

**Henderson County  
Solid Waste Transfer Station  
Shed No. 2 Repairs**

**ADDENDUM NO. 1**  
**Issued January 8, 2026**

This addendum becomes part of the Contract Documents, Bid Technical Specifications and Bid Drawings dated December 18, 2025. All concerned are requested to see that this addendum is incorporated into the Construction Drawings, Contract Documents, and Technical Specifications. Bidder shall acknowledge receipt of this addendum. Failure to do so does not remove the Bidder from the responsibility to comply with the changes made in this addendum and may lead to disqualification.

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**Bid Drawings and Specifications Additions, Revisions, and Clarifications**

1. Bid Drawings (see **Attachment A**):
  - a. **REVISE** Sheets G-2, C-1 and CD-1 to include Engineer's seal and signature.
  
2. Specification Section 02050 is revised as follows (see **Attachment B**):
  - a. **REVISE** Paragraph 1.05 A. to state that the County will provide a dumpster for construction spoil materials and will haul to the transfer station at no cost to the Contractor.

**End of Addendum No. 1**

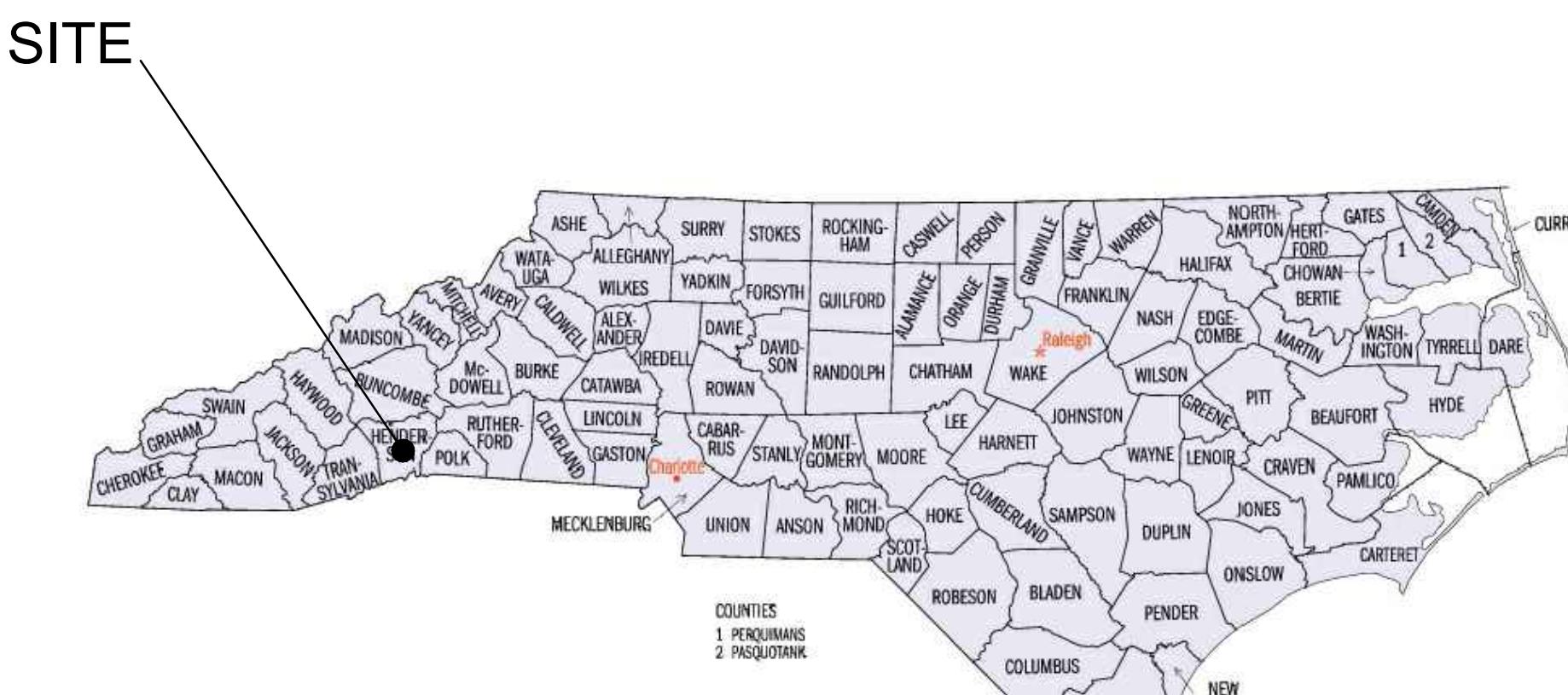
ATTACHMENT A  
REVISED BID DRAWINGS

**BID SET  
HENDERSON COUNTY TRANSFER STATION  
SHED NO. 2 REPAIRS**



## OWNER

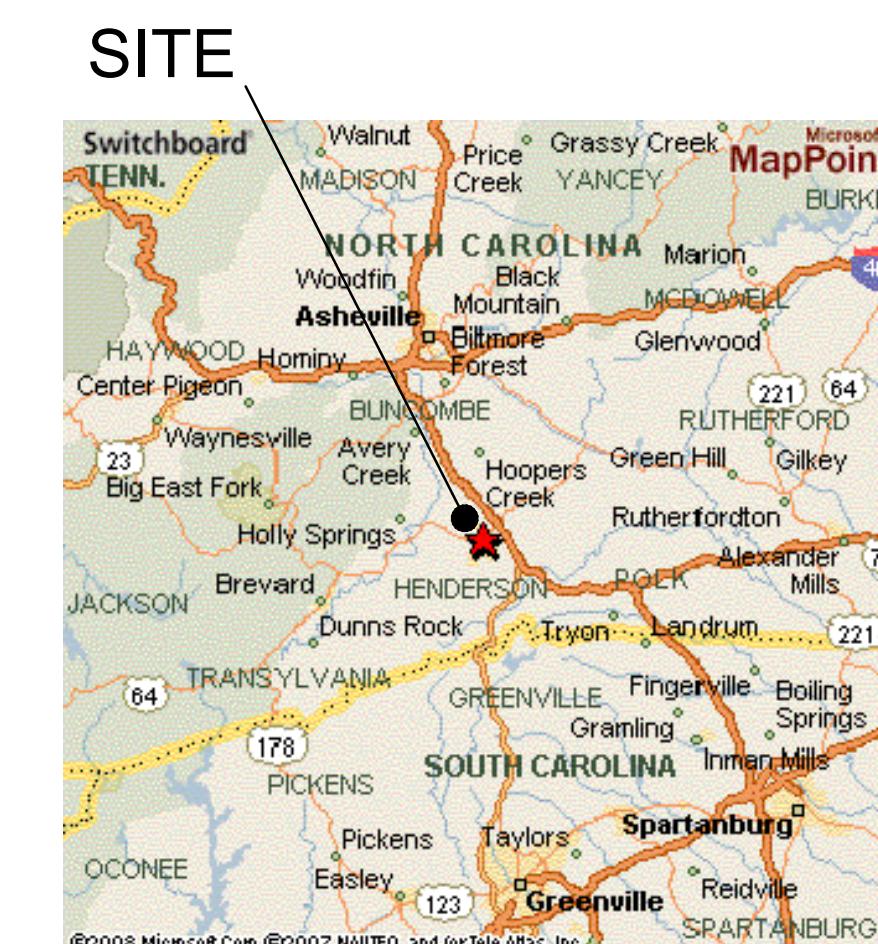
**HENDERSON COUNTY  
SOLID WASTE DIVISION  
191 TRANSFER STATION DRIVE  
HENDERSONVILLE, NC 28792**



# AREA MAP

## SITE ADDRESS

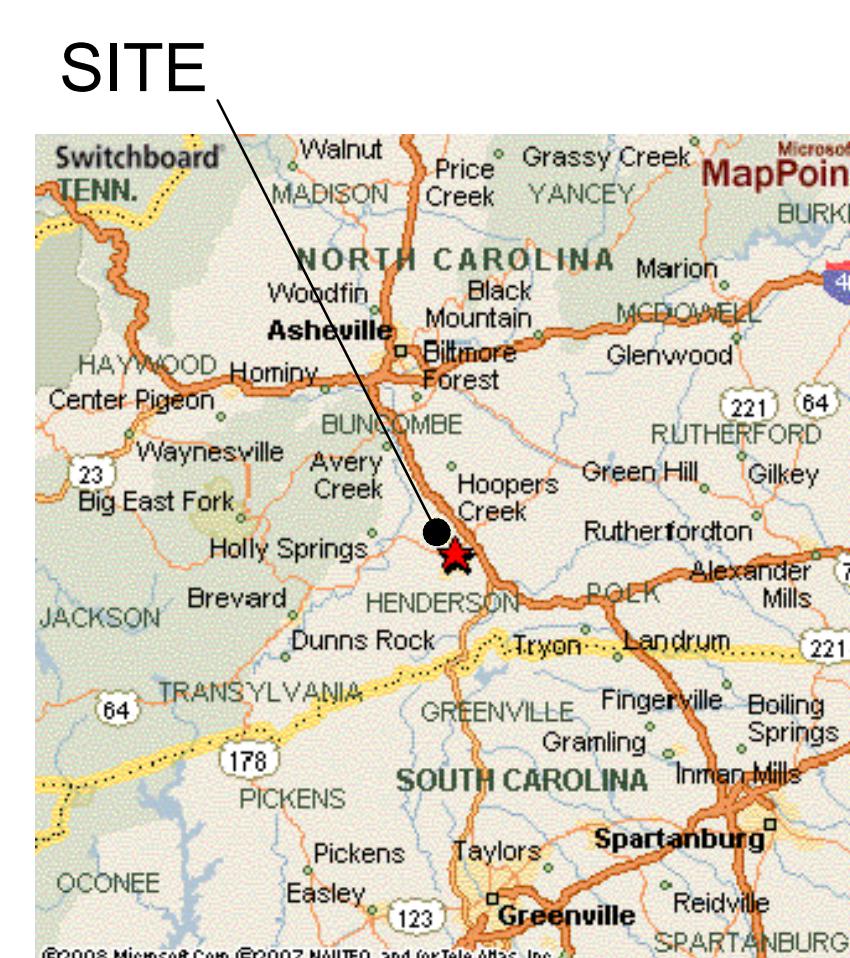
**HENDERSON COUNTY TRANSFER STATION  
191 TRANSFER STATION DRIVE  
HENDERSONVILLE, NC 28791**



# LOCATION MAP

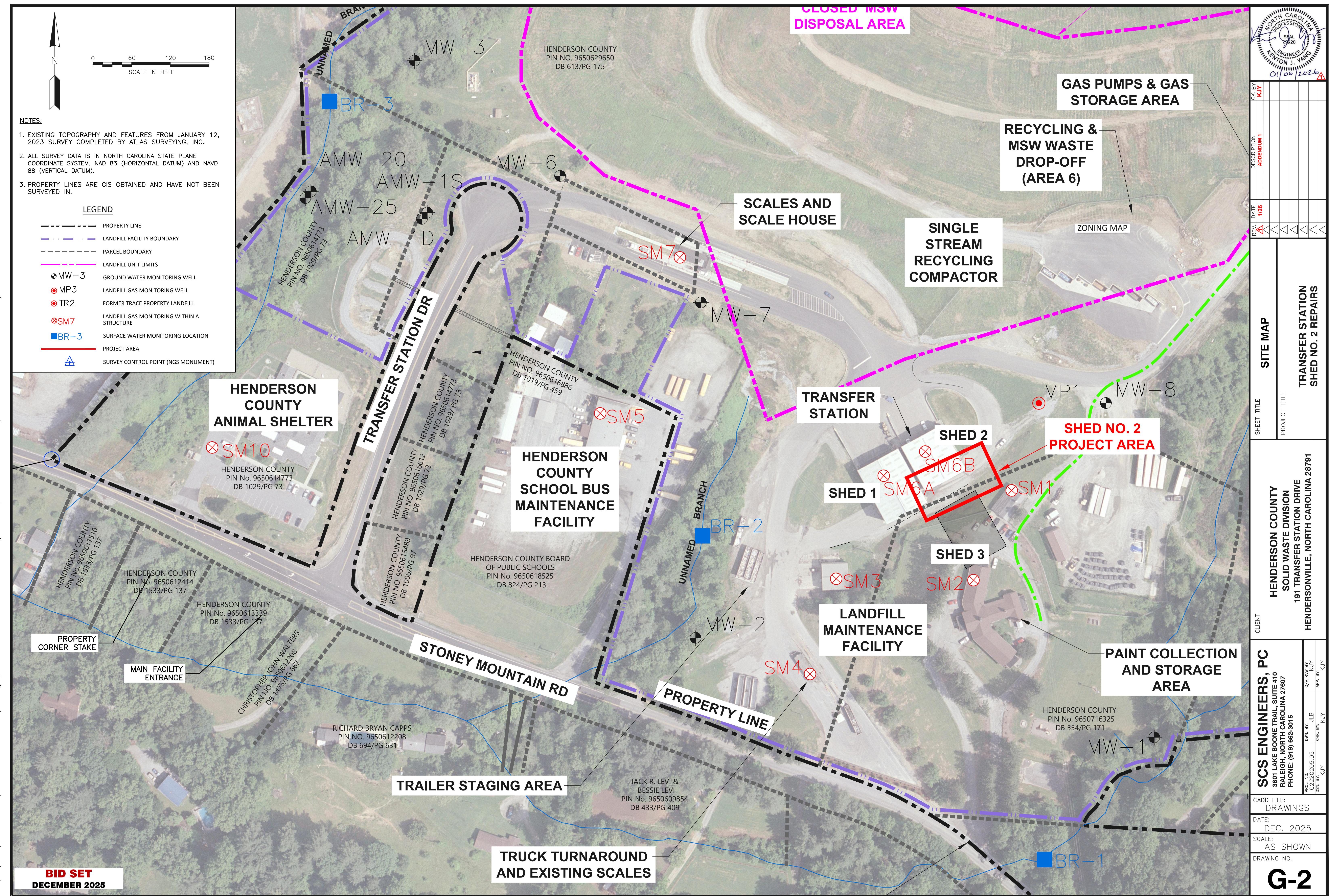
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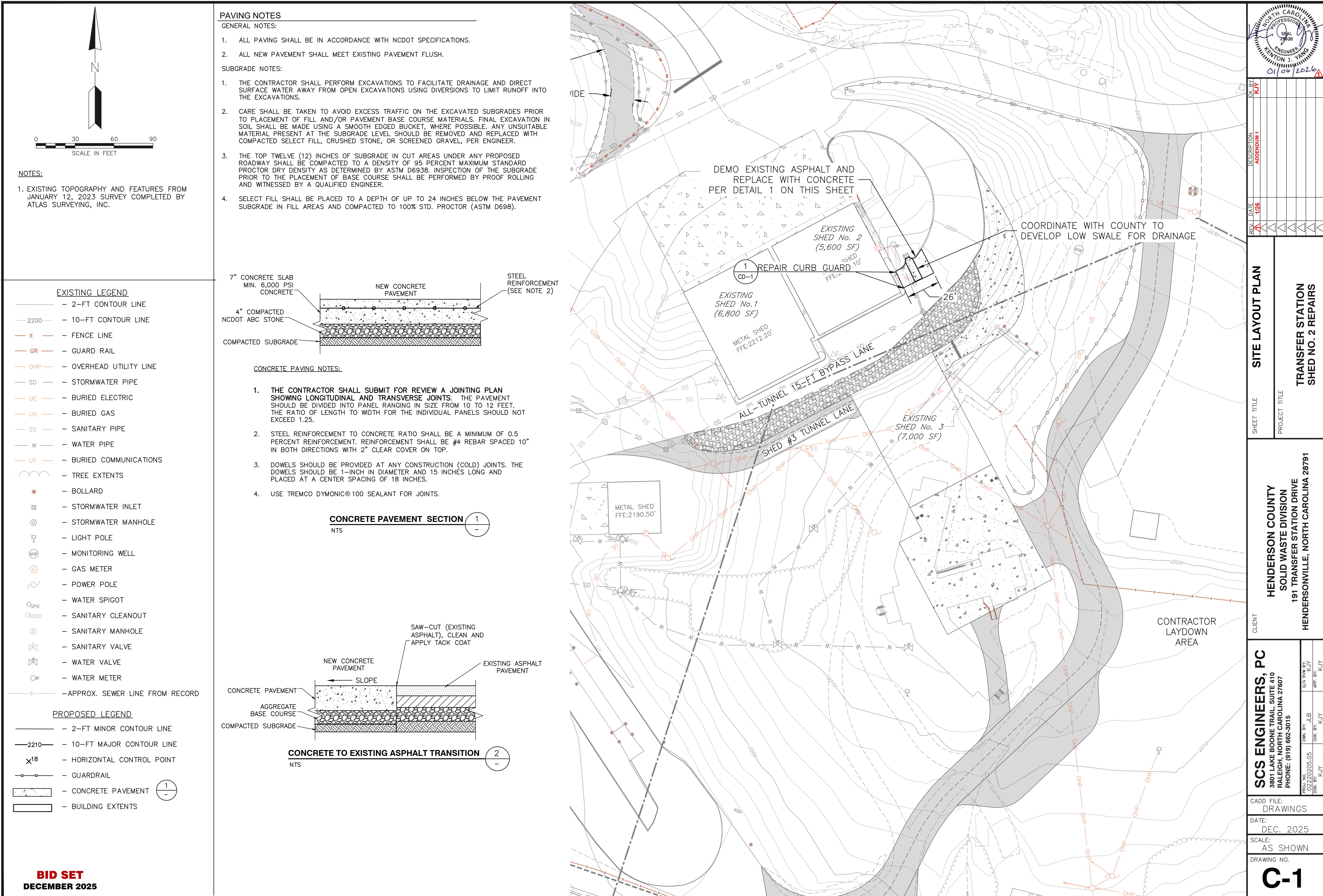
NOT TO SCALE



## INDEX OF SHEETS

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GENERAL	
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S2.2	<b>STRUCTURAL DETAILS</b>
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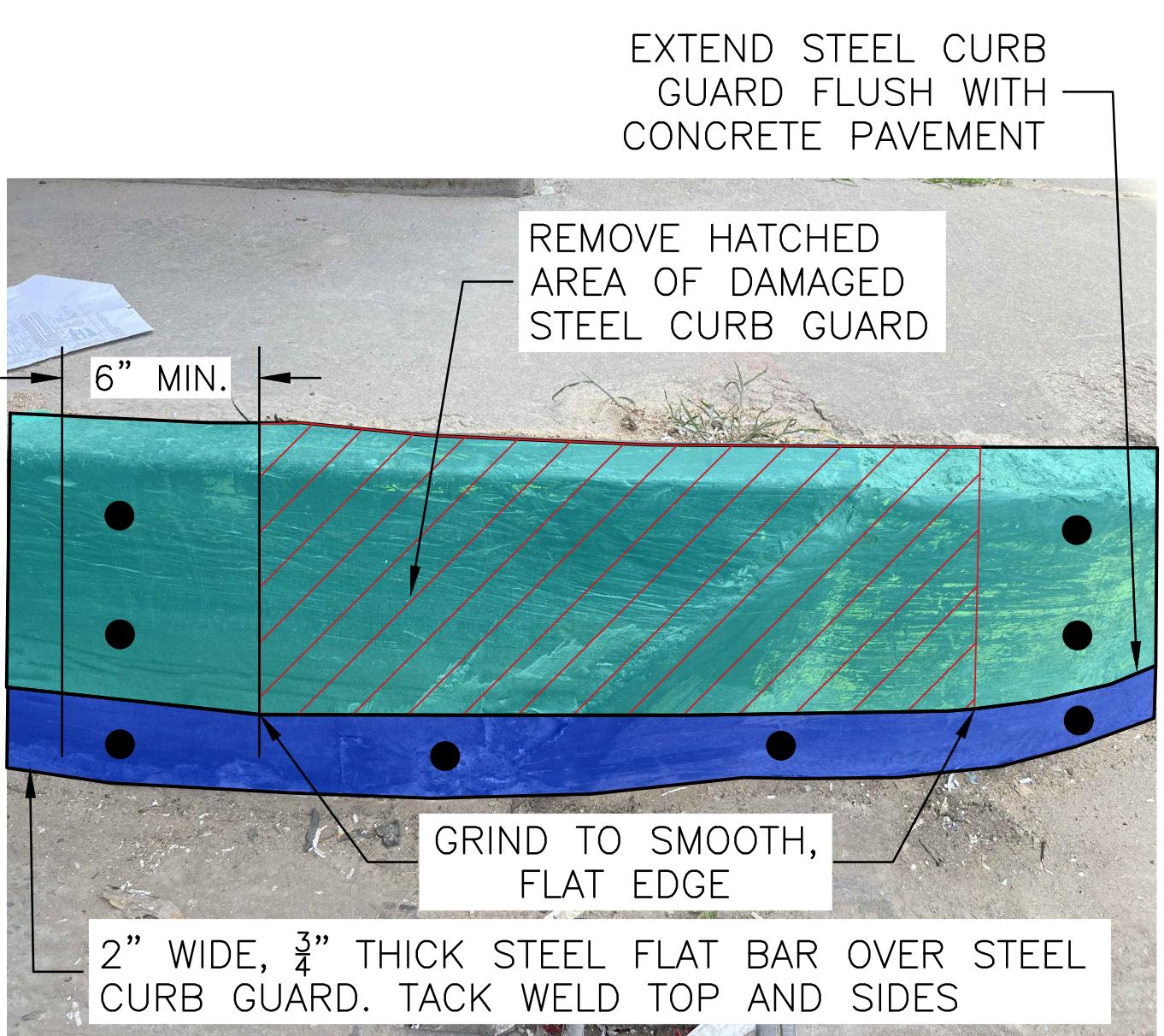
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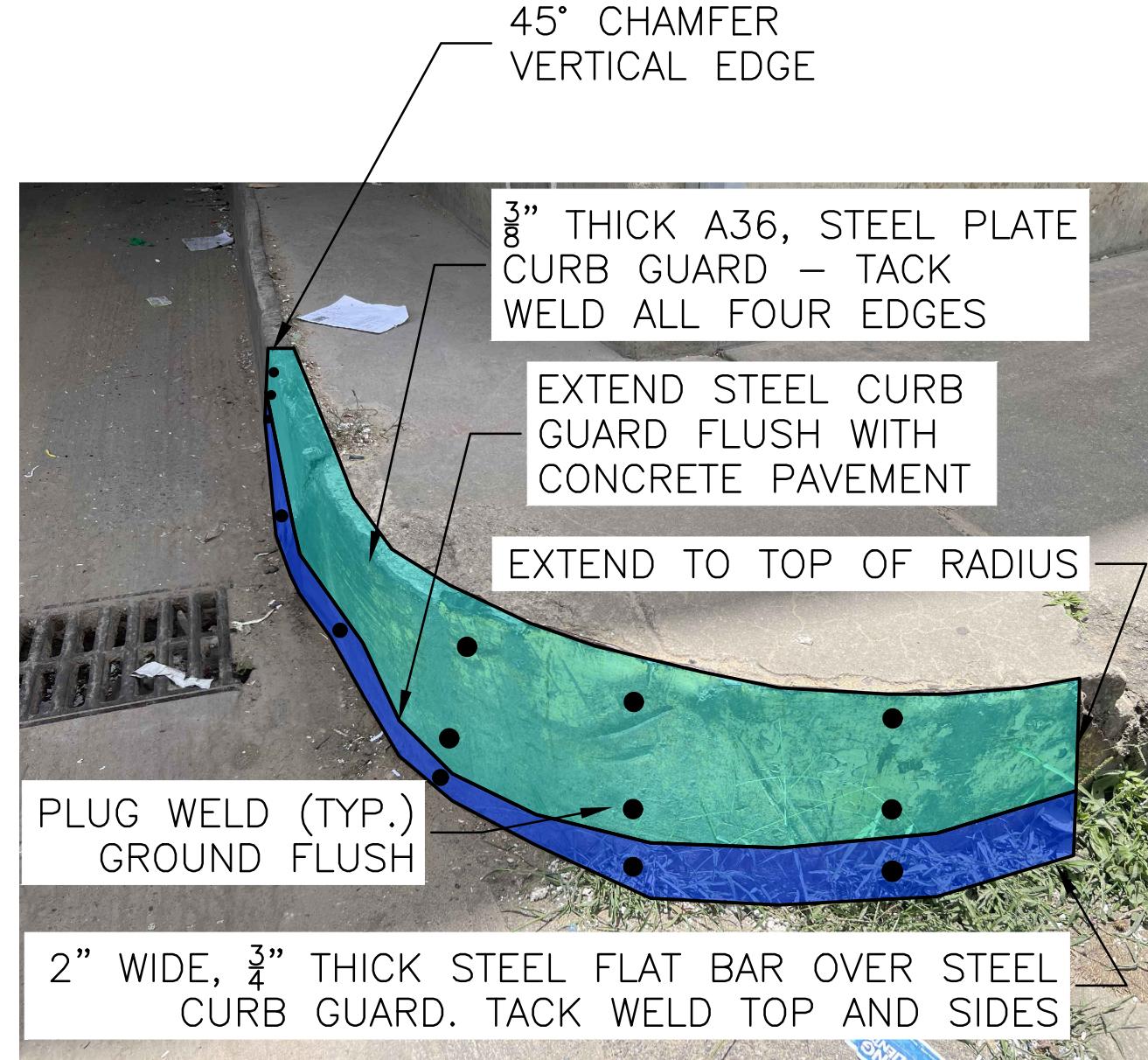


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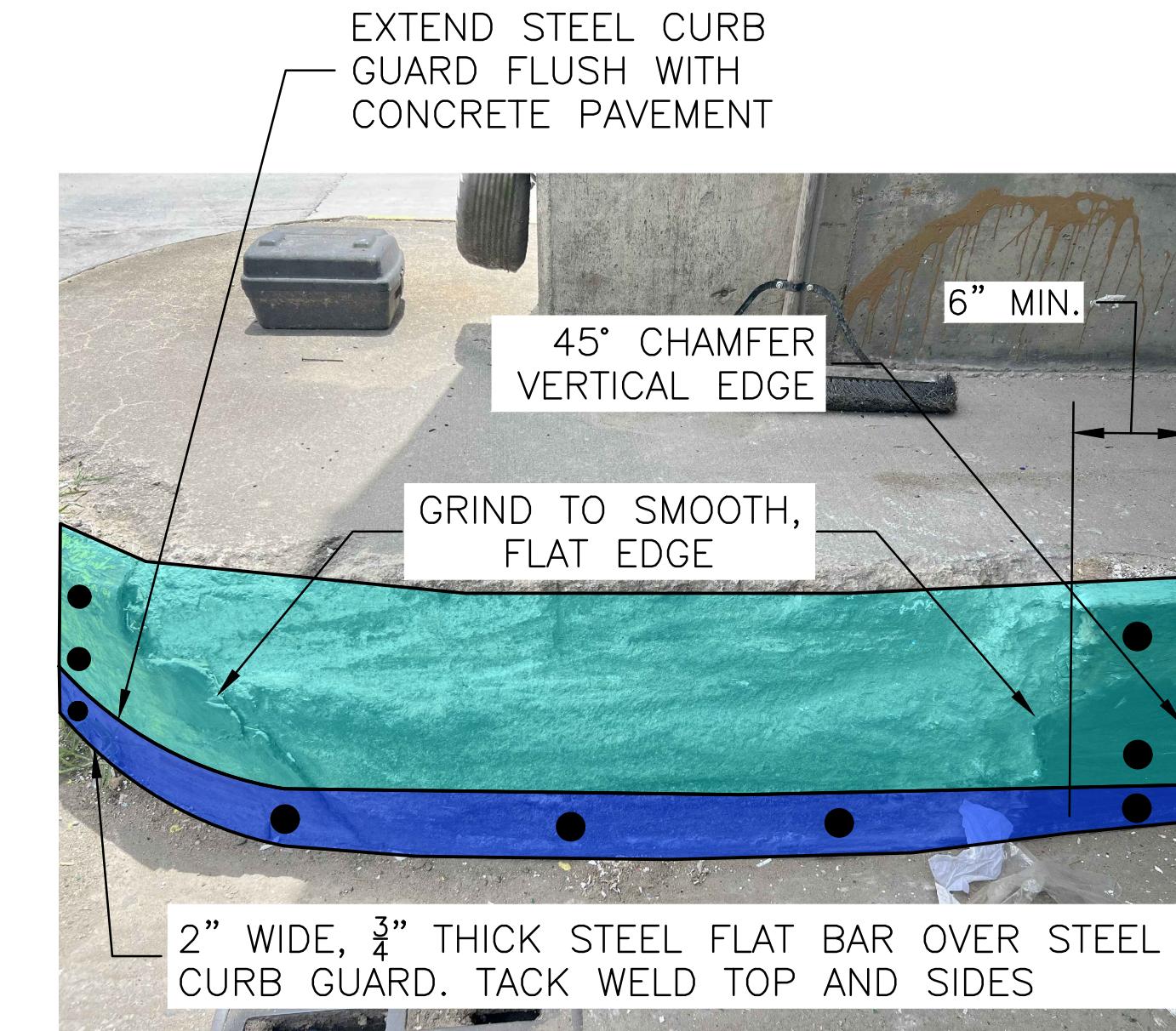


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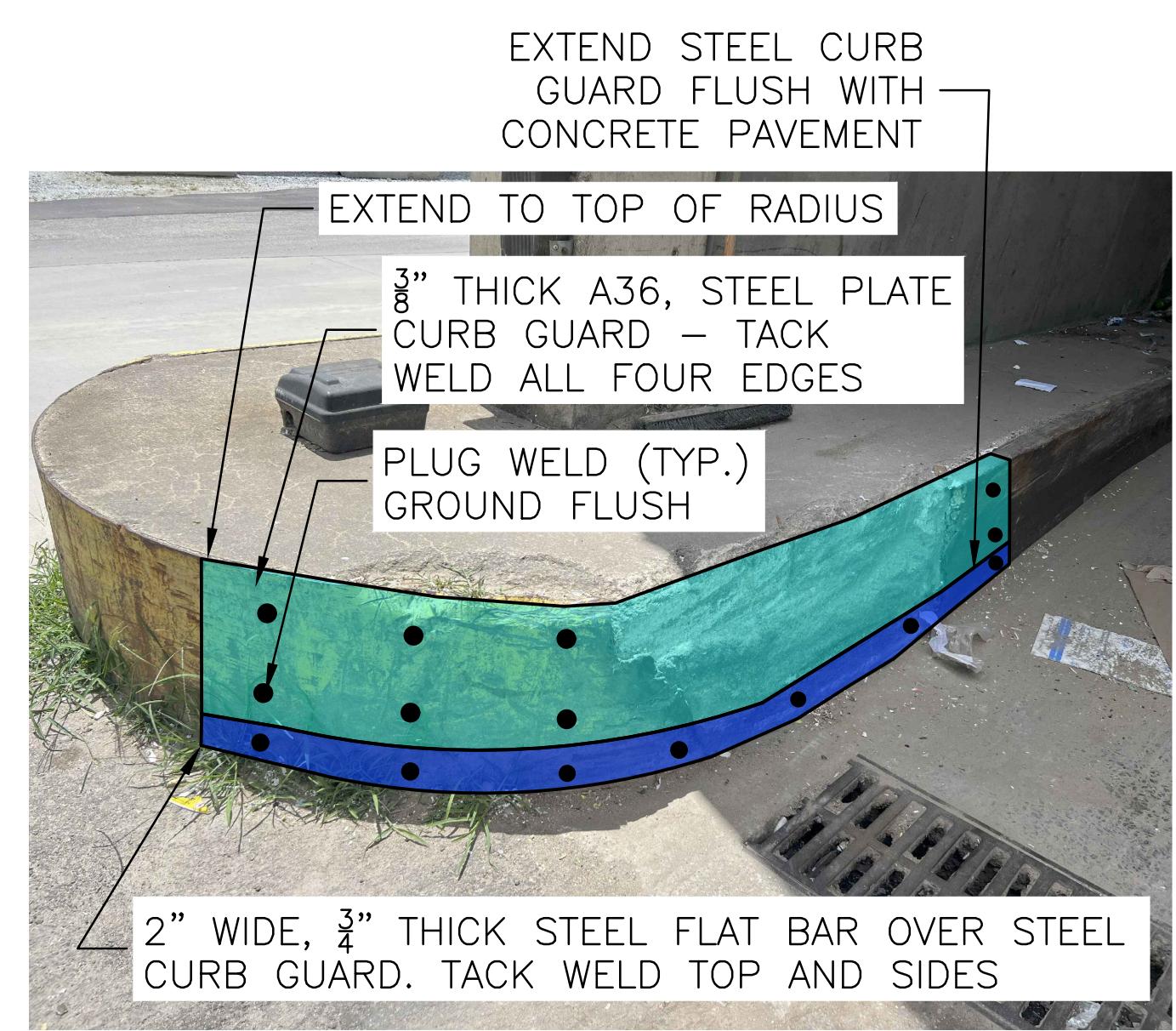
NORTH CURB



REPAIR



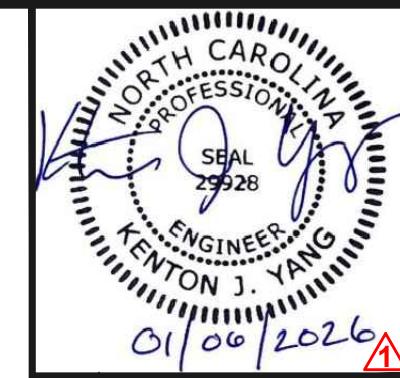
REPAIR



REPAIR

REPAIR CURB GUARD  
NTS

1  
C-1

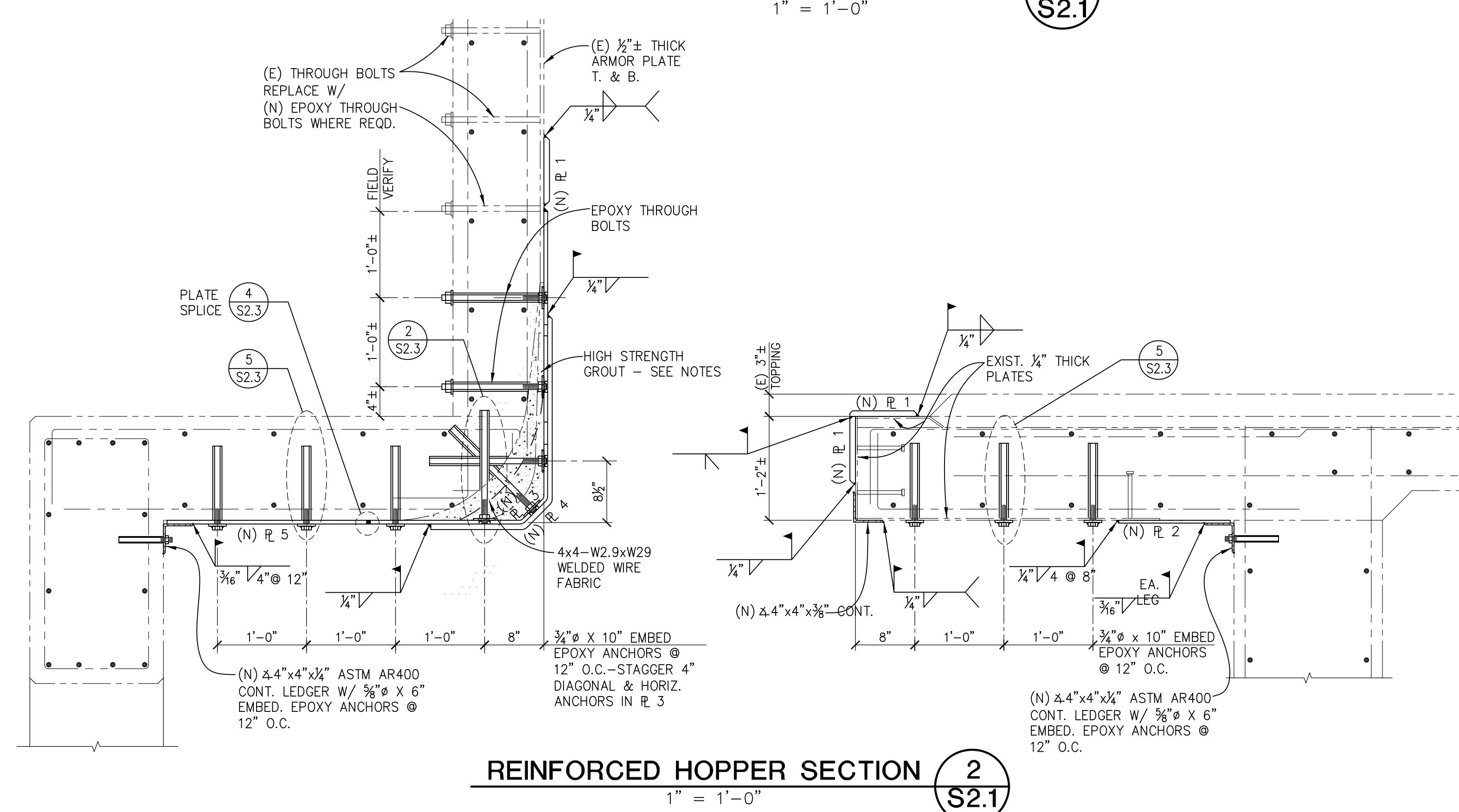
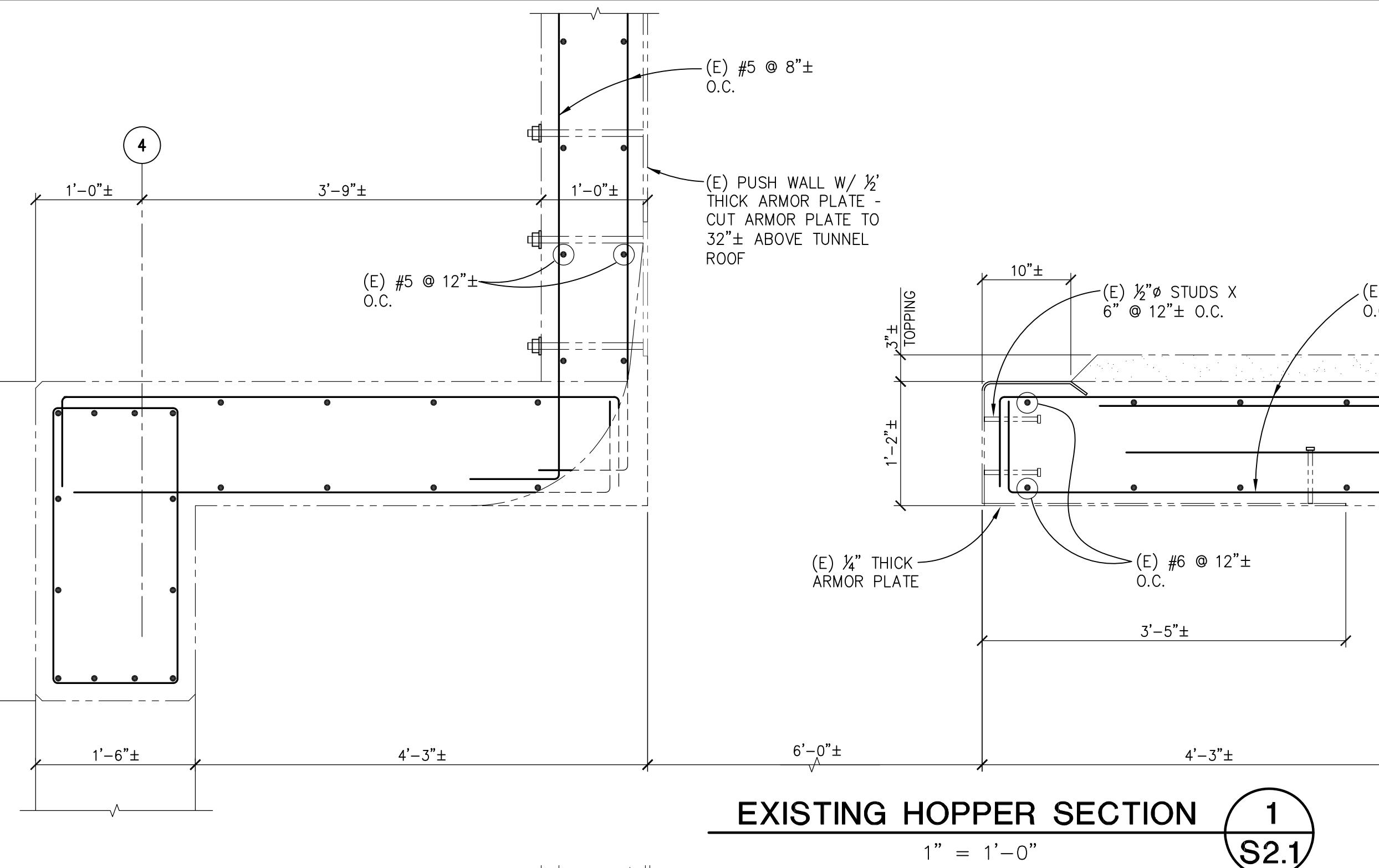
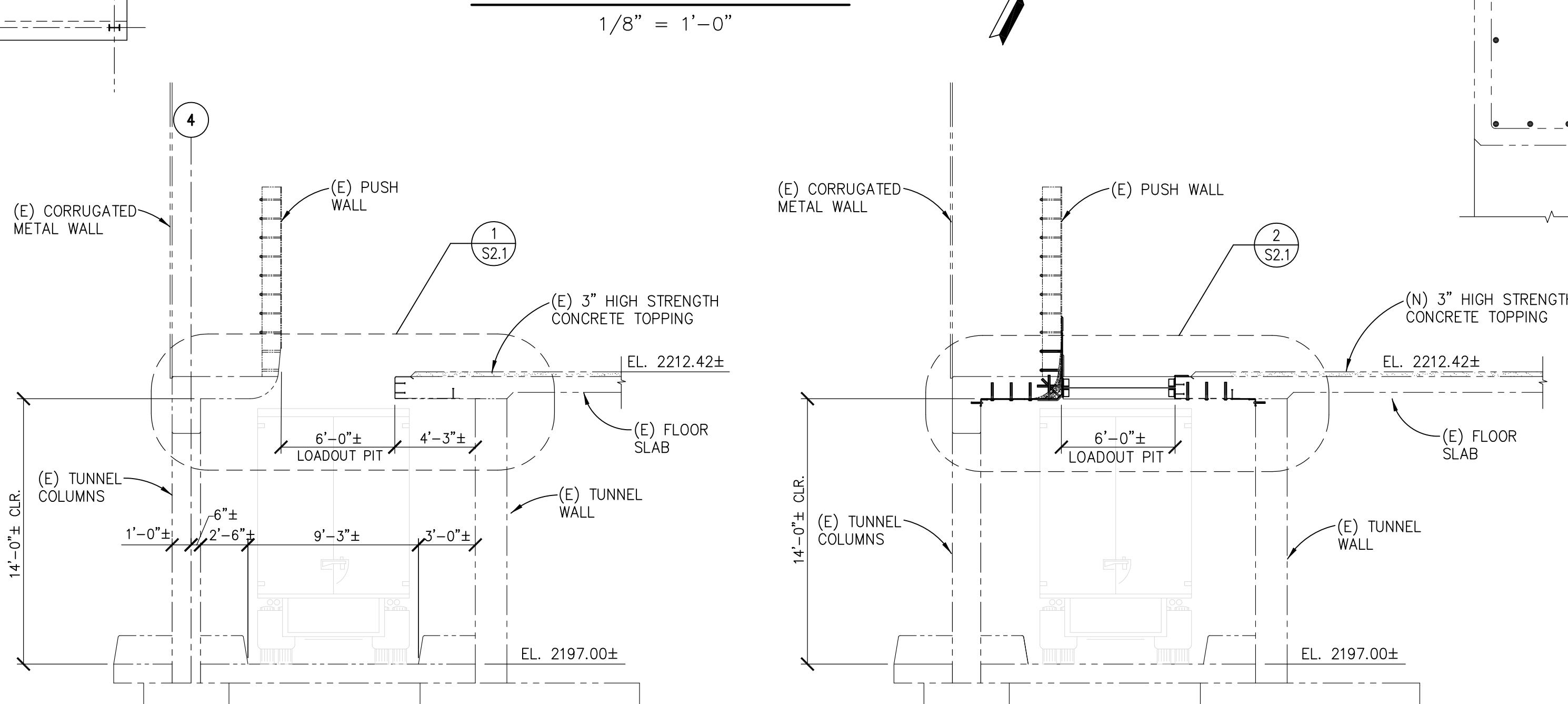
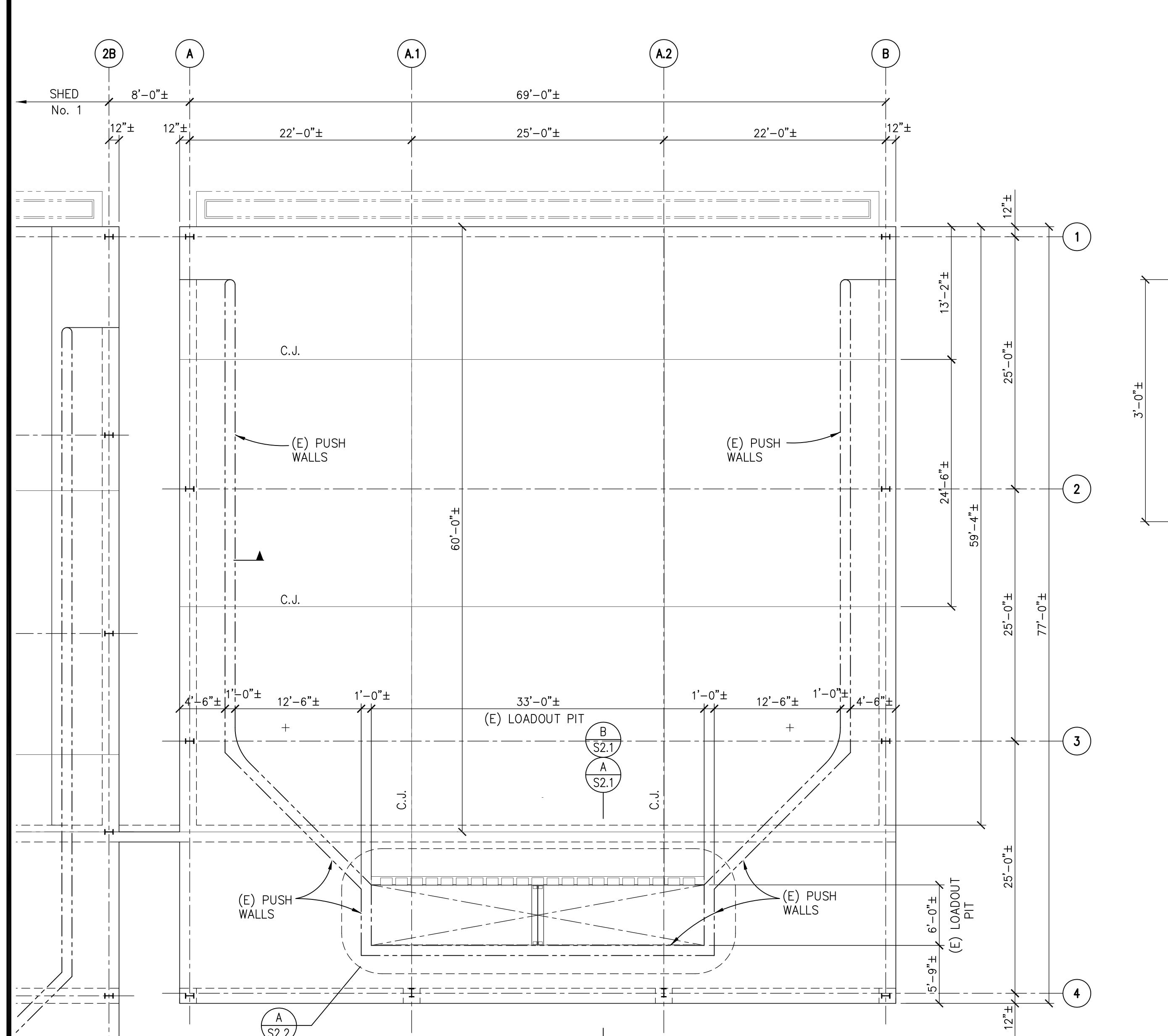


REV. DATE  
1/26  
CK BY  
KJY

DESCRIPTION  
ADDITION 1

1/26  
CK BY  
KJY

1/2



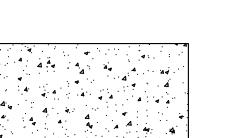
NOTES:

1. EPOXY ADHESIVE FOR EMBEDDED ANCHORS AND THRU-BOLT SHALL BE HILTI-RE 500 V3 (INSTALL PER ICC-ES REPORT No. ESR-3814).
2. SEE DETAIL 1/S2.3 FOR ARMOR AND SACRIFICIAL PLATE THICKNESSES AND DIMENSIONS.
3. INFILL VOIDS BETWEEN ARMOR PLATES AND EXISTING CONCRETE WITH HIGH STRENGTH GROUT, WITH FORM-AND-POUR TECHNIQUES IN ACCORDANCE WITH ACI RAP BULLETIN 4. INSTALLATION OF HIGH STRENGTH GROUT MUST BE IN STRICT ADHERENCE TO PRODUCT MANUFACTURER SPECIFICATIONS. HIGH STRENGTH GROUT FOR INFILL SHOULD BE:
  - SIKA GROUT-885 MF
  - FIVE STAR GROUT
  - OTHER SIMILAR PRODUCT INDICATED FOR THIS TYPE OF APPLICATION AND APPROVED BY THE ENGINEER.
4. FORM AND POUR REPAIRS IN ACCORDANCE WITH ACI RAP BULLETIN 4 MUST INCLUDE:
  - SOUNDING OF EXISTING CONCRETE SURFACE TO LOCATE THE EXTENT OF DELAMINATED OR POORLY BONDED CONCRETE.
  - MARKING THE AREA REQUIRING REPAIR DETERMINED BY SOUNDING.
  - SAW-CUTTING THE PERIMETER OF REPAIR TO A MINIMUM DEPTH OF 1" TO PREVENT FEATHER EDGING.
  - REMOVAL OF ALL CRACKED AND SPALLED CONCRETE UNTIL SOUND SUBSTRATE IS REACHED.
  - CHIPPING AROUND EXPOSED REINFORCING STEEL BARS TO CREATE A MINIMUM OF  $\frac{3}{4}$ " CLEARANCE ALL AROUND THE BARS.
  - APPLICATION OF TWO COATS OF BONDING AGENT SUCH AS SIKA ARMATEC 110 TO THE EXPOSED REINFORCING STEEL PER PRODUCT DATA GUIDE.
  - ENSURING THAT MINIMUM APPLICATION THICKNESS OF HIGH STRENGTH GROUT IS 1".
  - PREPARING THE WORK AREA BY HIGH PRESSURE WATER BLAST, SCABBLER, OR OTHER APPROPRIATE MECHANICAL MEANS, TO OBTAIN AN EXPOSED AGGREGATE SURFACE WITH A MINIMUM SURFACE PROFILE OF  $\pm\frac{1}{6}$ ".
  - REMOVAL OF ALL DETERIORATED CONCRETE, DIRT, OIL, GRASE, LEACHATE, AND ALL BOND-INHIBITING MATERIALS FROM THE CONCRETE SURFACE.
  - PREPARATION OF CONCRETE SURFACE TO BE SATURATED SURFACE DRY (SSD) WITH NO STANDING WATER DURING APPLICATION.
  - CASTING OF THE HIGH STRENGTH GROUT BY POURING INTO THE VOID OR PUMPING FROM THE BOTTOM AND APPROPRIATE VIBRATION.

LEGEND:

(E) INDICATES EXISTING CONSTRUCTION

(N) INDICATES NEW CONSTRUCTION



INDICATES HIGH STRENGTH GROUT FILL

SCS ENGINEERS, PC  
3801 LAKE BOONE TRAIL, SUITE 410  
RALEIGH, NORTH CAROLINA 27607  
PHONE: (919) 662-3015

CADD FILE:  
DRAWINGS

DATE:  
DECEMBER 2025

SCALE:  
AS SHOWN

DRAWING NO.

**S2.1**

SEARCH CARD  
SEA  
PE05-0876  
12-31-2026

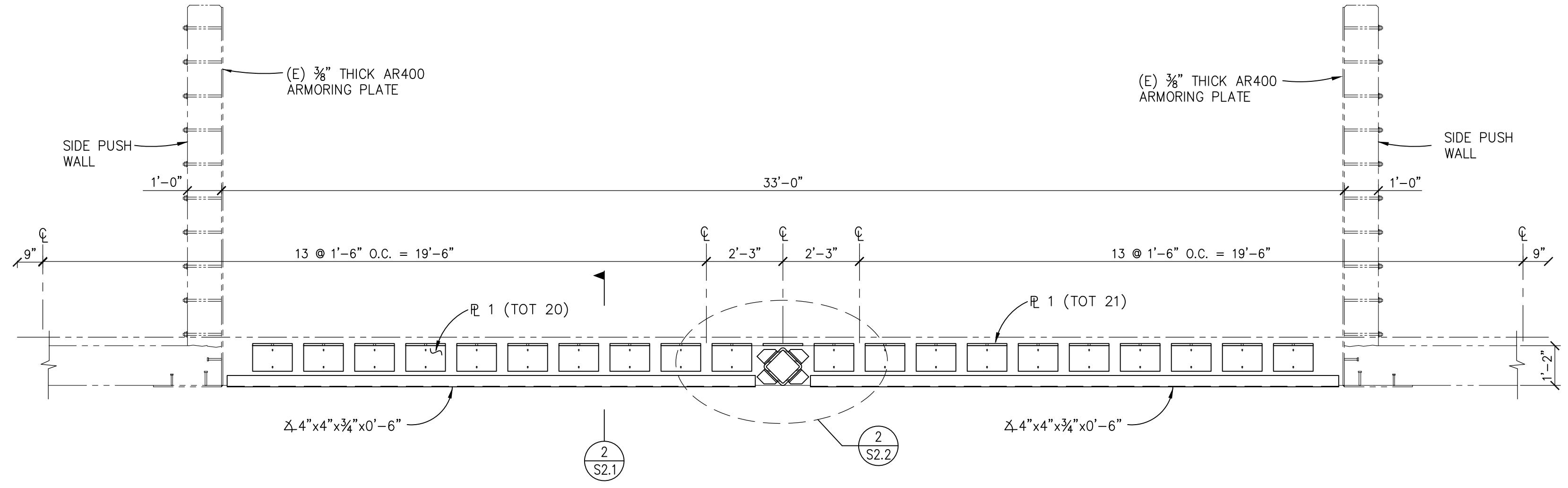
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BY

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12/31/2026

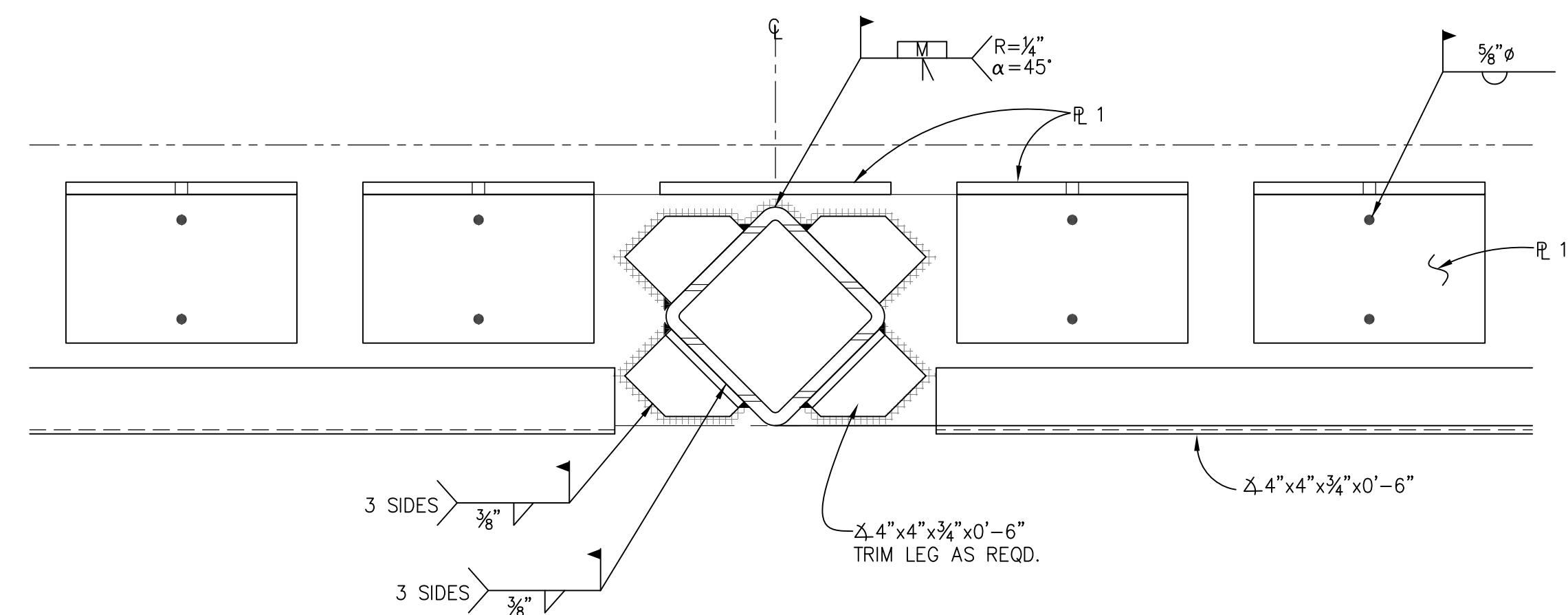
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TRANSFER STATION  
SHED NO. 2

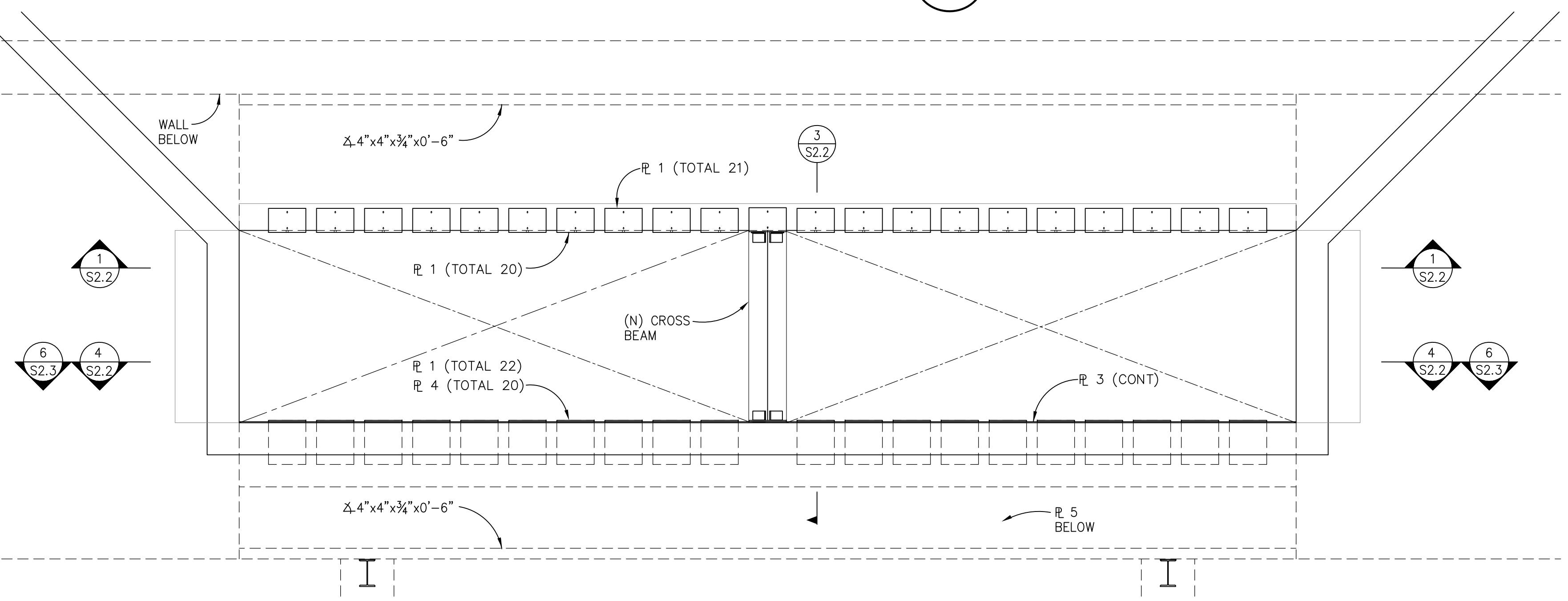
SHEET TITLE  
MAT & FOUNDATION PLAN



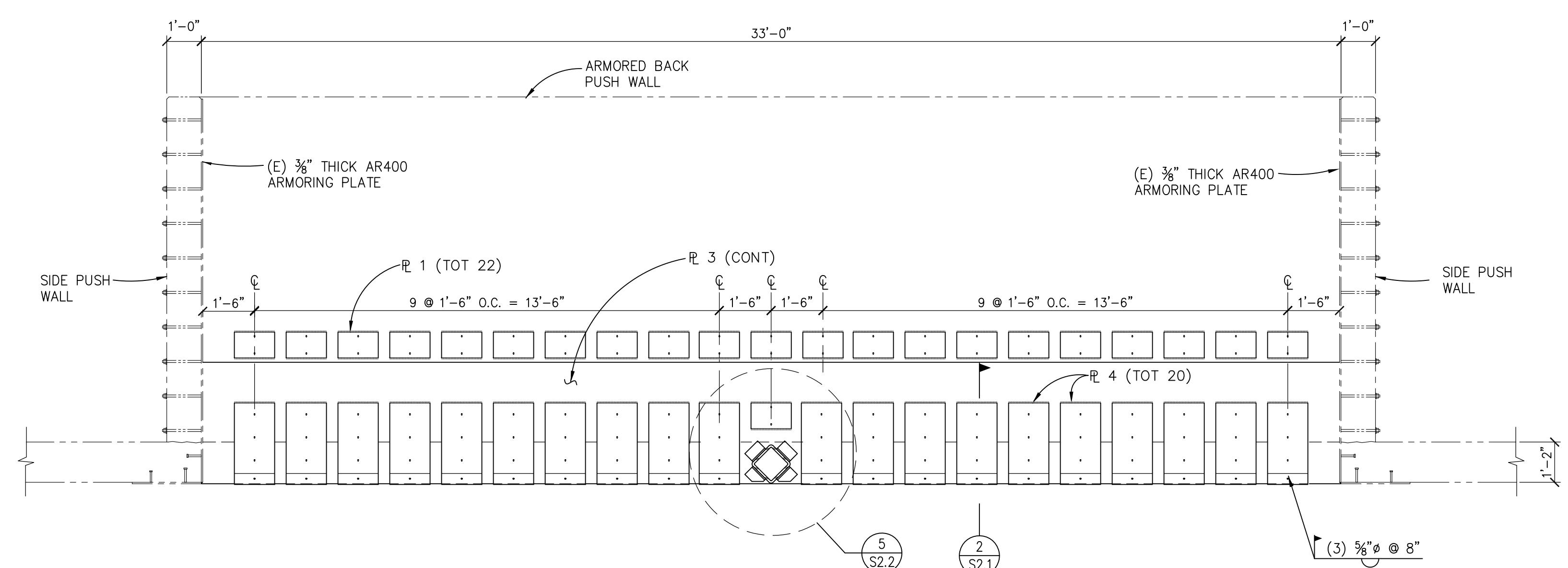
HOPPER FRONT ELEVATION 1  
3/8" = 1'-0" S2.2



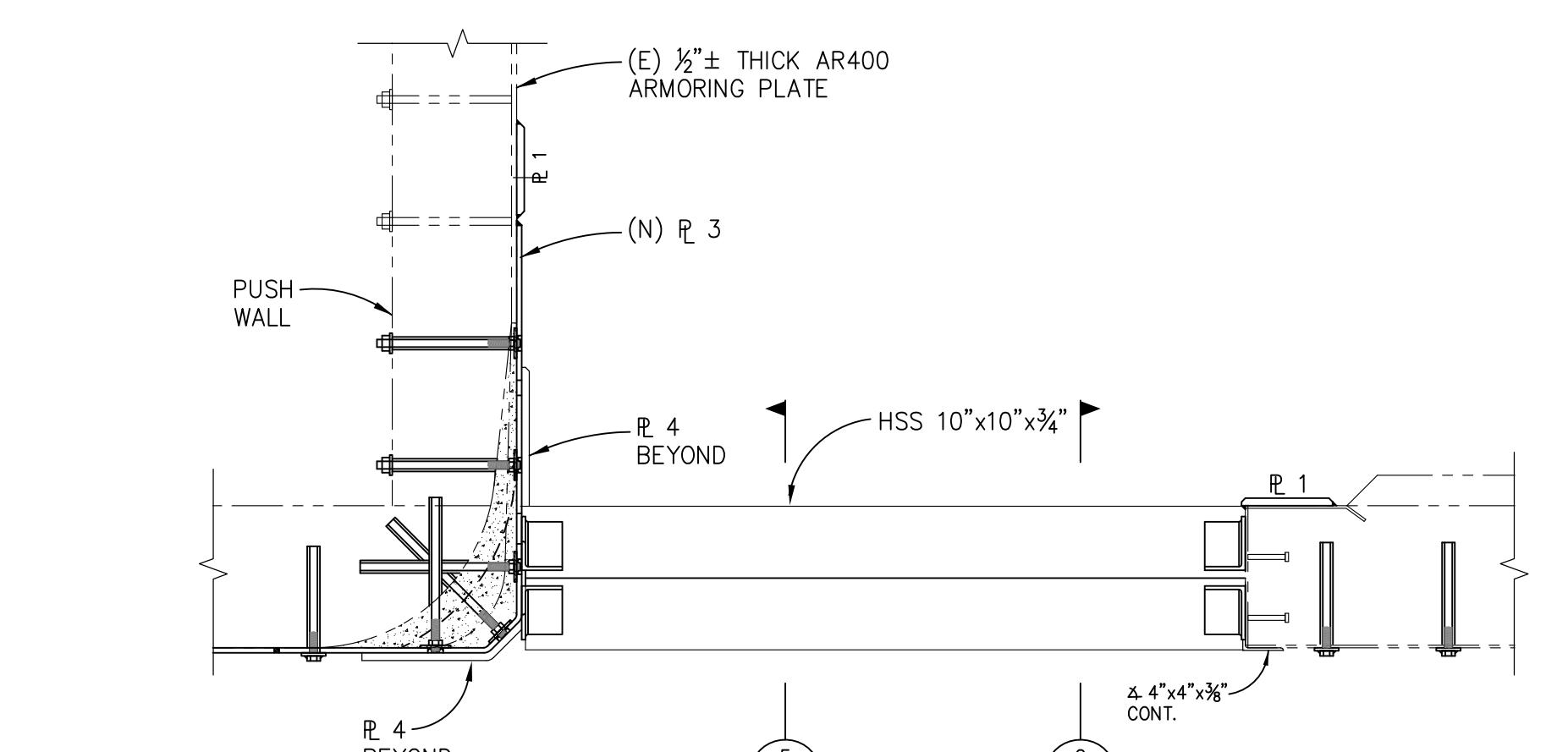
HOPPER CROSS BEAM TO FLOOR 2  
1 1/2" = 1'-0" S2.2



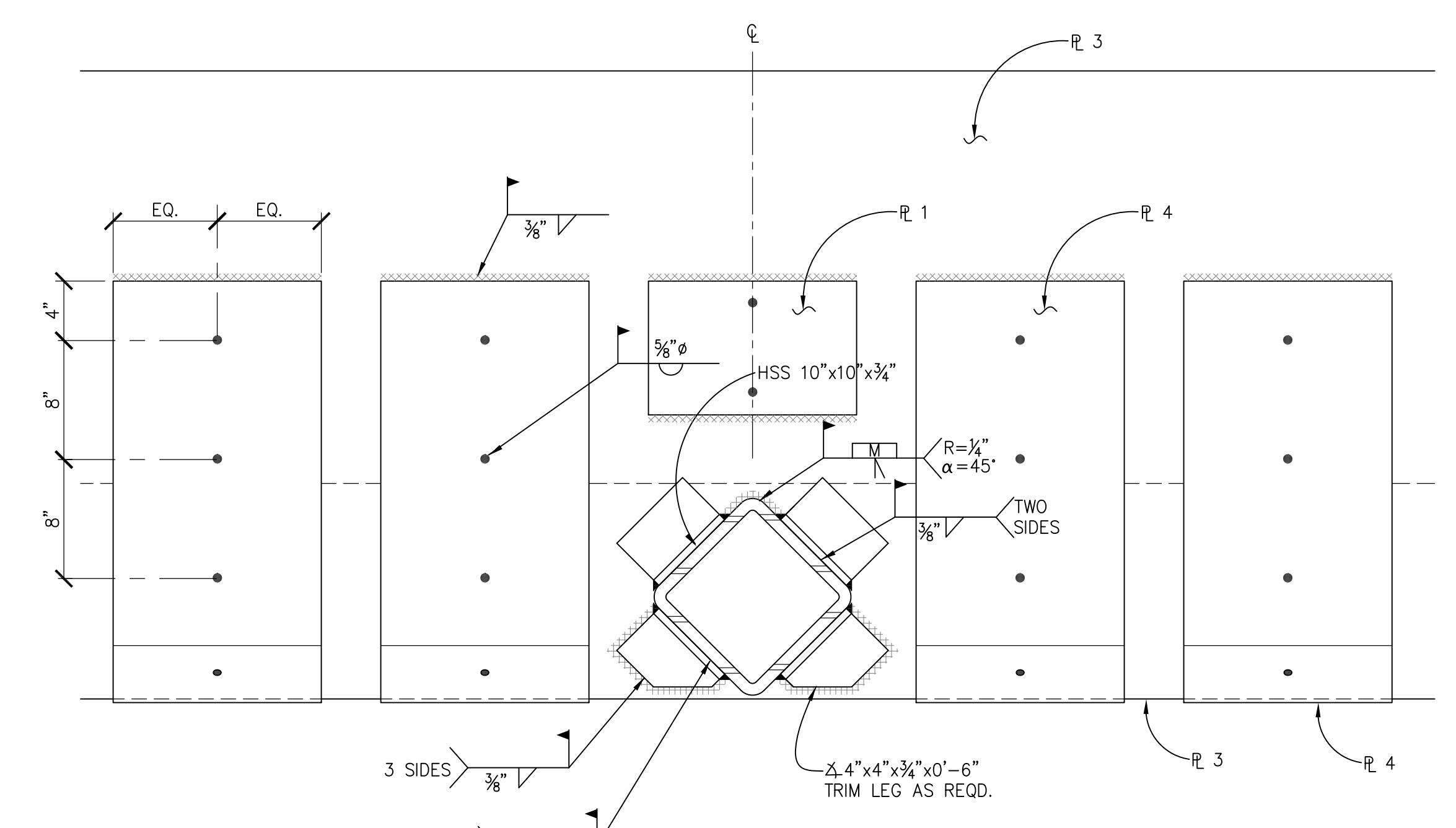
HOPPER PLAN VIEW A  
3/8" = 1'-0" S2.2



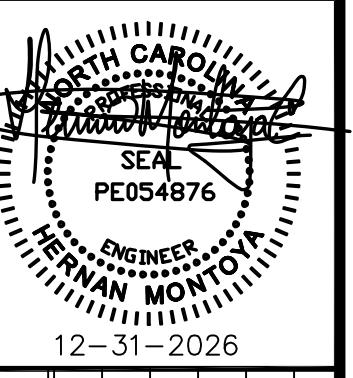
HOPPER BACK ELEVATION 4  
3/8" = 1'-0" S2.2



HOPPER CROSS BEAM 3  
3/4" = 1'-0" S2.2



HOPPER CROSS BEAM TO WALL 5  
1 1/2" = 1'-0" S2.2



12-31-2026  
PE054876

STRUCTURAL DETAILS  
TRANSFER STATION  
SHED NO. 2

STRUCTURAL DETAILS  
PROJECT TITLE

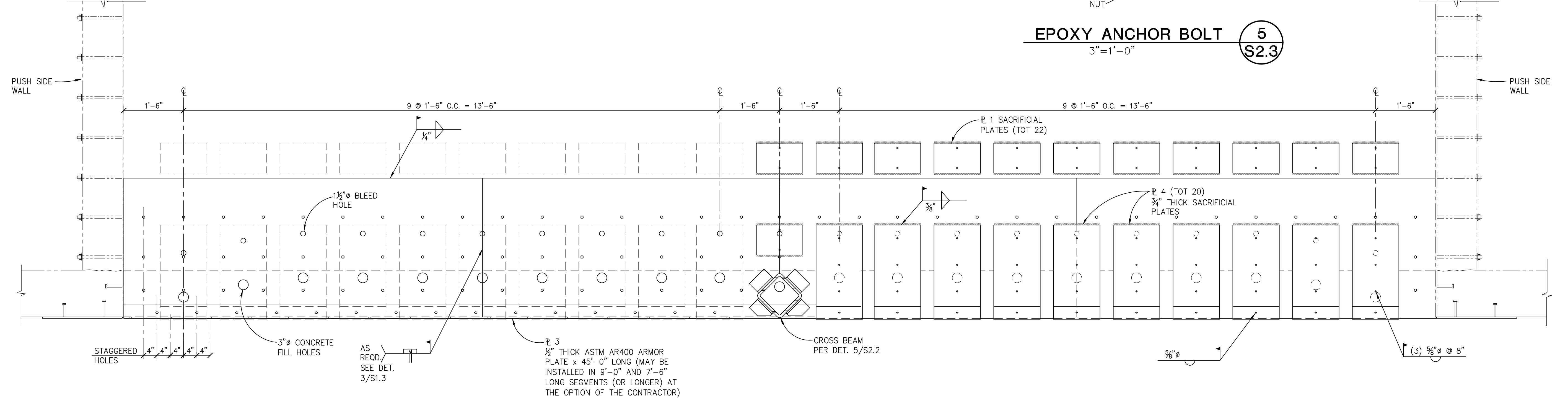
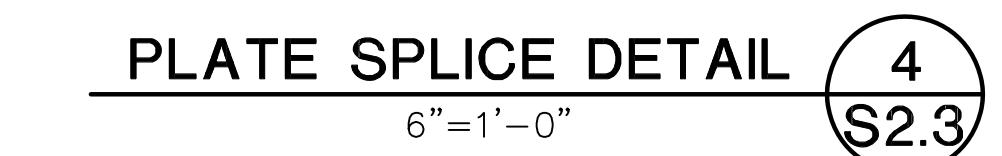
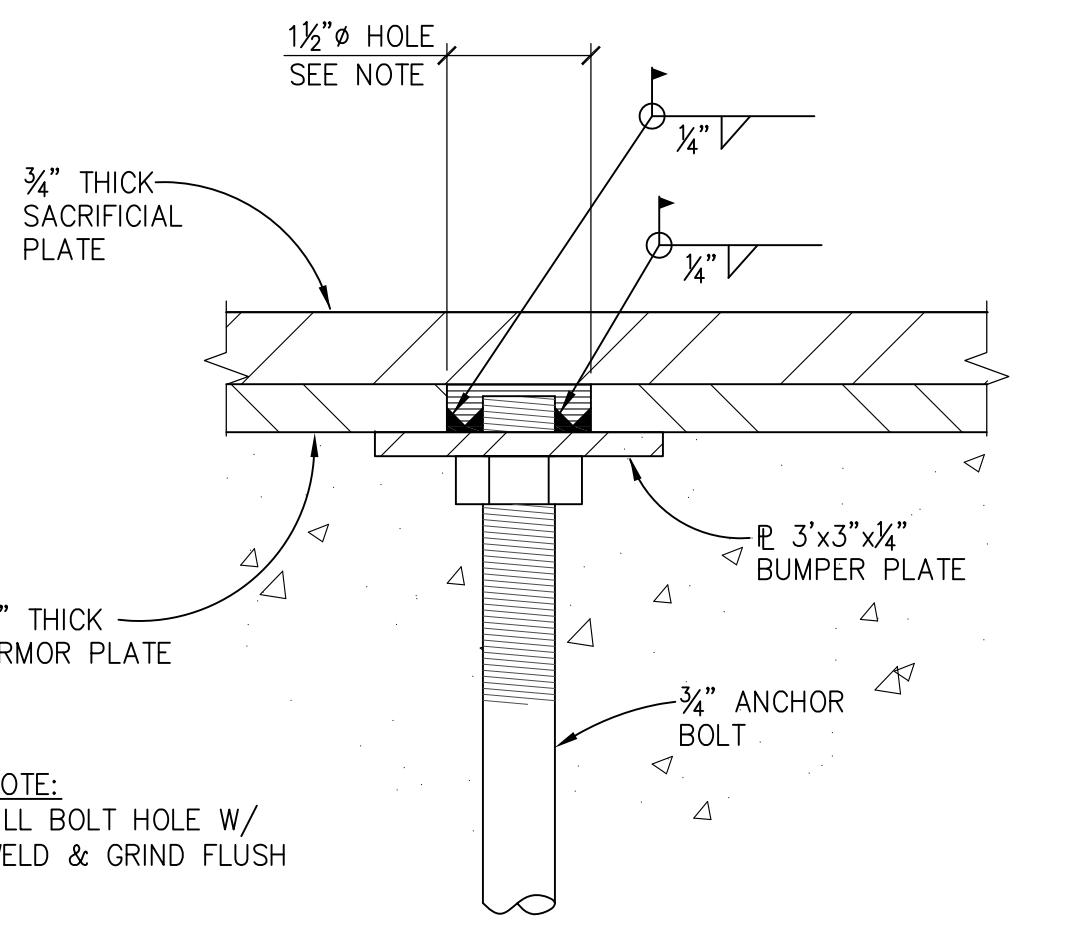
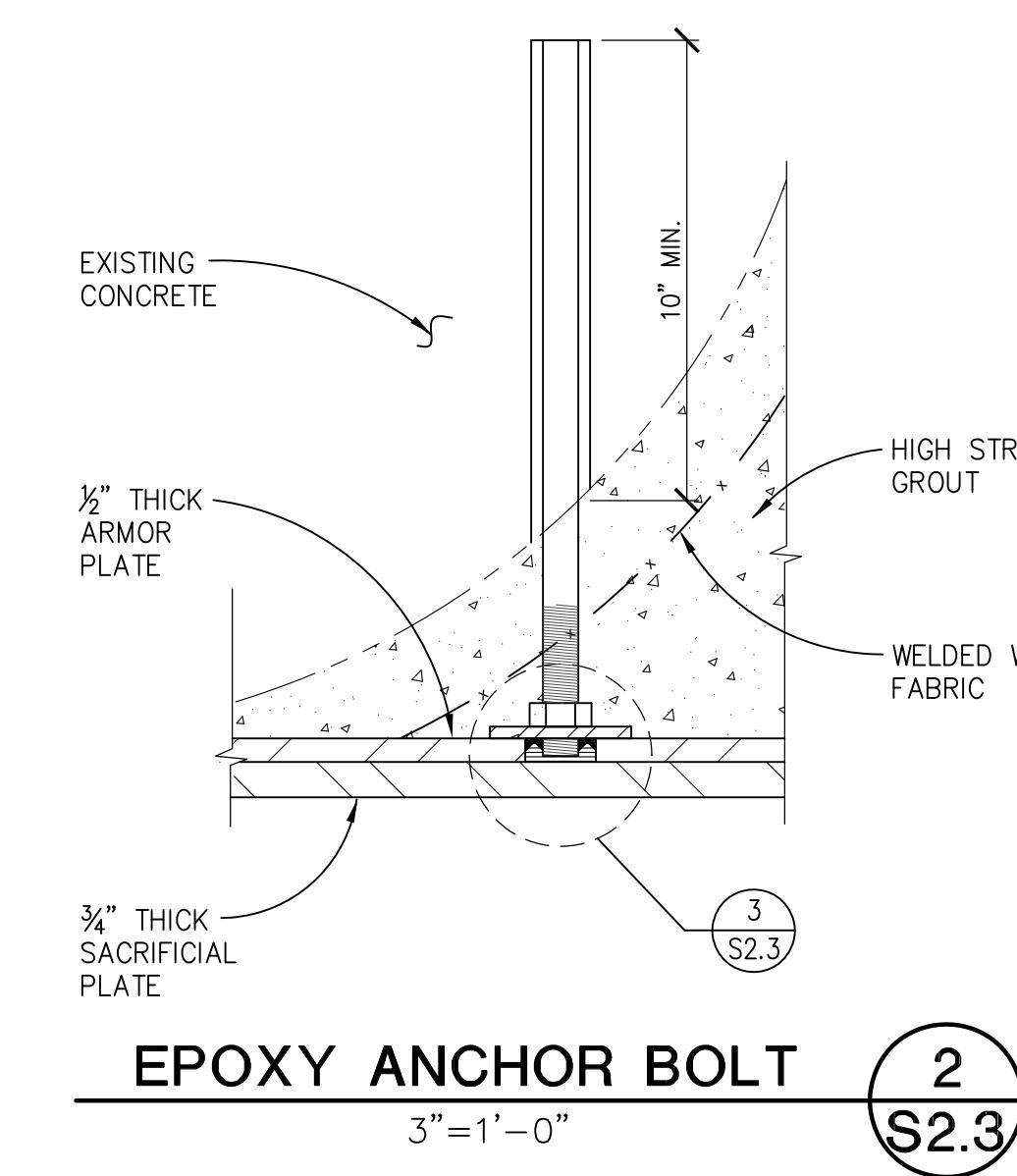
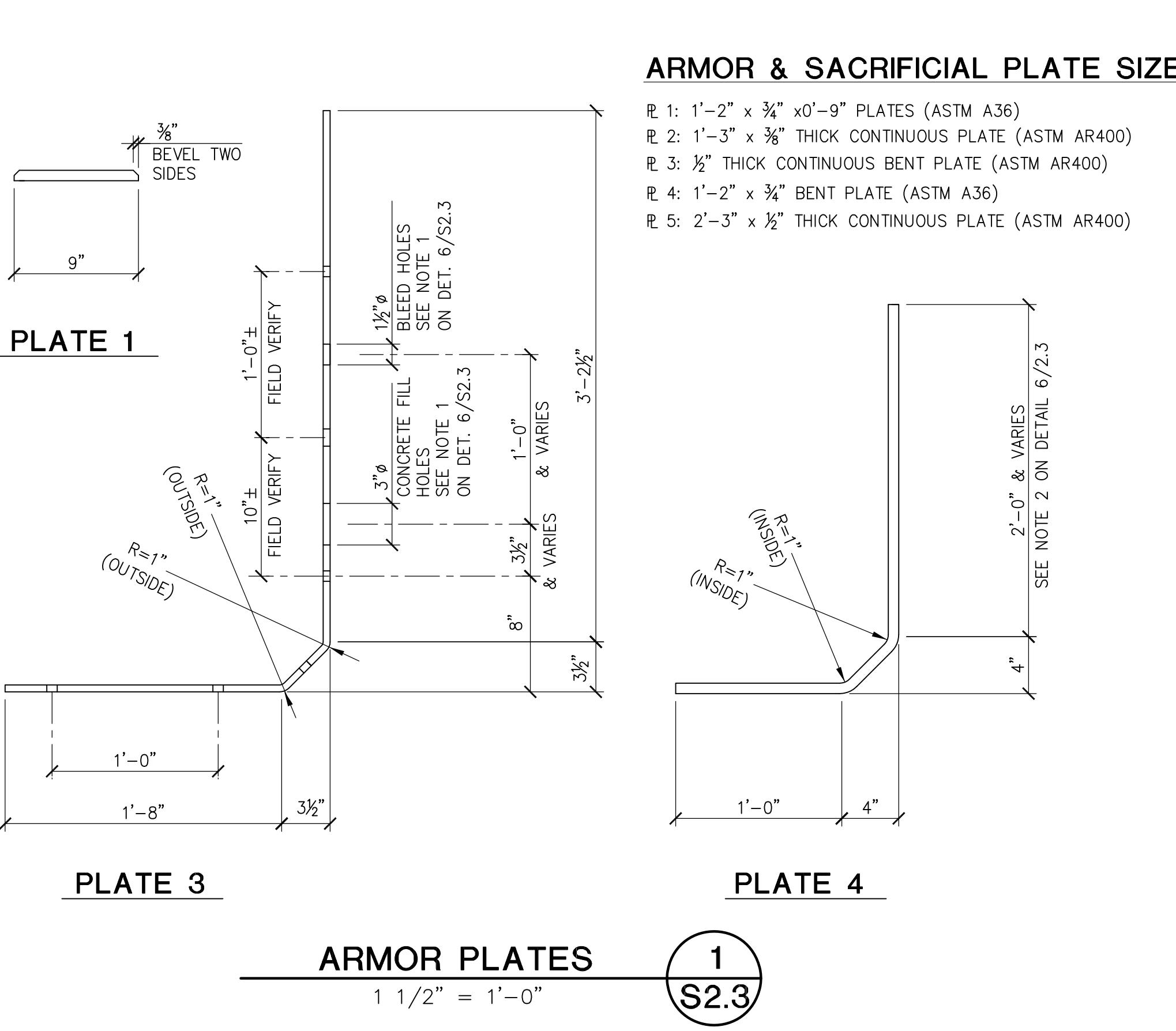
HENDERSON COUNTY  
SOLID WASTE DIVISION  
191 TRANSFER STATION DRIVE  
HENDERSONVILLE, NORTH CAROLINA 28791

SCS ENGINEERS, PC  
3801 LAKE BOONE TRAIL, SUITE 410  
RALEIGH, NC 27607  
PHONE: (919) 692-3015

CLIENT  
CADD FILE: DRAWINGS  
DATE: DECEMBER 2025  
SCALE: AS SHOWN  
DRAWING NO. S2.2

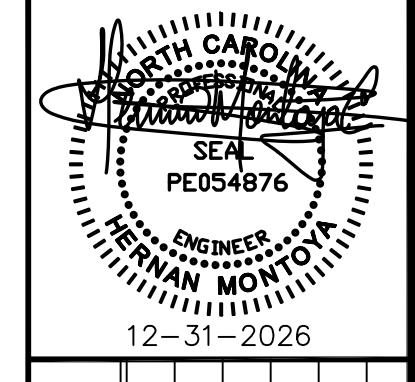
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DNN. BY: CFC  
DSN. BY: KJY  
CHK. BY: KJY  
APP. BY: KJY

DATE: DECEMBER 2025  
SCALE: AS SHOWN  
DRAWING NO. S2.2



**NOTES:**

- LOCATION OF FILL AND BLEED HOLES MUST BE SUCH AS TO ENSURE COMPLETE HIGH STRENGTH GROUT FILLING AND PROPER VIBRATION WITHIN THE SPACE BETWEEN (E)  $\frac{1}{2}$ " THICK ARMOR PLATE & (N) P 3 AND THE EXISTING CONCRETE, WITHOUT VOIDS OR HONEY COMBING.
- HEIGHT OF P 4 MUST BE SUCH AS TO COVER BLEED HOLES.



**TRANSFER STATION SHED NO. 2**

**MAT & FOUNDATION PLAN**

PROJECT TITLE

REV. DATE

DESCRIPTION

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ATTACHMENT B  
REVISED SPECIFICATION SECTION 02050

**SECTION 02050**  
**DEMOLITION AND MODIFICATIONS**

**PART 1 GENERAL**

**1.01 SCOPE OF WORK**

- A. Furnish all labor, materials, equipment and incidentals required and demolish, modify, remove and dispose of work shown on the Drawings and as specified herein.
- B. Included, but not limited to, are demolition, modifications and removal of existing materials, equipment or work necessary to install the new work as shown on the Drawings and as specified herein and to connect with existing work in approved manner.
- C. This Section calls attention to certain activities necessary to maintain and facilitate operations during and immediately following construction and does not purport to cover all of the activities necessary. Exercise due concern for the existing transfer station operation and diligently direct all activities toward maintaining continuous operation of the existing sheds and minimizing operational inconvenience.
- D. Demolition, modifications and removals which may be specified under other Sections shall conform to requirements of this Section.
- E. Demolition and modifications include:
  - 1. Asphalt pavement area as shown on the plans
  - 2. Steel plate curb guards as shown on the plans
- F. Blasting and the use of explosives will not be permitted for any demolition work.

**1.02 SUBMITTALS**

- A. Submit to the Engineer six copies of proposed methods and operations of demolition of the structures and modifications prior to the start of work.
- B. Furnish a detailed sequence of demolition and removal work to ensure the uninterrupted progress of the Owner's operations. Sequence shall be compatible with sequence of construction and shutdown coordination requirements.

**1.03 JOB CONDITIONS**

- A. Protection
  - 1. Protect in place existing reinforcing steel from nicks, cuts, burns, excessive bending to the extent noted in the protect plans.

2. Execute the demolition and removal work to prevent damage or injury to structures, occupants thereof and adjacent features which might result from falling debris or other causes, and so as not to interfere with the use, and free and safe passage to and from adjacent structures.
3. Closing or obstructing of roadways, sidewalks and passageways adjacent to the work by the placement or storage of materials will not be permitted and all operations shall be conducted with a minimum interference to traffic on these ways.
4. Erect and maintain barriers, lights, sidewalk sheds and other required protective devices.

**B. Scheduling**

1. Carry out operations so as to avoid interference with operations and work in the existing facilities.

**C. Notification**

1. At least 48 hours prior to commencement of a demolition or removal, notify the Engineer in writing of proposed schedule thereof. Owner shall inspect the existing equipment to identify and mark those items which are to remain the property of the Owner. No removals shall be started without the permission of the Engineer.

**D. Conditions of Structures**

1. The Owner and the Engineer assume no responsibility for the actual condition of the structures to be demolished or modified.
2. Conditions existing at the time of inspection for bidding purposes will be maintained by the Owner insofar as practicable. However, variations to a structure may occur prior to the start of demolition work.

**E. Repairs to Damage**

1. Promptly repair damage caused to adjacent facilities by demolition operation when directed by Engineer and at no additional cost to the Owner. Repairs shall be made to a condition at least equal to that which existed prior to construction.

**F. Traffic Access**

1. Conduct demolition and modification operations and the removal of equipment and debris to ensure minimum interference with roads, streets, walks both onsite and offsite and to ensure minimum interference with occupied or used facilities.
2. Special attention is directed towards maintaining safe and convenient access to the existing facilities by County personnel and associated vehicles.
3. Do not close or obstruct streets, walks or other occupied or used facilities without permission from the Engineer. Furnish alternate routes around closed or obstructed traffic in access ways.

## 1.04 RULES AND REGULATIONS

- A. The Building Code of the State of North Carolina, shall control the demolition, modification or alteration of the existing buildings or structures.
- B. No building or structure, or any part thereof, shall be demolished until an application has been filed with the Building Inspector and a permit issued. The fee for this permit shall be the Contractor's responsibility.

## 1.05 DISPOSAL OF MATERIAL

- A. Salvageable material, recyclable material and equipment listed hereinafter or on the drawings shall become the property of the Owner. Dismantle all such items to a size that can be readily handled and deliver to a designated storage area.



The County will provide a dumpster for spoil materials including steel, asphalt, and concrete. The County will haul and dispose of this material on-site at no cost to the Contractor.

### PART 2 PRODUCTS (NOT USED)

### PART 3 EXECUTION

#### 3.01 GENERAL

- A. All materials and equipment removed from existing work shall become the property of the Contractor, except for those which the Owner has identified and marked for his/her use or disposal. All materials and equipment marked by the Owner to remain shall be carefully removed, so as not to be damaged, cleaned and stored on or adjacent to the site in a protected place specified by the Engineer or loaded onto trucks provided by the Owner.
- B. Dispose of all demolition materials, equipment, debris and all other items, not marked by the Owner to remain, off the site and in conformance with all existing applicable laws and regulations and as described in the drawings.
- C. Pollution Controls
  - 1. Use water sprinkling, temporary enclosures and other suitable methods to limit the amount of dust and dirt rising and scattering in the air to the lowest practical level. Comply with governing regulations pertaining to environmental protection.
    - a. Do not use water when it may create hazardous or objectionable conditions such as flooding or pollution.
    - b. Clean adjacent structures, facilities, and improvements of dust, dirt and debris caused by demolition operations. Return adjacent areas to conditions existing prior to the start of the work.
- D. Building Demolition

1. Unless otherwise approved by the Engineer, proceed with demolition from the top of the structure to the ground. Complete demolition work above without disturbing supporting members of the lower level.
2. Demolish concrete and masonry in small sections.
3. Remove structural framing members and lower to ground by means of hoists, derricks, or other suitable methods.
4. Locate demolition equipment throughout the structure and remove material so as to not impose excessive loads to supporting walls, floors or framing.

### 3.02 STRUCTURAL REMOVALS

- A. Remove structures to the lines and grades shown unless otherwise directed by the Engineer. Where no limits are shown, the limits shall be 4-in outside the item to be installed. The removal beyond these limits shall be at the Contractor's expense and these excess removals shall be reconstructed to the satisfaction of the Engineer with no additional compensation to the Contractor.
- B. All concrete, reinforcement, structural or miscellaneous metals, plaster, wire mesh and other items contained in or upon the structure shall be removed and taken from the site except as noted in Paragraph 1.03 A.1., and, unless otherwise approved by the Engineer.
- C. After removal of parts or all of slabs and like work which tie into new work or existing work, the point of junction shall be neatly repaired so as to leave only finished edges and surface exposed.

### 3.03 MECHANICAL REMOVALS

- A. Mechanical removals shall consist of dismantling and removing of motors, equipment and other appurtenances as specified, shown, or required for the completion of the work.
- B. Existing process, water, chemical, gas, fuel oil and other piping not required for the new work shall be removed where shown or where it will interfere with new work. Piping not indicated to be removed or which does not interfere with new work shall be removed to the nearest solid support, capped and left in place.

### 3.04 ELECTRICAL REMOVALS

- A. Electrical removals shall consist of the removal of existing miscellaneous electrical equipment all as shown on the Drawings, specified herein, or as required to perform the work.
- B. Where shown or otherwise required, wiring in the underground duct system shall be removed. All such wiring shall be salvaged and stored as specified. Verify the function of all wiring before disconnection and removing it. Ducts which are not to be reused shall be plugged where they enter buildings and made watertight.

C. Where shown or otherwise required, direct-burial cable shall be abandoned. Such cable shall be disconnected at both ends of the run. Where it enters a building or structure the cable shall be cut back to the point of entrance. All opening in buildings for entrance of abandoned direct-burial cable shall be patched and made watertight.

### 3.05 CLEAN-UP

A. Remove from the site all debris resulting from the demolition operations as it accumulates. Upon completion of the work, all materials, equipment, waste and debris of every sort shall be removed and premises shall be left, clean, neat and orderly.

**END OF SECTION 02050**