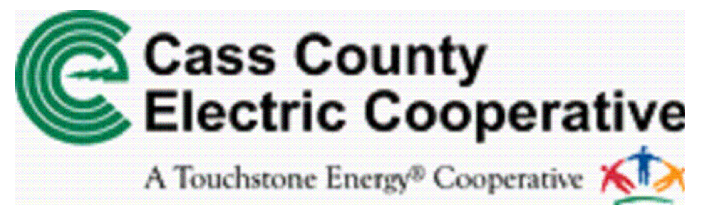


TRANSFORMER PAD FARGO, ND

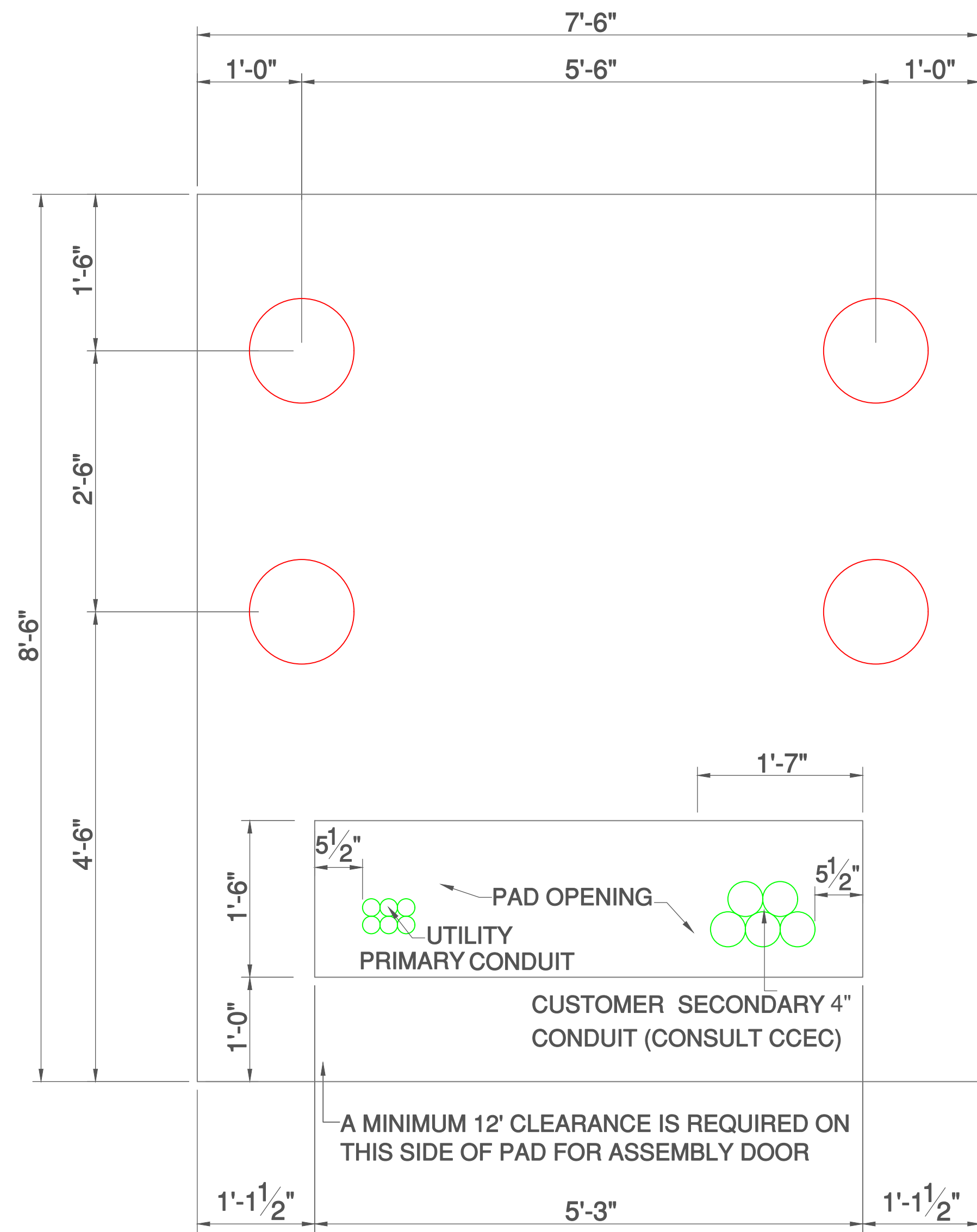
REV.	DATE	DESCRIPTION	BY
0	02/06/2025		TK



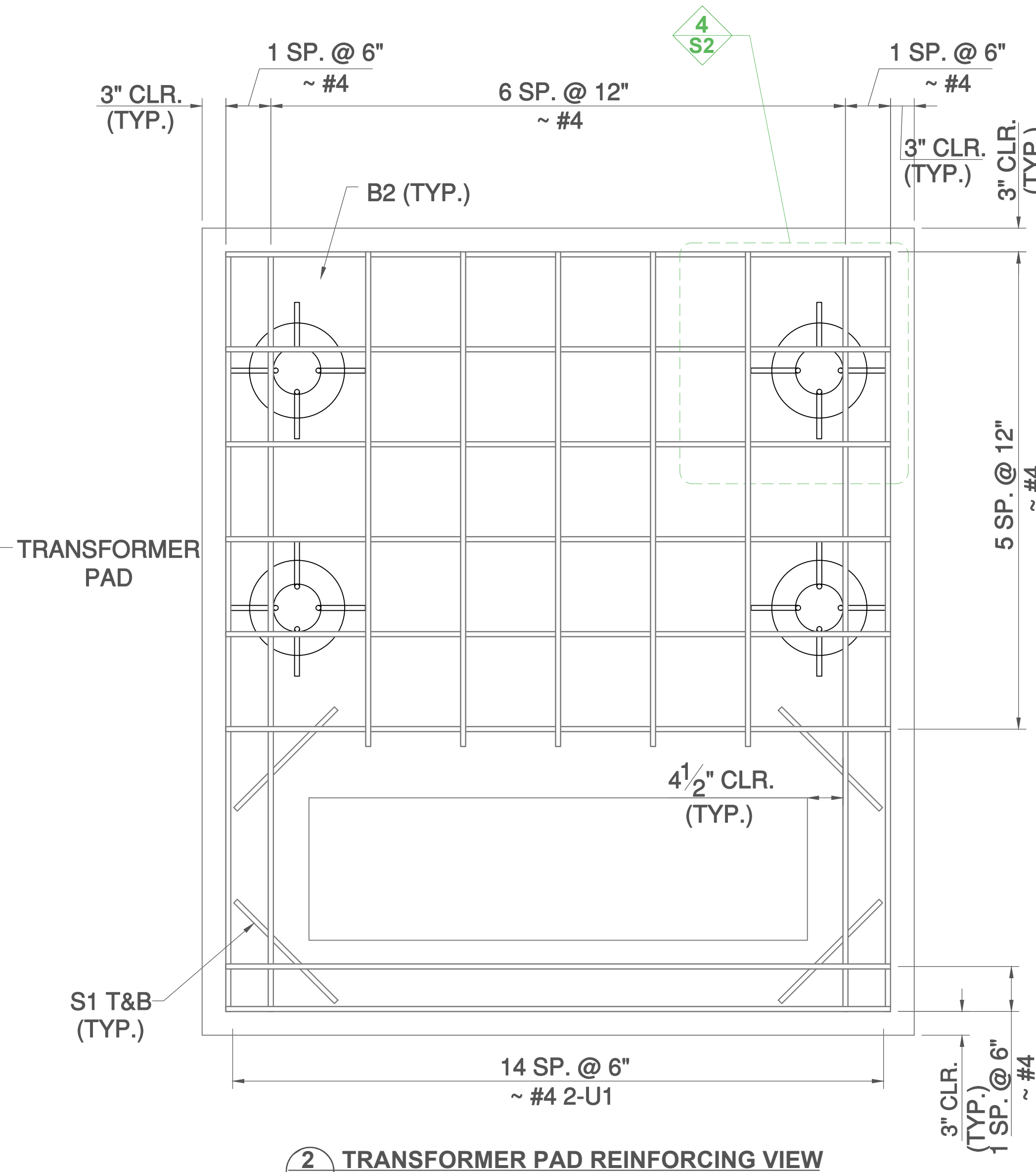
CASS COUNTY ELECTRIC COOPERATIVE
FARGO, ND

NOTES:

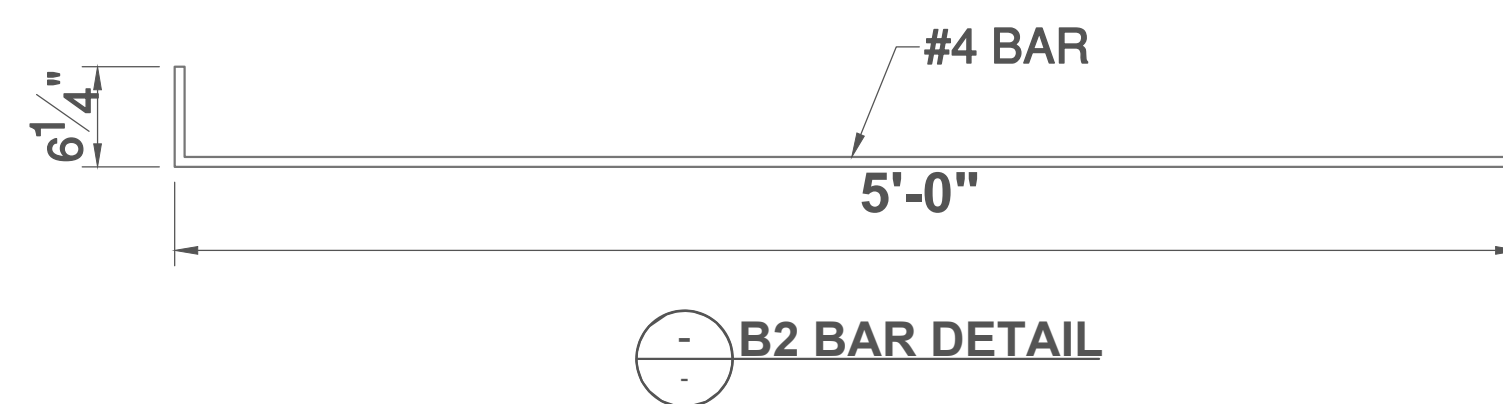
- FOOTINGS ARE REQUIRED 5' DEPTH FOR FORM TUBES. FOOTING MUST BE TIED INTO REBAR.
- MINIMUM SPACE BETWEEN BUILDING AND TRANSFORMER 3FT IF BUILDING HAS 2HR RATED FIREWALL.
- MAINTAIN CUSTOMER CONDUITS WITHIN 19" OF END OF PAD OPENING.
- CONSULT CCEC FOR CONDUIT SIZE AND NUMBERS.
- ALL EXPOSED CONCRETE EDGES TO HAVE 3/4" CHAMFER.
- TRANSFORMER PAD CONCRETE COMPRESSIVE STRENGTH TO BE 4,500 PSI OR GREATER. STEEL REINFORCEMENT TO BE 60,000 PSI YIELD STRENGTH GRADE 60 STEEL.
- ASSUMED SERVICE LEVEL SOIL BEARING PRESSURE OF 1500 PSF
- REBAR SUPPLIER TO PROVIDE CHAIRS AS REQ'D FOR TOP MAT SUPPORT.
- BOTTOM GRADE OF PAD SHOULD BE LEVEL WITH SURROUNDING SURFACE.



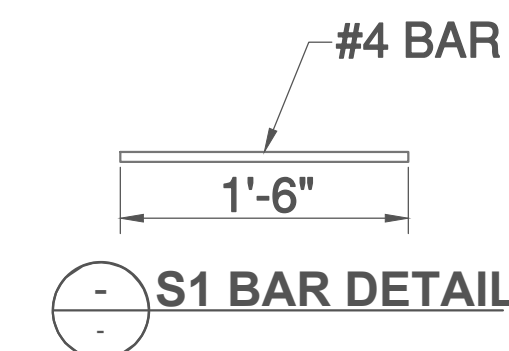
1 S2 TRANSFORMER PAD PLAN VIEW



2 S2 TRANSFORMER PAD REINFORCING VIEW



B2 BAR DETAIL



S1 BAR DETAIL

ISSUED FOR
CONSTRUCTION

DESIGN BY: TK
DRAWN BY: NWL
APPROVED BY:

THREE PHASE
TRANSFORMER CONCRETE
PAD ASSEMBLY S1
(45-2000 KVA)

DRAWING NUMBER:
FD3-001_CCEC

REVISION:
0