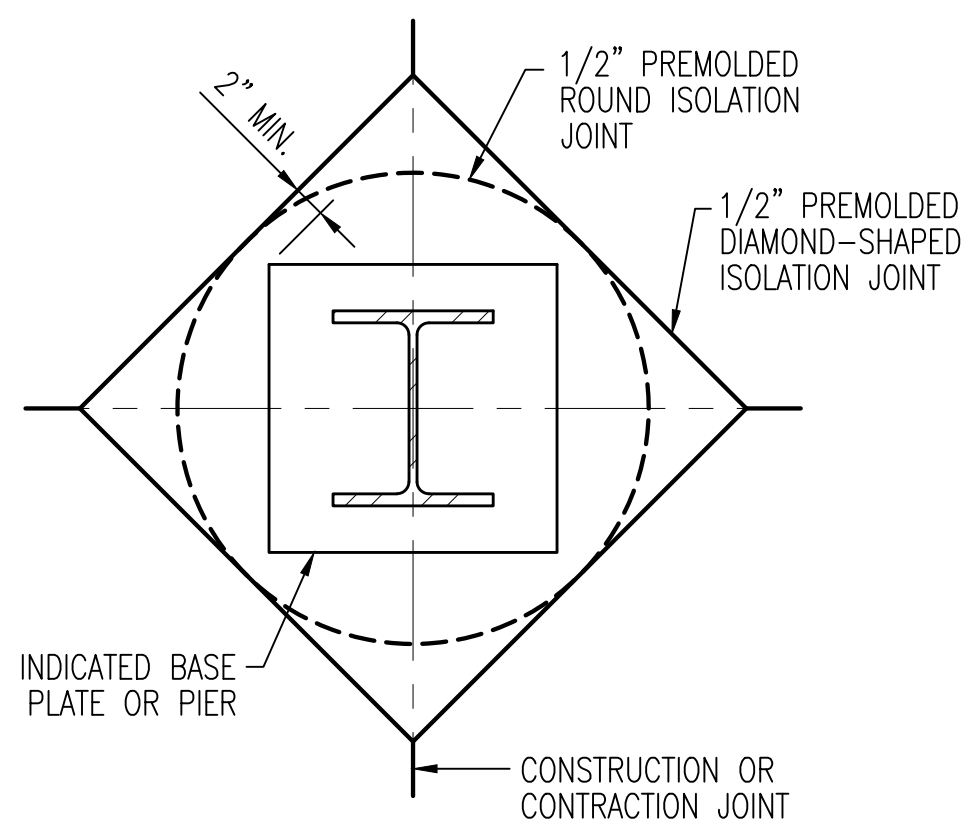


- GENERAL NOTES:
1. CONTRACTOR SHALL COORDINATE WITH PLANS THE REQUIRED LOCATIONS OF WHERE THE EXISTING SLAB-ON-GRADE NEEDS TO BE SAW-CUT FOR THE INSTALLATION OF NEW WORK.
 2. SEE PLANS FOR THE REQUIRED SLAB IN-FILL CONSTRUCTION. AT A MINIMUM INSTALL 4\"/>
 3. WHERE NEW CONSTRUCTION IS TO BE INSTALLED CONTRACTOR SHALL TAKE CARE TO CUT-BACK SLAB AT A SAFE DISTANCE TO PREVENT UNDERMINING OF THE EXISTING SLAB-ON-GRADE.

NEW TO EXISTING SLAB TRANSITION DETAIL

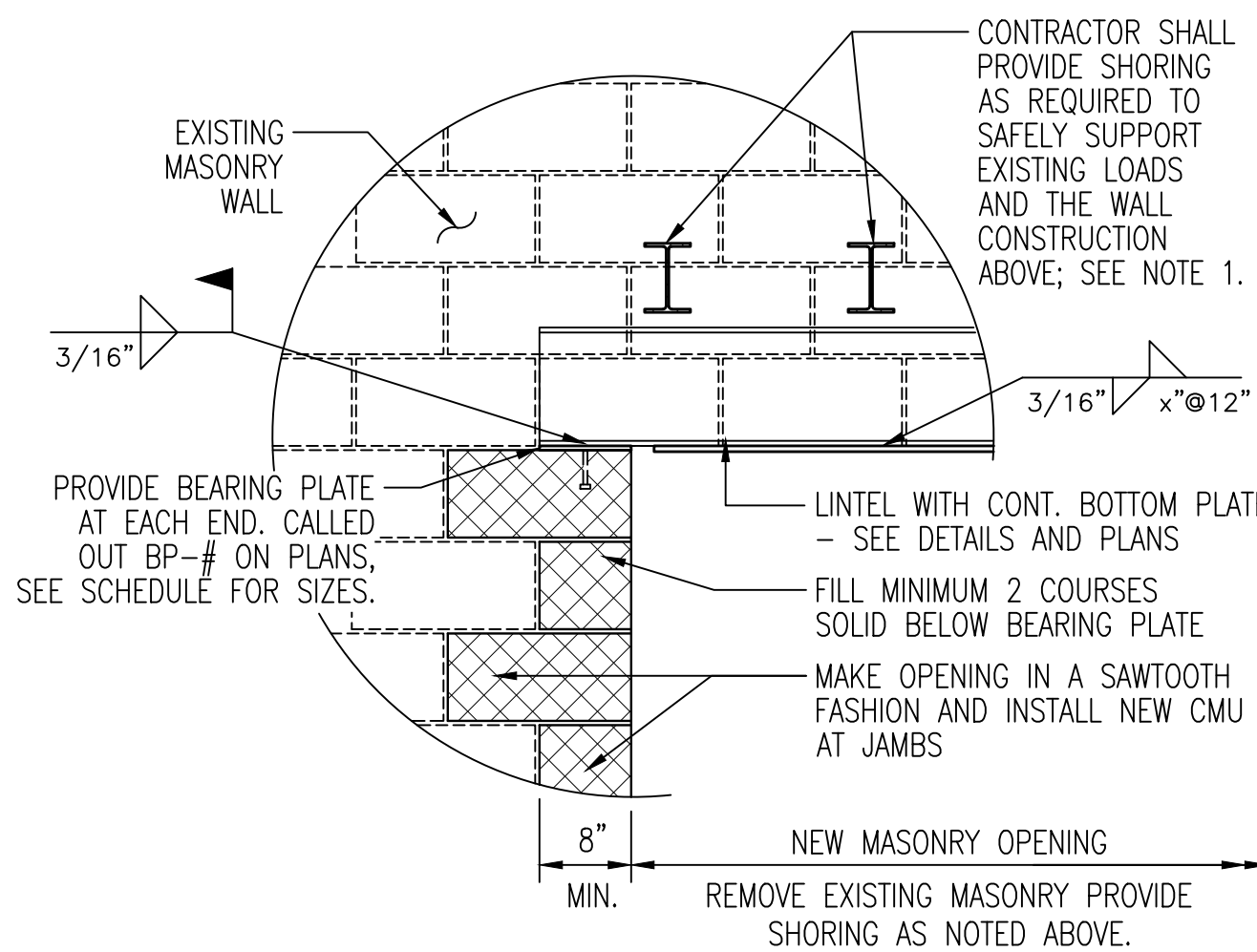
SCALE: N.T.S. SD330529



- GENERAL NOTES:
1. CONTRACTOR HAS OPTION OF USING ROUND OR DIAMOND SHAPED ISOLATION JOINT.
 2. USE HALF-CIRCLE OR HALF-DIAMOND AT EXTERIOR WALLS.
 3. PROTECT FROM STORM WATER BEFORE FILLING.

TYPICAL COLUMN ISOLATION JOINT

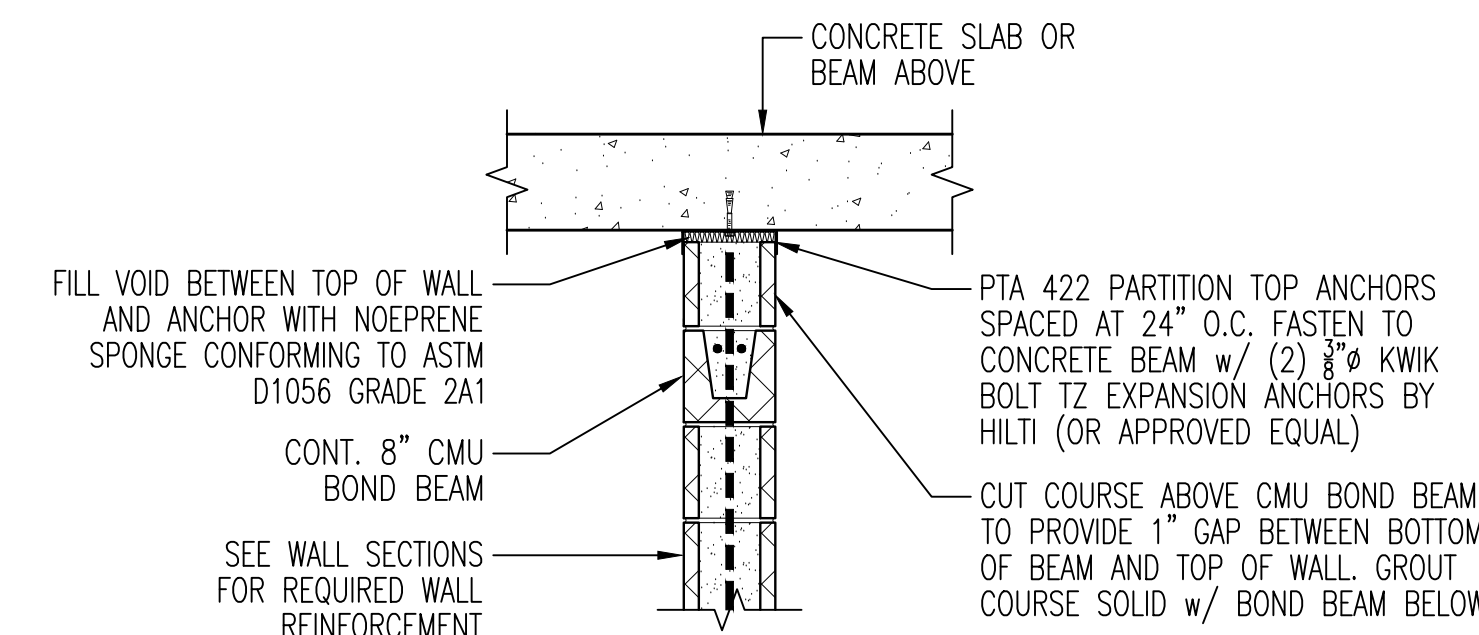
SCALE: N.T.S. SD420809



- GENERAL NOTES:
1. PROVIDE SHORING AND BRACING AS REQUIRED. SEE NOTES FOR EXISTING CONDITIONS.
 2. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS TO DETERMINE ALL LOCATIONS WHERE NEW OPENINGS ARE/MIGHT BE REQUIRED.

TYPICAL NEW LINTEL BEARING DETAIL FOR NEW OPENING THROUGH EXISTING MASONRY WALL

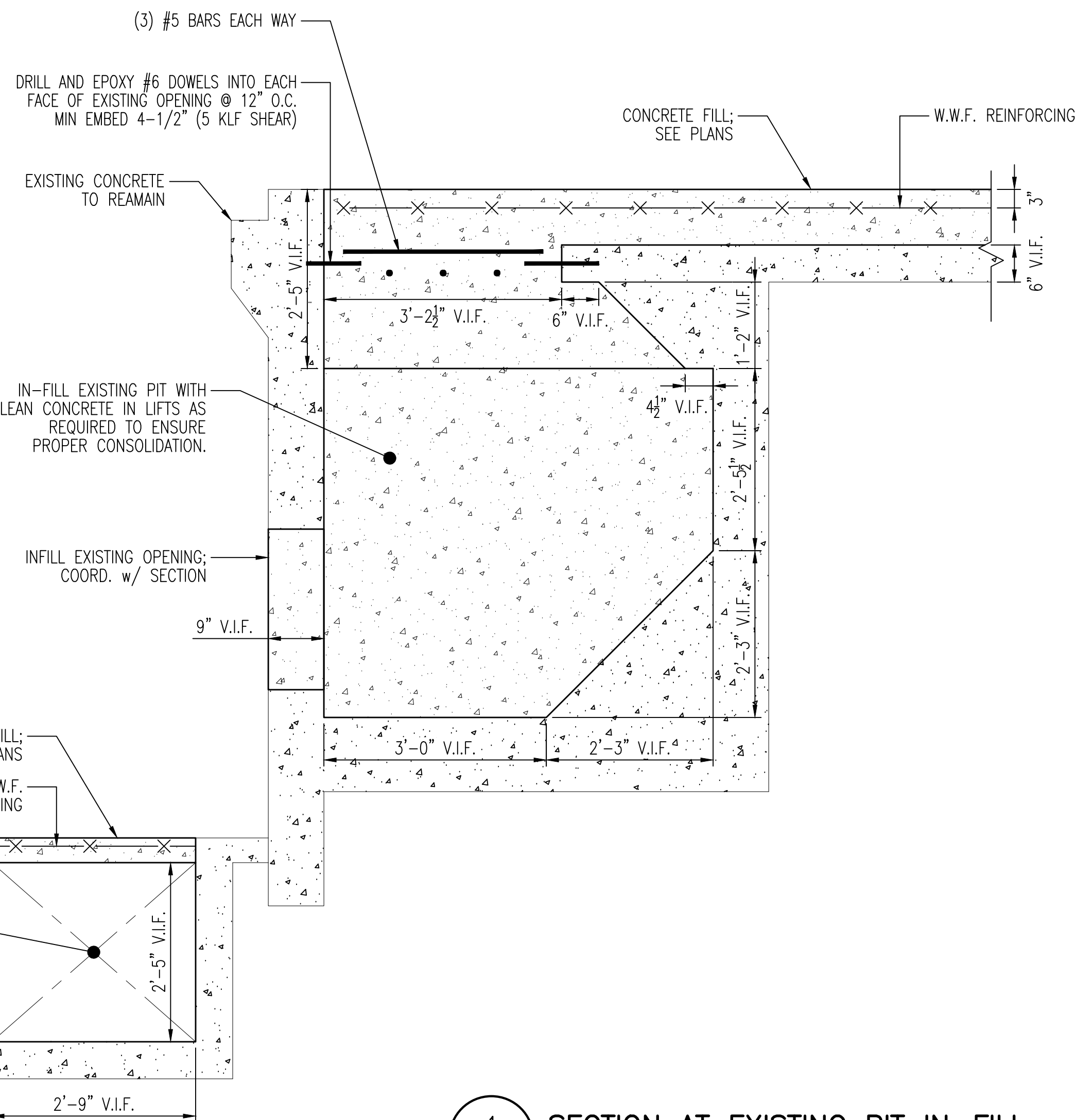
SCALE: N.T.S. SD420801



- GENERAL NOTES:
1. PARTITION WALL ANCHOR TYPE SUBSTITUTIONS MUST BE APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.

TYPICAL MASONRY WALL PARTITION ANCHORS

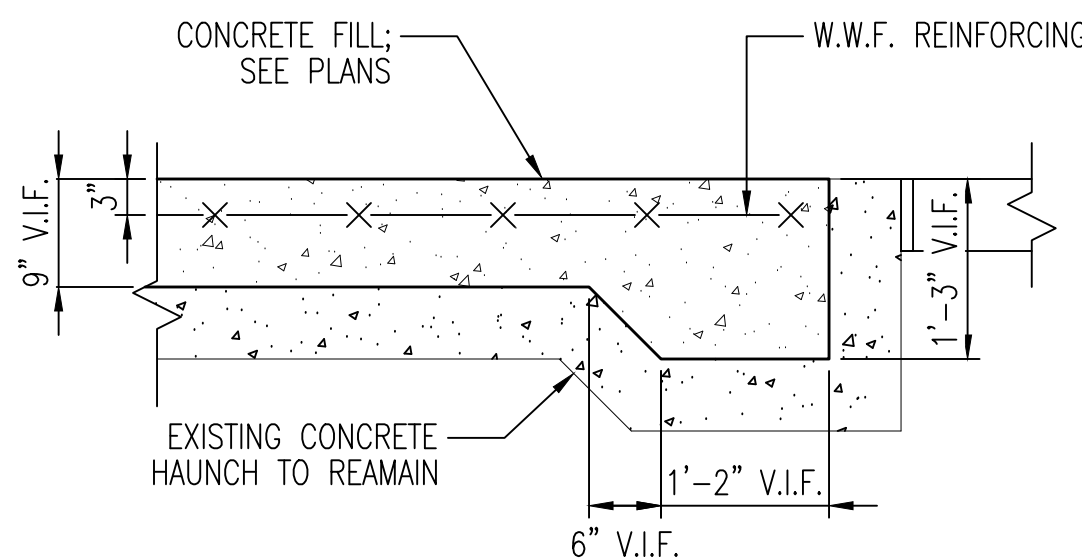
SCALE: N.T.S.



SECTION AT EXISTING PIT IN-FILL

SCALE: 3/4" = 1'-0"

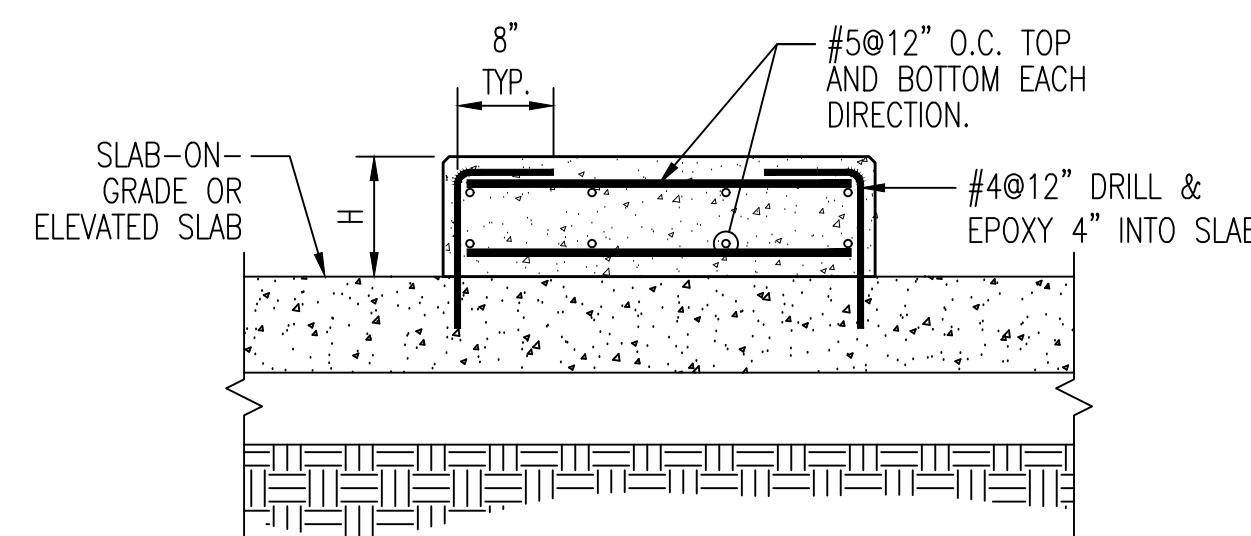
- GENERAL NOTES:
1. IF THE EXISTING WALL PENETRATION TO BE IN-FILLED IS LESS THAN 8\"/>



SECTION AT EXISTING WALL OPENING IN-FILL

SCALE: 3/4" = 1'-0"

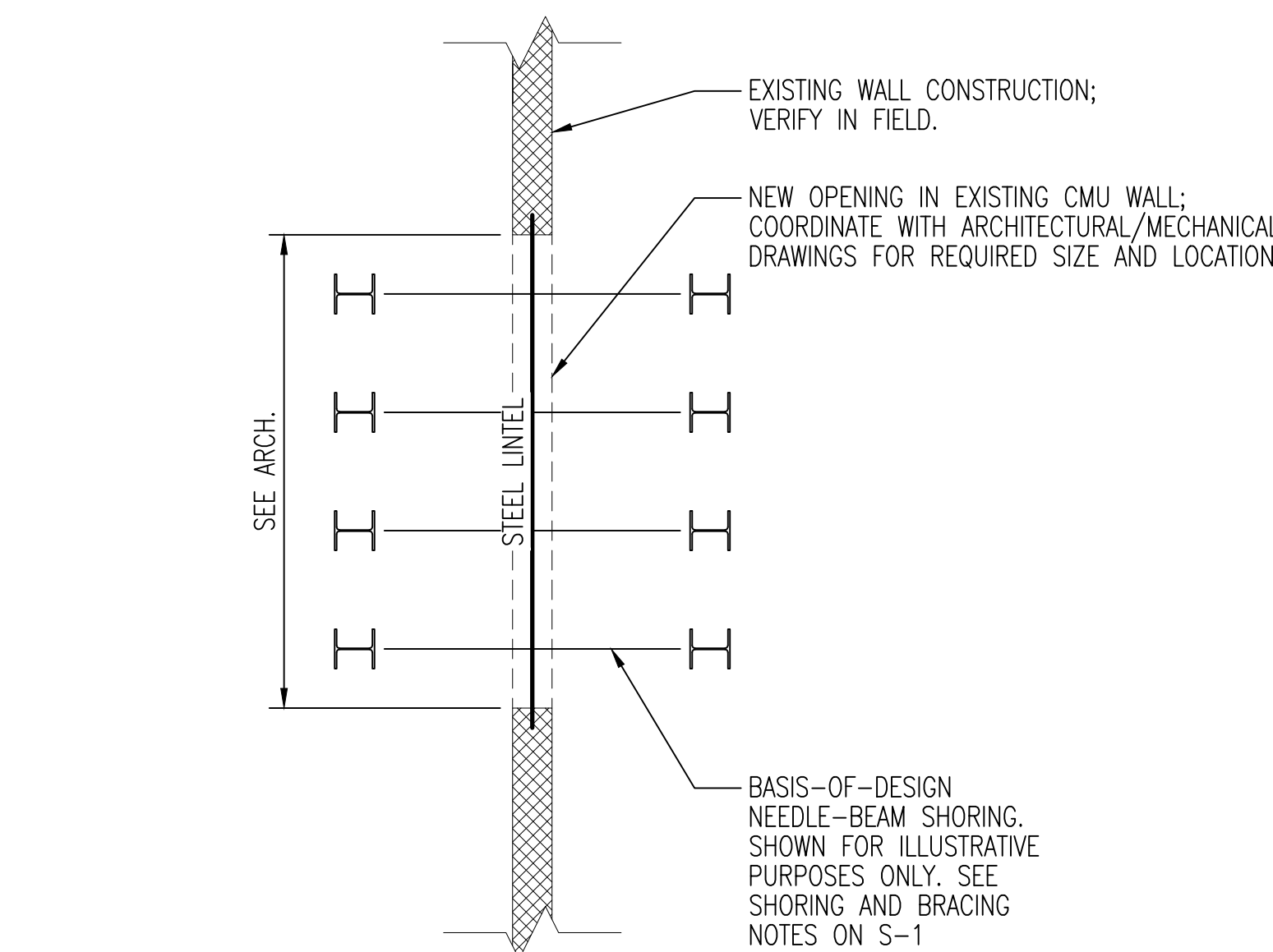
- GENERAL NOTES:
1. IF THE EXISTING WALL PENETRATION TO BE IN-FILLED IS LESS THAN 8\"/>



- NOTES:
1. FOR "H" LESS THAN 6" OMIT TOP LAYERS OF REINFORCING AND PLACE BOTTOM LAYER IN MIDDLE. ALL PADS FURNISHED BY .1 CONTRACTOR. COORDINATE EXACT REQUIREMENTS WITH CONTRACTOR INSTALLING THE EQUIPMENT. ALL DOWELS FURNISHED BY .1 CONTRACTOR FOR SIZE AND LOCATION. SEE ARCHITECTURAL AND OTHER CONSULTANT DRAWINGS AS REQ'D. COORDINATE WITH EQUIPMENT MANUF. FOR REQ'D DIMENSIONS.

TYPICAL DETAIL AT INTERIOR CONCRETE PAD

SCALE: N.T.S.



TYPICAL SCHEMATIC WALL OPENING DETAIL

SCALE: 3/4" = 1'-0" 3/4 SCALE

MASONRY WALL STEEL LINTEL SCHEDULE

MARK	TYPE	LINTEL	TOP PLATE	MAX. DESIGN M.O.	REMARKS
L-1	-	W8x21	3/8" PLATE	0'-0" TO 8'-0"	8" CMU
LOAD BEARING WALL LINTEL NOTES: 1. THE LOAD BEARING WALL LINTEL SCHEDULE APPLIES TO CMU WALLS INDICATED ON THE STRUCTURAL FRAMING PLANS. 2. COORDINATE REQUIRED BOTTOM PLATE WIDTH WITH WALL THICKNESS AS SHOWN ON THE ARCHITECTURAL DRAWINGS (e.g. 8" EXTERIOR CMU BEARING WALLS w/ VENER REQUIRE LINTEL PER SCHEDULE w/ BOTTOM PLATE ONLY). 3. BEAR LINTELS 8" MINIMUM EACH OF OPENING. 4. WHERE LINTEL INTERFERES WITH CONTROL JOINT PLACEMENT, PROVIDE FLEXIBLE CAULK JOINT. 5. ALL STEEL TO BE HOT-DIP GALVANIZED AT EXTERIOR WALL LOCATIONS. 6. ALL LINTELS WITH OPENINGS GREATER THAN 3'-4" REQUIRE (2) 3/4" F1554 GRADE 36 HEADED ANCHOR BOLTS PER END (6" MIN. EMBED.). COORDINATE w/ TYPICAL LINTEL WITH BRICK SUPPORT PLATE DETAIL ON S3.2 FOR BEARING CONSTRUCTION. 7. INSTALLATION, LEVELING AND WELDING OF NEW STEEL LINTELS, INCLUDING LOOSE LINTELS IN MASONRY WALL CONSTRUCTION ARE THE RESPONSIBILITY OF THE MASON.					

SECTION AT NEW LINTEL

SCALE: 3/4" = 1'-0"

REBID SUBMISSION
FEBRUARY 26, 2024

RECORD REVISIONS



SIGNATURE DATE

ARRIS ENGINEERING GROUP, LTD.
667 SOUTH RIVER STREET
PLAINS, PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

D.G.S. PROJECT No. C-0304-0015 PHASE 2

ELIZABETHTOWN TRAINING ACADEMY - RENOVATE
BOILER PLANT AND DOMESTIC / FIRE PROTECTION
PIPING

DEPARTMENT OF GENERAL SERVICES
ELIZABETHTOWN, LANCASTER COUNTY, PA

TYPICAL CONCRETE AND MASONRY
DETAILS

VERIFY SCALE

BAR IS ONE (1) INCH LONG
ON ORIGINAL DRAWING:

0 1

IF BAR IS NOT ONE (1) INCH LONG,
ADJUST SCALE ACCORDINGLY

CONTRACTOR SHALL FIELD VERIFY
ALL DIMENSIONS.
VARIANCE FROM CONTRACT
DOCUMENTS NOT PERMITTED
WITHOUT PROFESSIONAL & BUREAU
OF CONSTRUCTION APPROVAL.

DRAWN BY J. GRAHAM DATE FEB 2023

CHECKED BY M. BOWEN SCALE AS NOTED

DRAWING No. S-9