REQUEST FOR BOARD ACTION

Henderson County Board of Commissioners

Meeting Date: December 19, 2007

Subject: Water Line and Sewer Line Extensions

Attachments: 1. Water Line and Sewer Line Extension – Orchards at Flat Rock,

Phase II

Summary of Request:

The City of Hendersonville has requested that the County comment on the proposed water line and sewer line extension. City of Hendersonville Project Summary Sheet, with vicinity map, project map, and county review sheet, are attached for Board review and action.

Board Action Request:

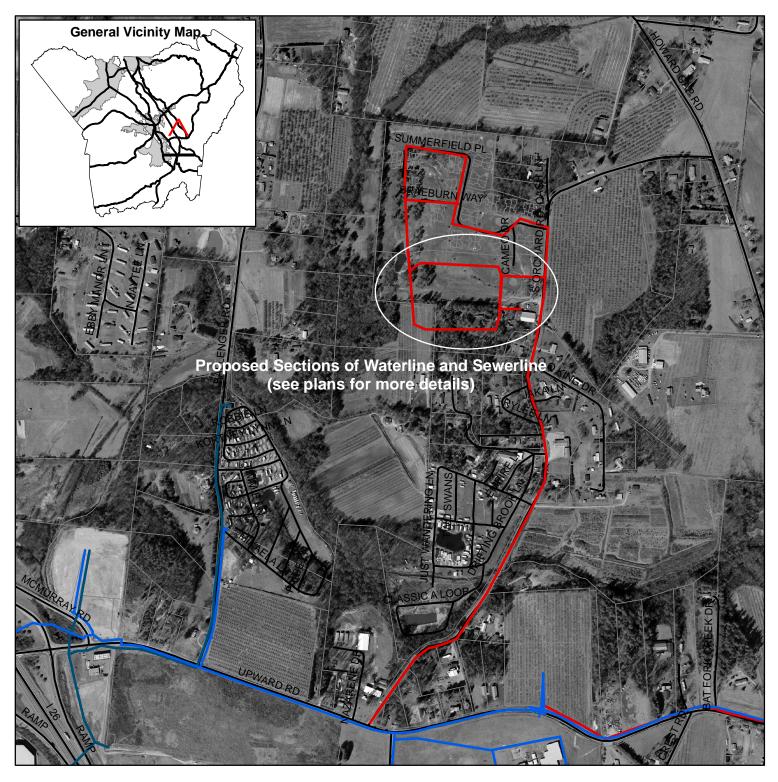
Action by the Board of Commissioners is needed to either grant or deny this request. If the Board decides to approve the requested extension the following motion has been provided.

Suggested Motion:

I move that the Board approve the water line and sewer line extension for Phase II of the Orchards at Flat Rock and direct Staff to convey the County's comments to the City of Hendersonville.

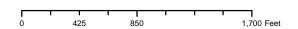
HENDERSON COUNTY REVIEW OF CITY WATER LINE EXTENSIONS

Project Name:	The Orchards at Flat Rock, Phase II							
Size of Water Line	(Main & Distribution Pipe Size): 2,240' of 8" DIP – 305' of 6" DIP – 320" of 4" DIP							
County Staff Revie	wing Extension: Rocky Hyder, Fire Marshal; Matt Card, Planner							
Has the project bee	⊠ Yes	□ No	□ N/A					
Date reviewed:	11/21/06							
Action:	Approved with Conditions.							
Conditions:	Standard Conditions.							
Comments:								
Has the project bee	en reviewed under the County Manufactured Park Ordinance?	☐ Yes	□ No	⊠ N/A				
Date reviewed:								
Action:								
Conditions:								
Comments:								
Has the project had	en reviewed under the County Zoning Ordinance (i.e. Special-Use or Conditional-Use Permit)?			\boxtimes				
	arrieviewed ander the county zoning ordinance (i.e. special-osc of conditional-osc i ciring:	Yes	No	N/A				
Date reviewed:	·							
Action:								
Conditions: Comments:								
Comments.								
Is the project subje	☐ Yes	⊠ No	□ N/A					
If yes, explain:								
Does the project co	⊠ Yes	□ No	□ N/A					
		103	140	14// (
	ave adequate hydrant location and spacing?							
Does the project ha	⊠ Yes	□ No	□ N/A					
Description of hydi	rant type and thread: Mueller Centurion – National Standard Thread							
Does the estimated	I flow rate (gpm) meet fire protection standards? Fore structure spacing of 100" or more.	\boxtimes						
	and the term of th	Yes	No	N/A				
				_				
<u>_</u>	BOARD OF COMMISSIONERS APPROVAL							
	Approved Date of Board Review:		<u> </u>					
	Not Approved Comments:							
\sqcup	Conditional Approval (See Comments)							

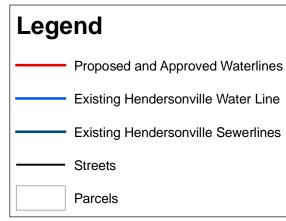


The Orchards at Flat Rock, Phase II

OWNER/DEVELOPER: Lifesytle Homes of Distinction WATER SYSTEM: Public (City of Hendersonville) SEWER SYSTEM: Public (City of Hendersonville)







PROJECT SUMMARY SEWER UTILITY EXTENSION Orchards at Flat Rock – Phase 2

Nover	mbor 15, 2007						
November 15, 2007							
To:	Honorable Mayor and Members of City Council						
From:	Water & Sewer Department Staff						
RE:	STAFF RECOMMENDATION FOR ACCEPTANCE OF SEWER UTILITY EXTENSION AGREEMENT (SUEA)						
This is a project to extend lines to provide sewer service to a Phase 2 of the existing residential development. This project is located on South Orchard Road. This project is under the reviewing jurisdiction of Henderson County and is located within the USA – Urban Services planning area. The entire cost of the proposed sewer line extension is to be paid for by Lifestyle Homes of Distinction, Inc. of Asheville, NC.							
This project requires approximately 2,625 linear feet of Gravity sewer line sized as following:							
Approximate Length: Description: 8" PVC SDR 35							
Pump station required: Yes No.							
The amount of wastewater generated by this project will be approximately 35,680 gallons per day.							
The Reviewing Jurisdiction, listed below, has completed their review of this utility extension request in regard to their adopted land use plan or in terms of its future impact on existing land uses for that local government.							
Reviewing Jurisdiction: Henderson County Approved Disapproved (See attached letter provided to the City by the Reviewing Jurisdiction) Narrative Comments Provided: Yes No							
Signin	g Official: Date:						
Based on the above information, the Water & Sewer Department has the capacity to support this additional infrastructure and associated connections and hereby recommends approval of said project contingent upon final approval of construction plans and specifications by the Water & Sewer Department.							
A motion is needed to approve and accept this project. Suggested wording for motion is as follows: "I move to accept this Sewer Utility Extension Project and to authorize the City Manager to execute the associated Sewer Utility Extension Agreement on behalf of the City."							
Hende	and Sewer Department: Approved Disapproved Date: 11-19-07 irson Co. Commissioners: Approved Disapproved Date: irsonville City Council: Approved Disapproved Date:						

BROOKS ENGINEERING ASSOCIATES, PA



LAND PLANNING

CIVIL ENGINEERING

SURVEYING

ENVIRONMENTAL SERVICES

City of Hendersonville, NC Water & Sewer Department

PROJECT NARRATIVE

TO:

Lee Smith, Utilities Director Water & Sewer Department City of Hendersonville

FROM:

Brooks Engineering Associates, PA

DATE:

November 15, 2007

SUBJECT:

The Orchards @ Flat Rock Subdivision - Phase 2

PIN #: 9588-63-9201-55, 9588-63-3075-55 & 9588-72-3809-55

SEWER UTILITY EXTENSION

An extension of the existing sewer main(s) located in Summerfield Place is required to provide sewer service to the above referenced project. This project is proposed to be a single family development. The sewer extension will serve a total of 98 Units generating an estimated 35,680-gallons per day of sanitary sewer for treatment by the City. The proposed site is currently owned and being developed by:

Bruce Alexander, President Lifestyle Homes of Distinction, Inc.

84 Peach Tree Road, Suite 200

Office: (828) 274-1004

Email: balexander@lifestylehomes.net

AULINC 28803

At the present time, Bruce Alexander with Lifestyle Homes of Distinction will be responsible for signing the Sewer Utility Extension Agreement (SUEA) with the City of Hendersonville.

The project will consist of approximately 2,625 lineal feet of 8-inch sewer pipe. For more information regarding this proposed project see the accompanying plans.

This project is estimated to be completed 90 days after final grading has been completed, assuming favorable weather conditions. I, or an authorized representative of my company, will be observing and monitoring the progress of construction for this project. Should you have any questions, concerns or comments regarding this project please feel free to contact me.

Sincerely,

Brooks Engineering Associates

Shawn M. Lynch, Pl

PROJECT SUMMARY WATER UTILITY EXTENSION Orchards at Flat Rock, Phase 2

November 15, 2007							
То: Но	Honorable Mayor and Members of City of Council						
From: W	: Water & Sewer Department Staff						
	STAFF RECOMMENDATION FOR ACCEPTANCE OF WATER UTILITY EXTENSION AGREEMENT (WUEA)						
This is a project to extend lines to provide water service to Phase 2 of the existing residential development. This project is located on South Orchard Road. This project is under the reviewing jurisdiction of Henderson County and is located within the USA – Urban Services planning area. This project will not involve an IBT (Interbasin Transfer) from the French Broad River Basin. The entire cost of the proposed water line extension is to be paid for by Lifestyle Homes of Distinction, Inc. of Asheville, NC.							
This project requires approximately 2,865 linear feet of water line sized as following:							
Approxima 2,240 305 If 320 If	ate Length:	Description: 8" DIP 6" DIP 4" DIP					
Fire Protection will be provided by the installation of 6 fire hydrant(s).							
The Reviewing Jurisdiction, listed below, has completed their review of this utility extension request in regard to their adopted land use plan or in terms of its future impact on existing land uses for that local government.							
Reviewing Jurisdiction: Henderson County Approved Disapproved (See attached letter provided to the City by the Reviewing Jurisdiction) Narrative Comments Provided: Yes No							
Signing O	fficial: (Print)		Date				
Based on the above information, the Water & Sewer Department has the capacity to support this additional infrastructure and associated connections and hereby recommends approval of said project contingent upon final approval of construction plans and specifications by the Water & Sewer Department. A motion is needed to approve and accept this project. Suggested wording for motion is as follows: "I move to accept this Water Utility Extension Project and to authorize the City Manager to execute the associated Water Utility Extension Agreement on behalf of the City."							
Henderso	Sewer Departmen Co. Commission nville City Council:	ers: Approved	Disapproved Disapproved Disapproved	Date: 11-19-07 Date: Date:			

BROOKS ENGINEERING ASSOCIATES,



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City of Hendersonville, NC Water & Sewer Department

PROJECT NARRATIVE

TO:

Lee Smith, Utilities Director Water & Sewer Department City of Hendersonville

FROM:

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SUBJECT:

The Orchards @ Flat Rock Subdivision - Phase 2

PIN #: 9588-63-9201-55, 9588-63-3075-55 & 9588-72-3809-55

WATER UTILITY EXTENSION

An extension of the existing water main(s) located in Summerfield Place that is part of Phase 1 of the project and connection to the water main located along South Orchard Raod is required to provide water service to the above referenced project. This project is proposed to be a single family development. The water extension will serve a total of 98 units. The proposed site is currently owned and being developed by:

Bruce Alexander, President Lifestyle Homes of Distinction, Inc. 84 Peach Tree Road, Suite 200

Office: (828) 274-1004

Email: balexander@lifestylehomes.net

AULINC 28803

The sewer service for this project will be provided by City of Hendersonville.

At the present time, Bruce Alexander with Lifestyle Homes of Distinction will be responsible for signing the Water Utility Extension Agreement (WUEA) with the City of Hendersonville.

The project will consist of approximately 2,240 LF of 8" DIP, 305 LF of 6" DIP and 320 LF of 4" DIP and an air release valve. In addition there will be 6 new hydrants that have been calcualted to flow 500 GPM at the worst case location. For more information regarding this proposed project see the accompanying plans and calculations.

This project is estimated to be completed 90 days after final grading has been completed, assuming favorable weather conditions. I, or an authorized representative of my company, will be observing and monitoring the progress of construction for this project. Should you have any questions, concerns or comments regarding this project please feel free to contact me.

Sincerely,

Brooks Engineering Associates

Shawn M. Lynch, PE

