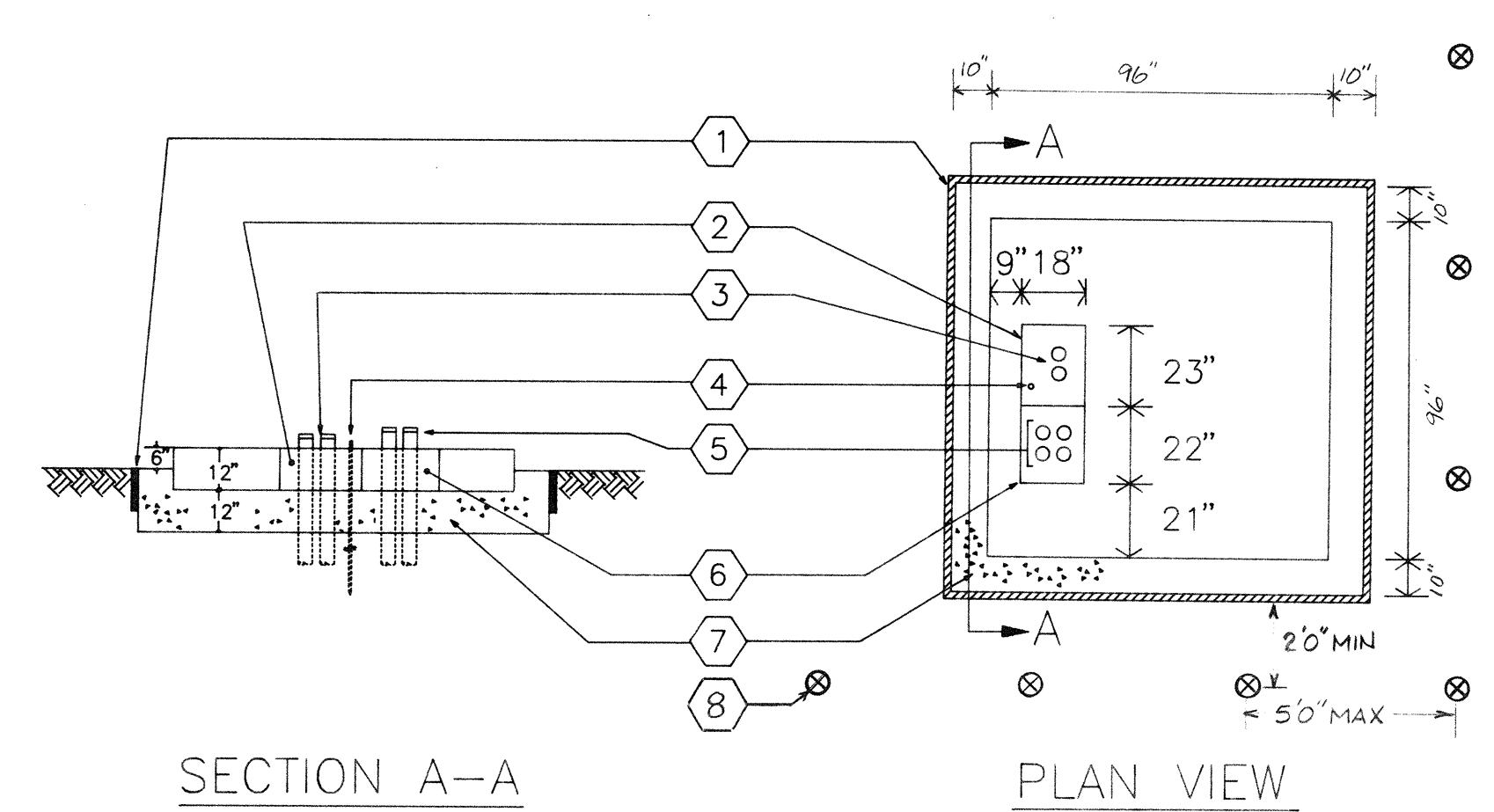
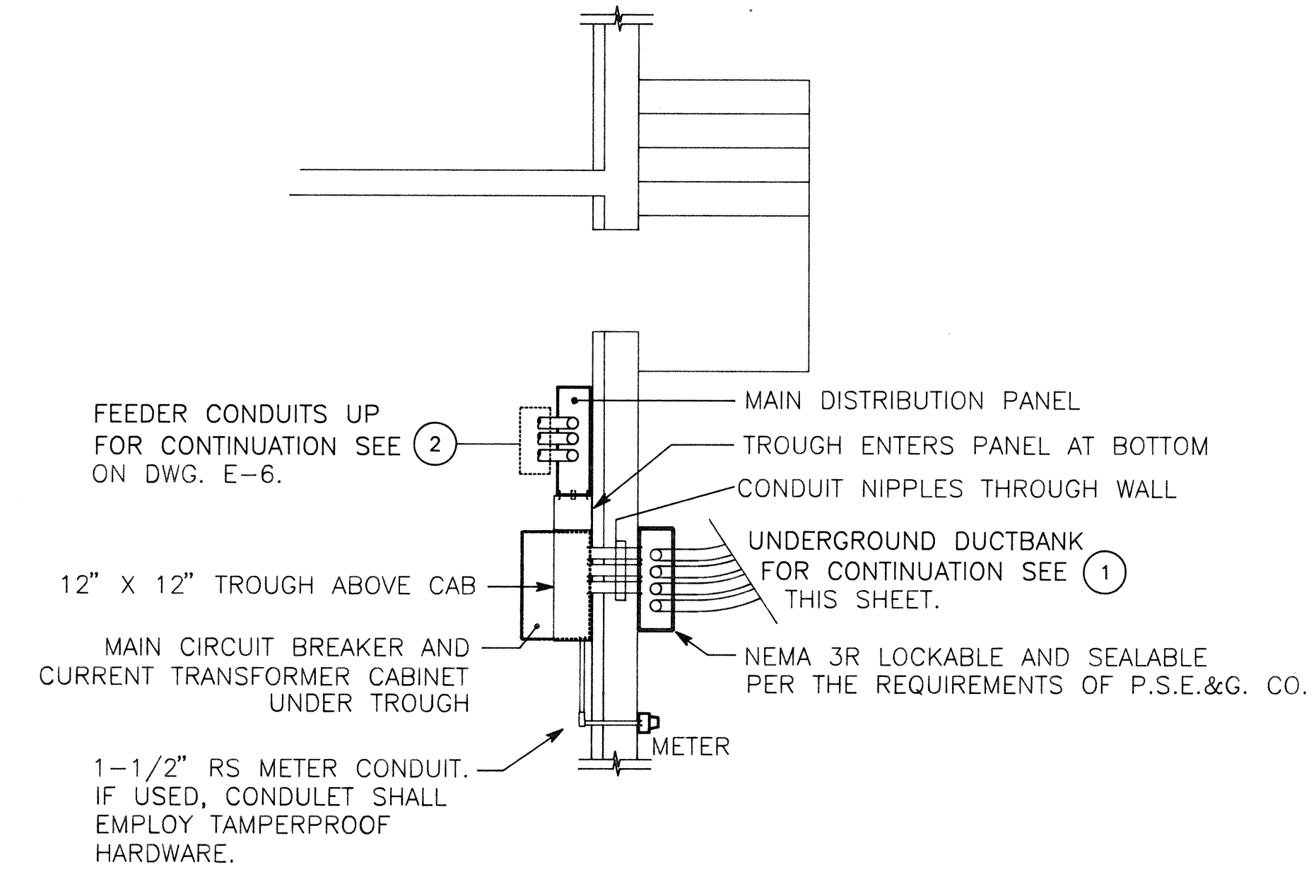


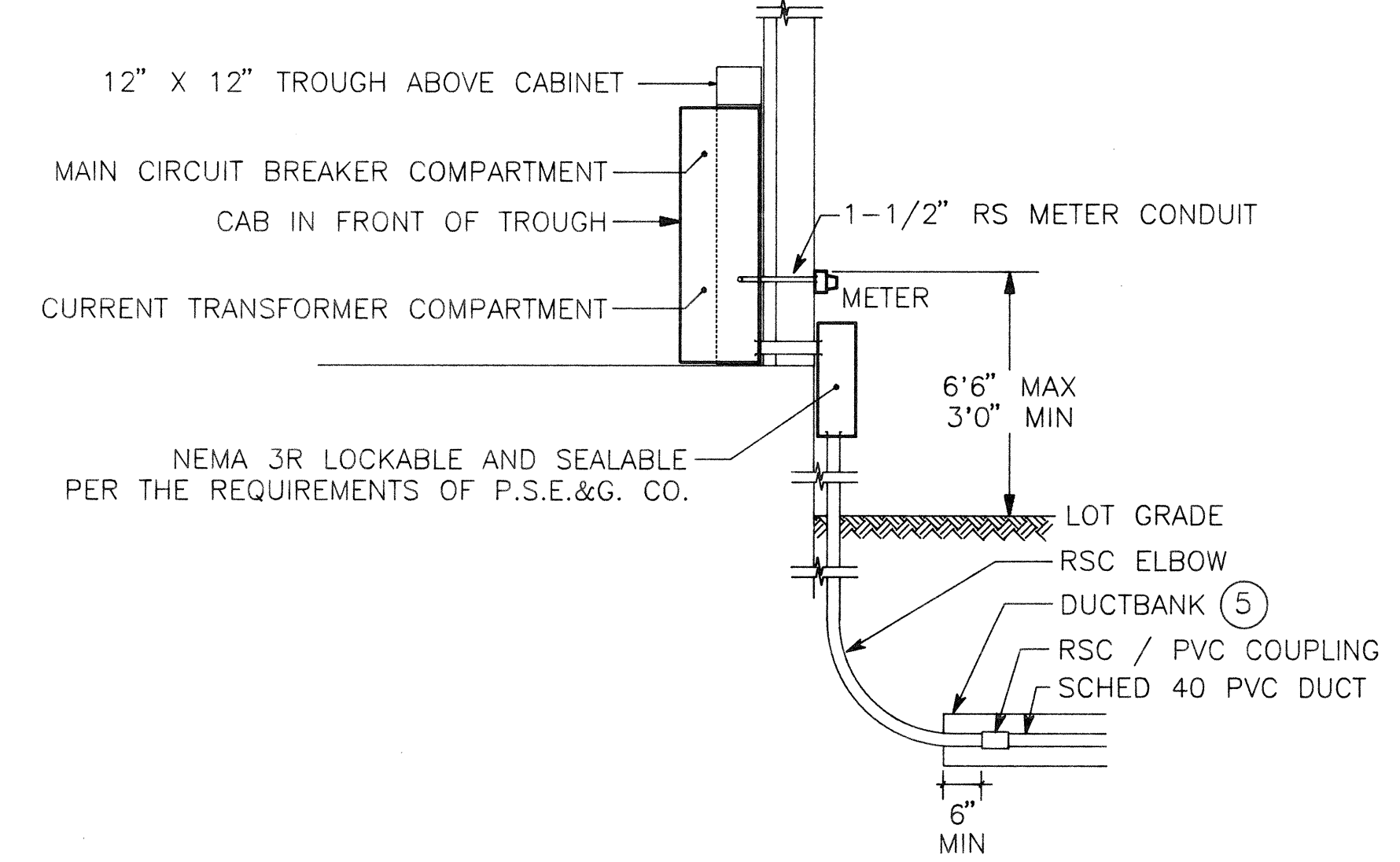
**1** PART UTILITY SITE PLAN  
1" = 10'



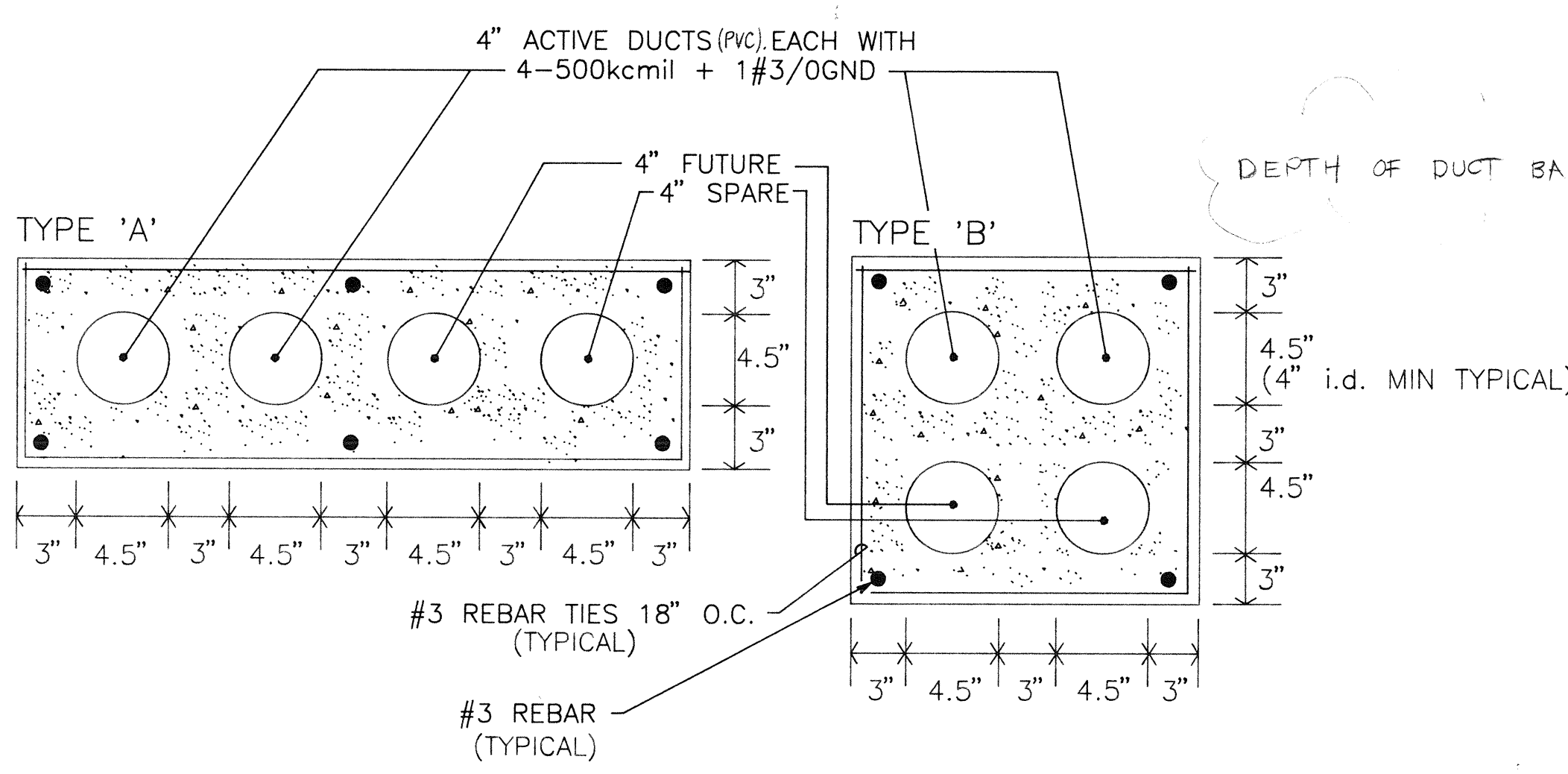
**4** DETAIL - PAD LAYOUT (TYPE IIIA PER R.S.E. & G.)  
1/4" = 1'-0" SEE NOTE 1



**2** PART PLAN - EQUIPT. LAYOUT  
1/4" = 1'-0" SEE NOTE 1



**3** ELEVATION - EQUIPT. LAYOUT  
1/4" = 1'-0" SEE NOTE 2



**5** DETAIL - DUCTBANK LAYOUT  
NOT TO SCALE. SEE NOTE 3

**NOTES:**

- THE FOLLOWING WILL BE PROVIDED AND INSTALLED BY P.S.E.&G.: TRANSFORMER, PAD, PRIMARY CONDUCTORS AND CONNECTIONS, AND CONNECTION TO GROUND ROD. CONTRACTOR SHALL PREPARE LOCATION TO ALLOW P.S.E.&G. TO COMPLETE THEIR WORK. CONTRACTOR SHALL PROVIDE BUSHINGS FOR ALL STUB-UPS.
- P.S.E.&G. WILL PROVIDE METER, METER ENCLOSURE, AND WINDOW TYPE CURRENT TRANSFORMERS FOR INSTALLATION BY CONTRACTOR. CONTRACTOR WILL PROVIDE ALL OTHER SYSTEM COMPONENTS.
- CONTRACTOR MAY USE TYPE 'A' OR 'B' ARRANGEMENT AS REQUIRED BY SITE CONDITIONS. DUCTBANK SHALL BE INSTALLED AT 30" DEPTH MINIMUM TO TOP OF DUCTBANK.

**NEW ELECTRIC SERVICE GENERAL NOTES:**

- CONTRACTOR SHALL FIELD COORDINATE DEPTH AND LOCATION OF NEW DUCTBANK WITH EXISTING UNDERGROUND UTILITIES BEFORE EXCAVATION.
- SERVICE EQUIPMENT GROUNDING CONDUCTOR AND GROUNDING ELECTRODE CONDUCTORS ARE SIZED FOR FUTURE EXPANSION TO A 1200A SERVICE. INITIAL SERVICE RATING SHALL BE 480/277V, WYE, 3-PHASE, 800A.
- CONTRACTOR SHALL COAT ALL UNDERGROUND RIGID STEEL CONDUIT (RSC) THAT IS IN CONTACT WITH EARTH WITH TWO APPLICATIONS ON AN ASPHALTIC PAINT ACCEPTABLE TO DBC/DOT. COVERAGE SHALL EXTEND 6" INTO CONCRETE ENCASUREMENT AND 6" ABOVE WHERE CONDUIT EMANATES FROM BURIAL.
- CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ENSURING ACCEPTABILITY OF ALL SYSTEM COMPONENTS AND INSTALLATION METHODS TO P.S.E.&G. AND SHALL ARRANGE FOR INSPECTION OF ALL WORK BY P.S.E.&G.'S REPRESENTATIVE BEFORE ACCEPTANCE BY DBC/DOT.

C:\ACAD\ELEC\EDOT-E-5.DWG  
REV: 10/24/90  
BY: G.T.O.

9/28/92  
**AS-BUILT DRAWING**  
The "As-Built" information added to this drawing has been supplied by the contractor. It is the responsibility of the contractor to provide accurate information. The architect cannot be held responsible for the accuracy or completeness of any information supplied by the contractor.

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**DBC #T 198**  
**NEW JERSEY**  
**DEPARTMENT OF TRANSPORTATION**  
**PRINT SHOP**

**NEW ELECTRIC SERVICE**  
**PLANS & DETAILS**

Scale: AS NOTED  
Drawn by: GTO  
Checked by: TAE  
Commission No: 8649100  
Date: 10-29-90

REVISIONS	
No.	Date
1	10/24/90
2	10/24/90
3	10/24/90

Drawing No.

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**E-5**