

A

PANEL: CP  
VOLTAGE: 120/208V, 3P, 4W

**NOTE 1**

MAIN MOUNTING SURFACE BUS 100A

CIRCUIT USE	BREAKERS		LOAD (VA)			CKT #	LOAD (VA)			BREAKERS		CIRCUIT USE
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE	
RM RECEIPT	20	1	360			1	2	360	20	1	COMM AND UPS RM RECEIPT	
RM RECEIPT	20	1		360		3	4	400	20	1	ELEV PIT ALARM	
AUDIO/VISUAL CONS (KIOSK)	20	1			1200	5	6		20	1	DOOR OPERATOR	
MONITOR, CPU (KIOSK)	20	1	1200			7	8		20	1	SPARE	
REMOTE ALARM PANEL	20	1		300		9	10		20	1	SPARE	
SPARE	20	1			300	11	12		20	1	SPARE	
SPARE	20	1				13	14		20	1	SPARE	
SPARE	20	1				15	16		20	1	SPARE	
SPARE	20	1				17	18		20	1	SPARE	
SPARE	20	1				19	20		20	1	SPARE	
SPARE	20	1				21	22		20	1	SPARE	
SPARE	20	1				23	24		20	1	SPARE	
SPARE	20	1				25	26		20	1	SPARE	
SPARE	20	1				27	28		20	1	SPARE	
SPARE	20	1				29	30		20	1	SPARE	
SPARE	20	1				31	32		20	1	SPARE	
SPARE	20	1				33	34		20	1	SPARE	
SPARE	20	1				35	36		20	1	SPARE	
SPARE	20	1				37	38	100	20	1	EF-8	
SPARE	20	1				39	40	208	20	2	AC-1	
SPARE	20	1				41	42		20	1	SPARE	
TOTALS			1560	660	1500			460	608	408		

PHASE A: 2,020 VA  
PHASE B: 1,268 VA  
PHASE C: 1,908 VA  
TOTAL CONNECTED VA: 5,196 VA  
AMPS: 14 A CONNECTED  
1.25X AMPS: 18 A

(1) LOCKABLE BREAKER  
(2) GFCI PROTECTION ARTICLE 680 OF CEC  
(3) BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE  
(4) GFCI RECEPTACLE

PANEL: PP-EL  
VOLTAGE: 120/208V, 3P, 4W

**NOTE 1**

MAIN MOUNTING SURFACE BUS 150A

CIRCUIT USE	BREAKERS		LOAD (VA)			CKT #	LOAD (VA)			BREAKERS		CIRCUIT USE
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE	
ELEVATOR	90	3	5000			1	2	380	20	1	ELEVATOR RM LIGHTING	
				5000		3	4		20	1	SPARE	
					5000	5	6		20	1	PIT LTG AND RECEIPT	
SPARE	20	1				7	8		20	1	SPARE	
SILL HEATERS (2)	20	1		400		9	10		20	1	SPARE	
SPARE	20	1				11	12		20	1	SPARE	
SPARE	20	1				13	14	1666	20	3	ELEV. PIT HTR H-2	
SPARE	20	1				15	16	1666	20	3	ELEV. PIT HTR H-2	
SPARE	20	2				17	18		20	1	SPARE	
						19	20	360	20	1	ELEV. EQUIP. ROOM RECEPTACLE	
ELEV. EQUIP. ROOM AC-4	20	2		416		21	22	1,666	20	3	ELEV. EQUIP. ROOM HEATER H-2	
					416	23	24	1,666	20	3	ELEV. EQUIP. ROOM HEATER H-2	
SPARE	20	1				25	26	1667	20	1	SPARE	
SPARE	20	1				27	28		20	1	SPARE	
SPARE	20	1				29	30		20	1	SPARE	
TOTALS			5000	5816	5416			4073	3332	3583		

PHASE A: 9,073 VA  
PHASE B: 9,148 VA  
PHASE C: 8,999 VA  
TOTAL CONNECTED VA: 27,220 VA  
AMPS: 76 A CONNECTED  
1.25X AMPS: 95 A

(1) LOCKABLE BREAKER  
(2) GFCI PROTECTION ARTICLE 680 OF CEC  
(3) BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE  
(4) GFCI RECEPTACLE

PANEL: HP-1  
VOLTAGE: 120/208V, 3P, 4W

**NOTE 1**

MAIN MOUNTING SURFACE BUS 250A

CIRCUIT USE	BREAKERS		LOAD (VA)			CKT #	LOAD (VA)			BREAKERS		CIRCUIT USE
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE	
PLATFORM HEATER	40	3	3200			1	2	3200	40	3	PLATFORM HEATER	
				3200		3	4	3200				
					3200	5	6	3200				
SPARE	40	3	0			7	8	1600	20	1	HEAT TRACE #1	
				0		9	10	1500	20	1	HEAT TRACE #2	
					0	11	12	1600	20	1	HEAT TRACE #3	
STATION ENTRY HEATERS	40	3	3200			13	14	1500	20	2	KIOSK HEATER H-3	
				3200		15	16	1500				
					3200	17	18		20	1	SPARE	
WATER HEATER WH	50	2	1500			19	20		20	1	SPARE	
				1500		21	22		20	1	SPARE	
HEAT TRACE #4	20	1			1600	23	24		20	2	JANITORS CLOSET HEATER H-1	
HEAT TRACE #5	20	1	1600			25	26	1500				
HEAT TRACE #6	20	1			1600	27	28	1500	20	2	TOILET ROOM HEATER H-1	
HEAT TRACE #7	20	1			1600	29	30	1500				
SPARE	20	1				31	32	1500	20	2	UPS ROOM HEATER H-1	
SPARE	20	1				33	34	1500				
SPARE	20	1				35	36	1500	20	2	COMMUNICATION ROOM HEATER H-1	
ELECTRICAL ROOM HEATER H-4	20	3	1667			37	38	1500				
					1667	39	40					
					1667	41	42					
TOTALS			11167	11167	11267			10800	9300	9300		

PHASE A: 21,987 VA  
PHASE B: 20,467 VA  
PHASE C: 20,567 VA  
TOTAL CONNECTED VA: 63,001 VA  
AMPS: 175 A CONNECTED  
1.25X AMPS: 219 A

(1) LOCKABLE BREAKER  
(2) GFCI PROTECTION ARTICLE 680 OF CEC  
(3) BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE  
(4) GFCI RECEPTACLE

PANEL: LP-1  
VOLTAGE: 120/208V, 3P, 4W

**NOTE 1**

MAIN MOUNTING SURFACE BUS 200A

CIRCUIT USE	BREAKERS		LOAD (VA)			CKT #	LOAD (VA)			BREAKERS		CIRCUIT USE
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE	
ELEC. TOILET, JAN CL. RM. LTG	20	1	350			1	2	630	20	1	STATION LIGHTING	
WEST STAIR LIGHTING	20	1		210		3	4	630	20	1	STATION LIGHTING	
TOILET AND JAN CL. OUTLET	20	1			360	5	6	280	20	1	STATION LIGHTING	
OUTDOOR OUTLET	20	1	180			7	8	540	20	1	ELECTRICAL ROOM OUTLETS	
OUTDOOR LIGHTING	20	1		210		9	10	540	20	1	STATION OUTLETS	
EAST STAIR LIGHTING	20	1			210	11	12		20	1	VENDING	
ELEV/CTA SKU	20	1	900			13	14	1200	20	1	VENDING	
DAS	20	1		600		15	16	540	20	1	KIOSK RECEIPT	
AC-1, AC-2 COND. PUMP	20	1			400	17	18		20	1	SPARE	
DAS	20	1	600			19	20	1176	20	1	STATION EXHAUST FAN EF-1	
DMS	20	1		1200		21	22	100	20	1	UPS ROOM EXHAUST FAN EF-9	
DYNAMIC SCHEDULE SIGN	20	1			1000	23	24		20	1	TOILET ROOM EXHAUST FAN EF-6	
SPARE	20	1				25	26	100	20	1	JANITORS CLOSET EXHAUST FAN EF-5	
SPARE	20	1				27	28	2810	30	2	CONDENSER CU-1	
SPARE	20	1				29	30		20	1	SPARE	
SPARE	20	1				31	32		20	2	SPARE	
SPARE	20	1				33	34		20	1	SPARE	
ELEC. RM EXHAUST FAN EF-7	20	1			864	35	36		20	2	UPS ROOM AC-2	
STATION EXHAUST FAN EF-1	20	1	1176			37	38	208	20	2	KIOSK AC-3	
STATION EXHAUST FAN EF-2	20	1		1176		39	40	208	20	2	KIOSK AC-3	
STATION EXHAUST FAN EF-3	20	1			1176	41	42	208	20	2	KIOSK AC-3	
TOTALS			3206	3396	4010			3854	4828	4806		

PHASE A: 7 060 VA  
PHASE B: 8 224 VA  
PHASE C: 8 816 VA  
TOTAL CONNECTED VA: 24 100 VA  
AMPS: 67 A CONNECTED  
1.25X AMPS: 84 A

(1) LOCKABLE BREAKER  
(2) GFCI PROTECTION ARTICLE 680 OF CEC  
(3) BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE  
(4) GFCI RECEPTACLE

PANEL: FCEP  
VOLTAGE: 120/208V, 3P, 4W

**NOTE 1**

MAIN MOUNTING SURFACE BUS 60A

CIRCUIT USE	BREAKERS		LOAD (VA)			CKT #	LOAD (VA)			BREAKERS		CIRCUIT USE
	TRIP	POLE	A	B	C		A	B	C	TRIP	POLE	
SPARE	20	1				1	2	360	20	1	KIOSK RECEIPT	
SPARE	20	1				3	4	360	20	1	KIOSK RECEIPT	
SPARE	20	1				5	6	500	20	1	TURNS/STLE END CABINET	
SPARE	20	1				7	8	500	20	1	TURNS/STLE END CABINET	
SPARE	20	1				9	10	500	20	1	TURNS/STLE END CABINET	
SPARE	20	1				11	12	500	20	1	TURNS/STLE END CABINET	
SPARE	20	1				13	14	500	20	1	TURNS/STLE END CABINET	
SPARE	20	1				15	16	1000	20	1	VENTRA	
SPARE	20	1				17	18	1000	20	1	VENTRA	
SPARE	20	1				19	20		20	1	SPARE	
SPARE	20	1				21	22		20	1	SPARE	
SPARE	20	1				23	24		20	1	SPARE	
SPARE	20	1				25	26		20	1	SPARE	
SPARE	20	1				27	28		20	1	SPARE	
SPARE	20	1				29	30		20	1	SPARE	
SPARE	20	1				31	32		20	1	SPARE	
SPARE	20	1				33	34		20	1	SPARE	
SPARE	20	1				35	36		20	1	SPARE	
SPARE	20	1				37	38		20	1	SPARE	
CA- KIOSK	20	1		500		39	40		20	1	SPARE	
						41	42		20	1	SPARE	
TOTALS			0	500	0			1360	1860	2000		

PHASE A: 1 360 VA  
PHASE B: 2 360 VA  
PHASE C: 2 000 VA  
TOTAL CONNECTED VA: 5 720 VA  
AMPS: 16 A CONNECTED  
1.25X AMPS: 20 A

(1) LOCKABLE BREAKER  
(2) GFCI PROTECTION ARTICLE 680 OF CEC  
(3) BREAKERS FEEDING MECHANICAL, PLUMBING AND MOTORS TO BE OF HACR TYPE  
(4) GFCI RECEPTACLE

PANEL: EM  
VOLTAGE: 120V, 1P, 3W

**NOTE 1**

MAIN MOUNTING SURFACE BUS: 60 AMP 125 AMP

CIRCUIT USE	BREAKERS		LOAD (VA)	CKT #	LOAD (VA)		BREAKERS		CIRCUIT USE
	TRIP	POLE	A		A	TRIP	POLE		
ST									