

# UNDERGROUND SERVICE INSTALLATION FROM PAD MOUNTED TRANSFORMER

## NOTES:

1. MEMBER TO INSTALL METER BASE, MAIN DISCONNECT, GROUND ROD, CONDUIT AND WIRING TO WITHIN 4 FT. OF AN EXISTING PAD MOUNTED TRANSFORMER. SBEC WILL INSTALL WIRING INTO TRANSFORMER. MEMBER SHALL HAVE SUFFICIENT AMOUNT OF WIRE AND CONDUIT TO COMPLETE TERMINATION.
2. CONDUIT SHALL BE MINIMUM SCHEDULE 40 RIGID PVC NONMETALLIC CONDUIT BELOW GRADE AND GALVANIZE RIGID METAL OR SCHEDULE 80 RIGID PVC NONMETALLIC CONDUIT ABOVE GRADE.
3. ALL CONDUIT SHALL BE INSTALLED WITH MARKINGS POSITIONED SO THEY ARE VISABLE FOR INSPECTION.
4. ALL JOINTS MUST BE PROPERLY GLUED.
5. WEATHERPROOF FITTINGS ARE REQUIRED.
6. TRENCH SHALL REMAIN OPEN UNTIL INSPECTION IS MADE BY AN SBEC REPRESENTATIVE.
7. METER LOOP SHALL REMAIN UNENCLOSED ON THE EXTERIOR WALL.

8. GROUND WIRE MUST BE SIZED ACCORDING TO NEC TABLE 250.66 OR LATEST REVISION THERE OF AND RUN FROM NEUTRAL TO GROUND ROD.
9. MAXIMUM LINEAL DISTANCE OF THE TRENCH SHALL BE NO GREATER THAN 125 FT. FOR 200 AMP SERVICE OR LESS.
10. MAXIMUM LINEAL DISTANCE OF THE TRENCH FOR SERVICES LARGER THAN 200 AMP SHALL BE DETERMINED BY AN SBEC REPRESENTATIVE.

