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CITY OF YONKERS

Purchasing

Mike Spano, Mayor

Thomas E. Collich, Director

TO: PROSPECTIVE BIDDERS
FROM: ALEX SCHENCK, PRINCIPAL BUYER

MARCH 11, 2022 1 PAGE

Re: Addendum No. 2
IFB-6748: Multiple Building Envelope Restorations – School 29 and PEARLS Hawthorne

The contents of this addendum alter and amend the original bid requirements and take precedence over the related items therein. This addendum forms a part of the contract documents. Proposers must acknowledge receipt of all addenda when submitting their bids. Failure to acknowledge receipt may render your bid as non-responsive and ineligible for award. Vendors are responsible for ensuring that they receive all addenda.

This addendum consists of One (1) page; Specification Section 22 1005 Plumbing Piping; Revised drawing PHSA432; and Sketch SK-PHS-P1.0.

1. **THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE SPECIFICATIONS:**
 - a. **TABLE OF CONTENTS**
ADD "22 1005 PLUMBING PIPING".
 - b. **SECTION 01 1000 – SUMMARY OF WORK**
01 1000-4, 1.6 **REVISE** "...as indicated on drawing PHS P103..." to read "...as indicated on drawing PHS P100...".
 - c. **SECTION 22 1005 – PLUMBING PIPING**
ADD specification section attached to this addendum.
2. **THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE DRAWINGS:**
 - a. **DRAWING PHS A432 – CONCRETE REPAIR DETAILS, PARTIAL BASEMENT PLAN & MISC. DETAILS**
 - Detail 2 **DELETE** in its entirety.
 - Workscope notes **REVISE** as indicated on the attached revised drawing.
 - b. **DRAWING PHS P100 – PARTIAL PLUMBING BASEMENT PLAN & DETAILS**
ADD detail 4 as indicated on Sketch SK-PHS-P1.0 attached to this addendum."

The Bid due date remains 2:00 pm on April 1, 2022.

IFB-6748 ADDENDUM No. 2 ACKNOWLEDGEMENT

Please submit acknowledgements with your proposal

Bidding Firm: _____

Address: _____

Bidder's Representative: _____ Title: _____

Signature: _____ Date: _____

**SECTION 22 1005
PLUMBING PIPING**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Pipe, pipe fittings, valves, and connections for piping systems.

1.2 RELATED REQUIREMENTS

- A. Section 22 1343 - Packaged Sump Pump System

1.3 REFERENCE STANDARDS

- A. ASME B16.3 - Malleable Iron Threaded Fittings: Classes 150 and 300; 2016.
- B. ASME B16.4 - Gray Iron Threaded Fittings: Classes 125 and 250; 2016.
- C. ASME B16.18 - Cast Copper Alloy Solder Joint Pressure Fittings; 2012.
- D. ASME B16.29 - Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings - DWV; 2012.
- E. ASME B31.9 - Building Services Piping; 2014.
- F. ASTM A47/A47M - Standard Specification for Ferritic Malleable Iron Castings; 1999, with Editorial Revision (2018).
- G. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless; 2018.
- H. ASTM A74 - Standard Specification for Cast Iron Soil Pipe and Fittings; 2017.
- I. ASTM B42 - Standard Specification for Seamless Copper Pipe, Standard Sizes; 2015a.
- J. ASTM C564 - Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings; 2014.
- K. AWWA C110/A21.10 - Ductile-Iron and Gray-Iron Fittings; 2012.
- L. CISPI 301 - Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications; 2009 (Revised 2012).
- M. CISPI 310 - Specification for Coupling for Use in Connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications; 2011 (Revised 2012).
- N. MSS SP-58 - Pipe Hangers and Supports - Materials, Design, Manufacture, Selection, Application, and Installation; 2009.

1.4 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on pipe materials, pipe fittings, valves, and accessories. Provide manufacturers catalog information. Indicate valve data and ratings.

1.5 QUALITY ASSURANCE

- A. Perform work in accordance with applicable codes.
- B. Identify pipe with marking including size, ASTM material classification, ASTM specification, potable water certification, water pressure rating.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Provide temporary end caps and closures on piping and fittings. Maintain in place until installation.
- B. Protect piping systems from entry of foreign materials by temporary covers, completing sections of the work, and isolating parts of completed system.

PART 2 PRODUCTS

2.1 GENERAL REQUIREMENTS

2.2 SANITARY SEWER PIPING, BURIED WITHIN 5 FEET OF BUILDING

- A. Cast Iron Pipe: ASTM A74 extra heavy weight.
 - 1. Joints: Hub-and-spigot, CISPI HSN compression type with ASTM C564 neoprene gaskets or lead and oakum.
- B. Cast Iron Pipe: CISPI 301, hubless.
 - 1. Fittings: Cast iron.
 - 2. Joints: CISPI 310, neoprene gasket and stainless steel clamp and shield assemblies.

2.3 SANITARY SEWER PIPING, ABOVE GRADE

- A. Cast Iron Pipe: CISPI 301, hubless, service weight.
 - 1. Fittings: Cast iron.
 - 2. Joints: CISPI 310, neoprene gaskets and stainless steel clamp-and-shield assemblies.
- B. Steel Pipe: ASTM A53/A53M Schedule 40, galvanized, using one of the following joint types:
 - 1. Threaded Joints: ASME B16.4 cast iron fittings.

2.4 FLANGES, UNIONS, AND COUPLINGS

- A. Flanges for Pipe Size Over 1 Inch:
 - 1. Ferrous pipe: Class 150 malleable iron threaded or forged steel slip-on flanges; preformed neoprene gaskets.

2.5 PIPE HANGERS AND SUPPORTS

- A. Provide hangers and supports that comply with MSS SP-58.
 - 1. If type of hanger or support for a particular situation is not indicated, select appropriate type using MSS SP-58 recommendations.
 - 2. Overhead Supports: Individual steel rod hangers attached to structure or to trapeze hangers.
 - 3. Trapeze Hangers: Welded steel channel frames attached to structure.
 - 4. Vertical Pipe Support: Steel riser clamp.

2.6 SWING BACKWATER CHECK VALVES

- A. Manufacturers:
 - 1. Zurn Plumbing Products; Z1095.
- B. Over 8 Inches: (Match existing pipe size)
 - 1. Brass flapper
 - 2. Threaded brass gasketed cover
 - 3. Comply with ANSI A112.14.1

PART 3 EXECUTION

3.1 PREPARATION

- A. Ream pipe and tube ends. Remove burrs. Bevel plain end ferrous pipe.
- B. Remove scale and dirt, on inside and outside, before assembly.
- C. Prepare piping connections to equipment with flanges or unions.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Route piping in orderly manner and maintain gradient. Route parallel and perpendicular to walls.
- C. Install piping to maintain headroom, conserve space, and not interfere with use of space.
- D. Pipe Hangers and Supports:

1. Install in accordance with ASME B31.9.

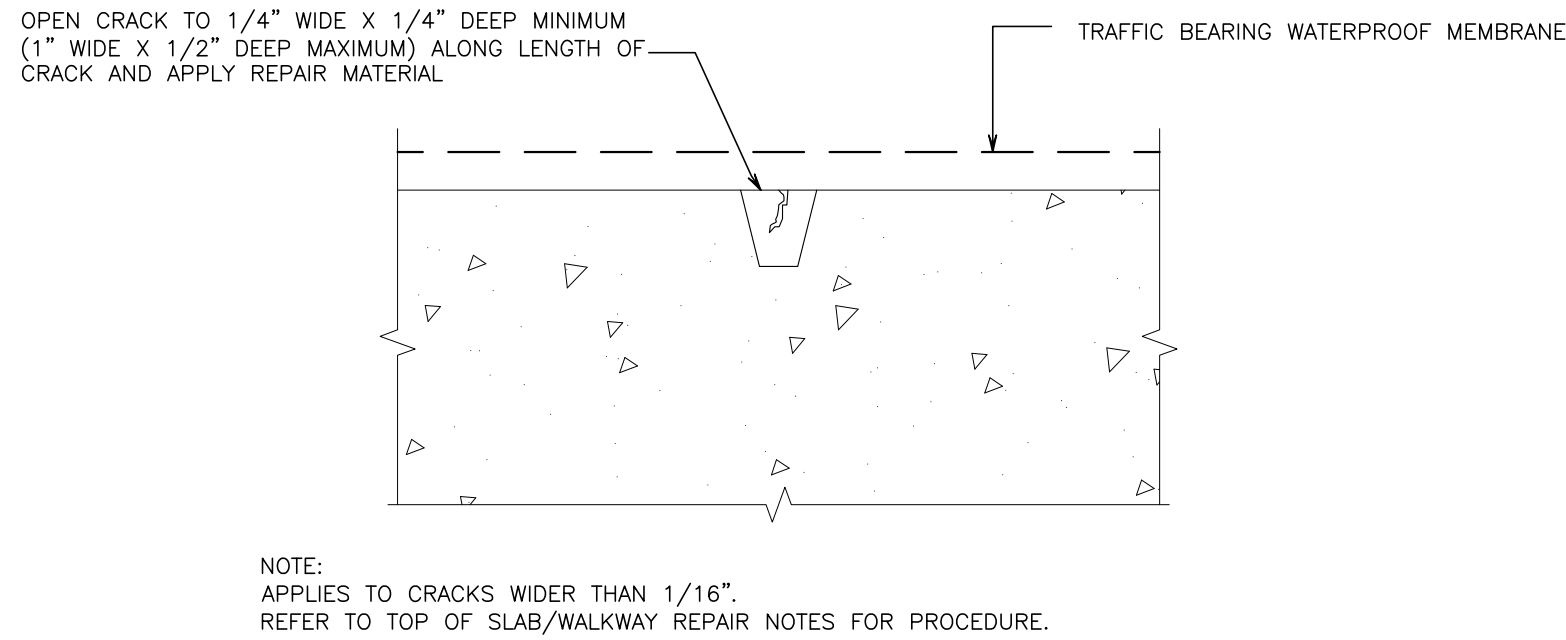
3.3 APPLICATION

- A. Install unions downstream of valves and at equipment or apparatus connections.
- B. Install gate valves for shut-off and to isolate equipment, part of systems, or vertical risers.

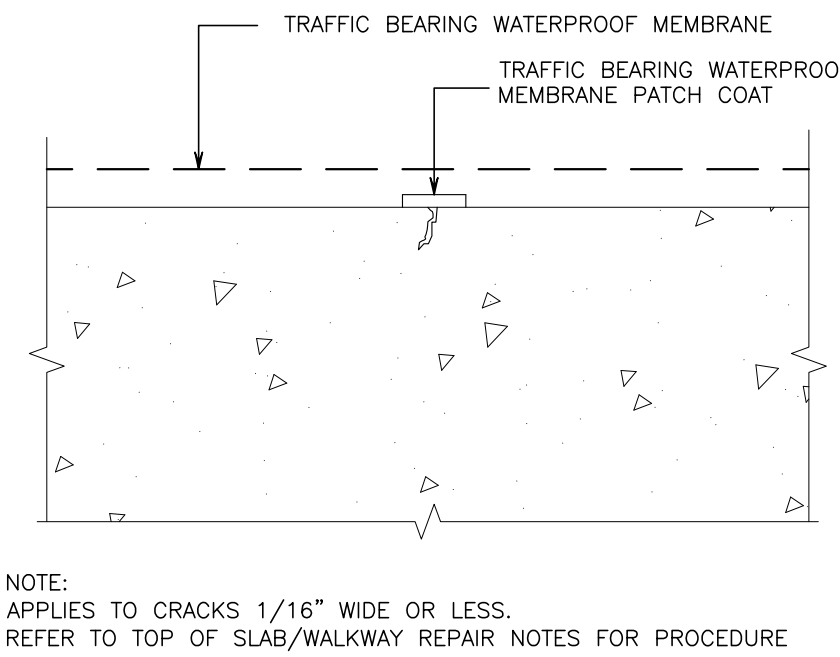
3.4 TOLERANCES

- A. Drainage Piping: Establish invert elevations within 1/2 inch vertically of location indicated and slope to drain at minimum of 1/4 inch per foot slope.

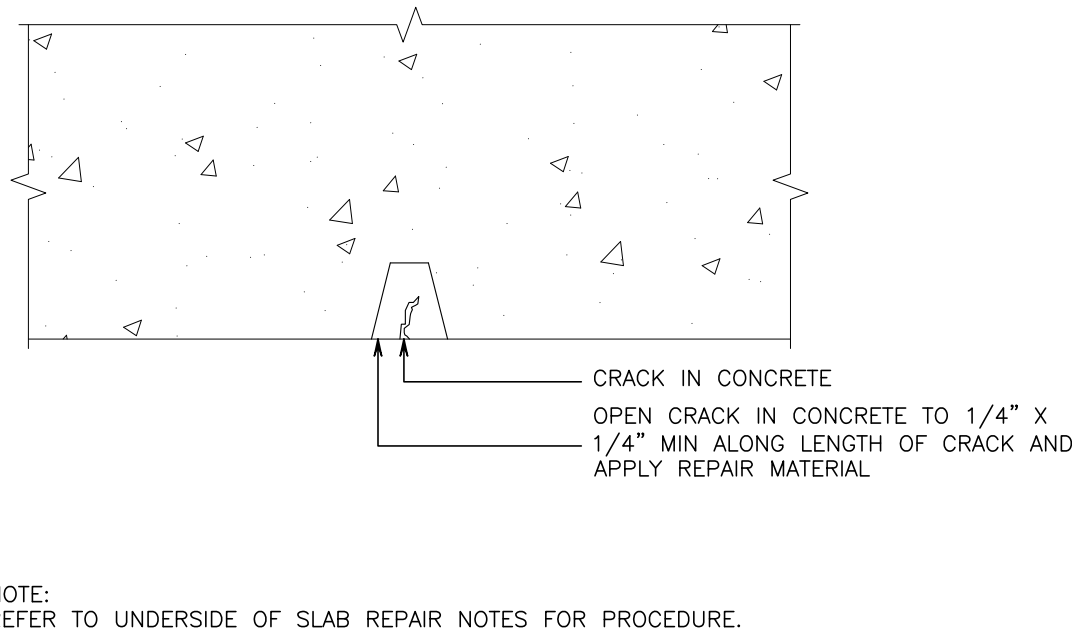
END OF SECTION



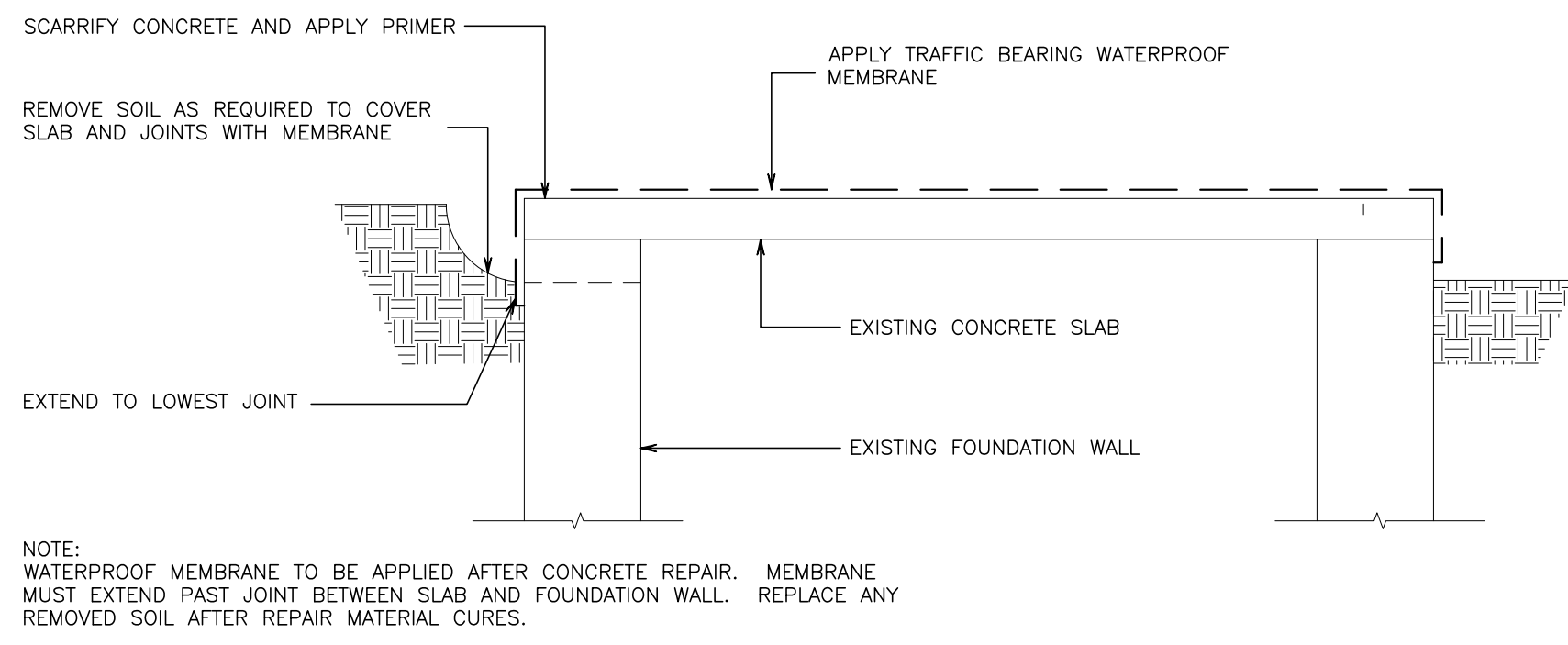
A TYPICAL WALKWAY CRACK REPAIR DETAIL
SCALE: N.T.S.



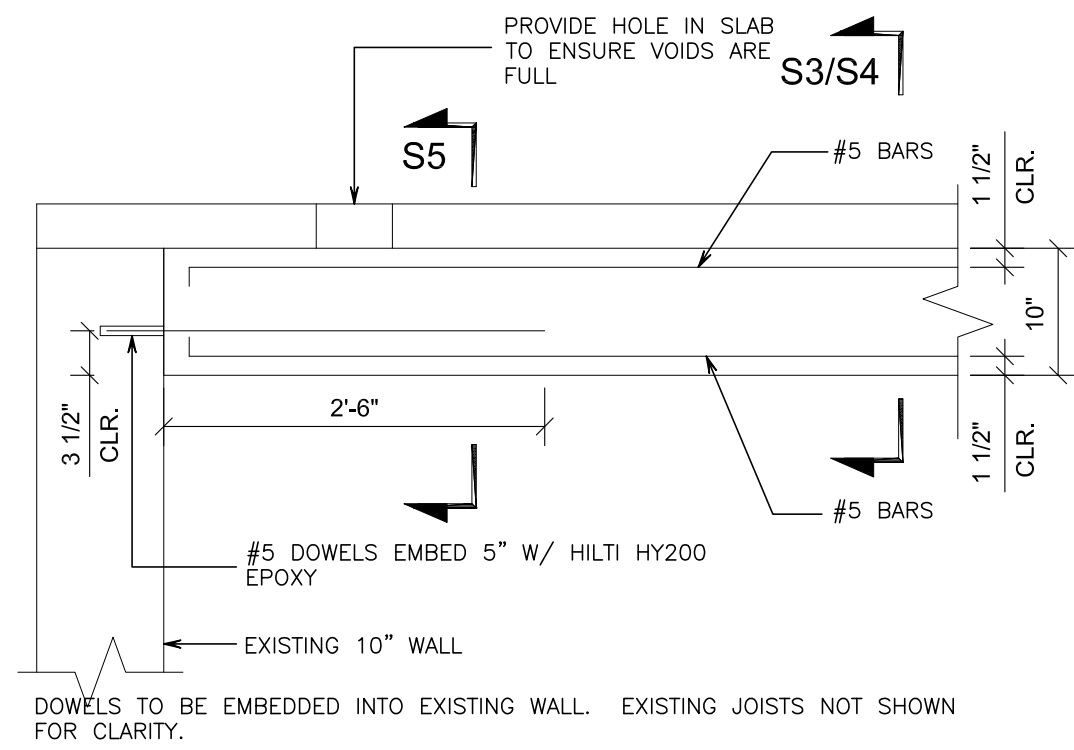
B TYPICAL PATCH DETAIL
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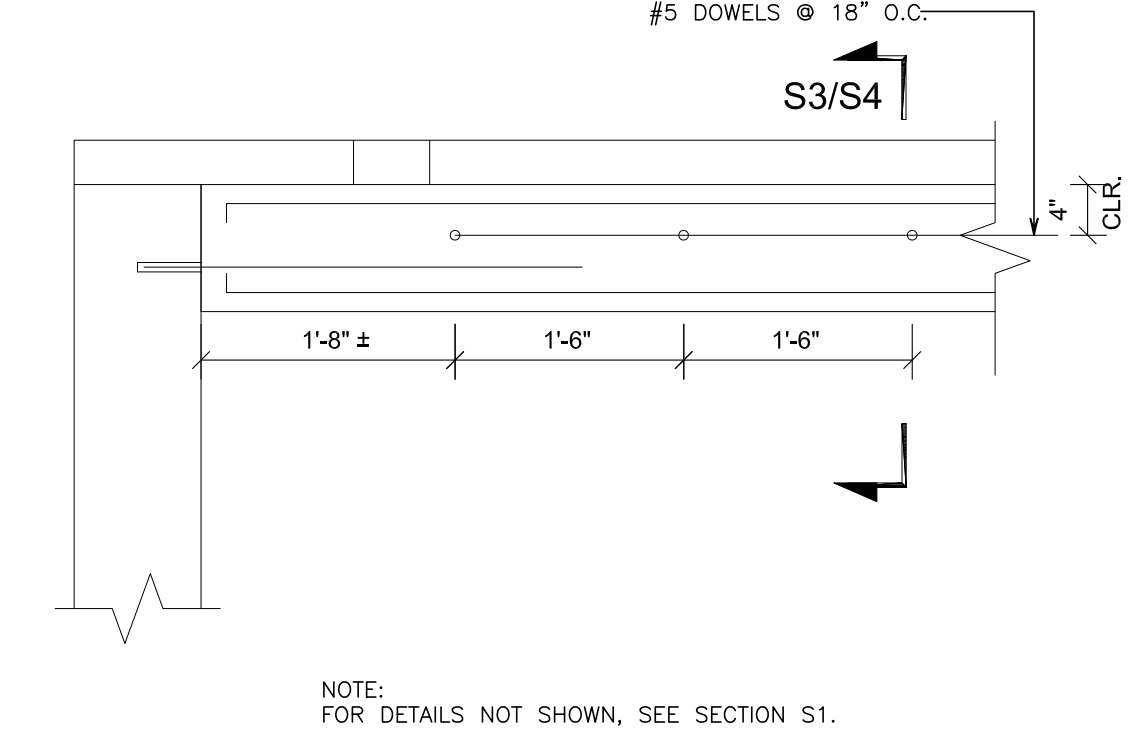
C TYPICAL TUNNEL ROOF CRACK REPAIR DETAIL
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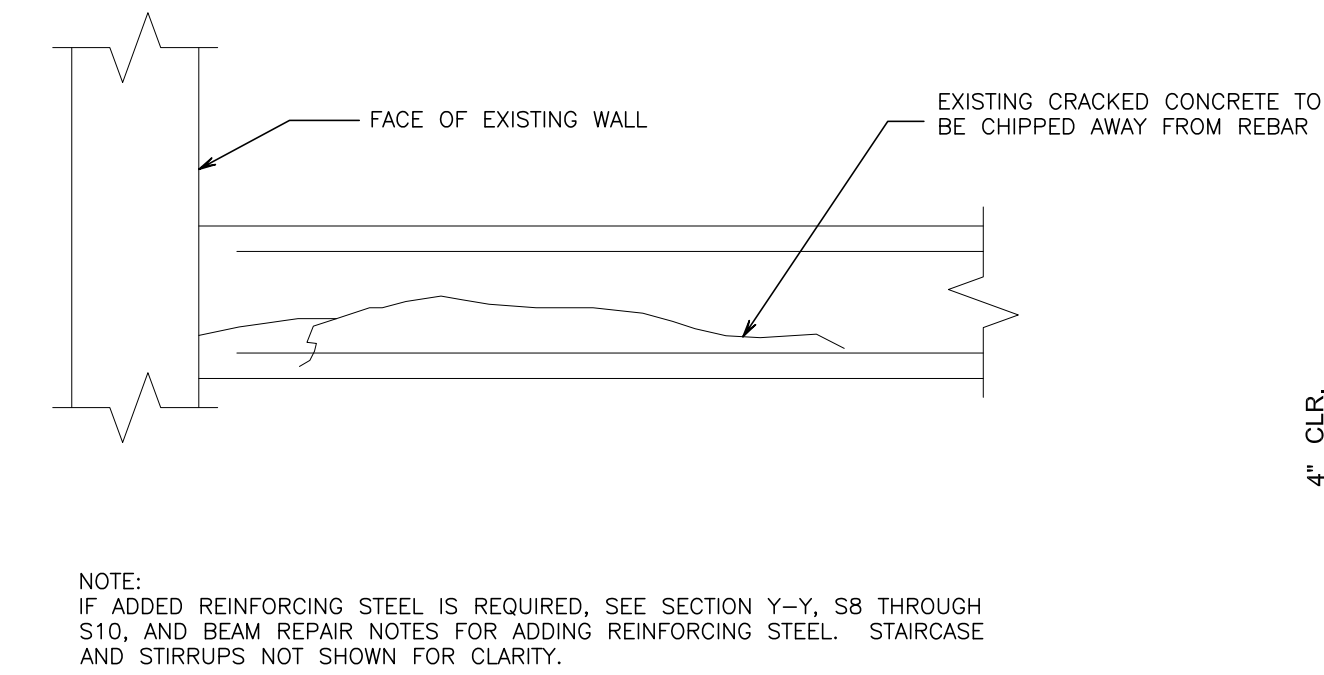
D WALKWAY WATERPROOFING DETAIL
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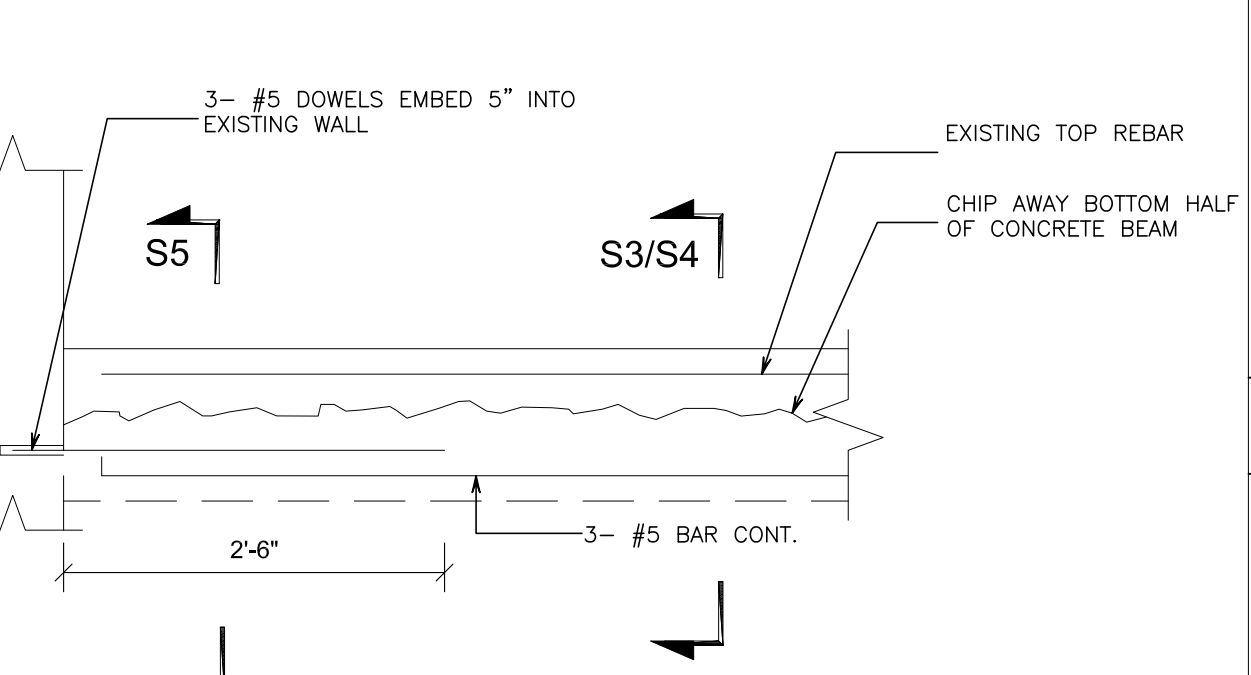
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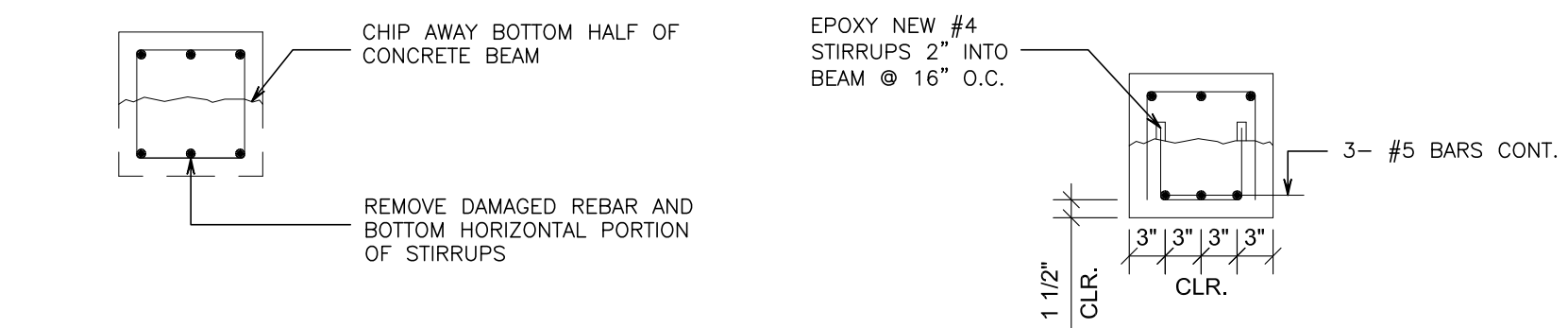
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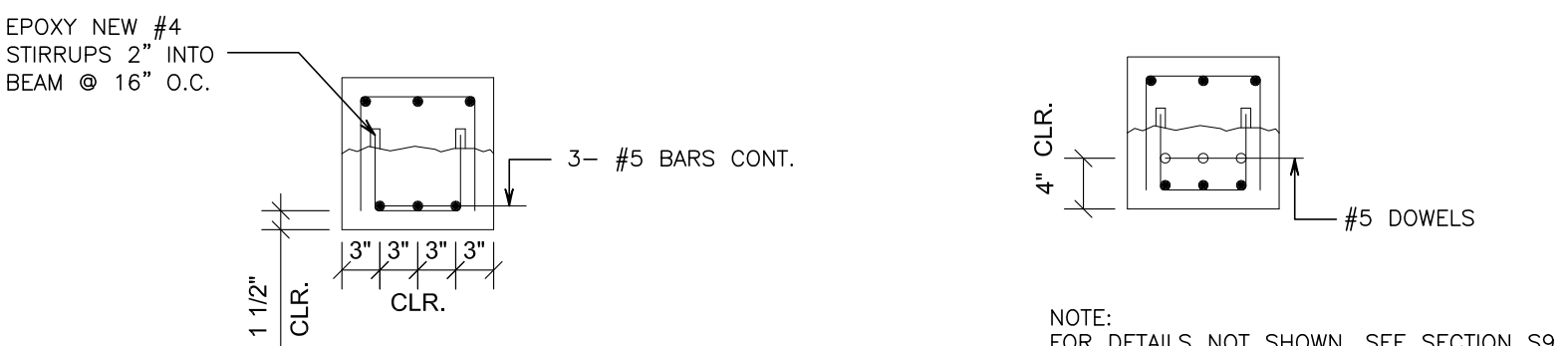
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SCALE: N.T.S.



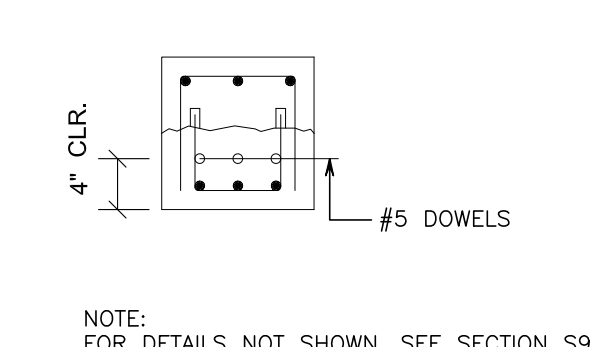
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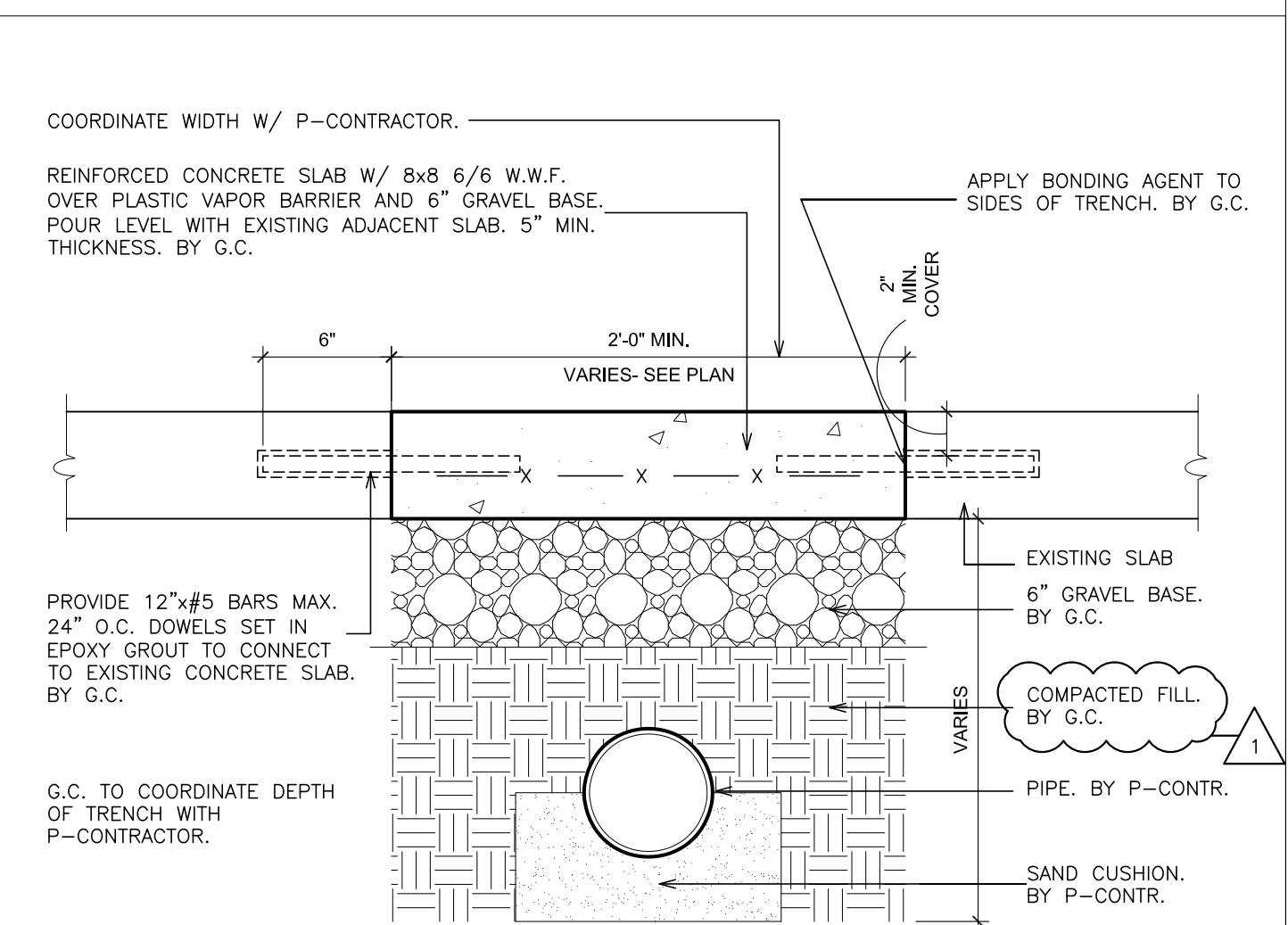
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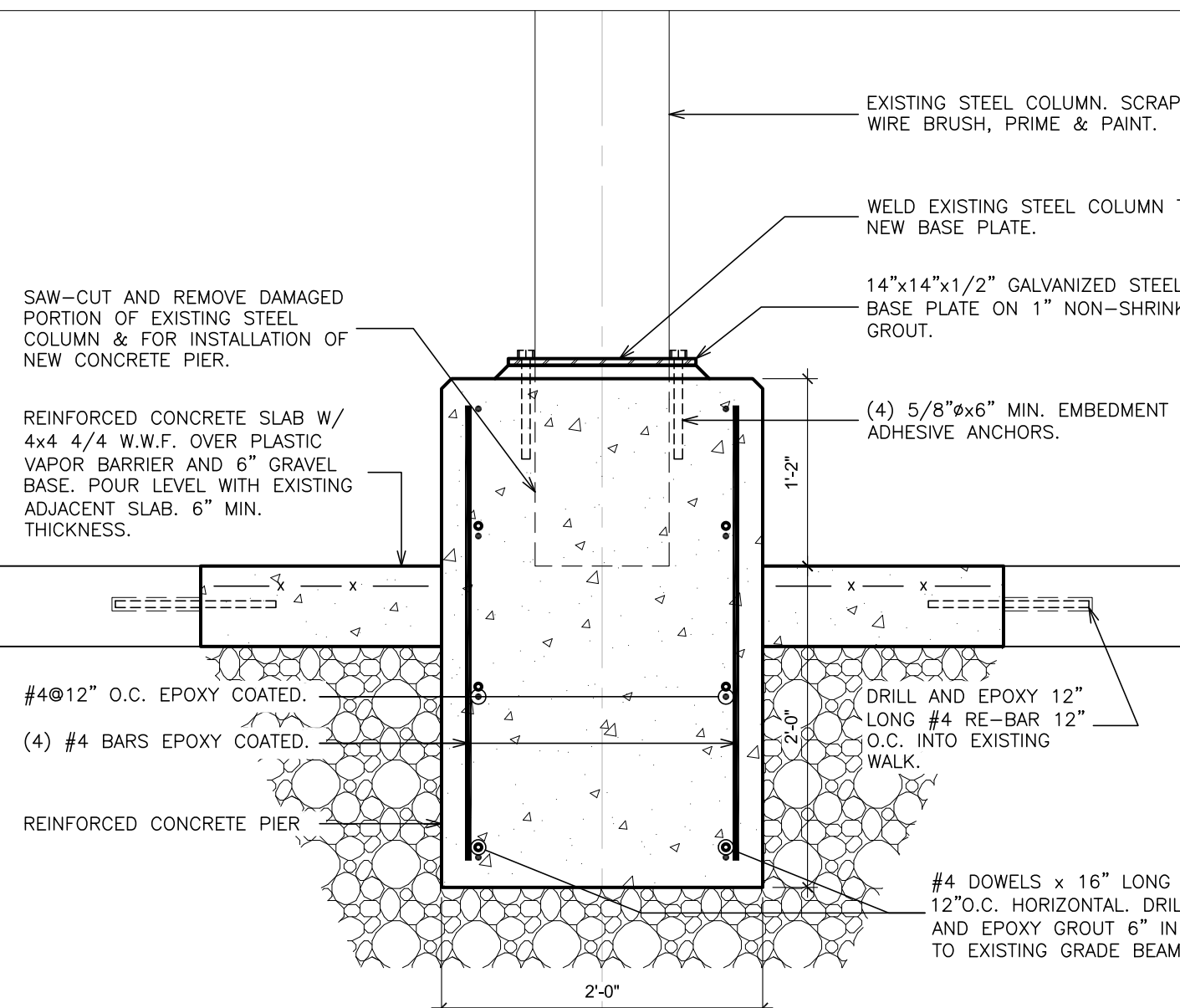
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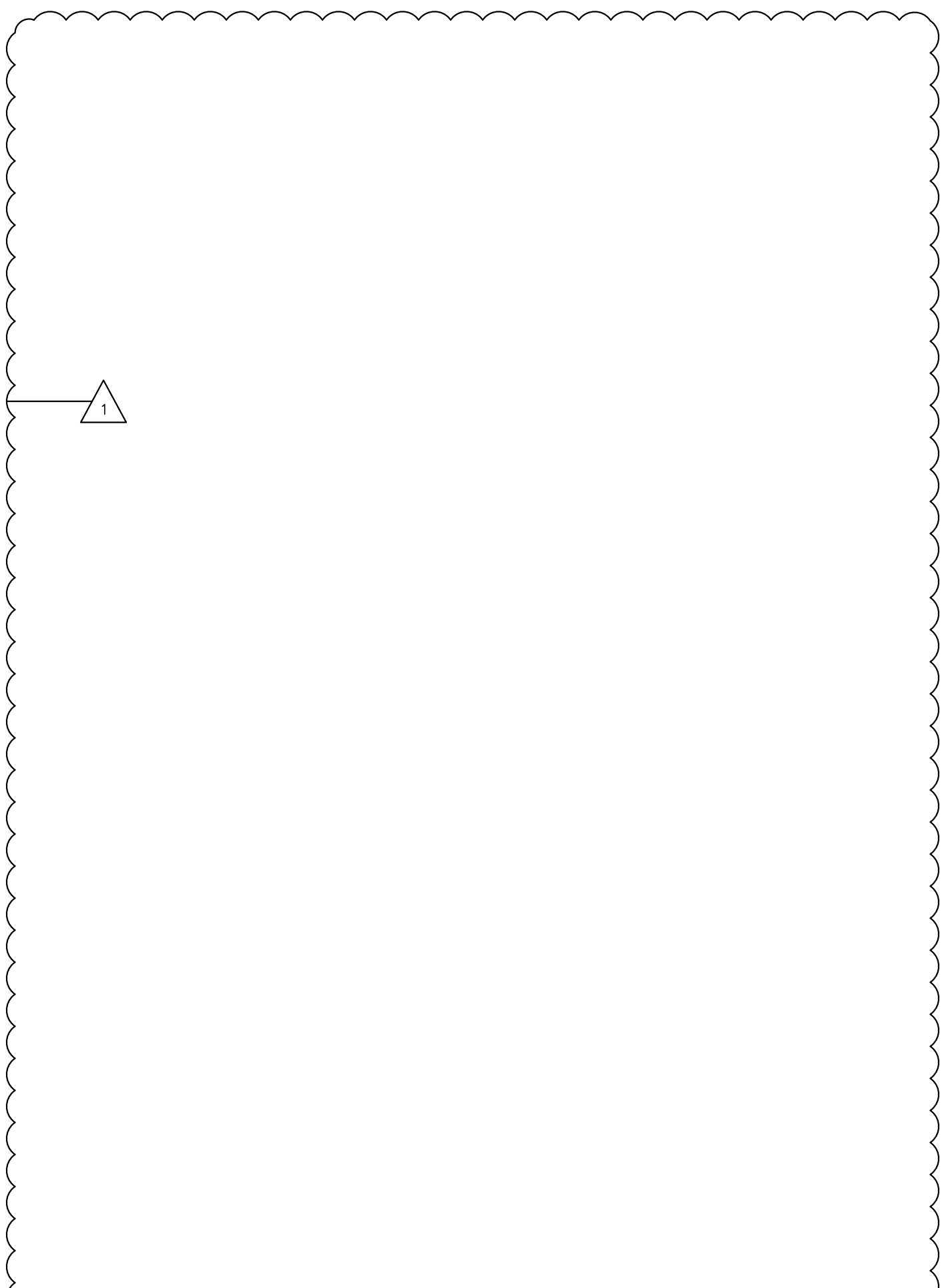
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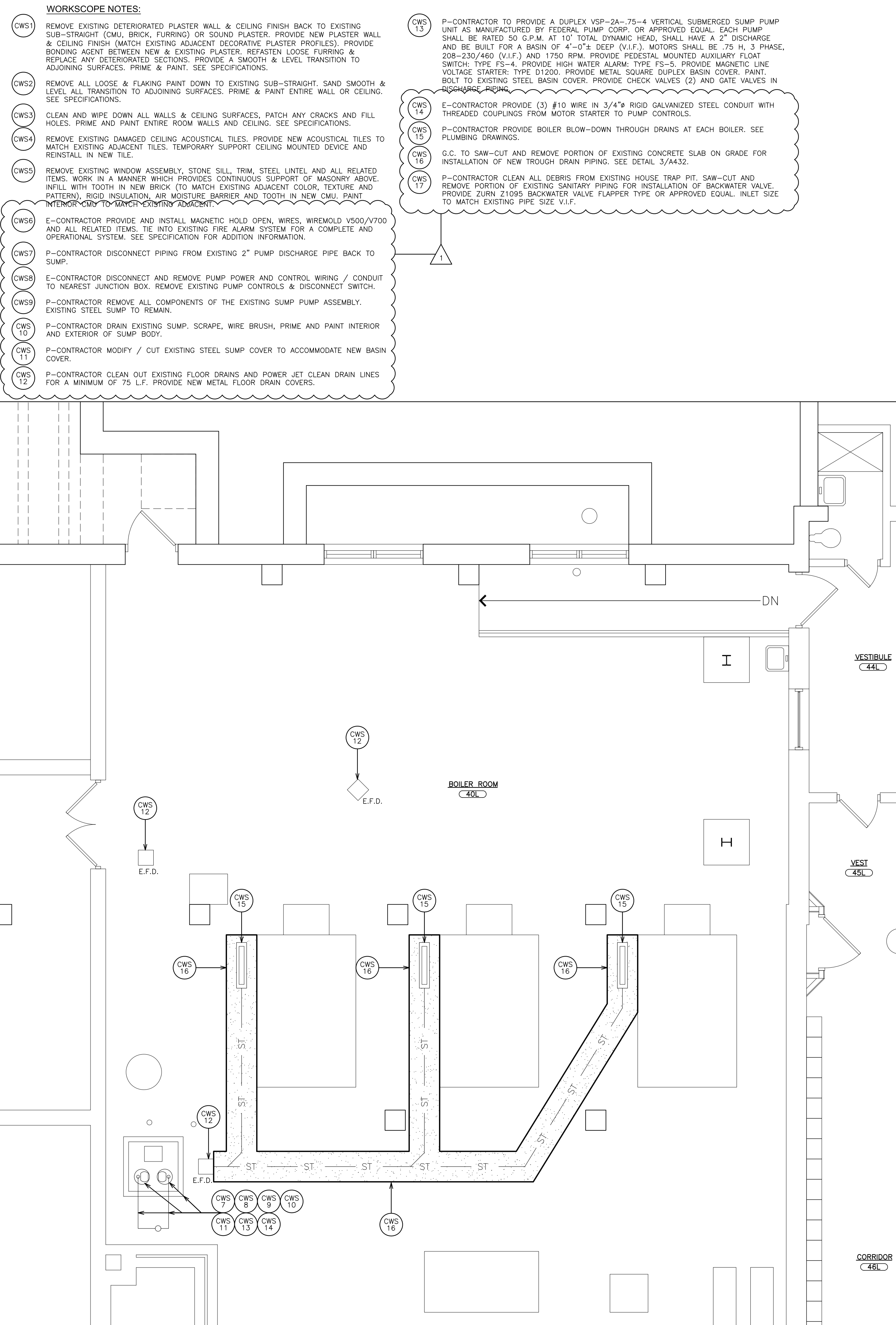
3 DETAIL - TRENCH
SCALE: 1 1/2\"/>



4 COLUMN DETAIL
SCALE: 1\"/>



2 NOT USED
SCALE: N.T.S.



1 PARTIAL BASEMENT FLOOR PLAN
SCALE: 1/4\"/>

- WORKSCOPE NOTES:**
- CWS1 REMOVE EXISTING DETEROGATED PLASTER WALL & CEILING FINISH BACK TO EXISTING SUB-STRAIGHT (CMU, BRICK, FURRING) OR SOUND PLASTER. PROVIDE NEW PLASTER WALL & CEILING FINISH (MATCH EXISTING ADJACENT DECORATIVE PLASTER PROFILES). PROVIDE BONDING AGENT BETWEEN NEW & EXISTING PLASTER. RETASTEN LOOSE FURRING & REPLACE ANY DETEROGATED SECTIONS. PROVIDE A SMOOTH & LEVEL TRANSITION TO ADJOINING SURFACES. PRIME & PAINT. SEE SPECIFICATIONS.
 - CWS2 REMOVE ALL LOOSE & FLAKING PAINT DOWN TO EXISTING SUB-STRAIGHT. SAND SMOOTH & LEVEL ALL TRANSITION TO ADJOINING SURFACES. PRIME & PAINT ENTIRE WALL OR CEILING. SEE SPECIFICATIONS.
 - CWS3 CLEAN AND WIPE DOWN ALL WALLS & CEILING SURFACES. PATCH ANY CRACKS AND FILL HOLES. PRIME AND PAINT ENTIRE ROOM WALLS AND CEILING. SEE SPECIFICATIONS.
 - CWS4 REMOVE EXISTING DAMAGED CEILING ACOUSTICAL TILES. PROVIDE NEW ACOUSTICAL TILES TO MATCH EXISTING ADJACENT TILES. TEMPORARY SUPPORT CEILING MOUNTED DEVICE AND REINSTALL IN NEW TILE.
 - CWS5 REMOVE EXISTING WINDOW ASSEMBLY, STONE SILL, TRIM, STEEL LINTEL, AND ALL RELATED ITEMS. WORK IN A MANNER WHICH PROVIDES CONTINUOUS SUPPORT OF MASONRY ABOVE. INFILL WITH TOOTH IN NEW BRICK (TO MATCH EXISTING ADJACENT COLOR, TEXTURE AND PATTERN). RIGID INSULATION, AIR MOISTURE BARRIER AND TOOTH IN NEW CMU. PAINT INTERIOR CMU TO MATCH EXISTING ADJACENT.
 - CWS6 E-CONTRACTOR PROVIDE AND INSTALL MAGNETIC HOLD OPEN, WIRES, WIREMOLD V500/V700 AND ALL RELATED ITEMS. TIE INTO EXISTING FIRE ALARM SYSTEM FOR A COMPLETE AND OPERATIONAL SYSTEM. SEE SPECIFICATION FOR ADDITION INFORMATION.
 - CWS7 P-CONTRACTOR DISCONNECT PIPING FROM EXISTING 2\"/>

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ARCHITECTS
PLANNERS

S.E.D. CONTROL NUMBER:
PS 29
66-23-00-01-0-029-011
PEARLS HAWTHORNE SCHOOL
66-23-00-01-0-101-008

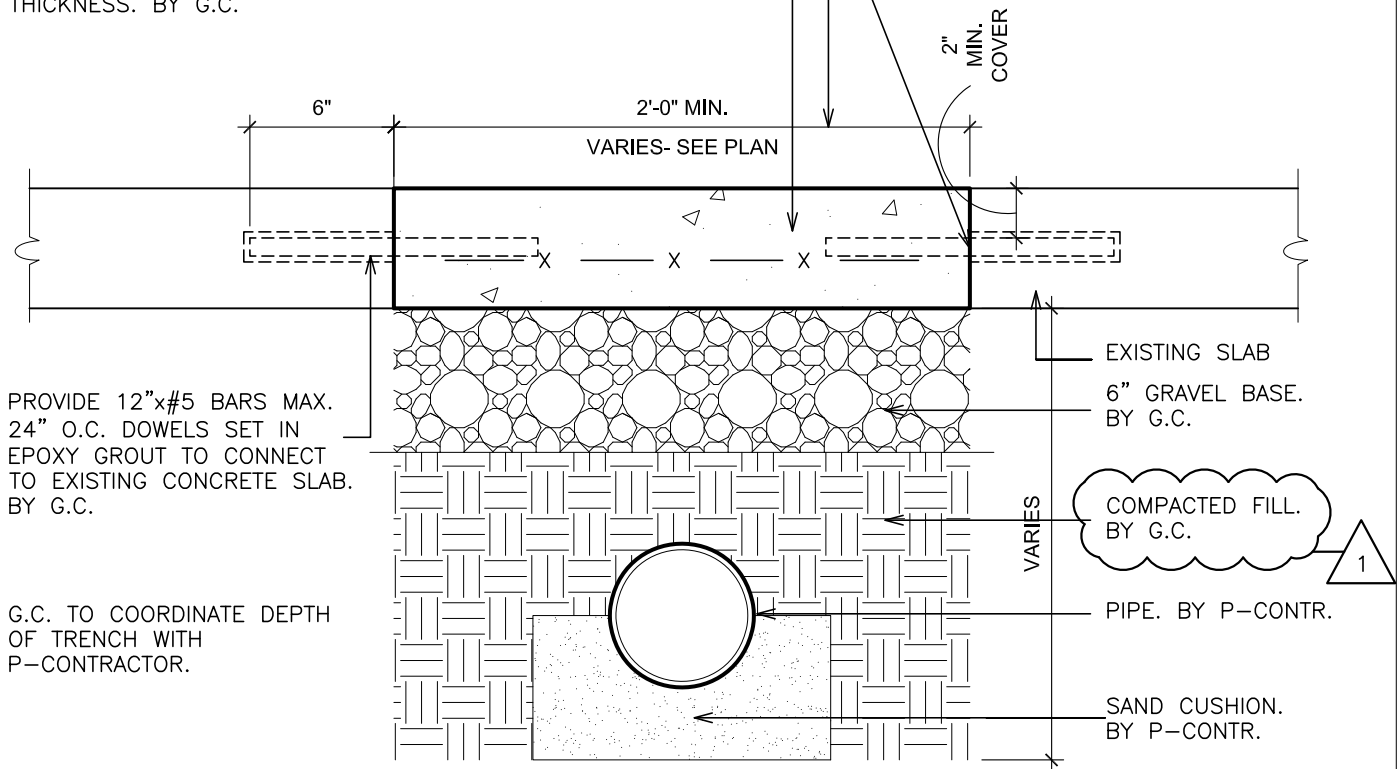
PROJECT NAME
YONKERS SCHOOL DISTRICT
MULTIPLE BUILDING ENVELOPE RENOVATIONS
SCHOOL 208 PEARLS HAWTHORNE SCHOOL
DRAWING TITLE
CONCRETE REPAIR DETAILS PARTIAL
BASEMENT PLAN & MISCELLANEOUS DETAILS

03-14-2022 ADDENDUM
02-16-2022 BID
10-11-2019 DESIGN DEVELOPMENT
DATE ISSUED TO
SHEET SIZE 30"x42"
SCALE AS NOTED
DRAWN BY F & D
FILE NO. 19354.07

COORDINATE WIDTH W/ P-CONTRACTOR.

REINFORCED CONCRETE SLAB W/ 8x8 6/6 W.W.F.
OVER PLASTIC VAPOR BARRIER AND 6" GRAVEL BASE.
POUR LEVEL WITH EXISTING ADJACENT SLAB. 5" MIN.
THICKNESS. BY G.C.

APPLY BONDING AGENT TO
SIDES OF TRENCH. BY G.C.



4 DETAIL - TRENCH

SCALE: 1 1/2" = 1'-0"

PS 29: 66-23-00-01-0-029-011 / PEARLS HAWTHORNE SCHOOL: 66-23-00-01-0-101-008

FULLER
D'ANGELO
P.C.

ARCHITECTS
PLANNERS

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NOTE:

ALL INFORMATION ON
ORIGINAL CONTRACT
DOCUMENT SHALL PERTAIN
UNLESS SPECIFICALLY
CHANGED BY THIS
DRAWING.

JOB NAME:

YONKERS SCHOOL DISTRICT
MULTIPLE BUILDING ENVELOPE RENOVATIONS
AND RELATED WORK GROUP 'B' AT
SCHOOL 29 & PEARLS HAWTHORNE SCHOOL

ADDRESS

DRAWING TITLE:

TRENCH DETAILS
{REF. DWG. PHS-P100}

03-14-2022

DATE

SCALE:

FILE NO.

19354.07

ADDENDUM

ISSUED TO

AS NOTED

DRAWING NO.

SK-PHS-P1.0