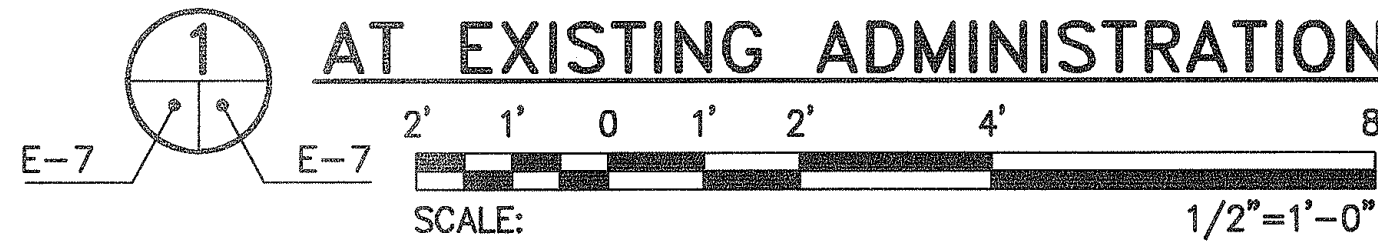


MODIFICATION OF DISTRIBUTION SWITCH BOARD ROOM AT EXISTING ADMINISTRATION BUILDING



KEY NOTES:

- 1 4#1/0 & 1#6 GND - 2"C (FROM EXISTING DIST. SWDB TO NEW PANEL E).
- 2 2"C - WITH 2 PAIR SHIELDED CABLE FOR THE TELEPHONE LINE

NOTES:

1. ELECTRICAL CONTRACTOR SHALL PROVIDE NEW TELEPHONE LINE FROM EXISTING TELEPHONE CABINET TO EXISTING STORAGE TRAILER. CONTRACTOR SHALL COORDINATE ALL WORK WITH OWNER'S AND WITH TELEPHONE COMPANY.

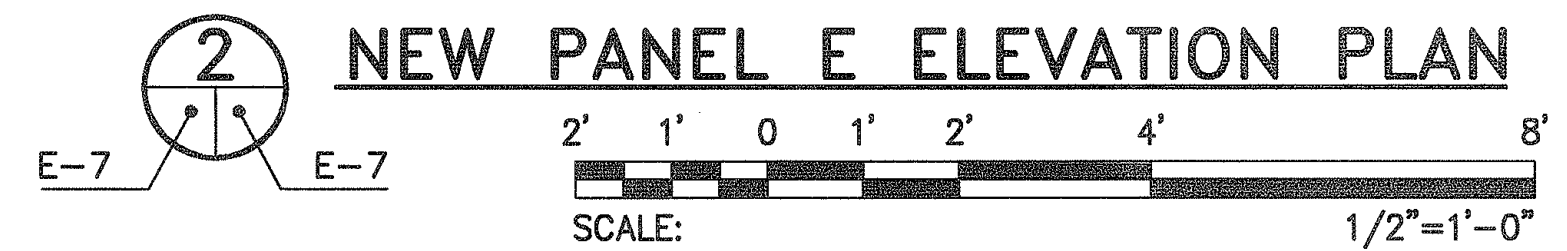
PANEL SCHEDULE

JOB: MAUI DISTRICT BASEYARD
NAMEPLATE: PNL-E
LOCATION: EXISTING SWITCH BOARD ROOM
MOUNTING: SURFACE

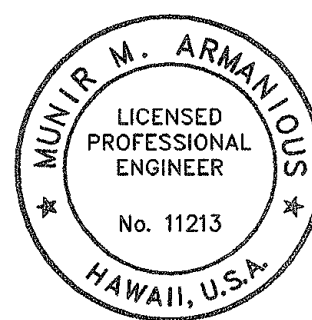
VOLTAGE: 120/208V, 3P, 4W
MAIN DEVICE: 150 AMP
BUS SIZE: 225 AMP
SHORT CIRCUIT RATING: 22,000AIC MIN.

DESCRIPTION	WIRE	K V A	BKR. AMP/ POLE	CIRCUIT AND PHASE	BKR. AMP/ POLE	K V A	WIRE	DESCRIPTION
PARKING LOT LIGHTING CKT#1	10 10	0.4 0.4	20/2	1 A 2 3 B 4	20/2	0.4 0.4	10 10	PARKING LOT LIGHTING CKT#2
PARKING LOT LIGHTING CKT#3	10 10	0.4 0.4	20/2	5 C 6 7 A 8	100/2	12 12	3 3	EXISTING STORAGE TRAILER FOR L, R & A/C
EXISTING WOOD SHACK #1 (LIGHTING & RECEPT)	8	1.2	20/1	9 B 10	20/1	1.2	8	EXISTING WOOD SHACK #2 (LIGHTING & RECEPT)
EXISTING WOOD SHACK #3 (LIGHTING & RECEPT)	8	1.2	20/1	11 C 12	20/1	-	-	SPARE
SPARE	-	-	20/1	13 A 14	20/1	-	-	SPARE
SPARE	-	-	-	15 B 16	-	-	-	SPARE
SPARE	-	-	-	17 C 18	-	-	-	SPARE

TOTAL CALCULATED LOAD = 30 KVA 84 AMPERES



NEW PANEL E ELEVATION PLAN



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Munir M. Armanious
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NEW PANEL E ELEVATION PLAN
AND PANEL SCHEDULE
MAUI DISTRICT BASEYARD
REPAIR AND MAINTENANCE OF
BUILDINGS AND GROUNDS, PHASE 3
PROJECT NO. HWY-M-08-04M

SCALE: AS SHOWN DATE: MAY 2005

SHEET No. E-7 OF 10 SHEETS