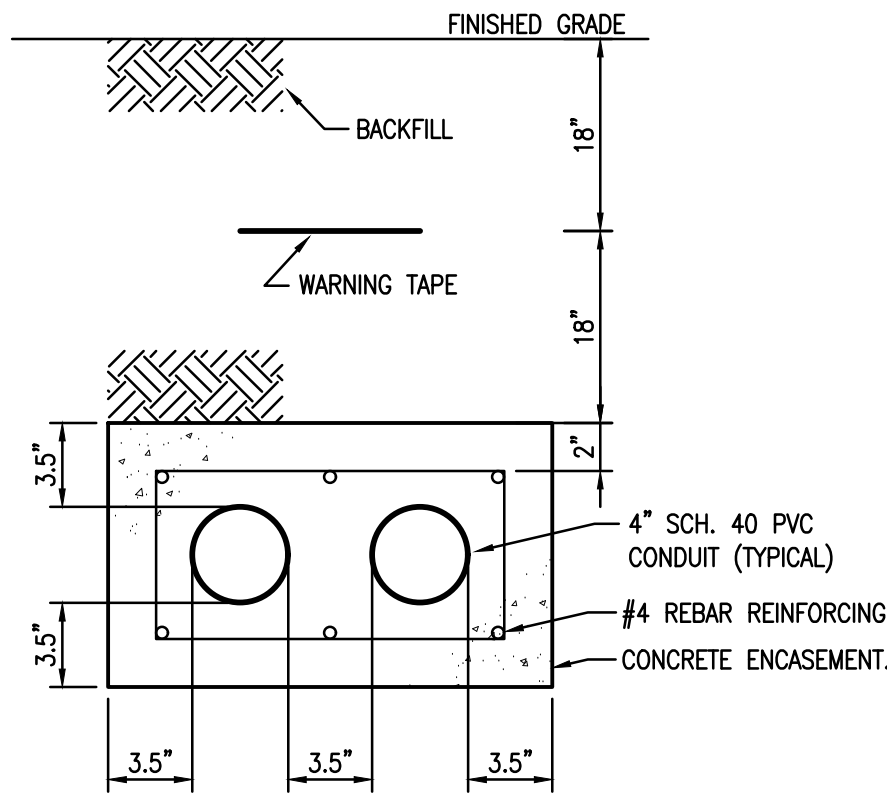


- NOTES:
1. PROVIDE THE ABOVE DETAIL FOR ALL DIRECT BURIED CONDUITS UNLESS NOTED OTHERWISE.
 2. BACKFILL SHALL BE COMPACTED EARTH UNLESS NOTED OTHERWISE ON DRAWING OR IN SPECIFICATIONS.

TYP. DIRECT BURIAL CONDUIT DETAIL

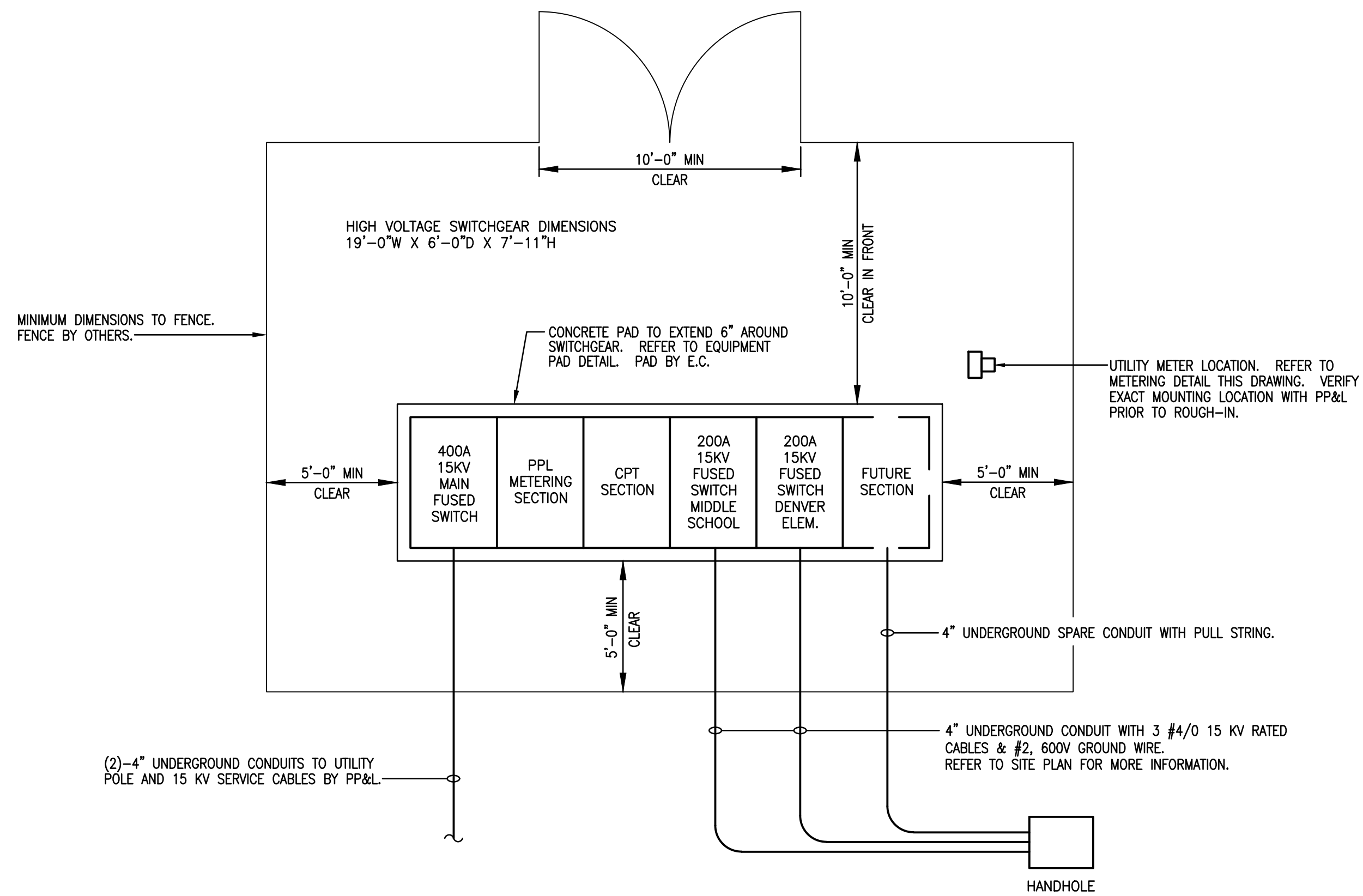
NO SCALE



- NOTES:
1. PROVIDE REINFORCING LONGITUDINAL AS INDICATED AND Laterally EVERY 24".
 2. BACKFILL SHALL BE 2A MODIFIED STONE.

DUCT BANK DETAIL SECTION "A-A"

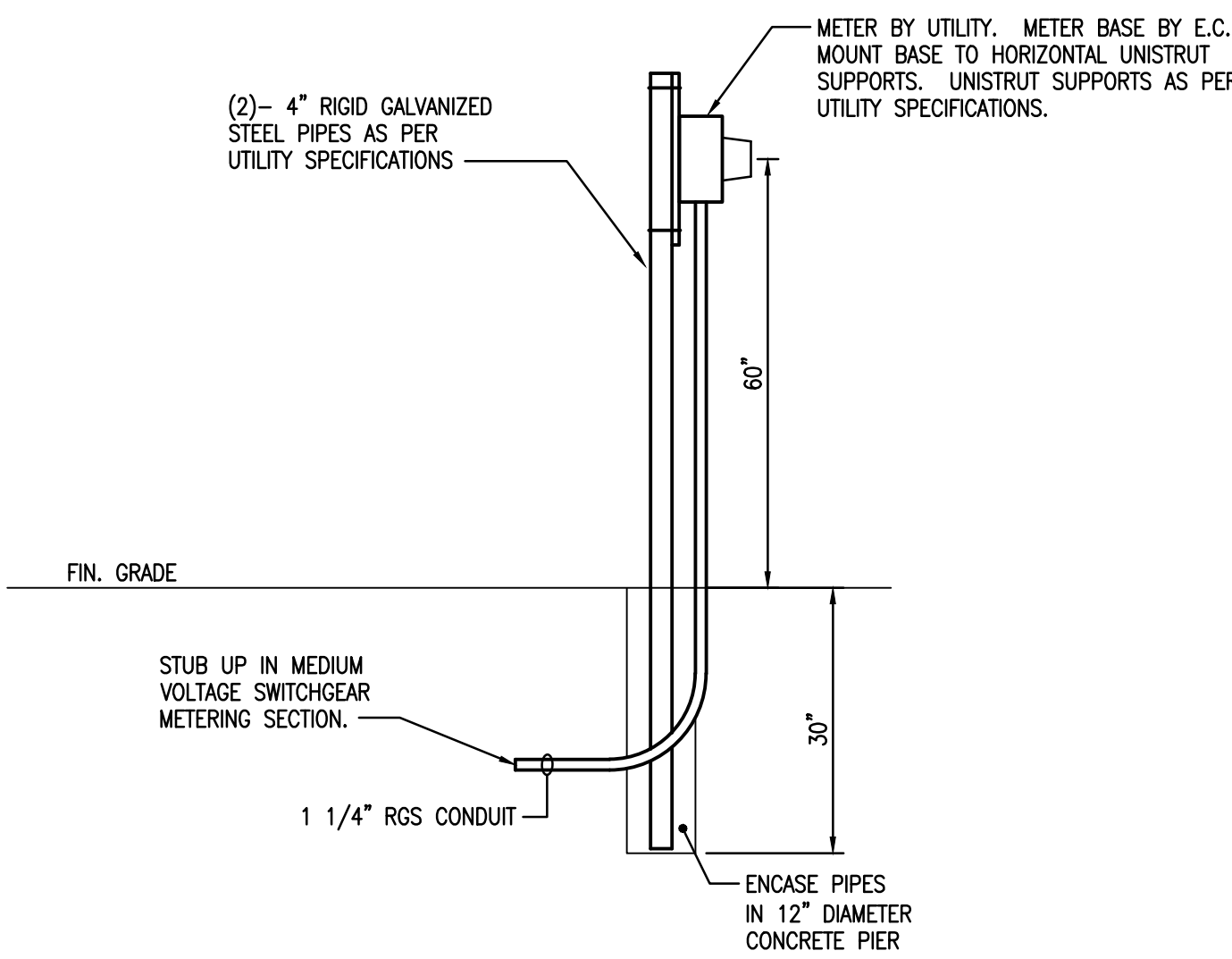
NO SCALE



MEDIUM VOLTAGE SWITCHGEAR DETAIL

NO SCALE

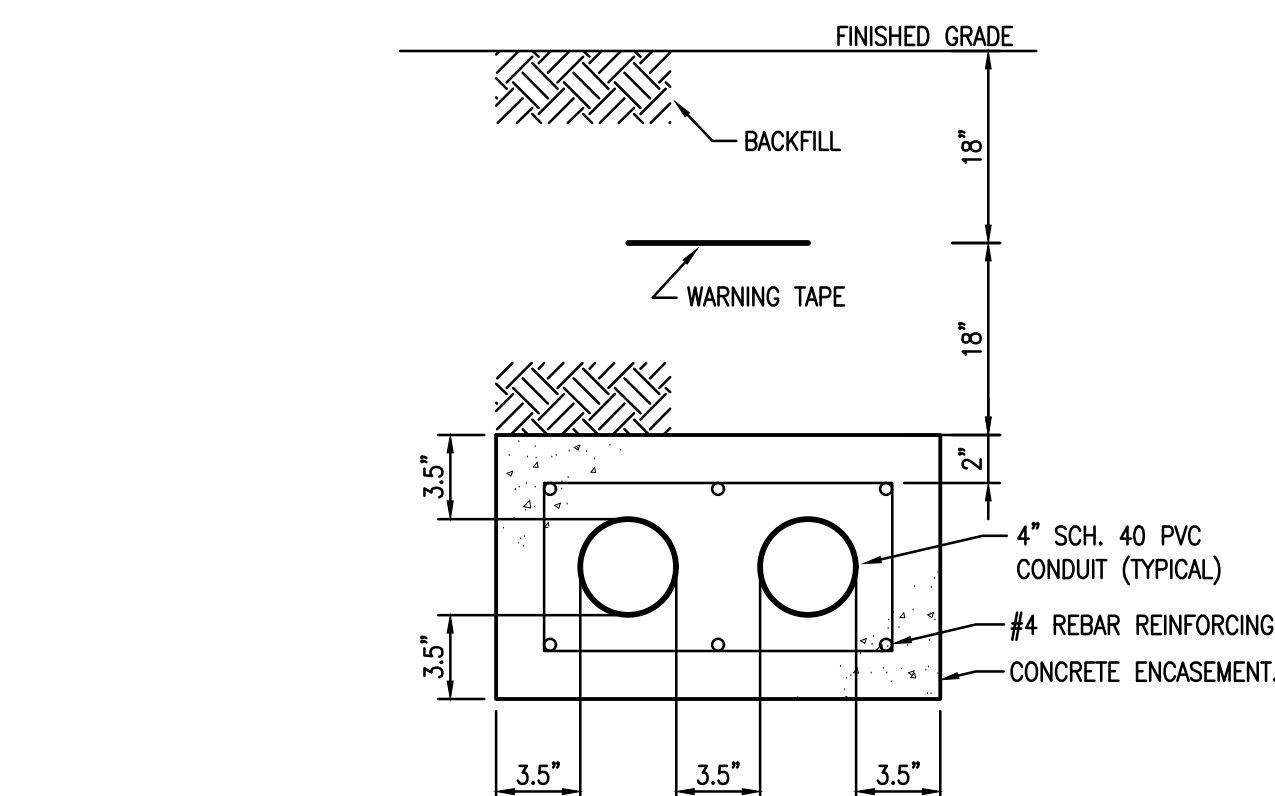
- NOTES:
1. ALL DIMENSIONS SHOWN ARE MINIMUM.
 2. PROVIDE #4/0 BARE COPPER STRANDED GROUND RING 24" BFC APPROX. 4" FROM EQUIPMENT PAD. PROVIDE 10" GROUND RODS ON ALL (4) CORNERS. CAD WELD GROUND RODS TO GROUND RING AND BOND GROUND RING TO SUBSTATION EQUIPMENT GROUND BUS.
 3. E.C. SHALL PROVIDE FUSE ADAPTERS WHERE NECESSARY.
 4. E.C. SHALL VERIFY FUSE SIZES WITH SHORT CIRCUIT ANALYSIS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
 5. E.C. SHALL COORDINATE INCOMING FUSE WITH PP&L. PROVIDE FUSE ADAPTERS IF NECESSARY.
 6. COORDINATION STUDY SHALL DETERMINE/VERIFY FUSE SIZES REQUIRED IN SWITCH SECTIONS.



- NOTES:
1. REFER TO PP&L ELECTRIC RULES SKETCH 8D FOR ALL MOUNTING REQUIREMENTS.

SWITCHGEAR METERING DETAIL

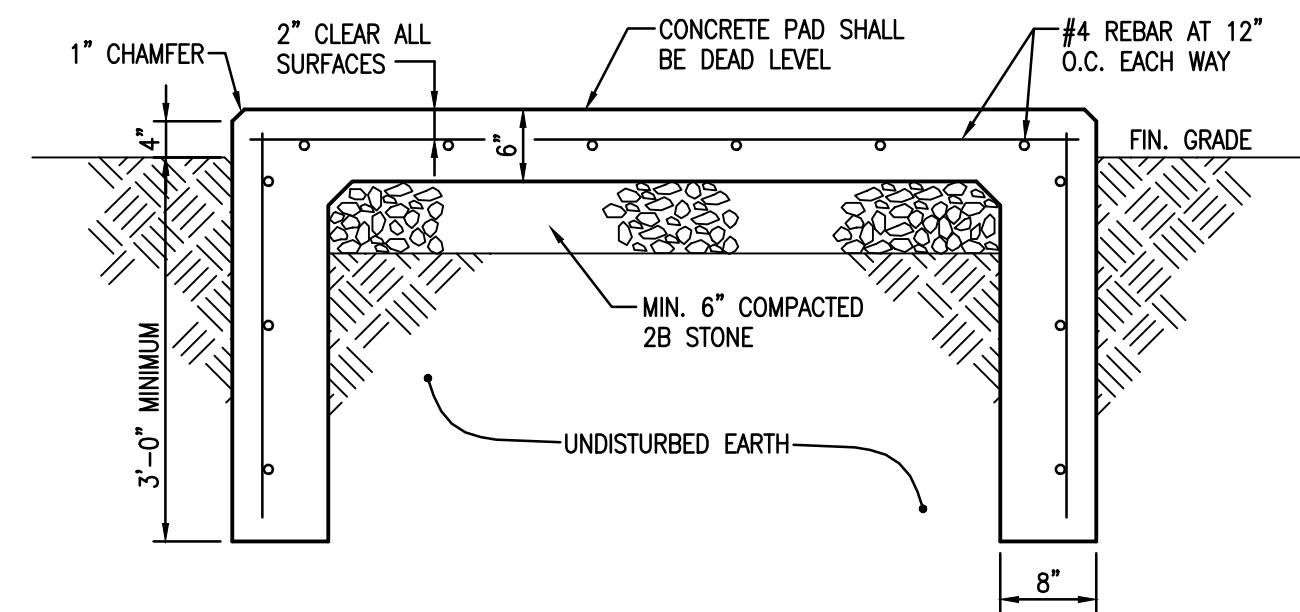
NO SCALE



- NOTES:
1. PROVIDE REINFORCING LONGITUDINAL AS INDICATED AND Laterally EVERY 24".
 2. BACKFILL SHALL BE 2A MODIFIED STONE.

DUCT BANK DETAIL SECTION "B-B"

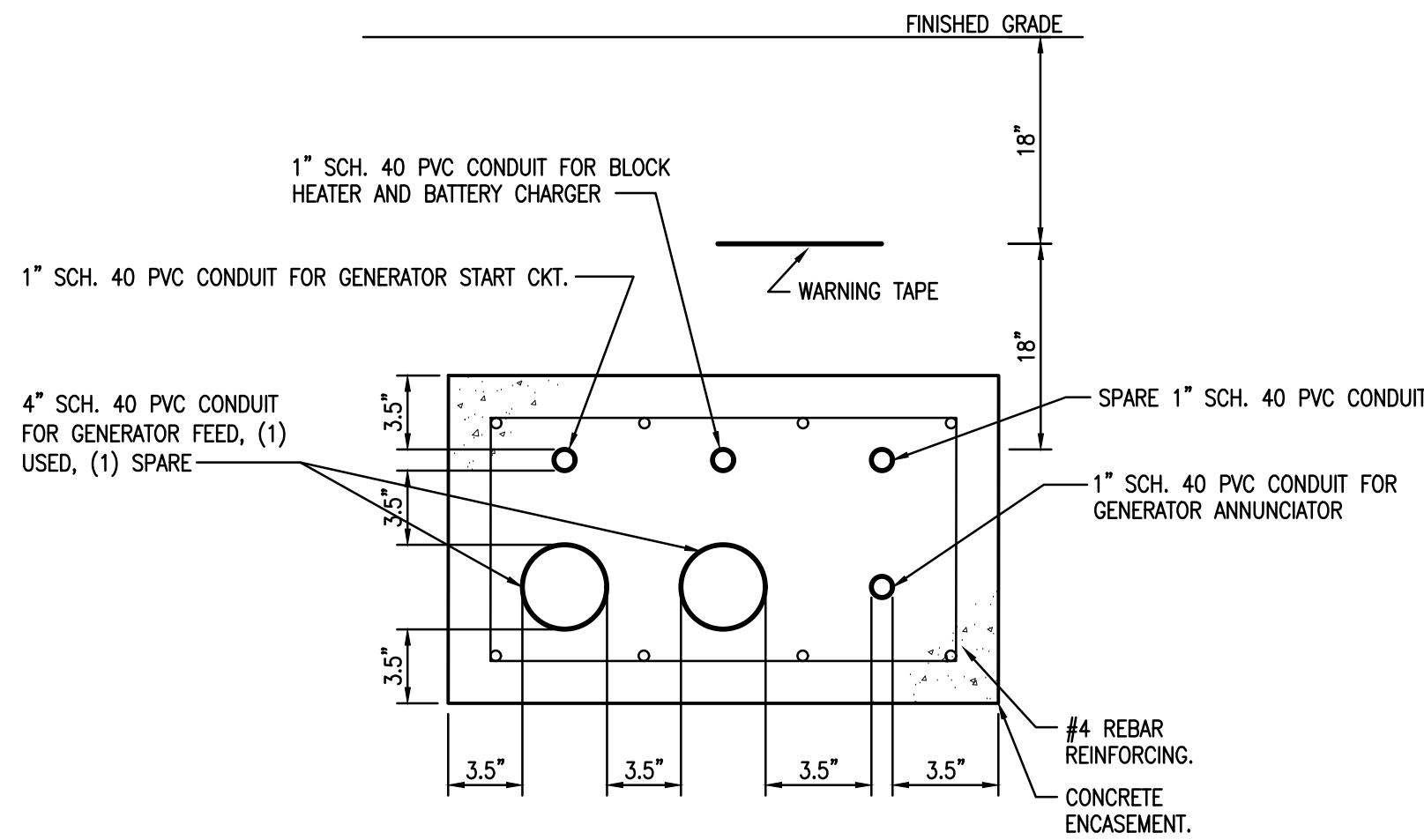
NO SCALE



- NOTES:
1. EQUIPMENT PAD SHALL EXTEND MINIMUM 6" FROM EDGE OF EQUIPMENT ON ALL SIDES.

EQUIPMENT PAD DETAIL

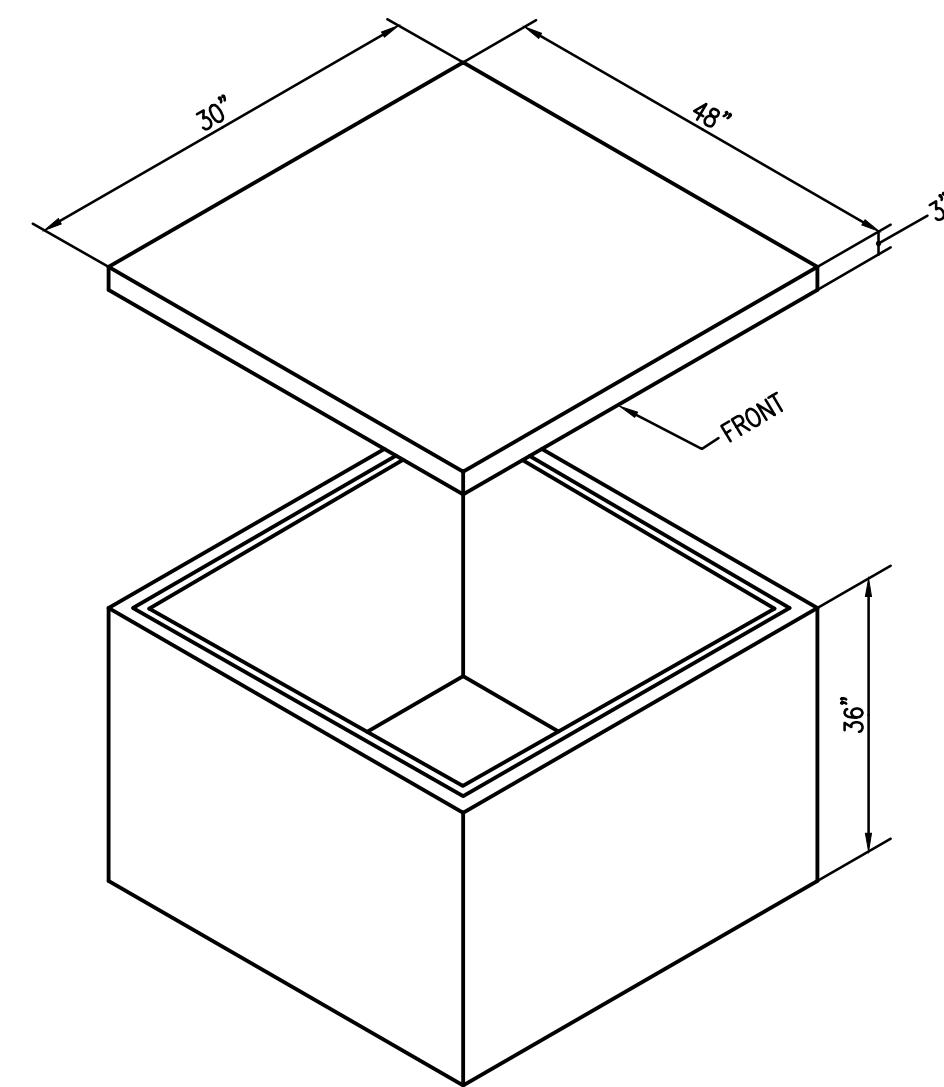
NO SCALE



- NOTES:
1. PROVIDE REINFORCING LONGITUDINAL AS INDICATED AND Laterally EVERY 36".
 2. BACKFILL SHALL BE 2A MODIFIED STONE.

DUCT BANK DETAIL SECTION "C-C"

NO SCALE



- NOTES:
1. PROVIDE FIBERGLASS UNDERGROUND BOX WITH REINFORCED LIGHT VEHICULAR TRAFFIC RATED COVER.
 2. FURNISH BOX WITH PROPER CONDUIT OPENINGS FROM MANUFACTURER.
 3. TOP OF FOUNDATION TO BE SET FLUSH WITH FINISHED GRADE.
 4. FOUNDATION TO BE SET ON 6" OF COMPACT #2B CRUSHED STONE.
 5. LABEL LID.
 6. BOX SHALL BE MANUFACTURED BY QUATIZE, HIGHLINE OR ANOTHER APPROVED MANUFACTURER.

HANDHOLE DETAIL

NO SCALE