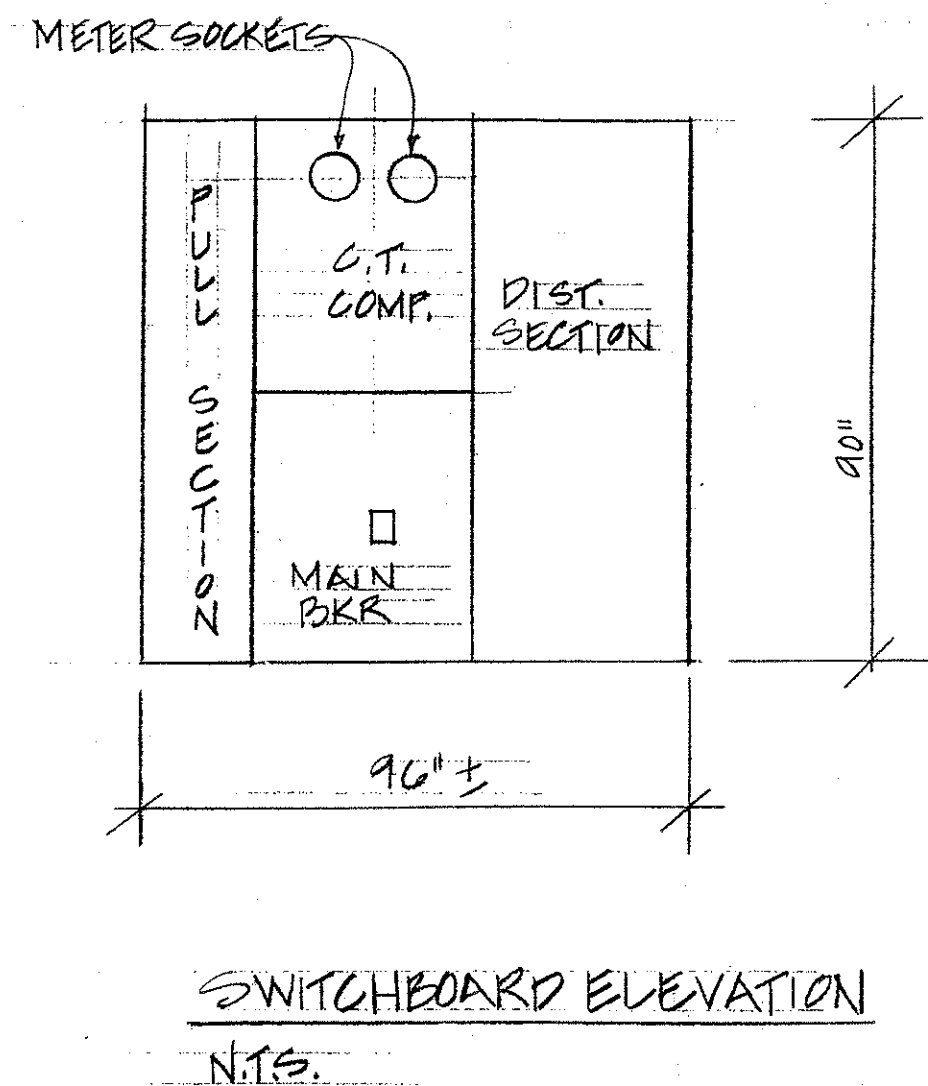
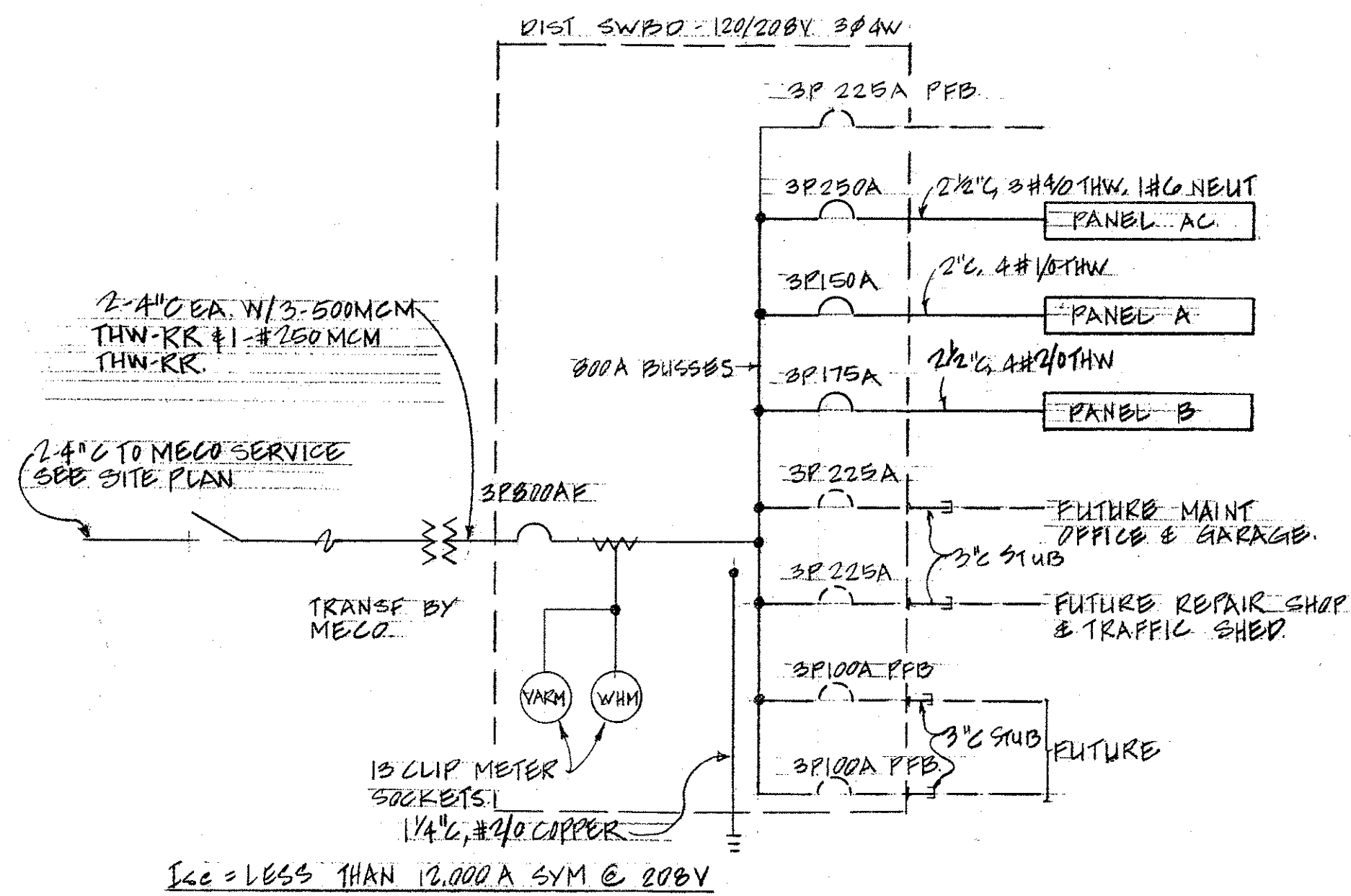


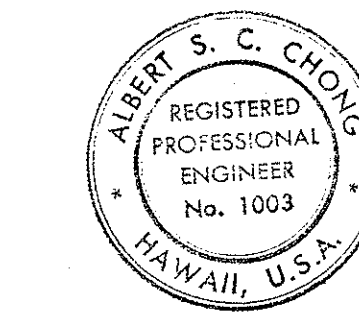
DATE
DESIGNED BY
CHECKED BY
NOTED BY
ORIGINAL
PLAN
NO.



PANEL AC 120/208 VOLTS 3Ø 4 WSN						
225A LUGS ONLY BRANCH BKR 1.C. 10,000A MIN. SURFACE INDUSTRIAL-BOLTED						
CKT NO.	BKR	LOAD	ØA	ØB	ØC	WIRE SIZE
1	3P30A	CHW PUMPS	1.2	1.2	1.2	3 NO. 12
2	3P30A	CHW PUMPS	1.2	1.2	1.2	3 NO. 12
3	3P30A	AHU NO. 3, 4, 5 & 6	1.2	1.2	1.2	3 NO. 10
4	3P20A	AHU NO. 1 & NO. 2	1.2	1.2	1.2	3 NO. 10
5	3P	SPACE				
6						
7						
8						
9	3P225A	CHILLER	15.0	15.0	15.0	3#3/0 THW
TOTALS			19.8	19.8	19.8	

PANEL A 120/208 VOLTS 3Ø 4 WSN						
225A LUGS ONLY SURFACE 20" WIDE CABINET, INDUSTRIAL BOLTED						
CKT NO.	BKR	LOAD	ØA	ØB	ØC	WIRE SIZE
1	1P20A	LT	0.6			12
2			1.6			12
3				1.3		10
4				1.0		12
5					1.6	10
6					1.0	12
7			1.6			10
8			1.6			12
9				1.6		10
10				1.6		12
11					1.0	12
12					0.8	10
13			1.8			10
14			1.8			10
15				1.0		12
16				0.7		
17					1.0	
18					1.4	
19			1.0			
20			1.4			
21				1.4		
22					1.2	
23					0.9	
24						
25			0.8			
26			0.8			
27		NL		0.7		
28		EXH FAN NO. 4 AND NO. 5		1.0		
29	1P20A	LT			0.8	12
30	1P20A	SPARE				
31						
32						
33						
34						
35						
36						
37	1P	SPACE				
38						
39						
40, 42	2P20A	RECEP		1.0	1.0	10
41	1P	SPACE				
TOTALS			13.0	12.7	10.7	

PANEL B 120/208 VOLTS 3Ø 4 WSN						
225A TWIN LUGS ONLY SURFACE 20" WIDE CABINET, INDUSTRIAL-BOLTED						
CKT NO.	BKR	LOAD	ØA	ØB	ØC	WIRE SIZE
1	1P20A	RECEP	1.0			10
2			1.0			12
3				1.0		
4		EWC		1.0		
5					1.0	
6					1.0	
7			1.0			
8			1.0			
9				1.0		
10				1.0		
11					1.0	
12					1.0	
13			1.0			
14, 16	2P30A	XEROX MACH	1.0	1.0		10
15	1P20A			1.0		12
17	1P20A	RECEP				
18					1.0	12
19			1.0			
20			1.0			
21				1.0		
22				1.0		
23					1.0	
24					1.0	
25			1.0			
26		EWC		1.0		
27					1.0	
28		REFRIG		1.0		
29					1.0	
30					1.0	
31			1.0			
32			1.0			
33, 35, 37	3P50A	OVEN	5.0	5.0	5.0	4 NO. 6
34	1P20A			1.0		12
36	1P20A	FUME HOOD FAN			1.0	12
38	1P20A	FUME HOOD FAN		1.0		12
39		TELE-TYPE			0.5	10
40, 42	2P20A	RECEP		1.0	1.0	10
41	1P20A	SPARE				
TOTALS			18.0	17.5	17.0	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Albert S. C. Chong, PE

FOR INFORMATION ONLY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SINGLE LINE DIAGRAM, PANEL SCHEDULES

DISTRICT OFFICE BUILDING
MAUI DISTRICT BASEYARD
KAHULULU MAUI HAWAII

KOBAYASHI-NISHIMURA
ARCHITECT & ENGINEERS OCT. 1972

SHEET No. E4 OF 40 SHEETS