4-RES BL	RESIDENTIAL BUILDING SITE	RESIDENTIAL BUILDING	$ 0.02	$ 11.48
36-RSD R	RESIDUAL RESIDENTIAL	RESIDUAL RESIDENTIAL	$ 0.02	$ 6.89
23-ST VA	SITE VALUE	SITE VALUE	$ 0.02	$ 114.78
24-UNDEV	UNDEVELOPED	UNDEVELOPED	$ 0.02	$ 2.30
8-WSTLND	WASTELAND	WASTELAND	$ 0.01	$ 0.08
6-WODLND	WOODLAND	WOODLAND	$ 0.08	$ 0.69

Table A2: Land Pricing by Acre

LAND CODE	LONG DESCRIPTION	SHORT DESCRIPTION	MINIMUM RATE PER ACRE	MAXIMUM RATE PER ACRE
22-CTS	CELL TOWER SITE	CELL TOWER SITE	$ 100,000	$ 100,000
31-COM A	COMM ASSOCIATED PARCEL	COMM ASSOCIATED PARC	$ 1,000	$ 2,500,000
3-COM PR	COMMERCIAL PRIMARY	COMMERCIAL PRIMARY	$ 8,000	$ 5,200,000
1-COM RE	COMMERCIAL RESIDUAL	COMMERCIAL RESIDUAL	$ 8,000	$ 5,200,000
37-COM R	COMMERCIAL RESIDUAL	COMMERCIAL RESIDUAL	$ 8,000	$ 5,200,000
2-COM SC	COMMERCIAL SECONDARY	COMMERCIAL SECONDARY	$ 8,000	$ 5,200,000
26-CMN A	COMMON AREA	COMMON AREA	$ 100	$ 15,000
11-CT OV	CUT-OVER	CUT-OVER	$ 3,500	$ 30,000
34-EXMPT	EXEMPT	EXEMPT	$ 1,000	$ 5,200,000
29-FUTDV	FUTURE DEVELOPMENT	FUTURE DEVELOPMENT	$ 1,000	$ 100,000
35-INDUS	INDUSTRIAL	INDUSTRIAL	$ 8,000	$ 5,200,000
21-LAKE	LAKE	LAKE	$ 1,000	$ 3,500
7-MARSH	MARSH	MARSH	$ 1,000	$ 3,500
5-OP CLT	OPEN CULTIVATABLE	OPEN CULTIVATABLE	$ 3,500	$ 30,000
10-OPN L	OPEN LAND	OPEN LAND	$ 3,500	$ 30,000
25-OSGW	OPEN SPACE-GREEN WAY	OPEN SPACE-GREEN WAY	$ 1,000	$ 15,000
13-ORCHD	ORCHARD	ORCHARD	$ 3,500	$ 30,000
28-POND	POND	POND	$ 1,000	$ 50,000
4-RES BL	RESIDENTIAL BUILDING SITE	RESIDENTIAL BUILDING	$ 1,000	$ 5,000,000
36-RSD R	RESIDUAL RESIDENTIAL	RESIDUAL RESIDENTIAL	$ 1,000	$ 300,000
23-ST VA	SITE VALUE	SITE VALUE	$ 1,000	$ 5,000,000
24-UNDEV	UNDEVELOPED	UNDEVELOPED	$ 1,000	$ 100,000
8-WSTLND	WASTELAND	WASTELAND	$ 500	$ 3,500
6-WODLND	WOODLAND	WOODLAND	$ 3,500	$ 30,000

Table A3: Land Pricing by Unit

LAND CODE	LONG DESCRIPTION	SHORT DESCRIPTION	MINIMUM RATE PER UNIT	MAXIMUM RATE PER UNIT
27-LOT	LOT	LOT	$ 1,000	$ 5,000,000
23-ST VA	SITE VALUE	SITE VALUE	$ 1,000	$ 5,000,000

Table A4: Land Size Adjustment Factor

MINIMUM MEASUREMENT	MAXIMUM MEASUREMENT	ADJUSTMENT FACTOR	MINIMUM MEASUREMENT	MAXIMUM MEASUREMENT	ADJUSTMENT FACTOR
0.01	0.01	10.0000	0.56	0.56	1.3700
0.02	0.02	9.0000	0.57	0.57	1.3500
0.03	0.03	7.0000	0.58	0.58	1.3300
0.04	0.04	6.0000	0.59	0.59	1.3200
0.05	0.05	5.0000	0.60	0.60	1.3000
0.06	0.06	4.6000	0.61	0.61	1.2900
0.07	0.07	4.2000	0.62	0.62	1.2800
0.08	0.08	3.8000	0.63	0.63	1.2700
0.09	0.09	3.6000	0.64	0.64	1.2600
0.10	0.10	3.4000	0.65	0.65	1.2500
0.11	0.11	3.1500	0.66	0.66	1.2400
0.12	0.12	2.9000	0.67	0.67	1.2300
0.13	0.13	2.7600	0.68	0.68	1.2200
0.14	0.14	2.6000	0.69	0.69	1.2100
0.15	0.15	2.5800	0.70	0.70	1.2100
0.16	0.16	2.5600	0.71	0.71	1.2000
0.17	0.17	2.5200	0.72	0.72	1.1900
0.18	0.18	2.4800	0.73	0.73	1.1800
0.19	0.19	2.4600	0.74	0.74	1.1800
0.20	0.20	2.4200	0.75	0.75	1.1700
0.21	0.21	2.3800	0.76	0.76	1.1600
0.22	0.22	2.3400	0.77	0.77	1.1500
0.23	0.23	2.3200	0.78	0.78	1.1500
0.24	0.24	2.2600	0.79	0.79	1.1400
0.25	0.25	2.1800	0.80	0.80	1.1300
0.26	0.26	2.1200	0.81	0.81	1.1300
0.27	0.27	2.0800	0.82	0.82	1.1300
0.28	0.28	2.0400	0.83	0.83	1.1200
0.29	0.29	2.0000	0.84	0.84	1.1100
0.30	0.30	1.9500	0.85	0.85	1.1000
0.31	0.31	1.9300	0.86	0.86	1.0900
0.32	0.32	1.9100	0.87	0.87	1.0800
0.33	0.33	1.8800	0.88	0.88	1.0700
0.34	0.34	1.8400	0.89	0.89	1.0700
0.35	0.35	1.7900	0.90	0.90	1.0700
0.36	0.36	1.7600	0.91	0.91	1.0600
0.37	0.37	1.7200	0.92	0.92	1.0500
0.38	0.38	1.6800	0.93	0.93	1.0400
0.39	0.39	1.6400	0.94	0.94	1.0300
0.40	0.40	1.6000	0.95	0.95	1.0200
0.41	0.41	1.5800	0.96	0.96	1.0100
0.42	0.42	1.5600	0.97	0.97	1.0100
0.43	0.43	1.5600	0.98	0.98	1.0000
0.44	0.44	1.5300	0.99	0.99	1.0000
0.45	0.45	1.5200	1.00	1.00	1.0000
0.46	0.46	1.5100			
0.47	0.47	1.5000			
0.48	0.48	1.4900			
0.49	0.49	1.4800			
0.50	0.50	1.4700			
0.51	0.51	1.4600			
0.52	0.52	1.4400			
0.53	0.53	1.4200			
0.54	0.54	1.4000			
0.55	0.55	1.3900			

Table B1: Residential Building Base Price

BUILDING USE CODE	LONG DESCRIPTION	SHORT DESCRIPTION	BASE PRICE
MABH	Main Area-Boat House	MA-BOAT HOUSE	$ 140
MACON	Main Area-Condo	MA-CONDO	$ 158
MADR	Main Area-Duplex Residential	MA-DUPLEX RESID	$ 132
MAGAP	MAIN AREA-GARAGE APARTMENT	MA-GARAGE APT	$ 102
MAMOD	Main Area-Modular	MA-MODULAR	$ 158
MASS	Main Area-Single Family	MA-SINGLE FAMILY	$ 173
MATR	TRIPLEX	TRIPLEX	$ 119
MATWN	TOWNHOUSE	TOWNHOUSE	$ 165
MHMOD	ON FRAME MODULAR	ON FRAME MODULAR	$ 105
MHR	Manufactured Home Main Area-Real	MH-REAL	$ 90

Table B2: Residential Building Grade Adjustment

GRADE CODE	DESCRIPTION	ADJUSTMENT PERCENTAGE
AAA+	GRADE AAA+	500
AAA	GRADE AAA	400
AA+	GRADE AA+	325
AA	GRADE AA	250
AA-	GRADE AA-	200
A+	GRADE A+	175
A	GRADE A	155
A-	GRADE A-	145
B+	GRADE B+	135
B	GRADE B	128
B-	GRADE B-	120
C+	GRADE C+	110
C	GRADE C	100
C-	GRADE C-	95
D+	GRADE D+	90
D	GRADE D	85
D-	GRADE D-	75
E+	GRADE E+	65
E	GRADE E	55
E-	GRADE E-	45

Table B3: Residential Building Economic Life

BUILDING USE	LIFE
Main Area-Boat House | MABH	105
Main Area-Condo | MACON	105
Main Area-Duplex Residential | MADR	105
MAIN AREA-GARAGE APARTMENT | MAGAP	105
Main Area-Modular | MAMOD	105
Main Area-Single Family | MASS	105
TRIPLEX | MATR	105
TOWNHOUSE | MATWN	105
ON FRAME MODULAR | MHMOD	105
Manufactured Home Main Area-Real | MHR	105

Table B4: Residential Building Depreciation Schedule for 105 Year Life

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
2023	0	1	1	1	1	10	20	30	70
2022	1	1	1	1	1	11	21	31	71
2021	2	1	1	1	2	12	22	32	72
2020	3	1	1	2	3	13	23	33	73
2019	4	1	2	3	4	14	24	34	74
2018	5	2	3	4	5	15	25	35	75
2017	6	3	4	5	6	16	26	36	76
2016	7	4	5	6	7	17	27	37	77
2015	8	5	6	7	8	18	28	38	78
2014	9	6	7	8	9	19	29	39	79
2013	10	7	8	9	10	20	30	40	80
2012	11	8	9	10	11	21	31	41	81
2011	12	9	10	11	12	22	32	42	82
2010	13	10	11	12	13	23	33	43	83
2009	14	11	12	13	14	24	34	44	84
2008	15	12	13	14	15	25	35	45	85
2007	16	13	14	15	16	26	36	46	86
2006	17	14	15	16	17	27	37	47	87
2005	18	15	16	17	18	28	38	48	88
2004	19	16	17	18	19	29	39	49	89
2003	20	17	18	19	20	30	40	50	90
2002	21	18	19	20	21	31	41	51	91
2001	22	19	20	21	22	32	42	52	92
2000	23	20	21	22	23	33	43	53	93
1999	24	21	22	23	24	34	44	54	94
1998	25	22	23	24	25	35	45	55	95
1997	26	23	22	25	26	36	46	56	96
1996	27	24	25	26	27	37	47	57	97
1995	28	25	26	27	28	38	48	58	98
1994	29	26	27	28	29	39	49	59	99
1993	30	27	28	29	30	40	50	60	99
1992	31	28	29	30	31	41	51	61	99
1991	32	29	30	31	32	42	52	62	99
1990	33	30	31	32	33	43	53	63	99
1989	34	31	32	33	34	44	54	64	99
1988	35	32	33	34	35	45	55	65	99
1987	36	33	34	35	36	46	56	66	99
1986	37	34	35	36	37	47	57	67	99
1985	38	35	36	37	38	48	58	68	99
1984	39	36	37	38	39	49	59	69	99
1983	40	37	38	39	40	50	60	70	99
1982	41	38	39	40	41	51	61	71	99
1981	42	39	40	41	42	52	62	72	99
1980	43	40	41	42	43	53	63	73	99
1979	44	41	42	43	44	54	64	74	99
1978	45	42	43	44	45	55	65	75	99
1977	46	43	44	45	46	56	66	76	99
1976	47	44	45	46	47	57	67	77	99
1975	48	45	46	47	48	58	68	78	99
1974	49	46	47	48	49	59	69	79	99
1973	50	47	48	49	50	60	70	80	99

Table B4: Residential Building Depreciation Schedule for 105 Year Life (Continued)

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
1972	51	48	49	50	51	61	71	81	99
1971	52	49	50	51	52	62	72	82	99
1970	53	50	51	52	53	63	73	83	99
1969	54	51	52	53	54	64	74	84	99
1968	55	52	53	54	55	65	75	85	99
1967	56	53	54	55	56	66	76	86	99
1966	57	54	55	56	57	67	77	87	99
1965	58	55	56	57	58	68	78	88	99
1964	59	56	57	58	59	69	79	89	99
1963	60	57	58	59	60	70	80	90	99
1962	61	58	59	60	61	71	81	91	99
1961	62	59	60	61	62	72	82	92	99
1960	63	60	61	62	63	73	83	93	99
1959	64	61	62	63	64	74	84	94	99
1958	65	62	63	64	65	75	85	95	99
1957	66	63	64	65	66	76	86	96	99
1956	67	64	65	66	67	77	87	97	99
1955	68	65	66	67	68	78	88	98	99
1954	69	66	67	68	69	79	89	99	99
1953	70	67	68	69	70	80	90	99	99
1952	71	68	69	70	71	81	91	99	99
1951	72	69	70	71	72	82	92	99	99
1950	73	70	71	72	73	83	93	99	99
1949	74	71	72	73	74	84	94	99	99
1948	75	72	73	74	75	85	95	99	99
1947	76	73	74	75	76	86	96	99	99
1946	77	74	75	76	77	87	97	99	99
1945	78	75	76	77	78	88	98	99	99
1944	79	76	77	78	79	89	99	99	99
1943	80	77	78	79	80	90	99	99	99
1942	81	78	79	80	81	91	99	99	99
1941	82	79	80	81	82	92	99	99	99
1940	83	80	81	82	83	93	99	99	99
1939	84	81	82	83	84	94	99	99	99
1938	85	82	83	84	85	95	99	99	99
1937	86	83	84	85	86	96	99	99	99
1936	87	84	85	86	87	97	99	99	99
1935	88	85	86	87	88	98	99	99	99
1934	89	86	87	88	89	99	99	99	99
1933	90	87	88	89	90	99	99	99	99
1932	91	88	89	90	91	99	99	99	99
1931	92	89	90	91	92	99	99	99	99
1930	93	90	91	92	93	99	99	99	99
1929	94	91	92	93	94	99	99	99	99
1928	95	92	93	94	95	99	99	99	99
1927	96	93	94	95	96	99	99	99	99
1926	97	94	95	96	97	99	99	99	99
1925	98	95	96	97	98	99	99	99	99
1924	99	96	97	98	99	99	99	99	99
1923	100	97	98	99	99	99	99	99	99
1922	101	98	99	99	99	99	99	99	99
1921	102	99	99	99	99	99	99	99	99
1920	103	99	99	99	99	99	99	99	99
1919	104	99	99	99	99	99	99	99	99

Table B5: Residential Building Size Adjustment Factor

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1	63	9.8963	247	247	2.2682	331	335	1.8829
64	83	6.6094	248	251	2.2621	336	337	1.8661
84	90	5.2143	252	252	2.2381	338	339	1.8595
91	95	4.8709	253	254	2.2322	340	341	1.8529
96	103	4.6563	255	255	2.2206	342	343	1.8465
104	107	4.3558	256	259	2.2148	344	347	1.8401
108	113	4.2222	260	260	2.1923	348	349	1.8276
114	119	4.0395	261	263	2.1868	350	350	1.8214
120	127	3.8750	264	269	2.1705	351	351	1.8184
128	135	3.6797	270	271	2.1389	352	354	1.8153
136	137	3.5074	272	274	2.1287	355	356	1.8063
138	143	3.4674	275	275	2.1136	357	358	1.8004
144	146	3.3542	276	278	2.1087	359	359	1.7946
147	149	3.3010	279	279	2.0941	360	362	1.7917
150	159	3.2500	280	285	2.0893	363	363	1.7831
160	161	3.0938	286	287	2.0612	364	364	1.7802
162	163	3.0648	288	288	2.0521	365	367	1.7774
164	167	3.0366	289	291	2.0476	368	369	1.7690
168	175	2.9821	292	293	2.0342	370	371	1.7635
176	179	2.8807	294	295	2.0255	372	373	1.7581
180	183	2.8333	296	297	2.0169	374	374	1.7527
184	189	2.7880	298	298	2.0084	375	375	1.7500
190	191	2.7237	299	299	2.0042	376	377	1.7473
192	194	2.7031	300	303	2.0000	378	379	1.7421
195	195	2.6731	304	305	1.9836	380	382	1.7368
196	197	2.6633	306	307	1.9755	383	383	1.7291
198	199	2.6439	308	309	1.9675	384	384	1.7266
200	207	2.6250	310	310	1.9597	385	387	1.7240
208	209	2.5529	311	311	1.9558	388	389	1.7165
210	215	2.5357	312	314	1.9519	390	390	1.7115
216	219	2.4861	315	315	1.9405	391	391	1.7091
220	220	2.4545	316	319	1.9367	392	392	1.7066
221	223	2.4468	320	320	1.9219	393	393	1.7042
224	227	2.4241	321	321	1.9182	394	395	1.7018
228	229	2.3947	322	323	1.9146	396	396	1.6970
230	231	2.3804	324	324	1.9074	397	398	1.6946
232	233	2.3664	325	325	1.9038	399	399	1.6898
234	235	2.3526	326	326	1.9003	400	401	1.6875
236	239	2.3390	327	327	1.8968	402	403	1.6828
240	243	2.3125	328	329	1.8933	404	405	1.6782
244	246	2.2869	330	330	1.8864	406	406	1.6736

Residential Building Size Adjustment Factor

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
407	407	1.6714	476	477	1.5378	534	534	1.4522
408	409	1.6691	478	479	1.5345	535	535	1.4509
410	411	1.6646	480	480	1.5313	536	536	1.4496
412	413	1.6602	481	482	1.5296	537	537	1.4483
414	415	1.6558	483	483	1.5264	538	539	1.4470
416	419	1.6514	484	484	1.5248	540	542	1.4444
420	422	1.6429	485	485	1.5232	543	543	1.4406
423	424	1.6365	486	487	1.5216	544	545	1.4393
425	425	1.6324	488	489	1.5184	546	547	1.4368
426	427	1.6303	490	490	1.5153	548	549	1.4343
428	429	1.6262	491	491	1.5137	550	550	1.4318
430	431	1.6221	492	492	1.5122	551	551	1.4306
432	433	1.6181	493	493	1.5106	552	552	1.4293
434	434	1.6141	494	494	1.5091	553	554	1.4281
435	435	1.6121	495	495	1.5076	555	555	1.4257
436	436	1.6101	496	499	1.5060	556	557	1.4245
437	437	1.6081	500	501	1.5000	558	558	1.4220
438	439	1.6062	502	503	1.4970	559	559	1.4208
440	440	1.6023	504	505	1.4940	560	561	1.4196
441	441	1.6003	506	506	1.4911	562	562	1.4173
442	443	1.5984	507	507	1.4896	563	563	1.4161
444	445	1.5946	508	508	1.4882	564	565	1.4149
446	447	1.5908	509	509	1.4867	566	566	1.4125
448	449	1.5871	510	510	1.4853	567	567	1.4114
450	450	1.5833	511	511	1.4839	568	569	1.4102
451	452	1.5815	512	512	1.4824	570	570	1.4079
453	455	1.5778	513	513	1.4810	571	571	1.4067
456	457	1.5724	514	515	1.4796	572	572	1.4056
458	458	1.5688	516	517	1.4767	573	573	1.4045
459	459	1.5670	518	519	1.4739	574	574	1.4033
460	461	1.5652	520	521	1.4712	575	575	1.4022
462	463	1.5617	522	523	1.4684	576	576	1.4010
464	464	1.5582	524	524	1.4656	577	577	1.3999
465	466	1.5565	525	525	1.4643	578	579	1.3988
467	467	1.5530	526	526	1.4629	580	581	1.3966
468	469	1.5513	527	527	1.4616	582	583	1.3943
470	471	1.5479	528	528	1.4602	584	584	1.3921
472	472	1.5445	529	529	1.4589	585	585	1.3910
473	473	1.5428	530	530	1.4575	586	586	1.3899
474	474	1.5411	531	531	1.4562	587	587	1.3888
475	475	1.5395	532	533	1.4549	588	588	1.3878

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
589	589	1.3867	643	643	1.3332	696	696	1.2888
590	591	1.3856	644	645	1.3323	697	697	1.2880
592	593	1.3834	646	646	1.3305	698	699	1.2872
594	594	1.3813	647	647	1.3296	700	700	1.2857
595	595	1.3803	648	649	1.3287	701	701	1.2850
596	597	1.3792	650	650	1.3269	702	702	1.2842
598	599	1.3771	651	651	1.3260	703	703	1.2834
600	601	1.3750	652	653	1.3252	704	704	1.2827
602	603	1.3729	654	655	1.3234	705	705	1.2819
604	604	1.3709	656	656	1.3216	706	706	1.2812
605	605	1.3698	657	657	1.3208	707	707	1.2804
606	606	1.3688	658	659	1.3199	708	708	1.2797
607	607	1.3678	660	661	1.3182	709	709	1.2789
608	608	1.3668	662	663	1.3165	710	710	1.2782
609	609	1.3658	664	664	1.3148	711	711	1.2774
610	611	1.3648	665	665	1.3139	712	712	1.2767
612	613	1.3627	666	666	1.3131	713	713	1.2759
614	614	1.3607	667	667	1.3122	714	714	1.2752
615	615	1.3598	668	668	1.3114	715	715	1.2745
616	617	1.3588	669	669	1.3105	716	716	1.2737
618	619	1.3568	670	670	1.3097	717	717	1.2730
620	620	1.3548	671	671	1.3089	718	719	1.2723
621	621	1.3539	672	673	1.3080	720	720	1.2708
622	623	1.3529	674	674	1.3064	721	721	1.2701
624	624	1.3510	675	675	1.3056	722	722	1.2694
625	625	1.3500	676	676	1.3047	723	723	1.2687
626	626	1.3490	677	677	1.3039	724	724	1.2680
627	627	1.3481	678	679	1.3031	725	725	1.2672
628	628	1.3471	680	681	1.3015	726	726	1.2665
629	629	1.3462	682	683	1.2999	727	727	1.2658
630	631	1.3452	684	684	1.2982	728	728	1.2651
632	633	1.3434	685	685	1.2974	729	729	1.2644
634	634	1.3415	686	686	1.2966	730	730	1.2637
635	635	1.3406	687	687	1.2959	731	731	1.2630
636	636	1.3396	688	689	1.2951	732	732	1.2623
637	637	1.3387	690	690	1.2935	733	733	1.2616
638	638	1.3378	691	691	1.2927	734	734	1.2609
639	639	1.3369	692	692	1.2919	735	735	1.2602
640	640	1.3359	693	693	1.2911	736	737	1.2595
641	641	1.3350	694	694	1.2903	738	738	1.2581
642	642	1.3341	695	695	1.2896	739	739	1.2574

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
740	740	1.2568	786	786	1.2271	829	829	1.2024
741	741	1.2561	787	787	1.2265	830	830	1.2018
742	742	1.2554	788	788	1.2259	831	831	1.2013
743	743	1.2547	789	789	1.2253	832	833	1.2007
744	744	1.2540	790	790	1.2247	834	834	1.1996
745	745	1.2534	791	791	1.2241	835	835	1.1991
746	746	1.2527	792	792	1.2235	836	836	1.1986
747	747	1.2520	793	793	1.2229	837	837	1.1980
748	749	1.2513	794	794	1.2223	838	838	1.1975
750	750	1.2500	795	795	1.2217	839	839	1.1970
751	751	1.2493	796	796	1.2211	840	840	1.1964
752	752	1.2487	797	797	1.2205	841	841	1.1959
753	753	1.2480	798	798	1.2199	842	842	1.1954
754	754	1.2473	799	799	1.2193	843	843	1.1948
755	755	1.2467	800	800	1.2188	844	844	1.1943
756	756	1.2460	801	801	1.2182	845	845	1.1938
757	757	1.2454	802	802	1.2176	846	846	1.1933
758	758	1.2447	803	803	1.2170	847	847	1.1927
759	759	1.2441	804	804	1.2164	848	848	1.1922
760	761	1.2434	805	805	1.2158	849	849	1.1917
762	762	1.2421	806	807	1.2153	850	850	1.1912
763	763	1.2415	808	808	1.2141	851	851	1.1907
764	764	1.2408	809	809	1.2135	852	852	1.1901
765	766	1.2402	810	810	1.2130	853	853	1.1896
767	767	1.2389	811	811	1.2124	854	854	1.1891
768	768	1.2383	812	812	1.2118	855	855	1.1886
769	769	1.2376	813	813	1.2113	856	856	1.1881
770	770	1.2370	814	814	1.2107	857	857	1.1876
771	771	1.2364	815	815	1.2101	858	858	1.1871
772	772	1.2358	816	816	1.2096	859	859	1.1866
773	773	1.2351	817	817	1.2090	860	860	1.1860
774	774	1.2345	818	818	1.2084	861	861	1.1855
775	775	1.2339	819	819	1.2079	862	862	1.1850
776	776	1.2332	820	820	1.2073	863	863	1.1845
777	777	1.2326	821	821	1.2068	864	864	1.1840
778	779	1.2320	822	822	1.2062	865	865	1.1835
780	780	1.2308	823	823	1.2057	866	866	1.1830
781	781	1.2302	824	824	1.2051	867	867	1.1825
782	782	1.2295	825	825	1.2045	868	868	1.1820
783	783	1.2289	826	827	1.2040	869	869	1.1815
784	785	1.2283	828	828	1.2029	870	870	1.1810

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
871	871	1.1805	913	913	1.1607	954	954	1.1431
872	872	1.1800	914	914	1.1603	955	955	1.1427
873	873	1.1796	915	915	1.1598	956	956	1.1423
874	874	1.1791	916	916	1.1594	957	957	1.1418
875	875	1.1786	917	917	1.1589	958	958	1.1414
876	876	1.1781	918	918	1.1585	959	959	1.1410
877	877	1.1776	919	919	1.1581	960	960	1.1406
878	878	1.1771	920	920	1.1576	961	961	1.1402
879	879	1.1766	921	921	1.1572	962	962	1.1398
880	880	1.1761	922	922	1.1567	963	963	1.1394
881	881	1.1757	923	923	1.1563	964	964	1.1390
882	882	1.1752	924	924	1.1558	965	965	1.1386
883	883	1.1747	925	925	1.1554	966	966	1.1382
884	884	1.1742	926	926	1.1550	967	967	1.1378
885	885	1.1737	927	927	1.1545	968	968	1.1374
886	886	1.1733	928	928	1.1541	969	969	1.1370
887	887	1.1728	929	929	1.1537	970	970	1.1366
888	888	1.1723	930	930	1.1532	971	971	1.1362
889	889	1.1718	931	931	1.1528	972	972	1.1358
890	890	1.1713	932	932	1.1524	973	973	1.1354
891	891	1.1709	933	933	1.1519	974	974	1.1350
892	892	1.1704	934	934	1.1515	975	975	1.1346
893	893	1.1699	935	935	1.1511	976	976	1.1342
894	894	1.1695	936	936	1.1506	977	977	1.1338
895	895	1.1690	937	937	1.1502	978	978	1.1334
896	896	1.1685	938	938	1.1498	979	979	1.1330
897	897	1.1681	939	939	1.1494	980	980	1.1327
898	898	1.1676	940	940	1.1489	981	981	1.1323
899	899	1.1671	941	941	1.1485	982	982	1.1319
900	900	1.1667	942	942	1.1481	983	983	1.1315
901	901	1.1662	943	943	1.1477	984	984	1.1311
902	902	1.1657	944	944	1.1472	985	985	1.1307
903	903	1.1653	945	945	1.1468	986	986	1.1303
904	904	1.1648	946	946	1.1464	987	987	1.1299
905	905	1.1644	947	947	1.1460	988	988	1.1296
906	906	1.1639	948	948	1.1456	989	989	1.1292
907	907	1.1635	949	949	1.1452	990	990	1.1288
908	909	1.1630	950	950	1.1447	991	991	1.1284
910	910	1.1621	951	951	1.1443	992	992	1.1280
911	911	1.1616	952	952	1.1439	993	993	1.1276
912	912	1.1612	953	953	1.1435	994	994	1.1273

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
995	995	1.1269	1,036	1,036	1.1120	1,077	1,077	1.0982
996	996	1.1265	1,037	1,037	1.1116	1,078	1,078	1.0979
997	997	1.1261	1,038	1,038	1.1113	1,079	1,079	1.0975
998	998	1.1258	1,039	1,039	1.1109	1,080	1,080	1.0972
999	999	1.1254	1,040	1,040	1.1106	1,081	1,081	1.0969
1,000	1,000	1.1250	1,041	1,041	1.1102	1,082	1,082	1.0966
1,001	1,001	1.1246	1,042	1,042	1.1099	1,083	1,083	1.0963
1,002	1,002	1.1243	1,043	1,043	1.1095	1,084	1,084	1.0959
1,003	1,003	1.1239	1,044	1,044	1.1092	1,085	1,085	1.0956
1,004	1,004	1.1235	1,045	1,045	1.1089	1,086	1,086	1.0953
1,005	1,005	1.1231	1,046	1,046	1.1085	1,087	1,087	1.0950
1,006	1,006	1.1228	1,047	1,047	1.1082	1,088	1,088	1.0947
1,007	1,007	1.1224	1,048	1,048	1.1078	1,089	1,089	1.0944
1,008	1,008	1.1220	1,049	1,049	1.1075	1,090	1,090	1.0940
1,009	1,009	1.1217	1,050	1,050	1.1071	1,091	1,091	1.0937
1,010	1,010	1.1213	1,051	1,051	1.1068	1,092	1,092	1.0934
1,011	1,011	1.1209	1,052	1,052	1.1065	1,093	1,093	1.0931
1,012	1,012	1.1206	1,053	1,053	1.1061	1,094	1,094	1.0928
1,013	1,013	1.1202	1,054	1,054	1.1058	1,095	1,095	1.0925
1,014	1,014	1.1198	1,055	1,055	1.1055	1,096	1,096	1.0922
1,015	1,015	1.1195	1,056	1,056	1.1051	1,097	1,097	1.0918
1,016	1,016	1.1191	1,057	1,057	1.1048	1,098	1,098	1.0915
1,017	1,017	1.1187	1,058	1,058	1.1044	1,099	1,099	1.0912
1,018	1,018	1.1184	1,059	1,059	1.1041	1,100	1,100	1.0909
1,019	1,019	1.1180	1,060	1,060	1.1038	1,101	1,101	1.0906
1,020	1,020	1.1176	1,061	1,061	1.1034	1,102	1,102	1.0903
1,021	1,021	1.1173	1,062	1,062	1.1031	1,103	1,103	1.0900
1,022	1,022	1.1169	1,063	1,063	1.1028	1,104	1,104	1.0897
1,023	1,023	1.1166	1,064	1,064	1.1024	1,105	1,105	1.0894
1,024	1,024	1.1162	1,065	1,065	1.1021	1,106	1,106	1.0891
1,025	1,025	1.1159	1,066	1,066	1.1018	1,107	1,107	1.0888
1,026	1,026	1.1155	1,067	1,067	1.1015	1,108	1,108	1.0884
1,027	1,027	1.1151	1,068	1,068	1.1011	1,109	1,109	1.0881
1,028	1,028	1.1148	1,069	1,069	1.1008	1,110	1,110	1.0878
1,029	1,029	1.1144	1,070	1,070	1.1005	1,111	1,111	1.0875
1,030	1,030	1.1141	1,071	1,071	1.1001	1,112	1,112	1.0872
1,031	1,031	1.1137	1,072	1,072	1.0998	1,113	1,113	1.0869
1,032	1,032	1.1134	1,073	1,073	1.0995	1,114	1,114	1.0866
1,033	1,033	1.1130	1,074	1,074	1.0992	1,115	1,115	1.0863
1,034	1,034	1.1127	1,075	1,075	1.0988	1,116	1,116	1.0860
1,035	1,035	1.1123	1,076	1,076	1.0985	1,117	1,117	1.0857

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,118	1,118	1.0854	1,159	1,159	1.0736	1,201	1,201	1.0622
1,119	1,119	1.0851	1,160	1,160	1.0733	1,202	1,202	1.0620
1,120	1,120	1.0848	1,161	1,161	1.0730	1,203	1,203	1.0617
1,121	1,121	1.0845	1,162	1,162	1.0727	1,204	1,204	1.0615
1,122	1,122	1.0842	1,163	1,163	1.0724	1,205	1,205	1.0612
1,123	1,123	1.0839	1,164	1,164	1.0722	1,206	1,206	1.0609
1,124	1,124	1.0836	1,165	1,165	1.0719	1,207	1,207	1.0607
1,125	1,125	1.0833	1,166	1,166	1.0716	1,208	1,208	1.0604
1,126	1,126	1.0830	1,167	1,167	1.0713	1,209	1,209	1.0602
1,127	1,127	1.0827	1,168	1,168	1.0711	1,210	1,210	1.0599
1,128	1,128	1.0824	1,169	1,169	1.0708	1,211	1,211	1.0597
1,129	1,129	1.0822	1,170	1,170	1.0705	1,212	1,212	1.0594
1,130	1,130	1.0819	1,171	1,171	1.0702	1,213	1,213	1.0592
1,131	1,131	1.0816	1,172	1,172	1.0700	1,214	1,214	1.0589
1,132	1,132	1.0813	1,173	1,173	1.0697	1,215	1,215	1.0586
1,133	1,133	1.0810	1,174	1,174	1.0694	1,216	1,216	1.0584
1,134	1,134	1.0807	1,175	1,175	1.0691	1,217	1,217	1.0581
1,135	1,135	1.0804	1,176	1,176	1.0689	1,218	1,218	1.0579
1,136	1,136	1.0801	1,177	1,177	1.0686	1,219	1,219	1.0576
1,137	1,137	1.0798	1,178	1,178	1.0683	1,220	1,220	1.0574
1,138	1,138	1.0795	1,179	1,179	1.0681	1,221	1,221	1.0571
1,139	1,139	1.0792	1,180	1,181	1.0678	1,222	1,222	1.0569
1,140	1,140	1.0789	1,182	1,182	1.0673	1,223	1,223	1.0566
1,141	1,141	1.0787	1,183	1,183	1.0670	1,224	1,224	1.0564
1,142	1,142	1.0784	1,184	1,184	1.0667	1,225	1,225	1.0561
1,143	1,143	1.0781	1,185	1,185	1.0665	1,226	1,226	1.0559
1,144	1,144	1.0778	1,186	1,186	1.0662	1,227	1,227	1.0556
1,145	1,145	1.0775	1,187	1,187	1.0659	1,228	1,228	1.0554
1,146	1,146	1.0772	1,188	1,188	1.0657	1,229	1,229	1.0551
1,147	1,147	1.0769	1,189	1,189	1.0654	1,230	1,230	1.0549
1,148	1,148	1.0767	1,190	1,190	1.0651	1,231	1,231	1.0546
1,149	1,149	1.0764	1,191	1,191	1.0649	1,232	1,232	1.0544
1,150	1,150	1.0761	1,192	1,192	1.0646	1,233	1,233	1.0541
1,151	1,151	1.0758	1,193	1,193	1.0643	1,234	1,234	1.0539
1,152	1,152	1.0755	1,194	1,194	1.0641	1,235	1,235	1.0536
1,153	1,153	1.0752	1,195	1,195	1.0638	1,236	1,236	1.0534
1,154	1,154	1.0750	1,196	1,196	1.0635	1,237	1,237	1.0532
1,155	1,155	1.0747	1,197	1,197	1.0633	1,238	1,238	1.0529
1,156	1,156	1.0744	1,198	1,198	1.0630	1,239	1,239	1.0527
1,157	1,157	1.0741	1,199	1,199	1.0628	1,240	1,240	1.0524
1,158	1,158	1.0738	1,200	1,200	1.0625	1,241	1,241	1.0522

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,242	1,242	1.0519	1,283	1,283	1.0423	1,324	1,324	1.0332
1,243	1,243	1.0517	1,284	1,284	1.0421	1,325	1,325	1.0330
1,244	1,244	1.0514	1,285	1,285	1.0418	1,326	1,326	1.0328
1,245	1,245	1.0512	1,286	1,286	1.0416	1,327	1,327	1.0326
1,246	1,246	1.0510	1,287	1,287	1.0414	1,328	1,328	1.0324
1,247	1,247	1.0507	1,288	1,288	1.0411	1,329	1,329	1.0322
1,248	1,248	1.0505	1,289	1,289	1.0409	1,330	1,330	1.0320
1,249	1,249	1.0502	1,290	1,290	1.0407	1,331	1,331	1.0317
1,250	1,250	1.0500	1,291	1,291	1.0405	1,332	1,332	1.0315
1,251	1,251	1.0498	1,292	1,292	1.0402	1,333	1,333	1.0313
1,252	1,252	1.0495	1,293	1,293	1.0400	1,334	1,334	1.0311
1,253	1,253	1.0493	1,294	1,294	1.0398	1,335	1,335	1.0309
1,254	1,254	1.0490	1,295	1,295	1.0396	1,336	1,336	1.0307
1,255	1,255	1.0488	1,296	1,296	1.0394	1,337	1,337	1.0305
1,256	1,256	1.0486	1,297	1,297	1.0391	1,338	1,338	1.0303
1,257	1,257	1.0483	1,298	1,298	1.0389	1,339	1,339	1.0301
1,258	1,258	1.0481	1,299	1,299	1.0387	1,340	1,340	1.0299
1,259	1,259	1.0479	1,300	1,300	1.0385	1,341	1,341	1.0296
1,260	1,260	1.0476	1,301	1,301	1.0382	1,342	1,342	1.0294
1,261	1,261	1.0474	1,302	1,302	1.0380	1,343	1,343	1.0292
1,262	1,262	1.0471	1,303	1,303	1.0378	1,344	1,344	1.0290
1,263	1,263	1.0469	1,304	1,304	1.0376	1,345	1,345	1.0288
1,264	1,264	1.0467	1,305	1,305	1.0374	1,346	1,346	1.0286
1,265	1,265	1.0464	1,306	1,306	1.0371	1,347	1,347	1.0284
1,266	1,266	1.0462	1,307	1,307	1.0369	1,348	1,348	1.0282
1,267	1,267	1.0460	1,308	1,308	1.0367	1,349	1,349	1.0280
1,268	1,268	1.0457	1,309	1,309	1.0365	1,350	1,350	1.0278
1,269	1,269	1.0455	1,310	1,310	1.0363	1,351	1,351	1.0276
1,270	1,270	1.0453	1,311	1,311	1.0360	1,352	1,352	1.0274
1,271	1,271	1.0450	1,312	1,312	1.0358	1,353	1,353	1.0272
1,272	1,272	1.0448	1,313	1,313	1.0356	1,354	1,354	1.0270
1,273	1,273	1.0446	1,314	1,314	1.0354	1,355	1,355	1.0268
1,274	1,274	1.0443	1,315	1,315	1.0352	1,356	1,356	1.0265
1,275	1,275	1.0441	1,316	1,316	1.0350	1,357	1,357	1.0263
1,276	1,276	1.0439	1,317	1,317	1.0347	1,358	1,358	1.0261
1,277	1,277	1.0437	1,318	1,318	1.0345	1,359	1,359	1.0259
1,278	1,278	1.0434	1,319	1,319	1.0343	1,360	1,360	1.0257
1,279	1,279	1.0432	1,320	1,320	1.0341	1,361	1,361	1.0255
1,280	1,280	1.0430	1,321	1,321	1.0339	1,362	1,362	1.0253
1,281	1,281	1.0427	1,322	1,322	1.0337	1,363	1,363	1.0251
1,282	1,282	1.0425	1,323	1,323	1.0334	1,364	1,364	1.0249

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,365	1,365	1.0247	1,406	1,406	1.0167	1,447	1,447	1.0092
1,366	1,366	1.0245	1,407	1,407	1.0165	1,448	1,448	1.0090
1,367	1,367	1.0243	1,408	1,408	1.0163	1,449	1,449	1.0088
1,368	1,368	1.0241	1,409	1,409	1.0161	1,450	1,450	1.0086
1,369	1,369	1.0239	1,410	1,410	1.0160	1,451	1,451	1.0084
1,370	1,370	1.0237	1,411	1,411	1.0158	1,452	1,452	1.0083
1,371	1,371	1.0235	1,412	1,412	1.0156	1,453	1,453	1.0081
1,372	1,372	1.0233	1,413	1,413	1.0154	1,454	1,454	1.0079
1,373	1,373	1.0231	1,414	1,414	1.0152	1,455	1,455	1.0077
1,374	1,374	1.0229	1,415	1,415	1.0150	1,456	1,456	1.0076
1,375	1,375	1.0227	1,416	1,416	1.0148	1,457	1,457	1.0074
1,376	1,376	1.0225	1,417	1,417	1.0146	1,458	1,458	1.0072
1,377	1,377	1.0223	1,418	1,418	1.0145	1,459	1,459	1.0070
1,378	1,378	1.0221	1,419	1,419	1.0143	1,460	1,460	1.0068
1,379	1,379	1.0219	1,420	1,420	1.0141	1,461	1,461	1.0067
1,380	1,380	1.0217	1,421	1,421	1.0139	1,462	1,462	1.0065
1,381	1,381	1.0215	1,422	1,422	1.0137	1,463	1,463	1.0063
1,382	1,382	1.0213	1,423	1,423	1.0135	1,464	1,464	1.0061
1,383	1,383	1.0211	1,424	1,424	1.0133	1,465	1,465	1.0060
1,384	1,384	1.0210	1,425	1,425	1.0132	1,466	1,466	1.0058
1,385	1,385	1.0208	1,426	1,426	1.0130	1,467	1,467	1.0056
1,386	1,386	1.0206	1,427	1,427	1.0128	1,468	1,468	1.0054
1,387	1,387	1.0204	1,428	1,428	1.0126	1,469	1,469	1.0053
1,388	1,388	1.0202	1,429	1,429	1.0124	1,470	1,470	1.0051
1,389	1,389	1.0200	1,430	1,430	1.0122	1,471	1,471	1.0049
1,390	1,390	1.0198	1,431	1,431	1.0121	1,472	1,472	1.0048
1,391	1,391	1.0196	1,432	1,432	1.0119	1,473	1,473	1.0046
1,392	1,392	1.0194	1,433	1,433	1.0117	1,474	1,474	1.0044
1,393	1,393	1.0192	1,434	1,434	1.0115	1,475	1,475	1.0042
1,394	1,394	1.0190	1,435	1,435	1.0113	1,476	1,476	1.0041
1,395	1,395	1.0188	1,436	1,436	1.0111	1,477	1,477	1.0039
1,396	1,396	1.0186	1,437	1,437	1.0110	1,478	1,478	1.0037
1,397	1,397	1.0184	1,438	1,438	1.0108	1,479	1,479	1.0035
1,398	1,398	1.0182	1,439	1,439	1.0106	1,480	1,480	1.0034
1,399	1,399	1.0180	1,440	1,440	1.0104	1,481	1,481	1.0032
1,400	1,400	1.0179	1,441	1,441	1.0102	1,482	1,482	1.0030
1,401	1,401	1.0177	1,442	1,442	1.0101	1,483	1,483	1.0029
1,402	1,402	1.0175	1,443	1,443	1.0099	1,484	1,484	1.0027
1,403	1,403	1.0173	1,444	1,444	1.0097	1,485	1,485	1.0025
1,404	1,404	1.0171	1,445	1,445	1.0095	1,486	1,486	1.0024
1,405	1,405	1.0169	1,446	1,446	1.0093	1,487	1,487	1.0022

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,488	1,488	1.0020	1,529	1,529	0.9953	1,570	1,570	0.9889
1,489	1,489	1.0018	1,530	1,530	0.9951	1,571	1,571	0.9887
1,490	1,490	1.0017	1,531	1,531	0.9949	1,572	1,572	0.9885
1,491	1,491	1.0015	1,532	1,532	0.9948	1,573	1,573	0.9884
1,492	1,492	1.0013	1,533	1,533	0.9946	1,574	1,574	0.9882
1,493	1,493	1.0012	1,534	1,534	0.9945	1,575	1,575	0.9881
1,494	1,494	1.0010	1,535	1,535	0.9943	1,576	1,576	0.9879
1,495	1,495	1.0008	1,536	1,536	0.9941	1,577	1,577	0.9878
1,496	1,496	1.0007	1,537	1,537	0.9940	1,578	1,578	0.9876
1,497	1,497	1.0005	1,538	1,538	0.9938	1,579	1,579	0.9875
1,498	1,498	1.0003	1,539	1,539	0.9937	1,580	1,580	0.9873
1,499	1,499	1.0002	1,540	1,540	0.9935	1,581	1,581	0.9872
1,500	**1,500**	**1.0000**	1,541	1,541	0.9933	1,582	1,582	0.9870
1,501	1,501	0.9998	1,542	1,542	0.9932	1,583	1,583	0.9869
1,502	1,502	0.9997	1,543	1,543	0.9930	1,584	1,584	0.9867
1,503	1,503	0.9995	1,544	1,544	0.9929	1,585	1,585	0.9866
1,504	1,504	0.9993	1,545	1,545	0.9927	1,586	1,586	0.9864
1,505	1,505	0.9992	1,546	1,546	0.9926	1,587	1,587	0.9863
1,506	1,506	0.9990	1,547	1,547	0.9924	1,588	1,588	0.9861
1,507	1,507	0.9988	1,548	1,548	0.9922	1,589	1,589	0.9860
1,508	1,508	0.9987	1,549	1,549	0.9921	1,590	1,590	0.9858
1,509	1,509	0.9985	1,550	1,550	0.9919	1,591	1,591	0.9857
1,510	1,510	0.9983	1,551	1,551	0.9918	1,592	1,592	0.9856
1,511	1,511	0.9982	1,552	1,552	0.9916	1,593	1,593	0.9854
1,512	1,512	0.9980	1,553	1,553	0.9915	1,594	1,594	0.9853
1,513	1,513	0.9979	1,554	1,554	0.9913	1,595	1,595	0.9851
1,514	1,514	0.9977	1,555	1,555	0.9912	1,596	1,596	0.9850
1,515	1,515	0.9975	1,556	1,556	0.9910	1,597	1,597	0.9848
1,516	1,516	0.9974	1,557	1,557	0.9908	1,598	1,598	0.9847
1,517	1,517	0.9972	1,558	1,558	0.9907	1,599	1,599	0.9845
1,518	1,518	0.9970	1,559	1,559	0.9905	1,600	1,600	0.9844
1,519	1,519	0.9969	1,560	1,560	0.9904	1,601	1,601	0.9842
1,520	1,520	0.9967	1,561	1,561	0.9902	1,602	1,602	0.9841
1,521	1,521	0.9965	1,562	1,562	0.9901	1,603	1,603	0.9839
1,522	1,522	0.9964	1,563	1,563	0.9899	1,604	1,604	0.9838
1,523	1,523	0.9962	1,564	1,564	0.9898	1,605	1,605	0.9836
1,524	1,524	0.9961	1,565	1,565	0.9896	1,606	1,606	0.9835
1,525	1,525	0.9959	1,566	1,566	0.9895	1,607	1,607	0.9834
1,526	1,526	0.9957	1,567	1,567	0.9893	1,608	1,608	0.9832
1,527	1,527	0.9956	1,568	1,568	0.9892	1,609	1,609	0.9831
1,528	1,528	0.9954	1,569	1,569	0.9890	1,610	1,610	0.9829

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,611	1,611	0.9828	1,652	1,652	0.9770	1,693	1,693	0.9715
1,612	1,612	0.9826	1,653	1,653	0.9769	1,694	1,694	0.9714
1,613	1,613	0.9825	1,654	1,654	0.9767	1,695	1,695	0.9712
1,614	1,614	0.9823	1,655	1,655	0.9766	1,696	1,696	0.9711
1,615	1,615	0.9822	1,656	1,656	0.9764	1,697	1,697	0.9710
1,616	1,616	0.9821	1,657	1,657	0.9763	1,698	1,698	0.9708
1,617	1,617	0.9819	1,658	1,658	0.9762	1,699	1,699	0.9707
1,618	1,618	0.9818	1,659	1,659	0.9760	1,700	1,700	0.9706
1,619	1,619	0.9816	1,660	1,660	0.9759	1,701	1,701	0.9705
1,620	1,620	0.9815	1,661	1,661	0.9758	1,702	1,702	0.9703
1,621	1,621	0.9813	1,662	1,662	0.9756	1,703	1,703	0.9702
1,622	1,622	0.9812	1,663	1,663	0.9755	1,704	1,704	0.9701
1,623	1,623	0.9811	1,664	1,664	0.9754	1,705	1,705	0.9699
1,624	1,624	0.9809	1,665	1,665	0.9752	1,706	1,706	0.9698
1,625	1,625	0.9808	1,666	1,666	0.9751	1,707	1,707	0.9697
1,626	1,626	0.9806	1,667	1,667	0.9750	1,708	1,708	0.9696
1,627	1,627	0.9805	1,668	1,668	0.9748	1,709	1,709	0.9694
1,628	1,628	0.9803	1,669	1,669	0.9747	1,710	1,710	0.9693
1,629	1,629	0.9802	1,670	1,670	0.9746	1,711	1,711	0.9692
1,630	1,630	0.9801	1,671	1,671	0.9744	1,712	1,712	0.9690
1,631	1,631	0.9799	1,672	1,672	0.9743	1,713	1,713	0.9689
1,632	1,632	0.9798	1,673	1,673	0.9741	1,714	1,714	0.9688
1,633	1,633	0.9796	1,674	1,674	0.9740	1,715	1,715	0.9687
1,634	1,634	0.9795	1,675	1,675	0.9739	1,716	1,716	0.9685
1,635	1,635	0.9794	1,676	1,676	0.9737	1,717	1,717	0.9684
1,636	1,636	0.9792	1,677	1,677	0.9736	1,718	1,718	0.9683
1,637	1,637	0.9791	1,678	1,678	0.9735	1,719	1,719	0.9682
1,638	1,638	0.9789	1,679	1,679	0.9733	1,720	1,720	0.9680
1,639	1,639	0.9788	1,680	1,680	0.9732	1,721	1,721	0.9679
1,640	1,640	0.9787	1,681	1,681	0.9731	1,722	1,722	0.9678
1,641	1,641	0.9785	1,682	1,682	0.9729	1,723	1,723	0.9676
1,642	1,642	0.9784	1,683	1,683	0.9728	1,724	1,724	0.9675
1,643	1,643	0.9782	1,684	1,684	0.9727	1,725	1,725	0.9674
1,644	1,644	0.9781	1,685	1,685	0.9726	1,726	1,726	0.9673
1,645	1,645	0.9780	1,686	1,686	0.9724	1,727	1,727	0.9671
1,646	1,646	0.9778	1,687	1,687	0.9723	1,728	1,728	0.9670
1,647	1,647	0.9777	1,688	1,688	0.9722	1,729	1,729	0.9669
1,648	1,648	0.9775	1,689	1,689	0.9720	1,730	1,730	0.9668
1,649	1,649	0.9774	1,690	1,690	0.9719	1,731	1,731	0.9666
1,650	1,650	0.9773	1,691	1,691	0.9718	1,732	1,732	0.9665
1,651	1,651	0.9771	1,692	1,692	0.9716	1,733	1,733	0.9664

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,734	1,734	0.9663	1,775	1,775	0.9613	1,816	1,816	0.9565
1,735	1,735	0.9661	1,776	1,776	0.9611	1,817	1,817	0.9564
1,736	1,736	0.9660	1,777	1,777	0.9610	1,818	1,818	0.9563
1,737	1,737	0.9659	1,778	1,778	0.9609	1,819	1,819	0.9562
1,738	1,738	0.9658	1,779	1,779	0.9608	1,820	1,820	0.9560
1,739	1,739	0.9656	1,780	1,780	0.9607	1,821	1,821	0.9559
1,740	1,740	0.9655	1,781	1,781	0.9606	1,822	1,822	0.9558
1,741	1,741	0.9654	1,782	1,782	0.9604	1,823	1,823	0.9557
1,742	1,742	0.9653	1,783	1,783	0.9603	1,824	1,824	0.9556
1,743	1,743	0.9651	1,784	1,784	0.9602	1,825	1,825	0.9555
1,744	1,744	0.9650	1,785	1,785	0.9601	1,826	1,826	0.9554
1,745	1,745	0.9649	1,786	1,786	0.9600	1,827	1,827	0.9553
1,746	1,746	0.9648	1,787	1,787	0.9598	1,828	1,828	0.9551
1,747	1,747	0.9647	1,788	1,788	0.9597	1,829	1,829	0.9550
1,748	1,748	0.9645	1,789	1,789	0.9596	1,830	1,830	0.9549
1,749	1,749	0.9644	1,790	1,790	0.9595	1,831	1,831	0.9548
1,750	1,750	0.9643	1,791	1,791	0.9594	1,832	1,832	0.9547
1,751	1,751	0.9642	1,792	1,792	0.9593	1,833	1,833	0.9546
1,752	1,752	0.9640	1,793	1,793	0.9591	1,834	1,834	0.9545
1,753	1,753	0.9639	1,794	1,794	0.9590	1,835	1,835	0.9544
1,754	1,754	0.9638	1,795	1,795	0.9589	1,836	1,836	0.9542
1,755	1,755	0.9637	1,796	1,796	0.9588	1,837	1,837	0.9541
1,756	1,756	0.9636	1,797	1,797	0.9587	1,838	1,838	0.9540
1,757	1,757	0.9634	1,798	1,798	0.9586	1,839	1,839	0.9539
1,758	1,758	0.9633	1,799	1,799	0.9584	1,840	1,840	0.9538
1,759	1,759	0.9632	1,800	1,800	0.9583	1,841	1,841	0.9537
1,760	1,760	0.9631	1,801	1,801	0.9582	1,842	1,842	0.9536
1,761	1,761	0.9629	1,802	1,802	0.9581	1,843	1,843	0.9535
1,762	1,762	0.9628	1,803	1,803	0.9580	1,844	1,844	0.9534
1,763	1,763	0.9627	1,804	1,804	0.9579	1,845	1,845	0.9533
1,764	1,764	0.9626	1,805	1,805	0.9578	1,846	1,846	0.9531
1,765	1,765	0.9625	1,806	1,806	0.9576	1,847	1,847	0.9530
1,766	1,766	0.9623	1,807	1,807	0.9575	1,848	1,848	0.9529
1,767	1,767	0.9622	1,808	1,808	0.9574	1,849	1,849	0.9528
1,768	1,768	0.9621	1,809	1,809	0.9573	1,850	1,850	0.9527
1,769	1,769	0.9620	1,810	1,810	0.9572	1,851	1,851	0.9526
1,770	1,770	0.9619	1,811	1,811	0.9571	1,852	1,852	0.9525
1,771	1,771	0.9617	1,812	1,812	0.9570	1,853	1,853	0.9524
1,772	1,772	0.9616	1,813	1,813	0.9568	1,854	1,854	0.9523
1,773	1,773	0.9615	1,814	1,814	0.9567	1,855	1,855	0.9522
1,774	1,774	0.9614	1,815	1,815	0.9566	1,856	1,856	0.9520

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,857	1,857	0.9519	1,898	1,898	0.9476	1,939	1,939	0.9434
1,858	1,858	0.9518	1,899	1,899	0.9475	1,940	1,940	0.9433
1,859	1,859	0.9517	1,900	1,900	0.9474	1,941	1,941	0.9432
1,860	1,860	0.9516	1,901	1,901	0.9473	1,942	1,942	0.9431
1,861	1,861	0.9515	1,902	1,902	0.9472	1,943	1,943	0.9430
1,862	1,862	0.9514	1,903	1,903	0.9471	1,944	1,944	0.9429
1,863	1,863	0.9513	1,904	1,904	0.9470	1,945	1,945	0.9428
1,864	1,864	0.9512	1,905	1,905	0.9469	1,946	1,946	0.9427
1,865	1,865	0.9511	1,906	1,906	0.9467	1,947	1,947	0.9426
1,866	1,866	0.9510	1,907	1,907	0.9466	1,948	1,948	0.9425
1,867	1,867	0.9509	1,908	1,908	0.9465	1,949	1,949	0.9424
1,868	1,868	0.9507	1,909	1,909	0.9464	1,950	1,950	0.9423
1,869	1,869	0.9506	1,910	1,910	0.9463	1,951	1,951	0.9422
1,870	1,870	0.9505	1,911	1,911	0.9462	1,952	1,952	0.9421
1,871	1,871	0.9504	1,912	1,912	0.9461	1,953	1,953	0.9420
1,872	1,872	0.9503	1,913	1,913	0.9460	1,954	1,954	0.9419
1,873	1,873	0.9502	1,914	1,914	0.9459	1,955	1,955	0.9418
1,874	1,874	0.9501	1,915	1,915	0.9458	1,956	1,956	0.9417
1,875	1,875	0.9500	1,916	1,916	0.9457	1,957	1,957	0.9416
1,876	1,876	0.9499	1,917	1,917	0.9456	1,958	1,958	0.9415
1,877	1,877	0.9498	1,918	1,918	0.9455	1,959	1,959	0.9414
1,878	1,878	0.9497	1,919	1,919	0.9454	1,960	1,960	0.9413
1,879	1,879	0.9496	1,920	1,920	0.9453	1,961	1,961	0.9412
1,880	1,880	0.9495	1,921	1,921	0.9452	1,962	1,962	0.9411
1,881	1,881	0.9494	1,922	1,922	0.9451	1,963	1,963	0.9410
1,882	1,882	0.9493	1,923	1,923	0.9450	1,964	1,964	0.9409
1,883	1,883	0.9492	1,924	1,924	0.9449	1,965	1,965	0.9408
1,884	1,884	0.9490	1,925	1,925	0.9448	1,966	1,966	0.9407
1,885	1,885	0.9489	1,926	1,926	0.9447	1,967	1,967	0.9406
1,886	1,886	0.9488	1,927	1,927	0.9446	1,968	1,968	0.9405
1,887	1,887	0.9487	1,928	1,928	0.9445	1,969	1,969	0.9405
1,888	1,888	0.9486	1,929	1,929	0.9444	1,970	1,970	0.9404
1,889	1,889	0.9485	1,930	1,930	0.9443	1,971	1,971	0.9403
1,890	1,890	0.9484	1,931	1,931	0.9442	1,972	1,972	0.9402
1,891	1,891	0.9483	1,932	1,932	0.9441	1,973	1,973	0.9401
1,892	1,892	0.9482	1,933	1,933	0.9440	1,974	1,974	0.9400
1,893	1,893	0.9481	1,934	1,934	0.9439	1,975	1,975	0.9399
1,894	1,894	0.9480	1,935	1,935	0.9438	1,976	1,976	0.9398
1,895	1,895	0.9479	1,936	1,936	0.9437	1,977	1,977	0.9397
1,896	1,896	0.9478	1,937	1,937	0.9436	1,978	1,978	0.9396
1,897	1,897	0.9477	1,938	1,938	0.9435	1,979	1,979	0.9395

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
1,980	1,980	0.9394	2,021	2,021	0.9356	2,062	2,062	0.9319
1,981	1,981	0.9393	2,022	2,022	0.9355	2,063	2,063	0.9318
1,982	1,982	0.9392	2,023	2,023	0.9354	2,064	2,064	0.9317
1,983	1,983	0.9391	2,024	2,024	0.9353	2,065	2,065	0.9316
1,984	1,984	0.9390	2,025	2,025	0.9352	2,066	2,066	0.9315
1,985	1,985	0.9389	2,026	2,026	0.9351	2,067	2,067	0.9314
1,986	1,986	0.9388	2,027	2,027	0.9350	2,068	2,068	0.9313
1,987	1,987	0.9387	2,028	2,028	0.9349	2,069	2,069	0.9312
1,988	1,988	0.9386	2,029	2,029	0.9348	2,070	2,070	0.9312
1,989	1,989	0.9385	2,030	2,030	0.9347	2,071	2,071	0.9311
1,990	1,990	0.9384	2,031	2,031	0.9346	2,072	2,072	0.9310
1,991	1,991	0.9383	2,032	2,032	0.9345	2,073	2,073	0.9309
1,992	1,992	0.9383	2,033	2,033	0.9345	2,074	2,074	0.9308
1,993	1,993	0.9382	2,034	2,034	0.9344	2,075	2,075	0.9307
1,994	1,994	0.9381	2,035	2,035	0.9343	2,076	2,076	0.9306
1,995	1,995	0.9380	2,036	2,036	0.9342	2,077	2,077	0.9305
1,996	1,996	0.9379	2,037	2,037	0.9341	2,078	2,078	0.9305
1,997	1,997	0.9378	2,038	2,038	0.9340	2,079	2,079	0.9304
1,998	1,998	0.9377	2,039	2,039	0.9339	2,080	2,080	0.9303
1,999	1,999	0.9376	2,040	2,040	0.9338	2,081	2,081	0.9302
2,000	2,000	0.9375	2,041	2,041	0.9337	2,082	2,082	0.9301
2,001	2,001	0.9374	2,042	2,042	0.9336	2,083	2,083	0.9300
2,002	2,002	0.9373	2,043	2,043	0.9336	2,084	2,084	0.9299
2,003	2,003	0.9372	2,044	2,044	0.9335	2,085	2,085	0.9299
2,004	2,004	0.9371	2,045	2,045	0.9334	2,086	2,086	0.9298
2,005	2,005	0.9370	2,046	2,046	0.9333	2,087	2,087	0.9297
2,006	2,006	0.9369	2,047	2,047	0.9332	2,088	2,088	0.9296
2,007	2,007	0.9368	2,048	2,048	0.9331	2,089	2,089	0.9295
2,008	2,008	0.9368	2,049	2,049	0.9330	2,090	2,090	0.9294
2,009	2,009	0.9367	2,050	2,050	0.9329	2,091	2,091	0.9293
2,010	2,010	0.9366	2,051	2,051	0.9328	2,092	2,092	0.9293
2,011	2,011	0.9365	2,052	2,052	0.9327	2,093	2,093	0.9292
2,012	2,012	0.9364	2,053	2,053	0.9327	2,094	2,094	0.9291
2,013	2,013	0.9363	2,054	2,054	0.9326	2,095	2,095	0.9290
2,014	2,014	0.9362	2,055	2,055	0.9325	2,096	2,096	0.9289
2,015	2,015	0.9361	2,056	2,056	0.9324	2,097	2,097	0.9288
2,016	2,016	0.9360	2,057	2,057	0.9323	2,098	2,098	0.9287
2,017	2,017	0.9359	2,058	2,058	0.9322	2,099	2,099	0.9287
2,018	2,018	0.9358	2,059	2,059	0.9321	2,100	2,100	0.9286
2,019	2,019	0.9357	2,060	2,060	0.9320	2,101	2,101	0.9285
2,020	2,020	0.9356	2,061	2,061	0.9320	2,102	2,102	0.9284

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,103	2,103	0.9283	2,144	2,145	0.9249	2,187	2,187	0.9215
2,104	2,104	0.9282	2,146	2,146	0.9247	2,188	2,188	0.9214
2,105	2,105	0.9281	2,147	2,147	0.9247	2,189	2,189	0.9213
2,106	2,106	0.9281	2,148	2,148	0.9246	2,190	2,190	0.9212
2,107	2,107	0.9280	2,149	2,149	0.9245	2,191	2,191	0.9212
2,108	2,108	0.9279	2,150	2,150	0.9244	2,192	2,192	0.9211
2,109	2,109	0.9278	2,151	2,151	0.9243	2,193	2,193	0.9210
2,110	2,110	0.9277	2,152	2,152	0.9243	2,194	2,194	0.9209
2,111	2,111	0.9276	2,153	2,153	0.9242	2,195	2,195	0.9208
2,112	2,112	0.9276	2,154	2,154	0.9241	2,196	2,196	0.9208
2,113	2,113	0.9275	2,155	2,155	0.9240	2,197	2,197	0.9207
2,114	2,114	0.9274	2,156	2,156	0.9239	2,198	2,198	0.9206
2,115	2,115	0.9273	2,157	2,158	0.9239	2,199	2,199	0.9205
2,116	2,116	0.9272	2,159	2,159	0.9237	2,200	2,200	0.9205
2,117	2,117	0.9271	2,160	2,160	0.9236	2,201	2,201	0.9204
2,118	2,118	0.9271	2,161	2,161	0.9235	2,202	2,202	0.9203
2,119	2,119	0.9270	2,162	2,162	0.9235	2,203	2,203	0.9202
2,120	2,120	0.9269	2,163	2,163	0.9234	2,204	2,204	0.9201
2,121	2,121	0.9268	2,164	2,164	0.9233	2,205	2,205	0.9201
2,122	2,122	0.9267	2,165	2,165	0.9232	2,206	2,206	0.9200
2,123	2,123	0.9266	2,166	2,166	0.9231	2,207	2,207	0.9199
2,124	2,124	0.9266	2,167	2,167	0.9231	2,208	2,208	0.9198
2,125	2,125	0.9265	2,168	2,168	0.9230	2,209	2,209	0.9198
2,126	2,126	0.9264	2,169	2,169	0.9229	2,210	2,210	0.9197
2,127	2,127	0.9263	2,170	2,170	0.9228	2,211	2,211	0.9196
2,128	2,128	0.9262	2,171	2,171	0.9227	2,212	2,212	0.9195
2,129	2,129	0.9261	2,172	2,172	0.9227	2,213	2,213	0.9195
2,130	2,130	0.9261	2,173	2,173	0.9226	2,214	2,214	0.9194
2,131	2,131	0.9260	2,174	2,174	0.9225	2,215	2,215	0.9193
2,132	2,132	0.9259	2,175	2,175	0.9224	2,216	2,216	0.9192
2,133	2,133	0.9258	2,176	2,176	0.9223	2,217	2,217	0.9191
2,134	2,134	0.9257	2,177	2,177	0.9223	2,218	2,219	0.9191
2,135	2,135	0.9256	2,178	2,178	0.9222	2,220	2,220	0.9189
2,136	2,136	0.9256	2,179	2,179	0.9221	2,221	2,221	0.9188
2,137	2,137	0.9255	2,180	2,180	0.9220	2,222	2,222	0.9188
2,138	2,138	0.9254	2,181	2,181	0.9219	2,223	2,223	0.9187
2,139	2,139	0.9253	2,182	2,182	0.9219	2,224	2,224	0.9186
2,140	2,140	0.9252	2,183	2,183	0.9218	2,225	2,225	0.9185
2,141	2,141	0.9252	2,184	2,184	0.9217	2,226	2,226	0.9185
2,142	2,142	0.9251	2,185	2,185	0.9216	2,227	2,227	0.9184
2,143	2,143	0.9250	2,186	2,186	0.9215	2,228	2,228	0.9183

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,229	2,229	0.9182	2,270	2,270	0.9152	2,311	2,311	0.9123
2,230	2,230	0.9182	2,271	2,271	0.9151	2,312	2,312	0.9122
2,231	2,231	0.9181	2,272	2,272	0.9151	2,313	2,313	0.9121
2,232	2,232	0.9180	2,273	2,273	0.9150	2,314	2,314	0.9121
2,233	2,233	0.9179	2,274	2,274	0.9149	2,315	2,315	0.9120
2,234	2,234	0.9179	2,275	2,275	0.9148	2,316	2,316	0.9119
2,235	2,235	0.9178	2,276	2,276	0.9148	2,317	2,317	0.9118
2,236	2,236	0.9177	2,277	2,277	0.9147	2,318	2,318	0.9118
2,237	2,237	0.9176	2,278	2,278	0.9146	2,319	2,319	0.9117
2,238	2,238	0.9176	2,279	2,279	0.9145	2,320	2,320	0.9116
2,239	2,239	0.9175	2,280	2,280	0.9145	2,321	2,321	0.9116
2,240	2,240	0.9174	2,281	2,281	0.9144	2,322	2,322	0.9115
2,241	2,241	0.9173	2,282	2,282	0.9143	2,323	2,323	0.9114
2,242	2,242	0.9173	2,283	2,283	0.9143	2,324	2,324	0.9114
2,243	2,243	0.9172	2,284	2,284	0.9142	2,325	2,325	0.9113
2,244	2,244	0.9171	2,285	2,285	0.9141	2,326	2,326	0.9112
2,245	2,245	0.9170	2,286	2,286	0.9140	2,327	2,327	0.9112
2,246	2,246	0.9170	2,287	2,287	0.9140	2,328	2,328	0.9111
2,247	2,247	0.9169	2,288	2,288	0.9139	2,329	2,329	0.9110
2,248	2,248	0.9168	2,289	2,289	0.9138	2,330	2,330	0.9109
2,249	2,249	0.9167	2,290	2,290	0.9138	2,331	2,331	0.9109
2,250	2,250	0.9167	2,291	2,291	0.9137	2,332	2,332	0.9108
2,251	2,251	0.9166	2,292	2,292	0.9136	2,333	2,333	0.9107
2,252	2,252	0.9165	2,293	2,293	0.9135	2,334	2,334	0.9107
2,253	2,253	0.9164	2,294	2,294	0.9135	2,335	2,335	0.9106
2,254	2,254	0.9164	2,295	2,295	0.9134	2,336	2,336	0.9105
2,255	2,255	0.9163	2,296	2,296	0.9133	2,337	2,337	0.9105
2,256	2,256	0.9162	2,297	2,297	0.9133	2,338	2,338	0.9104
2,257	2,257	0.9161	2,298	2,298	0.9132	2,339	2,339	0.9103
2,258	2,258	0.9161	2,299	2,299	0.9131	2,340	2,340	0.9103
2,259	2,259	0.9160	2,300	2,300	0.9130	2,341	2,341	0.9102
2,260	2,260	0.9159	2,301	2,301	0.9130	2,342	2,342	0.9101
2,261	2,261	0.9159	2,302	2,302	0.9129	2,343	2,343	0.9101
2,262	2,262	0.9158	2,303	2,303	0.9128	2,344	2,344	0.9100
2,263	2,263	0.9157	2,304	2,304	0.9128	2,345	2,345	0.9099
2,264	2,264	0.9156	2,305	2,305	0.9127	2,346	2,346	0.9098
2,265	2,265	0.9156	2,306	2,306	0.9126	2,347	2,347	0.9098
2,266	2,266	0.9155	2,307	2,307	0.9125	2,348	2,348	0.9097
2,267	2,267	0.9154	2,308	2,308	0.9125	2,349	2,349	0.9096
2,268	2,268	0.9153	2,309	2,309	0.9124	2,350	2,350	0.9096
2,269	2,269	0.9153	2,310	2,310	0.9123	2,351	2,351	0.9095

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,352	2,352	0.9094	2,395	2,395	0.9066	2,438	2,438	0.9038
2,353	2,353	0.9094	2,396	2,396	0.9065	2,439	2,439	0.9038
2,354	2,354	0.9093	2,397	2,397	0.9064	2,440	2,440	0.9037
2,355	2,355	0.9092	2,398	2,398	0.9064	2,441	2,441	0.9036
2,356	2,356	0.9092	2,399	2,399	0.9063	2,442	2,442	0.9036
2,357	2,357	0.9091	2,400	2,400	0.9063	2,443	2,443	0.9035
2,358	2,358	0.9090	2,401	2,401	0.9062	2,444	2,444	0.9034
2,359	2,360	0.9090	2,402	2,403	0.9061	2,445	2,445	0.9034
2,361	2,361	0.9088	2,404	2,404	0.9060	2,446	2,446	0.9033
2,362	2,362	0.9088	2,405	2,405	0.9059	2,447	2,447	0.9032
2,363	2,363	0.9087	2,406	2,406	0.9059	2,448	2,448	0.9032
2,364	2,364	0.9086	2,407	2,407	0.9058	2,449	2,449	0.9031
2,365	2,365	0.9086	2,408	2,408	0.9057	2,450	2,450	0.9031
2,366	2,366	0.9085	2,409	2,409	0.9057	2,451	2,451	0.9030
2,367	2,367	0.9084	2,410	2,410	0.9056	2,452	2,452	0.9029
2,368	2,368	0.9084	2,411	2,411	0.9055	2,453	2,453	0.9029
2,369	2,369	0.9083	2,412	2,412	0.9055	2,454	2,455	0.9028
2,370	2,370	0.9082	2,413	2,413	0.9054	2,456	2,456	0.9027
2,371	2,371	0.9082	2,414	2,415	0.9053	2,457	2,457	0.9026
2,372	2,372	0.9081	2,416	2,416	0.9052	2,458	2,458	0.9026
2,373	2,374	0.9080	2,417	2,417	0.9052	2,459	2,459	0.9025
2,375	2,375	0.9079	2,418	2,418	0.9051	2,460	2,460	0.9024
2,376	2,376	0.9078	2,419	2,419	0.9050	2,461	2,461	0.9024
2,377	2,377	0.9078	2,420	2,420	0.9050	2,462	2,462	0.9023
2,378	2,378	0.9077	2,421	2,421	0.9049	2,463	2,463	0.9023
2,379	2,379	0.9076	2,422	2,422	0.9048	2,464	2,464	0.9022
2,380	2,380	0.9076	2,423	2,423	0.9048	2,465	2,465	0.9021
2,381	2,381	0.9075	2,424	2,424	0.9047	2,466	2,466	0.9021
2,382	2,382	0.9074	2,425	2,425	0.9046	2,467	2,467	0.9020
2,383	2,383	0.9074	2,426	2,426	0.9046	2,468	2,468	0.9019
2,384	2,384	0.9073	2,427	2,427	0.9045	2,469	2,469	0.9019
2,385	2,385	0.9072	2,428	2,428	0.9044	2,470	2,470	0.9018
2,386	2,386	0.9072	2,429	2,429	0.9044	2,471	2,471	0.9018
2,387	2,387	0.9071	2,430	2,430	0.9043	2,472	2,473	0.9017
2,388	2,388	0.9070	2,431	2,431	0.9043	2,474	2,474	0.9016
2,389	2,389	0.9070	2,432	2,432	0.9042	2,475	2,475	0.9015
2,390	2,390	0.9069	2,433	2,433	0.9041	2,476	2,476	0.9015
2,391	2,391	0.9068	2,434	2,434	0.9041	2,477	2,477	0.9014
2,392	2,392	0.9068	2,435	2,435	0.9040	2,478	2,478	0.9013
2,393	2,393	0.9067	2,436	2,436	0.9039	2,479	2,479	0.9013
2,394	2,394	0.9066	2,437	2,437	0.9039	2,480	2,480	0.9012

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,481	2,481	0.9011	2,526	2,526	0.8985	2,570	2,570	0.8959
2,482	2,482	0.9011	2,527	2,527	0.8984	2,571	2,571	0.8959
2,483	2,483	0.9010	2,528	2,528	0.8983	2,572	2,573	0.8958
2,484	2,484	0.9010	2,529	2,529	0.8983	2,574	2,574	0.8957
2,485	2,485	0.9009	2,530	2,530	0.8982	2,575	2,575	0.8956
2,486	2,486	0.9008	2,531	2,531	0.8982	2,576	2,576	0.8956
2,487	2,487	0.9008	2,532	2,532	0.8981	2,577	2,577	0.8955
2,488	2,488	0.9007	2,533	2,533	0.8980	2,578	2,579	0.8955
2,489	2,489	0.9007	2,534	2,534	0.8980	2,580	2,580	0.8953
2,490	2,490	0.9006	2,535	2,535	0.8979	2,581	2,581	0.8953
2,491	2,491	0.9005	2,536	2,536	0.8979	2,582	2,582	0.8952
2,492	2,494	0.9005	2,537	2,537	0.8978	2,583	2,583	0.8952
2,495	2,495	0.9003	2,538	2,538	0.8978	2,584	2,584	0.8951
2,496	2,496	0.9002	2,539	2,539	0.8977	2,585	2,585	0.8951
2,497	2,497	0.9002	2,540	2,540	0.8976	2,586	2,586	0.8950
2,498	2,498	0.9001	2,541	2,541	0.8976	2,587	2,587	0.8950
2,499	2,499	0.9001	2,542	2,543	0.8975	2,588	2,588	0.8949
2,500	2,500	0.9000	2,544	2,544	0.8974	2,589	2,589	0.8948
2,501	2,502	0.8999	2,545	2,545	0.8973	2,590	2,590	0.8948
2,503	2,503	0.8998	2,546	2,546	0.8973	2,591	2,591	0.8947
2,504	2,504	0.8998	2,547	2,547	0.8972	2,592	2,592	0.8947
2,505	2,505	0.8997	2,548	2,548	0.8972	2,593	2,593	0.8946
2,506	2,506	0.8996	2,549	2,549	0.8971	2,594	2,594	0.8946
2,507	2,507	0.8996	2,550	2,550	0.8971	2,595	2,595	0.8945
2,508	2,508	0.8995	2,551	2,551	0.8970	2,596	2,596	0.8945
2,509	2,509	0.8995	2,552	2,552	0.8969	2,597	2,597	0.8944
2,510	2,510	0.8994	2,553	2,553	0.8969	2,598	2,599	0.8943
2,511	2,511	0.8993	2,554	2,554	0.8968	2,600	2,600	0.8942
2,512	2,512	0.8993	2,555	2,555	0.8968	2,601	2,601	0.8942
2,513	2,513	0.8992	2,556	2,557	0.8967	2,602	2,602	0.8941
2,514	2,514	0.8992	2,558	2,558	0.8966	2,603	2,603	0.8941
2,515	2,515	0.8991	2,559	2,559	0.8965	2,604	2,604	0.8940
2,516	2,516	0.8990	2,560	2,560	0.8965	2,605	2,605	0.8940
2,517	2,517	0.8990	2,561	2,561	0.8964	2,606	2,606	0.8939
2,518	2,518	0.8989	2,562	2,562	0.8964	2,607	2,607	0.8938
2,519	2,519	0.8989	2,563	2,563	0.8963	2,608	2,609	0.8938
2,520	2,521	0.8988	2,564	2,564	0.8963	2,610	2,610	0.8937
2,522	2,522	0.8987	2,565	2,566	0.8962	2,611	2,611	0.8936
2,523	2,523	0.8986	2,567	2,567	0.8961	2,612	2,612	0.8936
2,524	2,524	0.8986	2,568	2,568	0.8960	2,613	2,613	0.8935
2,525	2,525	0.8985	2,569	2,569	0.8960	2,614	2,614	0.8935

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,615	2,615	0.8934	2,661	2,661	0.8909	2,706	2,706	0.8886
2,616	2,616	0.8933	2,662	2,662	0.8909	2,707	2,707	0.8885
2,617	2,617	0.8933	2,663	2,663	0.8908	2,708	2,709	0.8885
2,618	2,618	0.8932	2,664	2,664	0.8908	2,710	2,710	0.8884
2,619	2,619	0.8932	2,665	2,665	0.8907	2,711	2,711	0.8883
2,620	2,620	0.8931	2,666	2,667	0.8907	2,712	2,713	0.8883
2,621	2,621	0.8931	2,668	2,668	0.8906	2,714	2,714	0.8882
2,622	2,622	0.8930	2,669	2,669	0.8905	2,715	2,715	0.8881
2,623	2,623	0.8930	2,670	2,670	0.8904	2,716	2,716	0.8881
2,624	2,624	0.8929	2,671	2,671	0.8904	2,717	2,717	0.8880
2,625	2,625	0.8929	2,672	2,672	0.8903	2,718	2,719	0.8880
2,626	2,626	0.8928	2,673	2,673	0.8903	2,720	2,720	0.8879
2,627	2,627	0.8927	2,674	2,674	0.8902	2,721	2,721	0.8878
2,628	2,628	0.8927	2,675	2,675	0.8902	2,722	2,722	0.8878
2,629	2,629	0.8926	2,676	2,678	0.8901	2,723	2,725	0.8877
2,630	2,631	0.8926	2,679	2,679	0.8900	2,726	2,726	0.8876
2,632	2,632	0.8925	2,680	2,680	0.8899	2,727	2,727	0.8875
2,633	2,633	0.8924	2,681	2,681	0.8899	2,728	2,728	0.8875
2,634	2,634	0.8924	2,682	2,682	0.8898	2,729	2,729	0.8874
2,635	2,635	0.8923	2,683	2,683	0.8898	2,730	2,730	0.8874
2,636	2,636	0.8923	2,684	2,684	0.8897	2,731	2,731	0.8873
2,637	2,637	0.8922	2,685	2,685	0.8897	2,732	2,732	0.8873
2,638	2,638	0.8922	2,686	2,686	0.8896	2,733	2,734	0.8872
2,639	2,639	0.8921	2,687	2,687	0.8896	2,735	2,735	0.8871
2,640	2,641	0.8920	2,688	2,688	0.8895	2,736	2,737	0.8871
2,642	2,642	0.8919	2,689	2,689	0.8895	2,738	2,738	0.8870
2,643	2,643	0.8919	2,690	2,690	0.8894	2,739	2,739	0.8869
2,644	2,644	0.8918	2,691	2,691	0.8894	2,740	2,741	0.8869
2,645	2,645	0.8918	2,692	2,692	0.8893	2,742	2,742	0.8868
2,646	2,646	0.8917	2,693	2,693	0.8892	2,743	2,743	0.8867
2,647	2,647	0.8917	2,694	2,694	0.8892	2,744	2,744	0.8867
2,648	2,648	0.8916	2,695	2,695	0.8891	2,745	2,745	0.8866
2,649	2,649	0.8916	2,696	2,696	0.8891	2,746	2,747	0.8866
2,650	2,650	0.8915	2,697	2,697	0.8890	2,748	2,748	0.8865
2,651	2,652	0.8915	2,698	2,699	0.8890	2,749	2,749	0.8864
2,653	2,655	0.8913	2,700	2,700	0.8889	2,750	2,750	0.8864
2,656	2,656	0.8912	2,701	2,701	0.8888	2,751	2,751	0.8863
2,657	2,657	0.8911	2,702	2,702	0.8888	2,752	2,752	0.8863
2,658	2,658	0.8911	2,703	2,703	0.8887	2,753	2,753	0.8862
2,659	2,659	0.8910	2,704	2,704	0.8887	2,754	2,754	0.8862
2,660	2,660	0.8910	2,705	2,705	0.8886	2,755	2,755	0.8861

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,756	2,756	0.8861	2,815	2,815	0.8832	2,875	2,876	0.8804
2,757	2,757	0.8860	2,816	2,816	0.8832	2,877	2,877	0.8803
2,758	2,758	0.8860	2,817	2,819	0.8831	2,878	2,878	0.8803
2,759	2,759	0.8859	2,820	2,821	0.8830	2,879	2,879	0.8803
2,760	2,764	0.8859	2,822	2,822	0.8829	2,880	2,880	0.8802
2,765	2,765	0.8856	2,823	2,824	0.8828	2,881	2,882	0.8802
2,766	2,767	0.8856	2,825	2,826	0.8827	2,883	2,883	0.8801
2,768	2,768	0.8855	2,827	2,827	0.8826	2,884	2,885	0.8800
2,769	2,769	0.8854	2,828	2,829	0.8826	2,886	2,887	0.8799
2,770	2,770	0.8854	2,830	2,830	0.8825	2,888	2,889	0.8798
2,771	2,772	0.8853	2,831	2,831	0.8825	2,890	2,890	0.8798
2,773	2,773	0.8852	2,832	2,832	0.8824	2,891	2,891	0.8797
2,774	2,774	0.8852	2,833	2,834	0.8824	2,892	2,892	0.8797
2,775	2,775	0.8851	2,835	2,836	0.8823	2,893	2,893	0.8796
2,776	2,776	0.8851	2,837	2,837	0.8822	2,894	2,894	0.8796
2,777	2,777	0.8850	2,838	2,838	0.8821	2,895	2,895	0.8795
2,778	2,779	0.8850	2,839	2,840	0.8821	2,896	2,897	0.8795
2,780	2,781	0.8849	2,841	2,841	0.8820	2,898	2,898	0.8794
2,782	2,782	0.8848	2,842	2,842	0.8819	2,899	2,901	0.8794
2,783	2,783	0.8847	2,843	2,845	0.8819	2,902	2,903	0.8792
2,784	2,784	0.8847	2,846	2,847	0.8818	2,904	2,904	0.8791
2,785	2,785	0.8846	2,848	2,848	0.8817	2,905	2,905	0.8791
2,786	2,786	0.8846	2,849	2,850	0.8816	2,906	2,906	0.8790
2,787	2,787	0.8846	2,851	2,851	0.8815	2,907	2,907	0.8790
2,788	2,789	0.8845	2,852	2,852	0.8815	2,908	2,908	0.8790
2,790	2,790	0.8844	2,853	2,853	0.8814	2,909	2,909	0.8789
2,791	2,791	0.8844	2,854	2,855	0.8814	2,910	2,911	0.8789
2,792	2,793	0.8843	2,856	2,857	0.8813	2,912	2,913	0.8788
2,794	2,794	0.8842	2,858	2,858	0.8812	2,914	2,914	0.8787
2,795	2,795	0.8842	2,859	2,859	0.8812	2,915	2,915	0.8786
2,796	2,797	0.8841	2,860	2,860	0.8811	2,916	2,917	0.8786
2,798	2,799	0.8840	2,861	2,861	0.8811	2,918	2,919	0.8785
2,800	2,800	0.8839	2,862	2,863	0.8810	2,920	2,921	0.8784
2,801	2,801	0.8839	2,864	2,865	0.8809	2,922	2,923	0.8783
2,802	2,802	0.8838	2,866	2,868	0.8808	2,924	2,924	0.8782
2,803	2,804	0.8838	2,869	2,869	0.8807	2,925	2,925	0.8782
2,805	2,807	0.8837	2,870	2,870	0.8807	2,926	2,927	0.8782
2,808	2,810	0.8835	2,871	2,871	0.8806	2,928	2,928	0.8781
2,811	2,811	0.8834	2,872	2,872	0.8806	2,929	2,931	0.8780
2,812	2,812	0.8834	2,873	2,873	0.8805	2,932	2,933	0.8779
2,813	2,814	0.8833	2,874	2,874	0.8805	2,934	2,935	0.8778

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
2,936	2,936	0.8777	2,991	2,991	0.8754	3,065	3,065	0.8723
2,937	2,937	0.8777	2,992	2,993	0.8753	3,066	3,066	0.8723
2,938	2,938	0.8776	2,994	2,994	0.8753	3,067	3,067	0.8723
2,939	2,939	0.8776	2,995	2,996	0.8752	3,068	3,068	0.8722
2,940	2,941	0.8776	2,997	2,997	0.8751	3,069	3,069	0.8722
2,942	2,943	0.8775	2,998	2,998	0.8751	3,070	3,071	0.8721
2,944	2,944	0.8774	2,999	2,999	0.8750	3,072	3,074	0.8721
2,945	2,945	0.8773	3,000	3,001	0.8750	3,075	3,075	0.8720
2,946	2,947	0.8773	3,002	3,002	0.8749	3,076	3,076	0.8719
2,948	2,948	0.8772	3,003	3,003	0.8749	3,077	3,077	0.8719
2,949	2,949	0.8772	3,004	3,007	0.8748	3,078	3,078	0.8718
2,950	2,950	0.8771	3,008	3,009	0.8747	3,079	3,080	0.8718
2,951	2,951	0.8771	3,010	3,011	0.8746	3,081	3,081	0.8717
2,952	2,952	0.8770	3,012	3,012	0.8745	3,082	3,085	0.8717
2,953	2,953	0.8770	3,013	3,013	0.8745	3,086	3,087	0.8715
2,954	2,957	0.8769	3,014	3,018	0.8744	3,088	3,090	0.8714
2,958	2,958	0.8768	3,019	3,019	0.8742	3,091	3,091	0.8713
2,959	2,959	0.8767	3,020	3,021	0.8742	3,092	3,093	0.8713
2,960	2,961	0.8767	3,022	3,023	0.8741	3,094	3,094	0.8712
2,962	2,962	0.8766	3,024	3,025	0.8740	3,095	3,099	0.8712
2,963	2,963	0.8766	3,026	3,027	0.8739	3,100	3,103	0.8710
2,964	2,965	0.8765	3,028	3,029	0.8738	3,104	3,104	0.8708
2,966	2,966	0.8764	3,030	3,030	0.8738	3,105	3,105	0.8708
2,967	2,967	0.8764	3,031	3,036	0.8737	3,106	3,107	0.8707
2,968	2,969	0.8763	3,037	3,037	0.8735	3,108	3,108	0.8707
2,970	2,970	0.8763	3,038	3,039	0.8734	3,109	3,109	0.8706
2,971	2,971	0.8762	3,040	3,041	0.8734	3,110	3,113	0.8706
2,972	2,973	0.8762	3,042	3,045	0.8733	3,114	3,115	0.8704
2,974	2,974	0.8761	3,046	3,046	0.8731	3,116	3,117	0.8703
2,975	2,975	0.8761	3,047	3,047	0.8731	3,118	3,122	0.8703
2,976	2,976	0.8760	3,048	3,048	0.8730	3,123	3,123	0.8701
2,977	2,977	0.8760	3,049	3,049	0.8730	3,124	3,125	0.8700
2,978	2,978	0.8759	3,050	3,051	0.8730	3,126	3,127	0.8700
2,979	2,979	0.8759	3,052	3,053	0.8729	3,128	3,129	0.8699
2,980	2,980	0.8758	3,054	3,054	0.8728	3,130	3,131	0.8698
2,981	2,981	0.8758	3,055	3,055	0.8727	3,132	3,134	0.8697
2,982	2,984	0.8758	3,056	3,058	0.8727	3,135	3,135	0.8696
2,985	2,987	0.8756	3,059	3,061	0.8726	3,136	3,137	0.8696
2,988	2,988	0.8755	3,062	3,062	0.8725	3,138	3,141	0.8695
2,989	2,989	0.8755	3,063	3,063	0.8724	3,142	3,144	0.8694
2,990	2,990	0.8754	3,064	3,064	0.8724	3,145	3,146	0.8692

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
3,147	3,147	0.8692	3,233	3,233	0.8660	3,355	3,356	0.8618
3,148	3,155	0.8691	3,234	3,235	0.8660	3,357	3,359	0.8617
3,156	3,160	0.8688	3,236	3,240	0.8659	3,360	3,360	0.8616
3,161	3,162	0.8686	3,241	3,243	0.8657	3,361	3,366	0.8616
3,163	3,163	0.8686	3,244	3,245	0.8656	3,367	3,372	0.8614
3,164	3,165	0.8685	3,246	3,249	0.8655	3,373	3,373	0.8612
3,166	3,167	0.8684	3,250	3,254	0.8654	3,374	3,379	0.8611
3,168	3,172	0.8684	3,255	3,255	0.8652	3,380	3,380	0.8609
3,173	3,176	0.8682	3,256	3,260	0.8652	3,381	3,381	0.8609
3,177	3,177	0.8680	3,261	3,262	0.8650	3,382	3,386	0.8609
3,178	3,178	0.8680	3,263	3,264	0.8649	3,387	3,397	0.8607
3,179	3,179	0.8680	3,265	3,265	0.8649	3,398	3,407	0.8604
3,180	3,182	0.8679	3,266	3,267	0.8648	3,408	3,408	0.8600
3,183	3,183	0.8678	3,268	3,270	0.8647	3,409	3,409	0.8600
3,184	3,185	0.8678	3,271	3,275	0.8646	3,410	3,411	0.8600
3,186	3,187	0.8677	3,276	3,276	0.8645	3,412	3,413	0.8599
3,188	3,191	0.8676	3,277	3,277	0.8644	3,414	3,416	0.8598
3,192	3,192	0.8675	3,278	3,278	0.8644	3,417	3,421	0.8597
3,193	3,193	0.8674	3,279	3,279	0.8644	3,422	3,427	0.8596
3,194	3,195	0.8674	3,280	3,281	0.8643	3,428	3,431	0.8594
3,196	3,196	0.8673	3,282	3,282	0.8643	3,432	3,432	0.8593
3,197	3,197	0.8673	3,283	3,283	0.8642	3,433	3,433	0.8592
3,198	3,199	0.8673	3,284	3,291	0.8642	3,434	3,435	0.8592
3,200	3,200	0.8672	3,292	3,295	0.8639	3,436	3,459	0.8591
3,201	3,202	0.8672	3,296	3,301	0.8638	3,460	3,462	0.8584
3,203	3,203	0.8671	3,302	3,303	0.8636	3,463	3,471	0.8583
3,204	3,204	0.8670	3,304	3,305	0.8635	3,472	3,479	0.8580
3,205	3,205	0.8670	3,306	3,307	0.8634	3,480	3,481	0.8578
3,206	3,207	0.8670	3,308	3,309	0.8634	3,482	3,482	0.8577
3,208	3,208	0.8669	3,310	3,311	0.8633	3,483	3,487	0.8577
3,209	3,210	0.8669	3,312	3,312	0.8632	3,488	3,492	0.8575
3,211	3,211	0.8668	3,313	3,316	0.8632	3,493	3,495	0.8574
3,212	3,212	0.8667	3,317	3,317	0.8631	3,496	3,497	0.8573
3,213	3,214	0.8667	3,318	3,324	0.8630	3,498	3,499	0.8572
3,215	3,215	0.8666	3,325	3,328	0.8628	3,500	3,505	0.8571
3,216	3,219	0.8666	3,329	3,335	0.8626	3,506	3,506	0.8570
3,220	3,220	0.8665	3,336	3,342	0.8624	3,507	3,511	0.8569
3,221	3,221	0.8664	3,343	3,345	0.8622	3,512	3,527	0.8568
3,222	3,229	0.8664	3,346	3,349	0.8621	3,528	3,529	0.8563
3,230	3,230	0.8661	3,350	3,351	0.8619	3,530	3,535	0.8562
3,231	3,232	0.8661	3,352	3,354	0.8619	3,536	3,540	0.8561

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR	MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
3,541	3,542	0.8559	3,707	3,708	0.8512	3,965	3,965	0.8446
3,543	3,547	0.8558	3,709	3,714	0.8511	3,966	3,973	0.8446
3,548	3,553	0.8557	3,715	3,715	0.8509	3,974	3,976	0.8444
3,554	3,555	0.8555	3,716	3,720	0.8509	3,977	3,984	0.8443
3,556	3,557	0.8555	3,721	3,722	0.8508	3,985	3,987	0.8441
3,558	3,560	0.8554	3,723	3,736	0.8507	3,988	4,029	0.8440
3,561	3,563	0.8553	3,737	3,739	0.8503	4,030	4,034	0.8431
3,564	3,564	0.8552	3,740	3,745	0.8503	4,035	4,036	0.8429
3,565	3,565	0.8552	3,746	3,748	0.8501	4,037	4,039	0.8429
3,566	3,574	0.8552	3,749	3,751	0.8500	4,040	4,042	0.8428
3,575	3,575	0.8549	3,752	3,765	0.8499	4,043	4,092	0.8428
3,576	3,576	0.8549	3,766	3,770	0.8496	4,093	4,103	0.8416
3,577	3,577	0.8548	3,771	3,775	0.8494	4,104	4,113	0.8414
3,578	3,583	0.8548	3,776	3,782	0.8493	4,114	4,124	0.8412
3,584	3,584	0.8546	3,783	3,791	0.8491	4,125	4,211	0.8409
3,585	3,587	0.8546	3,792	3,793	0.8489	4,212	4,261	0.8390
3,588	3,598	0.8545	3,794	3,797	0.8488	4,262	4,271	0.8380
3,599	3,600	0.8542	3,798	3,801	0.8487	4,272	4,278	0.8378
3,601	3,605	0.8541	3,802	3,805	0.8486	4,279	4,299	0.8376
3,606	3,609	0.8540	3,806	3,819	0.8485	4,300	4,310	0.8372
3,610	3,610	0.8539	3,820	3,821	0.8482	4,311	4,323	0.8370
3,611	3,611	0.8538	3,822	3,823	0.8481	4,324	4,337	0.8367
3,612	3,612	0.8538	3,824	3,825	0.8481	4,338	4,347	0.8364
3,613	3,616	0.8538	3,826	3,837	0.8480	4,348	4,348	0.8362
3,617	3,617	0.8537	3,838	3,847	0.8477	4,349	4,397	0.8362
3,618	3,621	0.8536	3,848	3,848	0.8475	4,398	4,409	0.8353
3,622	3,627	0.8535	3,849	3,855	0.8474	4,410	4,447	0.8350
3,628	3,632	0.8534	3,856	3,856	0.8473	4,448	4,475	0.8343
3,633	3,643	0.8532	3,857	3,858	0.8472	4,476	4,502	0.8338
3,644	3,647	0.8529	3,859	3,860	0.8472	4,503	4,508	0.8333
3,648	3,662	0.8528	3,861	3,865	0.8471	4,509	4,529	0.8332
3,663	3,663	0.8524	3,866	3,885	0.8470	4,530	4,609	0.8328
3,664	3,667	0.8523	3,886	3,901	0.8465	4,610	4,637	0.8313
3,668	3,671	0.8522	3,902	3,909	0.8461	4,638	4,712	0.8309
3,672	3,675	0.8521	3,910	3,919	0.8459	4,713	4,714	0.8296
3,676	3,681	0.8520	3,920	3,922	0.8457	4,715	4,745	0.8295
3,682	3,687	0.8518	3,923	3,937	0.8456	4,746	4,790	0.8290
3,688	3,689	0.8517	3,938	3,945	0.8452	4,791	4,796	0.8283
3,690	3,693	0.8516	3,946	3,946	0.8450	4,797	4,834	0.8282
3,694	3,698	0.8515	3,947	3,947	0.8450	4,835	4,849	0.8276
3,699	3,706	0.8514	3,948	3,964	0.8450	4,850	4,899	0.8273

B5: Residential Building Size Adjustment Factor (Continued)

MINIMUM SIZE	MAXIMUM SIZE	SIZE FACTOR
4,900	5,045	0.8265
5,046	5,062	0.8243
5,063	5,333	0.8241
5,334	5,383	0.8203
5,384	5,501	0.8197
5,502	5,968	0.8182
5,969	5,991	0.8128
5,992	6,055	0.8126
6,056	6,159	0.8119
6,160	15,999	0.8109
16,000	9,999,999,999	0.7734

Table B6: Residential Number of Story Adjustment Factor

MINIMUM NUMER OF STORY	MAXIMUM NUMBER OF STORY	ADJUSTMENT
0.01	1.09	1.0000
1.10	1.19	0.9900
1.20	1.29	0.9850
1.30	1.39	0.9800
1.40	1.49	0.9700
1.50	1.59	0.9500
1.60	1.69	0.9500
1.70	1.79	0.9500
1.80	1.89	0.9500
1.90	1.99	0.9500
2.00	2.09	0.9000
2.10	2.19	0.8900
2.20	2.49	0.8900
2.50	2.99	0.8800
3.00	999.99	0.8500

Table B7: Residential Air Conditioning Adjustment

AIR CONDITIONING CODE	ADJUSTMENT FLAG	ADJUSTMENT VALUE
AIR CONDITIONING 100%	CEN100	Percent (%)	P	0.00
AIR CONDITIONING	CEN	Percent (%)	P	-3.00
NO AIR CONDITIONING	NAC	Percent (%)	P	-3.00

Table B8: Residential Bath Fixtures Adjustment

RESIDENTIAL BATH FIXTURES CODE	ADJUSTMENT FLAG	ADJUSTMENT VALUE
BATH FIXTURES	EF	Flat ($)	F	$2,625.00

Table B9: Residential Exterior Finish Adjustment

RESIDENTIAL EXTERIOR FINISH CODE	ADJUSTMENT FLAG	ADJUSTMENT VALUE
ASB/WOOD SHINGLES | A	Percent (%) | P	0.00
BRICK | B	Percent (%) | P	6.00
CONCRETE BLOCK | C	Percent (%) | P	0.00
CONCRETE | D	Percent (%) | P	0.00
ALUMINUM SIDING | G	Percent (%) | P	0.00
MASONITE SIDING | H	Percent (%) | P	0.00
WOOD SIDING | J	Percent (%) | P	0.00
LOG | L	Percent (%) | P	0.00
METAL SIDING | M	Percent (%) | P	0.00
STUCCO | O	Percent (%) | P	4.00
HARDY PLANK SIDING | P	Percent (%) | P	0.00
STONE | S	Percent (%) | P	6.00
STONE VENEER | SV	Percent (%) | P	6.00
VINYL | V	Percent (%) | P	0.00
MASONRY & FRAME | W	Percent (%) | P	3.00
COMPOSITION | X	Percent (%) | P	0.00
NONE | NONE	Percent (%) | P	0.00

Table B10: Residential Foundation Adjustment

RESIDENTIAL FOUNDATION CODE	ADJUSTMENT FLAG	ADJUSTMENT VALUE
PIER FOUNDATION | PF	Percent (%) | P	0.00
CRAWL | CS	Percent (%) | P	0.00
SLAB | SL	Percent (%) | P	0.00
CONCRETE BLOCK | CB	Percent (%) | P	0.00
MASONRY | MS	Percent (%) | P	0.00

Table B11: Residential Fireplace Adjustment

RESIDENTIAL FIREPLACE CODE	ADJUSTMENT FLAG	ADJUSTMENT VALUE
FIREPLACE OPENINGS | 1FP	Flat ($) | F	$2,250.00
FIREPLACE STACKS | MFP	Flat ($) | F	$5,250.00

Table B12: Residential Heating Adjustment

RESIDENTIAL HEATING CODE	ADJUSTMENT FLAG	ADJUSTMENT VALUE
ELECTRIC BASEBOARD | B	Percent (%) | P	0.00
ELECTRIC | E	Percent (%) | P	0.00
FORCED AIR | F	Percent (%) | P	0.00
STEAM/HOT WATER | H	Percent (%) | P	0.00
NONE | N	Percent (%) | P	-5.00
PUMP | P	Percent (%) | P	0.00
SOLAR | S	Percent (%) | P	0.00
UNIT HEATERS | U	Percent (%) | P	-2.00
WALL OR FLOOR FURNACE | W	Percent (%) | P	-2.00
RADIENT | R	Percent (%) | P	0.00
GEO THERMAL | G	Percent (%) | P	0.00

Table B13: Residential Additions Pricing

ADDITION CODE	BUILDING TYPE	BASE PRICE	PERCENT MAIN	BASE PRICE MAIN
BASEMENT UNFINISHED | BU		$18.00		N
BRICK ADDITION (LOWER) | LOWER-BA		$126.00		N
BAY WINDOW (LOWER) | LOWER-BY		$66.00		N
COVERED DECK (LOWER) | LOWER-CD		$26.00		N
CANOPY (LOWER) | LOWER-CN		$11.00		N
DECK (LOWER) | LOWER-DK		$15.00		N
ENCLOSED BRICK PORCH (LOWER) | LOWER-EB		$44.00		N
ENCLOSED FRAME PORCH (LOWER) | LOWER-EP		$44.00		N
FRAME ADDITION (LOWER) | LOWER-FA		$132.00		N
OPEN BRICK PORCH (LOWER) | LOWER-OB		$39.00		N
OPEN FRAME PORCH (LOWER) | LOWER-OP		$36.00		N
PATIO (LOWER) | LOWER-P		$6.00		N
COVERED PATIO (LOWER) | LOWER-PC		$15.00		N
STORAGE AREA (LOWER) | LOWER-SG		$41.00		N
SCREENED PORCH (LOWER) | LOWER-SP		$38.00		N
STOOP (LOWER) | LOWER-ST		$8.00		N
TERRACE (LOWER) | LOWER-TB		$18.00		N
UNFINISHED ADDITION (LOWER) | LOWER-UA		$44.00		N
UTILITY ROOM (LOWER) | LOWER-UT		$41.00		N
BALCONY (MAIN) | MAIN-B		$17.00		N
BRICK ADDITION (MAIN) | MAIN-BA		$141.00		N
BRICK ATTACHED GARAGE (MAIN) | MAIN-BG		$53.00		N
BOAT HOUSE - LIVING AREA (MAIN) | MAIN-BH		$132.00		N
BAY WINDOW (MAIN) | MAIN-BY		$72.00		N
COVERED DECK (MAIN) | MAIN-CD		$29.00		N
CANOPY (MAIN) | MAIN-CN		$12.00		N
CARPORT (MAIN) | MAIN-CP		$32.00		N
DECK (MAIN) | MAIN-DK		$18.00		N
ENCLOSED BRICK PORCH (MAIN) | MAIN-EB		$50.00		N
ENCLOSED FRAME PORCH (MAIN) | MAIN-EP		$47.00		N
FRAME ADDITION (MAIN) | MAIN-FA		$156.00		N
FRAME ATTACHED GARAGE (MAIN) | MAIN-FG		$44.00		N
MAIN AREA (MAIN) | MAIN-MA		$156.00		N

Table B13: Residential Additions Pricing (Continued)

ADDITION CODE	BUILDING TYPE	BASE PRICE	PERCENT MAIN	BASE PRICE MAIN
OPEN BRICK PORCH (MAIN) | MAIN-OB		$44.00		N
OVERHANG (MAIN) | MAIN-OH		$93.00		N
OPEN FRAME PORCH (MAIN) | MAIN-OP		$44.00		N
PATIO (MAIN) | MAIN-P		$9.00		N
COVERED PATIO (MAIN) | MAIN-PC		$18.00		N
STORAGE AREA (MAIN) | MAIN-SG		$47.00		N
SCREENED PORCH (MAIN) | MAIN-SP		$44.00		N
STOOP (MAIN) | MAIN-ST		$8.00		N
TERRACE (MAIN) | MAIN-TB		$18.00		N
UNFINISHED ADDITION (MAIN) | MAIN-UA		$50.00		N
UTILITY ROOM (MAIN) | MAIN-UT		$47.00		N
UPPER STORY | STRY		$0.00		Y
ATTIC FINISHED (UPPER) | UPPER-AF		$54.00		N
BALCONY (UPPER) | UPPER-B		$17.00		N
BRICK ADDITION (UPPER) | UPPER-BA		$126.00		N
BAY WINDOW (UPPER) | UPPER-BY		$63.00		N
COVERED DECK (UPPER) | UPPER-CD		$26.00		N
CANOPY (UPPER) | UPPER-CN		$11.00		N
DECK (UPPER) | UPPER-DK		$15.00		N
ENCLOSED BRICK PORCH (UPPER) | UPPER-EB		$44.00		N
ENCLOSED FRAME PORCH (UPPER) | UPPER-EP		$44.00		N
FRAME ADDITION (UPPER) | UPPER-FA		$132.00		N
OPEN BRICK PORCH (UPPER) | UPPER-OB		$39.00		N
OVERHANG (UPPER) | UPPER-OH		$99.00		N
OPEN FRAME PORCH (UPPER) | UPPER-OP		$39.00		N
STORAGE AREA (UPPER) | UPPER-SG		$41.00		N
SCREENED PORCH (UPPER) | UPPER-SP		$41.00		N
UNFINISHED ADDITION (UPPER) | UPPER-UA		$44.00		N
UTILITY ROOM (UPPER) | UPPER-UT		$41.00		N
ATTIC UNFINISHED (UPPER) | UPPER-AU		$9.00		N
FULLY FINISHED ATTIC | ATTFFF			50.00	N
PARTLY FINISHED ATTIC | ATTFPF			25.00	N
UNFINISHED ATTIC | ATTFUF			12.50	N
BASEMENT FINISHED | BF		$33.00		N
FULLY FINISHED BASEMENT | BSMTFF	REAL PROPERTY MH | 10	$39.96		N
PARTLY FINISHED BASEMENT | BSMTPF	REAL PROPERTY MH | 10	$39.96		N
UNFINISHED BASEMENT | BSMTUF	REAL PROPERTY MH | 10	$8.57		N

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Table B13: Residential Additions Pricing (Continued)

ADDITION CODE	BUILDING TYPE	BASE PRICE	PERCENT MAIN	BASE PRICE MAIN
FULLY FINISHED BASEMENT | BSMTFF	MODULAR | 12	$50.58		N
PARTLY FINISHED BASEMENT | BSMTPF	MODULAR | 12	$50.58		N
UNFINISHED BASEMENT | BSMTUF	MODULAR | 12	$20.36		N
UNFINISHED BASEMENT | BSMTUF	BOAT HOUSE | 13	$18.21		N
PARTLY FINISHED BASEMENT | BSMTPF	BOAT HOUSE | 13	$48.66		N
FULLY FINISHED BASEMENT | BSMTFF	BOAT HOUSE | 13	$48.66		N
FULLY FINISHED BASEMENT | BSMTFF	DUPLEX RESIDENTIAL | 14	$47.69		N
PARTLY FINISHED BASEMENT | BSMTPF	DUPLEX RESIDENTIAL | 14	$47.69		N
UNFINISHED BASEMENT | BSMTUF	DUPLEX RESIDENTIAL | 14	$17.13		N
PARTLY FINISHED BASEMENT | BSMTPF	ON FRAME MODULAR | 15	$44.60		N
FULLY FINISHED BASEMENT | BSMTFF	ON FRAME MODULAR | 15	$44.60		N
UNFINISHED BASEMENT | BSMTUF	ON FRAME MODULAR | 15	$13.71		N
UNFINISHED BASEMENT | BSMTUF	GARAGE APARTMENT | 16	$13.92		N
FULLY FINISHED BASEMENT | BSMTFF	GARAGE APARTMENT | 16	$44.79		N
PARTLY FINISHED BASEMENT | BSMTPF	GARAGE APARTMENT | 16	$44.79		N
PARTLY FINISHED BASEMENT | BSMTPF	TRIPLEX | 17	$46.34		N
FULLY FINISHED BASEMENT | BSMTFF	TRIPLEX | 17	$46.34		N
UNFINISHED BASEMENT | BSMTUF	TRIPLEX | 17	$15.63		N
UNFINISHED BASEMENT | BSMTUF	TOWNHOUSE | 7	$21.42		N
FULLY FINISHED BASEMENT | BSMTFF	TOWNHOUSE | 7	$51.56		N
PARTLY FINISHED BASEMENT | BSMTPF	TOWNHOUSE | 7	$51.56		N
UNFINISHED BASEMENT | BSMTUF	CONDOMINIUM | 8	$20.36		N
PARTLY FINISHED BASEMENT | BSMTPF	CONDOMINIUM | 8	$50.58		N
FULLY FINISHED BASEMENT | BSMTFF	CONDOMINIUM | 8	$50.58		N
FULLY FINISHED BASEMENT | BSMTFF	SINGLE FAMILY | 9	$52.50		N
UNFINISHED BASEMENT | BSMTUF	SINGLE FAMILY | 9	$22.50		N
PARTLY FINISHED BASEMENT | BSMTPF	SINGLE FAMILY | 9	$52.50		N

Table C1: Commercial Section Base Price

OCCUPANCY CODE	OCCUPANCY TYPE	BASE PRICE
CAMP BATH HOUSE	175	CAMPGROUNDS	C17	$ 50
TRUCK STOP RESTAURANTS	806	RESTAURANTS	C80	$ 142
T-HANGERS	839	WAREHOUSES	C84	$ 40
SELF SERVICE CARWASH	22	AUTOMOTIVE	C02	$ 76
DRIVE-THRU CARWASH	23	AUTOMOTIVE	C02	$ 101
FULL-SERVICE CARWASH	24	AUTOMOTIVE	C02	$ 115
MODULAR DAYCARE	82	DAY CARE	C08	$ 65
MULTI-USE CONV STORE	353	MARKETS	C35	$ 157
SUPERMARKET	354	MARKETS	C35	$ 77
KENNELS	541	KENNELS	C54	$ 85
LOFTS	577	LOFTS	C57	$ 65
CONVERTED MEDICAL OFFICE	603	OFFICES	C60	$ 125
SOCIAL CLUB	754	RECREATION	C75	$ 75
FITNESS CENTER	755	RECREATION	C75	$ 65
CLUBHOUSE	756	RECREATION	C75	$ 75
FRATERNAL BUILDING	757	RECREATION	C75	$ 111
GOLF CLUBHOUSE	758	RECREATION	C75	$ 120
COMMUNITY CENTER	759	RECREATION	C75	$ 90
TENNIS CLUB	760	RECREATION	C75	$ 60
MEGA STORAGE/DISTRIBUTION WAREHOUSE	849	INDUSTRIAL	C25	$ 40
CLIMATE CONTROL MINI WAREHOUSE	842	WAREHOUSES	C84	$ 48
POOL HOUSE	762	RECREATION	C75	$ 68
BAR/LOUNGE	801	RESTAURANTS	C80	$ 108
CAFETERIA STYLE	802	RESTAURANTS	C80	$ 124
MODULAR RESTAURANT	803	RESTAURANTS	C80	$ 227
NEIGHBORHOOD/DINER	804	RESTAURANTS	C80	$ 100
FAST FOOD	805	RESTAURANTS	C80	$ 143
BED & BREAKFAST	245	LODGING FACILITY	C24	$ 105
RACQUETBALL CLUB	761	RECREATION	C75	$ 95
CONVENTIONAL DAYCARE	80	DAY CARE	C08	$ 139
CONVERTED DAYCARE	81	DAY CARE	C08	$ 90
CABINS	170	CAMPGROUNDS	C17	$ 51
CAMP GYM	171	CAMPGROUNDS	C17	$ 65
CAMP OFFICE	172	CAMPGROUNDS	C17	$ 85
CAMP DINING HALL	173	CAMPGROUNDS	C17	$ 82
INFIRMARY	174	CAMPGROUNDS	C17	$ 75
EXTENDED-STAY FACILITIES	242	LODGING FACILITY	C24	$ 91
ROW OFFICE/UPPER UNFINISHED	609	OFFICES	C60	$ 78
ROW OFFICE/APARTMENT	610	OFFICES	C60	$ 88

Table C1: Commercial Section Base Price (Continued)

OCCUPANCY CODE	OCCUPANCY TYPE	BASE PRICE
GOLF CART STORAGE | 763	RECREATION | C75	$ 48
ICE SKATING RINK | 753	RECREATION | C75	$ 120
APARTMENTS-MULTI-UNITS | 10	APARTMENTS | C01	$ 80
AUTO DEALERSHIP SERVICE | 21	AUTOMOTIVE | C02	$ 50
BRANCH BANK | 31	BANKS | C03	$ 185
MODULAR BANK | 32	BANKS | C03	$ 95
DRIVE THRU | 33	BANKS | C03	$ 350
BARBER SHOP | 40	BEAUTYBARBER SHOP | C04	$ 80
CHURCHES | 50	CHURCH | C05	$ 170
RELIGIOUS EDUCATION | 51	CHURCH | C05	$ 120
FELLOWSHIP HALL | 52	CHURCH | C05	$ 129
BROADCASTING FACILITY | 60	BROADCASTING FACILITY | C06	$ 135
PACKING HOUSE | 90	PACKING HOUSE | C09	$ 38
FUNERAL HOME | 100	FUNERAL HOME | C10	$ 121
FUNERAL HOME CONVERTED | 101	FUNERAL HOME | C10	$ 82
GARAGE - PARKING | 110	GARAGE | C11	$ 45
GARAGE - STORAGE | 111	GARAGE | C11	$ 45
GARAGE - WORKSHOP | 112	GARAGE | C11	$ 40
SHIPPING DOCK | 890	SHIPPING DOCK | C89	$ 51
RECTORIES | 132	GROUP HOUSING | C13	$ 115
MINI MARTS | 350	MARKETS | C35	$ 157
RURAL CONV STORE | 352	MARKETS | C35	$ 50
GENERAL OFFICE | 600	OFFICES | C60	$ 115
MEDICAL OFFICE | 602	OFFICES | C60	$ 145
RETAIL SHOWROOM | 809	RETAIL BUILDINGS | C81	$ 55
GENERAL RETAIL | 810	RETAIL BUILDINGS | C81	$ 88
DEPARTMENT STORE | 812	RETAIL BUILDINGS | C81	$ 116
DISCOUNT STORE | 813	RETAIL BUILDINGS | C81	$ 65
ROW RETAIL | 814	RETAIL BUILDINGS | C81	$ 82
RETAIL CONDOS | 815	RETAIL BUILDINGS | C81	$ 165
CONVERTED RETAIL | 816	RETAIL BUILDINGS | C81	$ 82
DRUG STORES | 817	RETAIL BUILDINGS | C81	$ 110
WAREHOUSE DISCOUNT STORE | 818	RETAIL BUILDINGS | C81	$ 55
HOME IMPROVEMENT WAREHOUSE | 819	RETAIL BUILDINGS | C81	$ 60
ROW RETAIL/OFFICE | 820	RETAIL BUILDINGS | C81	$ 96
ROW RETAIL/APT | 821	RETAIL BUILDINGS | C81	$ 82
RETAIL/OFFICE/APT | 822	RETAIL BUILDINGS | C81	$ 200
RETAIL/UPPER UNF | 823	RETAIL BUILDINGS | C81	$ 60
STRIP SHOPPING CENTER | 825	SHOPPING CENTERS | C82	$ 90

Table C1: Commercial Section Base Price (Continued)

OCCUPANCY CODE	OCCUPANCY TYPE	BASE PRICE
LOW-COST HOOP | 120	GREENHOUSE | C12	$ 5
AVERAGE HOOP | 121	GREENHOUSE | C12	$ 9
GOOD HOOP | 122	GREENHOUSE | C12	$ 17
MIXED-USE RETAIL | 827	SHOPPING CENTERS | C82	$ 70
VOLUNTEER FIRE DEPT | 140	GOVERNMENTAL | C14	$ 85
ARMORY | 141	GOVERNMENTAL | C14	$ 121
COURTHOUSE | 142	GOVERNMENTAL | C14	$ 189
FIRE DEPARTMENT | 143	GOVERNMENTAL | C14	$ 162
LIBRARY | 144	GOVERNMENTAL | C14	$ 146
LAW ENFORCEMENT CENTER | 145	GOVERNMENTAL | C14	$ 237
POST OFFICE | 146	GOVERNMENTAL | C14	$ 120
ELEMENTARY SCHOOL | 150	EDUCATIONAL BUILDINGS | C15	$ 159
MIDDLE SCHOOL | 151	EDUCATIONAL BUILDINGS | C15	$ 152
HIGH SCHOOL | 152	EDUCATIONAL BUILDINGS | C15	$ 157
ADMINISTRATION OFFICES | 153	EDUCATIONAL BUILDINGS | C15	$ 137
LIBRARIES | 154	EDUCATIONAL BUILDINGS | C15	$ 146
COLLEGE CLASSROOM | 155	EDUCATIONAL BUILDINGS | C15	$ 160
MULTI PURPOSE BLDGS | 156	EDUCATIONAL BUILDINGS | C15	$ 140
TECHNOLOGY BLDGS | 157	EDUCATIONAL BUILDINGS | C15	$ 180
VOCATIONAL BLDGS | 158	EDUCATIONAL BUILDINGS | C15	$ 136
PARKING DECK | 160	PARKING DECK | C16	$ 65
MEDICAL CLINICS | 200	HEALTH CARE | C20	$ 136
MALL SHOPPING CENTER | 826	SHOPPING CENTERS | C82	$ 100
HANGERS | 840	WAREHOUSES | C84	$ 35
MINI STORAGE | 841	WAREHOUSES | C84	$ 43
COLD STORAGE | 843	INDUSTRIAL | C25	$ 68
DISTRIBUTION WAREHOUSE | 844	INDUSTRIAL | C25	$ 45
TRANSIT WAREHOUSE | 845	INDUSTRIAL | C25	$ 60
METAL WAREHOUSE | 846	INDUSTRIAL | C25	$ 40
WOOD FR/METAL WAREHOUSE | 847	INDUSTRIAL | C25	$ 35
CONCRETE BLOCK WAREHOUSE | 848	INDUSTRIAL | C25	$ 40
AUDITORIUM | 870	THEATER | C87	$ 135
MOVIE THEATER | 871	THEATER | C87	$ 114
PLAYHOUSE | 873	THEATER | C87	$ 125
APARTMENTS-CONDOS | 14	APARTMENTS | C01	$ 171
APARTMENTS-MIXED-USE | 15	APARTMENTS | C01	$ 80
AUTO DEALERSHIP SHOWROOM | 20	AUTOMOTIVE | C02	$ 100
MINI LUBE | 25	AUTOMOTIVE | C02	$ 85
AUTO SERVICE CENTER | 26	AUTOMOTIVE | C02	$ 73

Table C1: Commercial Section Base Price (Continued)

OCCUPANCY CODE	OCCUPANCY TYPE	BASE PRICE
SERVICE STATION | 27	AUTOMOTIVE | C02	$ 120
PAINT/BODY SHOP | 28	AUTOMOTIVE | C02	$ 56
HIGH RISE BANK | 30	BANKS | C03	$ 145
GROUP CARE HOMES | 130	GROUP HOUSING | C13	$ 115
DORMITORIES | 131	GROUP HOUSING | C13	$ 100
IND. LVG. / ELDERLY CARE | 201	HEALTH CARE | C20	$ 112
ELDERLY ASSISTED LIVING | 202	HEALTH CARE | C20	$ 100
HOSPITAL | 203	HEALTH CARE | C20	$ 245
NURSING HOMES | 204	HEALTH CARE | C20	$ 141
HEAVY INDUSTRIAL | 250	INDUSTRIAL | C25	$ 90
LIGHT INDUSTRIAL | 251	INDUSTRIAL | C25	$ 43
MEDIUM INDUSTRIAL | 252	INDUSTRIAL | C25	$ 55
MOTELS | 240	LODGING FACILITY | C24	$ 96
HOTELS | 241	LODGING FACILITY | C24	$ 144
COTTAGES | 243	LODGING FACILITY | C24	$ 94
LODGES | 244	LODGING FACILITY | C24	$ 94
JAIL | 147	GOVERNMENTAL | C14	$ 250
DRY CLEANERS | 260	LAUNDERING FACILITY | C26	$ 78
LAUNDROMAT | 261	LAUNDERING FACILITY | C26	$ 74
SHOWROOM | 270	LUMBER YARD | C27	$ 55
STORAGE BUILDING | 271	LUMBER YARD | C27	$ 20
MATERIAL SHED | 273	LUMBER YARD | C27	$ 18
OPEN SHED | 274	LUMBER YARD | C27	$ 12
OPEN OFFICE | 601	OFFICES | C60	$ 65
BOWLING ALLEY | 750	RECREATION | C75	$ 78
GYMNASIUM | 751	RECREATION | C75	$ 105
ROLLER SKATING RINK | 752	RECREATION | C75	$ 112
WALK-UP APARTMENTS | 16	APARTMENTS | C01	$ 82
ELEVATOR (HIGH-RISE) APARTMENTS | 17	APARTMENTS | C01	$ 95
FLEX MALL BLDG | 180	FLEX MALL BLDG | C18	$ 60
APARTMENTS-GARDEN | 11	APARTMENTS | C01	$ 80
APARTMENTS-TOWNHOUSE | 12	APARTMENTS | C01	$ 165
APARTMENTS-CONVERTED | 13	APARTMENTS | C01	$ 80
VETERINARY OFFICE | 604	OFFICES | C60	$ 134
OFFICE CONDO | 605	OFFICES | C60	$ 175
CONVERTED OFFICE | 606	OFFICES | C60	$ 93
OFFICE ENCLOSURE | 607	OFFICES | C60	$ 48
ROW OFFICE | 608	OFFICES | C60	$ 105
MODULAR OFFICE | 611	OFFICES | C60	$ 65

Table C1: Commercial Section Base Price (Continued)

OCCUPANCY CODE	OCCUPANCY TYPE	BASE PRICE
MEDICAL OFFICE CONDO | 612	OFFICES | C60	$ 175
RESTAURANTS | 800	RESTAURANTS | C80	$ 134
DENTAL CLINIC | 613	OFFICES | C60	$ 150
COMPLETE AUTO DEALERSHIP | 29	AUTOMOTIVE | C02	$ 115
MAUSOLEUM | 102	FUNERAL HOME | C10	$ 95
OUTPATIENT (SURGICAL) CENTER | 205	HEALTH CARE | C20	$ 273
WINERY TASTING ROOM / SHOPS | 700	WINERY | C70	$ 111
DOLLAR STORE | 807	RETAIL BUILDINGS | C81	$ 88
STORAGE HANGER | 838	WAREHOUSES | C84	$ 35
SPORTSPLEX | 764	RECREATION | C75	$ 65
UTILITY BUILDING | 500	MISCELLANEOUS | C50	$ 20
AUTO PARTS STORE | 808	RETAIL BUILDINGS | C81	$ 105
INDOOR SHOOTING RANGE | 190	INDOOR SHOOTING RANGE | C19	$ 100
WINERY PRODUCTION / MANUF. | 701	WINERY | C70	$ 105
WAREHOUSE SHOWROOM STORE | 811	RETAIL BUILDINGS | C81	$ 59
LOW STRAIGHT-WALL | 123	GREENHOUSE | C12	$ 45
AVERAGE STRAIGHT-WALL | 124	GREENHOUSE | C12	$ 55
GOOD STRAIGHT-WALL | 125	GREENHOUSE | C12	$ 65
COMMUNITY RECREATION CENTER | 765	RECREATION | C75	$ 135
CENTRAL BANK OFFICE | 34	BANKS | C03	$ 212
URGENT CARE CLINIC | 614	MEDICAL BUILDINGS | C61	$ 136
BREWERY | 253	INDUSTRIAL | C25	$ 105

Table C2: Commercial Building Grade Adjustment

GRADE CODE	DESCRIPTION	ADJUSTMENT PERCENTAGE
AA+	GRADE AA+	325%
AA	GRADE AA	250%
AA-	GRADE AA-	200%
A+	GRADE A+	175%
A	GRADE A	155%
A-	GRADE A-	145%
B+	GRADE B+	135%
B	GRADE B	128%
B-	GRADE B-	120%
C+	GRADE C+	110%
C	GRADE C	100%
C-	GRADE C-	95%
D+	GRADE D+	90%
D	GRADE D	85%
D-	GRADE D-	75%
E+	GRADE E+	65%
E	GRADE E	55%
E-	GRADE E-	45%

Table C3: Commercial Section Building Economic Life

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
ROLLER SKATING RINK | 752	A | A	105	COMMUNITY CENTER | 759	B | B	105
ROLLER SKATING RINK | 752	B | B	105	COMMUNITY CENTER | 759	C | C	105
ROLLER SKATING RINK | 752	C | C	105	COMMUNITY CENTER | 759	D | D	105
ROLLER SKATING RINK | 752	D | D	105	COMMUNITY CENTER | 759	S | S	105
ROLLER SKATING RINK | 752	S | S	105	TENNIS CLUB | 760	C | C	105
ICE SKATING RINK | 753	A | A	105	TENNIS CLUB | 760	D | D	105
ICE SKATING RINK | 753	B | B	105	TENNIS CLUB | 760	S | S	105
ICE SKATING RINK | 753	C | C	105	RACQUETBALL CLUB | 761	C | C	105
ICE SKATING RINK | 753	D | D	105	RACQUETBALL CLUB | 761	D | D	105
ICE SKATING RINK | 753	S | S	105	RACQUETBALL CLUB | 761	S | S	105
SOCIAL CLUB | 754	A | A	105	POOL HOUSE | 762	A | A	105
SOCIAL CLUB | 754	B | B	105	POOL HOUSE | 762	B | B	105
SOCIAL CLUB | 754	C | C	105	POOL HOUSE | 762	C | C	105
SOCIAL CLUB | 754	D | D	105	POOL HOUSE | 762	D | D	105
SOCIAL CLUB | 754	S | S	105	POOL HOUSE | 762	S | S	105
FITNESS CENTER | 755	A | A	105	GOLF CART STORAGE | 763	D | D	105
FITNESS CENTER | 755	B | B	105	GOLF CART STORAGE | 763	S | S	105
FITNESS CENTER | 755	C | C	105	SPORTSPLEX | 764	A | A	105
FITNESS CENTER | 755	D | D	105	SPORTSPLEX | 764	B | B	105
FITNESS CENTER | 755	S | S	105	SPORTSPLEX | 764	C | C	105
CLUBHOUSE | 756	A | A	105	SPORTSPLEX | 764	D | D	105
CLUBHOUSE | 756	B | B	105	SPORTSPLEX | 764	S | S	105
CLUBHOUSE | 756	C | C	105	COMMUNITY RECREATION CENTER | 765	A | A	105
CLUBHOUSE | 756	D | D	105	COMMUNITY RECREATION CENTER | 765	B | B	105
CLUBHOUSE | 756	S | S	105	COMMUNITY RECREATION CENTER | 765	C | C	105
FRATERNAL BUILDING | 757	A | A	105	COMMUNITY RECREATION CENTER | 765	D | D	105
FRATERNAL BUILDING | 757	B | B	105	COMMUNITY RECREATION CENTER | 765	S | S	105
FRATERNAL BUILDING | 757	C | C	105	CONVENTIONAL DAYCARE | 80	A | A	105
FRATERNAL BUILDING | 757	D | D	105	CONVENTIONAL DAYCARE | 80	B | B	105
FRATERNAL BUILDING | 757	S | S	105	CONVENTIONAL DAYCARE | 80	C | C	105
GOLF CLUBHOUSE | 758	C | C	105	CONVENTIONAL DAYCARE | 80	D | D	105
GOLF CLUBHOUSE | 758	D | D	105	CONVENTIONAL DAYCARE | 80	S | S	105
GOLF CLUBHOUSE | 758	S | S	105	RESTAURANTS | 800	A | A	105
COMMUNITY CENTER | 759	A | A	105	RESTAURANTS | 800	B | B	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
RESTAURANTS | 800	C | C	105	AUTO PARTS STORE | 808	C | C	105
RESTAURANTS | 800	D | D	105	AUTO PARTS STORE | 808	D | D	105
RESTAURANTS | 800	S | S	105	AUTO PARTS STORE | 808	S | S	105
BAR/LOUNGE | 801	A | A	105	RETAIL SHOWROOM | 809	A | A	105
BAR/LOUNGE | 801	B | B	105	RETAIL SHOWROOM | 809	B | B	105
BAR/LOUNGE | 801	C | C	105	RETAIL SHOWROOM | 809	C | C	105
BAR/LOUNGE | 801	D | D	105	RETAIL SHOWROOM | 809	D | D	105
BAR/LOUNGE | 801	S | S	105	RETAIL SHOWROOM | 809	S | S	105
CAFETERIA STYLE | 802	A | A	105	CONVERTED DAYCARE | 81	A | A	105
CAFETERIA STYLE | 802	B | B	105	CONVERTED DAYCARE | 81	B | B	105
CAFETERIA STYLE | 802	C | C	105	CONVERTED DAYCARE | 81	C | C	105
CAFETERIA STYLE | 802	D | D	105	CONVERTED DAYCARE | 81	D | D	105
CAFETERIA STYLE | 802	S | S	105	CONVERTED DAYCARE | 81	S | S	105
MODULAR RESTAURANT | 803	S | S	105	GENERAL RETAIL | 810	A | A	105
NEIGHBORHOOD/DINER | 804	A | A	105	GENERAL RETAIL | 810	B | B	105
NEIGHBORHOOD/DINER | 804	B | B	105	GENERAL RETAIL | 810	C | C	105
NEIGHBORHOOD/DINER | 804	C | C	105	GENERAL RETAIL | 810	D | D	105
NEIGHBORHOOD/DINER | 804	D | D	105	GENERAL RETAIL | 810	S | S	105
NEIGHBORHOOD/DINER | 804	S | S	105	WAREHOUSE SHOWROOM STORE | 811	A | A	105
FAST FOOD | 805	A | A	105	WAREHOUSE SHOWROOM STORE | 811	B | B	105
FAST FOOD | 805	B | B	105	WAREHOUSE SHOWROOM STORE | 811	C | C	105
FAST FOOD | 805	C | C	105	WAREHOUSE SHOWROOM STORE | 811	D | D	105
FAST FOOD | 805	D | D	105	WAREHOUSE SHOWROOM STORE | 811	S | S	105
FAST FOOD | 805	S | S	105	DEPARTMENT STORE | 812	A | A	105
TRUCK STOP RESTAURANTS | 806	C | C	105	DEPARTMENT STORE | 812	B | B	105
TRUCK STOP RESTAURANTS | 806	D | D	105	DEPARTMENT STORE | 812	C | C	105
TRUCK STOP RESTAURANTS | 806	S | S	105	APARTMENTS-MULTI-UNITS | 10	C | C	105
DOLLAR STORE | 807	A | A	105	APARTMENTS-MULTI-UNITS | 10	D | D	105
DOLLAR STORE | 807	B | B	105	APARTMENTS-MULTI-UNITS | 10	S | S	105
DOLLAR STORE | 807	C | C	105	FUNERAL HOME | 100	A | A	105
DOLLAR STORE | 807	D | D	105	FUNERAL HOME | 100	B | B	105
DOLLAR STORE | 807	S | S	105	FUNERAL HOME | 100	C | C	105
AUTO PARTS STORE | 808	A | A	105	FUNERAL HOME | 100	D | D	105
AUTO PARTS STORE | 808	B | B	105	FUNERAL HOME | 100	S | S	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
FUNERAL HOME CONVERTED | 101	A | A	105	LOW-COST HOOP | 120	S | S	105
FUNERAL HOME CONVERTED | 101	B | B	105	AVERAGE HOOP | 121	S | S	105
FUNERAL HOME CONVERTED | 101	C | C	105	GOOD HOOP | 122	A | A	105
FUNERAL HOME CONVERTED | 101	D | D	105	GOOD HOOP | 122	B | B	105
FUNERAL HOME CONVERTED | 101	S | S	105	GOOD HOOP | 122	C | C	105
MAUSOLEUM | 102	A | A	105	GOOD HOOP | 122	D | D	105
MAUSOLEUM | 102	B | B	105	GOOD HOOP | 122	S | S	105
MAUSOLEUM | 102	C | C	105	LOW STRAIGHT-WALL | 123	A | A	105
MAUSOLEUM | 102	D | D	105	LOW STRAIGHT-WALL | 123	B | B	105
MAUSOLEUM | 102	S | S	105	LOW STRAIGHT-WALL | 123	C | C	105
APARTMENTS-GARDEN | 11	C | C	105	LOW STRAIGHT-WALL | 123	D | D	105
APARTMENTS-GARDEN | 11	D | D	105	LOW STRAIGHT-WALL | 123	S | S	105
APARTMENTS-GARDEN | 11	S | S	105	AVERAGE STRAIGHT-WALL | 124	D | D	105
GARAGE - PARKING | 110	A | A	105	AVERAGE STRAIGHT-WALL | 124	S | S	105
GARAGE - PARKING | 110	B | B	105	GOOD STRAIGHT-WALL | 125	A | A	105
GARAGE - PARKING | 110	C | C	105	GOOD STRAIGHT-WALL | 125	B | B	105
GARAGE - PARKING | 110	D | D	105	GOOD STRAIGHT-WALL | 125	C | C	105
GARAGE - PARKING | 110	S | S	105	GOOD STRAIGHT-WALL | 125	D | D	105
GARAGE - STORAGE | 111	A | A	105	GOOD STRAIGHT-WALL | 125	S | S	105
GARAGE - STORAGE | 111	B | B	105	APARTMENTS-CONVERTED | 13	C | C	105
GARAGE - STORAGE | 111	C | C	105	APARTMENTS-CONVERTED | 13	D | D	105
GARAGE - STORAGE | 111	D | D	105	APARTMENTS-CONVERTED | 13	S | S	105
GARAGE - STORAGE | 111	S | S	105	GROUP CARE HOMES | 130	A | A	105
GARAGE - WORKSHOP | 112	A | A	105	GROUP CARE HOMES | 130	B | B	105
GARAGE - WORKSHOP | 112	B | B	105	GROUP CARE HOMES | 130	C | C	105
GARAGE - WORKSHOP | 112	C | C	105	GROUP CARE HOMES | 130	D | D	105
GARAGE - WORKSHOP | 112	D | D	105	GROUP CARE HOMES | 130	S | S	105
GARAGE - WORKSHOP | 112	S | S	105	DORMITORIES | 131	A | A	105
APARTMENTS-TOWNHOUSE | 12	C | C	105	DORMITORIES | 131	B | B	105
APARTMENTS-TOWNHOUSE | 12	D | D	105	DORMITORIES | 131	C | C	105
LOW-COST HOOP | 120	A | A	105	DORMITORIES | 131	D | D	105
LOW-COST HOOP | 120	B | B	105	DORMITORIES | 131	S | S	105
LOW-COST HOOP | 120	C | C	105	RECTORIES | 132	C | C	105
LOW-COST HOOP | 120	D | D	105	RECTORIES | 132	D | D	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
APARTMENTS-CONDOS | 14	C | C	105	POST OFFICE | 146	D | D	105
APARTMENTS-CONDOS | 14	D | D	105	POST OFFICE | 146	S | S	105
APARTMENTS-CONDOS | 14	S | S	105	JAIL | 147	A | A	105
VOLUNTEER FIRE DEPT | 140	A | A	105	JAIL | 147	B | B	105
VOLUNTEER FIRE DEPT | 140	B | B	105	JAIL | 147	C | C	105
VOLUNTEER FIRE DEPT | 140	C | C	105	JAIL | 147	D | D	105
VOLUNTEER FIRE DEPT | 140	D | D	105	JAIL | 147	S | S	105
VOLUNTEER FIRE DEPT | 140	S | S	105	APARTMENTS-MIXED-USE | 15	A | A	105
ARMORY | 141	C | C	105	APARTMENTS-MIXED-USE | 15	B | B	105
ARMORY | 141	D | D	105	APARTMENTS-MIXED-USE | 15	C | C	105
ARMORY | 141	S | S	105	APARTMENTS-MIXED-USE | 15	D | D	105
COURTHOUSE | 142	A | A	105	APARTMENTS-MIXED-USE | 15	S | S	105
COURTHOUSE | 142	B | B	105	ELEMENTARY SCHOOL | 150	A | A	105
COURTHOUSE | 142	C | C	105	ELEMENTARY SCHOOL | 150	B | B	105
COURTHOUSE | 142	D | D	105	ELEMENTARY SCHOOL | 150	C | C	105
FIRE DEPARTMENT | 143	A | A	105	ELEMENTARY SCHOOL | 150	D | D	105
FIRE DEPARTMENT | 143	B | B	105	ELEMENTARY SCHOOL | 150	S | S	105
FIRE DEPARTMENT | 143	C | C	105	MIDDLE SCHOOL | 151	A | A	105
FIRE DEPARTMENT | 143	D | D	105	MIDDLE SCHOOL | 151	B | B	105
FIRE DEPARTMENT | 143	S | S	105	MIDDLE SCHOOL | 151	C | C	105
LIBRARY | 144	A | A	105	MIDDLE SCHOOL | 151	D | D	105
LIBRARY | 144	B | B	105	MIDDLE SCHOOL | 151	S | S	105
LIBRARY | 144	C | C	105	HIGH SCHOOL | 152	A | A	105
LIBRARY | 144	D | D	105	HIGH SCHOOL | 152	B | B	105
LIBRARY | 144	S | S	105	HIGH SCHOOL | 152	C | C	105
LAW ENFORCEMENT CENTER | 145	A | A	105	HIGH SCHOOL | 152	D | D	105
LAW ENFORCEMENT CENTER | 145	B | B	105	HIGH SCHOOL | 152	S | S	105
LAW ENFORCEMENT CENTER | 145	C | C	105	ADMINISTRATION OFFICES | 153	A | A	105
LAW ENFORCEMENT CENTER | 145	D | D	105	ADMINISTRATION OFFICES | 153	B | B	105
LAW ENFORCEMENT CENTER | 145	S | S	105	ADMINISTRATION OFFICES | 153	C | C	105
POST OFFICE | 146	A | A	105	ADMINISTRATION OFFICES | 153	D | D	105
POST OFFICE | 146	B | B	105	ADMINISTRATION OFFICES | 153	S | S	105
POST OFFICE | 146	C | C	105	LIBRARIES | 154	A | A	105
			LIBRARIES | 154	B | B	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
LIBRARIES | 154	C | C	105	ELEVATOR (HIGH-RISE) APARTMENTS | 17	B | B	105
LIBRARIES | 154	D | D	105	ELEVATOR (HIGH-RISE) APARTMENTS | 17	C | C	105
LIBRARIES | 154	S | S	105	ELEVATOR (HIGH-RISE) APARTMENTS | 17	D | D	105
COLLEGE CLASSROOM | 155	A | A	105	ELEVATOR (HIGH-RISE) APARTMENTS | 17	S | S	105
COLLEGE CLASSROOM | 155	B | B	105	CABINS | 170	C | C	105
COLLEGE CLASSROOM | 155	C | C	105	CABINS | 170	D | D	105
COLLEGE CLASSROOM | 155	D | D	105	CAMP GYM | 171	C | C	105
COLLEGE CLASSROOM | 155	S | S	105	CAMP GYM | 171	D | D	105
MULTI PURPOSE BLDGS | 156	A | A	105	CAMP GYM | 171	S | S	105
MULTI PURPOSE BLDGS | 156	B | B	105	CAMP OFFICE | 172	A | A	105
MULTI PURPOSE BLDGS | 156	C | C	105	CAMP OFFICE | 172	B | B	105
MULTI PURPOSE BLDGS | 156	D | D	105	CAMP OFFICE | 172	C | C	105
MULTI PURPOSE BLDGS | 156	S | S	105	CAMP OFFICE | 172	D | D	105
TECHNOLOGY BLDGS | 157	A | A	105	CAMP OFFICE | 172	S | S	105
TECHNOLOGY BLDGS | 157	B | B	105	CAMP DINING HALL | 173	C | C	105
TECHNOLOGY BLDGS | 157	C | C	105	CAMP DINING HALL | 173	D | D	105
TECHNOLOGY BLDGS | 157	D | D	105	INFIRMARY | 174	A | A	105
TECHNOLOGY BLDGS | 157	S | S	105	INFIRMARY | 174	B | B	105
VOCATIONAL BLDGS | 158	A | A	105	INFIRMARY | 174	C | C	105
VOCATIONAL BLDGS | 158	B | B	105	INFIRMARY | 174	D | D	105
VOCATIONAL BLDGS | 158	C | C	105	INFIRMARY | 174	S | S	105
VOCATIONAL BLDGS | 158	D | D	105	CAMP BATH HOUSE | 175	C | C	105
VOCATIONAL BLDGS | 158	S | S	105	CAMP BATH HOUSE | 175	D | D	105
WALK-UP APARTMENTS | 16	A | A	105	FLEX MALL BLDG | 180	A | A	105
WALK-UP APARTMENTS | 16	B | B	105	FLEX MALL BLDG | 180	B | B	105
WALK-UP APARTMENTS | 16	C | C	105	FLEX MALL BLDG | 180	C | C	105
WALK-UP APARTMENTS | 16	D | D	105	FLEX MALL BLDG | 180	D | D	105
WALK-UP APARTMENTS | 16	S | S	105	FLEX MALL BLDG | 180	S | S	105
PARKING DECK | 160	A | A	105	INDOOR SHOOTING RANGE | 190	A | A	105
PARKING DECK | 160	B | B	105	INDOOR SHOOTING RANGE | 190	B | B	105
PARKING DECK | 160	C | C	105	INDOOR SHOOTING RANGE | 190	C | C	105
PARKING DECK | 160	D | D	105	INDOOR SHOOTING RANGE | 190	D | D	105
PARKING DECK | 160	S | S	105	INDOOR SHOOTING RANGE | 190	S | S	105
ELEVATOR (HIGH-RISE) APARTMENTS | 17	A | A	105	AUTO DEALERSHIP SHOWROOM | 20	A | A	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
AUTO DEALERSHIP SHOWROOM | 20	B | B	105	AUTO DEALERSHIP SERVICE | 21	C | C	105
AUTO DEALERSHIP SHOWROOM | 20	C | C	105	AUTO DEALERSHIP SERVICE | 21	D | D	105
AUTO DEALERSHIP SHOWROOM | 20	D | D	105	AUTO DEALERSHIP SERVICE | 21	S | S	105
AUTO DEALERSHIP SHOWROOM | 20	S | S	105	SELF SERVICE CARWASH | 22	A | A	105
MEDICAL CLINICS | 200	A | A	105	SELF SERVICE CARWASH | 22	B | B	105
MEDICAL CLINICS | 200	B | B	105	SELF SERVICE CARWASH | 22	C | C	105
MEDICAL CLINICS | 200	C | C	105	SELF SERVICE CARWASH | 22	D | D	105
MEDICAL CLINICS | 200	D | D	105	SELF SERVICE CARWASH | 22	S | S	105
MEDICAL CLINICS | 200	S | S	105	DRIVE-THRU CARWASH | 23	A | A	105
IND. LVG. / ELDERLY CARE | 201	A | A	105	DRIVE-THRU CARWASH | 23	B | B	105
IND. LVG. / ELDERLY CARE | 201	B | B	105	DRIVE-THRU CARWASH | 23	C | C	105
IND. LVG. / ELDERLY CARE | 201	C | C	105	DRIVE-THRU CARWASH | 23	D | D	105
IND. LVG. / ELDERLY CARE | 201	D | D	105	DRIVE-THRU CARWASH | 23	S | S	105
IND. LVG. / ELDERLY CARE | 201	S | S	105	FULL-SERVICE CARWASH | 24	A | A	105
ELDERLY ASSISTED LIVING | 202	A | A	105	FULL-SERVICE CARWASH | 24	B | B	105
ELDERLY ASSISTED LIVING | 202	B | B	105	FULL-SERVICE CARWASH | 24	C | C	105
ELDERLY ASSISTED LIVING | 202	C | C	105	FULL-SERVICE CARWASH | 24	D | D	105
ELDERLY ASSISTED LIVING | 202	D | D	105	FULL-SERVICE CARWASH | 24	S | S	105
ELDERLY ASSISTED LIVING | 202	S | S	105	MOTELS | 240	C | C	105
HOSPITAL | 203	A | A	105	MOTELS | 240	D | D	105
HOSPITAL | 203	B | B	105	MOTELS | 240	S | S	105
HOSPITAL | 203	C | C	105	HOTELS | 241	A | A	105
HOSPITAL | 203	D | D	105	HOTELS | 241	B | B	105
HOSPITAL | 203	S | S	105	HOTELS | 241	C | C	105
NURSING HOMES | 204	A | A	105	HOTELS | 241	D | D	105
NURSING HOMES | 204	B | B	105	EXTENDED-STAY FACILITIES | 242	C | C	105
NURSING HOMES | 204	C | C	105	EXTENDED-STAY FACILITIES | 242	D | D	105
NURSING HOMES | 204	D | D	105	EXTENDED-STAY FACILITIES | 242	S | S	105
NURSING HOMES | 204	S | S	105	COTTAGES | 243	C | C	105
OUTPATIENT (SURGICAL) CENTER | 205	A | A	105	COTTAGES | 243	D | D	105
OUTPATIENT (SURGICAL) CENTER | 205	B | B	105	LODGES | 244	C | C	105
OUTPATIENT (SURGICAL) CENTER | 205	C | C	105	LODGES | 244	D | D	105
OUTPATIENT (SURGICAL) CENTER | 205	D | D	105	BED & BREAKFAST | 245	C | C	105
OUTPATIENT (SURGICAL) CENTER | 205	S | S	105	BED & BREAKFAST | 245	D | D	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
MINI LUBE | 25	C | C	105	SERVICE STATION | 27	C | C	105
MINI LUBE | 25	D | D	105	SERVICE STATION | 27	D | D	105
MINI LUBE | 25	S | S	105	SERVICE STATION | 27	S | S	105
HEAVY INDUSTRIAL | 250	A | A	105	SHOWROOM | 270	A | A	105
HEAVY INDUSTRIAL | 250	B | B	105	SHOWROOM | 270	B | B	105
HEAVY INDUSTRIAL | 250	C | C	105	SHOWROOM | 270	C | C	105
HEAVY INDUSTRIAL | 250	D | D	105	SHOWROOM | 270	D | D	105
HEAVY INDUSTRIAL | 250	S | S	105	SHOWROOM | 270	S | S	105
LIGHT INDUSTRIAL | 251	A | A	105	STORAGE BUILDING | 271	A | A	105
LIGHT INDUSTRIAL | 251	B | B	105	STORAGE BUILDING | 271	B | B	105
LIGHT INDUSTRIAL | 251	C | C	105	STORAGE BUILDING | 271	C | C	105
LIGHT INDUSTRIAL | 251	D | D	105	STORAGE BUILDING | 271	D | D	105
LIGHT INDUSTRIAL | 251	S | S	105	STORAGE BUILDING | 271	S | S	105
MEDIUM INDUSTRIAL | 252	A | A	105	MATERIAL SHED | 273	A | A	105
MEDIUM INDUSTRIAL | 252	B | B	105	MATERIAL SHED | 273	B | B	105
MEDIUM INDUSTRIAL | 252	C | C	105	MATERIAL SHED | 273	C | C	105
MEDIUM INDUSTRIAL | 252	D | D	105	MATERIAL SHED | 273	D | D	105
MEDIUM INDUSTRIAL | 252	S | S	105	MATERIAL SHED | 273	S | S	105
BREWERY | 253	A | A	105	OPEN SHED | 274	A | A	105
BREWERY | 253	B | B	105	OPEN SHED | 274	B | B	105
BREWERY | 253	C | C	105	OPEN SHED | 274	C | C	105
BREWERY | 253	D | D	105	OPEN SHED | 274	D | D	105
BREWERY | 253	S | S	105	OPEN SHED | 274	S | S	105
AUTO SERVICE CENTER | 26	C | C	105	PAINT/BODY SHOP | 28	A | A	105
AUTO SERVICE CENTER | 26	D | D	105	PAINT/BODY SHOP | 28	B | B	105
AUTO SERVICE CENTER | 26	S | S	105	PAINT/BODY SHOP | 28	C | C	105
DRY CLEANERS | 260	C | C	105	PAINT/BODY SHOP | 28	D | D	105
DRY CLEANERS | 260	D | D	105	PAINT/BODY SHOP | 28	S | S	105
DRY CLEANERS | 260	S | S	105	COMPLETE AUTO DEALERSHIP | 29	A | A	105
LAUNDROMAT | 261	C | C	105	COMPLETE AUTO DEALERSHIP | 29	B | B	105
LAUNDROMAT | 261	D | D	105	COMPLETE AUTO DEALERSHIP | 29	C | C	105
LAUNDROMAT | 261	S | S	105	COMPLETE AUTO DEALERSHIP | 29	D | D	105
SERVICE STATION | 27	A | A	105	COMPLETE AUTO DEALERSHIP | 29	S | S	105
SERVICE STATION | 27	B | B	105	HIGH RISE BANK | 30	A | A	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
HIGH RISE BANK | 30	B | B	105	MULTI-USE CONV STORE | 353	S | S	105
HIGH RISE BANK | 30	C | C	105	SUPERMARKET | 354	A | A	105
HIGH RISE BANK | 30	D | D	105	SUPERMARKET | 354	B | B	105
HIGH RISE BANK | 30	S | S	105	SUPERMARKET | 354	C | C	105
BRANCH BANK | 31	A | A	105	SUPERMARKET | 354	D | D	105
BRANCH BANK | 31	B | B	105	SUPERMARKET | 354	S | S	105
BRANCH BANK | 31	C | C	105	BARBER SHOP | 40	A | A	105
BRANCH BANK | 31	D | D	105	BARBER SHOP | 40	B | B	105
BRANCH BANK | 31	S | S	105	BARBER SHOP | 40	C | C	105
MODULAR BANK | 32	A | A	105	BARBER SHOP | 40	D | D	105
MODULAR BANK | 32	B | B	105	BARBER SHOP | 40	S | S	105
MODULAR BANK | 32	C | C	105	CHURCHES | 50	A | A	105
MODULAR BANK | 32	D | D	105	CHURCHES | 50	B | B	105
MODULAR BANK | 32	S | S	105	CHURCHES | 50	C | C	105
DRIVE THRU | 33	A | A	105	CHURCHES | 50	D | D	105
DRIVE THRU | 33	B | B	105	CHURCHES | 50	S | S	105
DRIVE THRU | 33	C | C	105	UTILITY BUILDING | 500	A | A	105
DRIVE THRU | 33	D | D	105	UTILITY BUILDING | 500	B | B	105
DRIVE THRU | 33	S | S	105	UTILITY BUILDING | 500	C | C	105
CENTRAL BANK OFFICE | 34	A | A	105	UTILITY BUILDING | 500	D | D	105
CENTRAL BANK OFFICE | 34	B | B	105	UTILITY BUILDING | 500	S | S	105
CENTRAL BANK OFFICE | 34	C | C	105	RELIGIOUS EDUCATION | 51	A | A	105
CENTRAL BANK OFFICE | 34	D | D	105	RELIGIOUS EDUCATION | 51	B | B	105
CENTRAL BANK OFFICE | 34	S | S	105	RELIGIOUS EDUCATION | 51	C | C	105
MINI MARTS | 350	C | C	105	RELIGIOUS EDUCATION | 51	D | D	105
MINI MARTS | 350	D | D	105	RELIGIOUS EDUCATION | 51	S | S	105
MINI MARTS | 350	S | S	105	FELLOWSHIP HALL | 52	A | A	105
RURAL CONV STORE | 352	C | C	105	FELLOWSHIP HALL | 52	B | B	105
RURAL CONV STORE | 352	D | D	105	FELLOWSHIP HALL | 52	C | C	105
RURAL CONV STORE | 352	S | S	105	FELLOWSHIP HALL | 52	D | D	105
MULTI-USE CONV STORE | 353	A | A	105	FELLOWSHIP HALL | 52	S | S	105
MULTI-USE CONV STORE | 353	B | B	105	KENNELS | 541	A | A	105
MULTI-USE CONV STORE | 353	C | C	105	KENNELS | 541	B | B	105
MULTI-USE CONV STORE | 353	D | D	105	KENNELS | 541	C | C	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
KENNELS | 541	D | D	105	VETERINARY OFFICE | 604	C | C	105
KENNELS | 541	S | S	105	VETERINARY OFFICE | 604	D | D	105
LOFTS | 577	A | A	105	VETERINARY OFFICE | 604	S | S	105
LOFTS | 577	B | B	105	OFFICE CONDO | 605	A | A	105
LOFTS | 577	C | C	105	OFFICE CONDO | 605	B | B	105
LOFTS | 577	D | D	105	OFFICE CONDO | 605	C | C	105
LOFTS | 577	S | S	105	OFFICE CONDO | 605	D | D	105
BROADCASTING FACILITY | 60	A | A	105	OFFICE CONDO | 605	S | S	105
BROADCASTING FACILITY | 60	B | B	105	CONVERTED OFFICE | 606	A | A	105
BROADCASTING FACILITY | 60	C | C	105	CONVERTED OFFICE | 606	B | B	105
BROADCASTING FACILITY | 60	D | D	105	CONVERTED OFFICE | 606	C | C	105
BROADCASTING FACILITY | 60	S | S	105	CONVERTED OFFICE | 606	D | D	105
GENERAL OFFICE | 600	A | A	105	CONVERTED OFFICE | 606	S | S	105
GENERAL OFFICE | 600	B | B	105	OFFICE ENCLOSURE | 607	A | A	105
GENERAL OFFICE | 600	C | C	105	OFFICE ENCLOSURE | 607	B | B	105
GENERAL OFFICE | 600	D | D	105	OFFICE ENCLOSURE | 607	C | C	105
GENERAL OFFICE | 600	S | S	105	OFFICE ENCLOSURE | 607	D | D	105
OPEN OFFICE | 601	A | A	105	OFFICE ENCLOSURE | 607	S | S	105
OPEN OFFICE | 601	B | B	105	ROW OFFICE | 608	A | A	105
OPEN OFFICE | 601	C | C	105	ROW OFFICE | 608	B | B	105
OPEN OFFICE | 601	D | D	105	ROW OFFICE | 608	C | C	105
OPEN OFFICE | 601	S | S	105	ROW OFFICE | 608	D | D	105
MEDICAL OFFICE | 602	A | A	105	ROW OFFICE | 608	S | S	105
MEDICAL OFFICE | 602	B | B	105	ROW OFFICE/UPPER UNFINISHED | 609	A | A	105
MEDICAL OFFICE | 602	C | C	105	ROW OFFICE/UPPER UNFINISHED | 609	B | B	105
MEDICAL OFFICE | 602	D | D	105	ROW OFFICE/UPPER UNFINISHED | 609	C | C	105
MEDICAL OFFICE | 602	S | S	105	ROW OFFICE/UPPER UNFINISHED | 609	D | D	105
CONVERTED MEDICAL OFFICE | 603	A | A	105	ROW OFFICE/UPPER UNFINISHED | 609	S | S	105
CONVERTED MEDICAL OFFICE | 603	B | B	105	ROW OFFICE/APARTMENT | 610	A | A	105
CONVERTED MEDICAL OFFICE | 603	C | C	105	ROW OFFICE/APARTMENT | 610	B | B	105
CONVERTED MEDICAL OFFICE | 603	D | D	105	ROW OFFICE/APARTMENT | 610	C | C	105
CONVERTED MEDICAL OFFICE | 603	S | S	105	ROW OFFICE/APARTMENT | 610	D | D	105
VETERINARY OFFICE | 604	A | A	105	ROW OFFICE/APARTMENT | 610	S | S	105
VETERINARY OFFICE | 604	B | B	105	MODULAR OFFICE | 611	A | A	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
MODULAR OFFICE | 611	B | B	105	GYMNASIUM | 751	S | S	105
MODULAR OFFICE | 611	C | C	105	DISCOUNT STORE | 813	A | A	105
MODULAR OFFICE | 611	D | D	105	DISCOUNT STORE | 813	B | B	105
MODULAR OFFICE | 611	S | S	105	DISCOUNT STORE | 813	C | C	105
MEDICAL OFFICE CONDO | 612	A | A	105	DISCOUNT STORE | 813	D | D	105
MEDICAL OFFICE CONDO | 612	B | B	105	DISCOUNT STORE | 813	S | S	105
MEDICAL OFFICE CONDO | 612	C | C	105	ROW RETAIL | 814	A | A	105
MEDICAL OFFICE CONDO | 612	D | D	105	ROW RETAIL | 814	B | B	105
MEDICAL OFFICE CONDO | 612	S | S	105	ROW RETAIL | 814	C | C	105
DENTAL CLINIC | 613	C | C	105	ROW RETAIL | 814	D | D	105
DENTAL CLINIC | 613	D | D	105	ROW RETAIL | 814	S | S	105
DENTAL CLINIC | 613	S | S	105	RETAIL CONDOS | 815	A | A	105
URGENT CARE CLINIC | 614	A | A	105	RETAIL CONDOS | 815	B | B	105
URGENT CARE CLINIC | 614	B | B	105	RETAIL CONDOS | 815	C | C	105
URGENT CARE CLINIC | 614	C | C	105	RETAIL CONDOS | 815	D | D	105
URGENT CARE CLINIC | 614	D | D	105	RETAIL CONDOS | 815	S | S	105
URGENT CARE CLINIC | 614	S | S	105	CONVERTED RETAIL | 816	A | A	105
WINERY TASTING ROOM / SHOPS | 700	A | A	105	CONVERTED RETAIL | 816	B | B	105
WINERY TASTING ROOM / SHOPS | 700	B | B	105	CONVERTED RETAIL | 816	C | C	105
WINERY TASTING ROOM / SHOPS | 700	C | C	105	CONVERTED RETAIL | 816	D | D	105
WINERY TASTING ROOM / SHOPS | 700	D | D	105	CONVERTED RETAIL | 816	S | S	105
WINERY TASTING ROOM / SHOPS | 700	S | S	105	DRUG STORES | 817	A | A	105
WINERY PRODUCTION / MANUF. | 701	A | A	105	DRUG STORES | 817	B | B	105
WINERY PRODUCTION / MANUF. | 701	B | B	105	DRUG STORES | 817	C | C	105
WINERY PRODUCTION / MANUF. | 701	C | C	105	DRUG STORES | 817	D | D	105
WINERY PRODUCTION / MANUF. | 701	D | D	105	WAREHOUSE DISCOUNT STORE | 818	A | A	105
WINERY PRODUCTION / MANUF. | 701	S | S	105	WAREHOUSE DISCOUNT STORE | 818	B | B	105
BOWLING ALLEY | 750	C | C	105	WAREHOUSE DISCOUNT STORE | 818	C | C	105
BOWLING ALLEY | 750	D | D	105	WAREHOUSE DISCOUNT STORE | 818	D | D	105
BOWLING ALLEY | 750	S | S	105	WAREHOUSE DISCOUNT STORE | 818	S | S	105
GYMNASIUM | 751	A | A	105	HOME IMPROVEMENT WAREHOUSE | 819	A | A	105
GYMNASIUM | 751	B | B	105	HOME IMPROVEMENT WAREHOUSE | 819	B | B	105
GYMNASIUM | 751	C | C	105	HOME IMPROVEMENT WAREHOUSE | 819	C | C	105
GYMNASIUM | 751	D | D	105	HOME IMPROVEMENT WAREHOUSE | 819	D | D	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
HOME IMPROVEMENT WAREHOUSE | 819	S | S	105	MALL SHOPPING CENTER | 826	D | D	105
MODULAR DAYCARE | 82	A | A	105	MALL SHOPPING CENTER | 826	S | S	105
MODULAR DAYCARE | 82	B | B	105	MIXED-USE RETAIL | 827	A | A	105
MODULAR DAYCARE | 82	C | C	105	MIXED-USE RETAIL | 827	B | B	105
MODULAR DAYCARE | 82	D | D	105	MIXED-USE RETAIL | 827	C | C	105
MODULAR DAYCARE | 82	S | S	105	MIXED-USE RETAIL | 827	D | D	105
ROW RETAIL/OFFICE | 820	A | A	105	MIXED-USE RETAIL | 827	S | S	105
ROW RETAIL/OFFICE | 820	B | B	105	STORAGE HANGER | 838	A | A	105
ROW RETAIL/OFFICE | 820	C | C	105	STORAGE HANGER | 838	B | B	105
ROW RETAIL/OFFICE | 820	D | D	105	STORAGE HANGER | 838	C | C	105
ROW RETAIL/OFFICE | 820	S | S	105	STORAGE HANGER | 838	D | D	105
ROW RETAIL/APT | 821	A | A	105	STORAGE HANGER | 838	S | S	105
ROW RETAIL/APT | 821	B | B	105	T-HANGERS | 839	A | A	105
ROW RETAIL/APT | 821	C | C	105	T-HANGERS | 839	B | B	105
ROW RETAIL/APT | 821	D | D	105	T-HANGERS | 839	C | C	105
ROW RETAIL/APT | 821	S | S	105	T-HANGERS | 839	D | D	105
RETAIL/OFFICE/APT | 822	A | A	105	T-HANGERS | 839	S | S	105
RETAIL/OFFICE/APT | 822	B | B	105	HANGERS | 840	A | A	105
RETAIL/OFFICE/APT | 822	C | C	105	HANGERS | 840	B | B	105
RETAIL/OFFICE/APT | 822	D | D	105	HANGERS | 840	C | C	105
RETAIL/OFFICE/APT | 822	S | S	105	HANGERS | 840	D | D	105
RETAIL/UPPER UNF | 823	A | A	105	HANGERS | 840	S | S	105
RETAIL/UPPER UNF | 823	B | B	105	MINI STORAGE | 841	A | A	105
RETAIL/UPPER UNF | 823	C | C	105	MINI STORAGE | 841	B | B	105
RETAIL/UPPER UNF | 823	D | D	105	MINI STORAGE | 841	C | C	105
RETAIL/UPPER UNF | 823	S | S	105	MINI STORAGE | 841	D | D	105
STRIP SHOPPING CENTER | 825	A | A	105	MINI STORAGE | 841	S | S	105
STRIP SHOPPING CENTER | 825	B | B	105	CLIMATE CONTROL MINI WAREHOUSE | 842	A | A	105
STRIP SHOPPING CENTER | 825	C | C	105	CLIMATE CONTROL MINI WAREHOUSE | 842	B | B	105
STRIP SHOPPING CENTER | 825	D | D	105	CLIMATE CONTROL MINI WAREHOUSE | 842	C | C	105
STRIP SHOPPING CENTER | 825	S | S	105	CLIMATE CONTROL MINI WAREHOUSE | 842	D | D	105
MALL SHOPPING CENTER | 826	A | A	105	CLIMATE CONTROL MINI WAREHOUSE | 842	S | S	105
MALL SHOPPING CENTER | 826	B | B	105	COLD STORAGE | 843	A | A	105
MALL SHOPPING CENTER | 826	C | C	105	COLD STORAGE | 843	B | B	105

Table C3: Commercial Section Building Economic Life (Continued)

OCCUPANCY CODE	CLASS	LIFE	OCCUPANCY CODE	CLASS	LIFE
COLD STORAGE | 843	C | C	105	AUDITORIUM | 870	B | B	105
COLD STORAGE | 843	D | D	105	AUDITORIUM | 870	C | C	105
COLD STORAGE | 843	S | S	105	AUDITORIUM | 870	D | D	105
DISTRIBUTION WAREHOUSE | 844	A | A	105	AUDITORIUM | 870	S | S	105
DISTRIBUTION WAREHOUSE | 844	B | B	105	MOVIE THEATER | 871	A | A	105
DISTRIBUTION WAREHOUSE | 844	C | C	105	MOVIE THEATER | 871	B | B	105
DISTRIBUTION WAREHOUSE | 844	D | D	105	MOVIE THEATER | 871	C | C	105
DISTRIBUTION WAREHOUSE | 844	S | S	105	MOVIE THEATER | 871	D | D	105
TRANSIT WAREHOUSE | 845	A | A	105	MOVIE THEATER | 871	S | S	105
TRANSIT WAREHOUSE | 845	B | B	105	PLAYHOUSE | 873	A | A	105
TRANSIT WAREHOUSE | 845	C | C	105	PLAYHOUSE | 873	B | B	105
TRANSIT WAREHOUSE | 845	D | D	105	PLAYHOUSE | 873	C | C	105
TRANSIT WAREHOUSE | 845	S | S	105	PLAYHOUSE | 873	D | D	105
METAL WAREHOUSE | 846	A | A	105	PLAYHOUSE | 873	S | S	105
METAL WAREHOUSE | 846	B | B	105	SHIPPING DOCK | 890	A | A	105
METAL WAREHOUSE | 846	C | C	105	SHIPPING DOCK | 890	B | B	105
METAL WAREHOUSE | 846	D | D	105	SHIPPING DOCK | 890	C | C	105
METAL WAREHOUSE | 846	S | S	105	SHIPPING DOCK | 890	D | D	105
WOOD FR/METAL WAREHOUSE | 847	A | A	105	SHIPPING DOCK | 890	S | S	105
WOOD FR/METAL WAREHOUSE | 847	B | B	105	PACKING HOUSE | 90	A | A	105
WOOD FR/METAL WAREHOUSE | 847	C | C	105	PACKING HOUSE | 90	B | B	105
WOOD FR/METAL WAREHOUSE | 847	D | D	105	PACKING HOUSE | 90	C | C	105
WOOD FR/METAL WAREHOUSE | 847	S | S	105	PACKING HOUSE | 90	D | D	105
CONCRETE BLOCK WAREHOUSE | 848	A | A	105	PACKING HOUSE | 90	S | S	105
CONCRETE BLOCK WAREHOUSE | 848	B | B	105			
CONCRETE BLOCK WAREHOUSE | 848	C | C	105			
CONCRETE BLOCK WAREHOUSE | 848	D | D	105			
CONCRETE BLOCK WAREHOUSE | 848	S | S	105			
MEGA STORAGE/DISTRIBUTION WAREHOUSE | 849	A | A	105			
MEGA STORAGE/DISTRIBUTION WAREHOUSE | 849	B | B	105			
MEGA STORAGE/DISTRIBUTION WAREHOUSE | 849	C | C	105			
MEGA STORAGE/DISTRIBUTION WAREHOUSE | 849	D | D	105			
MEGA STORAGE/DISTRIBUTION WAREHOUSE | 849	S | S	105			
AUDITORIUM | 870	A | A	105			

Table C4: Commercial Building Depreciation Schedule for 105 Year Life (Reflected as % Good)

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
2023	0	1	1	1	1	10	20	30	70
2022	1	1	1	1	1	11	21	31	71
2021	2	1	1	1	2	12	22	32	72
2020	3	1	1	2	3	13	23	33	73
2019	4	1	2	3	4	14	24	34	74
2018	5	2	3	4	5	15	25	35	75
2017	6	3	4	5	6	16	26	36	76
2016	7	4	5	6	7	17	27	37	77
2015	8	5	6	7	8	18	28	38	78
2014	9	6	7	8	9	19	29	39	79
2013	10	7	8	9	10	20	30	40	80
2012	11	8	9	10	11	21	31	41	81
2011	12	9	10	11	12	22	32	42	82
2010	13	10	11	12	13	23	33	43	83
2009	14	11	12	13	14	24	34	44	84
2008	15	12	13	14	15	25	35	45	85
2007	16	13	14	15	16	26	36	46	86
2006	17	14	15	16	17	27	37	47	87
2005	18	15	16	17	18	28	38	48	88
2004	19	16	17	18	19	29	39	49	89
2003	20	17	18	19	20	30	40	50	90
2002	21	18	19	20	21	31	41	51	91
2001	22	19	20	21	22	32	42	52	92
2000	23	20	21	22	23	33	43	53	93
1999	24	21	22	23	24	34	44	54	94
1998	25	22	23	24	25	35	45	55	95
1997	26	23	24	25	26	36	46	56	96
1996	27	24	25	26	27	37	47	57	97
1995	28	25	26	27	28	38	48	58	98
1994	29	26	27	28	29	39	49	59	99
1993	30	27	28	29	30	40	50	60	99
1992	31	28	29	30	31	41	51	61	99
1991	32	29	30	31	32	42	52	62	99
1990	33	30	31	32	33	43	53	63	99

Table C4: Commercial Building Depreciation Schedule for 105 Year Life (Reflected as % Good)
(Continued)

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
1989	34	31	32	33	34	44	54	64	99
1988	35	32	33	34	35	45	55	65	99
1987	36	33	34	35	36	46	56	66	99
1986	37	34	35	36	37	47	57	67	99
1985	38	35	36	37	38	48	58	68	99
1984	39	36	37	38	39	49	59	69	99
1983	40	37	38	39	40	50	60	70	99
1982	41	38	39	40	41	51	61	71	99
1981	42	39	40	41	42	52	62	72	99
1980	43	40	41	42	43	53	63	73	99
1979	44	41	42	43	44	54	64	74	99
1978	45	42	43	44	45	55	65	75	99
1977	46	43	44	45	46	56	66	76	99
1976	47	44	45	46	47	57	67	77	99
1975	48	45	46	47	48	58	68	78	99
1974	49	46	47	48	49	59	69	79	99
1973	50	47	48	49	50	60	70	80	99
1972	51	48	49	50	51	61	71	81	99
1971	52	49	50	51	52	62	72	82	99
1970	53	50	51	52	53	63	73	83	99
1969	54	51	52	53	54	64	74	84	99
1968	55	52	53	54	55	65	75	85	99
1967	56	53	54	55	56	66	76	86	99
1966	57	54	55	56	57	67	77	87	99
1965	58	55	56	57	58	68	78	88	99
1964	59	56	57	58	59	69	79	89	99
1963	60	57	58	59	60	70	80	90	99
1962	61	58	59	60	61	71	81	91	99
1961	62	59	60	61	62	72	82	92	99
1960	63	60	61	62	63	73	83	93	99
1959	64	61	62	63	64	74	84	94	99
1958	65	62	63	64	65	75	85	95	99
1957	66	63	64	65	66	76	86	96	99
1956	67	64	65	66	67	77	87	97	99
1955	68	65	66	67	68	78	88	98	99

Table C4: Commercial Building Depreciation Schedule for 105 Year Life (Reflected as % Good)
(Continued)

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
1954	69	66	67	68	69	79	89	99	99
1953	70	67	68	69	70	80	90	99	99
1952	71	68	69	70	71	81	91	99	99
1951	72	69	70	71	72	82	92	99	99
1950	73	70	71	72	73	83	93	99	99
1949	74	71	72	73	74	84	94	99	99
1948	75	72	73	74	75	85	95	99	99
1947	76	73	74	75	76	86	96	99	99
1946	77	74	75	76	77	87	97	99	99
1945	78	75	76	77	78	88	98	99	99
1944	79	76	77	78	79	89	99	99	99
1943	80	77	78	79	80	90	99	99	99
1942	81	78	79	80	81	91	99	99	99
1941	82	79	80	81	82	92	99	99	99
1940	83	80	81	82	83	93	99	99	99
1939	84	81	82	83	84	94	99	99	99
1938	85	82	83	84	85	95	99	99	99
1937	86	83	84	85	86	96	99	99	99
1936	87	84	85	86	87	97	99	99	99
1935	88	85	86	87	88	98	99	99	99
1934	89	86	87	88	89	99	99	99	99
1933	90	87	88	89	90	99	99	99	99
1932	91	88	89	90	91	99	99	99	99
1931	92	89	90	91	92	99	99	99	99
1930	93	90	91	92	93	99	99	99	99
1929	94	91	92	93	94	99	99	99	99
1928	95	92	93	94	95	99	99	99	99
1927	96	93	94	95	96	99	99	99	99
1926	97	94	95	96	97	99	99	99	99
1925	98	95	96	97	98	99	99	99	99
1924	99	96	97	98	99	99	99	99	99
1923	100	97	98	99	99	99	99	99	99
1922	101	98	99	99	99	99	99	99	99
1921	102	99	99	99	99	99	99	99	99
1920	103	99	99	99	99	99	99	99	99
1919	104	99	99	99	99	99	99	99	99

Table C5: Commercial Air Conditioning Adjustment

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C16	PARKING DECK		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C20	HEALTH CARE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C23	HOTEL		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C27	LUMBER YARD		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C30	MANUFACTURING		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C35	MARKETS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C54	KENNELS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C57	LOFTS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C60	OFFICES		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C70	WINERY		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C75	RECREATION		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C80	RESTAURANTS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C84	WAREHOUSES		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C87	THEATER		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
UAC	UNIT AIR COND	C25	INDUSTRIAL		5 * (5 / ([AREA] / [PERIMETER]) + 1)	5.25	13.33
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C03	BANKS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C05	CHURCH		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C11	GARAGE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C23	HOTEL		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C35	MARKETS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C54	KENNELS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C57	LOFTS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C60	OFFICES		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C70	WINERY		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C75	RECREATION		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C87	THEATER		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL		5 * (5 / ([AREA] / [PERIMETER]) + 1)	5.25	13.33
NAC	NO AIR CONDITIONING	C01	APARTMENTS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C03	BANKS		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C05	CHURCH		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C08	DAY CARE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C11	GARAGE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C12	GREENHOUSE		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING		-5 * (5 / ([AREA] / [PERIMETER]) + 1)	-13.33	-5.25
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C14	GOVERNMENTAL	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C15	EDUCATIONAL BLDGS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C16	PARKING DECK	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C16	PARKING DECK	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C16	PARKING DECK	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C16	PARKING DECK	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C16	PARKING DECK	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C16	PARKING DECK	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C16	PARKING DECK	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C16	PARKING DECK	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C16	PARKING DECK	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C16	PARKING DECK	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C16	PARKING DECK	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C16	PARKING DECK	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C16	PARKING DECK	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C16	PARKING DECK	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C16	PARKING DECK	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C16	PARKING DECK	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C16	PARKING DECK	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C16	PARKING DECK	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C17	CAMPGROUNDS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C18	FLEX MALL BLDG	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C19	SHOOTING RANGE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C20	HEALTH CARE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C23	HOTEL	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C23	HOTEL	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C23	HOTEL	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C23	HOTEL	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C23	HOTEL	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C23	HOTEL	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C23	HOTEL	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C23	HOTEL	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C23	HOTEL	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C23	HOTEL	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C23	HOTEL	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C23	HOTEL	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C23	HOTEL	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C23	HOTEL	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C23	HOTEL	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C23	HOTEL	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C23	HOTEL	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C23	HOTEL	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C24	LODGING FACILITY	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C26	LAUNDERING FACILITY	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C27	LUMBER YARD	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C30	MANUFACTURING	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C35	MARKETS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C35	MARKETS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C35	MARKETS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C35	MARKETS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C35	MARKETS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C35	MARKETS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C35	MARKETS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C35	MARKETS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C35	MARKETS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C35	MARKETS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C35	MARKETS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C35	MARKETS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C35	MARKETS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C35	MARKETS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C35	MARKETS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C35	MARKETS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C35	MARKETS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C35	MARKETS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C50	MISCELLANEOUS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C54	KENNELS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C54	KENNELS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C54	KENNELS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C54	KENNELS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C54	KENNELS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C54	KENNELS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C54	KENNELS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C54	KENNELS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C54	KENNELS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C54	KENNELS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C54	KENNELS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C54	KENNELS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C54	KENNELS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C54	KENNELS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C54	KENNELS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C54	KENNELS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C54	KENNELS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C54	KENNELS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C57	LOFTS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C57	LOFTS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C57	LOFTS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C57	LOFTS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C57	LOFTS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C57	LOFTS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C57	LOFTS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C57	LOFTS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C57	LOFTS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C57	LOFTS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C57	LOFTS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C57	LOFTS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C57	LOFTS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C57	LOFTS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C57	LOFTS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C57	LOFTS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C57	LOFTS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C57	LOFTS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C60	OFFICES	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C60	OFFICES	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C60	OFFICES	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C60	OFFICES	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C60	OFFICES	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C60	OFFICES	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C60	OFFICES	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C60	OFFICES	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C60	OFFICES	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C60	OFFICES	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C60	OFFICES	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C60	OFFICES	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C60	OFFICES	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C60	OFFICES	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C60	OFFICES	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C60	OFFICES	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C60	OFFICES	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C60	OFFICES	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C61	MEDICAL BLDGS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C62	VETERINARIAN OFF	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C70	WINERY	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C70	WINERY	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C70	WINERY	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C70	WINERY	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C70	WINERY	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C70	WINERY	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C70	WINERY	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C70	WINERY	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C70	WINERY	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C70	WINERY	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C70	WINERY	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C70	WINERY	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C70	WINERY	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C70	WINERY	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C70	WINERY	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C70	WINERY	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C70	WINERY	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C70	WINERY	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C75	RECREATION	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C75	RECREATION	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C75	RECREATION	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C75	RECREATION	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C75	RECREATION	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C75	RECREATION	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C75	RECREATION	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C75	RECREATION	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C75	RECREATION	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C75	RECREATION	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C75	RECREATION	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C75	RECREATION	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C75	RECREATION	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C75	RECREATION	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C75	RECREATION	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C75	RECREATION	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C75	RECREATION	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C75	RECREATION	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C76	RECREATION (OUTDOOR)	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C80	RESTAURANTS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C81	RETAIL BUILDINGS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C82	SHOPPING CENTERS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C84	WAREHOUSES	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C87	THEATER	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C87	THEATER	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C87	THEATER	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C87	THEATER	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C87	THEATER	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C87	THEATER	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C87	THEATER	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C87	THEATER	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C87	THEATER	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C87	THEATER	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C87	THEATER	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C87	THEATER	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C87	THEATER	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C87	THEATER	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C87	THEATER	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C87	THEATER	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C87	THEATER	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C87	THEATER	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C89	SHIPPING DOCK	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
UAC	UNIT AIR COND	C25	INDUSTRIAL	AA+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	17.0625	43.3225
UAC	UNIT AIR COND	C25	INDUSTRIAL	AA	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	13.125	33.325
UAC	UNIT AIR COND	C25	INDUSTRIAL	AA-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	10.5	26.66
UAC	UNIT AIR COND	C25	INDUSTRIAL	A+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	9.1875	23.3275
UAC	UNIT AIR COND	C25	INDUSTRIAL	A	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	8.1375	20.6615
UAC	UNIT AIR COND	C25	INDUSTRIAL	A-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	7.6125	19.3285
UAC	UNIT AIR COND	C25	INDUSTRIAL	B+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	7.0875	17.9955
UAC	UNIT AIR COND	C25	INDUSTRIAL	B	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	6.72	17.0624
UAC	UNIT AIR COND	C25	INDUSTRIAL	B-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	6.3	15.996

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
UAC	UNIT AIR COND	C25	INDUSTRIAL	C+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	5.775	14.663
UAC	UNIT AIR COND	C25	INDUSTRIAL	C	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	5.25	13.33
UAC	UNIT AIR COND	C25	INDUSTRIAL	C-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	4.9875	12.6635
UAC	UNIT AIR COND	C25	INDUSTRIAL	D+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	4.725	11.997
UAC	UNIT AIR COND	C25	INDUSTRIAL	D	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	4.4625	11.3305
UAC	UNIT AIR COND	C25	INDUSTRIAL	D-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	3.9375	9.9975
UAC	UNIT AIR COND	C25	INDUSTRIAL	E+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	3.4125	8.6645
UAC	UNIT AIR COND	C25	INDUSTRIAL	E	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.8875	7.3315
UAC	UNIT AIR COND	C25	INDUSTRIAL	E-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	2.3625	5.9985
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C01	APARTMENTS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C02	AUTOMOTIVE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C03	BANKS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C03	BANKS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C03	BANKS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C03	BANKS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C03	BANKS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C03	BANKS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C03	BANKS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C03	BANKS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C03	BANKS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C03	BANKS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C03	BANKS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C03	BANKS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C03	BANKS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C03	BANKS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C03	BANKS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C03	BANKS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C03	BANKS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C03	BANKS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C04	BEAUTYBARBER SHOP	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C05	CHURCH	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C06	BROADCASTING FACILIT	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C08	DAY CARE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C09	PACKING HOUSE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C10	FUNERAL HOME	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C11	GARAGE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C12	GREENHOUSE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C13	GROUP HOUSING	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C14	GOVERNMENTAL	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C15	EDUCATIONAL BLDGS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C16	PARKING DECK	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C17	CAMPGROUNDS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C18	FLEX MALL BLDG	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C19	SHOOTING RANGE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C20	HEALTH CARE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C23	HOTEL	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C24	LODGING FACILITY	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C26	LAUNDERING FACILITY	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C27	LUMBER YARD	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C30	MANUFACTURING	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C35	MARKETS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C50	MISCELLANEOUS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C54	KENNELS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C57	LOFTS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C60	OFFICES	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C61	MEDICAL BLDGS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C62	VETERINARIAN OFF	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C70	WINERY	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C70	WINERY	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C70	WINERY	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C70	WINERY	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C70	WINERY	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C70	WINERY	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C70	WINERY	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C70	WINERY	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C70	WINERY	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C70	WINERY	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C70	WINERY	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C70	WINERY	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C70	WINERY	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C70	WINERY	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C70	WINERY	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C70	WINERY	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C70	WINERY	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C70	WINERY	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C75	RECREATION	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C76	RECREATION (OUTDOOR)	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C80	RESTAURANTS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C81	RETAIL BUILDINGS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C82	SHOPPING CENTERS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C84	WAREHOUSES	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C87	THEATER	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C87	THEATER	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C87	THEATER	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C87	THEATER	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C87	THEATER	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C87	THEATER	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C87	THEATER	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C87	THEATER	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C87	THEATER	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
CEN	PARTIAL CENTRAL A/C	C87	THEATER	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C87	THEATER	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C87	THEATER	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C87	THEATER	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C87	THEATER	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C87	THEATER	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C87	THEATER	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C87	THEATER	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C87	THEATER	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
CEN	PARTIAL CENTRAL A/C	C89	SHIPPING DOCK	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	AA+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	17.0625	43.3225
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	AA	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	13.125	33.325
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	AA-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	10.5	26.66
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	A+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	9.1875	23.3275
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	A	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	8.1375	20.6615
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	A-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	7.6125	19.3285
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	B+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	7.0875	17.9955
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	B	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	6.72	17.0624
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	B-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	6.3	15.996
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	C+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	5.775	14.663
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	C	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	5.25	13.33
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	C-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	4.9875	12.6635
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	D+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	4.725	11.997
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	D	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	4.4625	11.3305
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	D-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	3.9375	9.9975
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	E+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	3.4125	8.6645
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	E	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.8875	7.3315
CEN100	100% CENTRAL A/C	C25	INDUSTRIAL	E-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	2.3625	5.9985
NAC	NO AIR CONDITIONING	C01	APARTMENTS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C01	APARTMENTS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C01	APARTMENTS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C01	APARTMENTS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C01	APARTMENTS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C01	APARTMENTS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C01	APARTMENTS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C01	APARTMENTS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C01	APARTMENTS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C01	APARTMENTS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C01	APARTMENTS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C01	APARTMENTS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C01	APARTMENTS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C01	APARTMENTS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C01	APARTMENTS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C01	APARTMENTS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C01	APARTMENTS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C01	APARTMENTS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C02	AUTOMOTIVE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C03	BANKS	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C03	BANKS	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C03	BANKS	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C03	BANKS	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C03	BANKS	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C03	BANKS	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C03	BANKS	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C03	BANKS	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C03	BANKS	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C03	BANKS	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C03	BANKS	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C03	BANKS	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C03	BANKS	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C03	BANKS	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C03	BANKS	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C03	BANKS	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C03	BANKS	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C03	BANKS	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C04	BEAUTYBARBER SHOP	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C05	CHURCH	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C05	CHURCH	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C05	CHURCH	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C05	CHURCH	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C05	CHURCH	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C05	CHURCH	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C05	CHURCH	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C05	CHURCH	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C05	CHURCH	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C05	CHURCH	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C05	CHURCH	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C05	CHURCH	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C05	CHURCH	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C05	CHURCH	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C05	CHURCH	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C05	CHURCH	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C05	CHURCH	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C05	CHURCH	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C06	BROADCASTING FACILIT	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C08	DAY CARE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C08	DAY CARE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C08	DAY CARE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C08	DAY CARE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C08	DAY CARE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C08	DAY CARE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C08	DAY CARE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C08	DAY CARE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C08	DAY CARE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C08	DAY CARE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C08	DAY CARE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C08	DAY CARE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C08	DAY CARE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C08	DAY CARE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C08	DAY CARE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C08	DAY CARE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C08	DAY CARE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C08	DAY CARE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C09	PACKING HOUSE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C10	FUNERAL HOME	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C11	GARAGE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C11	GARAGE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C11	GARAGE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C11	GARAGE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C11	GARAGE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C11	GARAGE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C11	GARAGE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C11	GARAGE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C11	GARAGE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C11	GARAGE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C11	GARAGE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C11	GARAGE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C11	GARAGE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C11	GARAGE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C11	GARAGE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C11	GARAGE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C11	GARAGE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C11	GARAGE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C12	GREENHOUSE	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	AA+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-43.3225	-17.0625
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	AA	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-33.325	-13.125
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	AA-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-26.66	-10.5
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	A+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-23.3275	-9.1875
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	A	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-20.6615	-8.1375
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	A-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-19.3285	-7.6125
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	B+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-17.9955	-7.0875
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	B	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-17.0624	-6.72
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	B-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-15.996	-6.3
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	C+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-14.663	-5.775
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	C	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-13.33	-5.25
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	C-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-12.6635	-4.9875
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	D+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-11.997	-4.725
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	D	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-11.3305	-4.4625
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	D-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-9.9975	-3.9375

Table C5: Commercial Air Conditioning Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	E+	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-8.6645	-3.4125
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	E	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-7.3315	-2.8875
NAC	NO AIR CONDITIONING	C13	GROUP HOUSING	E-	-5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-5.9985	-2.3625
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL		5 * (5 / ([AREA] / [PERIMETER]) + 1)	5.25	13.33
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	AA+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	17.0625	43.3225
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	AA	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	13.125	33.325
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	AA-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	10.5	26.66
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	A+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	9.1875	23.3275
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	A	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	8.1375	20.6615
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	A-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	7.6125	19.3285
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	B+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	7.0875	17.9955
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	B	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	6.72	17.0624
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	B-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	6.3	15.996
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	C+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	5.775	14.663
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	C	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	5.25	13.33
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	C-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	4.9875	12.6635
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	D+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	4.725	11.997
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	D	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	4.4625	11.3305
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	D-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	3.9375	9.9975
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	E+	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	3.4125	8.6645
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	E	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.8875	7.3315
CEN	PARTIAL CENTRAL A/C	C25	INDUSTRIAL	E-	5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	2.3625	5.9985

Table C6: Commercial Bath Fixtures Adjustment

FEATURE CODE	FEATURE CODE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
AD	ADEQUATE		INCLUDED IN BASE	0	0
NONE	NONE		INCLUDED IN BASE	0	0
LP	LIMITED PLUMBING	AA+	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-4.3225	-1.7225
LP	LIMITED PLUMBING	AA	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-3.325	-1.325
LP	LIMITED PLUMBING	AA-	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-2.66	-1.06
LP	LIMITED PLUMBING	A+	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-2.3275	-0.9275
LP	LIMITED PLUMBING	A	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-2.0615	-0.8215
LP	LIMITED PLUMBING	A-	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-1.9285	-0.7685
LP	LIMITED PLUMBING	B+	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-1.7955	-0.7155
LP	LIMITED PLUMBING	B	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-1.7024	-0.6784
LP	LIMITED PLUMBING	B-	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-1.596	-0.636
LP	LIMITED PLUMBING	C+	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-1.463	-0.583
LP	LIMITED PLUMBING	C	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-1.33	-0.53
LP	LIMITED PLUMBING	C-	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-1.2635	-0.5035
LP	LIMITED PLUMBING	D+	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-1.197	-0.477
LP	LIMITED PLUMBING	D	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-1.1305	-0.4505
LP	LIMITED PLUMBING	D-	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-0.9975	-0.3975
LP	LIMITED PLUMBING	E+	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-0.8645	-0.3445
LP	LIMITED PLUMBING	E	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-0.7315	-0.2915
LP	LIMITED PLUMBING	E-	-0.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-0.5985	-0.2385
NP	NO PLUMBING	AA+	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-8.6775	-3.4125
NP	NO PLUMBING	AA	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-6.675	-2.625
NP	NO PLUMBING	AA-	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-5.34	-2.1
NP	NO PLUMBING	A+	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-4.6725	-1.8375
NP	NO PLUMBING	A	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-4.1385	-1.6275
NP	NO PLUMBING	A-	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-3.8715	-1.5225

Table C6: Commercial Bath Fixtures Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
NP	NO PLUMBING	B+	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-3.6045	-1.4175
NP	NO PLUMBING	B	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-3.4176	-1.344
NP	NO PLUMBING	B-	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-3.204	-1.26
NP	NO PLUMBING	C+	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-2.937	-1.155
NP	NO PLUMBING	C	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-2.67	-1.05
NP	NO PLUMBING	C-	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-2.5365	-0.9975
NP	NO PLUMBING	D+	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-2.403	-0.945
NP	NO PLUMBING	D	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-2.2695	-0.8925
NP	NO PLUMBING	D-	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-2.0025	-0.7875
NP	NO PLUMBING	E+	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-1.7355	-0.6825
NP	NO PLUMBING	E	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-1.4685	-0.5775
NP	NO PLUMBING	E-	-1 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-1.2015	-0.4725

Table C7: Commercial Heating Adjustment

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C01	APARTMENTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C02	AUTOMOTIVE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C03	BANKS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C04	BEAUTYBARBER SHOP		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C05	CHURCH		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C06	BROADCASTING FACILIT		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C08	DAY CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C09	PACKING HOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C10	FUNERAL HOME		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C11	GARAGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C12	GREENHOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C13	GROUP HOUSING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C14	GOVERNMENTAL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C15	EDUCATIONAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C16	PARKING DECK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C17	CAMPGROUNDS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C18	FLEX MALL BLDG		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F100	100% FORCED AIR	C25	INDUSTRIAL		3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	3.68	9.33
F	PARTIAL FORCED AIR	C01	APARTMENTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C03	BANKS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C05	CHURCH		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C08	DAY CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C09	PACKING HOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C10	FUNERAL HOME		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C11	GARAGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C12	GREENHOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C13	GROUP HOUSING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C16	PARKING DECK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C20	HEALTH CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C23	HOTEL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C24	LODGING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C27	LUMBER YARD		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C30	MANUFACTURING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C35	MARKETS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C54	KENNELS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C57	LOFTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C60	OFFICES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C70	WINERY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C75	RECREATION		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C80	RESTAURANTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C84	WAREHOUSES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C87	THEATER		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN100	100% CENTRAL	C25	INDUSTRIAL		3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	3.68	9.33
CEN	PARTIAL CENTRAL	C01	APARTMENTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C03	BANKS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C05	CHURCH		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C08	DAY CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C11	GARAGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C12	GREENHOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C16	PARKING DECK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C20	HEALTH CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C23	HOTEL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C27	LUMBER YARD		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C30	MANUFACTURING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C35	MARKETS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C54	KENNELS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C57	LOFTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C60	OFFICES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C70	WINERY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C75	RECREATION		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C80	RESTAURANTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C84	WAREHOUSES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C87	THEATER		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C01	APARTMENTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C03	BANKS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C05	CHURCH		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C08	DAY CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C11	GARAGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C12	GREENHOUSE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C16	PARKING DECK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C20	HEALTH CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C23	HOTEL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C27	LUMBER YARD		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C30	MANUFACTURING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C35	MARKETS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C54	KENNELS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C57	LOFTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C60	OFFICES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C70	WINERY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C75	RECREATION		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C80	RESTAURANTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C84	WAREHOUSES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C87	THEATER		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
H	STEAM/HOT WATER	C25	INDUSTRIAL		3 * (5 / ([AREA] / [PERIMETER]) + 1)	3.15	8
P100	100% HEAT PUMP	C25	INDUSTRIAL		3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	3.68	9.33
U	UNIT HEATERS	C25	INDUSTRIAL		1.5 * (5 / ([AREA] / [PERIMETER]) + 1)	1.58	4
N	NONE	C19	SHOOTING RANGE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C20	HEALTH CARE		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C23	HOTEL		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C24	LODGING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C26	LAUNDERING FACILITY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C27	LUMBER YARD		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C30	MANUFACTURING		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C35	MARKETS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C50	MISCELLANEOUS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C54	KENNELS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C57	LOFTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C60	OFFICES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C61	MEDICAL BLDGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C62	VETERINARIAN OFF		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C70	WINERY		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C75	RECREATION		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C76	RECREATION (OUTDOOR)		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C80	RESTAURANTS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C81	RETAIL BUILDINGS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C82	SHOPPING CENTERS		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C84	WAREHOUSES		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C87	THEATER		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C89	SHIPPING DOCK		-3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	-9.33	-3.68
N	NONE	C01	APARTMENTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C01	APARTMENTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C01	APARTMENTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C01	APARTMENTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C01	APARTMENTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C01	APARTMENTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C01	APARTMENTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C01	APARTMENTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C01	APARTMENTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C01	APARTMENTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C01	APARTMENTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C01	APARTMENTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C01	APARTMENTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C01	APARTMENTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C01	APARTMENTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C01	APARTMENTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C01	APARTMENTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C01	APARTMENTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C02	AUTOMOTIVE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C02	AUTOMOTIVE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C02	AUTOMOTIVE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C02	AUTOMOTIVE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C02	AUTOMOTIVE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C02	AUTOMOTIVE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C02	AUTOMOTIVE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C02	AUTOMOTIVE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C02	AUTOMOTIVE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C02	AUTOMOTIVE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C02	AUTOMOTIVE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C02	AUTOMOTIVE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C02	AUTOMOTIVE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C02	AUTOMOTIVE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C02	AUTOMOTIVE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C02	AUTOMOTIVE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C02	AUTOMOTIVE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C02	AUTOMOTIVE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C03	BANKS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C03	BANKS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C03	BANKS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C03	BANKS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C03	BANKS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C03	BANKS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C03	BANKS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C03	BANKS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C03	BANKS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C03	BANKS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C03	BANKS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C03	BANKS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C03	BANKS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C03	BANKS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C03	BANKS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C03	BANKS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C03	BANKS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C03	BANKS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C04	BEAUTYBARBER SHOP	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C04	BEAUTYBARBER SHOP	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C04	BEAUTYBARBER SHOP	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C04	BEAUTYBARBER SHOP	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C04	BEAUTYBARBER SHOP	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C04	BEAUTYBARBER SHOP	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C04	BEAUTYBARBER SHOP	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C04	BEAUTYBARBER SHOP	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C04	BEAUTYBARBER SHOP	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C04	BEAUTYBARBER SHOP	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C04	BEAUTYBARBER SHOP	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C04	BEAUTYBARBER SHOP	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C04	BEAUTYBARBER SHOP	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C04	BEAUTYBARBER SHOP	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C04	BEAUTYBARBER SHOP	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C04	BEAUTYBARBER SHOP	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C04	BEAUTYBARBER SHOP	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C04	BEAUTYBARBER SHOP	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C05	CHURCH	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C05	CHURCH	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C05	CHURCH	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C05	CHURCH	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C05	CHURCH	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C05	CHURCH	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C05	CHURCH	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C05	CHURCH	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C05	CHURCH	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C05	CHURCH	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C05	CHURCH	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C05	CHURCH	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C05	CHURCH	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C05	CHURCH	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C05	CHURCH	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C05	CHURCH	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C05	CHURCH	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C05	CHURCH	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C06	BROADCASTING FACILIT	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C06	BROADCASTING FACILIT	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C06	BROADCASTING FACILIT	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C06	BROADCASTING FACILIT	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C06	BROADCASTING FACILIT	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C06	BROADCASTING FACILIT	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C06	BROADCASTING FACILIT	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C06	BROADCASTING FACILIT	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C06	BROADCASTING FACILIT	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C06	BROADCASTING FACILIT	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C06	BROADCASTING FACILIT	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C06	BROADCASTING FACILIT	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C06	BROADCASTING FACILIT	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C06	BROADCASTING FACILIT	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C06	BROADCASTING FACILIT	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C06	BROADCASTING FACILIT	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C06	BROADCASTING FACILIT	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C06	BROADCASTING FACILIT	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C08	DAY CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C08	DAY CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C08	DAY CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C08	DAY CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C08	DAY CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C08	DAY CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C08	DAY CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C08	DAY CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C08	DAY CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C08	DAY CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C08	DAY CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C08	DAY CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C08	DAY CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C08	DAY CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C08	DAY CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C08	DAY CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C08	DAY CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C08	DAY CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C09	PACKING HOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C09	PACKING HOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C09	PACKING HOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C09	PACKING HOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C09	PACKING HOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C09	PACKING HOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C09	PACKING HOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C09	PACKING HOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C09	PACKING HOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C09	PACKING HOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C09	PACKING HOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C09	PACKING HOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C09	PACKING HOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C09	PACKING HOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C09	PACKING HOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C09	PACKING HOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C09	PACKING HOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C09	PACKING HOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C10	FUNERAL HOME	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C10	FUNERAL HOME	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C10	FUNERAL HOME	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C10	FUNERAL HOME	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C10	FUNERAL HOME	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C10	FUNERAL HOME	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C10	FUNERAL HOME	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C10	FUNERAL HOME	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C10	FUNERAL HOME	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C10	FUNERAL HOME	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C10	FUNERAL HOME	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C10	FUNERAL HOME	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C10	FUNERAL HOME	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C10	FUNERAL HOME	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C10	FUNERAL HOME	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C10	FUNERAL HOME	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C10	FUNERAL HOME	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C10	FUNERAL HOME	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C11	GARAGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C11	GARAGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C11	GARAGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C11	GARAGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C11	GARAGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C11	GARAGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C11	GARAGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C11	GARAGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C11	GARAGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C11	GARAGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C11	GARAGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C11	GARAGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C11	GARAGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C11	GARAGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C11	GARAGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C11	GARAGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C11	GARAGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C11	GARAGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C12	GREENHOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C12	GREENHOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C12	GREENHOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C12	GREENHOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C12	GREENHOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C12	GREENHOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C12	GREENHOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C12	GREENHOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C12	GREENHOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C12	GREENHOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C12	GREENHOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C12	GREENHOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C12	GREENHOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C12	GREENHOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C12	GREENHOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C12	GREENHOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C12	GREENHOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C12	GREENHOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C13	GROUP HOUSING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C13	GROUP HOUSING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C13	GROUP HOUSING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C13	GROUP HOUSING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C13	GROUP HOUSING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C13	GROUP HOUSING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C13	GROUP HOUSING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C13	GROUP HOUSING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C13	GROUP HOUSING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C13	GROUP HOUSING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C13	GROUP HOUSING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C13	GROUP HOUSING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C13	GROUP HOUSING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C13	GROUP HOUSING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C13	GROUP HOUSING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C13	GROUP HOUSING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C13	GROUP HOUSING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C13	GROUP HOUSING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C14	GOVERNMENTAL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C14	GOVERNMENTAL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C14	GOVERNMENTAL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C14	GOVERNMENTAL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C14	GOVERNMENTAL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C14	GOVERNMENTAL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C14	GOVERNMENTAL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C14	GOVERNMENTAL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C14	GOVERNMENTAL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C14	GOVERNMENTAL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C14	GOVERNMENTAL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C14	GOVERNMENTAL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C14	GOVERNMENTAL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C14	GOVERNMENTAL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C14	GOVERNMENTAL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C14	GOVERNMENTAL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C14	GOVERNMENTAL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C14	GOVERNMENTAL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C15	EDUCATIONAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C15	EDUCATIONAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C15	EDUCATIONAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C15	EDUCATIONAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C15	EDUCATIONAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C15	EDUCATIONAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C15	EDUCATIONAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C15	EDUCATIONAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C15	EDUCATIONAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C15	EDUCATIONAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C15	EDUCATIONAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C15	EDUCATIONAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C15	EDUCATIONAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C15	EDUCATIONAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C15	EDUCATIONAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C15	EDUCATIONAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C15	EDUCATIONAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C15	EDUCATIONAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C16	PARKING DECK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C16	PARKING DECK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C16	PARKING DECK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C16	PARKING DECK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C16	PARKING DECK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C16	PARKING DECK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C16	PARKING DECK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C16	PARKING DECK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C16	PARKING DECK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C16	PARKING DECK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C16	PARKING DECK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C16	PARKING DECK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C16	PARKING DECK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C16	PARKING DECK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C16	PARKING DECK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C16	PARKING DECK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C16	PARKING DECK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C16	PARKING DECK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C17	CAMPGROUNDS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C17	CAMPGROUNDS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C17	CAMPGROUNDS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C17	CAMPGROUNDS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C17	CAMPGROUNDS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C17	CAMPGROUNDS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C17	CAMPGROUNDS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C17	CAMPGROUNDS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C17	CAMPGROUNDS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C17	CAMPGROUNDS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C17	CAMPGROUNDS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C17	CAMPGROUNDS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C17	CAMPGROUNDS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C17	CAMPGROUNDS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C17	CAMPGROUNDS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C17	CAMPGROUNDS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C17	CAMPGROUNDS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C17	CAMPGROUNDS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C18	FLEX MALL BLDG	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C18	FLEX MALL BLDG	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C18	FLEX MALL BLDG	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C18	FLEX MALL BLDG	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C18	FLEX MALL BLDG	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C18	FLEX MALL BLDG	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C18	FLEX MALL BLDG	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C18	FLEX MALL BLDG	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C18	FLEX MALL BLDG	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C18	FLEX MALL BLDG	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C18	FLEX MALL BLDG	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C18	FLEX MALL BLDG	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C18	FLEX MALL BLDG	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C18	FLEX MALL BLDG	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C18	FLEX MALL BLDG	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C18	FLEX MALL BLDG	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C18	FLEX MALL BLDG	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C18	FLEX MALL BLDG	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F100	100% FORCED AIR	C25	INDUSTRIAL	AA+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	11.96	30.3225
F100	100% FORCED AIR	C25	INDUSTRIAL	AA	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	9.2	23.325
F100	100% FORCED AIR	C25	INDUSTRIAL	AA-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	7.36	18.66
F100	100% FORCED AIR	C25	INDUSTRIAL	A+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	6.44	16.3275
F100	100% FORCED AIR	C25	INDUSTRIAL	A	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	5.704	14.4615
F100	100% FORCED AIR	C25	INDUSTRIAL	A-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	5.336	13.5285
F100	100% FORCED AIR	C25	INDUSTRIAL	B+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.968	12.5955
F100	100% FORCED AIR	C25	INDUSTRIAL	B	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.7104	11.9424
F100	100% FORCED AIR	C25	INDUSTRIAL	B-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	4.416	11.196
F100	100% FORCED AIR	C25	INDUSTRIAL	C+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	4.048	10.263
F100	100% FORCED AIR	C25	INDUSTRIAL	C	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.68	9.33
F100	100% FORCED AIR	C25	INDUSTRIAL	C-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	3.496	8.8635
F100	100% FORCED AIR	C25	INDUSTRIAL	D+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	3.312	8.397
F100	100% FORCED AIR	C25	INDUSTRIAL	D	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	3.128	7.9305
F100	100% FORCED AIR	C25	INDUSTRIAL	D-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.76	6.9975

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F100	100% FORCED AIR	C25	INDUSTRIAL	E+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.392	6.0645
F100	100% FORCED AIR	C25	INDUSTRIAL	E	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.024	5.1315
F100	100% FORCED AIR	C25	INDUSTRIAL	E-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.656	4.1985
F	PARTIAL FORCED AIR	C01	APARTMENTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C01	APARTMENTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C01	APARTMENTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C01	APARTMENTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C01	APARTMENTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C01	APARTMENTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C01	APARTMENTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C01	APARTMENTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C01	APARTMENTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C01	APARTMENTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C01	APARTMENTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C01	APARTMENTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C01	APARTMENTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C01	APARTMENTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C01	APARTMENTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C01	APARTMENTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C01	APARTMENTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C01	APARTMENTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C02	AUTOMOTIVE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C03	BANKS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C03	BANKS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C03	BANKS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C03	BANKS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C03	BANKS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C03	BANKS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C03	BANKS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C03	BANKS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C03	BANKS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C03	BANKS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C03	BANKS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C03	BANKS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C03	BANKS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C03	BANKS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C03	BANKS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C03	BANKS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C03	BANKS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C03	BANKS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C04	BEAUTYBARBER SHOP	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C05	CHURCH	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C05	CHURCH	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C05	CHURCH	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C05	CHURCH	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C05	CHURCH	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C05	CHURCH	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C05	CHURCH	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C05	CHURCH	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C05	CHURCH	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C05	CHURCH	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C05	CHURCH	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C05	CHURCH	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C05	CHURCH	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C05	CHURCH	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C05	CHURCH	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C05	CHURCH	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C05	CHURCH	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C05	CHURCH	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C06	BROADCASTING FACILIT	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C08	DAY CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C08	DAY CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C08	DAY CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C08	DAY CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C08	DAY CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C08	DAY CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C08	DAY CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C08	DAY CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C08	DAY CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C08	DAY CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C08	DAY CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C08	DAY CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C08	DAY CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C08	DAY CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C08	DAY CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C08	DAY CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C08	DAY CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C08	DAY CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C09	PACKING HOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C10	FUNERAL HOME	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C11	GARAGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C11	GARAGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C11	GARAGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C11	GARAGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C11	GARAGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C11	GARAGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C11	GARAGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C11	GARAGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C11	GARAGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C11	GARAGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C11	GARAGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C11	GARAGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C11	GARAGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C11	GARAGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C11	GARAGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C11	GARAGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C11	GARAGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C11	GARAGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C12	GREENHOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C12	GREENHOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C12	GREENHOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C12	GREENHOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C12	GREENHOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C12	GREENHOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C12	GREENHOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C12	GREENHOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C12	GREENHOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C12	GREENHOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C12	GREENHOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C12	GREENHOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C12	GREENHOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C12	GREENHOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C12	GREENHOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C12	GREENHOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C12	GREENHOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C12	GREENHOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C13	GROUP HOUSING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C14	GOVERNMENTAL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C15	EDUCATIONAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C16	PARKING DECK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C16	PARKING DECK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C16	PARKING DECK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C16	PARKING DECK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C16	PARKING DECK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C16	PARKING DECK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C16	PARKING DECK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C16	PARKING DECK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C16	PARKING DECK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C16	PARKING DECK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C16	PARKING DECK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C16	PARKING DECK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C16	PARKING DECK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C16	PARKING DECK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C16	PARKING DECK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C16	PARKING DECK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C16	PARKING DECK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C16	PARKING DECK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C17	CAMPGROUNDS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C18	FLEX MALL BLDG	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C19	SHOOTING RANGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C20	HEALTH CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C20	HEALTH CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C20	HEALTH CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C20	HEALTH CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C20	HEALTH CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C20	HEALTH CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C20	HEALTH CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C20	HEALTH CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C20	HEALTH CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C20	HEALTH CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C20	HEALTH CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C20	HEALTH CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C20	HEALTH CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C20	HEALTH CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C20	HEALTH CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C20	HEALTH CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C20	HEALTH CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C20	HEALTH CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C23	HOTEL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C23	HOTEL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C23	HOTEL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C23	HOTEL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C23	HOTEL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C23	HOTEL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C23	HOTEL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C23	HOTEL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C23	HOTEL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C23	HOTEL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C23	HOTEL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C23	HOTEL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C23	HOTEL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C23	HOTEL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C23	HOTEL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C23	HOTEL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C23	HOTEL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C23	HOTEL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C24	LODGING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C26	LAUNDERING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C27	LUMBER YARD	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C27	LUMBER YARD	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C27	LUMBER YARD	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C27	LUMBER YARD	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C27	LUMBER YARD	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C27	LUMBER YARD	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C27	LUMBER YARD	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C27	LUMBER YARD	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C27	LUMBER YARD	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C27	LUMBER YARD	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C27	LUMBER YARD	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C27	LUMBER YARD	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C27	LUMBER YARD	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C27	LUMBER YARD	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C27	LUMBER YARD	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C27	LUMBER YARD	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C27	LUMBER YARD	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C27	LUMBER YARD	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C30	MANUFACTURING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C30	MANUFACTURING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C30	MANUFACTURING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C30	MANUFACTURING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C30	MANUFACTURING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C30	MANUFACTURING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C30	MANUFACTURING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C30	MANUFACTURING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C30	MANUFACTURING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C30	MANUFACTURING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C30	MANUFACTURING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C30	MANUFACTURING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C30	MANUFACTURING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C30	MANUFACTURING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C30	MANUFACTURING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C30	MANUFACTURING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C30	MANUFACTURING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C30	MANUFACTURING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C35	MARKETS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C35	MARKETS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C35	MARKETS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C35	MARKETS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C35	MARKETS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C35	MARKETS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C35	MARKETS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C35	MARKETS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C35	MARKETS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C35	MARKETS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C35	MARKETS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C35	MARKETS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C35	MARKETS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C35	MARKETS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C35	MARKETS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C35	MARKETS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C35	MARKETS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C35	MARKETS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C50	MISCELLANEOUS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C54	KENNELS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C54	KENNELS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C54	KENNELS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C54	KENNELS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C54	KENNELS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C54	KENNELS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C54	KENNELS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C54	KENNELS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C54	KENNELS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C54	KENNELS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C54	KENNELS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C54	KENNELS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C54	KENNELS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C54	KENNELS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C54	KENNELS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C54	KENNELS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C54	KENNELS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C54	KENNELS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C57	LOFTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C57	LOFTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C57	LOFTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C57	LOFTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C57	LOFTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C57	LOFTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C57	LOFTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C57	LOFTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C57	LOFTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C57	LOFTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C57	LOFTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C57	LOFTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C57	LOFTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C57	LOFTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C57	LOFTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C57	LOFTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C57	LOFTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C57	LOFTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C60	OFFICES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C60	OFFICES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C60	OFFICES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C60	OFFICES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C60	OFFICES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C60	OFFICES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C60	OFFICES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C60	OFFICES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C60	OFFICES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C60	OFFICES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C60	OFFICES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C60	OFFICES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C60	OFFICES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C60	OFFICES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C60	OFFICES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C60	OFFICES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C60	OFFICES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C60	OFFICES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C61	MEDICAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C62	VETERINARIAN OFF	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C70	WINERY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C70	WINERY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C70	WINERY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C70	WINERY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C70	WINERY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C70	WINERY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C70	WINERY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C70	WINERY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C70	WINERY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C70	WINERY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C70	WINERY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C70	WINERY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C70	WINERY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C70	WINERY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C70	WINERY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C70	WINERY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C70	WINERY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C70	WINERY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C75	RECREATION	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C75	RECREATION	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C75	RECREATION	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C75	RECREATION	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C75	RECREATION	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C75	RECREATION	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C75	RECREATION	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C75	RECREATION	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C75	RECREATION	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C75	RECREATION	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C75	RECREATION	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C75	RECREATION	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C75	RECREATION	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C75	RECREATION	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C75	RECREATION	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C75	RECREATION	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C75	RECREATION	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C75	RECREATION	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C76	RECREATION (OUTDOOR)	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C80	RESTAURANTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C80	RESTAURANTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C80	RESTAURANTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C80	RESTAURANTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C80	RESTAURANTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C80	RESTAURANTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C80	RESTAURANTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C80	RESTAURANTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C80	RESTAURANTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C80	RESTAURANTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C80	RESTAURANTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C80	RESTAURANTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C80	RESTAURANTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C80	RESTAURANTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C80	RESTAURANTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C80	RESTAURANTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C80	RESTAURANTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C80	RESTAURANTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C81	RETAIL BUILDINGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C82	SHOPPING CENTERS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C84	WAREHOUSES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C84	WAREHOUSES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C84	WAREHOUSES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C84	WAREHOUSES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C84	WAREHOUSES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C84	WAREHOUSES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C84	WAREHOUSES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C84	WAREHOUSES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C84	WAREHOUSES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C84	WAREHOUSES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C84	WAREHOUSES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C84	WAREHOUSES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C84	WAREHOUSES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C84	WAREHOUSES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C84	WAREHOUSES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C84	WAREHOUSES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C84	WAREHOUSES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C84	WAREHOUSES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C87	THEATER	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C87	THEATER	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C87	THEATER	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C87	THEATER	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C87	THEATER	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C87	THEATER	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C87	THEATER	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C87	THEATER	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C87	THEATER	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C87	THEATER	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C87	THEATER	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C87	THEATER	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C87	THEATER	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C87	THEATER	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C87	THEATER	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C87	THEATER	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C87	THEATER	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C87	THEATER	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
F	PARTIAL FORCED AIR	C89	SHIPPING DOCK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN100	100% CENTRAL	C25	INDUSTRIAL	AA+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	11.96	30.3225
CEN100	100% CENTRAL	C25	INDUSTRIAL	AA	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	9.2	23.325
CEN100	100% CENTRAL	C25	INDUSTRIAL	AA-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	7.36	18.66
CEN100	100% CENTRAL	C25	INDUSTRIAL	A+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	6.44	16.3275
CEN100	100% CENTRAL	C25	INDUSTRIAL	A	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	5.704	14.4615

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN100	100% CENTRAL	C25	INDUSTRIAL	A-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	5.336	13.5285
CEN100	100% CENTRAL	C25	INDUSTRIAL	B+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.968	12.5955
CEN100	100% CENTRAL	C25	INDUSTRIAL	B	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.7104	11.9424
CEN100	100% CENTRAL	C25	INDUSTRIAL	B-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	4.416	11.196
CEN100	100% CENTRAL	C25	INDUSTRIAL	C+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	4.048	10.263
CEN100	100% CENTRAL	C25	INDUSTRIAL	C	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.68	9.33
CEN100	100% CENTRAL	C25	INDUSTRIAL	C-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	3.496	8.8635
CEN100	100% CENTRAL	C25	INDUSTRIAL	D+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	3.312	8.397
CEN100	100% CENTRAL	C25	INDUSTRIAL	D	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	3.128	7.9305
CEN100	100% CENTRAL	C25	INDUSTRIAL	D-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.76	6.9975
CEN100	100% CENTRAL	C25	INDUSTRIAL	E+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.392	6.0645
CEN100	100% CENTRAL	C25	INDUSTRIAL	E	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.024	5.1315
CEN100	100% CENTRAL	C25	INDUSTRIAL	E-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.656	4.1985
CEN	PARTIAL CENTRAL	C01	APARTMENTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C01	APARTMENTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C01	APARTMENTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C01	APARTMENTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C01	APARTMENTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C01	APARTMENTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C01	APARTMENTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C01	APARTMENTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C01	APARTMENTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C01	APARTMENTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C01	APARTMENTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C01	APARTMENTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C01	APARTMENTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C01	APARTMENTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C01	APARTMENTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C01	APARTMENTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C01	APARTMENTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C01	APARTMENTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C02	AUTOMOTIVE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C03	BANKS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C03	BANKS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C03	BANKS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C03	BANKS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C03	BANKS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C03	BANKS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C03	BANKS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C03	BANKS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C03	BANKS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C03	BANKS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C03	BANKS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C03	BANKS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C03	BANKS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C03	BANKS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C03	BANKS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C03	BANKS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C03	BANKS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C03	BANKS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C04	BEAUTYBARBER SHOP	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C05	CHURCH	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C05	CHURCH	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C05	CHURCH	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C05	CHURCH	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C05	CHURCH	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C05	CHURCH	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C05	CHURCH	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C05	CHURCH	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C05	CHURCH	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C05	CHURCH	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C05	CHURCH	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C05	CHURCH	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C05	CHURCH	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C05	CHURCH	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C05	CHURCH	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C05	CHURCH	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C05	CHURCH	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C05	CHURCH	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C06	BROADCASTING FACILIT	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C08	DAY CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C08	DAY CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C08	DAY CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C08	DAY CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C08	DAY CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C08	DAY CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C08	DAY CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C08	DAY CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C08	DAY CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C08	DAY CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C08	DAY CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C08	DAY CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C08	DAY CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C08	DAY CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C08	DAY CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C08	DAY CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C08	DAY CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C08	DAY CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C09	PACKING HOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C10	FUNERAL HOME	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C11	GARAGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C11	GARAGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C11	GARAGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C11	GARAGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C11	GARAGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C11	GARAGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C11	GARAGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C11	GARAGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C11	GARAGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C11	GARAGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C11	GARAGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C11	GARAGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C11	GARAGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C11	GARAGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C11	GARAGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C11	GARAGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C11	GARAGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C11	GARAGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C12	GREENHOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C13	GROUP HOUSING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C14	GOVERNMENTAL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C15	EDUCATIONAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C16	PARKING DECK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C16	PARKING DECK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C16	PARKING DECK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C16	PARKING DECK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C16	PARKING DECK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C16	PARKING DECK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C16	PARKING DECK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C16	PARKING DECK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C16	PARKING DECK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C16	PARKING DECK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C16	PARKING DECK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C16	PARKING DECK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C16	PARKING DECK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C16	PARKING DECK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C16	PARKING DECK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C16	PARKING DECK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C16	PARKING DECK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C16	PARKING DECK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C17	CAMPGROUNDS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C18	FLEX MALL BLDG	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C19	SHOOTING RANGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C20	HEALTH CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C23	HOTEL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C23	HOTEL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C23	HOTEL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C23	HOTEL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C23	HOTEL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C23	HOTEL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C23	HOTEL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C23	HOTEL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C23	HOTEL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C23	HOTEL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C23	HOTEL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C23	HOTEL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C23	HOTEL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C23	HOTEL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C23	HOTEL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C23	HOTEL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C23	HOTEL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C23	HOTEL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C24	LODGING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C26	LAUNDERING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C27	LUMBER YARD	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C30	MANUFACTURING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C35	MARKETS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C35	MARKETS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C35	MARKETS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C35	MARKETS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C35	MARKETS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C35	MARKETS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C35	MARKETS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C35	MARKETS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C35	MARKETS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C35	MARKETS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C35	MARKETS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C35	MARKETS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C35	MARKETS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C35	MARKETS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C35	MARKETS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C35	MARKETS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C35	MARKETS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C35	MARKETS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C50	MISCELLANEOUS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C54	KENNELS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C54	KENNELS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C54	KENNELS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C54	KENNELS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C54	KENNELS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C54	KENNELS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C54	KENNELS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C54	KENNELS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C54	KENNELS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C54	KENNELS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C54	KENNELS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C54	KENNELS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C54	KENNELS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C54	KENNELS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C54	KENNELS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C54	KENNELS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C54	KENNELS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C54	KENNELS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C57	LOFTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C57	LOFTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C57	LOFTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C57	LOFTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C57	LOFTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C57	LOFTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C57	LOFTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C57	LOFTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C57	LOFTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C57	LOFTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C57	LOFTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C57	LOFTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C57	LOFTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C57	LOFTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C57	LOFTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C57	LOFTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C57	LOFTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C57	LOFTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C60	OFFICES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C60	OFFICES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C60	OFFICES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C60	OFFICES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C60	OFFICES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C60	OFFICES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C60	OFFICES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C60	OFFICES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C60	OFFICES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C60	OFFICES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C60	OFFICES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C60	OFFICES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C60	OFFICES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C60	OFFICES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C60	OFFICES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C60	OFFICES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C60	OFFICES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C60	OFFICES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C61	MEDICAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C62	VETERINARIAN OFF	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C70	WINERY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C70	WINERY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C70	WINERY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C70	WINERY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C70	WINERY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C70	WINERY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C70	WINERY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C70	WINERY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C70	WINERY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C70	WINERY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C70	WINERY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C70	WINERY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C70	WINERY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C70	WINERY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C70	WINERY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C70	WINERY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C70	WINERY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C70	WINERY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C75	RECREATION	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C75	RECREATION	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C75	RECREATION	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C75	RECREATION	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C75	RECREATION	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C75	RECREATION	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C75	RECREATION	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C75	RECREATION	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C75	RECREATION	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C75	RECREATION	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C75	RECREATION	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C75	RECREATION	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C75	RECREATION	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C75	RECREATION	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C75	RECREATION	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C75	RECREATION	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C75	RECREATION	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C75	RECREATION	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C76	RECREATION (OUTDOOR)	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C80	RESTAURANTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C81	RETAIL BUILDINGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C82	SHOPPING CENTERS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C84	WAREHOUSES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C87	THEATER	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C87	THEATER	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C87	THEATER	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C87	THEATER	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C87	THEATER	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C87	THEATER	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C87	THEATER	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C87	THEATER	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C87	THEATER	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C87	THEATER	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C87	THEATER	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C87	THEATER	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C87	THEATER	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
CEN	PARTIAL CENTRAL	C87	THEATER	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C87	THEATER	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C87	THEATER	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C87	THEATER	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C87	THEATER	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
CEN	PARTIAL CENTRAL	C89	SHIPPING DOCK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C01	APARTMENTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C01	APARTMENTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C01	APARTMENTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C01	APARTMENTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C01	APARTMENTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C01	APARTMENTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C01	APARTMENTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C01	APARTMENTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C01	APARTMENTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C01	APARTMENTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C01	APARTMENTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C01	APARTMENTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C01	APARTMENTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C01	APARTMENTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C01	APARTMENTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C01	APARTMENTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C01	APARTMENTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C01	APARTMENTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C02	AUTOMOTIVE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C03	BANKS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C03	BANKS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C03	BANKS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C03	BANKS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C03	BANKS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C03	BANKS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C03	BANKS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C03	BANKS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C03	BANKS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C03	BANKS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C03	BANKS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C03	BANKS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C03	BANKS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C03	BANKS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C03	BANKS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C03	BANKS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C03	BANKS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C03	BANKS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C04	BEAUTYBARBER SHOP	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C05	CHURCH	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C05	CHURCH	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C05	CHURCH	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C05	CHURCH	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C05	CHURCH	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C05	CHURCH	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C05	CHURCH	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C05	CHURCH	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C05	CHURCH	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C05	CHURCH	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C05	CHURCH	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C05	CHURCH	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C05	CHURCH	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C05	CHURCH	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C05	CHURCH	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C05	CHURCH	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C05	CHURCH	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C05	CHURCH	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C06	BROADCASTING FACILIT	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C08	DAY CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C08	DAY CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C08	DAY CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C08	DAY CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C08	DAY CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C08	DAY CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C08	DAY CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C08	DAY CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C08	DAY CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C08	DAY CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C08	DAY CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C08	DAY CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C08	DAY CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C08	DAY CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C08	DAY CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C08	DAY CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C08	DAY CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C08	DAY CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C09	PACKING HOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C10	FUNERAL HOME	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C11	GARAGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C11	GARAGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C11	GARAGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C11	GARAGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C11	GARAGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C11	GARAGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C11	GARAGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C11	GARAGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C11	GARAGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C11	GARAGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C11	GARAGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C11	GARAGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C11	GARAGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C11	GARAGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C11	GARAGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C11	GARAGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C11	GARAGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C11	GARAGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C12	GREENHOUSE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C13	GROUP HOUSING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C14	GOVERNMENTAL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C15	EDUCATIONAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C16	PARKING DECK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C16	PARKING DECK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C16	PARKING DECK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C16	PARKING DECK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C16	PARKING DECK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C16	PARKING DECK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C16	PARKING DECK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C16	PARKING DECK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C16	PARKING DECK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C16	PARKING DECK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C16	PARKING DECK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C16	PARKING DECK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C16	PARKING DECK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C16	PARKING DECK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C16	PARKING DECK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C16	PARKING DECK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C16	PARKING DECK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C16	PARKING DECK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C17	CAMPGROUNDS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C18	FLEX MALL BLDG	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C19	SHOOTING RANGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C20	HEALTH CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C23	HOTEL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C23	HOTEL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C23	HOTEL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C23	HOTEL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C23	HOTEL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C23	HOTEL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C23	HOTEL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C23	HOTEL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C23	HOTEL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C23	HOTEL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C23	HOTEL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C23	HOTEL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C23	HOTEL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C23	HOTEL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C23	HOTEL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C23	HOTEL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C23	HOTEL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C23	HOTEL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C24	LODGING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C26	LAUNDERING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C27	LUMBER YARD	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C30	MANUFACTURING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C35	MARKETS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C35	MARKETS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C35	MARKETS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C35	MARKETS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C35	MARKETS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C35	MARKETS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C35	MARKETS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C35	MARKETS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C35	MARKETS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C35	MARKETS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C35	MARKETS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C35	MARKETS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C35	MARKETS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C35	MARKETS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C35	MARKETS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C35	MARKETS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C35	MARKETS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C35	MARKETS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C50	MISCELLANEOUS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C54	KENNELS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C54	KENNELS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C54	KENNELS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C54	KENNELS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C54	KENNELS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C54	KENNELS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C54	KENNELS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C54	KENNELS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C54	KENNELS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C54	KENNELS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C54	KENNELS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C54	KENNELS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C54	KENNELS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C54	KENNELS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C54	KENNELS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C54	KENNELS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C54	KENNELS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C54	KENNELS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C57	LOFTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C57	LOFTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C57	LOFTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C57	LOFTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C57	LOFTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C57	LOFTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C57	LOFTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C57	LOFTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C57	LOFTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C57	LOFTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C57	LOFTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C57	LOFTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C57	LOFTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C57	LOFTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C57	LOFTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C57	LOFTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C57	LOFTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C57	LOFTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C60	OFFICES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C60	OFFICES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C60	OFFICES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C60	OFFICES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C60	OFFICES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C60	OFFICES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C60	OFFICES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C60	OFFICES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C60	OFFICES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C60	OFFICES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C60	OFFICES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C60	OFFICES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C60	OFFICES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C60	OFFICES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C60	OFFICES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C60	OFFICES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C60	OFFICES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C60	OFFICES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C61	MEDICAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C62	VETERINARIAN OFF	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C70	WINERY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C70	WINERY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C70	WINERY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C70	WINERY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C70	WINERY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C70	WINERY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C70	WINERY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C70	WINERY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C70	WINERY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C70	WINERY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C70	WINERY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C70	WINERY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C70	WINERY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C70	WINERY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C70	WINERY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C70	WINERY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C70	WINERY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C70	WINERY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C75	RECREATION	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C75	RECREATION	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C75	RECREATION	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C75	RECREATION	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C75	RECREATION	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C75	RECREATION	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C75	RECREATION	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C75	RECREATION	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C75	RECREATION	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C75	RECREATION	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C75	RECREATION	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C75	RECREATION	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C75	RECREATION	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C75	RECREATION	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C75	RECREATION	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C75	RECREATION	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C75	RECREATION	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C75	RECREATION	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C76	RECREATION (OUTDOOR)	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C80	RESTAURANTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C81	RETAIL BUILDINGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C82	SHOPPING CENTERS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C84	WAREHOUSES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C87	THEATER	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C87	THEATER	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C87	THEATER	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C87	THEATER	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C87	THEATER	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C87	THEATER	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C87	THEATER	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C87	THEATER	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C87	THEATER	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C87	THEATER	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C87	THEATER	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C87	THEATER	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C87	THEATER	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C87	THEATER	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C87	THEATER	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C87	THEATER	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C87	THEATER	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C87	THEATER	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
P	PARTIAL HEAT PUMP	C89	SHIPPING DOCK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
H	STEAM/HOT WATER	C25	INDUSTRIAL	AA+	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	10.2375	26
H	STEAM/HOT WATER	C25	INDUSTRIAL	AA	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	7.875	20
H	STEAM/HOT WATER	C25	INDUSTRIAL	AA-	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	6.3	16

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
H	STEAM/HOT WATER	C25	INDUSTRIAL	A+	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	5.5125	14
H	STEAM/HOT WATER	C25	INDUSTRIAL	A	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	4.8825	12.4
H	STEAM/HOT WATER	C25	INDUSTRIAL	A-	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	4.5675	11.6
H	STEAM/HOT WATER	C25	INDUSTRIAL	B+	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.2525	10.8
H	STEAM/HOT WATER	C25	INDUSTRIAL	B	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.032	10.24
H	STEAM/HOT WATER	C25	INDUSTRIAL	B-	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	3.78	9.6
H	STEAM/HOT WATER	C25	INDUSTRIAL	C+	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	3.465	8.8
H	STEAM/HOT WATER	C25	INDUSTRIAL	C	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.15	8
H	STEAM/HOT WATER	C25	INDUSTRIAL	C-	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	2.9925	7.6
H	STEAM/HOT WATER	C25	INDUSTRIAL	D+	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	2.835	7.2
H	STEAM/HOT WATER	C25	INDUSTRIAL	D	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	2.6775	6.8
H	STEAM/HOT WATER	C25	INDUSTRIAL	D-	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.3625	6
H	STEAM/HOT WATER	C25	INDUSTRIAL	E+	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.0475	5.2
H	STEAM/HOT WATER	C25	INDUSTRIAL	E	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	1.7325	4.4
H	STEAM/HOT WATER	C25	INDUSTRIAL	E-	3 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.4175	3.6
P100	100% HEAT PUMP	C25	INDUSTRIAL	AA+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	11.96	30.3225
P100	100% HEAT PUMP	C25	INDUSTRIAL	AA	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	9.2	23.325
P100	100% HEAT PUMP	C25	INDUSTRIAL	AA-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	7.36	18.66
P100	100% HEAT PUMP	C25	INDUSTRIAL	A+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	6.44	16.3275
P100	100% HEAT PUMP	C25	INDUSTRIAL	A	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	5.704	14.4615
P100	100% HEAT PUMP	C25	INDUSTRIAL	A-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	5.336	13.5285
P100	100% HEAT PUMP	C25	INDUSTRIAL	B+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.968	12.5955
P100	100% HEAT PUMP	C25	INDUSTRIAL	B	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.7104	11.9424
P100	100% HEAT PUMP	C25	INDUSTRIAL	B-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	4.416	11.196
P100	100% HEAT PUMP	C25	INDUSTRIAL	C+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	4.048	10.263
P100	100% HEAT PUMP	C25	INDUSTRIAL	C	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.68	9.33
P100	100% HEAT PUMP	C25	INDUSTRIAL	C-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	3.496	8.8635
P100	100% HEAT PUMP	C25	INDUSTRIAL	D+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	3.312	8.397

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P100	100% HEAT PUMP	C25	INDUSTRIAL	D	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	3.128	7.9305
P100	100% HEAT PUMP	C25	INDUSTRIAL	D-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.76	6.9975
P100	100% HEAT PUMP	C25	INDUSTRIAL	E+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.392	6.0645
P100	100% HEAT PUMP	C25	INDUSTRIAL	E	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.024	5.1315
P100	100% HEAT PUMP	C25	INDUSTRIAL	E-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.656	4.1985
U	UNIT HEATERS	C25	INDUSTRIAL	AA+	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	5.135	13
U	UNIT HEATERS	C25	INDUSTRIAL	AA	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	3.95	10
U	UNIT HEATERS	C25	INDUSTRIAL	AA-	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	3.16	8
U	UNIT HEATERS	C25	INDUSTRIAL	A+	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	2.765	7
U	UNIT HEATERS	C25	INDUSTRIAL	A	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	2.449	6.2
U	UNIT HEATERS	C25	INDUSTRIAL	A-	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	2.291	5.8
U	UNIT HEATERS	C25	INDUSTRIAL	B+	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	2.133	5.4
U	UNIT HEATERS	C25	INDUSTRIAL	B	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	2.0224	5.12
U	UNIT HEATERS	C25	INDUSTRIAL	B-	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	1.896	4.8
U	UNIT HEATERS	C25	INDUSTRIAL	C+	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	1.738	4.4
U	UNIT HEATERS	C25	INDUSTRIAL	C	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	1.58	4
U	UNIT HEATERS	C25	INDUSTRIAL	C-	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	1.501	3.8
U	UNIT HEATERS	C25	INDUSTRIAL	D+	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	1.422	3.6
U	UNIT HEATERS	C25	INDUSTRIAL	D	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	1.343	3.4
U	UNIT HEATERS	C25	INDUSTRIAL	D-	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	1.185	3
U	UNIT HEATERS	C25	INDUSTRIAL	E+	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	1.027	2.6
U	UNIT HEATERS	C25	INDUSTRIAL	E	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	0.869	2.2
U	UNIT HEATERS	C25	INDUSTRIAL	E-	1.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	0.711	1.8
N	NONE	C19	SHOOTING RANGE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C19	SHOOTING RANGE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C19	SHOOTING RANGE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C19	SHOOTING RANGE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C19	SHOOTING RANGE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C19	SHOOTING RANGE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C19	SHOOTING RANGE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C19	SHOOTING RANGE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C19	SHOOTING RANGE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C19	SHOOTING RANGE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C19	SHOOTING RANGE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C19	SHOOTING RANGE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C19	SHOOTING RANGE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C19	SHOOTING RANGE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C19	SHOOTING RANGE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C19	SHOOTING RANGE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C19	SHOOTING RANGE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C19	SHOOTING RANGE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C20	HEALTH CARE	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C20	HEALTH CARE	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C20	HEALTH CARE	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C20	HEALTH CARE	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C20	HEALTH CARE	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C20	HEALTH CARE	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C20	HEALTH CARE	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C20	HEALTH CARE	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C20	HEALTH CARE	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C20	HEALTH CARE	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C20	HEALTH CARE	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C20	HEALTH CARE	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C20	HEALTH CARE	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C20	HEALTH CARE	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C20	HEALTH CARE	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C20	HEALTH CARE	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C20	HEALTH CARE	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C20	HEALTH CARE	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C23	HOTEL	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C23	HOTEL	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C23	HOTEL	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C23	HOTEL	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C23	HOTEL	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C23	HOTEL	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C23	HOTEL	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C23	HOTEL	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C23	HOTEL	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C23	HOTEL	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C23	HOTEL	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C23	HOTEL	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C23	HOTEL	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C23	HOTEL	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C23	HOTEL	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C23	HOTEL	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C23	HOTEL	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C23	HOTEL	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C24	LODGING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C24	LODGING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C24	LODGING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C24	LODGING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C24	LODGING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C24	LODGING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C24	LODGING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C24	LODGING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C24	LODGING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C24	LODGING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C24	LODGING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C24	LODGING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C24	LODGING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C24	LODGING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C24	LODGING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C24	LODGING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C24	LODGING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C24	LODGING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C26	LAUNDERING FACILITY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C26	LAUNDERING FACILITY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C26	LAUNDERING FACILITY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C26	LAUNDERING FACILITY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C26	LAUNDERING FACILITY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C26	LAUNDERING FACILITY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C26	LAUNDERING FACILITY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C26	LAUNDERING FACILITY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C26	LAUNDERING FACILITY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C26	LAUNDERING FACILITY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C26	LAUNDERING FACILITY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C26	LAUNDERING FACILITY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C26	LAUNDERING FACILITY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C26	LAUNDERING FACILITY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C26	LAUNDERING FACILITY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C26	LAUNDERING FACILITY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C26	LAUNDERING FACILITY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C26	LAUNDERING FACILITY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C27	LUMBER YARD	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C27	LUMBER YARD	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C27	LUMBER YARD	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C27	LUMBER YARD	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C27	LUMBER YARD	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C27	LUMBER YARD	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C27	LUMBER YARD	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C27	LUMBER YARD	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C27	LUMBER YARD	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C27	LUMBER YARD	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C27	LUMBER YARD	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C27	LUMBER YARD	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C27	LUMBER YARD	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C27	LUMBER YARD	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C27	LUMBER YARD	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C27	LUMBER YARD	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C27	LUMBER YARD	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C27	LUMBER YARD	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C30	MANUFACTURING	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C30	MANUFACTURING	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C30	MANUFACTURING	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C30	MANUFACTURING	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C30	MANUFACTURING	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C30	MANUFACTURING	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C30	MANUFACTURING	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C30	MANUFACTURING	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C30	MANUFACTURING	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C30	MANUFACTURING	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C30	MANUFACTURING	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C30	MANUFACTURING	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C30	MANUFACTURING	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C30	MANUFACTURING	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C30	MANUFACTURING	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C30	MANUFACTURING	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C30	MANUFACTURING	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C30	MANUFACTURING	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C35	MARKETS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C35	MARKETS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C35	MARKETS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C35	MARKETS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C35	MARKETS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C35	MARKETS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C35	MARKETS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C35	MARKETS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C35	MARKETS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C35	MARKETS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C35	MARKETS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C35	MARKETS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C35	MARKETS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C35	MARKETS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C35	MARKETS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C35	MARKETS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C35	MARKETS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C35	MARKETS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C50	MISCELLANEOUS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C50	MISCELLANEOUS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C50	MISCELLANEOUS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C50	MISCELLANEOUS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C50	MISCELLANEOUS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C50	MISCELLANEOUS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C50	MISCELLANEOUS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C50	MISCELLANEOUS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C50	MISCELLANEOUS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C50	MISCELLANEOUS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C50	MISCELLANEOUS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C50	MISCELLANEOUS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C50	MISCELLANEOUS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C50	MISCELLANEOUS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C50	MISCELLANEOUS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C50	MISCELLANEOUS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C50	MISCELLANEOUS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C50	MISCELLANEOUS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C54	KENNELS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C54	KENNELS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C54	KENNELS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C54	KENNELS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C54	KENNELS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C54	KENNELS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C54	KENNELS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C54	KENNELS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C54	KENNELS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C54	KENNELS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C54	KENNELS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C54	KENNELS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C54	KENNELS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C54	KENNELS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C54	KENNELS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C54	KENNELS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C54	KENNELS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C54	KENNELS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C57	LOFTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C57	LOFTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C57	LOFTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C57	LOFTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C57	LOFTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C57	LOFTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C57	LOFTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C57	LOFTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C57	LOFTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C57	LOFTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C57	LOFTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C57	LOFTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C57	LOFTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C57	LOFTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C57	LOFTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C57	LOFTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C57	LOFTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C57	LOFTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C60	OFFICES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C60	OFFICES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C60	OFFICES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C60	OFFICES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C60	OFFICES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C60	OFFICES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C60	OFFICES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C60	OFFICES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C60	OFFICES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C60	OFFICES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C60	OFFICES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C60	OFFICES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C60	OFFICES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C60	OFFICES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C60	OFFICES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C60	OFFICES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C60	OFFICES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C60	OFFICES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C61	MEDICAL BLDGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C61	MEDICAL BLDGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C61	MEDICAL BLDGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C61	MEDICAL BLDGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C61	MEDICAL BLDGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C61	MEDICAL BLDGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C61	MEDICAL BLDGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C61	MEDICAL BLDGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C61	MEDICAL BLDGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C61	MEDICAL BLDGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C61	MEDICAL BLDGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C61	MEDICAL BLDGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C61	MEDICAL BLDGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C61	MEDICAL BLDGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C61	MEDICAL BLDGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C61	MEDICAL BLDGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C61	MEDICAL BLDGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C61	MEDICAL BLDGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C62	VETERINARIAN OFF	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C62	VETERINARIAN OFF	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C62	VETERINARIAN OFF	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C62	VETERINARIAN OFF	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C62	VETERINARIAN OFF	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C62	VETERINARIAN OFF	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C62	VETERINARIAN OFF	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C62	VETERINARIAN OFF	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C62	VETERINARIAN OFF	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C62	VETERINARIAN OFF	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C62	VETERINARIAN OFF	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C62	VETERINARIAN OFF	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C62	VETERINARIAN OFF	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C62	VETERINARIAN OFF	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C62	VETERINARIAN OFF	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C62	VETERINARIAN OFF	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C62	VETERINARIAN OFF	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C62	VETERINARIAN OFF	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C70	WINERY	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C70	WINERY	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C70	WINERY	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C70	WINERY	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C70	WINERY	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C70	WINERY	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C70	WINERY	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C70	WINERY	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C70	WINERY	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C70	WINERY	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C70	WINERY	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C70	WINERY	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C70	WINERY	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C70	WINERY	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C70	WINERY	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C70	WINERY	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C70	WINERY	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C70	WINERY	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C75	RECREATION	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C75	RECREATION	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C75	RECREATION	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C75	RECREATION	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C75	RECREATION	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C75	RECREATION	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C75	RECREATION	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C75	RECREATION	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C75	RECREATION	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C75	RECREATION	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C75	RECREATION	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C75	RECREATION	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C75	RECREATION	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C75	RECREATION	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C75	RECREATION	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C75	RECREATION	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C75	RECREATION	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C75	RECREATION	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C76	RECREATION (OUTDOOR)	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C76	RECREATION (OUTDOOR)	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C76	RECREATION (OUTDOOR)	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C76	RECREATION (OUTDOOR)	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C76	RECREATION (OUTDOOR)	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C76	RECREATION (OUTDOOR)	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C76	RECREATION (OUTDOOR)	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C76	RECREATION (OUTDOOR)	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C76	RECREATION (OUTDOOR)	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C76	RECREATION (OUTDOOR)	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C76	RECREATION (OUTDOOR)	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C76	RECREATION (OUTDOOR)	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C76	RECREATION (OUTDOOR)	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C76	RECREATION (OUTDOOR)	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C76	RECREATION (OUTDOOR)	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C76	RECREATION (OUTDOOR)	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C76	RECREATION (OUTDOOR)	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C76	RECREATION (OUTDOOR)	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C80	RESTAURANTS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C80	RESTAURANTS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C80	RESTAURANTS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C80	RESTAURANTS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C80	RESTAURANTS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C80	RESTAURANTS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C80	RESTAURANTS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C80	RESTAURANTS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C80	RESTAURANTS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C80	RESTAURANTS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C80	RESTAURANTS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C80	RESTAURANTS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C80	RESTAURANTS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C80	RESTAURANTS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C80	RESTAURANTS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C80	RESTAURANTS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C80	RESTAURANTS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C80	RESTAURANTS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C81	RETAIL BUILDINGS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C81	RETAIL BUILDINGS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C81	RETAIL BUILDINGS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C81	RETAIL BUILDINGS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C81	RETAIL BUILDINGS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C81	RETAIL BUILDINGS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C81	RETAIL BUILDINGS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C81	RETAIL BUILDINGS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C81	RETAIL BUILDINGS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C81	RETAIL BUILDINGS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C81	RETAIL BUILDINGS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C81	RETAIL BUILDINGS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C81	RETAIL BUILDINGS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C81	RETAIL BUILDINGS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C81	RETAIL BUILDINGS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C81	RETAIL BUILDINGS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C81	RETAIL BUILDINGS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C81	RETAIL BUILDINGS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C82	SHOPPING CENTERS	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C82	SHOPPING CENTERS	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C82	SHOPPING CENTERS	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C82	SHOPPING CENTERS	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C82	SHOPPING CENTERS	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C82	SHOPPING CENTERS	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C82	SHOPPING CENTERS	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C82	SHOPPING CENTERS	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C82	SHOPPING CENTERS	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C82	SHOPPING CENTERS	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C82	SHOPPING CENTERS	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C82	SHOPPING CENTERS	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C82	SHOPPING CENTERS	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C82	SHOPPING CENTERS	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C82	SHOPPING CENTERS	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C82	SHOPPING CENTERS	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C82	SHOPPING CENTERS	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C82	SHOPPING CENTERS	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C84	WAREHOUSES	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C84	WAREHOUSES	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C84	WAREHOUSES	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C84	WAREHOUSES	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C84	WAREHOUSES	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C84	WAREHOUSES	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C84	WAREHOUSES	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C84	WAREHOUSES	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C84	WAREHOUSES	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C84	WAREHOUSES	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C84	WAREHOUSES	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C84	WAREHOUSES	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C84	WAREHOUSES	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C84	WAREHOUSES	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C84	WAREHOUSES	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C84	WAREHOUSES	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C84	WAREHOUSES	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C84	WAREHOUSES	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C87	THEATER	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96
N	NONE	C87	THEATER	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C87	THEATER	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C87	THEATER	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C87	THEATER	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C87	THEATER	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C87	THEATER	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C87	THEATER	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C87	THEATER	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C87	THEATER	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C87	THEATER	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C87	THEATER	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C87	THEATER	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C87	THEATER	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C87	THEATER	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C87	THEATER	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C87	THEATER	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C87	THEATER	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
N	NONE	C89	SHIPPING DOCK	AA+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	-30.3225	-11.96

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
N	NONE	C89	SHIPPING DOCK	AA	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	-23.325	-9.2
N	NONE	C89	SHIPPING DOCK	AA-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	-18.66	-7.36
N	NONE	C89	SHIPPING DOCK	A+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	-16.3275	-6.44
N	NONE	C89	SHIPPING DOCK	A	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	-14.4615	-5.704
N	NONE	C89	SHIPPING DOCK	A-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	-13.5285	-5.336
N	NONE	C89	SHIPPING DOCK	B+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	-12.5955	-4.968
N	NONE	C89	SHIPPING DOCK	B	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	-11.9424	-4.7104
N	NONE	C89	SHIPPING DOCK	B-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	-11.196	-4.416
N	NONE	C89	SHIPPING DOCK	C+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	-10.263	-4.048
N	NONE	C89	SHIPPING DOCK	C	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	-9.33	-3.68
N	NONE	C89	SHIPPING DOCK	C-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	-8.8635	-3.496
N	NONE	C89	SHIPPING DOCK	D+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	-8.397	-3.312
N	NONE	C89	SHIPPING DOCK	D	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	-7.9305	-3.128
N	NONE	C89	SHIPPING DOCK	D-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	-6.9975	-2.76
N	NONE	C89	SHIPPING DOCK	E+	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	-6.0645	-2.392
N	NONE	C89	SHIPPING DOCK	E	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	-5.1315	-2.024
N	NONE	C89	SHIPPING DOCK	E-	-3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	-4.1985	-1.656
F	PARTIAL FORCED AIR	C25	INDUSTRIAL		3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	3.68	9.33
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL		3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	3.68	9.33
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL		3.5 * (5 / ([AREA] / [PERIMETER]) + 1)	3.68	9.33
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	AA+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	11.96	30.3225
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	AA	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	9.2	23.325
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	AA-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	7.36	18.66
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	A+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	6.44	16.3275
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	A	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	5.704	14.4615
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	A-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	5.336	13.5285
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	B+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.968	12.5955
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	B	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.7104	11.9424

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	B-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	4.416	11.196
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	C+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	4.048	10.263
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	C	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.68	9.33
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	C-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	3.496	8.8635
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	D+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	3.312	8.397
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	D	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	3.128	7.9305
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	D-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.76	6.9975
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	E+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.392	6.0645
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	E	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.024	5.1315
F	PARTIAL FORCED AIR	C25	INDUSTRIAL	E-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.656	4.1985
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	AA+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	11.96	30.3225
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	AA	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	9.2	23.325
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	AA-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	7.36	18.66
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	A+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	6.44	16.3275
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	A	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	5.704	14.4615
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	A-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	5.336	13.5285
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	B+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.968	12.5955
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	B	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.7104	11.9424
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	B-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	4.416	11.196
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	C+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	4.048	10.263
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	C	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.68	9.33
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	C-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	3.496	8.8635
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	D+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	3.312	8.397
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	D	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	3.128	7.9305
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	D-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.76	6.9975
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	E+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.392	6.0645
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	E	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.024	5.1315
CEN	PARTIAL CENTRAL	C25	INDUSTRIAL	E-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.656	4.1985

Table C7: Commercial Heating Adjustment (Continued)

FEATURE CODE	FEATURE CODE DESCRIPTION	OCCUPANCY TYPE	OCCUPANCY TYPE DESCRIPTION	QUALITY	FORMULA TEXT	MINIMUM RATE	MAXIMUM RATE
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	AA+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	11.96	30.3225
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	AA	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	9.2	23.325
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	AA-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	7.36	18.66
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	A+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	6.44	16.3275
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	A	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	5.704	14.4615
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	A-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	5.336	13.5285
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	B+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	4.968	12.5955
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	B	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	4.7104	11.9424
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	B-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	4.416	11.196
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	C+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	4.048	10.263
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	C	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	3.68	9.33
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	C-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	3.496	8.8635
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	D+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	3.312	8.397
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	D	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	3.128	7.9305
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	D-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	2.76	6.9975
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	E+	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	2.392	6.0645
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	E	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	2.024	5.1315
P	PARTIAL HEAT PUMP	C25	INDUSTRIAL	E-	3.5 * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.656	4.1985

Table C8: Commercial Elevator Pricing Model

QUALITY	ELEVATOR PRICING MODEL
	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000)
AA+	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 3.250000
AA	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 2.500000
AA-	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 2.000000
A+	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.750000
A	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.550000
A-	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.450000
B+	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.350000
B	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.280000
B-	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.200000
C+	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.100000
C	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 1.000000
C-	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.950000
D+	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.900000
D	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.850000
D-	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.750000
E+	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.650000
E	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.550000
E-	((1.1 ^ ([NUMBER OF STORIES] - 1)) * [FREIGHT ELEVATORS] * 55000) + ((1.1 ^ ([NUMBER OF STORIES] - 1)) * [PASSENGER ELEVATORS] * 63000) * 0.450000

Table C9: Commercial Fireplace Pricing Model

QUALITY	FIREPLACE PRICING MODEL
	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500)
AA+	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 3.250000
AA	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 2.500000
AA-	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 2.000000
A+	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.750000
A	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.550000
A-	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.450000
B+	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.350000
B	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.280000
B-	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.200000
C+	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.100000
C	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 1.000000
C-	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.950000
D+	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.900000
D	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.850000
D-	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.750000
E+	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.650000
E	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.550000
E-	([# FIREPLACE OPENINGS] * 2500) + ([# FFIREPLACE STACKS] * 3500) * 0.450000

Table C10: Commercial Building Sprinkler Pricing Model

QUALITY	SPRINKLER PRICING MODEL	MINIMUM RATE	MAXIMUM RATE
	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1)	2.360000	6.000000
AA+	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 3.250000	7.670000	19.500000
AA	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 2.500000	5.900000	15.000000
AA-	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 2.000000	4.720000	12.000000
A+	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.750000	4.130000	10.500000
A	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.550000	3.658000	9.300000
A-	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.450000	3.422000	8.700000
B+	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.350000	3.186000	8.100000
B	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.280000	3.020800	7.680000
B-	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.200000	2.832000	7.200000
C+	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.100000	2.596000	6.600000
C	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 1.000000	2.360000	6.000000
C-	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.950000	2.242000	5.700000
D+	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.900000	2.124000	5.400000
D	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.850000	2.006000	5.100000
D-	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.750000	1.770000	4.500000
E+	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.650000	1.534000	3.900000
E	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.550000	1.298000	3.300000
E-	2.25 * ([SPRINKLER %] / 100) * (5 / ([AREA] / [PERIMETER]) + 1) * 0.450000	1.062000	2.700000

Table C11: Commercial Additions Pricing

COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE	COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE
OPEN OFFICE (LOWER) | LOWER-601	62.00	HIGH SCHOOL (LOWER) | LOWER-152	150.00
VETERINARY OFFICE (LOWER) | LOWER-604	128.00	MIDDLE SCHOOL (LOWER) | LOWER-151	145.00
GENERAL OFFICE (LOWER) | LOWER-600	109.00	ELEMENTARY SCHOOL (LOWER) | LOWER-150	151.00
DECK (LOWER) | LOWER-561	15.00	APARTMENTS-MIXED-USE (LOWER) | LOWER-15	76.00
LOFTS (LOWER) | LOWER-577	65.00	LIBRARY (LOWER) | LOWER-144	139.00
FELLOWSHIP HALL (LOWER) | LOWER-52	122.00	LAWENFORCEMENT CENTER (LOWER) | LOWER-145	226.00
UT (LOWER) | LOWER-531	30.00	FIRE DEPARTMENT (LOWER) | LOWER-143	155.00
SCREEN PORCH (LOWER) | LOWER-506	32.00	COURTHOUSE (LOWER) | LOWER-142	180.00
RELIGIOUS EDUCATION (LOWER) | LOWER-51	114.00	VOLUNTEER FIRE DEPARTMENT (LOWER) | LOWER-140	81.00
OPEN PORCH (LOWER) | LOWER-504	34.00	RECTORIES (LOWER) | LOWER-132	109.00
ENCLOSED PORCH (LOWER) | LOWER-505	44.00	DORMITORIES (LOWER) | LOWER-131	95.00
PATIO (LOWER) | LOWER-503	9.00	GROUP HOMES (LOWER) | LOWER-130	109.00
MISC STORAGE (LOWER) | LOWER-502	31.00	APARTMENTS-CONVERTED (LOWER) | LOWER-13	76.00
CHURCHES (LOWER) | LOWER-50	161.00	APARTMENTS-GARDEN (LOWER) | LOWER-11	76.00
STOOP (LOWER) | LOWER-501	8.00	APARTMENTS-TOWNHOUSE (LOWER) | LOWER-12	157.00
LODGES (LOWER) | LOWER-244	89.00	FUNERAL HOME CONVERTED (LOWER) | LOWER-101	78.00
BED & BREAKFAST (LOWER) | LOWER-245	100.00	FUNERAL HOME (LOWER) | LOWER-100	115.00
EXTENDED-STAY FACILITIES (LOWER) | LOWER-242	86.00	FINISHED BASEMENT | FB	55.00
HOTEL (LOWER) | LOWER-241	136.00	BASEMENT UNFINISHED | BU	27.00
MOTELS (LOWER) | LOWER-240	91.00	PARTLY FINISHED ATTIC | ATTFPF	40.00
NURSING HOMES (LOWER) | LOWER-204	134.00	FULLY FINISHED ATTIC | ATTFFF	40.00
OUTPATIENT CENTER (LOWER) | LOWER-205	260.00	BASEMENT FINISHED | BF	62.00
HOSPITAL (LOWER) | LOWER-203	232.00	UNFINISHED ATTIC | ATTFUF	12.00
ELDERLY ASSISTED LIVING (LOWER) | LOWER-202	95.00	FULLY FINISHED BASEMENT | BSMTFF	55.00
MEDICAL CLINICS (LOWER) | LOWER-200	130.00	UNFINISHED BASEMENT | BSMTUF	22.00
HOME FOR THE ELDERLY (LOWER) | LOWER-201	95.00	PARTLY FINISHED BASEMENT | BSMTPF	62.00
CAMP DINING HALL (LOWER) | LOWER-173	78.00	COTTAGES (MAIN) | MAIN-243	94.00
CAMP OFFICE (LOWER) | LOWER-172	80.00	LODGES (MAIN) | MAIN-244	94.00
CABIN (LOWER) | LOWER-170	48.00	HOTEL (MAIN) | MAIN-241	144.00
WALK-UP APARTMENTS (LOWER) | LOWER-16	78.00	EXTENDED-STAY FACILITIES (MAIN) | MAIN-242	91.00
APARTMENTS-HIGH-RISE (LOWER) | LOWER-17	66.00	FULL-SERVICE CARWASH (MAIN) | MAIN-24	115.00
VOCATIONAL BUILDINGS (LOWER) | LOWER-158	129.00	MOTELS (MAIN) | MAIN-240	96.00
TECHNOLOGY BUILDINGS (LOWER) | LOWER-157	171.00	DRIVE-THRU CARWASH (MAIN) | MAIN-23	101.00
MULTI PURPOSE BUILDINGS (LOWER) | LOWER-156	133.00	POOL ENCLOSURES (MAIN) | MAIN-239	52.00

Table C11: Commercial Additions Pricing (Continued)

COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE	COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE
COLLEGE CLASSROOMS (LOWER) | LOWER-155	152.00	AUTO DEALERSHIP SERVICE (MAIN) | MAIN-21	50.00
ADMINISTRATION OFFICES (LOWER) | LOWER-153	130.00	SELF SERVICE CARWASH (MAIN) | MAIN-22	76.00
LIBRARIES (LOWER) | LOWER-154	139.00	NURSING HOMES (MAIN) | MAIN-204	141.00
OUTPATIENT CENTER (MAIN) | MAIN-205	273.00	GREENHOUSE-LOW QUALITY (MAIN) | MAIN-120	5.00
HOSPITAL (MAIN) | MAIN-203	245.00	APARTMENTS-TOWNHOUSE (MAIN) | MAIN-12	165.00
ELDERLY ASSISTED LIVING (MAIN) | MAIN-202	100.00	GARAGE-WORKSHOP (MAIN) | MAIN-112	40.00
HOME FOR THE ELDERLY (MAIN) | MAIN-201	100.00	GARAGE-STORAGE (MAIN) | MAIN-111	40.00
MEDICAL CLINICS (MAIN) | MAIN-200	136.00	GARAGE-PARKING (MAIN) | MAIN-110	45.00
AUTO DEALERSHIP SHOWROOM (MAIN) | MAIN-20	100.00	APARTMENTS-GARDEN (MAIN) | MAIN-11	80.00
FLEX MALL BLDG (MAIN) | MAIN-180	60.00	MAUSOLEUM (MAIN) | MAIN-102	95.00
CAMP DINING HALL (MAIN) | MAIN-173	82.00	FUNERAL HOME CONVERTED (MAIN) | MAIN-101	82.00
CAMP OFFICE (MAIN) | MAIN-172	85.00	FUNERAL HOME (MAIN) | MAIN-100	121.00
CABIN (MAIN) | MAIN-170	51.00	FRATERNAL BUILDING (LOWER) | LOWER-757	105.00
APARTMENTS-HIGH-RISE (MAIN) | MAIN-17	70.00	WINERY (LOWER) | LOWER-701	100.00
PARKING DECK (MAIN) | MAIN-160	65.00	WINERY SHOPS (LOWER) | LOWER-700	105.00
WALK-UP APARTMENTS (MAIN) | MAIN-16	82.00	CONVERTED OFFICE (LOWER) | LOWER-606	88.00
TECHNOLOGY BUILDINGS (MAIN) | MAIN-157	180.00	SPORTSPLEX (LOWER) | LOWER-764	62.00
VOCATIONAL BUILDINGS (MAIN) | MAIN-158	136.00	APARTMENTS-MULTI-UNITS (MAIN) | MAIN-10	80.00
LIBRARIES (MAIN) | MAIN-154	146.00	GENERAL RETAIL (LOWER) | LOWER-810	84.00
COLLEGE CLASSROOMS (MAIN) | MAIN-155	160.00	SOCIAL CLUB (MAIN) | MAIN-754	75.00
MULTI PURPOSE BUILDINGS (MAIN) | MAIN-156	140.00	ICE SKATING RINK (MAIN) | MAIN-753	120.00
HIGH SCHOOL (MAIN) | MAIN-152	157.00	GYMNASIUM (MAIN) | MAIN-751	105.00
ADMINISTRATION OFFICES (MAIN) | MAIN-153	137.00	ROLLER SKATING RINK (MAIN) | MAIN-752	112.00
MIDDLE SCHOOL (MAIN) | MAIN-151	152.00	WINERY SHOPS (MAIN) | MAIN-700	111.00
ELEMENTARY SCHOOL (MAIN) | MAIN-150	159.00	WINERY (MAIN) | MAIN-701	105.00
APARTMENTS-MIXED-USE (MAIN) | MAIN-15	80.00	BOWLING ALLEY (MAIN) | MAIN-750	78.00
JAIL (MAIN) | MAIN-147	250.00	DENTAL CLINIC (MAIN) | MAIN-613	150.00
POST OFFICE (MAIN) | MAIN-146	120.00	ROW OFFICE (MAIN) | MAIN-608	100.00
LAWENFORCEMENT CENTER (MAIN) | MAIN-145	237.00	CONVERTED OFFICE (MAIN) | MAIN-606	93.00
LIBRARY (MAIN) | MAIN-144	146.00	OFFICE ENCLOSURE (MAIN) | MAIN-607	48.00
FIRE DEPARTMENT (MAIN) | MAIN-143	162.00	CONVERTED MEDICAL OFFICE (MAIN) | MAIN-603	125.00
COURTHOUSE (MAIN) | MAIN-142	189.00	VETERINARY OFFICE (MAIN) | MAIN-604	134.00
ARMORY (MAIN) | MAIN-141	121.00	OPEN OFFICE (MAIN) | MAIN-601	65.00
VOLUNTEER FIRE DEPARTMENT (MAIN) | MAIN-140	85.00	MEDICAL OFFICE (MAIN) | MAIN-602	145.00

Table C11: Commercial Additions Pricing (Continued)

COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE	COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE
RECTORIES (MAIN) | MAIN-132	115.00	BROADCASTING FACILITY (MAIN) | MAIN-60	135.00
DORMITORIES (MAIN) | MAIN-131	100.00	GENERAL OFFICE (MAIN) | MAIN-600	115.00
GROUP HOMES (MAIN) | MAIN-130	115.00	TRAINWELL (MAIN) | MAIN-5836	9.00
APARTMENTS-CONVERTED (MAIN) | MAIN-13	80.00	ATRIUM (MAIN) | MAIN-595	120.00
GREENHOUSE-GOOD (MAIN) | MAIN-122	17.00	COVERED LOADING DOCK (MAIN) | MAIN-5833	36.00
GREENHOUSE-AVERAGE (MAIN) | MAIN-121	9.00	TRUCKWELL (MAIN) | MAIN-5835	14.00
BANK CANOPY (MAIN) | MAIN-582	54.00	DRY CLEANERS (MAIN) | MAIN-260	78.00
LOADING DOCK (MAIN) | MAIN-5832	27.00	AUTO SERVICE CENTER (MAIN) | MAIN-26	73.00
LOFTS (MAIN) | MAIN-577	65.00	MEDIUM INDUSTRIAL (MAIN) | MAIN-252	55.00
CARPORT (MAIN) | MAIN-573	20.00	HEAVY INDUSTRIAL (MAIN) | MAIN-250	90.00
STORAGE MEZZANINE (MAIN) | MAIN-5672	22.00	LIGHT INDUSTRIAL (MAIN) | MAIN-251	43.00
DISPLAY MEZZANINE (MAIN) | MAIN-5673	40.00	BED & BREAKFAST (MAIN) | MAIN-245	105.00
DECK (MAIN) | MAIN-561	18.00	MINI LUBE (MAIN) | MAIN-25	85.00
OFFICE MEZZANINE (MAIN) | MAIN-5671	45.00	MINI STORAGE (MAIN) | MAIN-841	43.00
KENNELS (MAIN) | MAIN-541	85.00	HANGERS (MAIN) | MAIN-840	35.00
GLASS ENCLOSURE (MAIN) | MAIN-537	40.00	T-HANGERS (MAIN) | MAIN-839	40.00
UT (MAIN) | MAIN-531	32.00	MIXED-USE RETAIL (MAIN) | MAIN-827	70.00
CANOPY/SLAB (MAIN) | MAIN-524	20.00	MALL SHOPPING CENTER (MAIN) | MAIN-826	100.00
CANOPY (MAIN) | MAIN-523	15.00	STRIP SHOPPING CENTER (MAIN) | MAIN-825	90.00
FELLOWSHIP HALL (MAIN) | MAIN-52	129.00	HOME IMPROVEMENT WAREHOUSE (MAIN) | MAIN-819	60.00
ATTACHED GARAGE (MAIN) | MAIN-519	44.00	MODULAR DAYCARE (MAIN) | MAIN-82	65.00
SCREEN PORCH (MAIN) | MAIN-506	35.00	DISCOUNT SUPER CENTER (MAIN) | MAIN-818	55.00
RELIGIOUS EDUCATION (MAIN) | MAIN-51	120.00	DRUG STORES (MAIN) | MAIN-817	110.00
ENCLOSED PORCH (MAIN) | MAIN-505	47.00	ROW RETAIL (MAIN) | MAIN-814	100.00
OPEN PORCH (MAIN) | MAIN-504	35.00	DISCOUNT STORE (MAIN) | MAIN-813	65.00
PATIO (MAIN) | MAIN-503	9.00	CONVERTED RETAIL (MAIN) | MAIN-816	82.00
MISC STORAGE (MAIN) | MAIN-502	35.00	RETAIL ENCLOSURE (MAIN) | MAIN-811	40.00
STOOP (MAIN) | MAIN-501	8.00	DEPARTMENT STORE (MAIN) | MAIN-812	116.00
CHURCHES (MAIN) | MAIN-50	170.00	CONVERTED DAYCARE (MAIN) | MAIN-81	90.00
BARBER/BEAUTY SHOP (MAIN) | MAIN-40	80.00	GENERAL RETAIL (MAIN) | MAIN-810	88.00
MULTI-USE CONV STORE (MAIN) | MAIN-353	157.00	TRUCK STOP REST (MAIN) | MAIN-806	142.00
SUPERMARKET (MAIN) | MAIN-354	77.00	RETAIL SHOWROOM (MAIN) | MAIN-809	55.00
RURAL CONV STORE (MAIN) | MAIN-352	50.00	DINER (MAIN) | MAIN-804	100.00
MINI MARTS (MAIN) | MAIN-350	157.00	FAST FOOD (MAIN) | MAIN-805	143.00

Table C11: Commercial Additions Pricing (Continued)

COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE	COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE
MODULAR BANK (MAIN) | MAIN-32	95.00	CAFETERIA STYLE (MAIN) | MAIN-802	124.00
DRIVE-THRU (MAIN) | MAIN-33	350.00	MODULAR RESTAURANT (MAIN) | MAIN-803	227.00
BRANCH BANK (MAIN) | MAIN-31	185.00	BARS (MAIN) | MAIN-801	108.00
HIGH RISE BANK (MAIN) | MAIN-30	145.00	RESTAURANTS (MAIN) | MAIN-800	134.00
PAINT/BODY SHOP (MAIN) | MAIN-28	56.00	SPORTSPLEX (MAIN) | MAIN-764	65.00
STORAGE BUILDING (MAIN) | MAIN-271	20.00	DAYCARE (MAIN) | MAIN-80	139.00
SHOWROOM (MAIN) | MAIN-270	55.00	RACQUETBALL CLUB (MAIN) | MAIN-761	95.00
SERVICE STATION (MAIN) | MAIN-27	120.00	INDOOR TENNIS CLUB (MAIN) | MAIN-760	65.00
LAUNDROMAT (MAIN) | MAIN-261	74.00	COMMUNITY CENTER (MAIN) | MAIN-759	90.00
GOLF CLUBHOUSE (MAIN) | MAIN-758	120.00	OPEN PORCH (UPPER) | UPPER-504	34.00
APARTMENT CLUBHOUSE (MAIN) | MAIN-756	80.00	MISC STORAGE (UPPER) | UPPER-502	31.00
FRATERNAL BUILDING (MAIN) | MAIN-757	111.00	ROW STORAGE (UPPER) | UPPER-400	36.00
FITNESS CENTER (MAIN) | MAIN-755	65.00	CHURCHES (UPPER) | UPPER-50	161.00
ELEMENTARY SCHOOL (UPPER) | UPPER-150	151.00	BRANCH BANK (UPPER) | UPPER-31	175.00
MIDDLE SCHOOL (UPPER) | UPPER-151	145.00	BED & BREAKFAST (UPPER) | UPPER-245	100.00
LAWENFORCEMENT CENTER (UPPER) | UPPER-145	226.00	LODGES (UPPER) | UPPER-244	89.00
APARTMENTS-MIXED-USE (UPPER) | UPPER-15	76.00	EXTENDED-STAY FACILITIES (UPPER) | UPPER-242	86.00
FIRE DEPARTMENT (UPPER) | UPPER-143	155.00	HOTEL (UPPER) | UPPER-241	136.00
LIBRARY (UPPER) | UPPER-144	139.00	MOTELS (UPPER) | UPPER-240	91.00
VOLUNTEER FIRE DEPARTMENT (UPPER) | UPPER-140	81.00	NURSING HOMES (UPPER) | UPPER-204	134.00
COURTHOUSE (UPPER) | UPPER-142	180.00	OUTPATIENT CENTER (UPPER) | UPPER-205	260.00
DORMITORIES (UPPER) | UPPER-131	95.00	ELDERLY ASSISTED LIVING (UPPER) | UPPER-202	95.00
RECTORIES (UPPER) | UPPER-132	109.00	HOSPITAL (UPPER) | UPPER-203	232.00
APARTMENTS-CONVERTED (UPPER) | UPPER-13	76.00	MEDICAL CLINICS (UPPER) | UPPER-200	130.00
GROUP HOMES (UPPER) | UPPER-130	109.00	HOME FOR THE ELDERLY (UPPER) | UPPER-201	95.00
APARTMENTS-GARDEN (UPPER) | UPPER-11	76.00	CAMP OFFICE (UPPER) | UPPER-172	80.00
APARTMENTS-TOWNHOUSE (UPPER) | UPPER-12	157.00	CAMP DINING HALL (UPPER) | UPPER-173	78.00
FUNERAL HOME (UPPER) | UPPER-100	115.00	APARTMENTS-HIGH-RISE (UPPER) | UPPER-17	66.00
FUNERAL HOME CONVERTED (UPPER) | UPPER-101	78.00	CABIN (UPPER) | UPPER-170	48.00
AUDITORIUM (MAIN) | MAIN-870	135.00	VOCATIONAL BUILDINGS (UPPER) | UPPER-158	129.00
MEGA DISTRIBUTION WAREHOUSE (MAIN) | MAIN-849	40.00	WALK-UP APARTMENTS (UPPER) | UPPER-16	78.00
FRAME/METAL WAREHOUSE (MAIN) | MAIN-847	35.00	MULTI PURPOSE BUILDINGS (UPPER) | UPPER-156	133.00
CONCRETE BLOCK WAREHOUSE (MAIN) | MAIN-848	40.00	TECHNOLOGY BUILDINGS (UPPER) | UPPER-157	171.00
METAL WAREHOUSE (MAIN) | MAIN-846	40.00	LIBRARIES (UPPER) | UPPER-154	139.00

Table C11: Commercial Additions Pricing (Continued)

COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE	COMMERCIAL ADDITION DESCRIPTION	ADDITION BASE RATE
TRANSIT WAREHOUSE (MAIN) | MAIN-845	60.00	COLLEGE CLASSROOMS (UPPER) | UPPER-155	152.00
COLD STORAGE (MAIN) | MAIN-843	68.00	HIGH SCHOOL (UPPER) | UPPER-152	150.00
DISTRIBUTION WAREHOUSE (MAIN) | MAIN-844	45.00	ADMINISTRATION OFFICES (UPPER) | UPPER-153	130.00
CLIMATE CONTROL MINI-WAREHOUSE (MAIN) | MAIN-842	48.00	FRATERNAL BUILDING (UPPER) | UPPER-757	105.00
UNFINISHED BASEMENT | UB	22.00	FITNESS CENTER (UPPER) | UPPER-755	61.00
PACKING HOUSE (MAIN) | MAIN-90	38.00	WINERY (UPPER) | UPPER-701	100.00
MOVIE THEATER (MAIN) | MAIN-871	114.00	WINERY SHOPS (UPPER) | UPPER-700	105.00
PLAYHOUSE (MAIN) | MAIN-873	125.00	ROW OFFICE (UPPER) | UPPER-608	105.00
RELIGIOUS EDUCATION (UPPER) | UPPER-51	114.00	CONVERTED OFFICE (UPPER) | UPPER-606	88.00
FELLOWSHIP HALL (UPPER) | UPPER-52	122.00	OPEN OFFICE (UPPER) | UPPER-601	62.00
ENCLOSED PORCH (UPPER) | UPPER-505	44.00	VETERINARY OFFICE (UPPER) | UPPER-604	128.00
SCREEN PORCH (UPPER) | UPPER-506	32.00	LOFTS (UPPER) | UPPER-577	65.00
GENERAL OFFICE (UPPER) | UPPER-600	109.00		
UPPER FLOOR-OPEN UNFINISHED (UPPER) | UPPER-569	34.00		
UPPER FLOOR-STORAGE (UPPER) | UPPER-570	22.00		
UPPER FLOOR-OFFICE (UPPER) | UPPER-566	115.00		
UPPER FLOOR OPEN-FINISHED (UPPER) | UPPER-568	55.00		
UT (UPPER) | UPPER-531	30.00		
DECK (UPPER) | UPPER-561	15.00		
GENERAL RETAIL (UPPER) | UPPER-810	84.00		
SPORTSPLEX (UPPER) | UPPER-764	62.00		
ATTIC UNFINISHED (UPPER) | UPPER-AU	9.00		
ATTIC FINISHED (UPPER) | UPPER-AF	40.00		

Table D1: Miscellaneous Improvements Base Price

MISCELLANEOUS IMPROVEMENT CODE	LONG DESCRIPTION	SHORT DESCRIPTION	BASE PRICE
112	ARENA	ARENA	$ 13
200D	ASPHALT PAVING OVER 10000 SF	PAVING OVER 10000 SF	$ 1.25
200C	ASPHALT PAVING UP TO 10000 SF	PAVING UP TO 10000SF	$ 1.55
200A	ASPHALT PAVING UP TO 3000 SF	PAVING UP TO 3000 SF	$ 2.50
200B	ASPHALT PAVING UP TO 5000 SF	PAVING UP TO 5000 SF	$ 1.90
28	BARN	BARN	$ 20
27	BARN / 2 STORY	BARN / 2 STORY	$ 36
21	BATH HOUSE	BATH HOUSE	$ 46
75	BOAT DOCK	BOAT DOCK	$ 27
64	BOAT HOUSE	BOAT HOUSE	$ 38
41	CABIN(S)	CABIN(S)	$ 50
59	CANOPY	CANOPY	$ 12
60	CARPORT	CARPORT	$ 20
TOW	CELL TOWER SITE	CELL TOWER SITE	$ 150,000
92	CEMETARY PLOT	CEMETARY PLOT	$ 800
109	CONCESSION STAND	CONCESSION STAND	$ 75
103	CONCRETE BUILDING	CONCRETE BUILDING	$ 17
201	CONCRETE PAVING	CONCRETE PAVING	$ 5
90	CRYPTS	CRYPTS	$ 1,200
67	DECK	DECK	$ 20
30	DETACHED GARAGE	DETACHED GARAGE	$ 42
GC8	DRIVING RANGE	DRIVING RANGE	$ 200
6	FARM BUILDING	FARM BUILDING	$ 14
202	FENCING	FENCING	$ 18
CF10	FENCING 10	FENCING 10	$ 20
CF6	FENCING 6	FENCING 6	$ 16
CF8	FENCING 8	FENCING 8	$ 18
111	GARAGE BARN	GARAGE BARN	$ 27
50	GARAGE UNIT	GARAGE UNIT	$ 42
101	GAS CANOPY	GAS CANOPY	$ 30
77	GAZEBO	GAZEBO	$ 37
GCP3	GOLF COURSE PAR 3	GOLF COURSE PAR 3	$ 39,000
GC1	GOLF COURSE-CLASS I	GOLF COURSE-CLASS I	$ 70,000
GC2	GOLF COURSE-CLASS II	GOLF COURSE-CLASS II	$ 96,000
GC3	GOLF COURSE-CLASS III	GOLFCOURSE-CLASS III	$ 152,000
GC4	GOLF COURSE-CLASS IV	GOLF COURSE-CLASS IV	$ 239,000

Table D1: Miscellaneous Improvements Base Price (Continued)

MISCELLANEOUS IMPROVEMENT CODE	LONG DESCRIPTION	SHORT DESCRIPTION	BASE PRICE
GCEC	GOLF COURSE-EXECUTIVE	GOLF COURSE EXEC	$ 61,000
GCPP	GOLF COURSE-PITCH & PUTT	GOLF COURSE-P/P	$ 38,000
55	GREENHOUSE-AVE	GREENHOUSE-AVE	$ 45
58	GREENHOUSE-ECONOMY	GREENHOUSE-ECONOMY	$ 9
57	GREENHOUSE-FAIR	GREENHOUSE-FAIR	$ 17
56	GREENHOUSE-GOOD	GREENHOUSE-GOOD	$ 55
107	GUARD HOUSE	GUARD HOUSE	$ 70
11	INFINITY POOL	INFINITY POOL	$ 80
10	LAP POOL	LAP POOL	$ 52
69	METAL / FRAME BUILDING	METAL/FRAME BUILDING	$ 14
29	METAL BARN	METAL BARN	$ 35
68	METAL BUILDING (RSF)	METAL BUILDING (RSF)	$ 19
GC6	MINI GOLF COURSE-AVERAGE QUALITY	MINI GOLF-AVE	$ 7,500
GC7	MINI GOLF COURSE-GOOD QUALITY	MINI GOLF-GOOD	$ 19,000
GC5	MINI GOLF COURSE-MINIMAL QUALITY	MINI GOLF-MIN	$ 3,500
99	MISC OR UNKNOWN	MISC OR UNKNOWN	$ 7
MHP2	MOBILE HOME PARK SITES-AVERAGE	MHP-AVE	$ 14,000
MHP4	MOBILE HOME PARK SITES-EXECELLENT	MHP-EXE	$ 26,000
MHP1	MOBILE HOME PARK SITES-FAIR	MHP-FAIR	$ 10,000
MHP3	MOBILE HOME PARK SITES-GOOD	MHP-GOOD	$ 20,000
91	NICHES	NICHES	$ 100
125	OUTDOOR FIREPLACE	OUTDOOR FIREPLACE	$ 3,000
121	OUTDOOR KITCHEN-AVERAGE	OUTDOOR KITCHEN-AV	$ 4,000
123	OUTDOOR KITCHEN-EXCELLENT	OUTDOOR KITCHEN-EXEC	$ 18,000
122	OUTDOOR KITCHEN-GOOD	OUTDOOR KITCHEN-GOOD	$ 8,000
19	PACKING HOUSE	PACKING HOUSE	$ 37
108	PATIO	PATIO	$ 8
124	PAVILION/ENCLOSED	PAVILION/ENCLOSED	$ 46
119	PAVILION/OPEN PARK	PAVILION/OPEN PARK	$ 32
118	POLE BUILDING	POLE BUILDING	$ 12
9	POOL ENCLOSURE	POOL ENCLOSURE	$ 40
105	PORCH	PORCH	$ 22
71	POULTRY HOUSE	POULTRY HOUSE	$ 10
117	QUONSET BUILDING	QUONSET BUILDING	$ 14
RVP	RV PARK SITES	RV PARK SITES	$ 8,750
120	SALES KIOSK	SALES KIOSK	$ 185

Table D1: Miscellaneous Improvements Base Price (Continued)

MISCELLANEOUS IMPROVEMENT CODE	LONG DESCRIPTION	SHORT DESCRIPTION	BASE PRICE
24	SHED-ONE SIDE OPEN	SHED-ONE SIDE OPEN	$ 11
23	SHED-OPEN SIDES	SHED-OPEN SIDES	$ 12
32	SHOP	SHOP	$ 30
102	SILO	SILO	$ 6,300
48	STABLE	STABLE	$ 32
8	SWIMMING POOL - VINYL-LINED	SWIMMING POOL - VINYL	$ 45
7	SWIMMING POOL - GUNITE	SWIMMING POOL-GUNITE	$ 60
52	TENNIS COURT	TENNIS COURT	$ 5
116	TERRACE	TERRACE	$ 15
83	UTILITY BLDG-FINISHED	UTILITY BLDG-FIN	$ 40
82	UTILITY BLDG-UNFINISHED	UTILITY BLDG-UNFIN	$ 13

Table D2: Miscellaneous Improvements Grade Adjustment

GRADE CODE	LONG DESCRIPTION	SHORT DESCRIPTION	ADJUSTMENT PERCENTAGE
AAA+	GRADE AAA+	GRADE AAA+	500
AAA	GRADE AAA	GRADE AAA	400
AA+	GRADE AA+	GRADE AA+	325
AA	GRADE AA	GRADE AA	250
AA-	GRADE AA-	GRADE AA-	200
A+	GRADE A+	GRADE A+	175
A	GRADE A	GRADE A	155
A-	GRADE A-	GRADE A-	145
B+	GRADE B+	GRADE B+	135
B	GRADE B	GRADE B	128
B-	GRADE B-	GRADE B-	120
C+	GRADE C+	GRADE C+	110
C	GRADE C	GRADE C	100
C-	GRADE C-	GRADE C-	95
D+	GRADE D+	GRADE D+	90
D	GRADE D	GRADE D	85
D-	GRADE D-	GRADE D-	75
E+	GRADE E+	GRADE E+	65
E	GRADE E	GRADE E	55
E-	GRADE E-	GRADE E-	45

Table D3: Miscellaneous Improvement Economic Life

MISCELLANEOUS IMPROVEMENT CODE	LONG DESCRIPTION	SHORT DESCRIPTION	DEPRECIATION ALLOWED?	LIFE
200D	ASPHALT PAVING OVER 10000 SF	PAVING OVER 10000 SF	Y	105
200C	ASPHALT PAVING UP TO 10000 SF	PAVING UP TO 10000SF	Y	105
200A	ASPHALT PAVING UP TO 3000 SF	PAVING UP TO 3000 SF	Y	105
200B	ASPHALT PAVING UP TO 5000 SF	PAVING UP TO 5000 SF	Y	105
28	BARN	BARN	Y	105
27	BARN / 2 STORY	BARN / 2 STORY	Y	105
21	BATH HOUSE	BATH HOUSE	Y	105
75	BOAT DOCK	BOAT DOCK	Y	105
64	BOAT HOUSE	BOAT HOUSE	Y	105
41	CABIN(S)	CABIN(S)	Y	105
59	CANOPY	CANOPY	Y	105
60	CARPORT	CARPORT	Y	105
TOW	CELL TOWER SITE	CELL TOWER SITE	N	105
92	CEMETARY PLOT	CEMETARY PLOT	N	105
109	CONCESSION STAND	CONCESSION STAND	Y	105
103	CONCRETE BUILDING	CONCRETE BUILDING	Y	105
201	CONCRETE PAVING	CONCRETE PAVING	Y	105
90	CRYPTS	CRYPTS	N	105
67	DECK	DECK	Y	105
30	DETACHED GARAGE	DETACHED GARAGE	Y	105
GC8	DRIVING RANGE	DRIVING RANGE	Y	105
6	FARM BUILDING	FARM BUILDING	Y	105
202	FENCING	FENCING	Y	105
CF10	FENCING 10	FENCING 10	Y	105
CF6	FENCING 6	FENCING 6	Y	105
CF8	FENCING 8	FENCING 8	Y	105
111	GARAGE BARN	GARAGE BARN	Y	105
50	GARAGE UNIT	GARAGE UNIT	Y	105
101	GAS CANOPY	GAS CANOPY	Y	105
77	GAZEBO	GAZEBO	Y	105
GCP3	GOLF COURSE PAR 3	GOLF COURSE PAR 3	Y	105
GC1	GOLF COURSE-CLASS I	GOLF COURSE-CLASS I	Y	105
GC2	GOLF COURSE-CLASS II	GOLF COURSE-CLASS II	Y	105
GC3	GOLF COURSE-CLASS III	GOLFCOURSE-CLASS III	Y	105
GC4	GOLF COURSE-CLASS IV	GOLF COURSE-CLASS IV	Y	105
GCEC	GOLF COURSE-EXECUTIVE	GOLF COURSE EXEC	Y	105
GCPP	GOLF COURSE-PITCH & PUTT	GOLF COURSE-P/P	Y	105

Table D3: Miscellaneous Improvement Economic Life (Continued)

MISCELLANEOUS IMPROVEMENT CODE	LONG DESCRIPTION	SHORT DESCRIPTION	DEPRECIATION ALLOWED?	LIFE
55	GREENHOUSE-AVE	GREENHOUSE-AVE	Y	105
58	GREENHOUSE-ECONOMY	GREENHOUSE-ECONOMY	Y	105
57	GREENHOUSE-FAIR	GREENHOUSE-FAIR	Y	105
56	GREENHOUSE-GOOD	GREENHOUSE-GOOD	Y	105
107	GUARD HOUSE	GUARD HOUSE	Y	105
11	INFINITY POOL	INFINITY POOL	Y	105
10	LAP POOL	LAP POOL	Y	105
69	METAL / FRAME BUILDING	METAL/FRAME BUILDING	Y	105
29	METAL BARN	METAL BARN	Y	105
68	METAL BUILDING (RSF)	METAL BUILDING (RSF)	Y	105
GC6	MINI GOLF COURSE-AVERAGE QUALITY	MINI GOLF-AVE	Y	105
GC7	MINI GOLF COURSE-GOOD QUALITY	MINI GOLF-GOOD	Y	105
GC5	MINI GOLF COURSE-MINIMAL QUALITY	MINI GOLF-MIN	Y	105
99	MISC OR UNKNOWN	MISC OR UNKNOWN	Y	105
MHP2	MOBILE HOME PARK SITES-AVERAGE	MHP-AVE	N	105
MHP4	MOBILE HOME PARK SITES-EXECELLENT	MHP-EXE	N	105
MHP1	MOBILE HOME PARK SITES-FAIR	MHP-FAIR	N	105
MHP3	MOBILE HOME PARK SITES-GOOD	MHP-GOOD	N	105
91	NICHES	NICHES	N	105
125	OUTDOOR FIREPLACE	OUTDOOR FIREPLACE	N	105
121	OUTDOOR KITCHEN-AVERAGE	OUTDOOR KITCHEN-AV	Y	105
123	OUTDOOR KITCHEN-EXCELLENT	OUTDOOR KITCHEN-EXEC	Y	105
122	OUTDOOR KITCHEN-GOOD	OUTDOOR KITCHEN-GOOD	Y	105
19	PACKING HOUSE	PACKING HOUSE	Y	105
108	PATIO	PATIO	Y	105
124	PAVILION/ENCLOSED	PAVILION/ENCLOSED	Y	105
119	PAVILION/OPEN PARK	PAVILION/OPEN PARK	Y	105
118	POLE BUILDING	POLE BUILDING	Y	105
9	POOL ENCLOSURE	POOL ENCLOSURE	Y	105
105	PORCH	PORCH	Y	105
71	POULTRY HOUSE	POULTRY HOUSE	Y	105
117	QUONSET BUILDING	QUONSET BUILDING	Y	105
RVP	RV PARK SITES	RV PARK SITES	N	105
120	SALES KIOSK	SALES KIOSK	Y	105
24	SHED-ONE SIDE OPEN	SHED-ONE SIDE OPEN	Y	105
23	SHED-OPEN SIDES	SHED-OPEN SIDES	Y	105

Table D3: Miscellaneous Improvement Economic Life (Continued)

MISCELLANEOUS IMPROVEMENT CODE	LONG DESCRIPTION	SHORT DESCRIPTION	DEPRECIATION ALLOWED?	LIFE
32	SHOP	SHOP	Y	105
102	SILO	SILO	Y	105
48	STABLE	STABLE	Y	105
8	SWIMMING POOL - VINYL-LINED	SWIMMING POOL - VINYL	Y	105
7	SWIMMING POOL - GUNITE	SWIMMING POOL-GUNITE	Y	105
52	TENNIS COURT	TENNIS COURT	Y	105
116	TERRACE	TERRACE	Y	105
83	UTILITY BLDG-FINISHED	UTILITY BLDG-FIN	Y	105
82	UTILITY BLDG-UNFINISHED	UTILITY BLDG-UNFIN	Y	105

Table D4: Miscellaneous Improvement Depreciation Schedule for 105 Year Life

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
2023	0	1	1	1	1	1	1	1	1
2022	1	2	2	2	2	2	2	2	2
2021	2	4	4	4	4	4	4	4	4
2020	3	6	6	6	6	6	6	6	6
2019	4	9	9	9	9	9	9	9	9
2018	5	12	12	12	12	12	12	12	12
2017	6	14	14	14	14	14	14	14	14
2016	7	17	17	17	17	17	17	17	17
2015	8	19	19	19	19	19	19	19	19
2014	9	22	22	22	22	22	22	22	22
2013	10	25	25	25	25	25	25	25	25
2012	11	28	28	28	28	28	28	28	28
2011	12	31	31	31	31	31	31	31	31
2010	13	34	34	34	34	34	34	34	34
2009	14	37	37	37	37	37	37	37	37
2008	15	40	40	40	40	40	40	40	40
2007	16	43	43	43	43	43	43	43	43
2006	17	46	46	46	46	46	46	46	46
2005	18	50	50	50	50	50	50	50	50
2004	19	53	53	53	53	53	53	53	53
2003	20	56	56	56	56	56	56	56	56
2002	21	59	59	59	59	59	59	59	59
2001	22	62	62	62	62	62	62	62	62
2000	23	65	65	65	65	65	65	65	65
1999	24	68	68	68	68	68	68	68	68
1998	25	71	71	71	71	71	71	71	71
1997	26	74	74	74	74	74	74	74	74
1996	27	75	75	75	75	75	75	75	75
1995	28	77	77	77	77	77	77	77	77
1994	29	78	78	78	78	78	78	78	78
1993	30	79	79	79	79	79	79	79	79
1992	31	79	79	79	79	79	79	79	79
1991	32	80	80	80	80	80	80	80	80
1990	33	80	80	80	80	80	80	80	80

Table D4: Miscellaneous Improvement Depreciation Schedule for 105 Year Life (Continued)

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
1989	34	80	80	80	80	80	80	80	80
1988	35	80	80	80	80	80	80	80	80
1987	36	80	80	80	80	80	80	80	80
1986	37	80	80	80	80	80	80	80	80
1985	38	80	80	80	80	80	80	80	80
1984	39	80	80	80	80	80	80	80	80
1983	40	80	80	80	80	80	80	80	80
1982	41	80	80	80	80	80	80	80	80
1981	42	80	80	80	80	80	80	80	80
1980	43	80	80	80	80	80	80	80	80
1979	44	80	80	80	80	80	80	80	80
1978	45	80	80	80	80	80	80	80	80
1977	46	80	80	80	80	80	80	80	80
1976	47	80	80	80	80	80	80	80	80
1975	48	80	80	80	80	80	80	80	80
1974	49	80	80	80	80	80	80	80	80
1973	50	80	80	80	80	80	80	80	80
1972	51	80	80	80	80	80	80	80	80
1971	52	80	80	80	80	80	80	80	80
1970	53	80	80	80	80	80	80	80	80
1969	54	80	80	80	80	80	80	80	80
1968	55	80	80	80	80	80	80	80	80
1967	56	80	80	80	80	80	80	80	80
1966	57	80	80	80	80	80	80	80	80
1965	58	80	80	80	80	80	80	80	80
1964	59	80	80	80	80	80	80	80	80
1963	60	80	80	80	80	80	80	80	80
1962	61	80	80	80	80	80	80	80	80
1961	62	80	80	80	80	80	80	80	80
1960	63	80	80	80	80	80	80	80	80
1959	64	80	80	80	80	80	80	80	80
1958	65	80	80	80	80	80	80	80	80
1957	66	80	80	80	80	80	80	80	80
1956	67	80	80	80	80	80	80	80	80

Table D4: Miscellaneous Improvement Depreciation Schedule for 105 Year Life (Continued)

EFFECTIVE YEAR	EFFECTIVE AGE	EXCELLENT	VERY GOOD	GOOD	AVERAGE	FAIR	POOR	VERY POOR	UNSOUND
1955	68	80	80	80	80	80	80	80	80
1954	69	80	80	80	80	80	80	80	80
1953	70	80	80	80	80	80	80	80	80
1952	71	80	80	80	80	80	80	80	80
1951	72	80	80	80	80	80	80	80	80
1950	73	80	80	80	80	80	80	80	80
1949	74	80	80	80	80	80	80	80	80
1948	75	80	80	80	80	80	80	80	80
1947	76	80	80	80	80	80	80	80	80
1946	77	80	80	80	80	80	80	80	80
1945	78	80	80	80	80	80	80	80	80
1944	79	80	80	80	80	80	80	80	80
1943	80	80	80	80	80	80	80	80	80
1942	81	80	80	80	80	80	80	80	80
1941	82	80	80	80	80	80	80	80	80
1940	83	80	80	80	80	80	80	80	80
1939	84	80	80	80	80	80	80	80	80
1938	85	80	80	80	80	80	80	80	80
1937	86	80	80	80	80	80	80	80	80
1936	87	80	80	80	80	80	80	80	80
1935	88	80	80	80	80	80	80	80	80
1934	89	80	80	80	80	80	80	80	80
1933	90	80	80	80	80	80	80	80	80
1932	91	80	80	80	80	80	80	80	80
1931	92	80	80	80	80	80	80	80	80
1930	93	80	80	80	80	80	80	80	80
1929	94	80	80	80	80	80	80	80	80
1928	95	80	80	80	80	80	80	80	80
1927	96	80	80	80	80	80	80	80	80
1926	97	80	80	80	80	80	80	80	80
1925	98	80	80	80	80	80	80	80	80
1924	99	80	80	80	80	80	80	80	80
1923	100	80	80	80	80	80	80	80	80
1922	101	80	80	80	80	80	80	80	80
1921	102	80	80	80	80	80	80	80	80
1920	103	80	80	80	80	80	80	80	80
1919	104	80	80	80	80	80	80	80	80

Appendix

Appendix Item 1: Uniform Standards of Professional Practice (USPAP) (Relevant Standards)

NOTE: On August 11, 2022, the Appraisal Foundation Appraisal Standards Board (ASB) announced that the current edition of the Uniform Standards of Professional Practice (USPAP) would be extended by one additional year. The 2020-2021 USPAP will now be effective until December 31, 2023.

2020-2021
Uniform Standards of Professional Appraisal Practice (USPAP)

Effective January 1, 2020 through December 31, 2021

electronic edition

PLUS

Guidance from the Appraisal Standards Board
+ USPAP ADVISORY OPINIONS
+ USPAP FREQUENTLY ASKED QUESTIONS (FAQ)

The Appraisal **FOUNDATION**

Authorized by Congress as the Source of Appraisal
Standards and Appraiser Qualifications

APPRAISAL STANDARDS BOARD

UNIFORM STANDARDS OF PROFESSIONAL APPRAISAL PRACTICE

2020-2021 EDITION

The Appraisal FOUNDATION

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APPRAISAL STANDARDS BOARD

EFFECTIVE:

January 1, 2020 through December 31, 2021

PREAMBLE

The purpose of the *Uniform Standards of Professional Appraisal Practice* (USPAP) is to promote and maintain a high level of public trust in appraisal practice by establishing requirements for appraisers. It is essential that appraisers develop and communicate their analyses, opinions, and conclusions to intended users of their services in a manner that is meaningful and not misleading. 1 2 3 4

The Appraisal Standards Board promulgates USPAP for both appraisers and users of appraisal services. The appraiser's responsibility is to protect the overall public trust and it is the importance of the role of the appraiser that places ethical obligations on those who serve in this capacity. USPAP reflects the current standards of the appraisal profession. 5 6 7 8

USPAP addresses the ethical and performance obligations of appraisers through DEFINITIONS, Rules, Standards, Standards Rules, and Statements (there are currently no active Statements). 9 10

- The DEFINITIONS establish the application of certain terminology in USPAP. 11
- The ETHICS RULE sets forth the requirements for integrity, impartiality, objectivity, independent judgment, and ethical conduct. 12 13
- The RECORD KEEPING RULE establishes the workfile requirements for appraisal and appraisal review assignments. 14 15
- The COMPETENCY RULE presents pre-assignment and assignment conditions for knowledge and experience. 16
- The SCOPE OF WORK RULE presents obligations related to problem identification, research, and analyses. 17
- The JURISDICTIONAL EXCEPTION RULE preserves the balance of USPAP if a portion is contrary to law or public policy of a jurisdiction. 18 19
- The Standards establish the requirements for appraisal and appraisal review and the manner in which each is communicated. 20 21
  - STANDARDS 1 and 2 establish requirements for the development and communication of a real property appraisal. 22 23
  - STANDARDS 3 and 4 establish requirements for the development and communication of an appraisal review. 24
  - STANDARDS 5 and 6 establish requirements for the development and communication of a mass appraisal. 25
  - STANDARDS 7 and 8 establish requirements for the development and communication of a personal property appraisal. 26 27
  - STANDARDS 9 and 10 establish requirements for the development and communication of a business or intangible asset appraisal. 28 29
- There are currently no active Statements on Appraisal Standards. 30
- Comments are an integral part of USPAP and have the same weight as the component they address. These extensions of the DEFINITIONS, Rules, and Standards Rules provide interpretation and establish the context and conditions for application. 31 32 33

When Do USPAP Rules and Standards Apply? 34

USPAP does not establish who or which assignments must comply. Neither The Appraisal Foundation nor its Appraisal Standards Board is a government entity with the power to make, judge, or enforce law. An appraiser must comply with USPAP when either the service or the appraiser is required by law, regulation, or agreement with the client. Individuals may also choose to comply with USPAP any time that individual is performing the service as an appraiser. In order to comply with USPAP, an appraiser must meet the following obligations: 35 36 37 38 39

- An appraiser must act competently and in a manner that is independent, impartial, and objective. 40
- An appraiser must comply with the ETHICS RULE in all aspects of appraisal practice. 41
- An appraiser must maintain the data, information and analysis necessary to support his or her opinions for appraisal and appraisal review assignments in accordance with the RECORD KEEPING RULE. 42 43
- An appraiser must comply with the COMPETENCY RULE and the JURISDICTIONAL EXCEPTION RULE for all assignments. 44 45

46   • When an appraiser provides an opinion of value in an assignment, the appraiser must also comply with the
47   SCOPE OF WORK RULE, the RECORD KEEPING RULE, the applicable development and reporting Standards
48   and applicable Statements (there are currently no active Statements).
49   • When an appraiser provides an opinion about the quality of another appraiser's work that was performed as
50   part of an appraisal or appraisal review assignment, the appraiser must also comply with the SCOPE OF WORK
51   RULE, the RECORD KEEPING RULE, applicable portions of STANDARDS 3 and 4, and applicable Statements
52   (there are currently no active Statements).
53   • When preparing an appraisal or appraisal review that is a component of a larger assignment with additional
54   opinions, conclusions, or recommendations, the appraisal or appraisal review component must comply with
55   the applicable development and reporting Standards and applicable Statements (there are currently no
56   active Statements), and the remaining component of the assignment must comply with the ETHICS RULE, the
57   COMPETENCY RULE, and the JURISDICTIONAL EXCEPTION RULE.

ETHICS RULE

An appraiser must promote and preserve the public trust inherent in appraisal practice by observing the highest standards of professional ethics. 174 175

An appraiser must comply with USPAP when obligated by law or regulation, or by agreement with the client or intended users. In addition to these requirements, an individual should comply any time that individual represents that he or she is performing the service as an appraiser. 176 177 178

> Comment: This Rule specifies the personal obligations and responsibilities of the individual appraiser. An individual appraiser employed by a group or organization that conducts itself in a manner that does not conform to USPAP should take steps that are appropriate under the circumstances to ensure compliance with USPAP. 179 180 181

This ETHICS RULE is divided into three sections: **Conduct**, **Management**, and **Confidentiality**, which apply to all appraisal practice. 182 183

CONDUCT: 184
An appraiser must perform assignments with impartiality, objectivity, and independence, and without accommodation of personal interests. 185 186

> FAQ See also FAQ 10-33

An appraiser: 187

- must not perform an assignment with bias; 188
- must not advocate the cause or interest of any party or issue; 189
- must not agree to perform an assignment that includes the reporting of predetermined opinions and conclusions; 190 191
- must not misrepresent his or her role when providing valuation services that are outside of appraisal practice;[13] 192
- must not communicate assignment results with the intent to mislead or to defraud; 193
- must not use or communicate a report or assignment results known by the appraiser to be misleading or fraudulent; 194 195
- must not knowingly permit an employee or other person to communicate a report or assignment results that are misleading or fraudulent; 196 197
- must not use or rely on unsupported conclusions relating to characteristics such as race, color, religion, national origin, gender, marital status, familial status, age, receipt of public assistance income, handicap, or an unsupported conclusion that homogeneity of such characteristics is necessary to maximize value; 198 199 200
- must not engage in criminal conduct; 201
- must not willfully or knowingly violate the requirements of the RECORD KEEPING RULE; and 202
- must not perform an assignment in a grossly negligent manner. 203

> Comment: Development standards (1-1, 3-1, 5-1, 7-1 and 9-1) address the requirement that "an appraiser must not render appraisal services in a careless or negligent manner." The above requirement deals with an appraiser being grossly negligent in performing an assignment which would be a violation of the Conduct section of the ETHICS RULE. 204 205 206 207

If known prior to agreeing to perform an assignment, and/or if discovered at any time during the assignment, an appraiser must disclose to the client, and in each subsequent report certification: 208 209

- any current or prospective interest in the subject property or parties involved; and 210
- any services regarding the subject property performed by the appraiser, as an appraiser or in any other capacity, within the three-year period immediately preceding the agreement to perform the assignment. 211 212

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13   See Advisory Opinion 21, *USPAP Compliance.*

213 Comment: Disclosing the fact that the appraiser has previously appraised the property is permitted except
214 in the case when an appraiser has agreed with the client to keep the mere occurrence of a prior assignment
215 confidential. If an appraiser has agreed with a client not to disclose that he or she has appraised a property,
216 the appraiser must decline all subsequent agreements to perform assignments that fall within the three-year
217 period.

218 In assignments in which there is no appraisal or appraisal review report, only the initial disclosure to the client
219 is required.

220 **MANAGEMENT:**
221 **An appraiser must disclose that he or she paid a fee or commission, or gave a thing of value in connection with**
222 **the procurement of an assignment.**

223 Comment: The disclosure must appear in the certification and in any transmittal letter in which conclusions
224 are stated; however, disclosure of the amount paid is not required. In groups or
225 organizations engaged in appraisal practice, intra-company payments to employees for
226 business development do not require disclosure.

FAQ **See also FAQ 34-52**

227 **An appraiser must not agree to perform an assignment, or have a compensation arrangement**
228 **for an assignment, that is contingent on any of the following:**

229 1. **the reporting of a predetermined result (e.g., opinion of value);**
230 2. **a direction in assignment results that favors the cause of the client;**
231 3. **the amount of a value opinion;**
232 4. **the attainment of a stipulated result (e.g., that the loan closes, or taxes are reduced); or**
233 5. **the occurrence of a subsequent event directly related to the appraiser's opinions and specific to the**
234 **assignment's purpose.**

235 **An appraiser must not advertise for or solicit assignments in a manner that is false, misleading, or exaggerated.**

236 **An appraiser must affix, or authorize the use of, his or her signature to certify recognition and acceptance of his or**
237 **her USPAP responsibilities in an appraisal or appraisal review assignment (see Standards Rules 2-3, 4-3, 6-3, 8-3,**
238 **and 10-3). An appraiser may authorize the use of his or her signature only on an assignment-by-assignment basis.**

239 **An appraiser must not affix the signature of another appraiser without his or her consent.**

240 Comment: An appraiser must exercise due care to prevent unauthorized use of his or her signature. An
241 appraiser exercising such care is not responsible for unauthorized use of his or her signature.

242 **CONFIDENTIALITY:**
243 **An appraiser must protect the confidential nature of the appraiser-client relationship.**[14]

244 **An appraiser must act in good faith with regard to the legitimate interests of the client in the use of confidential**
245 **information and in the communication of assignment results.**

246 **An appraiser must be aware of, and comply with, all confidentiality and privacy laws and regulations applicable**
247 **in an assignment.**[15]

14 See Advisory Opinion 27, *Appraising the Same Property for a New Client.*
15 For example, pursuant to the passage of the Gramm-Leach-Bliley Act in November 1999, some public agencies have adopted privacy regulations that affect appraisers. The Federal Trade Commission (FTC) issued two rules. The first rule (16 CFR 313) focuses on the protection of "non-public personal information" provided by consumers to those involved in financial activities "found to be closely related to banking or usual in connection with the transaction of banking." These activities include "appraising real or personal property." See GLB-Privacy. The second rule (16 CFR 314) requires appraisers to safeguard customer non-public personal information. See GLB-Safeguards-Rule. Significant liability exists for appraisers should they fail to comply with these FTC rules.

An appraiser must not disclose: (1) confidential information; or (2) assignment results to anyone other than: 248

- the client; 249
- parties specifically authorized by the client; 250
- state appraiser regulatory agencies; 251
- third parties as may be authorized by due process of law; or 252
- a duly authorized professional peer review committee except when such disclosure to a committee would 253
  violate applicable law or regulation. 254

FAQ See also **FAQ 53-81**

An appraiser must take reasonable steps to safeguard access to confidential information and assignment results 255
by unauthorized individuals, whether such information or results are in physical or electronic form. 256

An appraiser must ensure that employees, co-workers, sub-contractors, or others who may have access to 257
confidential information or assignment results, are aware of the prohibitions on disclosure of such information 258
or results. 259

A member of a duly authorized professional peer review committee must not disclose confidential information 260
presented to the committee. 261

> Comment: When all confidential elements of confidential information, and assignment results are removed 262
> through redaction or the process of aggregation, client authorization is not required for the disclosure of the 263
> remaining information, as modified. 264

RECORD KEEPING RULE

265 An appraiser must prepare a workfile for each appraisal or appraisal review assignment. A
266 workfile must be in existence prior to the issuance of any report or other communication of
267 assignment results. A written summary of an oral report must be added to the workfile within a
268 reasonable time after the issuance of the oral report.

269 The workfile must include:

270 • the name of the client and the identity, by name or type, of any other intended users;
271 • true copies of all written reports, documented on any type of media. (A true copy is a replica of the report
272   transmitted to the client. A photocopy or an electronic copy of the entire report transmitted to the client
273   satisfies the requirement of a true copy.);
274 • summaries of all oral reports or testimony, or a transcript of testimony, including the appraiser's signed and
275   dated certification; and
276 • all other data, information, and documentation necessary to support the appraiser's opinions and
277   conclusions and to show compliance with USPAP, or references to the location(s) of such other data,
278   information, and documentation.

279 A workfile in support of a Restricted Appraisal Report or an oral appraisal report must be sufficient for the
280 appraiser to produce an Appraisal Report. A workfile in support of an oral appraisal review report must be
281 sufficient for the appraiser to produce an Appraisal Review Report.

282 An appraiser must retain the workfile for a period of at least five years after preparation or at least two years
283 after final disposition of any judicial proceeding in which the appraiser provided testimony related to the
284 assignment, whichever period expires last.

285 An appraiser must have custody of the workfile, or make appropriate workfile retention, access, and retrieval
286 arrangements with the party having custody of the workfile. This includes ensuring that a workfile is stored in a
287 medium that is retrievable by the appraiser throughout the prescribed record retention period.

288 An appraiser having custody of a workfile must allow other appraisers with workfile obligations related to an
289 assignment appropriate access and retrieval for the purpose of:

290 • submission to state appraiser regulatory agencies;
291 • compliance with due process of law;
292 • submission to a duly authorized professional peer review committee; or
293 • compliance with retrieval arrangements.

294   Comment: A workfile must be made available by the appraiser when required by a state appraiser regulatory
295   agency or due process of law.

296 An appraiser who willfully or knowingly fails to comply with the obligations of this RECORD KEEPING RULE is in
297 violation of the ETHICS RULE.

COMPETENCY RULE

An appraiser must: (1) be competent to perform the assignment; (2) acquire the necessary competency to perform the assignment; or (3) decline or withdraw from the assignment. In all cases, the appraiser must perform competently when completing the assignment.   298 299 300

FAQ See also **FAQ 111-115**

Perfection is impossible to attain, and competence does not require perfection. However, an appraiser must not render appraisal services in a careless or negligent manner. This Rule requires an appraiser to use due diligence and due care.   301 302 303

<u>BEING COMPETENT</u>   304
An appraiser must determine, prior to agreeing to perform an assignment, that he or she can perform the assignment competently. Competency requires: 305 306

1. the ability to properly identify the problem to be addressed;   307
2. the knowledge and experience to complete the assignment competently; and   308
3. recognition of, and compliance with, laws and regulations that apply to the appraiser or to the assignment.   309 310

Comment: Competency may apply to factors such as, but not limited to, an appraiser's familiarity with a specific type of property or asset, a market, a geographic area, an intended use, specific laws and regulations, or an analytical method. If such a factor is necessary for an appraiser to develop credible assignment results, the appraiser is responsible for having the competency to address that factor or for following the steps outlined below to satisfy this COMPETENCY RULE.   311 312 313 314 315

For assignments with retrospective opinions and conclusions, the appraiser must meet the requirements of this COMPETENCY RULE at the time the assignment is performed, rather than the effective date.   316 317

<u>ACQUIRING COMPETENCY</u>   318
If an appraiser determines he or she is not competent prior to agreeing to perform an assignment, the appraiser must: 319 320

1. disclose the lack of knowledge and/or experience to the client before agreeing to perform the assignment;   321 322
2. take all steps necessary or appropriate to complete the assignment competently; and   323
3. describe, in the report, the lack of knowledge and/or experience and the steps taken to complete the assignment competently.   324 325

Comment: Competency can be acquired in various ways, including, but not limited to, personal study by the appraiser, association with an appraiser reasonably believed to have the necessary knowledge and/or experience, or retention of others who possess the necessary knowledge and/or experience.   326 327 328

In an assignment where geographic competency is necessary, an appraiser who is not familiar with the relevant market characteristics must acquire an understanding necessary to produce credible assignment results for the specific property type and market involved.   329 330 331

332 When facts or conditions are discovered during the course of an assignment that cause an appraiser to
333 determine, at that time, that he or she lacks the required knowledge and experience to complete the
334 assignment competently, the appraiser must:

335 1. notify the client;
336 2. take all steps necessary or appropriate to complete the assignment competently; and
337 3. describe, in the report, the lack of knowledge and/or experience and the steps taken to complete the
338   assignment competently.

339 <u>**LACK OF COMPETENCY**</u>
340 **If the assignment cannot be completed competently, the appraiser must decline or withdraw from the**
341 **assignment.**

SCOPE OF WORK RULE[16]

For each appraisal and appraisal review assignment, an appraiser must:

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1. **identify the problem to be solved;**
2. **determine and perform the scope of work necessary to develop credible assignment results; and**
3. **disclose the scope of work in the report.**

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An appraiser must properly identify the problem to be solved in order to determine the appropriate scope of work. The appraiser must be prepared to demonstrate that the scope of work is sufficient to produce credible assignment results.

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Comment: Scope of work includes, but is not limited to:

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- the extent to which the property is identified;
- the extent to which tangible property is inspected;
- the type and extent of data researched; and
- the type and extent of analyses applied to arrive at opinions or conclusions.

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Appraisers have broad flexibility and significant responsibility in determining the appropriate scope of work for an appraisal or appraisal review assignment.

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Credible assignment results require support by relevant evidence and logic. The credibility of assignment results is always measured in the context of the intended use.

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PROBLEM IDENTIFICATION

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An appraiser must gather and analyze information about those assignment elements that are necessary to properly identify the appraisal or appraisal review problem to be solved.

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361

Comment: The assignment elements necessary for problem identification are addressed in the applicable Standards Rules (i.e., SR 1-2, SR 3-2, SR 5-2, SR 7-2, and SR 9-2). In an appraisal assignment, for example, identification of the problem to be solved requires the appraiser to identify the following assignment elements:

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365

- client and any other intended users;
- intended use of the appraiser's opinions and conclusions;
- type and definition of value;
- effective date of the appraiser's opinions and conclusions;
- subject of the assignment and its relevant characteristics; and
- assignment conditions.

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This information provides the appraiser with the basis for determining the type and extent of research and analyses to include in the development of an appraisal. Similar information is necessary for problem identification in appraisal review assignments.

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Communication with the client is required to establish most of the information necessary for problem identification. However, the identification of relevant characteristics is a judgment made by the appraiser that requires competency in that type of assignment.

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Assignment conditions include assumptions, extraordinary assumptions, hypothetical conditions, laws and regulations, jurisdictional exceptions, and other conditions that affect the scope of work. Laws include constitutions, legislative and court-made law, administrative rules, and ordinances. Regulations include rules or orders, having legal force, issued by an administrative agency.

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16   See Advisory Opinion 28, *Scope of Work Decision, Performance, and Disclosure* and Advisory Opinion 29, *An Acceptable Scope of Work*.

382 **SCOPE OF WORK ACCEPTABILITY**[17]
383 **The scope of work must include the research and analyses that are necessary to develop credible**
384 **assignment results.**

385   Comment: The scope of work is acceptable when it meets or exceeds:

386   • the expectations of parties who are regularly intended users for similar assignments; and
387   • what an appraiser's peers' actions would be in performing the same or a similar assignment.

388   Determining the scope of work is an ongoing process in an assignment. Information or conditions
389   discovered during the course of an assignment might cause the appraiser to reconsider the scope of work.

390   An appraiser must be prepared to support the decision to exclude any investigation, information, method, or
391   technique that would appear relevant to the client, another intended user, or the appraiser's peers.

392 **An appraiser must not allow assignment conditions to limit the scope of work to such a degree that the**
393 **assignment results are not credible in the context of the intended use.**

394   Comment: If relevant information is not available because of assignment conditions that limit research
395   opportunities (such as conditions that place limitations on inspection or information gathering), an appraiser
396   must withdraw from the assignment unless the appraiser can:

397   • modify the assignment conditions to expand the scope of work to include gathering the information; or
398   • use an extraordinary assumption about such information, if credible assignment results can still be
399   developed.

400 **An appraiser must not allow the intended use of an assignment or a client's objectives to cause the assignment**
401 **results to be biased.**

402 **DISCLOSURE OBLIGATIONS**
403 **The report must contain sufficient information to allow the client and other intended users to understand**
404 **the scope of work performed. The information disclosed must be appropriate for the intended use of the**
405 **assignment results.**

406   Comment: Proper disclosure is required because clients and other intended users rely on the assignment
407   results. Sufficient information includes disclosure of research and analyses performed and might also include
408   disclosure of research and analyses not performed.

409   The appraiser has broad flexibility and significant responsibility in the level of detail and manner of disclosing
410   the scope of work in the appraisal report or appraisal review report. The appraiser may, but is not required to,
411   consolidate the disclosure in a specific section or sections of the report, or use a particular label, heading or
412   subheading. An appraiser may choose to disclose the scope of work as necessary throughout the report.

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17   See Advisory Opinion 29, *An Acceptable Scope of Work*.

JURISDICTIONAL EXCEPTION RULE

If any applicable law or regulation precludes compliance with any part of USPAP, only that part of USPAP becomes void for that assignment.

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> Comment: When compliance with USPAP is required by federal law or regulation, no part of USPAP can be voided by a law or regulation of a state or local jurisdiction.

In an assignment involving a jurisdictional exception, an appraiser must: 417

1. **identify the law or regulation that precludes compliance with USPAP;**   418
2. **comply with that law or regulation;**   419
3. **clearly and conspicuously disclose in the report the part of USPAP that is voided by that law or regulation; and**   420/421
4. **cite in the report the law or regulation requiring this exception to USPAP compliance.**   422

> Comment: The JURISDICTIONAL EXCEPTION RULE provides a saving or severability clause intended to preserve the balance of USPAP if compliance with one or more of its parts is precluded by the law or regulation of a jurisdiction. When an appraiser properly follows this Rule in disregarding a part of USPAP, there is no violation of USPAP.
>
> Law includes constitutions, legislative and court-made law, and administrative rules and ordinances. Regulations include rules or orders having legal force, issued by an administrative agency. Instructions from a client or attorney do not establish a jurisdictional exception.

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STANDARD 1: REAL PROPERTY APPRAISAL, DEVELOPMENT

430 **In developing a real property appraisal, an appraiser must identify the problem to be solved,**
431 **determine the scope of work necessary to solve the problem, and correctly complete research and**
432 **analyses necessary to produce a credible appraisal.**

433   Comment: The requirements set forth in STANDARD 1 follow the appraisal development process in the order
434   of topics addressed and can be used by appraisers and the users of appraisal services as a checklist.

435 **STANDARDS RULE 1-1, GENERAL DEVELOPMENT REQUIREMENTS**
436 **In developing a real property appraisal, an appraiser must:**

437   (a) **be aware of, understand, and correctly employ those recognized methods and techniques that are**
438   **necessary to produce a credible appraisal;**

439   Comment: This Standards Rule recognizes that the principle of change continues to affect the manner in
440   which appraisers perform appraisal services. Changes and developments in the real estate field have a
441   substantial impact on the appraisal profession. Important changes in the cost and manner of constructing
442   and marketing commercial, industrial, and residential real estate as well as changes in the legal framework
443   in which real property rights and interests are created, conveyed, and mortgaged have resulted in
444   corresponding changes in appraisal theory and practice. Social change has also had an effect on appraisal
445   theory and practice. To keep abreast of these changes and developments, the appraisal profession is
446   constantly reviewing and revising appraisal methods and techniques and devising new methods and
447   techniques to meet new circumstances. For this reason, it is not sufficient for appraisers to simply maintain
448   the skills and the knowledge they possess when they become appraisers. Each appraiser must continuously
449   improve his or her skills to remain proficient in real property appraisal.

450   (b) **not commit a substantial error of omission or commission that significantly affects an appraisal; and**

451   Comment: An appraiser must use sufficient care to avoid errors that would significantly affect his or her
452   opinions and conclusions. Diligence is required to identify and analyze the factors, conditions, data, and other
453   information that would have a significant effect on the credibility of the assignment results.

454   (c) **not render appraisal services in a careless or negligent manner, such as by making a series of errors that,**
455   **although individually might not significantly affect the results of an appraisal, in the aggregate affects the**
456   **credibility of those results.**

457 **STANDARDS RULE 1-2, PROBLEM IDENTIFICATION**
458 **In developing a real property appraisal, an appraiser must:**

459   (a) **identify the client and other intended users;[18]**

460   (b) **identify the intended use of the appraiser's opinions and conclusions;**

461   Comment: An appraiser must not allow the intended use of an assignment or a client's objectives to cause
462   the assignment results to be biased.[19]

463   (c) **identify the type and definition of value, and ascertain whether the value is to be the most probable price:**

464   (i)   **in terms of cash; or**

465   (ii)   **in terms of financial arrangements equivalent to cash; or**

466   (iii) **in other precisely defined terms; and**

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18   See Advisory Opinion 36, *Identification and Disclosure of Client, Intended Use, and Intended Users?* Also applicable to Standards
      Rule 1-2 (b).
19   See Advisory Opinion 19, *Unacceptable Assignment Conditions in Real Property Appraisal Assignments.*

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    (iv)   if the opinion of value is to be based on non-market financing or financing with unusual conditions or incentives, identify the terms of such financing and any influences on value;   467 468

       Comment: When reasonable exposure time is a component of the definition for the value opinion being developed, the appraiser must also develop an opinion of reasonable exposure time linked to that value opinion.[20]   469 470 471

(d) identify the effective date of the appraiser's opinions and conclusions;[21]   472

(e) identify, from sources the appraiser reasonably believes to be reliable, the characteristics of the property that are relevant to the type and definition of value and intended use of the appraisal,[22] including: 473 474

    (i)   its location and physical, legal, and economic characteristics;   475

    (ii)   the real property interest to be valued;   476

    (iii)   any personal property, trade fixtures, or intangible assets that are not real property but are included in the appraisal;   477 478

    (iv)   any known easements, restrictions, encumbrances, leases, reservations, covenants, contracts, declarations, special assessments, ordinances, or other items of a similar nature; and   479 480

    (v)   whether the subject property is a fractional interest, physical segment, or partial holding;   481

   Comment on (i)–(v): An appraiser may use any combination of a property inspection, documents, such as a legal description, address, map reference, copy of a survey or map, property sketch, photographs, or other information to identify the relevant characteristics of the subject property.   482 483 484

   When appraising proposed improvements, an appraiser must examine and have available for future examination, plans, specifications, or other documentation sufficient to identify the extent and character of the proposed improvements.[23]   485 486 487

   Identification of the real property interest appraised can be based on a review of copies or summaries of title descriptions or other documents that set forth any known encumbrances.   488 489

   An appraiser is not required to value the whole when the subject of the appraisal is a fractional interest, a physical segment, or a partial holding.   490 491

(f) identify any extraordinary assumptions necessary in the assignment. An extraordinary assumption may be used in an assignment only if: 492 493

    (i)   the extraordinary assumption is required to properly develop credible opinions and conclusions;   494

    (ii)   the appraiser has a reasonable basis for the extraordinary assumption; and   495

    (iii)   use of the extraordinary assumption results in a credible analysis;   496

(g) identify any hypothetical conditions necessary in the assignment. A hypothetical condition may be used in an assignment only if: 497 498

    (i)   use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable analysis, or for purposes of comparison; and   499 500

    (ii)   use of the hypothetical condition results in a credible analysis; and   501

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20   See Advisory Opinion 35, *Reasonable Exposure Time in Real and Personal Property Opinions of Value.*
21   See Advisory Opinion 34, *Retrospective and Prospective Value Opinions.*
22   See Advisory Opinion 2, *Inspection of Subject Property,* and Advisory Opinion 23, *Identifying the Relevant Characteristics of the Subject Property of a Real Property Appraisal Assignment.*
23   See Advisory Opinion 17, *Appraisals of Real Property with Proposed Improvements.*

502   (h) determine the scope of work necessary to produce credible assignment results in accordance with the
503   **SCOPE OF WORK RULE.**[24]

504   STANDARDS RULE 1-3, MARKET ANALYSIS, AND HIGHEST AND BEST USE
505   **When necessary for credible assignment results in developing a market value opinion, an appraiser must:**

506   (a) **identify and analyze the effect on use and value of:**

507   (i)   **existing land use regulations;**

508   (ii)   **reasonably probable modifications of such land use regulations;**

509   (iii) **economic supply and demand;**

510   (iv)   **the physical adaptability of the real estate; and**

511   (v)   **market area trends; and**

512   Comment: An appraiser must avoid making an unsupported assumption or premise about market area
513   trends, effective age, and remaining life.

514   (b) **develop an opinion of the highest and best use of the real estate.**

515   Comment: An appraiser must analyze the relevant legal, physical, and economic factors to the extent necessary to
516   support the appraiser's highest and best use conclusion(s).

517   STANDARDS RULE 1-4, APPROACHES TO VALUE
518   **In developing a real property appraisal, an appraiser must collect, verify, and analyze all information necessary**
519   **for credible assignment results.**

520   (a) **When a sales comparison approach is necessary for credible assignment results, an appraiser must**
521   **analyze such comparable sales data as are available to indicate a value conclusion.**

522   (b) **When a cost approach is necessary for credible assignment results, an appraiser must:**

523   (i)   **develop an opinion of site value by an appropriate appraisal method or technique;**

524   (ii)   **analyze such comparable cost data as are available to estimate the cost new of the improvements**
525   **(if any); and**

526   (iii) **analyze such comparable data as are available to estimate the difference between the cost new**
527   **and the present worth of the improvements (depreciation).**

528   (c) **When an income approach is necessary for credible assignment results, an appraiser must:**

529   (i)   **analyze such comparable rental data as are available and/or the potential earnings capacity of the**
530   **property to estimate the gross income potential of the property;**

531   (ii)   **analyze such comparable operating expense data as are available to estimate the operating**
532   **expenses of the property;**

533   (iii) **analyze such comparable data as are available to estimate rates of capitalization and/or rates of**
534   **discount;**

535   (iv)   **base projections of future rent and/or income potential and expenses on reasonably clear and**
536   **appropriate evidence;[25] and**

537   (v)   **weigh historical information and trends, current supply and demand factors affecting such**
538   **trends, and anticipated events such as competition from developments under construction, when**
539   **developing income and expense statements and cash flow projections.**

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24 See Advisory Opinion 28, *Scope of Work Decision, Performance, and Disclosure*, and Advisory Opinion 29, *An Acceptable Scope of Work*.
25 See Advisory Opinion 33, *Discounted Cash Flow Analysis*.

(d) When developing an opinion of the value of a leased fee estate or a leasehold estate, an appraiser must analyze the effect on value, if any, of the terms and conditions of the lease(s).

(e) When analyzing the assemblage of the various estates or component parts of a property, an appraiser must analyze the effect on value, if any, of the assemblage. An appraiser must refrain from valuing the whole solely by adding together the individual values of the various estates or component parts.

Comment: Although the value of the whole may be equal to the sum of the separate estates or parts, it also may be greater than or less than the sum of such estates or parts.

(f) When analyzing anticipated public or private improvements, located on or off the site, an appraiser must analyze the effect on value, if any, of such anticipated improvements to the extent they are reflected in market actions.[26]

(g) When personal property, trade fixtures, or intangible assets are included in the appraisal, the appraiser must analyze the effect on value of such non-real property assets.

Comment: When the scope of work includes an appraisal of personal property, trade fixtures, or intangible assets, competency in personal property appraisal (see STANDARD 7) or business appraisal (see STANDARD 9) is required.

STANDARDS RULE 1-5, SALE AGREEMENTS, OPTIONS, LISTINGS, AND PRIOR SALES
When the value opinion to be developed is market value, an appraiser must, if such information is available to the appraiser in the normal course of business:[27]

(a) analyze all agreements of sale, options, and listings of the subject property current as of the effective date of the appraisal; and

(b) analyze all sales of the subject property that occurred within the three (3) years prior to the effective date of the appraisal.[28]

STANDARDS RULE 1-6, RECONCILIATION
In developing a real property appraisal, an appraiser must:

(a) reconcile the quality and quantity of data available and analyzed within the approaches used; and

(b) reconcile the applicability and relevance of the approaches, methods and techniques used to arrive at the value conclusion(s).

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26   See Advisory Opinion 17, *Appraisals of Real Property with Proposed Improvements.*
27   See Advisory Opinion 24, *Normal Course of Business.*
28   See Advisory Opinion 1, *Sales History.*

STANDARD 5: MASS APPRAISAL, DEVELOPMENT

983 **In developing a mass appraisal, an appraiser must identify the problem to be solved, determine the**
984 **scope of work necessary to solve the problem, and correctly complete research and analyses necessary**
985 **to produce a credible mass appraisal.**

986   Comment: STANDARD 5 applies to all mass appraisals of real or personal property regardless of the purpose
987   or use of such appraisals.[56] The reporting and jurisdictional exceptions applicable to public mass appraisals
988   prepared for ad valorem taxation do not apply to mass appraisals prepared for other purposes.

989   A mass appraisal includes:

990   1)   identifying properties to be appraised;

991   2)   defining market area of consistent behavior that applies to properties;

992   3)   identifying characteristics (supply and demand) that affect the creation of value in that market area;

993   4)   developing a model structure that reflects the relationship among the characteristics affecting value in
994   the market area;

995   5)   calibrating the model structure to determine the contribution of the individual characteristics affecting value;

996   6)   applying the conclusions reflected in the model to the characteristics of the property(ies) being
997   appraised; and

998   7)   reviewing the mass appraisal results.

999   The JURISDICTIONAL EXCEPTION RULE may apply to several sections of STANDARD 5 because ad valorem
1000   tax administration is subject to various state, county, and municipal laws.

1001 **STANDARDS RULE 5-1, GENERAL DEVELOPMENT REQUIREMENTS**
1002 **In developing a mass appraisal, an appraiser must:**

1003   (a) **be aware of, understand, and correctly employ those recognized methods and techniques necessary to**
1004   **produce a credible mass appraisal;**

1005   Comment: Mass appraisal provides for a systematic approach and uniform application of appraisal
1006   methods and techniques to obtain estimates of value that allow for statistical review and analysis of results.

1007   This requirement recognizes that the principle of change continues to affect the manner in which appraisers
1008   perform mass appraisals. Changes and developments in the real property and personal property fields have
1009   a substantial impact on the appraisal profession.

1010   To keep abreast of these changes and developments, the appraisal profession is constantly reviewing
1011   and revising appraisal methods and techniques and devising new methods and techniques to meet
1012   new circumstances. For this reason it is not sufficient for appraisers to simply maintain the skills and the
1013   knowledge they possess when they become appraisers. Each appraiser must continuously improve his or her
1014   skills to remain proficient in mass appraisal.

1015   (b) **not commit a substantial error of omission or commission that significantly affects a mass appraisal; and**

1016   Comment: An appraiser must use sufficient care to avoid errors that would significantly affect his or her
1017   opinions and conclusions. Diligence is required to identify and analyze the factors, conditions, data, and other
1018   information that would have a significant effect on the credibility of the assignment results.

1019   (c) **not render a mass appraisal in a careless or negligent manner.**

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56   See Advisory Opinion 32, *Ad Valorem Property Tax Appraisal and Mass Appraisal Assignments*.

STANDARDS RULE 5-2, PROBLEM IDENTIFICATION   1020
In developing a mass appraisal, an appraiser must: 1021

(a) **identify the client and other intended users;**[57]   1022

     <u>Comment</u>: In ad valorem mass appraisal, the assessor, or party responsible for certification of the assessment   1023
     or tax roll is required to apply the relevant law or statute and identify the clients and other intended users (if   1024
     any).   1025

(b) **identify the intended use of the appraisal;**   1026

     <u>Comment</u>: An appraiser must not allow the intended use of an assignment or a client's objectives to cause the   1027
     assignment results to be biased.   1028

(c) **identify the type and definition of value, and ascertain whether the value is to be the most probable price:**   1029

     (i)   **in terms of cash; or**   1030

     (ii)   **in terms of financial arrangements equivalent to cash; or**   1031

     (iii)   **in such other terms as may be precisely defined; and**   1032

     (iv)   **if the opinion of value is to be based on non-market financing or financing with unusual conditions or**   1033
            incentives, identify the terms of such financing and any influences on value;   1034

(d) **identify the effective date of the appraisal;**[58]   1035

(e) **identify, from sources the appraiser reasonably believes to be reliable, the characteristics of the**   1036
     properties that are relevant to the type and definition of value and intended use,[59] **including:**   1037

     (i)   **the group with which a property is identified according to similar market influence;**   1038

     (ii)   **the appropriate market area and time frame relative to the property being valued; and**   1039

     (iii)   **their location and physical, legal, and economic characteristics;**   1040

          <u>Comment</u>: The properties must be identified in general terms, and each individual property in the   1041
          universe must be identified, with the information on its identity stored or referenced in its property record.   1042

          When appraising proposed improvements, an appraiser must examine and have available for   1043
          future examination, plans, specifications, or other documentation sufficient to identify the extent and   1044
          character of the proposed improvements.[60]   1045

          Ordinarily, proposed improvements are not appraised for ad valorem tax purposes. Appraisers,   1046
          however, are sometimes asked to provide opinions of value of proposed improvements so that   1047
          developers can estimate future property tax burdens. Sometimes units in condominiums and planned   1048
          unit developments are sold with an interest in un-built community property, the pro rata value of which,   1049
          if any, must be considered in the analysis of sales data.   1050

(f) **identify the characteristics of the market that are relevant to the purpose and intended use of the mass**   1051
     appraisal including: 1052

     (i)   **location of the market area;**   1053

     (ii)   **physical, legal, and economic characteristics;**   1054

     (iii)   **time frame of market activity; and**   1055

     (iv)   **property interests reflected in the market;**   1056

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57   See Advisory Opinion 36, *Identification and Disclosure of Client, Intended Use, and Intended Users*. Also applicable to Standards
     Rule 5-2(b).
58   See Advisory Opinion 34, *Retrospective and Prospective Value Opinions*.
59   See Advisory Opinion 23, *Identifying the Relevant Characteristics of the Subject Property of a Real Property Appraisal Assignment*, if applicable.
60   See Advisory Opinion 17, *Appraisals of Real Property with Proposed Improvements*, if applicable.

1057   (g) in appraising real property or personal property:

1058   (i) identify the appropriate market area and time frame relative to the property being valued;

1059   (ii) when the subject is real property, identify and consider any personal property, trade fixtures, or
1060   intangible assets that are not real property but are included in the appraisal;

1061   (iii) when the subject is personal property, identify and consider any real property or intangible assets
1062   that are not personal property but are included in the appraisal;

1063   (iv) identify known easements, restrictions, encumbrances, leases, reservations, covenants, contracts,
1064   declarations, special assessments, ordinances, or other items of similar nature; and

1065   (v) identify and analyze whether an appraised fractional interest, physical segment or partial holding
1066   contributes pro rata to the value of the whole;

1067   Comment: The above requirements do not obligate the appraiser to value the whole when the subject
1068   of the appraisal is a fractional interest, physical segment, or a partial holding. However, if the value
1069   of the whole is not identified, the appraisal must clearly reflect that the value of the property being
1070   appraised cannot be used to develop the value opinion of the whole by mathematical extension.

1071   (h) analyze the relevant economic conditions at the time of the valuation, including market acceptability of
1072   the property and supply, demand, scarcity, or rarity;

1073   (i) identify any extraordinary assumptions necessary in the assignment. An extraordinary assumption may
1074   be used in an assignment only if:

1075   (i) the extraordinary assumption is required to properly develop credible opinions and conclusions;

1076   (ii) the appraiser has a reasonable basis for the extraordinary assumption; and

1077   (iii) use of the extraordinary assumption results in a credible analysis;

1078   (j) identify any hypothetical conditions necessary in the assignment. A hypothetical condition may be used
1079   in an assignment only if:

1080   (i) use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable
1081   analysis, or for purposes of comparison; and

1082   (ii) use of the hypothetical condition results in a credible analysis; and

1083   (k) determine the scope of work necessary to produce credible assignment results in accordance with the
1084   SCOPE OF WORK RULE.[61]

1085 **STANDARDS RULE 5-3, PROPERTY'S USE AND APPROPRIATE MARKET**
1086 When necessary for credible assignment results, an appraiser must:

1087   (a) in appraising real property, identify and analyze the effect on use and value of the following factors:

1088   (i) existing land use regulations;

1089   (ii) reasonably probable modifications of such regulations;

1090   (iii) economic supply and demand;

1091   (iv) the physical adaptability of the real estate;

1092   (v) neighborhood trends; and

1093   (vi) highest and best use of the real estate; and

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61   See Advisory Opinion 28, *Scope of Work Decision, Performance, and Disclosure,* and Advisory Opinion 29, *An Acceptable Scope of Work.*

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Comment: This requirement sets forth a list of factors that affect use and value. In considering   1094
neighborhood trends, an appraiser must avoid stereotyped or biased assumptions relating to race,   1095
age, color, gender, or national origin or an assumption that race, ethnic, or religious homogeneity   1096
is necessary to maximize value in a neighborhood. Further, an appraiser must avoid making an   1097
unsupported assumption or premise about neighborhood decline, effective age, and remaining life. In   1098
considering highest and best use, an appraiser must develop the concept to the extent required for a   1099
proper solution to the appraisal problem.   1100

(b) in appraising personal property, identify and analyze the effects on use and value of industry trends,   1101
value-in-use, and trade level of personal property. Where applicable, analyze the current use and   1102
alternative uses to encompass what is profitable, legal, and physically possible, as relevant to the type   1103
and definition of value and intended use of the appraisal. Personal property has several measurable   1104
marketplaces; therefore, the appraiser must define and analyze the appropriate market consistent with   1105
the type and definition of value.   1106

STANDARDS RULE 5-4, APPRAISAL METHODS   1107
In developing a mass appraisal, an appraiser must: 1108

(a) identify the appropriate procedures and market information required to perform the appraisal, including   1109
all physical, functional, and external market factors as they may affect the appraisal;   1110

Comment: Such efforts customarily include the development of standardized data collection forms,   1111
procedures, and training materials that are used uniformly on the universe of properties under   1112
consideration.   1113

(b) employ recognized techniques for specifying property valuation models; and   1114

Comment: The formal development of a model in a statement or equation is called model specification. Mass   1115
appraisers must develop mathematical models that, with reasonable accuracy, represent the relationship   1116
between property value and supply and demand factors, as represented by quantitative and qualitative   1117
property characteristics. The models may be specified using the cost, sales comparison, or income   1118
approaches to value. The specification format may be tabular, mathematical, linear, nonlinear, or any other   1119
structure suitable for representing the observable property characteristics. Appropriate approaches must   1120
be used in appraising a class of properties. The concept of recognized techniques applies to both real and   1121
personal property valuation models.   1122

(c) employ recognized techniques for calibrating mass appraisal models.   1123

Comment: Calibration refers to the process of analyzing sets of property and market data to determine the   1124
specific parameters of a model. The table entries in a cost manual are examples of calibrated parameters, as   1125
well as the coefficients in a linear or nonlinear model. Models must be calibrated using recognized techniques,   1126
including, but not limited to, multiple linear regression, nonlinear regression, and adaptive estimation.   1127

STANDARDS RULE 5-5, APPROACHES TO VALUE   1128
In developing a mass appraisal, when necessary for credible assignment results, an appraiser must: 1129

(a) collect, verify, and analyze such data as are necessary and appropriate to develop: 1130

(i)   the cost new of the improvements;   1131

(ii)   depreciation;   1132

(iii) value of the land by sales of comparable properties;   1133

(iv)   value of the property by sales of comparable properties;   1134

(v)   value by capitalization of income or potential earnings (i.e., rentals, expenses, interest rates,   1135
capitalization rates, and vacancy data);   1136

1137   Comment: This Standards Rule requires appraisers engaged in mass appraisal to take reasonable
1138   steps to ensure that the quantity and quality of the factual data that are collected are sufficient to
1139   produce credible mass appraisals.

1140   **(b) base estimates of capitalization rates and projections of future rental rates and/or potential earnings**
1141   **capacity, expenses, interest rates, and vacancy rates on reasonable and appropriate evidence;[62]**

1142   Comment: This requirement calls for an appraiser, in developing income and expense statements and cash
1143   flow projections, to weigh historical information and trends, current market factors affecting such trends, and
1144   reasonably anticipated events, such as competition from developments either planned or under construction.

1145   **(c) identify and, as applicable, analyze terms and conditions of any available leases; and**

1146   **(d) identify the need for and extent of any physical inspection.[63]**

1147 **STANDARDS RULE 5-6, CALIBRATED MASS APPRAISAL MODEL APPLICATION**
1148 **When necessary for credible assignment results in applying a calibrated mass appraisal model an appraiser must:**

1149   **(a) value improved parcels by recognized methods or techniques based on the cost approach, the sales**
1150   **comparison approach, and income approach;**

1151   **(b) value sites by recognized methods or techniques; such techniques include but are not limited to the sales**
1152   **comparison approach, allocation method, abstraction method, capitalization of ground rent, and land**
1153   **residual technique;**

1154   **(c) when developing the value of a leased fee estate or a leasehold estate, analyze the effect on value, if any,**
1155   **of the terms and conditions of the lease;**

1156   Comment: In ad valorem taxation the appraiser may be required by rules or law to appraise the property as if
1157   in fee simple, as though unencumbered by existing leases. In such cases, market rent would be used in the
1158   appraisal, ignoring the effect of the individual, actual contract rents.

1159   **(d) analyze the effect on value, if any, of the assemblage of the various parcels, divided interests, or**
1160   **component parts of a property; the value of the whole must not be developed by adding together the**
1161   **individual values of the various parcels, divided interests, or component parts; and**

1162   Comment: Although the value of the whole may be equal to the sum of the separate estates or parts, it also
1163   may be greater than or less than the sum of such estates or parts.

1164   **(e) when analyzing anticipated public or private improvements, located on or off the site, analyze the effect on**
1165   **value, if any, of such anticipated improvements to the extent they are reflected in market actions.**

1166 **STANDARDS RULE 5-7, RECONCILIATION**
1167 **In developing a mass appraisal an appraiser must:**

1168   **(a) reconcile the quality and quantity of data available and analyzed within the approaches used and the**
1169   **applicability and relevance of the approaches, methods and techniques used; and**

1170   **(b) employ recognized mass appraisal testing procedures and techniques to ensure that standards of**
1171   **accuracy are maintained.**

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62   See Advisory Opinion 33, *Discounted Cash Flow Analysis*.
63   See Advisory Opinion 2, *Inspection of Subject Property*.

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Comment: It is implicit in mass appraisal that, even when properly specified and calibrated mass appraisal   1172
models are used, some individual value conclusions will not meet standards of reasonableness, consistency,   1173
and accuracy. However, appraisers engaged in mass appraisal have a professional responsibility to ensure   1174
that, on an overall basis, models produce value conclusions that meet attainable standards of accuracy. This   1175
responsibility requires appraisers to evaluate the performance of models, using techniques that may include   1176
but are not limited to, goodness-of-fit statistics, and model performance statistics such as appraisal-to-sale ratio   1177
studies, evaluation of hold-out samples, or analysis of residuals.   1178

STANDARD 6: MASS APPRAISAL, REPORTING

1179 **In reporting the results of a mass appraisal, an appraiser must communicate each analysis, opinion,**
1180 **and conclusion in a manner that is not misleading.**

1181   Comment: STANDARD 6 addresses the content and level of information required in a report that
1182   communicates the results of a mass appraisal.

1183   STANDARD 6 does not dictate the form, format, or style of mass appraisal reports. The substantive content of
1184   a report determines its compliance.

1185 <u>**STANDARDS RULE 6-1, GENERAL REPORTING REQUIREMENTS**</u>
1186 **Each written report of a mass appraisal must:**

1187   (a) **clearly and accurately set forth the appraisal in a manner that will not be misleading;**

1188   (b) **contain sufficient information to enable the intended user(s) of the appraisal to understand the report**
1189   **properly; and**

1190   Comment: Documentation for a mass appraisal for ad valorem taxation may be in the form of (1) property
1191   records, (2) sales ratios and other statistical studies, (3) appraisal manuals and documentation, (4) market
1192   studies, (5) model building documentation, (6) regulations, (7) statutes, and (8) other acceptable forms.

1193   (c) **clearly and accurately disclose all assumptions, extraordinary assumptions, hypothetical conditions, and**
1194   **limiting conditions used in the assignment.**

1195 <u>**STANDARDS RULE 6-2, CONTENT OF A MASS APPRAISAL REPORT**</u>
1196 **The content of a mass appraisal report must be appropriate for the intended use of the appraisal and, at a**
1197 **minimum:**

1198   (a) **state the identity of the client, or if the client has requested anonymity, state that the identity is withheld**
1199   **at the client's request but is retained in the appraiser's workfile; state the identity of any intended user(s)**
1200   **by name or type;[64]**

1201   Comment: Because the client is an intended user, they must be identified in the report as such. However, if the
1202   client has requested anonymity the appraiser must use care when identifying the client to avoid violations of the
1203   <u>Confidentiality</u> section of the ETHICS RULE.

1204   (b) **state the intended use of the appraisal;**

1205   (c) **disclose any assumptions or limiting conditions that result in deviation from recognized methods and**
1206   **techniques or that affect analyses, opinions, and conclusions;**

1207   (d) **state the effective date of the appraisal and the date of the report;**

1208   Comment: In ad valorem taxation the effective date of the appraisal may be prescribed by law. If no
1209   effective date is prescribed by law, the effective date of the appraisal, if not stated, is presumed to be
1210   contemporaneous with the data and appraisal conclusions.[65]

1211   (e) **state the type and definition of value and cite the source of the definition;**

1212   Comment: Stating the type and definition of value also requires any comments needed to clearly indicate to
1213   intended users how the definition is being applied.

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64   See Advisory Opinion 36, *Identification and Disclosure of Client, Intended Use, and Intended Users*. Also applicable to Standards
     Rules 6-2(b).
65   See Advisory Opinion 34, *Retrospective and Prospective Value Opinions*.

When reporting an opinion of value, state whether the opinion is: 1214

- In terms of cash or of financing terms equivalent to cash; or   1215
- Based on non-market financing with unusual conditions or incentives.   1216

When an opinion of value is based on non-market financing terms or financing with unusual conditions or   1217
incentives, summarize the terms of such financing and any influences on value.   1218

(f) **state the properties appraised including the property rights; and, when the property rights to be**   1219
     appraised are specified in a statute or court ruling, reference the law;   1220

Comment: The report documents the sources for location, describing and listing the property. When   1221
applicable, include references to legal descriptions, addresses, parcel identifiers, photos, and building   1222
sketches. In mass appraisal this information is often included in property records.   1223

(g) **summarize the scope of work used to develop the appraisal,[66] and explain the exclusion of the sales**   1224
     comparison approach, cost approach, or income approach;   1225

Comment: Summarizing the scope of work includes disclosure of research and analyses performed and   1226
might also include disclosure of research and analyses not performed.   1227

(h) **when any portion of the work involves significant mass appraisal assistance, summarize the extent of that**   1228
     assistance;[67]   1229

(i) **summarize and support the model specification(s) considered, data requirements, and the model(s) chosen;**   1230
     provide sufficient information to enable the client and intended users to have confidence that the process   1231
     and procedures used conform to accepted methods and result in credible value conclusions; and include   1232
     a summary of the rationale for each model, the calibration techniques to be used, and the performance   1233
     measures to be used;   1234

Comment: In the case of mass appraisal for ad valorem taxation, stability and accuracy are important to the   1235
credibility of value opinions.   1236

(j) **summarize the procedure for collecting, validating, and reporting data; and summarize the sources of**   1237
     data and the data collection and validation processes;   1238

Comment: Reference to detailed data collection manuals or electronic records must be made, as appropriate,   1239
including where they may be found for inspection.   1240

(k) **summarize calibration methods considered and chosen, including the mathematical form of the final**   1241
     model(s); summarize how value conclusions were reviewed; and, if necessary, state the availability and   1242
     location of individual value conclusions;   1243

(l) **when an opinion of highest and best use, or the appropriate market or market level was developed,**   1244
     summarize how that opinion was determined, and reference case law, statute, or public policy that   1245
     describes highest and best use requirements;   1246

Comment: When actual use is the requirement, the report must summarize how use-value opinions were   1247
developed. The appraiser's reasoning in support of the highest and best use opinion must be provided in the   1248
depth and detail required by its significance to the appraisal.   1249

(m) **identify the appraisal performance tests used and the performance measures attained;**   1250

(n) **summarize the reconciliation performed, in accordance with Standards Rule 5-7; and**   1251

(o) **include a signed certification in accordance with Standards Rule 6-3.**   1252

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66 See Advisory Opinion 28, *Scope of Work Decision, Performance, and Disclosure* and Advisory Opinion 29, *An Acceptable Scope of Work.*
67 See Advisory Opinion 31, *Assignments Involving More than One Appraiser.*

1253 **STANDARDS RULE 6-3, CERTIFICATION**
1254 **A signed certification is an integral part of the appraisal report.**

1255 (a) **The wording of a certification does not have to match the following verbatim, but each of the elements**
1256 **must be addressed:**

1257 **I certify that, to the best of my knowledge and belief:**

1258 — **the statements of fact contained in this report are true and correct.**
1259 — **the reported analyses, opinions, and conclusions are limited only by the reported assumptions and**
1260 **limiting conditions, and are my personal, impartial, and unbiased professional analyses, opinions, and**
1261 **conclusions.**
1262 — **I have no (or the specified) present or prospective interest in the property that is the subject of this**
1263 **report, and no (or the specified) personal interest with respect to the parties involved.**
1264 — **I have performed no (or the specified) services, as an appraiser or in any other capacity, regarding**
1265 **the property that is the subject of this report within the three-year period immediately preceding the**
1266 **agreement to perform this assignment.**
1267 — **I have no bias with respect to the property that is the subject of this report or to the parties involved**
1268 **with this assignment.**
1269 — **my engagement in this assignment was not contingent upon developing or reporting predetermined**
1270 **results.**
1271 — **my compensation for completing this assignment is not contingent upon the reporting of a**
1272 **predetermined value or direction in value that favors the cause of the client, the amount of the value**
1273 **opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related**
1274 **to the intended use of this appraisal.**
1275 — **my analyses, opinions, and conclusions were developed, and this report has been prepared, in**
1276 **conformity with the *Uniform Standards of Professional Appraisal Practice.***
1277 — **I have (or have not) made a personal inspection of the properties that are the subject of this report. (If**
1278 **more than one person signs this certification, the certification must clearly specify which individuals**
1279 **did and which individuals did not make a personal inspection of the appraised property.)[68]**
1280 — **no one provided significant mass appraisal assistance to the person signing this certification. (If there**
1281 **are exceptions, the name of each individual providing significant mass appraisal assistance must be**
1282 **stated.)[69]**

1283 Comment: The above certification is not intended to disturb an elected or appointed assessor's work
1284 plans or oaths of office.

1285 (b) **An appraiser who signs any part of the appraisal report, including a letter of transmittal, must also sign a**
1286 **certification.**

1287 Comment: In an assignment that includes only assignment results developed by the real property appraiser,
1288 any appraiser who signs a certification accepts full responsibility for all elements of the certification, for the
1289 assignment results, and for the contents of the appraisal report. In an assignment that includes personal
1290 property assignment results not developed by the real property appraiser(s), any real property appraiser who
1291 signs a certification accepts full responsibility for the real property elements of the certification, for the real
1292 property assignment results, and for the real property contents of the appraisal report.

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68 See Advisory Opinion 2, *Inspection of Subject Property.*
69 See Advisory Opinion 31, *Assignments Involving More than One Appraiser.*

In an assignment that includes only assignment results developed by the personal property appraiser(s), any appraiser who signs a certification accepts full responsibility for all elements of the certification, for the assignment results, and for the contents of the appraisal report. In an assignment that includes real property assignment results not developed by the personal property appraiser(s), any personal property appraiser who signs a certification accepts full responsibility for the personal property elements of the certification, for the personal property assignment results, and for the personal property contents of the appraisal report. 1293 1294 1295 1296 1297 1298

(c) **When a signing appraiser has relied on work done by appraisers and others who do not sign the certification, the signing appraiser is responsible for the decision to rely on their work.** 1299 1300

   (i)   **The signing appraiser is required to have a reasonable basis for believing that those individuals performing the work are competent; and** 1301 1302

   (ii)   **The signing appraiser must have no reason to doubt that the work of those individuals is credible.** 1303

<u>Comment</u>: Although a certification must contain the names of individuals providing significant mass appraisal assistance, it is not required that a summary of the extent of their assistance be located in a certification. This disclosure may be in any part(s) of the report. 1304 1305 1306

Appendix Item 2: NC DOR Deed Edit Sheet

NC Department of Revenue Deed Edit Sheet

CODE REASONS FOR REJECTION:

A The transaction includes the conveyance of two or more parcels

B Sales for which the improvements sold are not included in the tax assessment or the assessment included improvements built after the sale

C Deed shows $6 or less in revenue stamps. *Transaction is $3,000 or less

D The date the deed was made, entered or notarized is outside the dates of the study period. (The study period runs from January 1 to December 31)

E The transaction is between relatives or related businesses

F The grantor is only conveying an undivided or fractional interest to the grantee

G The deed reserves unto the grantor, a life estate or some other interest

H The deed reserves unto the grantor the possession of, or lease of, the property for a specified period following the sale

I One or both of the parties involved in the transaction is governmental, a public utility, lending institution or a relocation firm

J The deed conveys a cemetery lot or other tax-exempt property

K One or both of the parties involved in the transaction is a church, school, lodge or some other educational organization

M The deed indicates that the property conveyed is situated in more than one county

N The transaction is for minerals, timber, etc., or the rights to mine or cut same

O The transaction includes the conveyance is personal property and the value of such is not specified separate from the real property value in the deed

P The transaction is the result of a forced sale or auction

Q Transaction made by the use of a contract for deed, the agreement for which is executed, and sale actually made prior to the study

R The transaction involves the trade or exchange of real property

S The transaction is for real property which cannot be clearly identified on the county tax records

X Other (an explanation must be provided when this code is used)

Z To use when $1 is put in the assessed value (for use of Access database only)

Classification of Property: Real vs. Personal

Overview

There are several long-standing, generally held tenets to explain the distinction between real property and personal property:

- Real Property begins with the land and everything that is permanently attached or affixed to it with the intent to make permanent. Generally, property that remains with the land or which is permanently affixed to the land is real property. The term real property is also used to refer to the rights associated with the ownership of the land. This is especially pertinent when considering the bundle of rights associated with the ownership of real property. Owners of condominium units traditionally benefit from an interest in severalty which gives them the right to access the amenities of their particular condominium project.
- Personal property is everything not considered real property and generally is considered to be temporary or moveable without causing damage to the real property. As a general rule, personal property is available and permitted to go with the person as opposed to remaining with the land.

Statutory Considerations

- NCGS 105-273 provides that

    (13) Real property, real estate or land. – Any of the following

    a.   The land itself.

    b.   Buildings, structures, improvements, or permanent fixtures on land.

    c.   All rights and privileges belonging or in any way appertaining to the property.

    d.   A manufactured home as defined in G.S. 143-143.9(6), unless it is considered tangible property for failure to meet all of the following requirements:

    1.   It is a residential structure.

    2.   It has the moving hitch, wheels and axels removed.

    3.   It is placed upon a permanent foundation either on land owned by the owner of the manufactured home or on land in which the owner of the manufactured home has a leasehold interest pursuant to a lease with a primary term of at least 20 years and the lease expressly provides for disposition of the manufactured home upon termination of the lease.

    (14) Tangible personal property – All personal property that is not intangible and that is not permanently affixed to real property.

    (8)   Intangible personal property – Patents, copyrights, secret processes, formulae, goodwill, trademarks, trade brands, franchises, stocks, bonds, cash, bank deposits, notes, evidences of debt, leasehold interests in exempted real property, bills and accounts receivable, or other like property.

- NCGS 105-275 – Property classified and excluded from the tax base, provides that

    (16) Non-business Property. As used in this subdivision, the term "non-business property" means personal property that is used by the owner of the property for a purpose other than the production of income and is not used in connection with a business. The term includes household furnishings, clothing, pets, lawn tools and lawn equipment. The term does not include motor vehicles, mobile homes, aircraft, watercraft or engines for watercraft.

Appendix Item 3: Real vs. Personal Property (Continued)

The following pages list examples of property as well as their classification as real or personal property

PROPERTY TYPE	CLASSIFICATION
Air Conditioning, residential building central systems	Real
Air Conditioning, for comfort of employees in connection with commercial/industrial properties	Real
Air Conditioning, as part of the business/manufacturing process	Personal
Air Conditioning, window units	Personal
Aircraft / airplanes	Personal
Alarm systems (fire, carbon monoxide, etc.)	Personal
Asphalt plants	Personal
Auto exhaust systems for buildings	Real
Auto exhaust systems as part of the manufacturing process	Personal
Automatic teller machines	Personal
Awnings	Personal
Balers (for cardboard, paper, etc.)	Personal
Bank teller counters or kiosks	Personal
Bank teller lockers	Personal
Bank teller windows	Personal
Bank vaults	Real
Bank vault doors	Personal
Bars and bar equipment	Personal
Billboards	Personal
Boats. watercraft, motors for	Personal
Boilers for the service of the building	Real
Boilers for the business / manufacturing process	Personal
Bowling alley lanes	Personal
Broadcasting equipment	Personal
Built-ins (dishwashers, ovens, ranges, and other kitchen equipment)	Personal
Cabinets	Personal
Cable TV delivery / distribution systems	Personal
Cable TV equipment and wiring	Personal
Camera equipment	Personal
Canopies (generally structural, not awnings)	Real
Canopies (fabric, vinyl, plastic, etc.)	Personal
Carpet (installed as part of flooring)	Real
Car wash equipment	Personal
Catwalks for machinery and equipment	Personal
Cement mixing plants	Personal
Chairs	Personal
CIP (Construction in Progress)	Personal
Closed circuit TV	Personal
Cold storage equipment / partitions / rooms / units	Personal
Cold storage freestanding structures attached to the land	Real
Compressed air or gas systems (other than building heat/air)	Personal
Computer room air conditioning	Personal

Computer room raised flooring	Personal
Computer scanning equipment	Personal
Computers and data lines	Personal
Concrete mixing plants	Personal
Construction and grading equipment	Personal
Control systems for buildings and/or equipment	Personal
Conveyor and material handling systems	Personal
Coolers (walk-in or self-standing)	Personal
Cooling towers constructed & used as part of the building	Real
Cooling towers used for manufacturing	Personal
Counters and reception desks	Personal
Dairy barns	Real
Dairy processing plants (the physical structure)	Real
Dairy processing plants (the equipment – all items)	Personal
Dance floors	Personal
Data processing equipment (all items)	Personal
Deli equipment	Personal
Desks	Personal
Diagnostic center equipment	Personal
Display cases	Personal
Dock levelers	Personal
Drapes and curtains	Personal
Drawings	Personal
Drinking fountains	Personal
Drive-thru windows	Personal
Drying systems	Personal
Dumpsters	Personal
Dust catchers	Personal
Electronic control systems	Personal
Elevators	Real
Escalators	Real
Farm equipment	Personal
Fencing (inside, required for safety as part of the business)	Personal
Fencing (outside, perimeter, on commercial properties)	Real
Flagpoles	Personal
Foundations (required for buildings as real property)	Real
Foundations (for machinery and equipment)	Personal
Freight charges	Personal
Fuels (held for business and not for sale)	Personal
Furnaces used as part of the business or manufacturing process	Personal
Furniture and fixtures	Personal
Gazebos	Real
Golf courses – all improvements	Real
Greenhouses permanently affixed to the land	Real
Greenhouses portable	Personal
Greenhouse equipment, benches, fans, heating systems	Personal

Heating systems for the comfort of employees or residents	Real
Heating systems for the purpose of the business or manufacturing	Personal
Hoppers	Personal
Hospital systems, equipment and piping	Personal
Hot air balloons	Personal
Hotel/motel televisions, wiring, furniture and fixtures	Personal
Humidifiers for business and manufacturing processes	Personal
Incinerators	Personal
Industrial piping and wiring for business and manufacturing processes	Personal
Installation costs	Personal
Irrigation equipment	Personal
Kilns	Personal
Kitchen equipment, residential	Personal
Kitchen equipment, commercial and/or industrial	Personal
Laboratory equipment	Personal
Lagoons / settling ponds	Real
Land	Real
Laundry bins and equipment	Personal
Law and professional libraries	Personal
Leased equipment	Personal
Lifts other than elevators	Personal
Lighting (portable/moveable/special)	Personal
Lighting, including poles for commercial and industrial properties	Real
Lighting – exterior for individual residential purposes	Personal
Machinery and equipment	Personal
Manufactured housing, mobile homes meeting the test of GS 105-273.13(d)	Real
Manufactured housing, mobile homes not meeting the test of GS 105-273.13(d)	Personal
Medical equipment	Personal
Milk-handling equipment	Personal
Mineral rights held separate and apart from the surface fee estate	Real
Mirrors used in commercial or industrial businesses (excluding restrooms)	Personal
Monitoring systems	Personal
Newspaper stands (portable or kiosk styles)	Personal
Night depository systems	Personal
Office equipment	Personal
Office supplies	Personal
Oil company equipment	Personal
Ovens located in residences	Personal
Ovens used for processing and manufacturing	Personal
Overhead conveyor systems	Personal
Package and labeling equipment	Personal
Paging systems	Personal
Paint spray booths	Personal
Partitions (especially those configurable and moveable)	Personal
Paving (concrete or asphalt)	Real
Pneumatic tube systems (typical at banks)	Personal

Process piping	Personal
Playground equipment	Personal
Portable buildings	Personal
Power generator systems	Personal
Power transformers	Personal
Public address systems	Personal
Railroad sidings	Real
Refrigerator systems	Personal
Repairs to buildings, especially structural	Real
Restaurant furniture, including that permanently attached	Personal
Restaurant kitchen equipment (commercial grade)	Personal
Returnable containers	Personal
Roll-up doors, especially exterior door locations	Real
Roll-up doors, especially interior locations	Personal
Roofing	Real
Room dividers and/or partitions	Personal
Rooms, special purposes	Personal
Safes, wall or self-standing	Personal
Sales / use tax	Personal
Satellite dishes	Personal
Scale houses	Real
Scales used in commercial or industrial businesses	Personal
Security systems	Personal
Service station equipment (pumps, tanks, etc.)	Personal
Sewer systems	Real
Shelving	Personal
Signs	Personal
Sinks, as part of residential plumbing fixtures	Real
Sinks, as part of a commercial kitchen area	Personal
Software, especially where capitalized	Personal
Sound systems and projection equipment	Personal
Spare parts (should be listed BPP as supplies)	Personal
Speakers	Personal
Spray booths	Personal
Sprinklers, generally finished systems (offices), part of fire protection	Real
Sprinklers, generally unfinished systems (industrial) part of fire protection	Real
Supplies (office and otherwise)	Personal
Swimming pools (in-ground permanent installations only)	Real
Tanks, surface tanks and below ground tanks	Personal
Telephone systems	Personal
Teller windows (bank)	Personal
Theatre screens (indoor)	Personal
Theatre seats	Personal
Tooling equipment, dies and molds	Personal
Towers, microwave, equipment, wiring and foundations	Personal
Towers, TV, radio, CATV, two-way radio and all wiring	Personal

Transportation costs for all equipment	Personal
Tunnels not part of any processing system	Real
Tunnels part of a processing system such as hydro-electric power	Personal
Upgrades to equipment	Personal
Vacuum system, especially when used for processing (manufacturing)	Personal
Vaults (excluding vault doors)	Real
Vault doors	Personal
Vending machines	Personal
Vent fans	Personal
Ventilation systems (part of the building mechanical system)	Real
Ventilation systems (part of the required manufacturing process)	Personal
Video tapes, movies, reels, and other specialized equipment	Personal
Wall covering, paneling, drywall, etc. excluding wallpaper, paint, etc.	Real
Water coolers	Personal
Water lines required for manufacturing process	Personal
Water tanks and systems required for manufacturing process	Personal
Whirlpools, Jacuzzi, hot tubs	Personal
Wiring for machinery and equipment	Personal