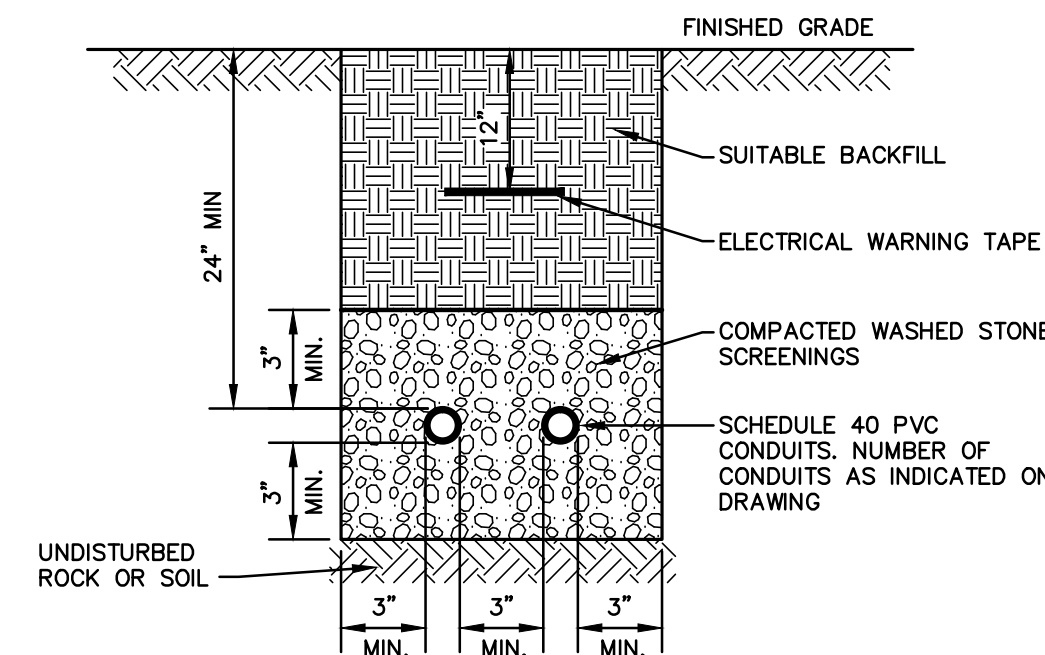


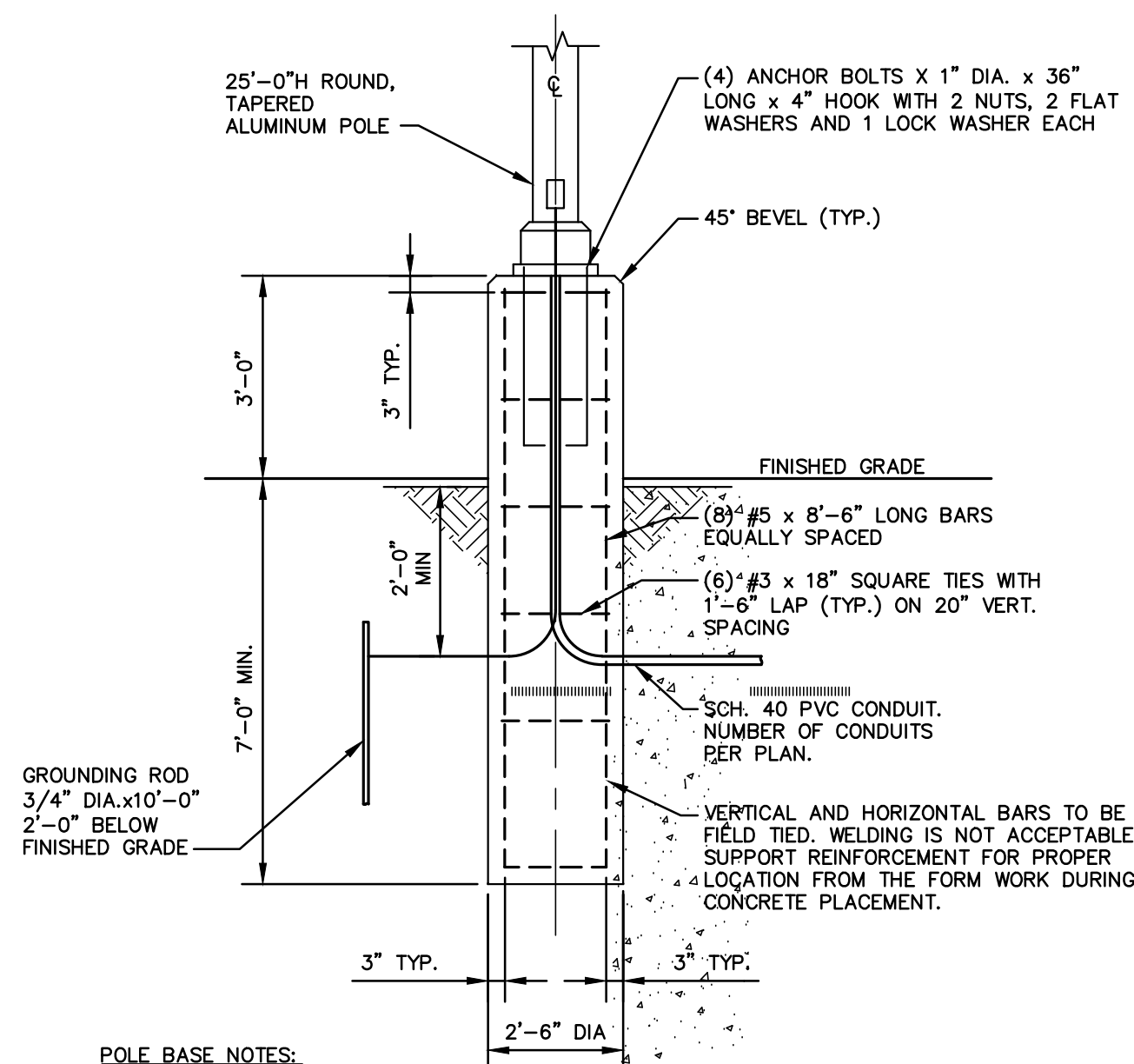
NOTES TO SPECIFIER:
 1. THIS DETAIL APPLIES TO ALL UNDERGROUND CONDUITS WHERE PVC IS UTILIZED. PVC SHALL NOT BE EXTENDED ABOVE GRADE UNLESS SPECIFICALLY APPROVED. PVC MAY BE EXTENDED THROUGH SLAB INTO BOTTOM OF SWITCHBOARD.

TYPICAL CONDUIT STUB-UP
NOT TO SCALE



NOTES:
 1. CONTRACTOR TO RESTORE SITE TO EXISTING CONDITION.

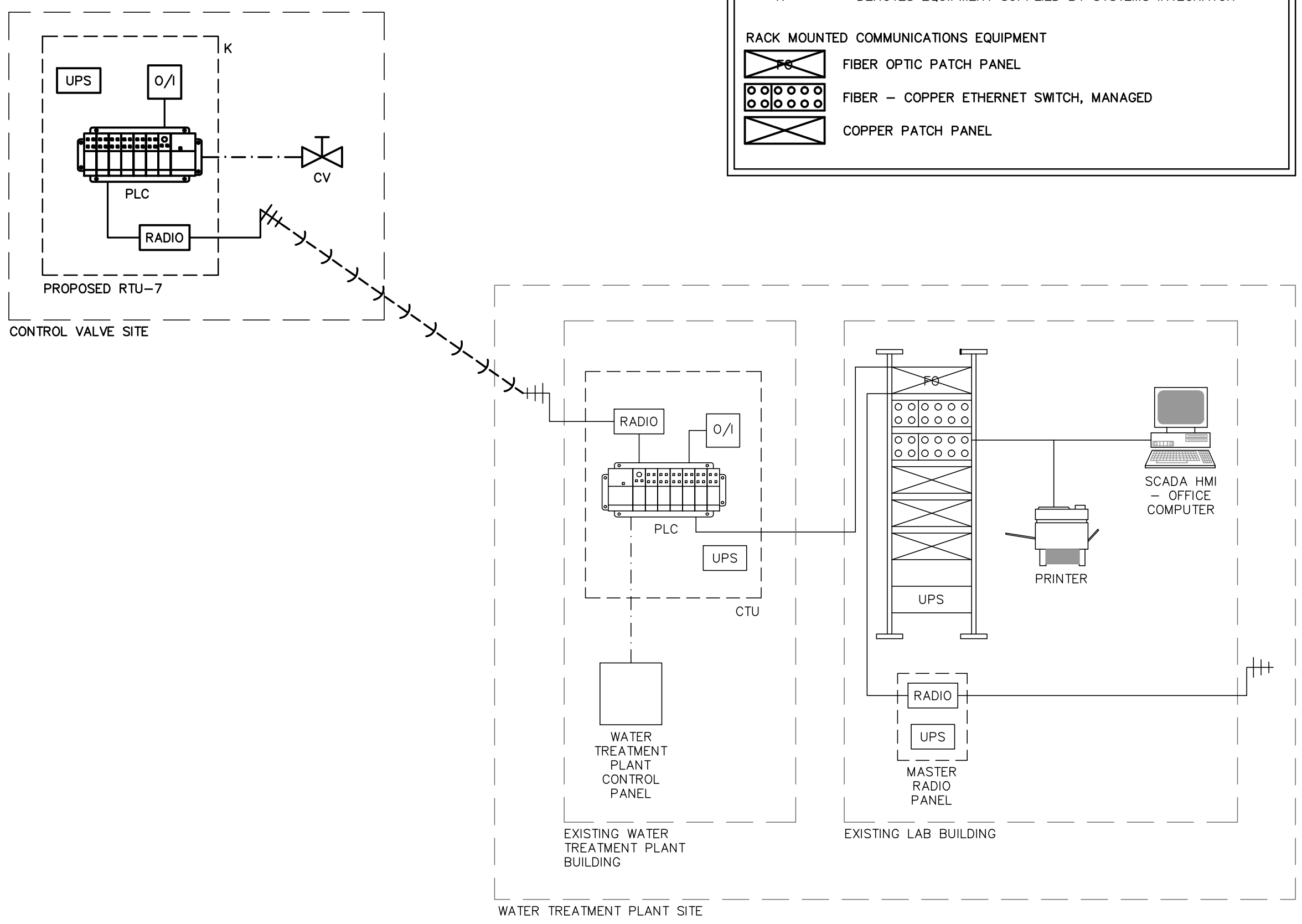
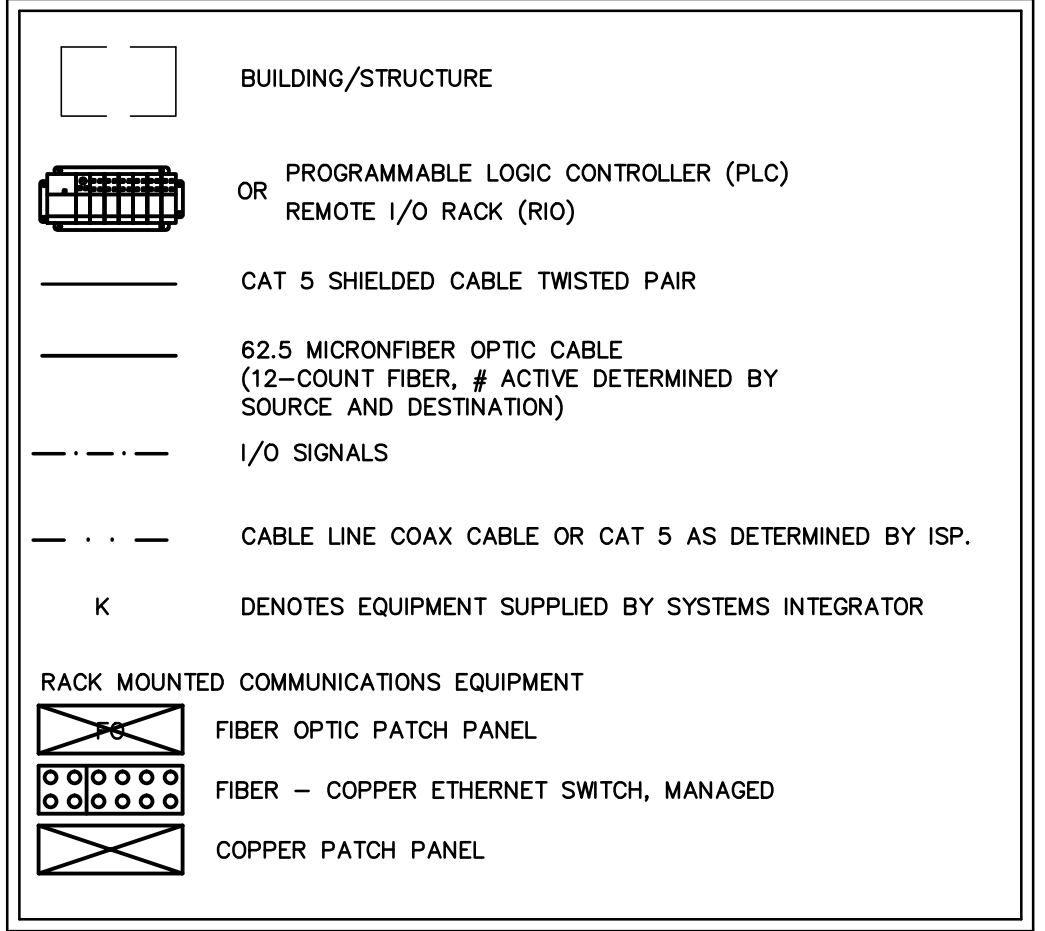
TYPICAL SITE ELECTRICAL TRENCH DETAIL
NOT TO SCALE



POLE BASE NOTES:
 1. 3500 PSI MIN 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 REINFORCING STEEL.

ANTENNA POLE BASE DETAIL
NOT TO SCALE

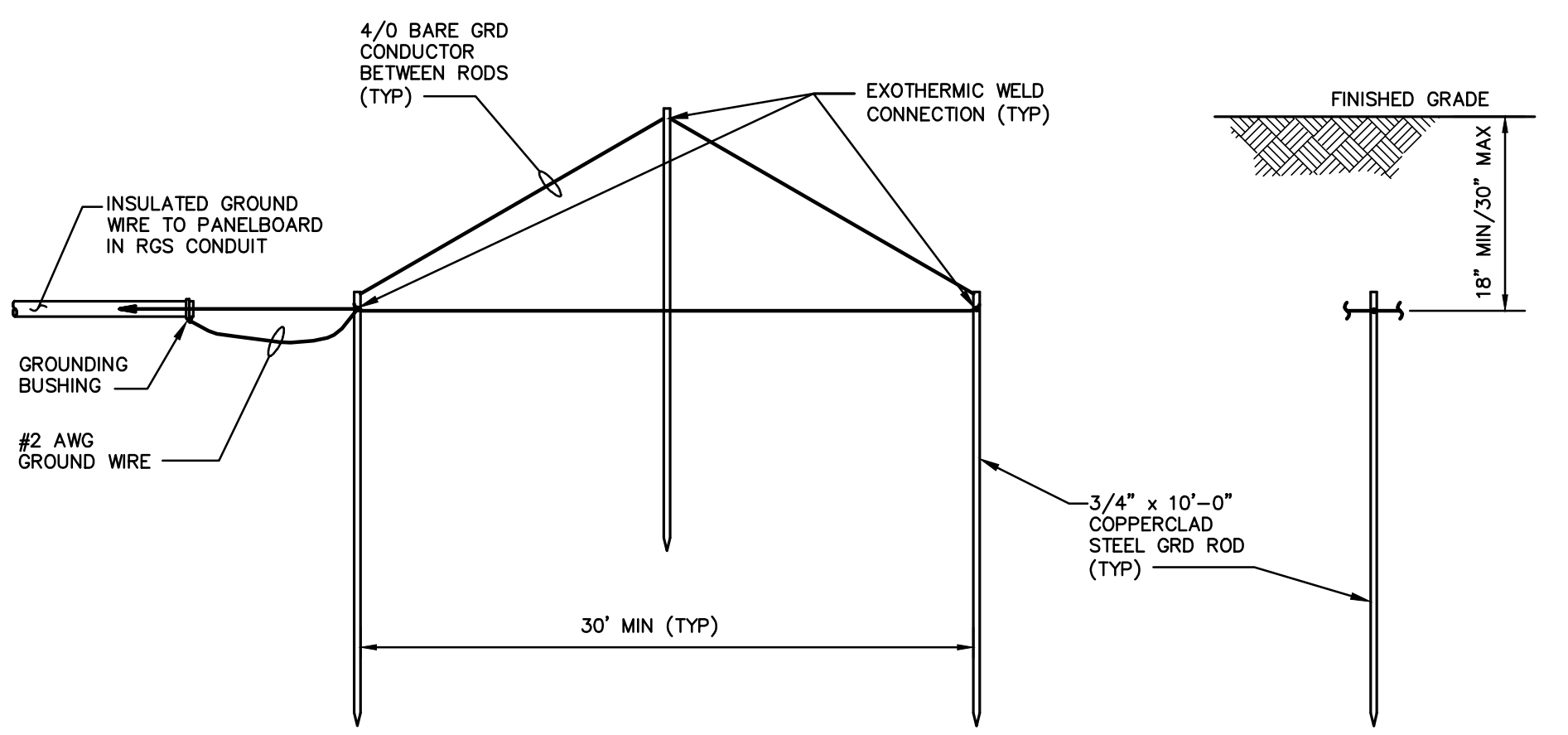
LEGEND



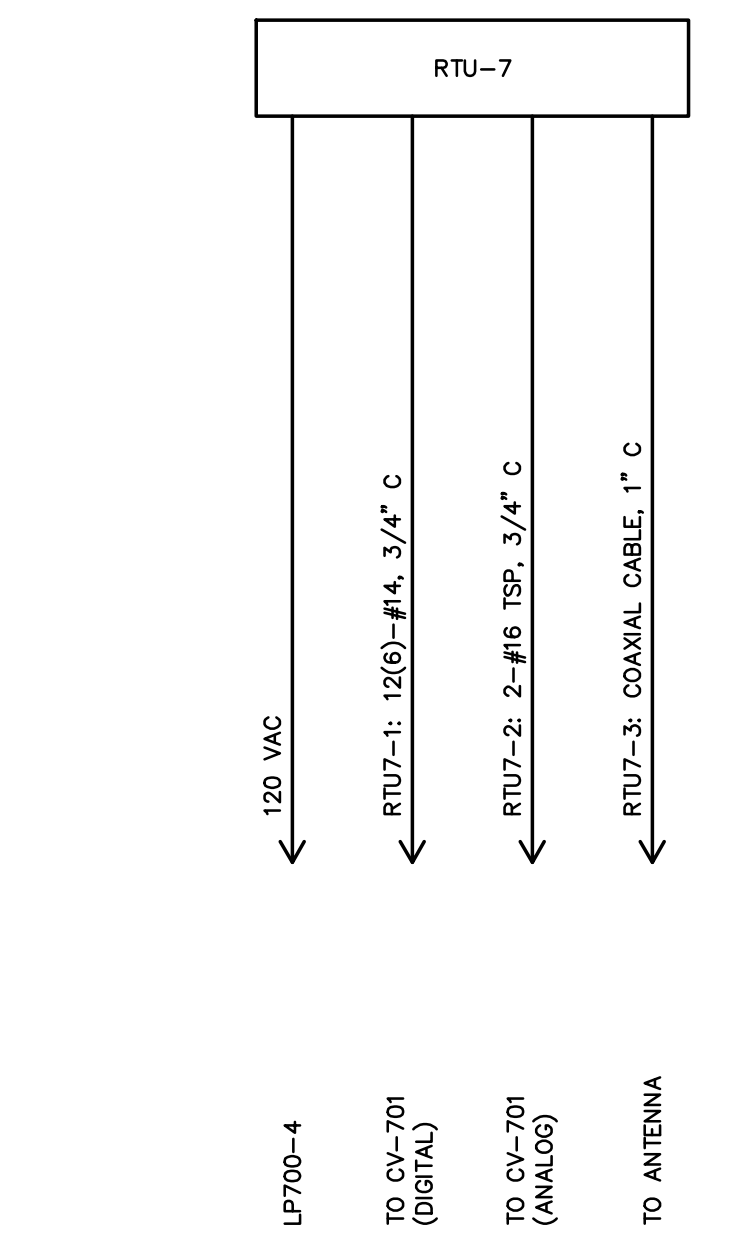
SYSTEM ARCHITECTURE
NOT TO SCALE

PANEL LP-700		BUS AMP	100A	MIN. A.I.C.	10,000	MAIN BREAKER	100A											
MOUNTING SURFACE		PHASE	1	WIRE	3	VOLTAGE	120/240											
LOCATION		VALVE VAULT SITE	NEMA TYPE	4X SS	NOTE	PROVIDE PANEL WITH INTEGRAL 240 KA SPD												
CKT	DESCRIPTION	BREAKER AMP	POLES	LOAD (KW) A	B	WIRE NO	SIZE	GND. SIZE	COND. SIZE	COND. SIZE	WIRE NO	LOAD (KW) A	B	BREAKER AMP	DESCRIPTION	CKT		
1	CV-701	20	1	1.2	-	2	12	12	3/4	3/4	12	2	0.2	1	20	RACK RECEPTACLES	2	
3	SPARE	20	1	-	-	-	-	-	-	3/4	12	12	2	0.6	1	20	RTU-7	4
5	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	6	
7	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	8	
9	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	10	
11	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	12	
13	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	14	
15	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	16	
17	SPARE	20	1	-	-	-	-	-	-	-	-	-	-	1	20	SPARE	18	
SUB-TOTAL LOAD KW				1.2	0							0.2	0.6					
TOTAL LOAD KW												1.4	0.6					

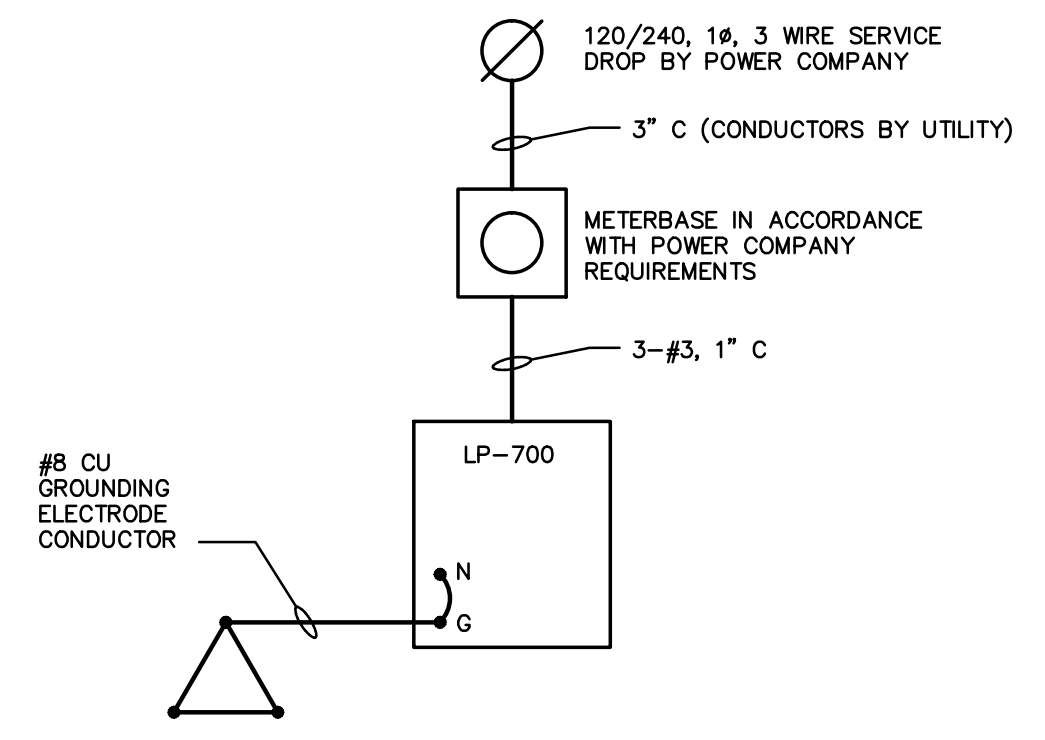
REVISIONS



GROUNDING COUNTERPOISE DETAIL
NOT TO SCALE



RTU-7 CONTROL ONE-LINE
NOT TO SCALE



CONTROL VALVE POWER ONE-LINE
NOT TO SCALE