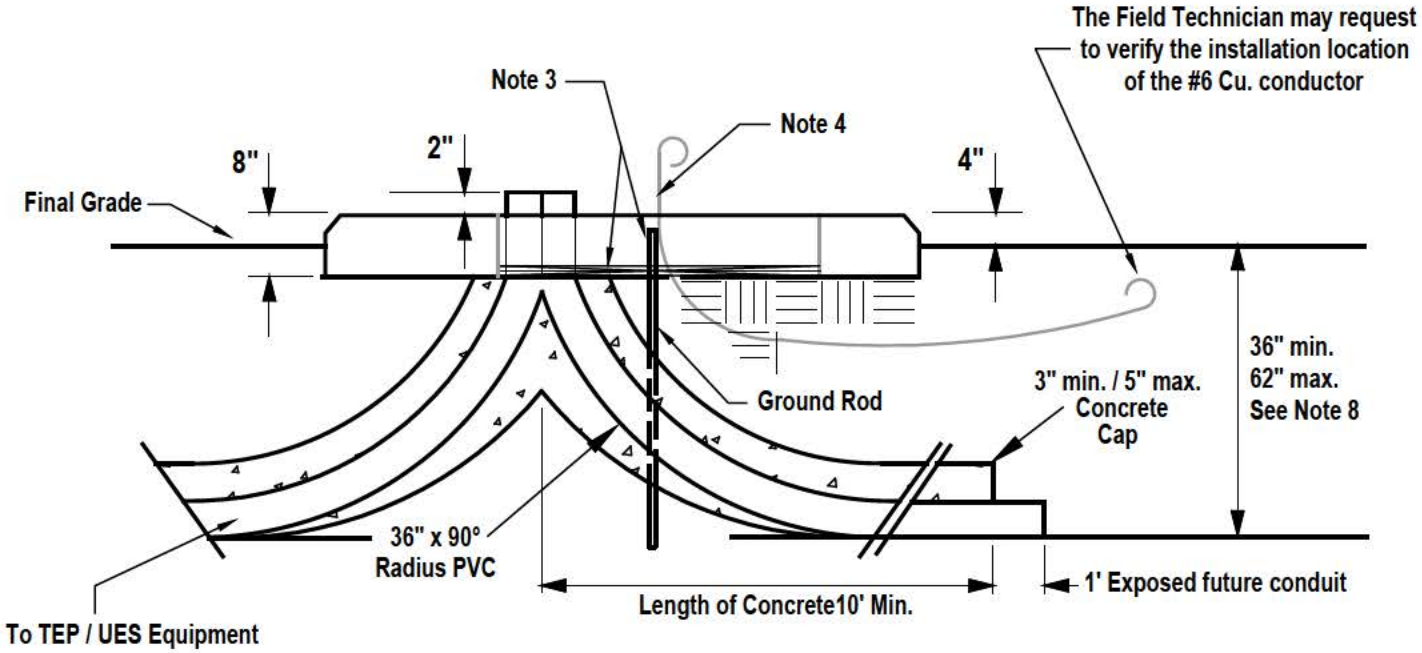
CAPACITOR INSTALLATION - PAD MOUNT
1200 kVAR



NOTES:

1. Customer to excavate per SR-215 for the installation of a 4" conduit system.

2. Customer to provide and install the 4" conduit system and conduit sweep with stub for future use as depicted on the TEP or UES construction drawing. Conduit stubs are to be extended one foot beyond their concrete encasement for future attachment. See SR-205 for the approved conduit and concrete installation. See SR-218 for the stub installation

3. Customer to provide and install a 5/8" x 8' copper coated ground rod 2" below the top of the pad with 1/2" mortar slurry in the pad opening. Driven ground rod to be within 6" of final grade (NESC 094B2) Note: Ground Rods are Not Permitted to be cut under any circumstance. If soil conditions prohibit driving the ground rod per the SR, contact TEP's Design department.

4. Customer to provide and install a #6 Cu. conductor for Telco bonding from the center front primary duct opening to a point 12" in front of pad and in line with right edge, 12" below final grade. Leave at least 2' of #6 conductor above top of pad.

5. Customer to backfill per SR-207

6. Customer to provide and install a Figure 1 pad per SR-233.

7. Customer to provide and install equipment protective barriers per SR-230 (If required) .

8. When the capacitor is installed within the approximate location of a PME / PMH, the trench depth will be 62". See SR-240.

9. Do Not trench under TEP / UES underground equipment without the presence of an Access Crew. For conduit installation and placement into existing underground equipment, contact Access at 918-8300 (761-7952 UES) .

TEP or UES to install the primary cable and pad mounted capacitor .

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