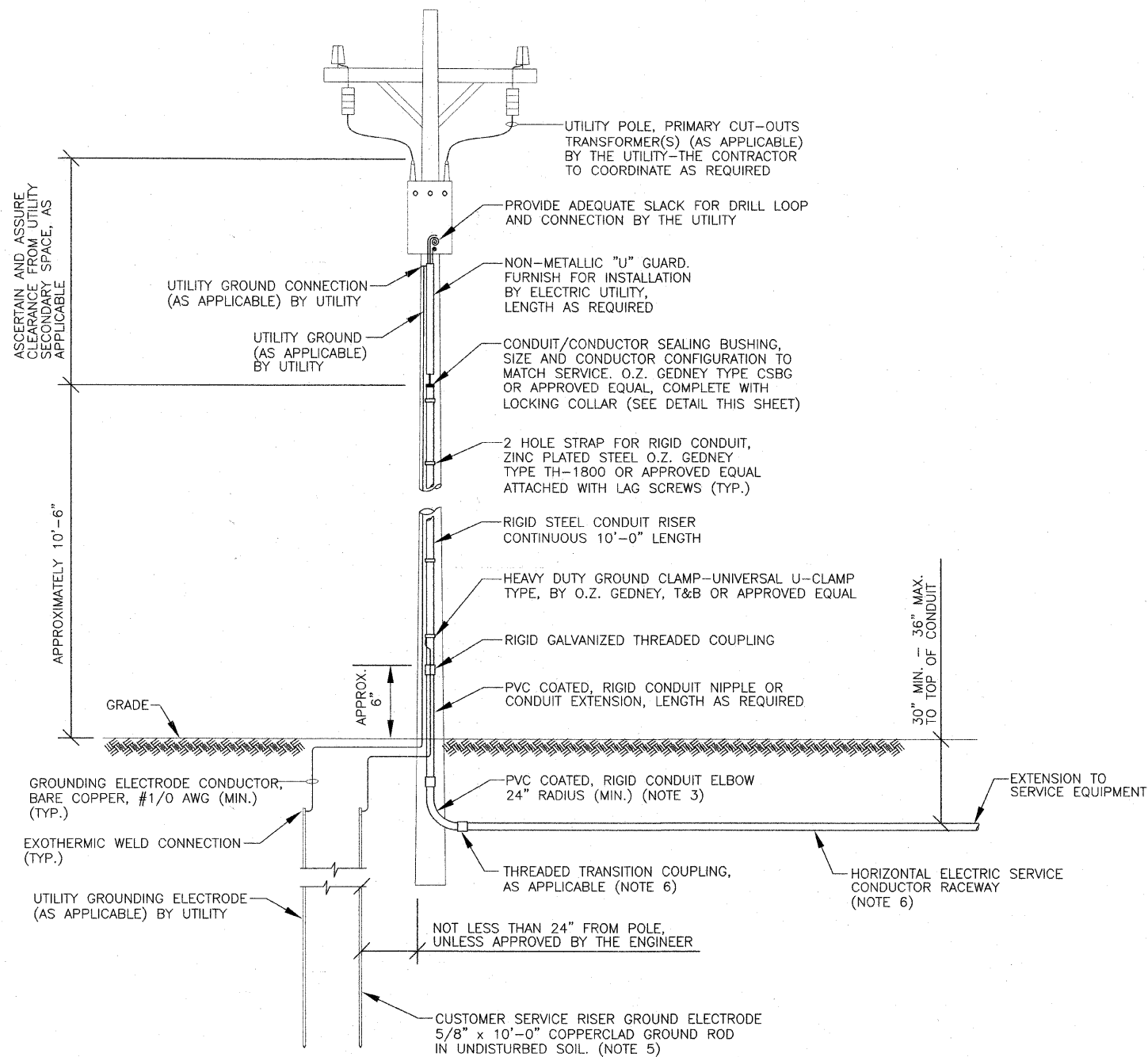


APPLICATION:

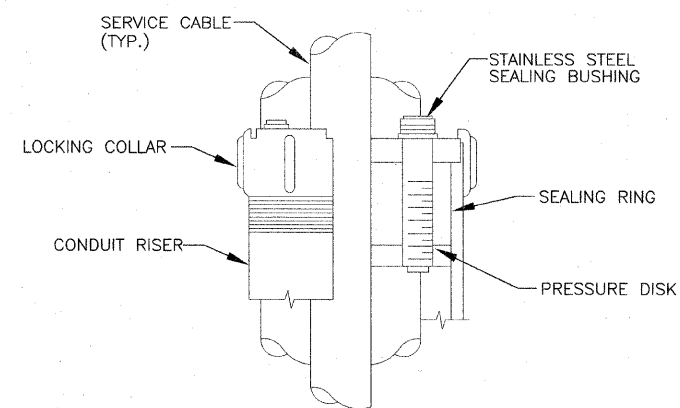
THIS DETAIL APPLIES FOR LOW VOLTAGE ELECTRIC SERVICE (660V OR LESS) FROM AN OVERHEAD UTILITY SUPPLY TO SEPARATELY MOUNTED SERVICE EQUIPMENT.

NOTES:

- SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE ON THE DRAWINGS.
- UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHALL BE INCLUDED AND PAID AS PART OF THE "ELECTRIC UTILITY SERVICE INSTALLATION" PAY ITEM.
- CONDUIT AND CONNECTOR DIAMETER SHALL MATCH THE DIAMETER OF THE SERVICE CONDUCTOR RACEWAY AS INDICATED ON THE PLANS.
- PVC COATED RACEWAYS AND ACCESSORIES SHALL BE CAREFULLY INSTALLED WITH MFR RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGE SHALL BE REPAIRED WITH COMPATIBLE PVC TOUCH-UP MATERIAL TO THE SATISFACTION OF THE ENGINEER OR THE DAMAGED MATERIAL SHALL BE REPLACED AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION BEFORE BACKFILL AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
- THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY SHALL BE AS INDICATED AND SHALL BE MEASURED SEPARATELY FOR PAYMENT. WHEN THE RACEWAY IS PVC-COATED RIGID GALVANIZED STEEL, THE COUPLING SHALL BE THE SAME. WHEN THE RACEWAY IS PVC CONDUIT (IN CONCRETE), THE COUPLING SHALL BE A METALLIC TO NON-METALLIC ADAPTER. WHEN THE RACEWAY IS ENCASED IN CONCRETE, THE CONCRETE SHALL EXTEND TO COVER THE COUPLING.
- PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT AND DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY, FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION AND SHALL BE INCLUDED IN THE "ELECTRIC UTILITY SERVICE INSTALLATION" PAY ITEM.



1 ELECTRIC SERVICE INSTALLATION DETAIL
NOT TO SCALE



2 SEALING BUSHING DETAIL
NOT TO SCALE

RL-12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
VILLAGE OF PALATINE
PALATINE ROAD & PLUM GROVE ROAD RECONSTRUCTION
SMITH STREET TO US 14 (NORTHWEST HIGHWAY)

**ELECTRICAL SERVICE
INSTALLATION DETAILS**

SCALE: VERT. _____
HORIZ. N.T.S.
DATE: OCTOBER 19, 2009
DRAWN BY: RRA
CHECKED BY: KMY

McDonough Associates Inc.
Engineers/Architects