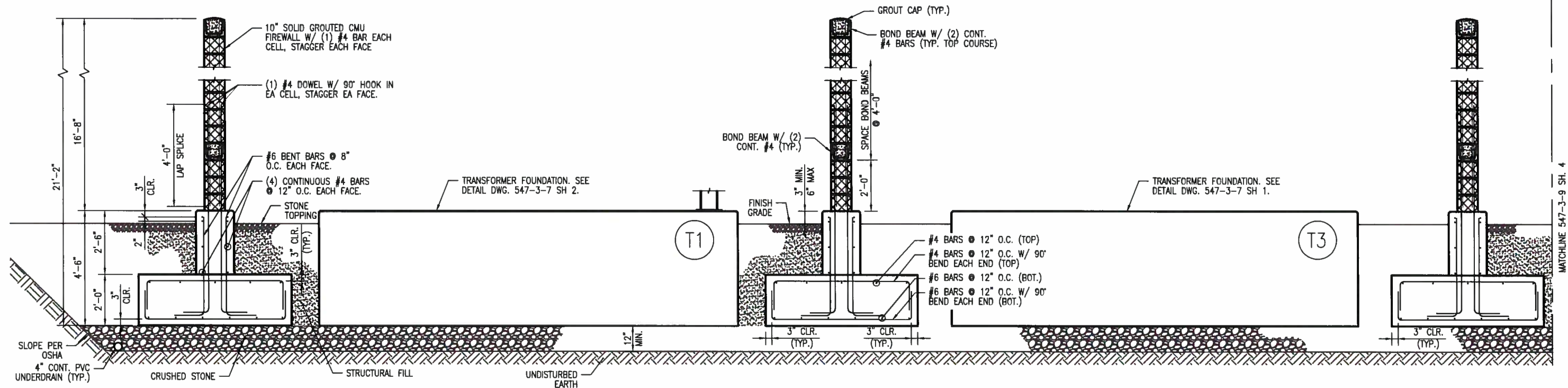
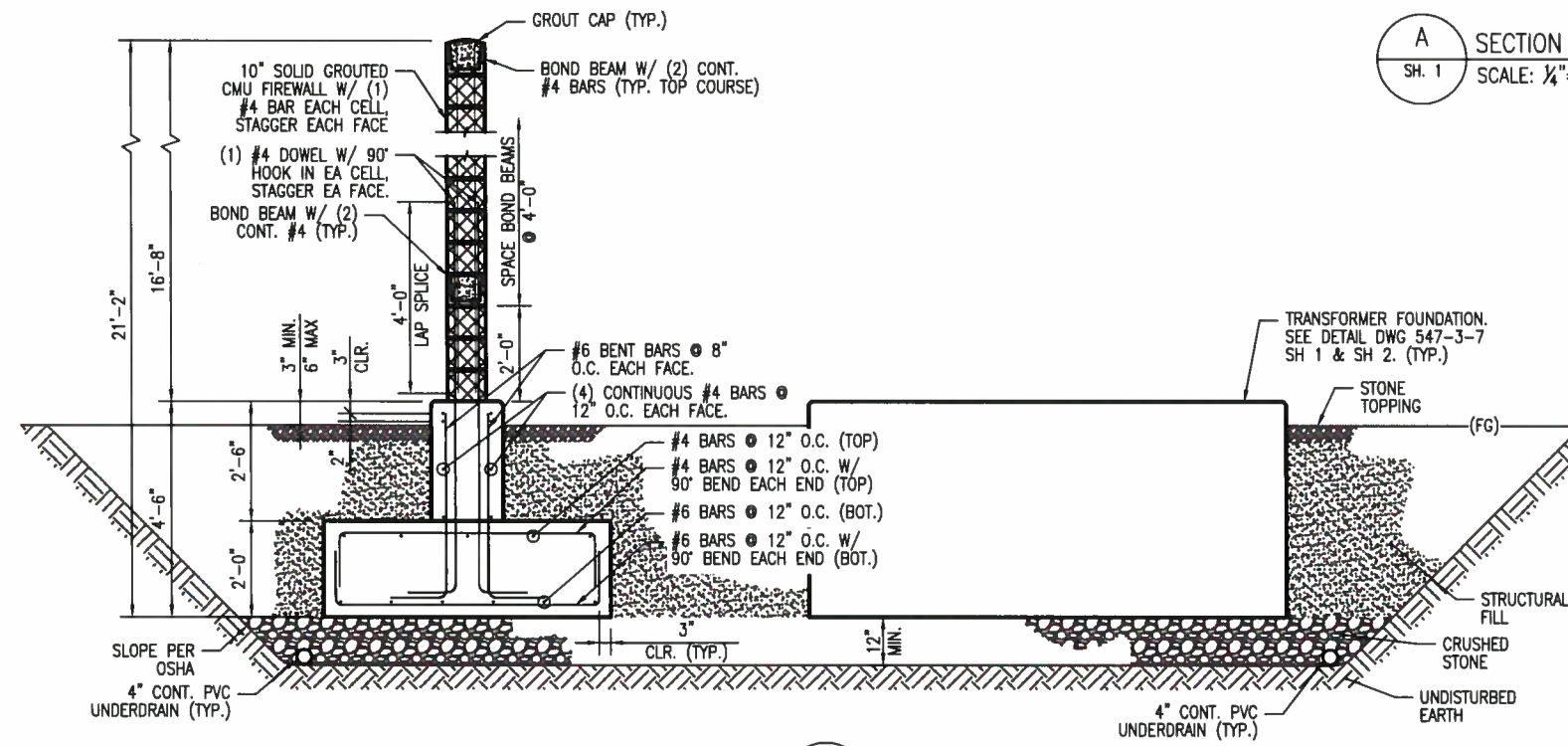


CADD Drawing, DO NOT REVISE MANUALLY.



A SECTION
SH. 1 SCALE: 1/4"=1'-0"



B SECTION
SH. 1 & 2 SCALE: 1/4"=1'-0"

MASONRY NOTES:

- ALL MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.01-08.
- ALL CONCRETE MASONRY UNITS SHALL BE ASTM C90 GRADE N, TYPE I STANDARD WEIGHT BLOCKS INCLUDING STRETCHERS AND CORNER BLOCKS. MINIMUM PRISM STRENGTH OF BLOCK SHALL BE $f'_m = 1500$ PSI IN 28 DAYS.
- ALL CONCRETE MASONRY UNITS SHALL BE PIGMENTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- GROUT SHALL CONFORM TO ASTM C476, COARSE, CONVENTIONAL, $f'_g = 2500$ PSI.
- REINFORCING STEEL ASTM A615, GRADE 60.
- CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND UNLESS OTHERWISE NOTED. PROVIDE FULL MORTAR COVERAGE ON ALL WEBS AND FACE SHELLS.
- CELLS SHALL BE 2-CELL BLOCK. ALIGN CELLS TO MAINTAIN A CLEAR UNOBSTRUCTED, CONTINUOUS VERTICAL CHASE FREE OF PROTRUSIONS OR FINS OF MORTAR. FILL ALL CELLS OF MASONRY UNITS AND WALL CAVITIES WITH GROUT. MAXIMUM GROUT LIFT WITHOUT CLEAN-OUTS SHALL BE 4'-0". SUPPORT ALL VERTICAL BARS IN GROUTED CELLS WITH VERTICAL BAR POSITIONER.
- 4 HOUR FIREWALL RATING IN ACCORDANCE WITH TABLE 721.3.2, IBC 2009.

FOUNDATION NOTES:

- CONCRETE SHALL BE ACCORDANCE WITH PROJECT SPECIFICATIONS.
- REINFORCING SHALL BE ASTM A615 GR. 60 (60ksi YIELD).
- PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES, UNLESS NOTED OTHERWISE.
- FOUNDATIONS SHALL BE PLACED ON CRUSHED STONE.
- FOUNDATIONS SHALL BE BACKFILLED & COMPACTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- SEE DRAWING 547-3-9 SH. 4 FOR DESIGN DATA.
- AN ESTIMATED 115 C.Y. OF CONCRETE IS REQUIRED FOR THE ENTIRE FIREWALL FOUNDATION. ESTIMATED QUANTITY IS FOR OWNER'S ASSET MANAGEMENT PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING QUANTITIES REQUIRED FOR CONSTRUCTION AND BID PURPOSES.

TRC 249 WESTERN AVENUE
AUGUSTA, ME 04330
PROJECT NO: 183112

REFERENCE DRAWING NUMBER	DESCRIPTION
547-6-3	CONDUIT PLAN
547-3-7	TRANSFORMER FOUNDATION DETAIL
547-3-5	FOUNDATION PLAN

Professional Engineer Seal
STATE OF MAINE
DANIEL T. BUTLER
No. 6796
LICENSED PROFESSIONAL ENGINEER
5/16/13

CENTRAL MAINE POWER CO.
IBERDROLA USA
USA ENGINEERING
CONFIDENTIAL, PROPRIETARY
and TRADE SECRET INFORMATION
Property of Iberdrola, USA

FOUNDATION DETAIL
FIREWALL
UNION STREET SUBSTATION

REV.	DATE	BY	DESCRIPTION
0	07/16/13	TRC	IFC ISSUE FOR CONST 2013

DR. TRC/SGL	FILE: 547-3-9 SH.3.DWG	REV. 0
CK. TRC/RAY	NO.	
DTB APP. CMP/PN	547-3-9 SH.3	
APP. DATE: 5/14/12	SCALE: AS NOTED	