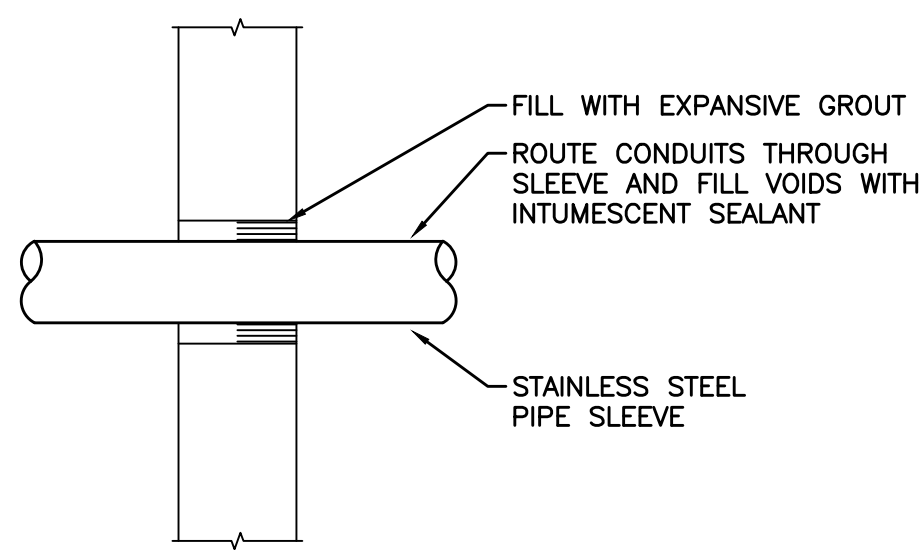
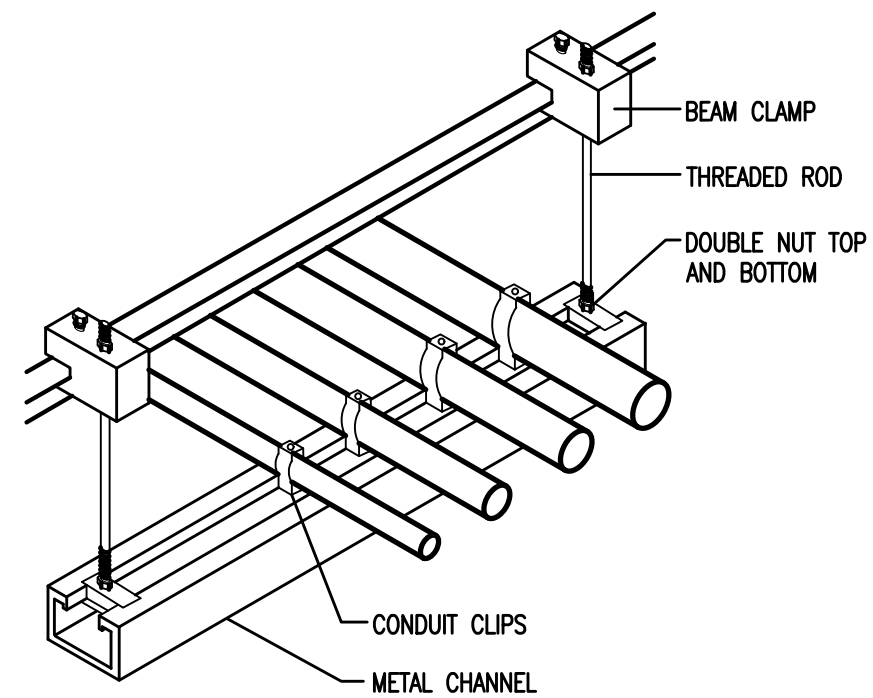


1 TRANSFORMER GROUNDING DETAIL
E-12 SCALE: N.T.S.

NOTE:
GROUND TRANSFORMER IN ACCORDANCE WITH NEC ARTICLE 250.
BOND GROUND AND NEUTRAL AT TRANSFORMER LOCATION, NOT AT PANELBOARD.



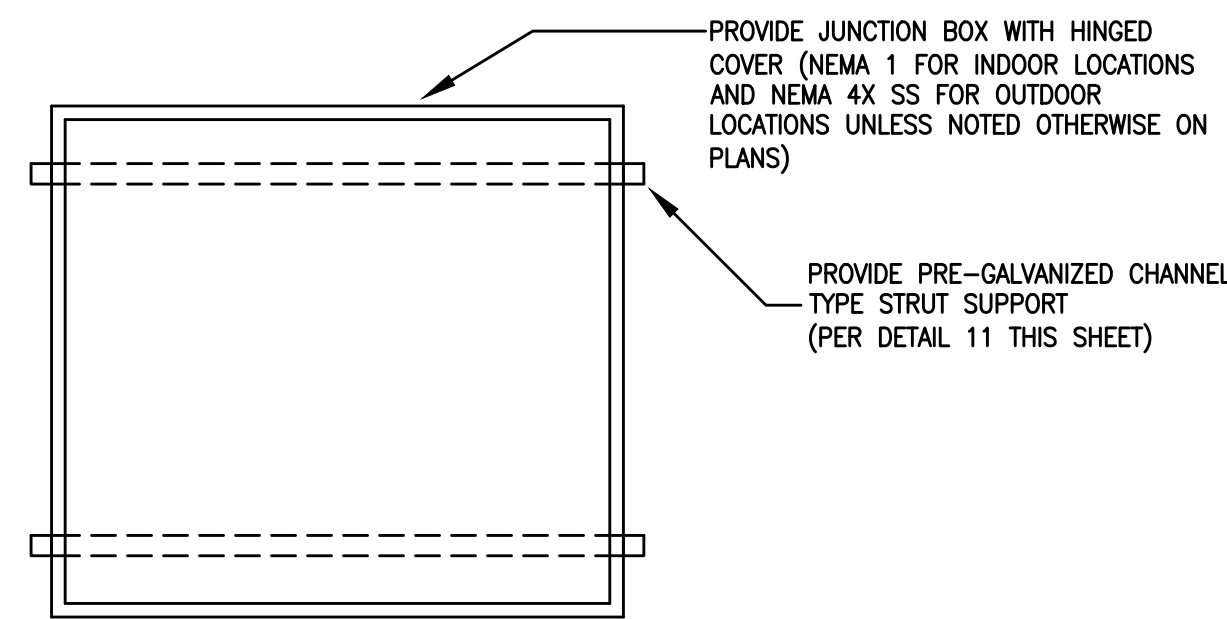
2 TYPICAL WALL PENETRATION DETAIL
E-12 SCALE: N.T.S.



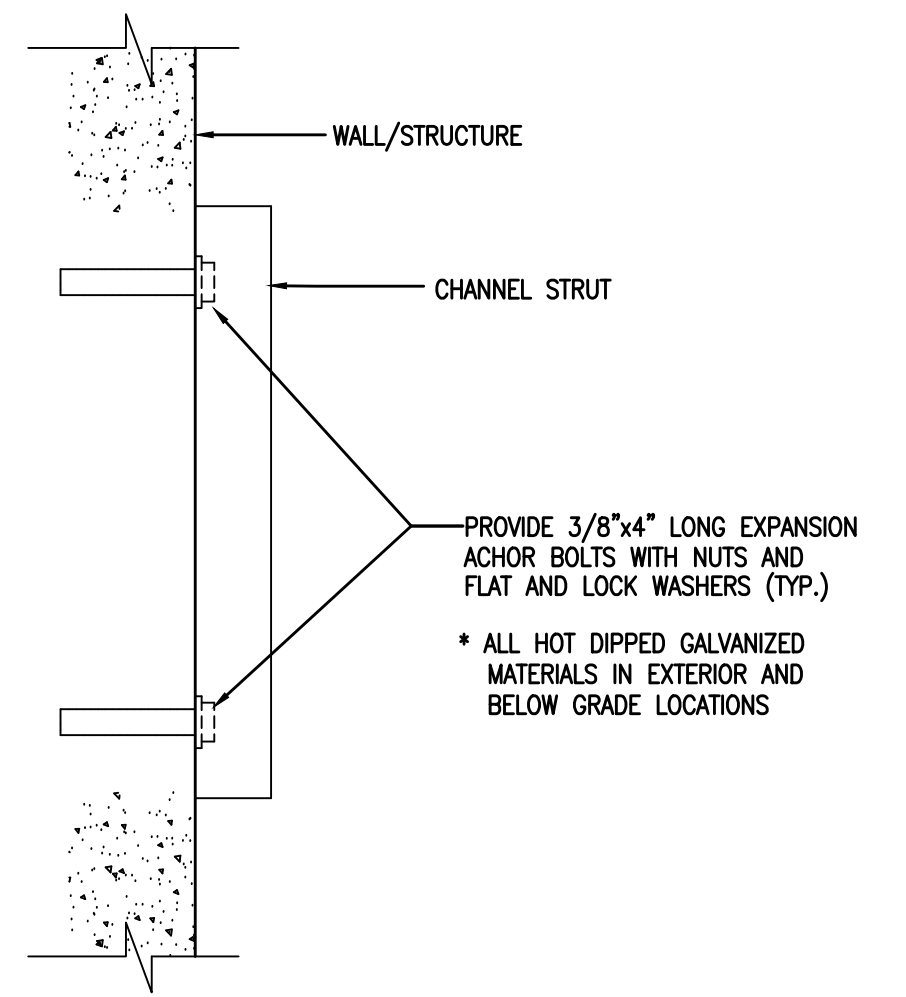
3 CONDUIT SUPPORT DETAIL
E-12 SCALE: N.T.S.

SUPPORT NOTES:

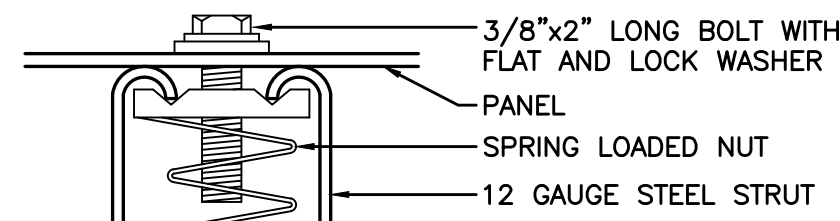
- CS1. CONDUIT SUPPORT SYSTEM SHALL BE CAPABLE OF SUPPORTING 400% OF CONDUIT WEIGHT.
- CS2. DETAIL IS APPLICABLE FOR CONDUIT SIZES 2" AND LARGER.



4 TYPICAL JUNCTION BOX WALL MOUNTING DETAIL
E-12 SCALE: N.T.S.

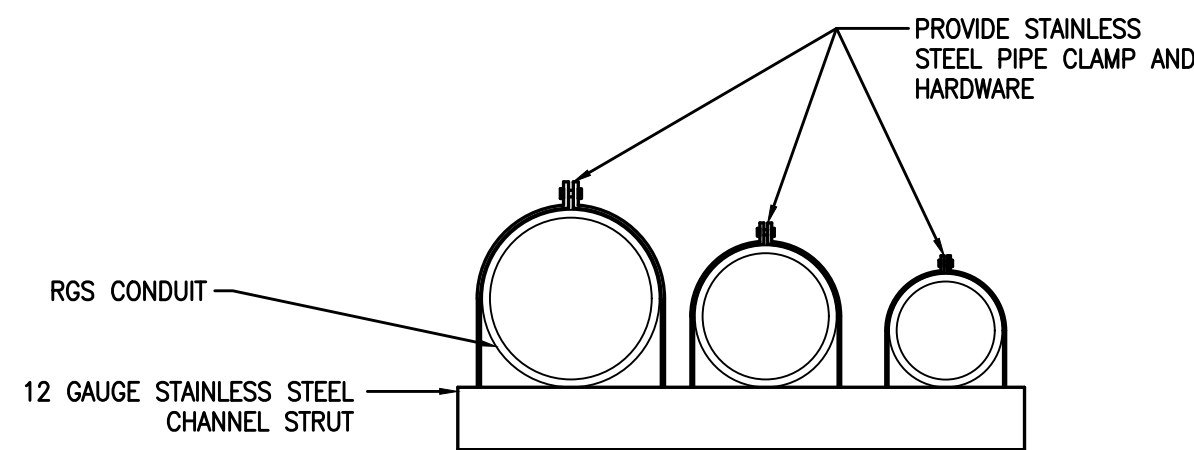


5 TYPICAL CHANNEL STRUT MOUNTING TO WALL/STRUCTURE DETAIL
E-12 SCALE: N.T.S.

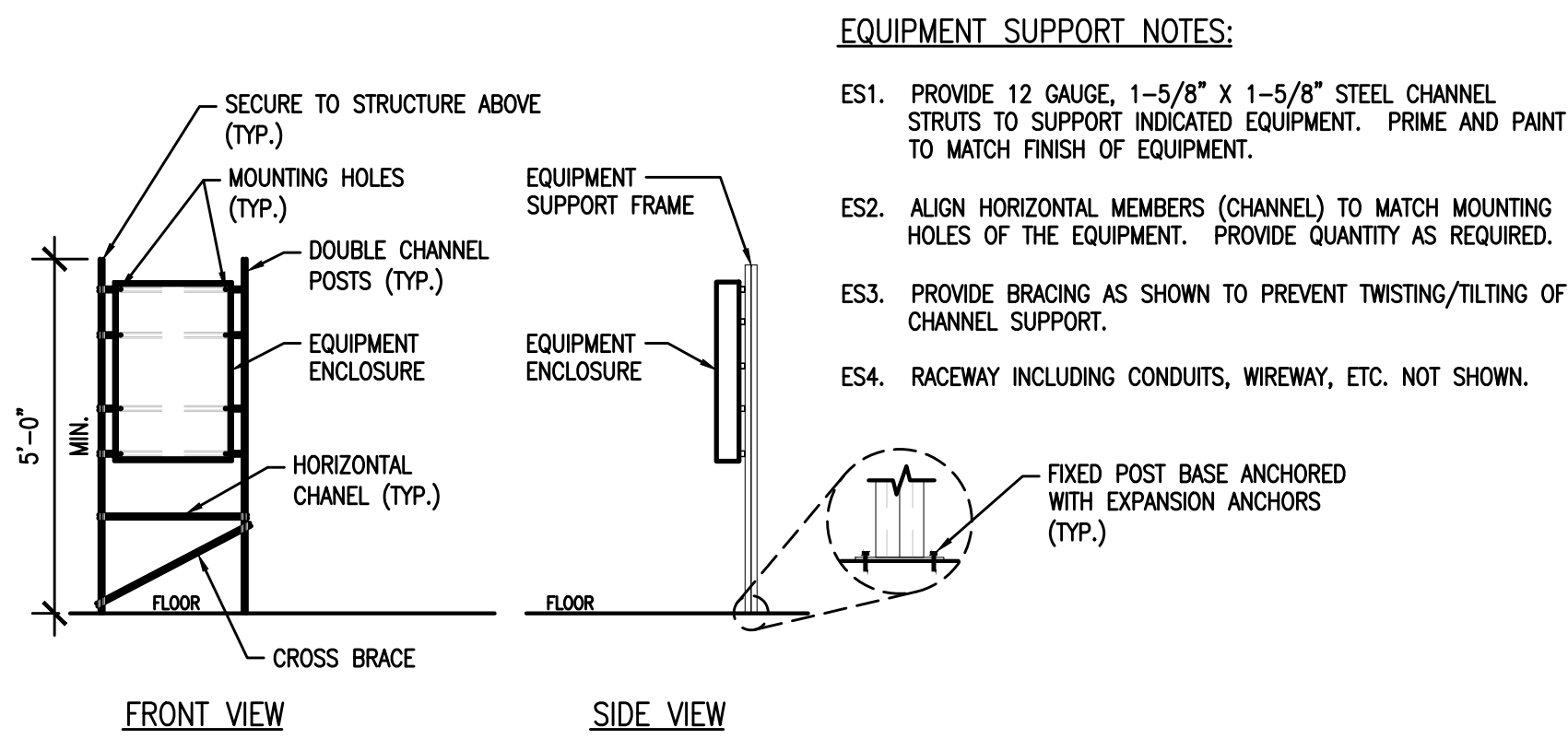


* ALL STAINLESS STEEL MATERIALS

6 TYPICAL PANEL TO STRUT MOUNT
E-12 SCALE: N.T.S.



7 TYPICAL CONDUIT TO STRUT MOUNT
E-12 SCALE: N.T.S.

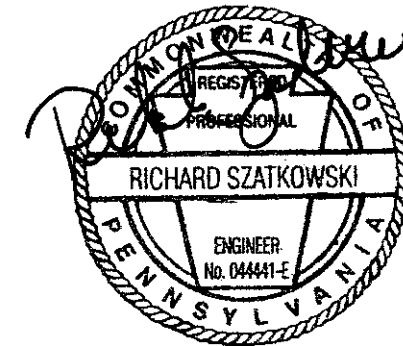


EQUIPMENT SUPPORT NOTES:

- ES1. PROVIDE 12 GAUGE, 1-5/8" X 1-5/8" STEEL CHANNEL STRUTS TO SUPPORT INDICATED EQUIPMENT. PRIME AND PAINT TO MATCH FINISH OF EQUIPMENT.
- ES2. ALIGN HORIZONTAL MEMBERS (CHANNEL) TO MATCH MOUNTING HOLES OF THE EQUIPMENT. PROVIDE QUANTITY AS REQUIRED.
- ES3. PROVIDE BRACING AS SHOWN TO PREVENT TWISTING/TILTING OF CHANNEL SUPPORT.
- ES4. RACEWAY INCLUDING CONDUITS, WIREWAY, ETC. NOT SHOWN.

8 EQUIPMENT SUPPORT DETAIL
E-12 SCALE: N.T.S.

REBID SUBMISSION
FEBRUARY 26, 2024

RECORD REVISIONS		
		
SIGNATURE _____ DATE 02-26-2024		
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 CORRECTIONS ELIZABETHTOWN, LANCASTER COUNTY, PA		
ELECTRICAL DETAILS		
E-12		

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 S. LOVE	DATE FEB 2023	DRAWING No. E-12
CHECKED BY R. SZATKOWSKI	SCALE AS NOTED	