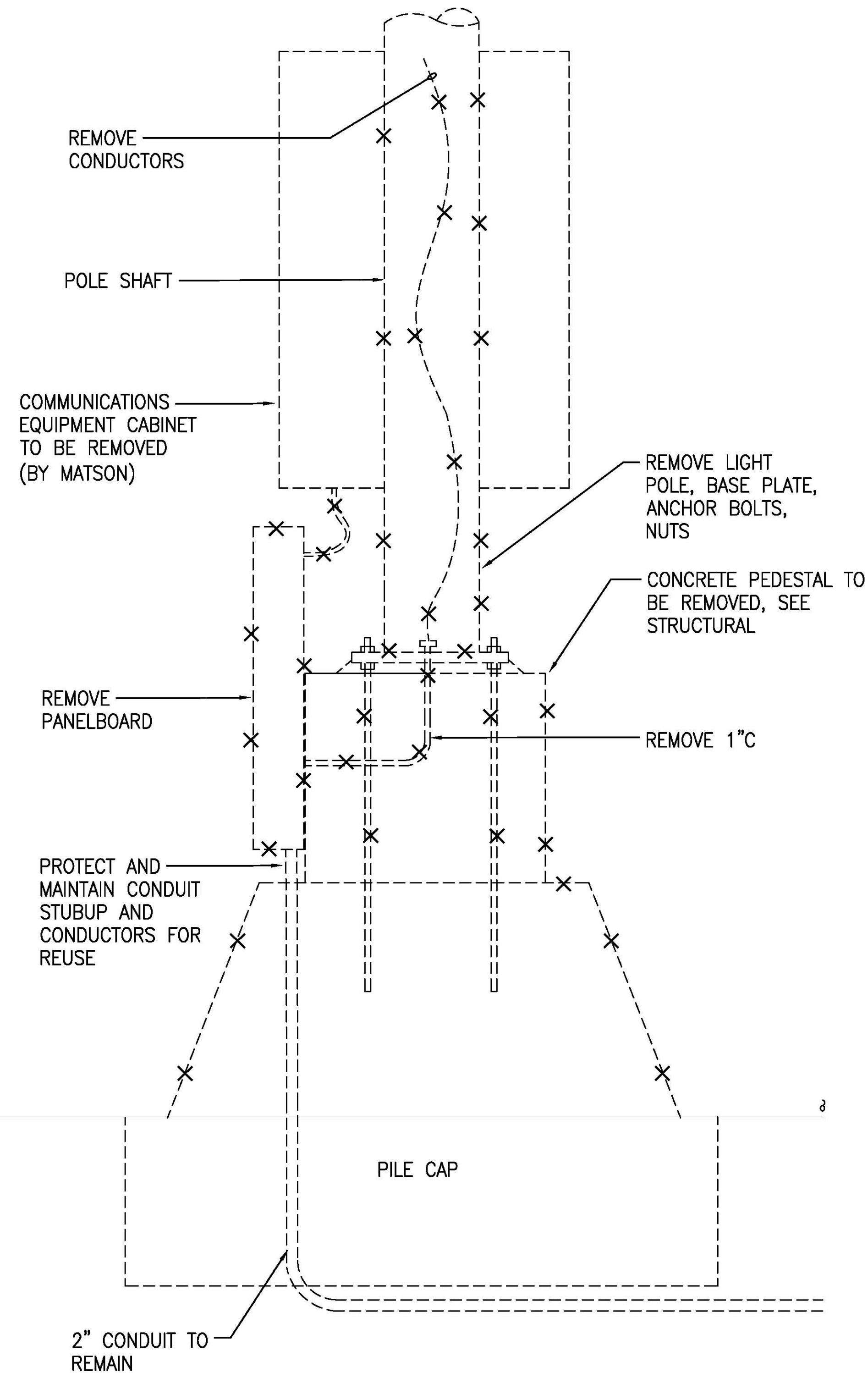
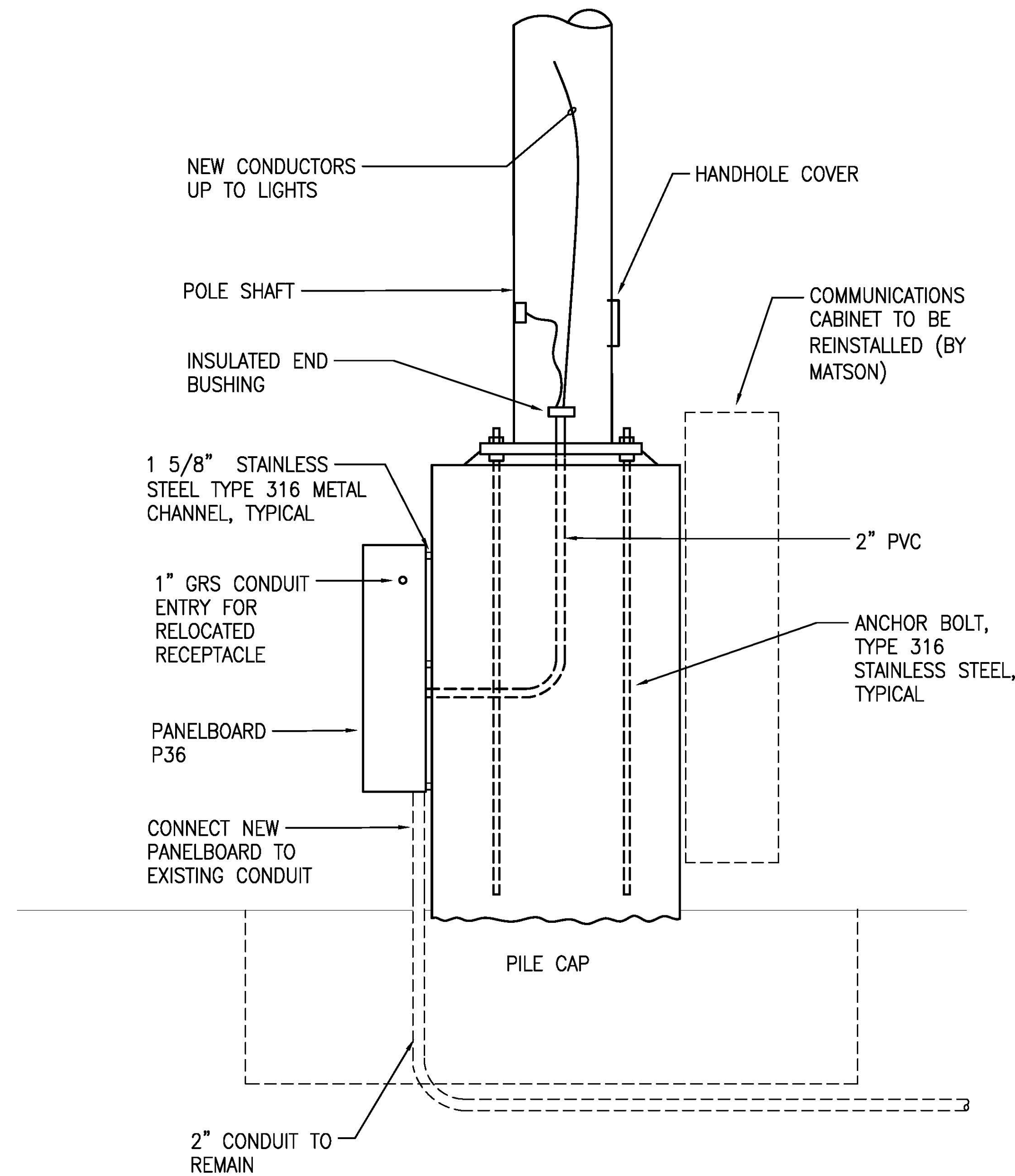


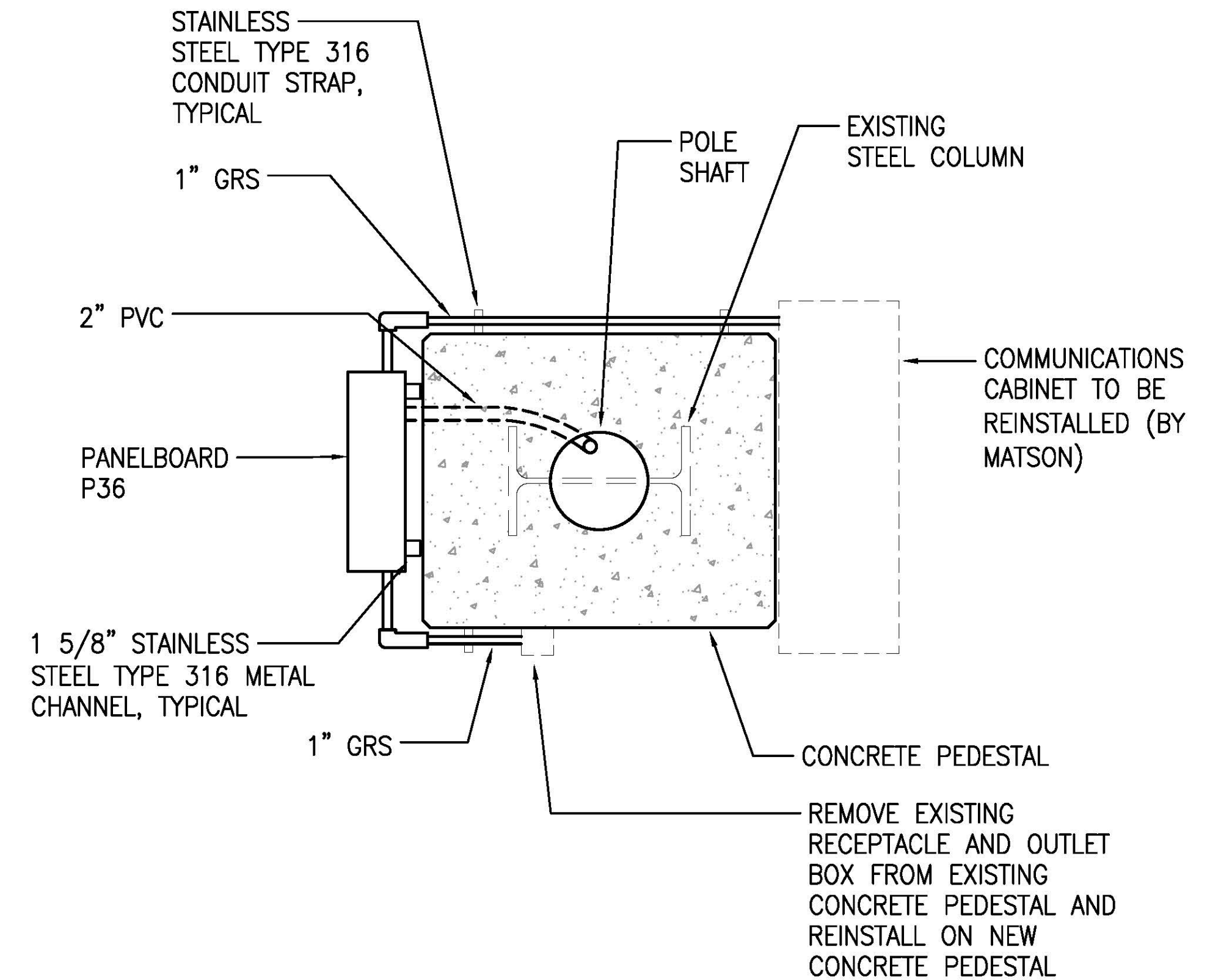
4/27/23-14:47 Y:\04\044-088 Hilo Harbor Pier 1 Light Poles\044-088 E-3 to E-9.dwg



1 PEDESTAL - DEMOLITION WORK (POLE 36)
E-9 NOT TO SCALE



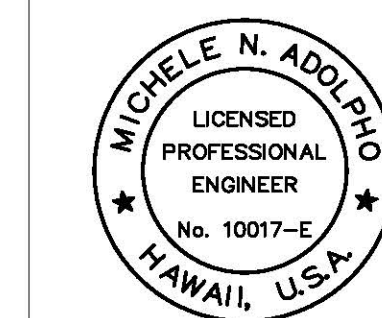
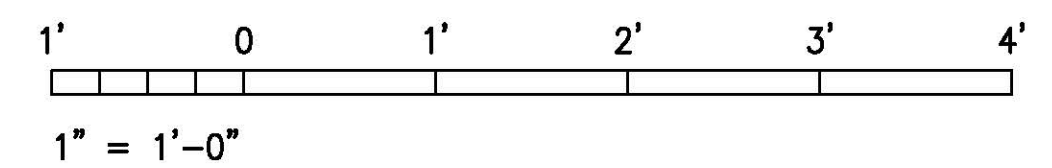
2 PEDESTAL - NEW WORK (POLE 36)
E-9 NOT TO SCALE



3 POLE 36 PEDESTAL PLAN
E-9 SCALE: 1" = 1'-0"

PANEL P36									
208/120 VOLTS, 3 PHASE, 4 WIRE 3P50A AMP MAIN BREAKER NEMA 4X, STAINLESS STEEL ENCLOSURE									
MIN AIC: 10,000 MOUNTING: SURFACE									
WIRE SIZE (AWG)	CKT NO	USE	CKT BKR POLE AMP	CONNECTED LOAD (KVA)			CKT BKR AMP POLE	USE	CKT NO
				PHASE A	PHASE B	PHASE C			
10	1	LIGHTS	1 20	1.0	1.0		20 1	COMM CABINET	2 12
10	3	LIGHTS	1 20		1.0	1.0	20 1	SPARE	4 -
10	5	LIGHTS	1 20			1.0	20 1	SPARE	6 -
12	7		3	0.5	-		- 1	PFB	8 -
12	9	RECEPTACLE			0.5	-	- 1	PFB	10 -
12	11		20			0.5	- 1	PFB	12 -
-	13	PFB	1 -	-	-		- 1	PFB	14 -
-	15	PFB	1 -				- 1	PFB	16 -
-	17	PFB	1 -				- 1	PFB	18 -
CONNECTED LOAD/PHASE				2.5	2.5	2.5			
TOTAL CONNECTED LOAD				7.5	KVA				
DEMAND FACTOR				0.8					
TOTAL DEMAND LOAD				6.0	KVA= 17 AMPS				

GRAPHIC SCALE



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
EXP 4-30-24
Michele N. Adolpho
ECS, INC.

REVISION	DATE	DESCRIPTION	BY	APPROVED
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION				
JOB TITLE REPAIR LIGHT POLES AND PEDESTALS AT PIER 1 HILO HARBOR, HAWAII				
SHEET TITLE PEDESTAL DETAILS - POLE 36				
DESIGNED BY: MA	DRAWN BY: CAD		SHEET E-9	
CHECKED BY: MA	DATE: 04/2023		JOB NUMBER S50201	
SCALE: AS SHOWN			17 of 19 SHTS.	