VOLTAGE 208/120V
PHASE 3 WIRE 4W
BUS AMP 100, 200,000A CIC

PANEL UPP 4

MAIN AMPS 100

LOCATION MAINTENANCE ROOM, 2ND FLOOR
TYPE: WALL
POW-R-LINE
W.E.C.

DESCRIPTION	REC	LTG	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	BRKR AMP	P	CKT NO.	BUS CONN.	CKT NO.	P	BRKR AMP	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	LTG	REC	DESCRIPTION
MAINT. RM. LIGHTS		✓				15	1	1		2	1	20				✓		CORRIDOR LIGHTS
ANTENNA DECK LIGHTS (4)		✓				20	1	3		4	1	20				✓		ANTENNA DECK LIGHTS (3)
AIRCRAFT WARN LIGHT MONITOR BOX		✓				15	1	5		6	1	15				✓		EXIT & EMERGENCY LIGHTS
SPARE						20	1	7		8	1	15						ANTENNA DECK HOIST
MAINT. RM. OUTLETS 120V	✓					15	1	9		10	1	15					✓	ANTENNA DECK OUTLETS 120V
MAINT. RM. OUTLETS 208V (4)						20	2	11		12	2	20					✓	MAINT. RM. OUTLETS 208V (3)
——— ———	✓					20	2	13		14	2	20					✓	——— ———
ANTENNA DECK OUTLETS 208V						20	2	15		16	2	20					✓	WEST. ANTENNA. 208V
——— ———	✓					20	2	17		18	2	20					✓	——— ———
SPARE						15	1	19		20	1	15					✓	WEST ANTENNA. 120V
INTERLOCK BYPASS						15	1	21		22	1	20						SPARE
SPARE						20	1	23		24	1	15						SPARE
↓						15	1	25		26	3	100						MAIN
↓						20	1	27		28	3	100						CIRCUIT
↓						10	1	29		30	3	100						BREAKER
TOTALS																		

VOLT AMPS: BUS A _____
BUS B _____
BUS C _____
TOTAL _____

DEMAND FACTOR _____ x LCL VA _____ x 1.25: _____

MEASURED AT MT. LAGUNA 9/22/93

TOTAL VA 6,160
3Ø AMPS 17.1

VOLTAGE 208
PHASE 3 WIRE 4W
BUS AMP 200

PANEL UPP 5

MAIN AMPS 150

LOCATION UPSTAIRS LOBBY 2ND FLOOR
TYPE: WALL
POW-R-LINE
W.E.C.

DESCRIPTION	REC	LTG	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	BRKR AMP	P	CKT NO.	BUS CONN.	CKT NO.	P	BRKR AMP	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	LTG	REC	DESCRIPTION
AH-9			624			20	3	1		2	1	20	1080			✓		LTS BRK RM
AH-9				624		20	3	3		4	1	20		560		✓		LTS LOBBY
AH-9					624	20	3	5		6	1	20						SPARE
OUTDOOR.W.S.WALS		✓	650			20	3	7		8	1	20						↓
SPARE						20	3	9		10	1	20						EF-1
UPSTR LOBBY	✓				1200	20	3	11		12	1	20						SPARE
BRK RM	✓		1500			20	2	13		14	1	20						
						20	2	15		16	2	15						
SPARE						20	2	17		18	2	15						↓
X-MTR LIFT DEVICE	✓		3180			20	2	19		20	2	50	8000					WATER HEAT. NO.1
X-MTR LIFT DEVICE	✓			3180		20	2	21		22	2	50		8000				SHOWER
HOIST	✓				2185	25	1	23		24	2	50			8000			WATER HEAT. NO.3 ●
SPARE						50	2	25		26	2	50	8000					JANITOR
↓						50	2	27		28	2	50		8000				WATER HEAT. NO.2 ●
↓						50	2	29		30	1	20			8000			BATHROOM
↓						50	2	31		32	1	20				✓		LTS BATHROOM
↓						20	1	33		34								SPACE
↓						20	1	35		36								↓
↓						20	1	37		38								↓
↓						20	1	39		40								↓
↓						20	1	41		42								↓
TOTALS			5774	3724	4009								9080	16750	8000			

VOLT AMPS: BUS A 14,954
BUS B 20,474
BUS C 12,009
TOTAL 47,437: 3 - 15,819 VA/PH

DEMAND FACTOR .8 x LCL VA 46,790 x 1.25: 47,437

TOTAL VA 47,437
3Ø AMPS 132A

NOTE: FOR LOAD CALCS. ONLY. FIELD VERIFY AND BALANCE POWER WITHIN 20%(FAA STD 1217E)

● NON-SIMULTANEOUS LOAD. PROVIDE CIRCUIT WITH 2-#8 AND 1-#10 GND IN APPROPRIATE CONDUIT SIZE (PER NEC)

VOLTAGE 208
PHASE 3 WIRE 4W
BUS AMP 200

PANEL UPP 6

MAIN AMPS 150

LOCATION CORRIDOR 2ND FLOOR
MOUNTING WALL
POW-R-LINE
W.E.C.

DESCRIPTION	REC	LTG	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	BRKR AMP	P	CKT NO.	BUS CONN.	CKT NO.	P	BRKR AMP	VOLT AMPS A	VOLT AMPS B	VOLT AMPS C	LTG	REC	DESCRIPTION
AIR HANDL. RM		✓	660			20	1	1		2	1	20						REFRIGERATOR
OFFICE		✓		360		20	1	3		4	1	20						MICROWAVE
AIR HANDL. RM	✓				1200	20	1	5		6	1	20						RANGE HOOD
AH-3 7 1/2 H.P.			2640			30	3	7		8	1	20						SPARE
				2640		30	3	9		10	1	20						
↓					2640	30	3	11		12	1	20						↓
AH-4 7 1/2 H.P.			2640			30	3	13		14	1	20						↓
				2640		30	3	15		16	1	20						↓
↓					2640	30	3	17		18	1	20						↓
AH-7			624			20	2	19		20	1	20						↓
↓				624		20	2	21		22	1	20						↓
AH-8					624	20	2	23		24	1	20						↓
↓				624		20	2	25		26	1	20						↓
OFFICE REC.	✓		1800			20	1	27		28	1	20						↓
CP-3				150		20	1	29		30	1	20						↓
WATER HEAT. NO.4			8000			50	2	31		32								SPACE
KITCHEN				8000		50	2	33		34								↓
OUTDOOR N.E. WALLS		✓			650	20	1	35		36								↓
RANGE						50	2	37		38								↓
RANGE						50	2	39		40								↓
SPARE								41		42								↓
TOTALS			16364	15038	7754													

VOLT AMPS: BUS A 16364
BUS B 15038
BUS C 7754
TOTAL 39,157: 3 - 13,052 A/PH

DEMAND FACTOR 0.9 x LCL VA 12,1 x 1.25: 39157

TOTAL VA 39,157
3Ø AMPS 108

RAYTHEON SERVICE COMPANY
WESTERN PACIFIC REGION
CONTINENTAL PARK, SUITE 2400
3601 AVIATION BLVD.
MANHATTAN BEACH, CALIFORNIA 90
PHONE NO. (310) 297-2200

PROJECT NUMBER R-AWP-91-0092-F
TSSC REFERENCE NUMBER

A	12/22/95	AS-BUILT			
			TSSC	CHECKED	APPROVED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
WESTERN PACIFIC REGION- LOS ANGELES, CALIFORNIA

MT. SANTA ROSA, GUAM

ARSR-4

PANEL SCHEDULES, SECOND FLOOR

SUBMITTED BY: SUPVR: ENVIRON. ENGR. UNIT AWP-453.2
APPROVED BY: MGR: COMM. SURVEILLANCE & INTER-FACILITY PROGRAM SECTION AWP-453

453.24 / 453 / 460 / AFS / AFO

DESIGNED BY MM
ISSUED BY
DRAWN BY RTM/MS/KR/ET
CHECKED BY PR
DATE 5/27/94
DRAWING NO. WP-D-570-41829-E5A
REV LTR