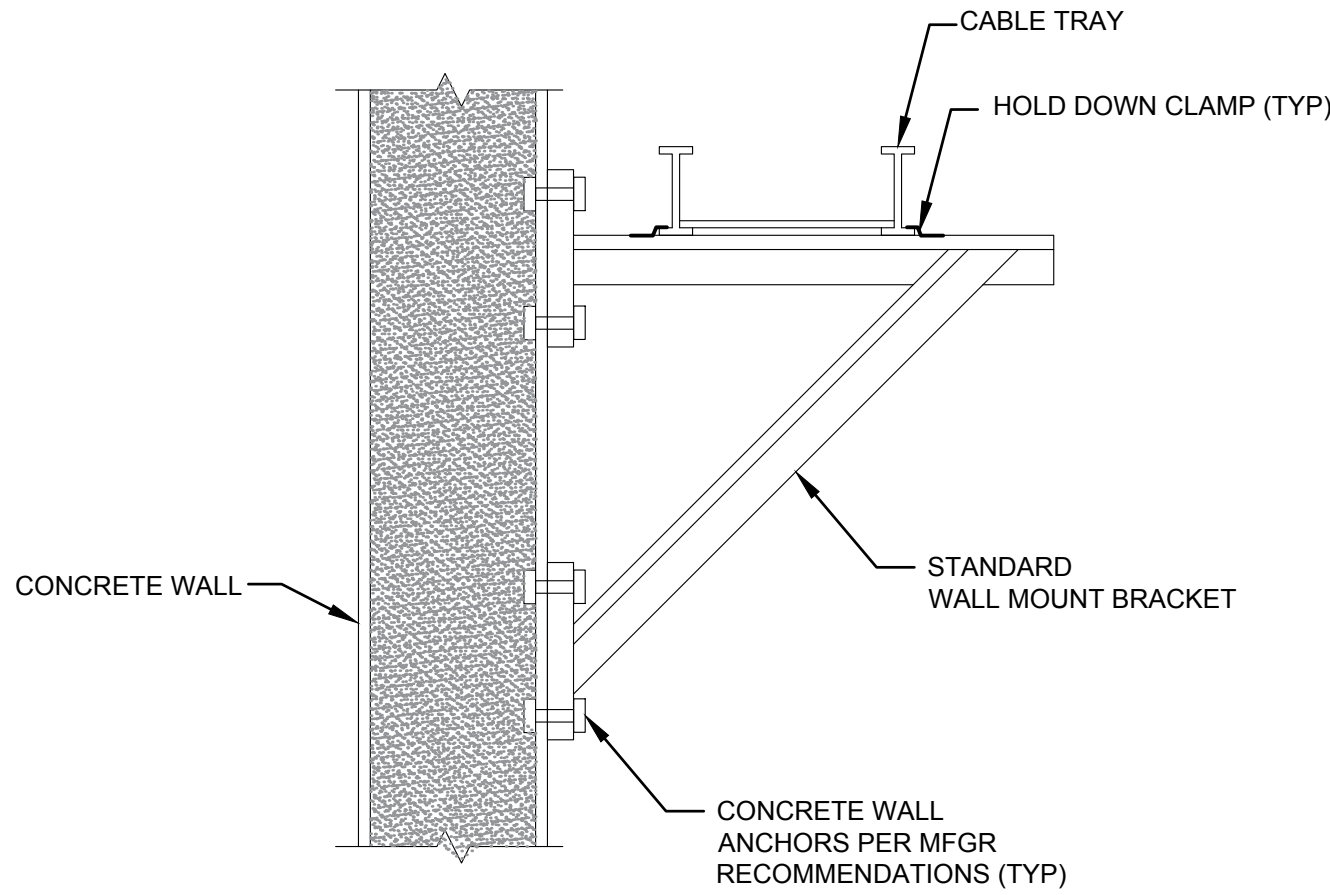
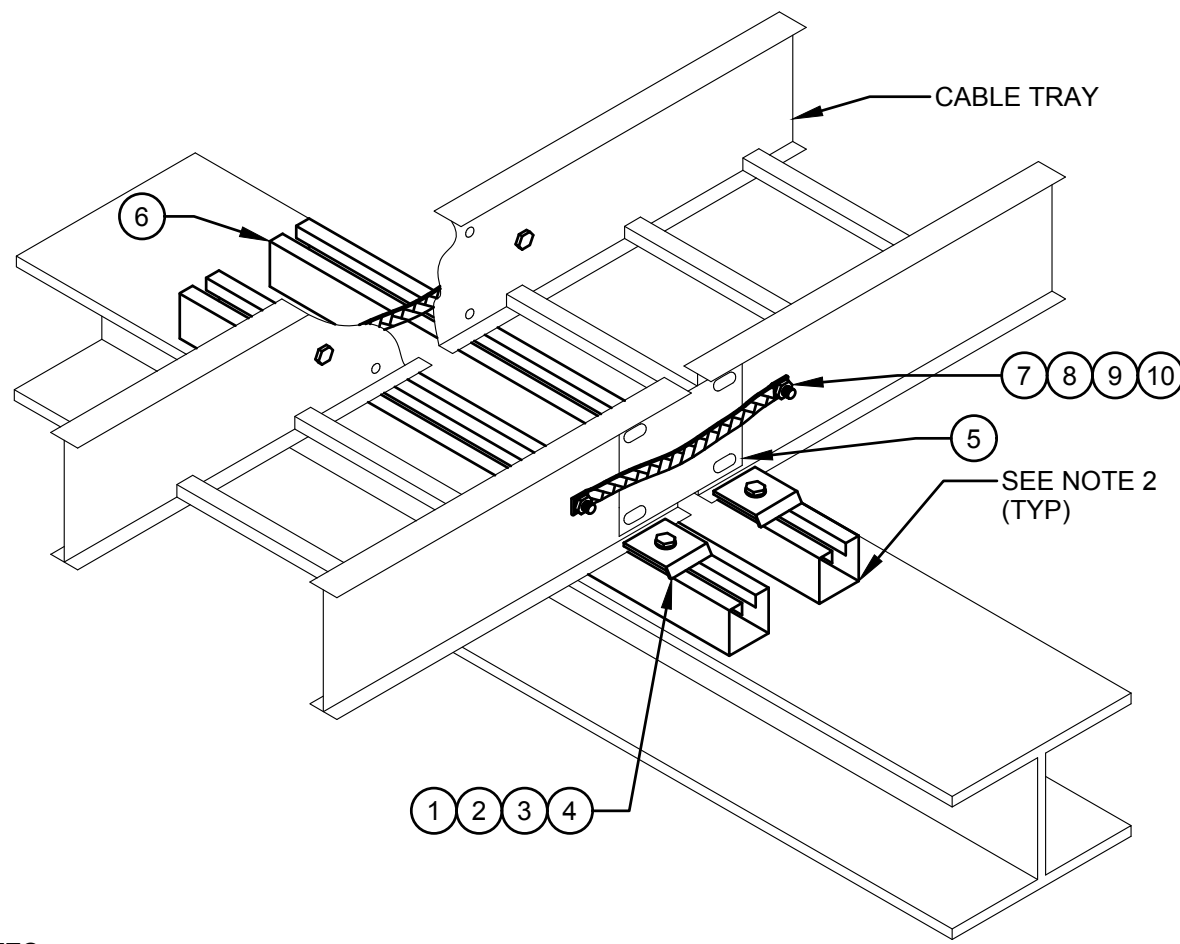


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Filename: P:\60577685900-CAD_GIS910-CAD20-SHEET\SEDESIGN01-TENDER PACKAGE 1\E1.02-TBU43 ELECTRICAL DETAILS.DWG



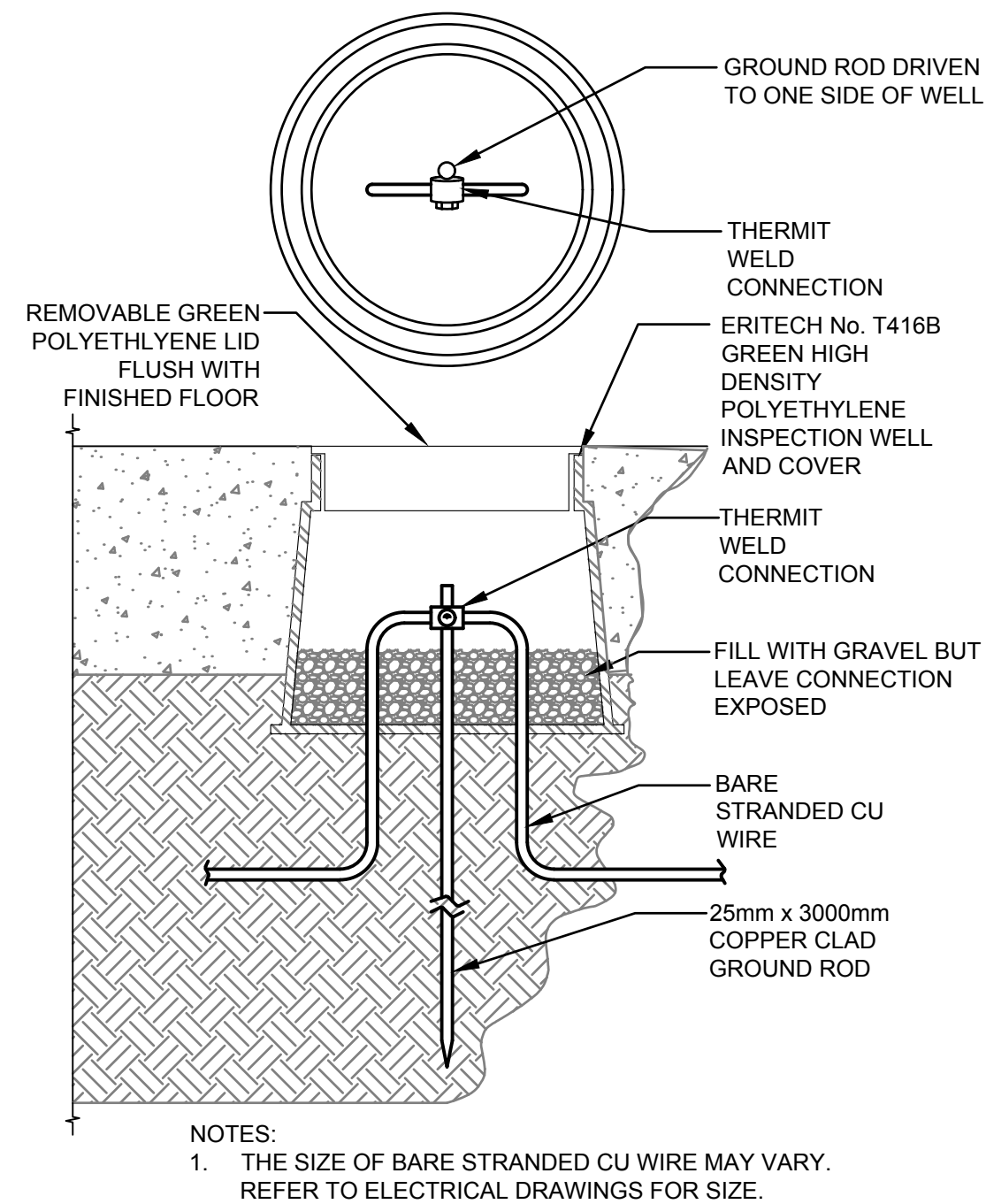
1 | TYPICAL WALL MOUNTED CABLE TRAY DETAIL
STD N.T.S.



NOTES:
1. CABLE TRAY DESIGN IS BASED ON SIMPLE SPAN TRAY INSTALLATION.
2. BOLT HEADS SHALL BE LOCATED INSIDE TRAY

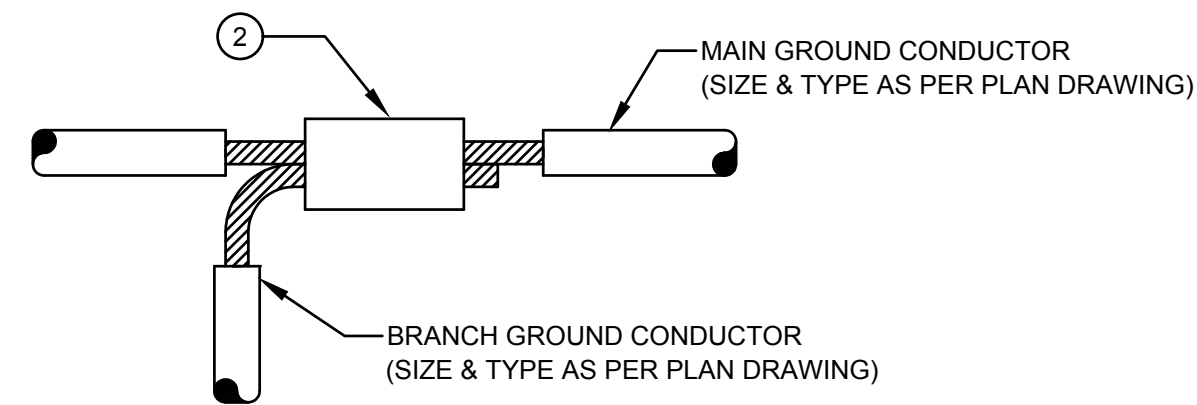
ITEM	QUANTITY	DESCRIPTION
1	4	HOLD DOWN CLAMP/EXPANSION GUIDE (ALUM.)
2	4	CAP SCREW HEX HEAD BOLT (STAINLESS STEEL)
3	4	FLAT WASHER (STAINLESS STEEL)
4	4	SPRING NUT (ZINC PLATED)
5	1 PR	EXPANSION SPLICE PLATE (COMPLETE WITH HARDWARE)
6	AS REQ'D	STRUT CHANNEL (HDG)
7	2	FLEXIBLE BRAID (COPPER)
8	4	CAP SCREW HEX HEAD BOLT (STAINLESS STEEL)
9	4	LOCK WASHER (STAINLESS STEEL)
10	4	HEX NUT (STAINLESS STEEL)

2 | TYPICAL CABLE TRAY SPLICE BONDING DETAIL
STD N.T.S.



NOTES:
1. THE SIZE OF BARE STRANDED CU WIRE MAY VARY. REFER TO ELECTRICAL DRAWINGS FOR SIZE.

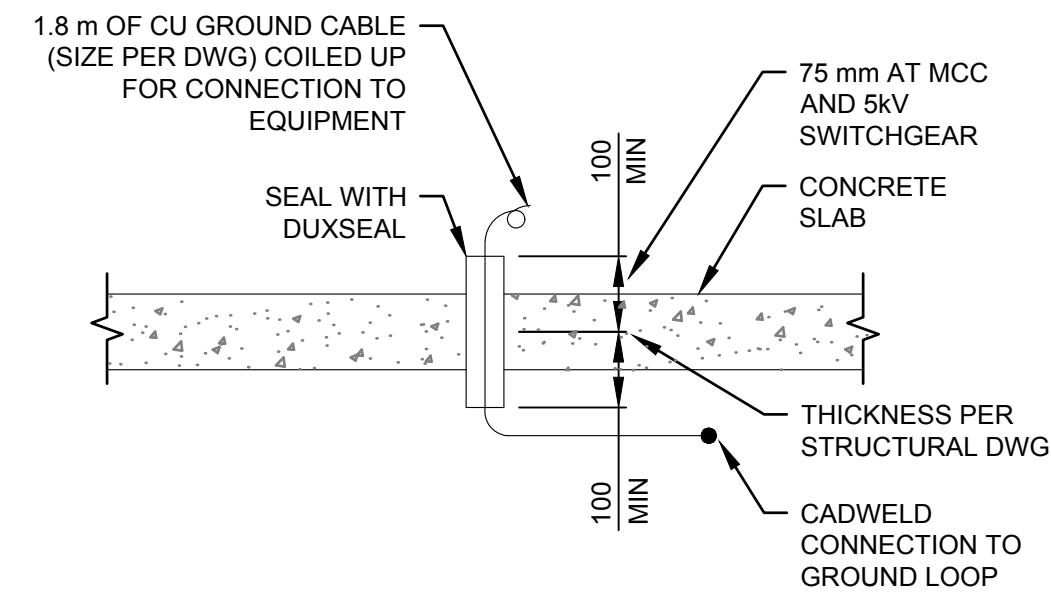
3 | GROUND ROD INSTALLATION DETAIL
STD N.T.S.



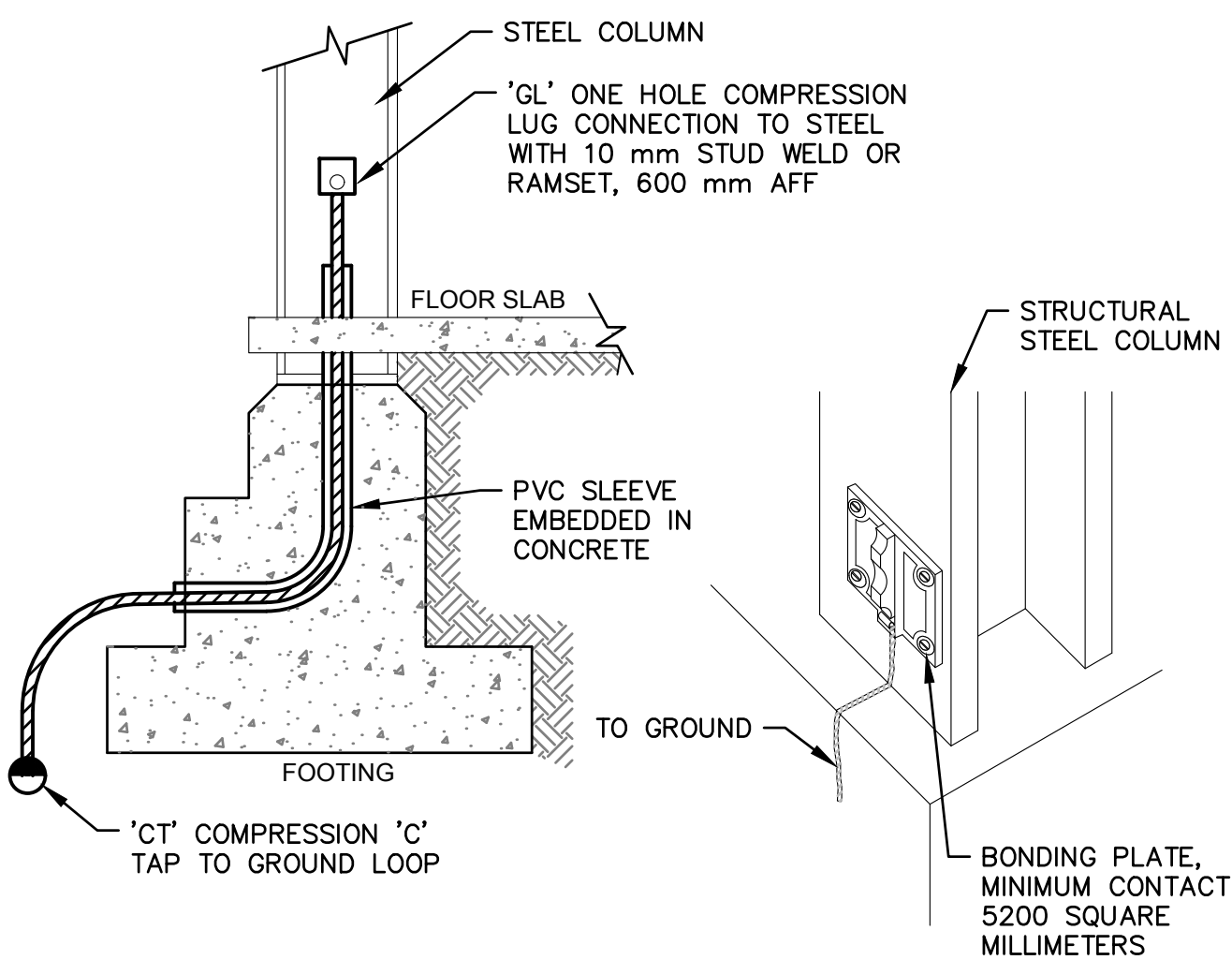
NOTES:
1. PROVIDE MECHANICAL PROTECTION AS REQUIRED.

ITEM	QTY.	DESCRIPTION
1	1	SERVIT POST GROUND CONNECTOR, SINGLE CONDUCTOR (COPPER ALLOY)
2	1	COMPRESSION CONNECTOR, DIRECT BURIAL, C-TAP (COPPER)

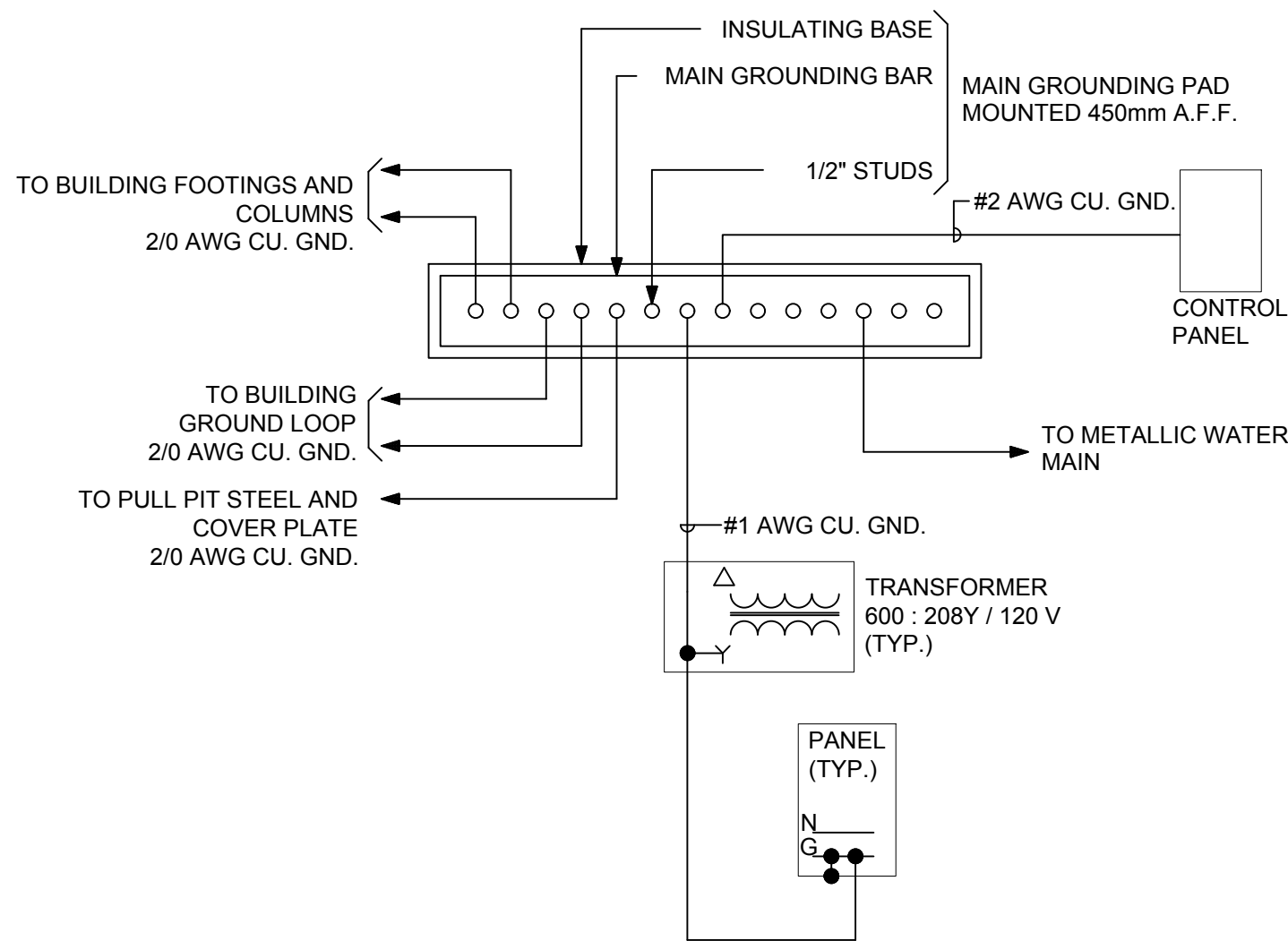
6 | TYPICAL GROUND SPLICE DETAIL
STD N.T.S.



7 | EQUIPMENT GROUND CABLE STUB-UP DETAIL
STD N.T.S.




4 | STEEL COLUMN OF METAL BUILDING DETAIL
STD N.T.S.



NOTES:
1. THE SIZE OF BARE STRANDED CU WIRE MAY VARY. REFER TO ELECTRICAL DRAWINGS FOR SIZE.

5 | MAIN GROUNDING BUS DETAIL
STD N.T.S.




Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada


REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

TENDER

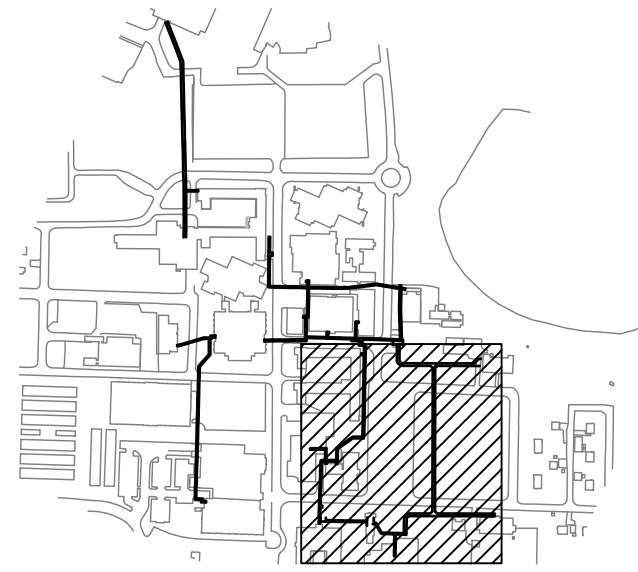
NOT FOR CONSTRUCTION



PROFESSIONAL ENGINEER
MEMBER 14101
19.09.27
YR. MN. DAY
SASKATCHEWAN

ASSOCIATION OF PROFESSIONAL ENGINEERS
& GEOSCIENTISTS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
AECOM Canada Ltd.
NUMBER C1667
PERMISSION TO CONSULT HELD BY:
DISCIPLINE SASK. REG. No. SIGNATURE
ELECTRICAL 36101 

Key Plan



Revision	Description	Date
E	Issued For Tender	19/09/30
D	Issued For 99% Review	19/06/21
C	Issued For 85% Review	19/03/15
B	Not Issued	-
A	Not Issued	-

Client

Public Works and
Government Services Canada

Project title

Tunnel Revitalization

Designed by B. Stewart
Drawn by T. Shrufi
Approved by B. Wolfater
PWGSC Project Manager J. Dayman
Drawing title

Package 1 - TBU43 - Tunnel
Electrical
Electrical Details

Project no.	Drawing no.	Revision no.
1004259	E1.02	E