



ENGINEERING & CONSTRUCTION STANDARD

SHEET 15 OF 48

TRANSFORMER PAD

VOLUME 17

1Ø

DRAWING NUMBER

25 - 167 KVA

PE0001U

DRAWN	DESIGN	SUPR	DATE	REV
JVW	MB	DA	09/07	05

SPPC DRAWING #	A	A1	B	B1	C	D	E	F	G	H	I	J	WEIGHT (LBS)
PE0001U 1Ø XMFR PAD STOCK # 24-0692	44"	45"	48"	49"	13"	7"	8.5"	27"	2"	6"	12"	9"	800 CONCRETE

CONSTRUCTION NOTES

1. CONDUITS TO BE IN PROPER CONFIGURATION TO ALLOW CONDUIT SPACING AND PLUGGED PER CD0001U, SECTION 12.1.
2. 8" - 12" TYPE 2 BACKFILL TO BE COMPACTED AT 95%. SEE SECTION 5.0 OF SUB01X, VOLUME 17, SECTION 3.
3. OPTIONAL AREA MUST BE COMPACTED TO 90%.
4. SAND AREA TO BE COMPACTED AT 90%. 12" OF SAND MUST COVER THE CONDUIT.
5. A 17" X 30" X 12" (N36) EXTENSION IS REQUIRED, STK #24-0480: IF 750 KCM IS USED; OR IF A F.T.S. OR F.I.T. TRANSFORMER (BREAKER OR FUSED TRANSFORMER) IS TO BE INSTALLED; OR IF THE TRANSFORMER IS BEING INSTALLED IN THE LAKE TAHOE AREA. IN THE LAKE TAHOE AREA, GROUT THE BOTTOM 2" OF THE 17" X 30" X 12" (N36) EXTENSION FOR PEST PREVENTION.
6. GROUND ROD (5/8" X 8' COPPER-CLAD), TO BE INSTALLED BY DEVELOPER. TELEPHONE AND CABLE TV GROUND WIRE TO BE ATTACHED BY APPLICANT.
7. IN CALIFORNIA, ALL PAD MOUNTED EQUIPMENT WILL BE SECURED IN PLACE. SEE GO - 128, RULE 34.3A.

ENGINEERING NOTES

- A. ALL FIELD CAST PADS ARE TO BE BUILT TO SPPC'S SPECIFICATION - PAD01X - AND **MUST** BE INSPECTED BY SPPC PRIOR TO POURING CONCRETE.
- B. DO NOT CONCRETE SHADED AREAS.
- C. IN CALIFORNIA, OR LAKE TAHOE AREAS, IF THE GROUND ROD DOES NOT MEGGER LESS THAN 25 OHMS, ANOTHER GROUND ROD MUST BE DRIVEN. SEE GO-128, RULE 21.5A.
- D. PAD STOCK # 24-0692 WILL FIT ALL SINGLE PHASE TRANSFORMERS AND SWITCHES, STOCK #25-3912 AND #25-3937.



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