

PANEL - MECH													
TYPE: 100AMP MAIN LUG		AIC: 42,000 AMPERES			MOUNTED SURFACE				VOLTAGE: 277/480 VOLTS, 3 PHASE, 4 WIRE				
CIRCUIT DIRECTORY	(VA) PER PHASE			AMP	POLE	CIRCUIT NUMBER	AMP	POLE	(VA) PER PHASE			CIRCUIT DIRECTORY	
	PHASE A	PHASE B	PHASE C						PHASE A	PHASE B	PHASE C		
SPARE				100		1	2	30		8,864		8,864	RTU-1
						3	4						
						5	6						
SPARE				60		7	8	30		5,208		5,208	RTU-2 (FUTURE)
						9	10						
						11	12						
OAU-3	8,864			50		13	14	30		12,188		12,188	RTU-3 (FUTURE)
		8,864				15	16						
			8,864			17	18						
OAU-4	9,750			50		19	20	30		4,321		4,321	RTU-4 (FUTURE)
		9,750				21	22						
			9,750			23	24						
OAU-5	10,858			60		25	26	50		10,858		10,858	RTU-5 (FUTURE)
		10,858				27	28						
			10,858			29	30						
OAU-6 (FUTURE)	13,296			60		31	32	30		4,321		4,321	RTU-6 (FUTURE)
		13,296				33	34						
			13,296			35	36						
OAU-7 (FUTURE)	22,160			100		37	38	30		5,208		5,208	RTU-7 (FUTURE)
		22,160				39	40						
			22,160			41	42						
OAU-8 (FUTURE)	13,296			60		43	44	70		13,074		13,074	RTU-8 (FUTURE)
		13,296				45	46						
			13,296			47	48						
OAU-9 (FUTURE)	13,296			60		49	50						BUSSED SPACE
		13,296				51	52						BUSSED SPACE
			13,296			53	54						BUSSED SPACE
SPARE				60		55	56						BUSSED SPACE
						57	58						BUSSED SPACE
						59	60						BUSSED SPACE
SPARE				60		61	62						BUSSED SPACE
						63	64						BUSSED SPACE
						65	66						BUSSED SPACE
SPARE				30		67	68						BUSSED SPACE
						69	70						BUSSED SPACE
						71	72						BUSSED SPACE
SPARE				70		73	74						BUSSED SPACE
						75	76						BUSSED SPACE
						77	78						BUSSED SPACE
SPARE				100		79	80						BUSSED SPACE
						81	82						BUSSED SPACE
						83	84						BUSSED SPACE
SUB TOTAL (VA)	91,520	91,520	91,520							64,042	64,042	64,042	SUB TOTAL (VA)
TOTAL LOAD PHASE A		155,562 (VA)											
TOTAL LOAD PHASE B		155,562 (VA)											
TOTAL LOAD PHASE C		155,562 (VA)											
TOTAL LOAD		466,686 (VA) =								562 AMP			

PANEL - PP1													
TYPE: 225AMP MAIN LUG		AIC: 42,000 AMPERES			MOUNTED SURFACE				VOLTAGE: 277/480 VOLTS, 3 PHASE, 4 WIRE				
CIRCUIT DIRECTORY	(VA) PER PHASE			AMP	POLE	CIRCUIT NUMBER	AMP	POLE	(VA) PER PHASE			CIRCUIT DIRECTORY	
	PHASE A	PHASE B	PHASE C						PHASE A	PHASE B	PHASE C		
OAU-1	7,091			40		1	2	30		4,200		4,200	SECURITY GATE
						3	4						
						5	6						
OAU-2	7,091			40		7	8	30		4,200		4,200	SECURITY GATE
		7,091				9	10						
			7,091			11	12						
BUSSED SPACE						13	14	30		4,200		4,200	SECURITY GATE
BUSSED SPACE						15	16						
BUSSED SPACE						17	18						
BUSSED SPACE						19	20	30		4,200		4,200	SECURITY GATE
BUSSED SPACE						21	22						
BUSSED SPACE						23	24						
BUSSED SPACE						25	26	30		4,200		4,200	SECURITY GATE
BUSSED SPACE						27	28						
BUSSED SPACE						29	30						
BUSSED SPACE						31	32						
BUSSED SPACE						33	34						
BUSSED SPACE						35	36						
BUSSED SPACE						37	38						
BUSSED SPACE						39	40						
BUSSED SPACE						41	42						
SUB TOTAL (VA)	14,182	14,182	14,182							21,000	21,000	21,000	SUB TOTAL (VA)
TOTAL LOAD PHASE A		35,182 (VA)											
TOTAL LOAD PHASE B		35,182 (VA)											
TOTAL LOAD PHASE C		35,182 (VA)											
TOTAL LOAD		105,546 (VA) =								66 AMP			

PANEL FPME													
TYPE: 125AMP MAIN LUG		AIC: 22,000 AMPERES			MOUNTED SURFACE				VOLTAGE: 120/208 VOLTS, 3 PHASE, 4 WIRE				
CIRCUIT DIRECTORY	(VA) PER PHASE			AMP	POLE	CIRCUIT NUMBER	AMP	POLE	(VA) PER PHASE			CIRCUIT DIRECTORY	
	PHASE A	PHASE B	PHASE C						PHASE A	PHASE B	PHASE C		
PANEL RP-MECH	10,336			125		1	2	60		2,000		2,000	SECURITY GATE
						3	4						
						5	6						
PANEL RP1A	9,200			125		7	8	60		2,000		2,000	SECURITY GATE
		7,600				9	10						
			7,600			11	12						
PANEL RP1B	11,133			125		13	14	30					SPARE
		9,000				15	16						SPARE
SPARE				100		17	18	30					SPARE
						19	20						
						21	22						BUSSED SPACE
SPARE				60		23	24			1,000			BUSSED SPACE
						25	26	20		1,000			GEN BATTERY CHG
						27	28	30		2,200			GEN BLOCK HEATER
						29	30						
SUB TOTAL (VA)	30,669	29,554	23,887							9,500	6,200	6,200	SUB TOTAL (VA)
TOTAL LOAD PHASE A		35,669 (VA)											
TOTAL LOAD PHASE B		32,154 (VA)											
TOTAL LOAD PHASE C		30,087 (VA)											
TOTAL LOAD		97,910 (VA) =								272 AMP			

PANEL RP-MECH													
TYPE: 125AMP MAIN LUG		AIC: 22,000 AMPERES			MOUNTED SURFACE				VOLTAGE: 120/208 VOLTS, 3 PHASE, 4 WIRE				
CIRCUIT DIRECTORY	(VA) PER PHASE			AMP	POLE	CIRCUIT NUMBER	AMP	POLE	(VA) PER PHASE			CIRCUIT DIRECTORY	
	PHASE A	PHASE B	PHASE C						PHASE A	PHASE B	PHASE C		
VRP-1	2,976			50		1	2	20					SPARE
						3	4						SPARE
						5	6						SPARE
ODHPA1	2,080			40		7	8	20		2,976		2,976	SPARE
		2,080				9	10						SPARE
			2,080			11	12						SPARE
ODHPB1	2,080			40		13	14	20					BUSSED SPACE
						15	16						BUSSED SPACE
						17	18						BUSSED SPACE
ODHPC1	2,080			40		19	20	20					BUSSED SPACE
						21	22						BUSSED SPACE
RECEPTACLES	800			20		1	19	20					BUSSED SPACE
RECEPTACLES	800			20		1	21	22					BUSSED SPACE
RECEPTACLES	1,000			20		1	23	24					BUSSED SPACE
RECEPTACLES	1,000			20		1	25	26					BUSSED SPACE
RECEPTACLES	1,000			20		1	27	28					BUSSED SPACE
RECEPTACLES	1,000			20		1	29	30					BUSSED SPACE
RECEPTACLES	1,000			20		1	31	32					BUSSED SPACE
RECEPTACLES	1,000			20		1	33	34					BUSSED SPACE
RECEPTACLES	400			20		1	35	36					BUSSED SPACE
RECEPTACLES	400			20		1	37	38					BUSSED SPACE
RECEPTACLES	400			20		1	39	40					BUSSED SPACE
SPARE				20		1	41	42					BUSSED SPACE
SUB TOTAL (VA)	10,336	9,364	8,964							0	0	0	SUB TOTAL (VA)
TOTAL LOAD PHASE A		10,336 (VA)											
TOTAL LOAD PHASE B		9,364 (VA)											
TOTAL LOAD PHASE C		8,964 (VA)											
TOTAL LOAD		28,664 (VA) =								80 AMP			

PANEL - RP1A													
TYPE: 125AMP MAIN LUG		AIC: 65,000 AMPERES			MOUNTED SURFACE				VOLTAGE: 120/208 VOLTS, 3 PHASE, 4 WIRE				
CIRCUIT DIRECTORY	(VA) PER PHASE			AMP	POLE	CIRCUIT NUMBER	AMP	POLE	(VA) PER PHASE			CIRCUIT DIRECTORY	
	PHASE A	PHASE B	PHASE C						PHASE A	PHASE B	PHASE C		
RECEPTACLES	800			20		1	4					900	MOTORIZED DOOR
RECEPTACLES	800			20		1	6					900	MOTORIZED DOOR
RECEPTACLES	1,000			20		1	8					900	MOTORIZED DOOR
RECEPTACLES	1,000			20		1	10					900	MOTORIZED DOOR
RECEPTACLES	1,000			20		1	12					900	MOTORIZED DOOR
RECEPTACLES	1,200			20		1	13	14		1,000		900	ELEV CAB
RECEPTACLES	1,200			20		1	15	16		1,000		900	ELEV CAB
REFRIGERATOR	1,200			20		1	17	18		1,000		900	WH1
RECEPTACLES	400			20		1	19	20					SPARE
RECEPTACLES	600			20		1	21	22					SPARE
RECEPTACLES	600			20		1	23	24					SPARE
RECEPTACLES	600												