1) THIS DETAIL APPLIES ONLY AT PADMOUNT TRANSFORMERS OUTSIDE OF BUILDINGS.
2) NO EQUIPMENT GROUNDING CONDUCTORS WITH SECONDARY CABLES TO SWITCHBOARD.
3) #2 SOLID SOFT DRAWN COPPER GROUND BUS
4) GROUND ROD 3/4"X10'.
5) FLEX CONNECTOR FROM X0 (N) TO GROUND PAD.
6) CONNECT #2 SOLID SOFT DRAWN COPPER GROUND BUS TO TRANSFORMER GROUNDS WITH PENN-UNION CAT. # GSE-020 GROUND CLAMP.
7) CONNECT #4 GROUNDING CONDUCTOR & HIGH VOLT DRAIN WIRES TO #2 SOLID COPPER GROUND BUS WITH BURNDY # KS25-DB SPLIT BOLT CONNECTOR.
8) CONNECT #2 SOLID SOFT DRAWN COPPER GROUND BUS TO GROUND ROD WITH BURNDY # GRC 34 CONNECTOR.

STANFORD UNIVERSITY FACILITY OPERATIONS

DRAWING: GROUND DETAIL FOR PADMOUNT H.V. TRANSFORMER

Scale: NTS Check: D.L. Rev. By: LSM Rev. Date: 12/16/03