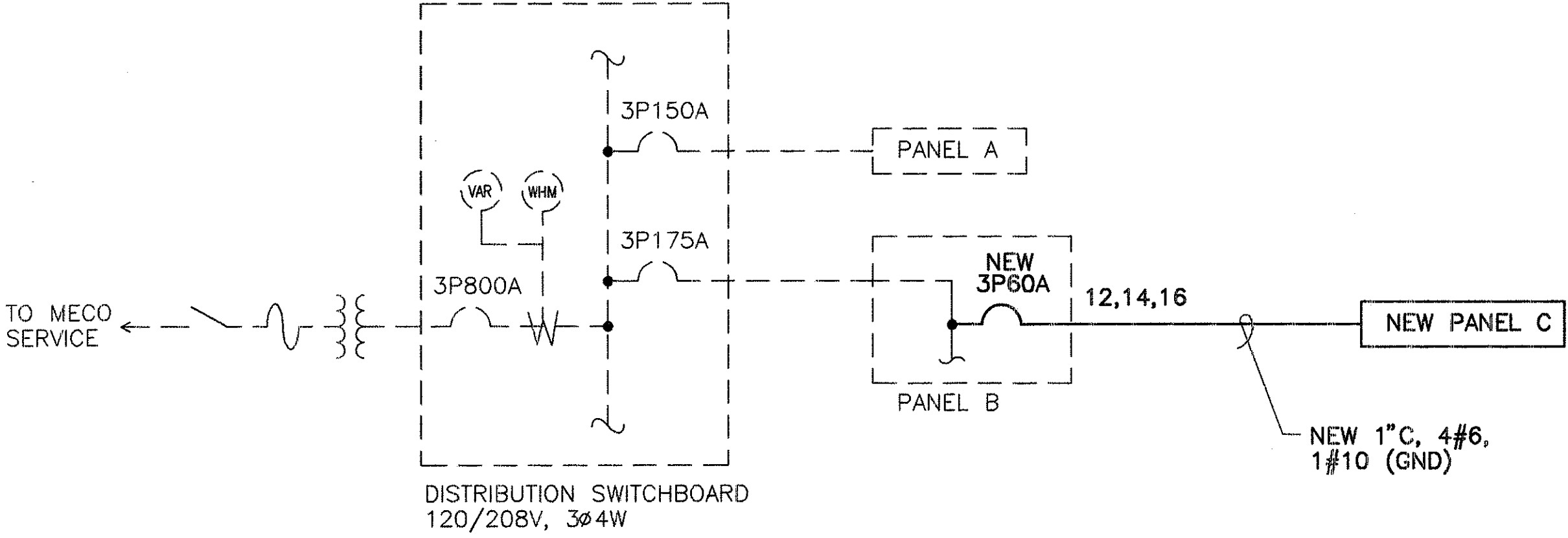


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
MAUI	HAW.	HWY-M-04-98M	1998	8	9

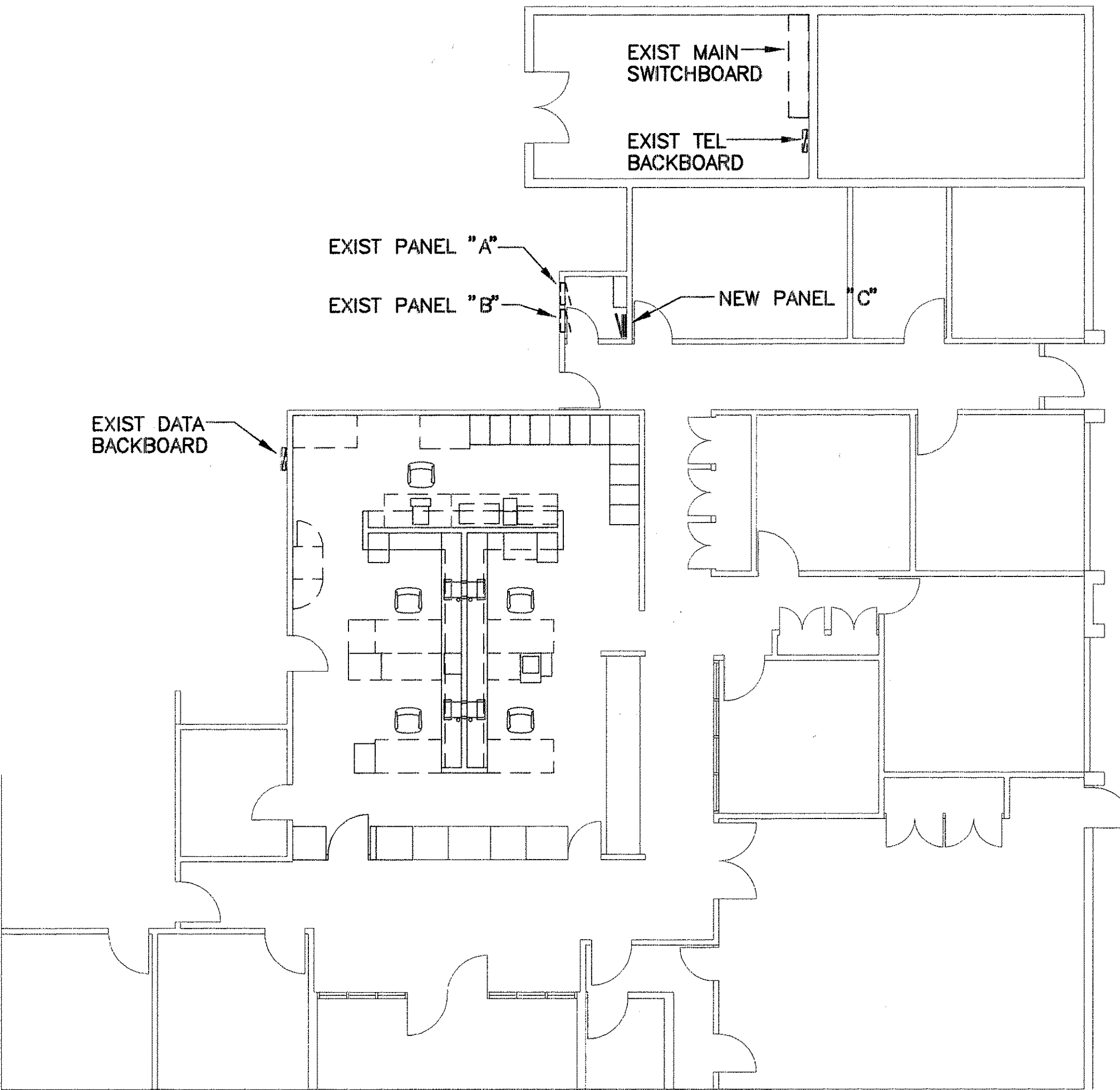
PANEL "C"		208Y/120 VOLTS			3ø, 4WSN	
100A MAIN LUGS ONLY		BRANCH BKR I.C.			10,000A	
SURFACE, 20" WIDE CABINET INDUSTRIAL BOLTED (PROVIDE ISOLATED GROUND BUS)						
CKT NO.	BKR	L O A D	KVA			WIRE
			A	B	C	
1	1P20A	RECEP - PRINTER	1.0			12
2			1.0			
3				1.0		
4		RECEP - COMPUTER		1.0		
5					1.0	
6					1.0	
7		RECEP	1.0			
8			1.0			
9				1.0		
10				1.0		
11					1.0	
12					1.0	↓
13		SPARE	1.0			
14			1.0			
15				1.0		
16	↓	↓		1.0		
17	1P	PFB				
18	↓	↓				
CONNECTED KVA : 16.0						
DEMAND FACTOR : 0.70						
DEMAND KVA : 11.2						
T O T A L			6.0	6.0	4.0	



* ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED.

SINGLE LINE DIAGRAM

NOT TO SCALE



PARTIAL ELECTRICAL SITE PLAN

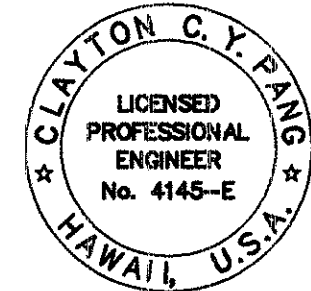
SCALE: 1/8" = 1'-0"

ELECTRICAL SYMBOLS

- ⊕ DUPLEX CONVENIENCE OUTLET, 3W 15A, GROUNDING TYPE, +16" UNLESS OTHERWISE NOTED
- ⊕ EXISTING DUPLEX OUTLET TO REMAIN
- ⊕ EXISTING DUPLEX OUTLET TO BE REMOVED
- ⊕ DUPLEX CONVENIENCE OUTLET, ISOLATED GROUND TYPE, 3W15A, GROUNDING TYPE +16" UNLESS OTHERWISE NOTED
- ⊕ EXISTING SPECIAL OUTLET TO BE REMOVED
- ⊕ JUNCTION BOX, WALL, 4-11/16" SQUARE MINIMUM
- ⊕ EXISTING JUNCTION BOX TO BE REMOVED
- ⊕ PANELBOARD
- ⊕ EXISTING PANELBOARD TO REMAIN
- ⊕ TELECOM OUTLET, +16"
- ⊕ EXISTING TELEPHONE OUTLET TO REMAIN
- ⊕ EXISTING TELEPHONE OUTLET TO BE REMOVED
- ⊕ DATA OUTLET
- ⊕ EXISTING TELEPHONE BACKBOARD TO REMAIN
- ⊕ EXISTING DATA BACKBOARD TO REMAIN

- WIRING IN RACEWAY CONCEALED IN WALL OR CEILING
- WIRING IN RACEWAY CONCEALED IN FLOOR OR BELOW GRADE
- WIRING IN EXPOSED RACEWAY
- WIRING IN EXISTING UNDERGROUND OR UNDERFLOOR RACEWAY

- NOTE:
- ANY CIRCUIT WITH NO FURTHER DESIGNATION INDICATES A TWO WIRE CIRCUIT. CIRCUITS WITH ADDITIONAL WIRES ARE INDICATED AS FOLLOWS: --- , 3 WIRES: --- , 4 WIRES, ETC.
 - GROUND WIRE PER NATIONAL ELECTRICAL CODE INDICATED AS FOLLOWS: --- .
 - ALL EXPOSED CONDUIT AND BOXES SHALL BE PAINTED TO MATCH ADJACENT WALL OR CEILING SURROUNDING.



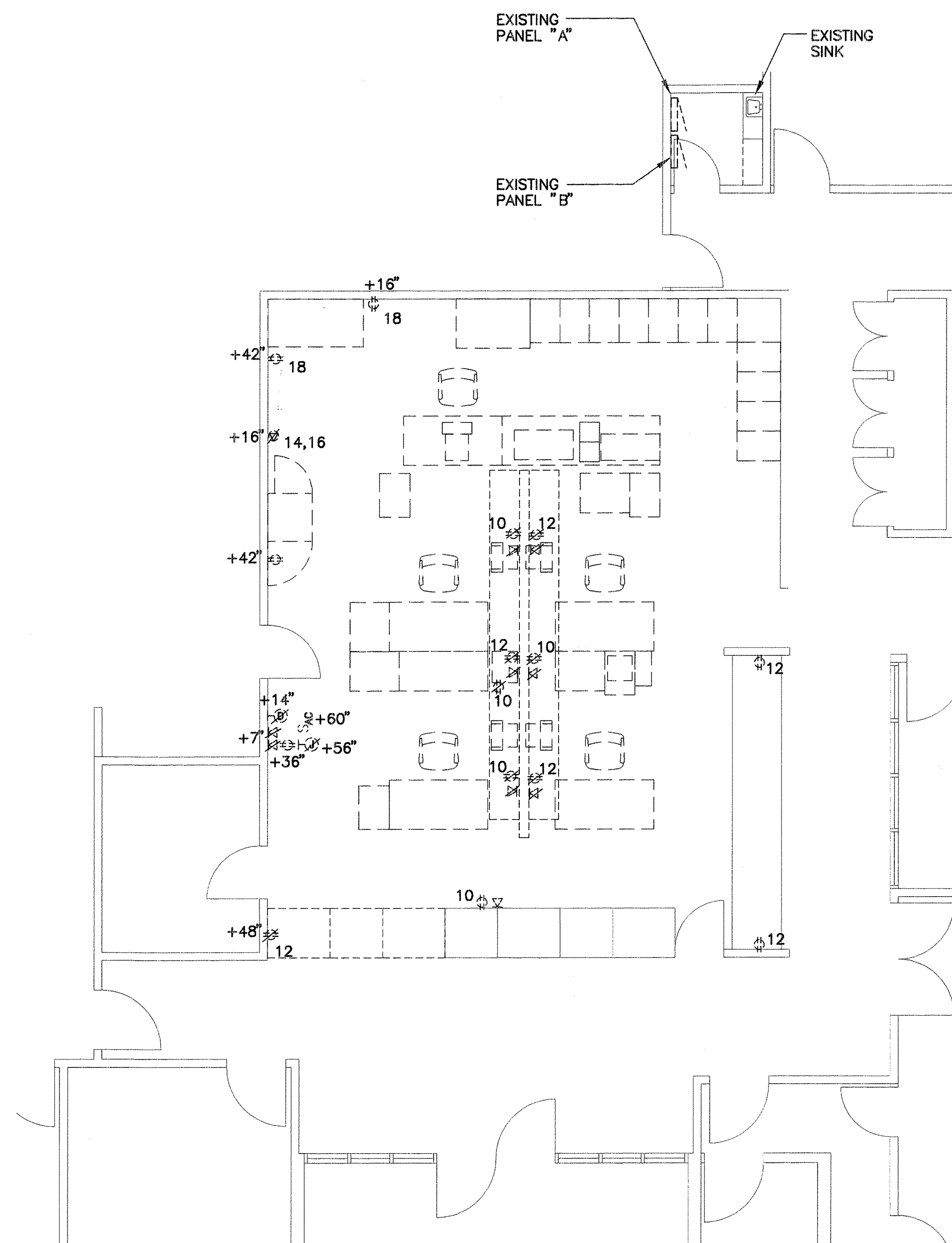
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Clayton C. Pang
LEUNG & PANG ASSOCIATES, INC.

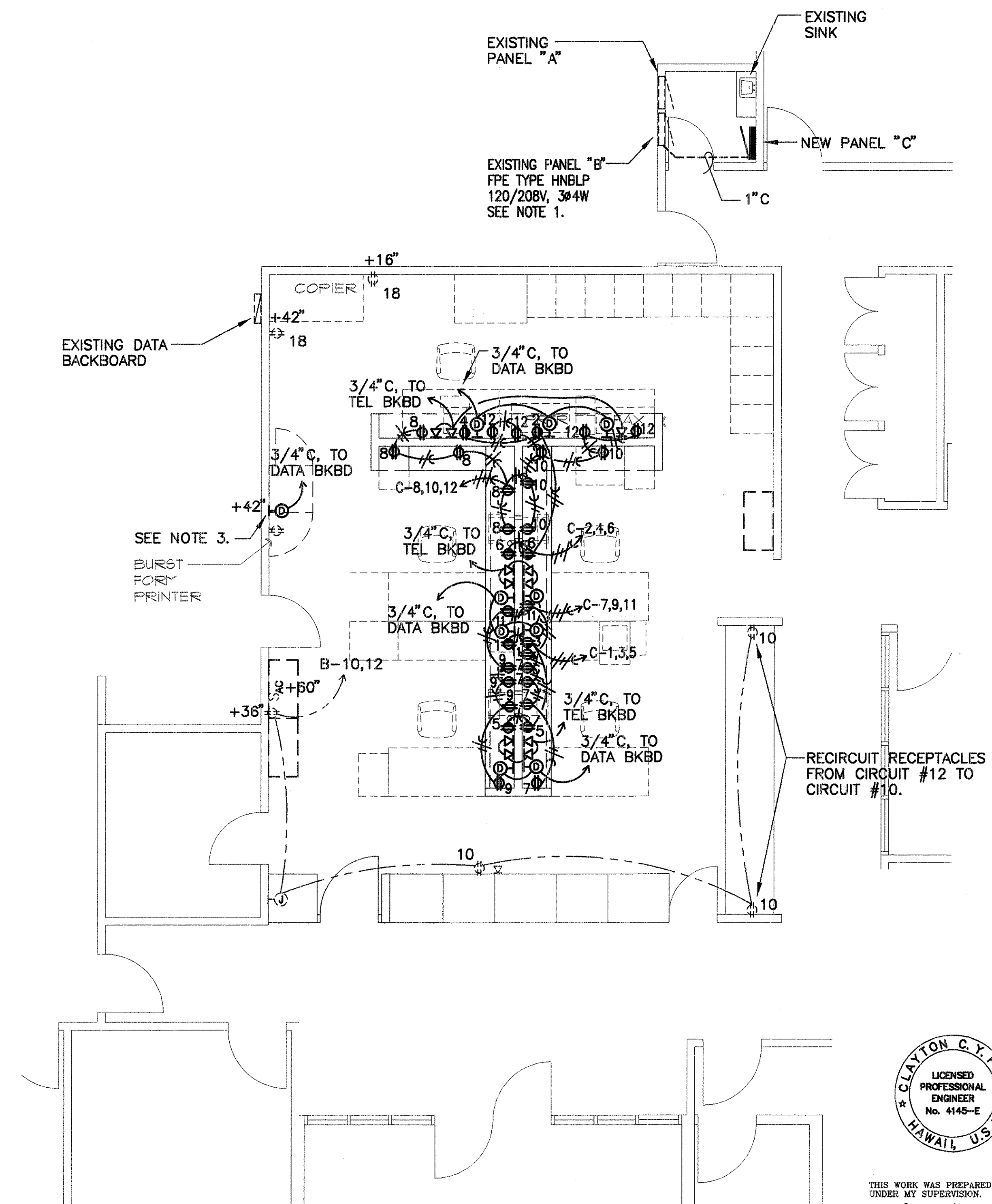
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
E-1
SINGLE LINE DIAGRAM, DEMOLITION NOTES, PARTIAL
SITE PLAN, ELECTRICAL SYMBOLS, PANEL SCHEDULE
MAUI DISTRICT
ADMINISTRATION BUILDING
GENERAL OFFICE RENOVATION
PROJECT NO. HWY-M-04-98M
SCALE: AS NOTED DATE: 5/28/98
SHEET No. 1 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
MAUI	HAW.	HWY-M-04-98M	1998	9	9



ELECTRICAL DEMOLITION WORK
SCALE: 1/4" = 1'-0"



- NOTES:**
1. REMOVE WIRING AND 1P20A BKR FROM CIRCUIT #12. REMOVE WIRING AND 2P30A BKR FROM CIRCUIT #14,16. PROVIDE NEW 3P60A BKR IN SPACES 12, 14 & 16.
 2. ALL CONDUIT HOMERUNS FOR POWER, DATA AND TELECOM SHALL ENTER THE CEILING SPACE VIA THE NEW ELECTRICAL CHASE. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND DETAIL.
 3. FISH 3/4" FLEXIBLE CONDUIT IN EXISTING WALL TO NEW OUTLET. OTHERWISE, CUT EXISTING GYPBOARD WALL FOR NEW CONDUIT AND PATCH TO MATCH EXISTING.

POWER AND SIGNAL PLAN
SCALE: 1/4" = 1'-0"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Clayton C. Y. Pang
LEUNG & PANG ASSOCIATES, INC.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
E-2
ELECTRICAL DEMOLITION WORK
POWER AND SIGNAL PLAN
MAUI DISTRICT
ADMINISTRATION BUILDING
GENERAL OFFICE RENOVATION
PROJECT NO. HWY-M-04-98M
SCALE: AS NOTED DATE: 5/28/98
SHEET No. 2 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	