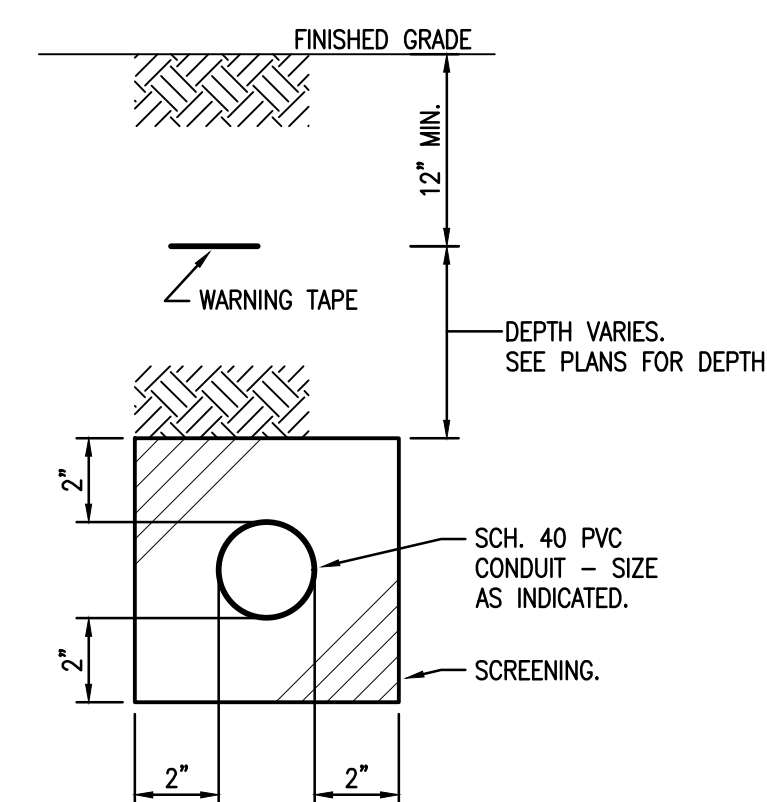
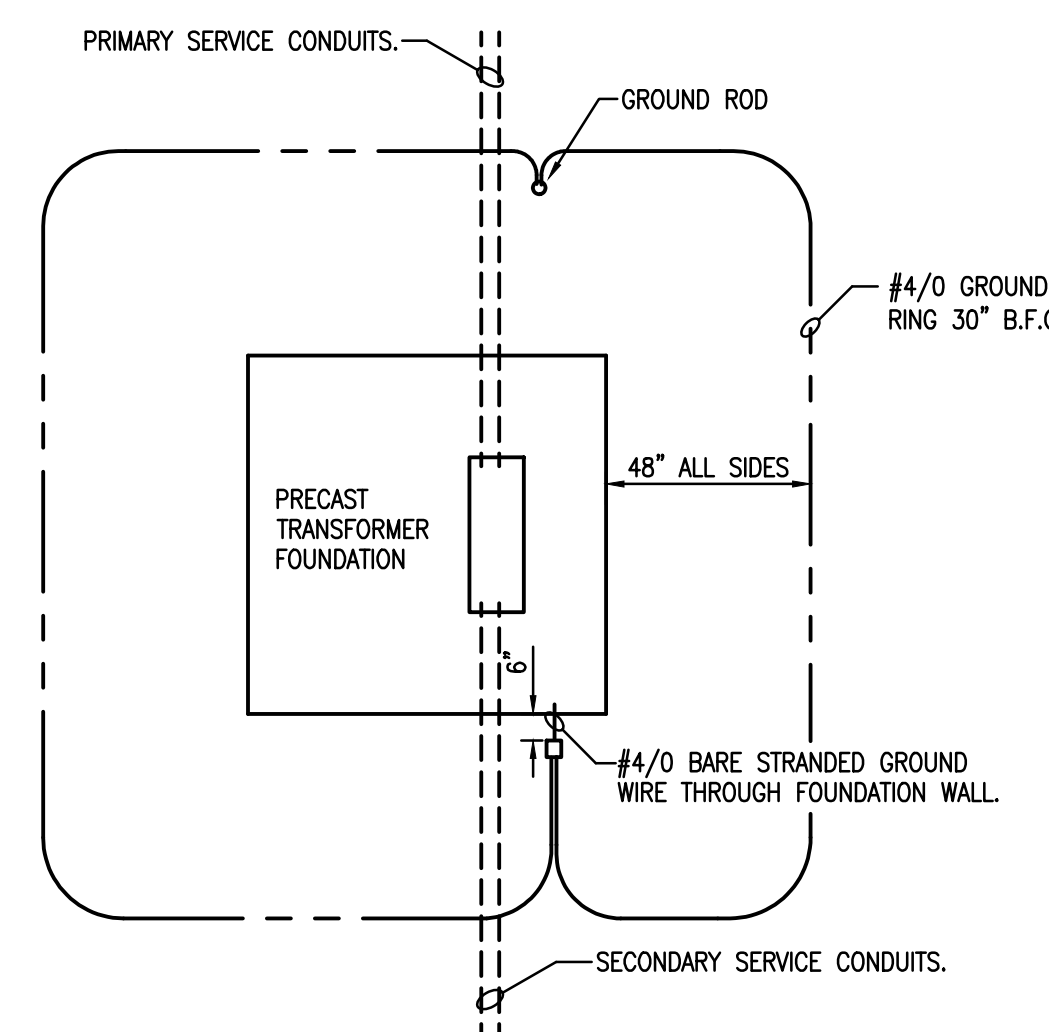


SITE PLAN - ELECTRICAL
SCALE: 1" = 30'-0"



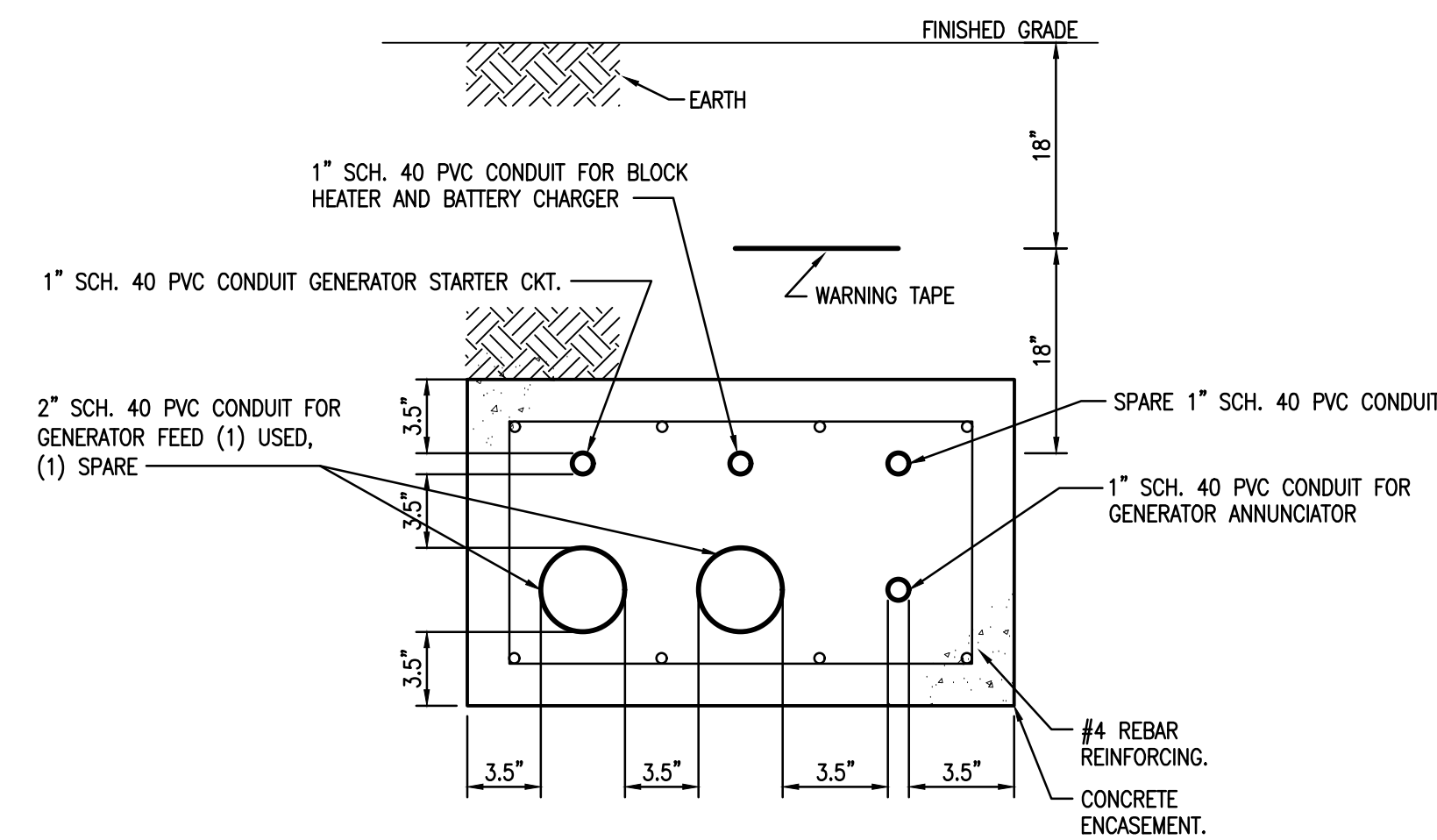
- NOTES:
1. PROVIDE THE ABOVE DETAIL FOR ALL DIRECT BURIED CONDUITS, UNLESS OTHERWISE NOTED.

TYP. DIRECT BURIAL CONDUIT DETAIL
NO SCALE



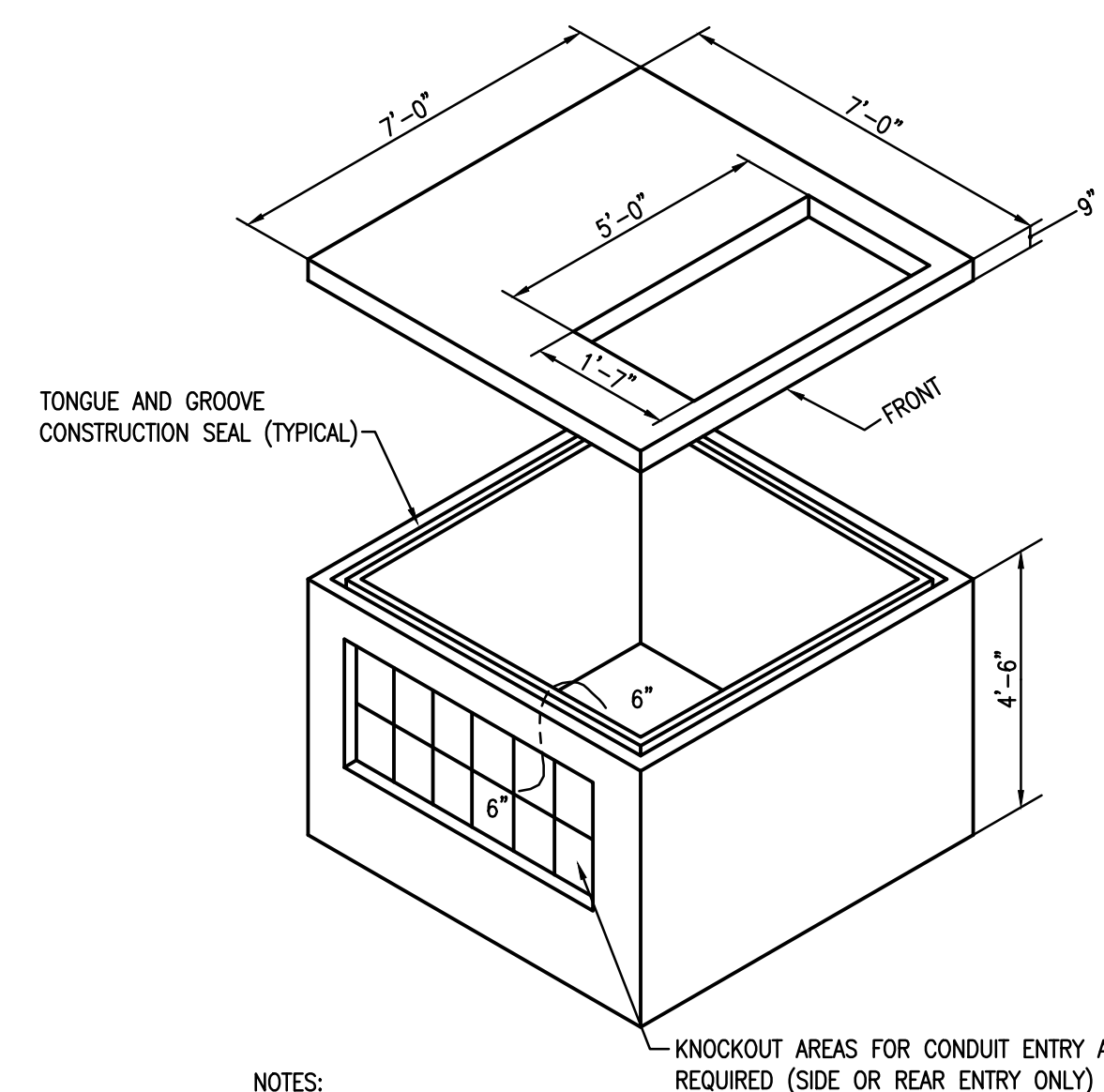
- NOTES:
1. REFER TO UTILITY TRANSFORMER GROUND REQUIREMENTS FOR ADDITIONAL REQUIREMENTS.

TRANSFORMER FOUNDATION GROUNDING 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 "A-A"
NO SCALE



- NOTES:
1. TOP OF FOUNDATION TO BE SET 3" ABOVE FINISHED GRADE.
 2. FOUNDATION TO BE SET ON 6" OF COMPACT #2B CRUSHED STONE.
 3. INSTALLATION TO MEET UTILITY REQUIREMENTS.
 4. PROVIDE ALL GROUNDING AT TRANSFORMER FOUNDATION AS REQUIRED BY UTILITY.

PRECAST TRANSFORMER FOUNDATION DETAIL
NO SCALE

DRAWING NOTES:

1. (2)-4" SCH. 40 PVC CONDUITS, WITH RIGID GALV. STEEL LARGE SWEEP ELBOWS AND HEAVY DUTY PULL STRINGS, DIRECT BURIED MIN. 36" BFG FOR FUTURE FIBER SERVICE TO BUILDING. STUB CONDUITS UP 6" AFG AT UTILITY POLE AND CAP. CONDUITS SHALL PENETRATE BUILDING FOUNDATION WALL BELOW GRADE AND STUB UP 6" AFF IN STORAGE 201, LABEL AND CAP. CORE DRILL FOUNDATION WALL AND CAULK TO ENSURE WATER-TIGHT SEAL.
2. PP&L TO REMOVE EXISTING PRIMARY SERVICE CABLES TO BUILDING AND REPLACE WITH NEW VIA EXISTING UNDERGROUND CONDUITS. E.C. TO MODIFY EXISTING UNDERGROUND CONDUITS AT TRANSFORMER END PER UTILITY REQUIREMENTS TO ACCOMMODATE NEW TRANSFORMER VAULT. COORDINATE REMOVAL OF CABLES AND CONDUIT MODIFICATIONS WITH PP&L. REFER TO PROJECT SCHEDULE IN SPECIFICATIONS FOR TIMING OF WORK IN SUMMER 2024.
3. NEW SECONDARY ELECTRIC SERVICE CABLES BY PP&L TO BUILDING VIA EXISTING UNDERGROUND CONDUIT DUCT BANK. PP&L TO REMOVE EXISTING SERVICE CONDUCTORS AND E.C. SHALL MODIFY/RELOCATE EXISTING UNDERGROUND CONDUITS AS REQUIRED SO CONDUITS STUB UP IN NEW SWITCHBOARD INCOMING SECTION. E.C. TO MODIFY EXISTING UNDERGROUND CONDUITS AT TRANSFORMER END TO ACCOMMODATE NEW TRANSFORMER VAULT. CUT CONCRETE ENCASUREMENT AWAY TO ACCESS CONDUITS. COORDINATE WORK WITH PP&L. SAW CUT EXISTING CONCRETE FLOOR INSIDE BUILDING AS REQUIRED TO INSTALL NEW CONDUIT SECTIONS TO SWITCHBOARD AND PATCH FLOOR TO MATCH ADJACENT SURFACES. REFER TO PROJECT SCHEDULE IN SPECIFICATIONS FOR TIMING OF WORK IN SUMMER 2024.
4. EXISTING UNDERGROUND COAXIAL, FIBER AND TELEPHONE SERVICE ENTRANCE CABLES TO BUILDING TO REMAIN. THE EXISTING HARD-LINE COAX SERVICE CABLE TO BE ABANDONED IN PLACE WITHIN CRAWL SPACE AREA.
5. REFER TO DRAWING E-11 FOR UNDERGROUND SERVICE REQUIREMENTS TO THE BUILDING. SEE DUCT BANK DETAIL SECTION "A-A" THIS DRAWING. COORDINATE TRENCH DEPTH WITH OTHER UTILITIES.
6. RUN 1" CONDUIT UNDERGROUND DIRECT BURIED MIN. 24" BFG FROM METER PIT BACK INTO SCHOOL BUILDING FOR TAMPER SWITCH WIRING CONNECTION TO BUILDING FIRE ALARM SYSTEM. STUB UP CONDUIT 6" AFF IN STORAGE 201 AND ROUTE UNDERGROUND CONDUIT TO METER PIT ADJACENT TO WATER PIPING. COORDINATE WORK WITH P.C.