1/16"=1' 5 0 10 20 30 40ft 1/8"=1' 5 0 5 10 15 20ft 1/4"=1' 2 0 2 4 6 8 10ft 1/2"=1' 1 0 1 2 3 4 5ft 3/4"=1' 1 0 1 2 3ft 1"=1' 1 0 1 2ft 1 1/2"=1' 0 1 2ft 3"=1' 0 1ft

If this sheet is less than 30"x42" in size, it has been reduced. Graphic scales must be adjusted accordingly.

MDP2 400A, 480Y/277V, 3 PHASE, 4 WIRE, 42 KAIC — SEE ONE-LINE DRAWING
CONNECTED LOAD 68 KVA 82 AMPS

PANEL No. GLP2A

(DOUBLE PANEL WITH GLP2B)

BUS 225A
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 480Y/277V
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL ROOM
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#8, 1#8G	1"	LTS – Level 1 – TYPE A1	1552			1	20	1	x	2	1	20	1552			LTS – Level 2 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1 – TYPE A1		873		1	20	3	x	4	1	20		776		LTS – Level 2 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1 – TYPE A1			1164	1	20	5	x	6	1	20			1164	LTS – Level 2 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1 – TYPE A1	679			1	20	7	x	8	1	20	679			LTS – Level 2 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1 – TYPE A1		485		1	20	9	x	10	1	20		485		LTS – Level 2 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1 – TYPE A1			388	1	20	11	x	12	1	20			388	LTS – Level 2 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 3 – TYPE A1	1164			1	20	13	x	14	1	20	1164			LTS – Level 4 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 3 – TYPE A1		776		1	20	15	x	16	1	20		776		LTS – Level 4 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 3 – TYPE A1			1164	1	20	17	x	18	1	20			679	LTS – Level 4 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 3 – TYPE A1	679			1	20	19	x	20	1	20	679			LTS – Level 4 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 3 – TYPE A1		485		1	20	21	x	22	1	20		485		LTS – Level 4 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 3 – TYPE A1			388	1	20	23	x	24	1	20			388	LTS – Level 4 – TYPE A1	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS– Level 5 – TYPE B'S				1	20	25	x	26	1	20	448			LTS – RMS – 104,106, & 107	1"	2#10, 1#10G
2#8, 1#8G	1"	LTS– Level 5 – TYPE B'S				1	20	27	x	28	2	30		720		EQUIP – SITE LIGHTING		3#8,1#8G
2#8, 1#8G	1"	LTS– Level 5 – TYPE B'S				1	20	29	x	30	2	30			720			
2#8, 1#8G	1"	EQUIP – AUTO DOORS LVL 2&3	2000			1	20	31	x	32	2	30	720			EQUIP – SITE LIGHTING		3#8,1#8G
2#8, 1#8G	1"	EQUIP – AUTO DOORS LVL 4&5		2000		1	20	33	x	34				720				
		SPARE				1	20	35	x	36	1	30				SPARE		
		SPARE				1	20	37	x	38	1	20				SPARE		
		SPARE				1	20	39	x	40	1	20				SPARE		
		SPARE				1	20	41	x	42	1	20				LTS – CONTACTOR	1"	2#10, 1#10G
		TOTAL 1	6074	4619	3104					TOTAL 2			5242	3962	3339			
		TOTAL 2	5242	3962	3339													
		TOTAL 1 + 2	11316	8581	6443													

CONN. LOAD TOTAL 26340
AMPERES 32
#A AMPERES 41

NOTE:
FOR LIGHTING CIRCUITS RUN #8 WIRES FROM PANEL TO RISER JUCTION BOX ON LEVEL WHERE LIGHT FIXTURES ARE LOCATED. RUN #10 WIRE FROM JUNCTION BOX TO LIGHT FIXTURES.

MAIN BREAKER N/A
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS 225A
ENCLOSURE TYPE NEMA 1
ACCESSORIES

PANEL No. GLP2B

(DOUBLE PANEL WITH GLP2A)

BUS 225A
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 480Y/277V
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL ROOM
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#8, 1#8G	1"	LTS – Level 1&2 – PERIMETER	776			1	20	1	x	2	1	20	776			LTS – Level 3&4 – PERIMETER	11"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1&2 – PERIMETER	1	582		1	20	3	x	4	1	20		582		LTS – Level 3&4 – PERIMETER	11"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1&2 – PERIMETER	2		194	1	20	5	x	6	1	20			194	LTS – Level 3&4 – PERIMETER	21"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1&2 – PERIMETER	394			1	20	7	x	8	1	20	388			LTS – Level 3&4 – PERIMETER	21"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1&2 – PERIMETER	3	194		1	20	9	x	10	1	20		388		LTS – Level 3&4 – PERIMETER	31"	2#8, 1#8G
2#8, 1#8G	1"	LTS – Level 1&2 – PERIMETER	3		388	1	20	11	x	12	1	20			194	LTS – Level 3&4 – PERIMETER	31"	2#8, 1#8G
		SPARE				1	20	13	x	14	1	20	364			LTS – BOLLARDS – SBL		
		SPARE				1	20	15	x	16	1	20		779		LTS – CANOPY – PC	1"	2#8, 1#8G
		SPARE				1	20	17	x	18	1	20			962	LTS – CANOPY – PC	1"	2#8, 1#8G
		SPARE				1	20	19	x	20	1	20	1000			LTS – CANOPY – PC	1"	2#8, 1#8G
		SPARE				1	20	21	x	22	1	20		1000		LTS – CANOPY – E	1"	2#8, 1#8G
2#12, 1#12G	3/4"	LTS – CONTROL LC2			500	1	20	23	x	24	1	20				SPARE		
		SPARE				1	20	25	x	26	1	20				SPARE		
		SPARE				1	20	27	x	28	1	20				SPARE		
		SPARE				1	20	29	x	30	1	20				SPARE		
		SPARE				1	20	31	x	32	1	20				SPARE		
		SPARE				1	20	33	x	34	1	20				SPARE		
2#10, 1#10G	3/4"	MECH – EF-3 – STAIR			1130	1	20	35	x	36	1	30				SPARE		
			480					37	x	38	1	20				SPARE		
4#10, 1#10G	3/4"	MECH – EF-2 – TOWER		480		3	20	39	x	40	1	20				SPARE		
					480			41	x	42	1	20				SPARE		
		TOTAL 1	1450	1256	2692					TOTAL 2			2528	2749	1350			
		TOTAL 2	2528	2749	1350													
		TOTAL 1 + 2	3978	4005	4042													

CONN. LOAD TOTAL 12025
AMPERES 14

NOTE:
FOR LIGHTING CIRCUITS RUN #8 WIRES FROM PANEL TO RISER JUNCTION BOX ON LEVEL WHERE LIGHT FIXTURES ARE LOCATED. RUN #10 WIRE FROM JUNCTION BOX TO LIGHT FIXTURES.

MAIN BREAKER N/A
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS 225A
ENCLOSURE TYPE NEMA 1
ACCESSORIES

PANEL No. PP2A

BUS 125A
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 208Y/120V
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL ROOM
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#10, 1#10G	3/4"	RECP – LVLS 1–5 COL 7, H	900			1	20	1	x	2	1	20	1080			RECP – STAIRS ALL LEVELS	3/4"	2#12, 1#12G
2#10, 1#10G	3/4"	RECP – LVLS 1–5 COL 7, G		900		1	20	3	x	4	1	20		900		RECP – ELEV. ALL LEVELS	3/4"	2#12, 1#12G
2#10, 1#10G	3/4"	RECP – LVLS 1–5 COL 7, F			900	1	20	5	x	6	1	20			360	RECP – ELECTRICAL ROOM	3/4"	2#12, 1#12G
2#10, 1#10G	3/4"	RECP – LVLS 1–5 COL 1, G	900			1	20	7	x	8	1	20	720			RECP – RM 105&107	3/4"	2#12, 1#12G
2#10, 1#10G	3/4"	RECP – LVLS 1–5 COL 13, F		900		1	20	9	x	10	1	20		1080		RECP – ELEV. LOBBY ALL LEVELS	3/4"	2#12, 1#12G
2#10, 1#10G	3/4"	MECH – EF-1 9 ELEV. RM			420	1	20	11	x	12	1	20			720	RECP – RM 104	3/4"	2#12, 1#12G
2#10, 1#10G	3/4"	RECP – ROOF	180			1	20	13	x	14	2	30	720			EQUIP – SITE LIGHTING		3#8,1#8G
		SPARE				1	20	15	x	16				720				
		SPARE				1	20	17	x	18	2	30			720	EQUIP – SITE LIGHTING		3#8,1#8G
		SPARE				1	20	19	x	20	2	30	720					
		SPARE					20	21	x	22	1	20				SPARE		
		SPARE				1	20	23	x	24	1	20				SPARE		
		SPARE				1	20	25	x	26	1	20				SPARE		
		SPARE				1	20	27	x	28	1	20				SPARE		
		SPARE				1	20	29	x	30	1	20				SPARE		
		TOTAL 1	1980	1800	1320					TOTAL 2			3240	2700	1800			
		TOTAL 2	3240	2700	1800													
		TOTAL 1 + 2	5220	4500	3120													

CONN. LOAD TOTAL 12840
AMPERES 36
#A AMPERES 44

MAIN BREAKER 100A/3P
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS N/A
ENCLOSURE TYPE NEMA 1
ACCESSORIES

LIGHTING CONTROL SCHEDULE

FIXTURE ID	LOCATION	CIRCUIT	RELAY	CONTROLS OTHER	ASTRO TIME	PHOTOCELL	TIMER
A1	PERIMETER	GLP2B-1	01			YES	
A1	PERIMETER	GLP2B-3	02			YES	
A1	PERIMETER	GLP2B-5	03			YES	
A1	PERIMETER	GLP2B-7	04			YES	
A1	PERIMETER	GLP2B-9	05			YES	
A1	PERIMETER	GLP2B-11	06			YES	
A1	PERIMETER	GLP2B-2	07			YES	
A1	PERIMETER	GLP2B-4	08			YES	
A1	PERIMETER	GLP2B-6	09			YES	
A1	PERIMETER	GLP2B-8	10			YES	
A1	PERIMETER	GLP2B-10	11			YES	
A1	PERIMETER	GLP2B-12	12			YES	
B'S	LEVEL 5	GLP2A-25	13		YES	YES	
B'S	LEVEL 5	GLP2A-27	14		YES	YES	
B'S	LEVEL 5	GLP2A-29	15		YES	YES	
SBL	BOLLARDS	LS2-14	16		YES	YES	
PC-PD	CANOPY	LS2-16	17		YES	YES	
PC-PD	CANOPY	LS2-18	18		YES	YES	
			19				YES
			20				YES
			21				YES
			22				YES
			23				YES
			24				YES

LIGHTING CONTROL SCHEDULE

FIXTURE ID	LOCATION	CIRCUIT	RELAY	CONTROLS OTHER	ASTRO TIME	PHOTOCELL	TIMER
A1	LEVEL 1	GLP2A-1	01				YES
A1	LEVEL 1	GLP2A-3	02				YES
A1	LEVEL 1	GLP2A-5	03				YES
A1	LEVEL 1	GLP2A-7	04				YES
A1	LEVEL 1	GLP2A-9	05				YES
A1	LEVEL 1	GLP2A-11	06				YES
A1	LEVEL 2	GLP2A-2	07				YES
A1	LEVEL 2	GLP2A-4	08				YES
A1	LEVEL 2	GLP2A-6	09				YES
A1	LEVEL 2	GLP2A-8	10				YES
A1	LEVEL 2	GLP2A-10	11				YES
A1	LEVEL 2	GLP2A-12	12				YES
A1	LEVEL 3	GLP2A-13	13				YES
A1	LEVEL 3	GLP2A-15	14				YES
A1	LEVEL 3	GLP2A-17	15				YES
A1	LEVEL 3	GLP2A-19	16				YES
A1	LEVEL 3	GLP2A-21	17				YES
A1	LEVEL 3	GLP2A-23	18				YES
A1	LEVEL 4	GLP2A-14	19				YES
A1	LEVEL 4	GLP2A-16	20				YES
A1	LEVEL 4	GLP2A-18	21				YES
A1	LEVEL 4	GLP2A-20	22				YES
A1	LEVEL 4	GLP2A-22	23				YES
A1	LEVEL 4	GLP2A-24	24				YES

EDP2 400A, 480Y/277V, 3 PHASE, 4 WIRE, 42 KAIC — SEE ONE-LINE DRAWING
CONNECTED LOAD 125 KVA 150 AMPS

PANEL No. ELP2

BUS
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 208Y/120V
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL ROOM
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#12, 1#12G	3/4"	SURVEILLANCE – POWER SUPPLY	300			1	20	1	x	2	1	20	300			SCREAM DETECTOR SYSTEM	3/4"	2#12, 1#12G
2#12, 1#12G	3/4"	SURVEILLANCE – RECORDER		180		1	20	3	x	4	1	20		1500		CODE BLUE PHONES	3/4"	2#12, 1#12G
2#12, 1#12G	3/4"	SIGNS ENTRANCE			176	1	20	5		6	1	20				EQUIP – CONTROL GATE *	1"	2#12, 1#12G
2#12, 1#12G	3/4"	SIGNS – STAIR TOWER	440			1	20	7	x	8	1	20				EQUIP – CONTROL GATE *	1"	2#12, 1#12G
		SPARE				1	20	9	x	10	1	20				EQUIP – CONTROL GATE *	1"	2#12, 1#12G
		SPARE				1	20	11		12	1	20				EQUIP – CONTROL GATE *	1"	2#12, 1#12G
		SPARE				1	20	13	x	14	1	20				SPARE		
		SPARE				1	20	15	x	16	1	20				SPARE		
		SPARE				1	20	17	x	18	1	20				SPARE		
		TOTAL 1	740	180	176					TOTAL 2			300	1500	0			
		TOTAL 2	300	1500	0													
		TOTAL 1 + 2	1040	1680	176													

CONN. LOAD TOTAL 2896
AMPERES 8

NOTE:
FOR LIGHTING CIRCUITS RUN #8 WIRES FROM PANEL TO RISER JUCTION BOX ON LEVEL WHERE LIGHT FIXTURES ARE LOCATED. RUN #10 WIRE FROM JUNCTION BOX TO LIGHT FIXTURES.

MAIN BREAKER N/A
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS 225A
ENCLOSURE TYPE NEMA 1
ACCESSORIES
* CONFIRM ELECTRICAL REQUIREMENTS FOR GATES

PANEL No. HTP2

(FEEDS HEAT TRACE ON FLOOR DRAIN PIPES)
FURNISHED BY DIVISION 15
INSTALLED BY DIVISION 16

BUS 100A
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 480Y/277v
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL ROOM
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#10, 1#12G	3/4"	HEAT TRACE – COL	1500			1	20	1	x	2	1	20	1500			HEAT TRACE – COL	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	HEAT TRACE – COL		1500		1	20	3	x	4	1	20		1500		HEAT TRACE – COL	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	HEAT TRACE – COL			1500	1	20	5	x	6	1	20			1500	HEAT TRACE – COL	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	HEAT TRACE – COL	1500			1	20	7	x	8	1	20	1500			HEAT TRACE – COL	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	HEAT TRACE – COL		1500		1	20	9	x	10	1	20		1500		GUTTER HEAT CKT	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	GUTTER HEAT CKT			1500	1	20	11	x	12	1	20			1500	GUTTER HEAT CKT	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	GUTTER HEAT CKT	1500			1	20	13	x	14	1	20	1500			HEAT TRACE – DRAINS	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	GUTTER HEAT CKT		1500		1	20	15	x	16	1	20		1500		HEAT TRACE – SNOWMELT	3/4"	2#10, 1#12G
2#10, 1#12G	3/4"	GUTTER HEAT CKT			1500	1	20	17	x	18	1	20			1500	HEAT TRACE – SNOWMELT	3/4"	2#10, 1#12G
		SPARE				1	20	19	x	20	1	20	1500			HEAT TRACE – SNOWMELT	3/4"	2#10, 1#12G
		SPARE				1	20	21	x	22	1	20		1500		HEAT TRACE – SNOWMELT	3/4"	2#10, 1#12G
		SPARE				1	20	23	x	24	1	20			1500	HEAT TRACE – SNOWMELT	3/4"	2#10, 1#12G
		SPARE				1	20	25	x	26	1	20				SPARE		
		SPARE				1	20	27	x	28	1	20				SPARE		
		SPARE				1	20	29	x	30	1	20				SPARE		
		TOTAL 1	4500	4500	4500					TOTAL 2			6000	6000	6000			
		TOTAL 2	6000	6000	6000													
		TOTAL 1 + 2	10500	10500	10500													

CONN. LOAD TOTAL 31500
AMPERES 38

MAIN BREAKER 60A/3P
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS N/A
ENCLOSURE TYPE NEMA 1
ACCESSORIES
NOTE: ALL HEAT TRACE BREAKERS TO BE GFCI (30mA) TYPE.

LSDP2 400A, 480Y/277V, 3 PHASE, 4 WIRE, 42 KAIC — SEE ONE-LINE DRAWING
CONNECTED LOAD 160 KVA 192 AMPS

PANEL No. LS2

BUS 125A
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 480Y/277V
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL CLOSET
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#8, 1#8G	1"	LTS – LEVEL 1	1824			1	20	1	x	2	1	20	3410			LTS – LEVEL 2	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – LEVEL 3		1056		1	20	3	x	4	1	20		3410		LTS – LEVEL 4	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – LEVEL 1 & 2 PEDS			1056	1	20	5	x	6	1	20				LTS – LEVEL 5	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – LEVEL 1 & 2 PEDS	1056			1	20	7	x	8	1	20				SPARE		
2#8, 1#8G	1"	LTS – LEVEL 3 & 4 PEDS		1056		1	20	9	x	10	1	20				LTS – STAIRS	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – LEVEL 3 & 4 PEDS			1056	1	20	11	x	12	1	20				LTS – ELEVATOR LOBBY	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – LEVEL 5 PEDS	2750			1	20	13	x	14	1	20	364			LTS – BOLLARDS	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – ELVATOR SHAFTS		750		1	20	15	x	16	1	20		779		LTS – CANOPY	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS – EXITS			200	1	20	17	x	18	1	20			962	LTS – CANOPY	1"	2#8, 1#8G
2#8, 1#8G	1"	LTS C4	576			1	20	19	x	20	1	20				LTS – CANOPY	1"	2#8, 1#8G
		SPARE				1	20	21	x	22	1	20				LTS – CANOPY	1"	2#8, 1#8G
		SPARE				1	20	23	x	24	1	20			100	LTS– CONTROLER LC2B	1"	2#12, 1#12G
			5000					25	x	26	1	20				SPARE		
SEE ONE-LINE		TRANSFORMER T2-LS		5000		3	50	27	x	28	1	20				SPARE		
					5000			29	x	30	1	20				SPARE		
								31	x	32								
								33	x	34								
								35	x	36								
		TOTAL 1	11206	7862	7312					TOTAL 2			3774	4189	1062			
		TOTAL 2	3774	4189	1062													
		TOTAL 1 + 2	14980	12051	8374													

CONN. LOAD TOTAL 35405
AMPERES 43

NOTE:
FOR LIGHTING CIRCUITS RUN #8 WIRES FROM PANEL TO RISER JUCTION BOX ON LEVEL WHERE LIGHT FIXTURES ARE LOCATED. RUN #10 WIRE FROM JUNCTION BOX TO LIGHT FIXTURES.

MAIN BREAKER N/A
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS 225A
ENCLOSURE TYPE NEMA 1
ACCESSORIES

PANEL No. LS2A

BUS 125A
PANEL RATING 22 KAIC
SUPPLY VOLTAGE 208Y/120V
SERVICE 3 PHASE, 4 WIRE

LOCATION ELECTRICAL CLOSET
MOUNTING SURFACE
DRAWING No. E1-1

WIRING WIRE	WIRING COND	DESCRIPTION	VA OR W ØA	ØB	ØC	BREAKER POLE	A	CKT. NO	BUS COND	CKT. NO	BREAKER POLE	A	VA OR W ØA	ØB	ØC	DESCRIPTION	WIRING COND	WIRING WIRE
2#10, 1#10G	3/4"	FIRE ALARM – POWER SUPPLIES	1440			1	20	1	x	2	1	20	765			LTS – ELVATOR SHAFTS	1"	2#8, 1#8G
2#10, 1#10G	3/4"	FIRE ALARM – POWER SUPPLIES		1440		1	20	3	x	4	1	20				SPARE		
2#10, 1#10G	3/4"	FIRE ALARM – POWER SUPPLIES			1440	1	20	5	x	6	1	20				SPARE		
		SPARE				1	20	7	x	8	1	20				SPARE		
		SPARE				1	20	9	x	10	1	20				SPARE		
		SPARE				1	20	11	x	12	1	20				SPARE		
		SPARE				1	20	13	x	14	1	20				SPARE		
		SPARE				1	20	15	x	16	1	20				SPARE		
		SPARE				1	20	17	x	18	1	20				SPARE		
		TOTAL 1	1440	1440	1440					TOTAL 2			765	0	0			
		TOTAL 2	765	0	0													
		TOTAL 1 + 2	2205	1440	1440													

CONN. LOAD TOTAL 5085
AMPERES 14

MAIN BREAKER 100A/3P
FEEDER ENTRANCE TOP/BOTTOM
FEEDER SIZE SEE ONE-LINE
SOURCE SEE ONE-LINE
PANEL TYPE BOLT-ON

MAIN LUGS N/A
ENCLOSURE TYPE NEMA 1
ACCESSORIES

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CONFORMED SET FOR FIELD USE

CITY OF PORTLAND
PORTLAND, MAINE

DEPARTMENT OF WATERFRONT AND TRANSPORTATION

PORTLAND INTERNATIONAL JETPORT

PHASE II
PARKING GARAGE

1001 WESTBROOK ST.,
PORTLAND, MAINE

No.	Date	Revision

Title
PANEL SCHEDULES

Scale AS SHOWN
File Name
Drawn By MLC
Checked By WRH
Job No. 195210126
Date 11/16/07

STATE OF MAINE — WILLIAM R. HICKS — 4/1/1958 — LICENSED PROFESSIONAL ENGINEER

Drawing No.
E4-0