

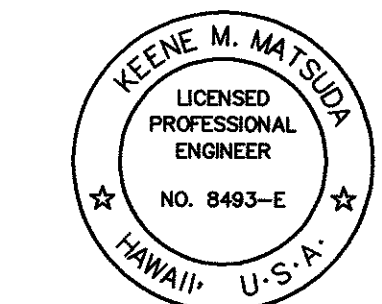
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(75), UNIT VI	1999	78	111

SYSTEM: 208Y/120V 3Ø 4W
MAINS: 100 A/225AF 3P CB
SHORT CIRCUIT RATING: 10 KAIC

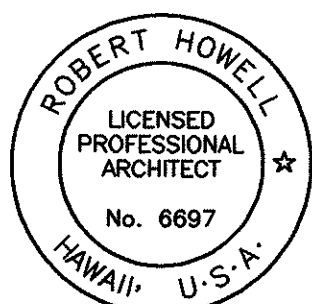
PANEL: "CB2LP" (E)
PANEL LOCATION: ELECTRICAL ROOM
SUPPLY LOCATION: PNL "CBMHP" VIA XFMR. ELECTRICAL ROOM

SERVICE	CKT. NO.	LOAD kVA			CIRCUIT BREAKER			WIRE AWG	A	B	C	WIRE AWG	CIRCUIT BREAKER			LOAD kVA			CKT. NO.	SERVICE
		A	B	C	FRAME	POLES	TRIP						TRIP	POLES	FRAME	A	B	C		
LEVEL 1 RECEPT (E)	1	0.54			100	1	20	#12				#12	20	1	100	0.7			2	REFRIGERATOR (E)
↓	3		0.54			↓	↓	↓				↓	↓	↓			1.08		4	OVER COUNTER RECEPTACLES (N)
↓	5			0.54		↓	↓	↓				↓	↓	↓				1.5	6	GARBAGE DISPOSER (N)
SUB-PNL, CB2LP-A (E)	7	4.00										#8	50(N)	2		3.4			8	ELECT. RANGE RECEPTACLE (N)
↓	9		1.00				3	40	#8			↓	↓	↓			3.4		10	↓
↓	11			1.00								#12	20	1				0.5	12	MDF. RECEPT. (E)
LEVEL 1 RECEPT (E)	13	0.72				1	20	#12				#10				0.9			14	EF-28, 29 & 30 (E)
↓	15		1.00									#12					0.3		16	EF-3 (E)
↓	17			0.72														0.3	18	EF-2 (E)
LEVEL 2 RECEPT (E)	19	1.08														0.3			20	EF-5 (E)
↓	21		1.44														0.3		22	EF-6 (E)
↓	23			1.08														0.3	24	EF-4 (E)
LEVEL 3 RECEPT (E)	25	0.90														0.3			26	E-7 (E)
DAMPER MOTORS (E)	27		0.30														0.3		28	DAMPER MTR. (E)
	29			0.30														0.6	30	CU-5 AUX. PWR. (E)
	31	0.30										↓				0.3			32	DAMPER MTR. (E)
	33		0.30									#12					0.54		34	LEVEL 2 (E)
	35			0.30								#12						0.54	36	RECEPT. (E)
	37	0.30										#12				0.3			38	RANGE HOOD (N)
	39		0.30									#12					0.30		40	E-8 (E)
↓	41			0.30	↓	↓	↓	↓				#12	↓	↓	↓			0.2	42	ELEV. LIGHTS (E)
SUBTOTAL		7.84	4.88	4.24					A	B	C					6.20	6.22	3.94		
TOTAL CONNECTED = 33.32 kVA									14.1	11.1	8.18									
ESTIMATED MAXIMUM DEMAND = 22.7 kVA									9.7	6.0	7.00									

- NOTES:
1. ALL NEW AND RELOCATED SWITCHES, RECEPTACLES, ETC., SHALL BE CONCEALED IN EXISTING GYP. BD. FURRED WALLS. PATCH TO MATCH AS REQUIRED.
2. REPLACE EXISTING MICROWAVE RECEPTACLE (CIRCUIT #6) WITH GARBAGE DISPOSAL RECEPTACLE.
3. REPLACE EXISTING OVERCOUNTER RECEPTACLE (CIRCUIT #4) WITH A GFI TYPE RECEPTACLE.
4. PROVIDE A 3-POLE, 4 WIRE, 50A RECEPTACLE-NEMA NO. 14-50 P - FOR THE RANGE. MOUNT 2' (MAX) AFF.
5. ALL CONDUIT TO BE RUN CONCEALED ABOVE CEILING OR IN FURRED WALLS. EXCEPTIONS MUST BE ACCEPTED BY THE ENGINEER.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

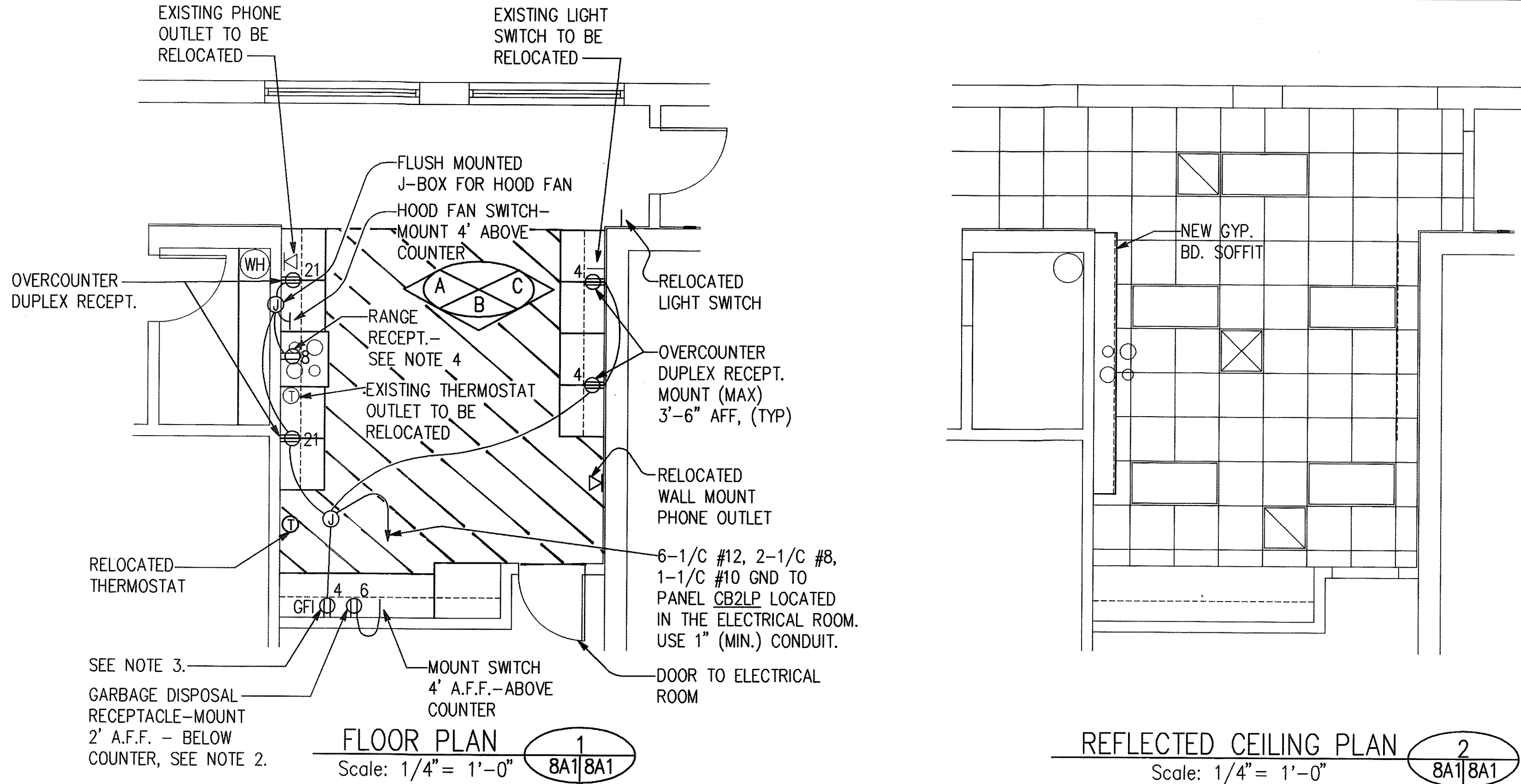


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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MEETING ROOM
PLANS, SECTIONS, ELEVATIONS
AND DETAILS
H-3 FINISH (UNIT VI)
FAIP NO. I-H3-1(75), UNIT VI

SCALE: AS NOTED
DATE: APRIL 1999
SHEET NO. 8A1 OF 1 SHEETS



REMOVE AND DISPOSE OF EXISTING CARPETING AND COVE BASE. REPLACE WITH FLEXI-FLOOR SHEET RUBBER FLOORING, GAGUE 3/16" (4.76MM). FURNISH & INSTALL NEW COVE BASE SIMILAR IN COLOR AND MATERIAL TO EXISTING.

