

LIGHTING AND APPLIANCE PANELBOARD SCHEDULE

PANEL NAME: OEM TYPE: PRL2A CIRCUIT BREAKERS: BOLT ON PLUG ON 480 / 277 VOLTAGE 3 PH 4 W

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: AMPS BUS AMPS: 225

BRANCH BREAKERS

ROOM	ITEM	CIR. NO.	AMP	POLE	WIRE SIZE	LEFT PHASE LOAD			RIGHT PHASE LOAD			AMP	POLE	WIRE SIZE	CIR. NO.	DESCRIPTION	ROOM
						A	B	C	A	B	C						
015	EV-1 MOTOR	1	50	3	8	10,000			640			20	1	12	2	STAIR 1 LIGHTING	1
015	"	3	50	"	8		10,000		640			20	1	12	4	STAIR 2 LIGHTING	2
015	"	5	50	"	8			10,000		640		20	1	12	6	STAIR 3 LIGHTING	3
001	B NORTH CORRIDOR LIGHTING	7	20	1	12	590			1,026			20	1	12	8	1 NORTH CORRIDOR LIGHTING	107
010,012	HALL	9	20	1	12		270		580			20	1	12	10	VESTIBULE, CORRIDOR LIGHTING	116
208	2 NORTH CORRIDOR LIGHTING	11	20	1	12			1,026		224		20	1	12	12	MULTIPURPOSE LIGHTING (DF1)	111
222	CORRIDOR LIGHTING	13	20	1	12	874			550			20	1	12	14	LOBBY LIGHTING	110
211	COMMONS (DF1)	15	20	1	12		212		218			20	1	12	16	VESTIBULE LIGHTING	112
215	2 EAST CORRIDOR LIGHTING	17	20	1	12			1,026		1,026		20	1	12	18	1 EAST CORRIDOR LIGHTING	118
-	SCONCES EAST SIDE	19	20	1	12	208						20			20	SPACE	
-	SCONCES WEST SIDE	21	20	1	12		156					20			22	SPACE	
-	SPACE	23										20			24	SPACE	
-	SPACE	25										20			26	SPACE	
-	SPACE	27										20			28	SPACE	
-	SPACE	29										20			30	SPACE	
-	SPACE	31										20			32	SPACE	
-	SPACE	33										20			34	SPACE	
-	SPACE	35										20			36	SPACE	
-	SPACE	37										20			38	SPACE	
-	SPACE	39										20			40	SPACE	
-	SPACE	41										20			42	SPACE	
FEEDER ENTRY: <input type="checkbox"/> TOP <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> BOTTOM <input type="checkbox"/> HINGED <input type="checkbox"/> DOOR-IN-DOOR						11,672	10,638	12,052	2,216	1,438	1,890	TOTAL CONNECTED LOAD: 39906					
MOUNTING: <input type="checkbox"/> FLUSH <input type="checkbox"/> SURFACE <input type="checkbox"/> SURFACE W/ SKIRT ABOVE <input type="checkbox"/> SURFACE W/ SKIRT BELOW						13,888	12,076	13,942	TOTAL AMPS/PHASE			SHORT CIRCUIT RATING: <input checked="" type="checkbox"/> SERIES - RATED <input type="checkbox"/> FULLY - RATED					
						29	25	29	TOTAL AMPS/PHASE			10,000 AMPS RMS SYM					

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PANEL NAME: OEM1 TYPE: PRL2A CIRCUIT BREAKERS: BOLT ON PLUG ON 120 / 208 VOLTAGE 3 PH 4 W

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% LUGS: MAIN SUB-FEED FEED-THROUGH MAIN BREAKER: AMPS BUS AMPS: 225

BRANCH BREAKERS

ROOM	ITEM	CIR. NO.	AMP	POLE	WIRE SIZE	LEFT PHASE LOAD			RIGHT PHASE LOAD			AMP	POLE	WIRE SIZE	CIR. NO.	DESCRIPTION	ROOM
						A	B	C	A	B	C						
1	STAIR 1 RECEPTACLES	1	20	1	12	900						20	1	12	2	SPARE	
2	STAIR 2 RECEPTACLES	3	20	1	12		900					20	1	12	4	SPARE	
3	STAIR 3 RECEPTACLES	5	20	1	12			900				20	1	12	6	SPARE	
013	RACK 1 IT ROOM	7	20	1	12	2000						20	1	12	8	SPARE	
013	RACK 2 IT ROOM	9	20	1	12		2000					20	1	12	10	SPARE	
013	RACK 3 IT ROOM	11	20	1	12			2000				20	1	12	12	SPARE	
013	ACCES PANEL 1	13	20	1	12	500						20	1	12	14	SPARE	
013	ACCES PANEL 2	15	20	1	12		500					20	1	12	16	SPARE	
013	ACCES PANEL 3	17	20	1	12			500				20	1	12	18	SPARE	
015	ELEVATOR LIGHTING DISCONNECT	19	20	1	12	1600						20			20	SPACE	
-	SPACE	21										20			22	SPACE	
-	SPACE	23										20			24	SPACE	
-	SPACE	25										20			26	SPACE	
-	SPACE	27										20			28	SPACE	
-	SPACE	29										20			30	SPACE	
-	SPACE	31										20			32	SPACE	
-	SPACE	33										20			34	SPACE	
-	SPACE	35										20			36	SPACE	
-	SPACE	37										20			38	SPACE	
-	SPACE	39										20			40	SPACE	
-	SPACE	41										20			42	SPACE	
FEEDER ENTRY: <input type="checkbox"/> TOP <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> BOTTOM <input type="checkbox"/> HINGED <input type="checkbox"/> DOOR-IN-DOOR						5000	3400	3400	TOTAL CONNECTED LOAD: 11800								
MOUNTING: <input type="checkbox"/> FLUSH <input type="checkbox"/> SURFACE <input type="checkbox"/> SURFACE W/ SKIRT ABOVE <input type="checkbox"/> SURFACE W/ SKIRT BELOW						5000	3400	3400	TOTAL AMPS/PHASE			SHORT CIRCUIT RATING: <input checked="" type="checkbox"/> SERIES - RATED <input type="checkbox"/> FULLY - RATED					
						42	28	28	TOTAL AMPS/PHASE			10,000 AMPS RMS SYM					

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BRANCH BREAKERS

ROOM	ITEM	CIR. NO.	AMP	POLE	WIRE SIZE	LEFT PHASE LOAD			RIGHT PHASE LOAD			AMP	POLE	WIRE SIZE	CIR. NO.	DESCRIPTION	ROOM
						A	B	C	A	B	C						
	TREND SOUTH SIDE LIGHTING	1	20	1	12	260			372			20	1	12	2	MULTIPURPOSE LIGHTING (SAS)	111
	SCONCES WEST SIDE EXTERIOR	3	20	1	12		130			168		20	1	12	4	MULTIPURPOSE LIGHTING (WS1)	111
	TREND EAST SIDE LIGHTING	5	20	1	12			104		558		20	1	12	6	COMMONS LIGHTING (SAS)	211
	VOLEYBALL AREA LIGHTING	7	20	1	12	450			160			20	1	12	8	COMMONS LIGHTING (DF1)	211
	RETENTION BASIN LIGHTING	9	20	1	12		880			78		20	1	12	10	2ND FLOOR BALCONY SCONCES	-
	100 EAST LIGHTING	11	20	1	12							20	1	12	12	SPARE	
	100 NORTH LIGHTING	13	20	1	12	450		450				20	1	12	14	SPARE	
	200 EAST PARKING LOT LIGHTING	15	20	1	12		700					20	1	12	16	SPARE	
	200 NORTH PARKING LOT LIGHTING	17	20	1	12			840				20	1	12	18	SPACE	
	SPACE	19										20			20	SPACE	
	SPACE	21										20			22	SPACE	
	SPACE	23										20			24	SPACE	
	SPACE	25										20			26	SPACE	
	SPACE	27										20			28	SPACE	
	SPACE	29										20			30	SPACE	
	SPACE	31										20			32	SPACE	
	SPACE	33										20			34	SPACE	
	SPACE	35										20			36	SPACE	
	SPACE	37										20			38	SPACE	
	SPACE	39										20			40	SPACE	
	SPACE	41										20			42	SPACE	
FEEDER ENTRY: <input type="checkbox"/> TOP <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> BOTTOM <input type="checkbox"/> HINGED <input type="checkbox"/> DOOR-IN-DOOR						1,160	1,710	1,394	532	246	558	TOTAL CONNECTED LOAD: 5600					
MOUNTING: <input type="checkbox"/> FLUSH <input type="checkbox"/> SURFACE <input type="checkbox"/> SURFACE W/ SKIRT ABOVE <input type="checkbox"/> SURFACE W/ SKIRT BELOW						1,692	1,956	1,952	TOTAL AMPS/PHASE			SHORT CIRCUIT RATING: <input checked="" type="checkbox"/> SERIES - RATED <input type="checkbox"/> FULLY - RATED					
						4	4	4	TOTAL AMPS/PHASE			10,000 AMPS RMS SYM					

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						A	B	C	A	B	C						
GEN	GENERATOR BLOCK HEATER	1	20	1	12	1500			600			20	1	12	2	FACP	014
GEN	GENERATOR BATTERY CHARGER	3	20	1	12		1000			600		20	1	12	4	FAPS1	014
GEN	GENERATOR GFCI	5	20	1	12			180		128		20	1	12	6	SUITE LIGHTING	041
014,15,16	ELECT, STOR, ELEV	7	20	1	12	720			128			20	1	12	8	STUDY LIGHTING	05,06
012	HALL	9	20	1	12		1440			128		20	1	12	10	SUITE LIGHTING	042
011,046	MECH, STOR QUAD	11	20	1	12			720		128		20	1	12	12	STUDY/LAUNDRY LIGHTING	02,03
004	ELEVATOR, IT ROOM	13	20	1	12	360			128			20	1	12	14	SUITE LIGHTING	043
01,04,07	CORRIDOR	15	20	1	12		1260			128		20	1	12	16	STOR LIGHTING	044
014,016	ELECT, STOR LIGHTING	17	20	1	12			384		128		20	1	12</			