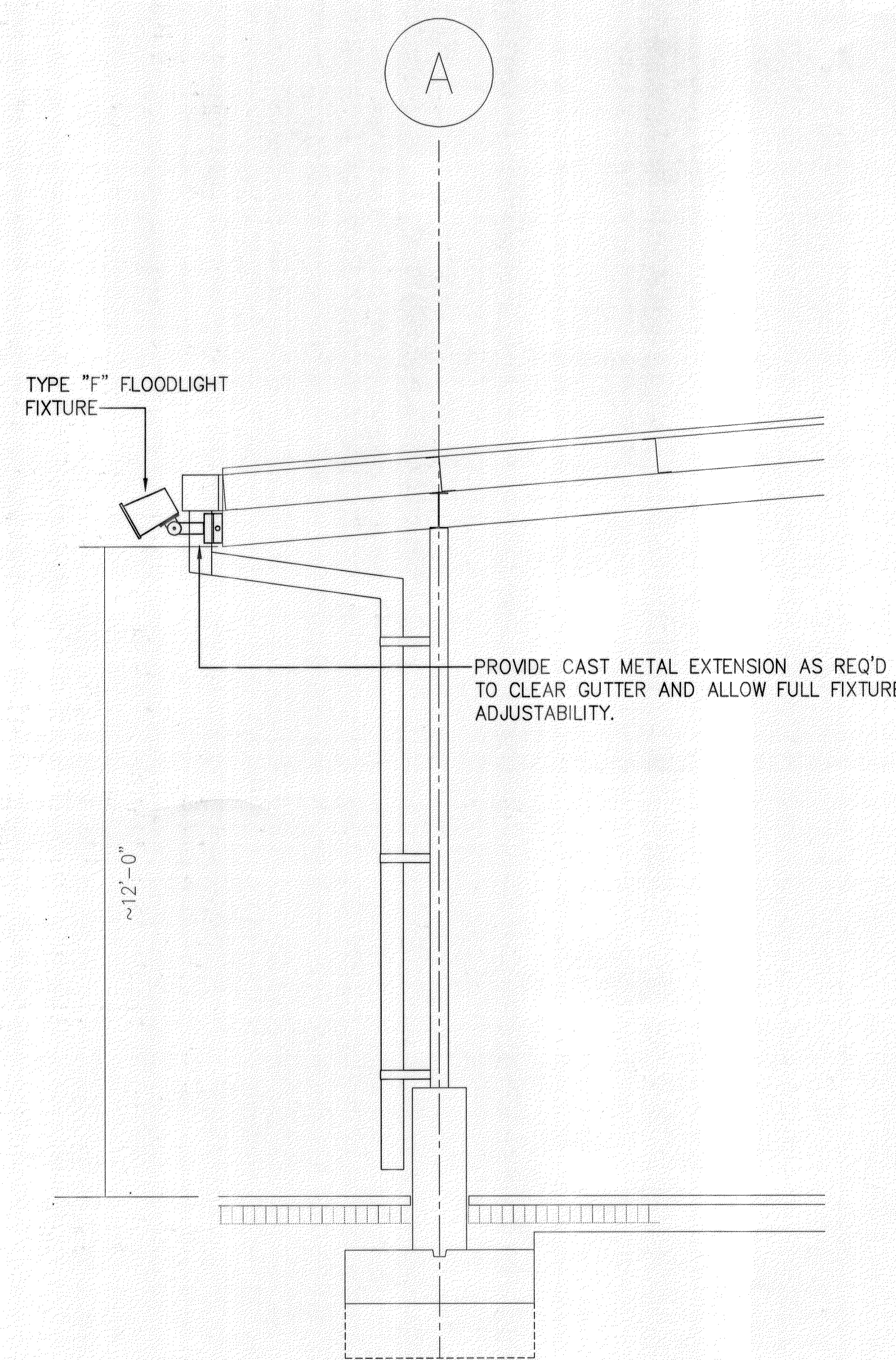
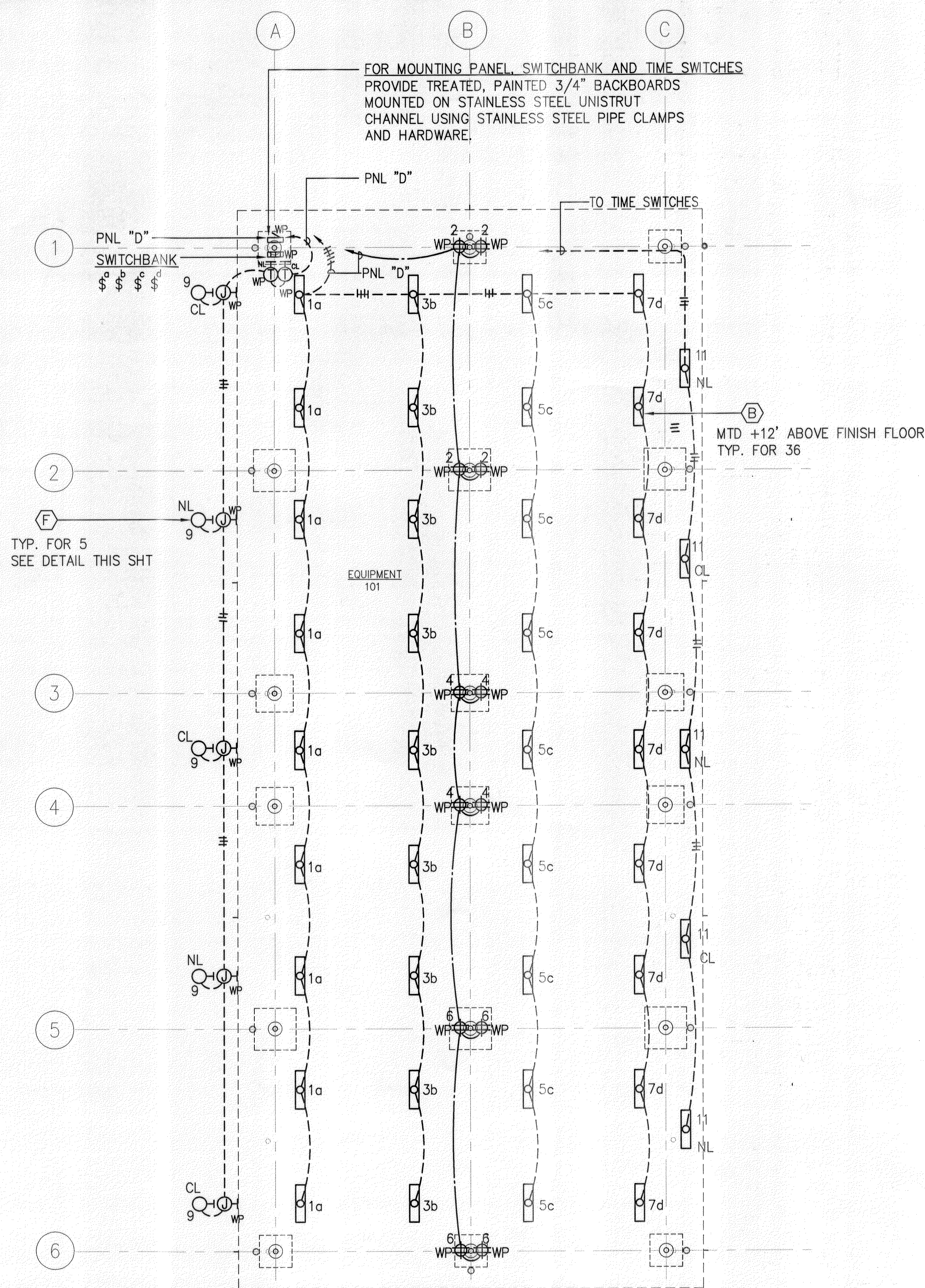


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-05-98	2002	95	99

PANEL		"D"		208Y/120		VOLTS,		3		PHASE,		4		WIRE SOLID NEUT	
TWO-SECTION:		PANELS		IDENTICAL, EXCEPT											
3P100		A MAIN BKR		/ A LUGS ONLY/TWIN- SURFACE/FLUSH/SEMI-FLUSH-											
LOAD-CENTER/INDUSTRIAL BOLTED		(OTHER SPECIAL FEATURES: GND BUS, NEMA 4X, S.S.)													
CIRCUIT NO.	BREAKERS POLE	AMPS	USE: S-S-PARE, L-LIGHTS, R-RECEPTACLES, PFB-PROV. FUTURE BKRS	KVA ON BUSES			WIRE SIZE								
				A	B	C									
1	1	20	L - SWITCH "a"	0.9					12						
2	1	20	R - NORTH SECTION	0.8					12						
3	1	20	L - SWITCH "b"		0.9				12						
4	1	20	R - MIDDLE SECTION		0.8				12						
5	1	20	L - SWITCH "c"				0.9		12						
6	1	20	R - SOUTH SECTION				0.8		12						
7	1	20	L - SWITCH "d"	0.9					12						
8	1	20	S	1.0					12						
9	1	20	L - EXTERIOR (WEST SIDE)		0.9										
10	1	20	S		1.0				-						
11	1	20	L - EXTERIOR (EAST SIDE)				0.5		-						
12	1	20	S				1.0		-						
13	1	-	PFB	-	-	-	-	-	-						
14	1	-	PFB	-	-	-	-	-	-						
15	1	-	PFB	-	-	-	-	-	-						
16	1	-	PFB	-	-	-	-	-	-						
17	1	-	PFB	-	-	-	-	-	-						
18	1	-	PFB	-	-	-	-	-	-						
19	3	-	PFB	-	-	-	-	-	-						
20	3	-	PFB	-	-	-	-	-	-						
21															
22															
23															
24															
				3.6	3.6	3.2	TOTALS								

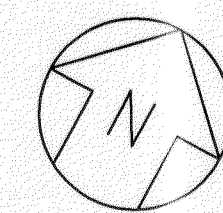
ALLOWED KVA 10.4
DEMAND FACTOR USED72
DEMAND KVA 7.4

10,000 AIC MIN
SERIES RATED @ 100,000 AIC



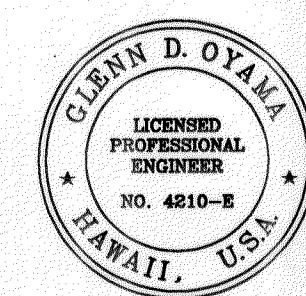
FLOODLIGHT MOUNTING DETAIL
N.T.S.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	
DESIGNED BY	TRACED BY	
QUANTITIES BY	CHECKED BY	
No.		



EQUIPMENT SHED - ELECTRICAL PLAN
SCALE: 1/8" = 1' - 0" ADDITIVE ALTERNATE 3

NOTES:
1. ALL RECEPTACLES ON THIS PLAN SHALL BE MOUNTED AT
30" FROM FINISH FLOOR.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Glenn D. Oyama

EQUIPMENT SHED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ELECTRICAL PLAN, MOUNTING
DETAIL, PNL SCHEDLS

MOLOKAI BASEYARD
MOLOKAI INDUSTRIAL PARK
Project No. HWY-M-05-98

Scale: As Noted Date: SEPT. 13, 2001

SHEET No. E2.4 OF E2.4 SHEETS