1 SP. @ 6" 1 SP. @ 6" 7'-6" 6 SP. @ 12" 3" CLR. 5'-6" 1'-0" 1'-0" (TYP.) ~ #4 3" CLR. (TYP.) "E B2 (TYP.) 1'-6" -TRANSFORMER PAD 4¹/₂" CLR. (TYP.) PAD OPENING_ UTILITY PRIMARY CONDUIT CUSTOMER SECONDARY 4" 1.-0" CONDUIT (CONSULT CCEC) S1 T&B-(TYP.) 14 SP. @ 6" -A MINIMUM 12' CLEARANCE IS REQUIRED ON ~ #4 2-U1 THIS SIDE OF PAD FOR ASSEMBLY DOOR 1'-1¹/2" 1'-1¹/2" 5'-3" 2 TRANSFORMER PAD REINFORCING VIEW \$2 TRANSFORMER PAD PLAN VIEW

614"

NOTES:

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

TRANSFORMER PAD

FARGO, ND

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



CASS COUNTY ELECTRIC COOPERATIVE FARGO, ND

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

NUMBER: REVISION:

#4 BAR

5'-0"

1'-6"

- S1 BAR DETAIL