300 PADMOUNT TRANSFORMER SLAB DETAIL

500 KVA TO 1000 KVA
9000 POUNDS

EDGE OF BUILDING

9000 POUNDS
4'-0" MINIMUM*

FOR PRIMARY CABLES
36" RADIUS BEND CONDUIT WITH 90
1-4" NON-METALLIC

1'-6" 7'-6"

1'-6" 5'-3"

5'-3" 1'-10"

1'-8" 4'-0"

1'-8"

1'-6"

4'-6" 1'-0"

1'-0"

1'-8"

3" 3" TYPICAL

7" FINISHED GRADE

MATERIAL

UNDISTURBED SURFACE OF TO CLEAN LEVEL SHALL BE EXCAVATED BOTTOM OF HOLES THE STANDARDS AS SPECIFIED IN THE CUSTOMER SHALL EQUAL OR EXCEED ALL MATERIAL FURNISHED BY THE FACTORY MUTUAL INSURANCE COMPANY RECOMMENDS THE TOP THREE (3) FEET OF SUBGRADE IS SUSCEPTIBLE TO A HIGH WATER TABLE OR PERIODIC SATURATION, THE EXISTING SOIL SHALL BE EXCAVATED AND BACKFILLED WITH A CLEAN ACCEPTABLE GRANULAR FILL AND THOROUGHLY COMPACTED TO 90% OF MAXIMUM DENSITY PER ASTM D2049 AND D1556.

ALL CUSTOMER INSTALLED PRIMARY CONDUITS TO BE RODDED AND PROVEN CLEAR, AND A JET LINE TO BE LEFT IN EACH CONDUIT.

ALL CONDUITS ENTERING SLAB TO BE VERTICAL AND AT A 90° ANGLE WITH TOP OF SLAB

TOP OF SLAB MUST BE SMOOTH, FLAT AND LEVEL.

NO WALLS TO BE BUILT AROUND OR CANOPIES ABOVE TRANSFORMER. PLACE TRANSFORMER AWAY FROM DOORS, WINDOWS, & BUILDING OPENINGS. *

CUSTOMER TO FURNISH ALL MATERIAL, EXCEPT WHERE NOTED.

8.08.5

CONSTRUCTION

TWO HOURS FIRE RESISTANT CONSTRUCTION

5' 15' 25'

NON-COMBUSTIBLE CONSTRUCTION

COMBUSTIBLE CONSTRUCTION

IDUSSUED DATE

Revised 01-15-20 By CLS
DESIGN ENTRY BY: ROBERT B ADAMS