

### LUMINAIRE SCHEDULE

ITEM	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT WATTS	VOLTS	QUANTITY
A		(3) T8 Fluorescent	2 X 4 Parabolic	ELECTRONIC	RECESSED GRID	Lithonia #2PMO G B 3 32 27LD Mvolt 1/1 & 1/2 GEB LPB35	86	277V 1P 2W	23
B		(3) T8 Fluorescent	2 X 4 Troffer	ELECTRONIC	RECESSED PLASTER	Lithonia #2GTB F 3 32 A12125 Mvolt 1/1 & 1/2 GEB LPB35	86	277V 1P 2W	3
C		(2) T8 Fluorescent	1 x 4 Troffer	ELECTRONIC	RECESSED	Lithonia #SPB-G-2-32-A12125-277-GEB-LPB35	60	277V 1P 2W	3
D		(1) A19 Med 100W/W	Weatherproof globe & guard mounted on rooftop HVAC unit.		SURFACE	RAB #XBR100DG-3/4	100	120V 1P 2W	1
F		(2) 60W A19	Mirror Fixture		WALL	Sea Gull Lighting #4452-15	120	120V 1P 2W	2
J		(1) 100 HPS	Mini Wall Pack	High power factor	SURFACE	Lithonia #TWA 100S TB SF XHP PE LP	115	277V 1P 2W	4
K		(1) 320 MH	Highbay 16' AFF to bottom.	SCWA	POWERHOOK	Lithonia #TH 320MP A16 TB SF LOPP PPH (LEG 3, SC=1.8)	365	277V 1P 2W	13
S		(2) 1000W HPS	Double pole-mounted floodlight	AUTOTRANSFORMER	35' POLE	DAYRITE #FL10XMT-ISF-RB2-208 DAYRITE #RTS-8-35-G11-T24-DSF	2160	480V 2P 2W	5
T		(1) 175 MH	Truck Light	HIGH POWER FACTOR	SURFACE	Lumark #MHSF-T-175H-277V-LL	200	277V 1P 2W	2
W		(2) 96HO	Fluorescent Shop Light	ELECTRONIC	SUSPENDED	Lithonia #EJD 296 HO MVOLT GEB10RS	210	277V 1P 2W	5
W (FUTURE)		(2) 96HO	Fluorescent Shop Light	ELECTRONIC		Owner Furnished	210	277V 1P 2W	16
X		(0) LED	Exit Sign	NONE	SURFACE	Lithonia #LE S W 1 R 120/277	2	277V 1P 2W	6
Y		(2) 12W 6V	Emergency Light Battery Unit (with remote head if shown)	ELECTRONIC	SURFACE	Lithonia #ELT50 W H1212 TD N	20	277V 1P 2W	6

### SYMBOL LEGEND

- RECESSED DOWN LIGHT. SEE FIXTURE SCHEDULE.
- RECESSED 2'x4' FLUORESCENT LIGHT. SEE FIXTURE SCHEDULE.
- SUSPENDED 1'x4' FLUORESCENT LIGHT. SEE FIXTURE SCHEDULE.
- WALL MOUNTED LIGHT. SEE FIXTURE SCHEDULE.
- POLE MOUNTED LIGHT. SEE FIXTURE SCHEDULE.
- TRACK LIGHT WITH FIXTURE HEADS. SEE FIXTURE SCHEDULE.
- WALL MOUNTED LIGHT. SEE FIXTURE SCHEDULE.
- EXIT SIGN, SINGLE FACE. SEE FIXTURE SCHEDULE.
- EXIT SIGN, DOUBLE FACE. SEE FIXTURE SCHEDULE.
- FIXTURE ON "NL" OR EMERGENCY CIRCUIT.
- NOTE: LOWER CASE LETTER(S) INDICATE SWITCHING CIRCUIT.
- CONDUIT UP
- CONDUIT DOWN
- CONDUIT, CONCEALED
- CONDUIT, EXPOSED
- CONDUIT OR CABLE, FLEXIBLE
- CONDUIT, STUBBED AND CAPPED
- CONDUIT, UNDERGROUND IN DUCT BANK
- HASH MARKS INDICATE QUANTITY OF WIRE. NUMBER INDICATES SIZE OF WIRE OTHER THAN #12. UNMARKED CONDUITS TO CONTAIN 2 #12 PLUS GROUND WIRE UNO. A-1 INDICATES PANEL AND CIRCUIT DESIGNATION.
- SWITCH, FLUSH MOUNTED AT 48" UNLESS NOTED OTHERWISE.
- SWITCH, THREE-WAY
- SWITCH, DIMMER
- SWITCHES, GANGED. NUMBER INDICATES NUMBER OF SWITCHES. LOWER CASE LETTERS INDICATE SWITCHING CIRCUITS.
- MANUAL MOTOR STARTER
- PUSHBUTTON STATION AT 54" AFF.
- JUNCTION BOX, STANDARD WORK BOX
- PULL OR JUNCTION BOX. NUMBERS INDICATE HEIGHT, WIDTH AND DEPTH
- MOTOR, 120 VOLT, SINGLE PHASE
- MOTOR, 480 VOLT, THREE PHASE
- TRANSFORMER, NUMBER INDICATES SIZE
- GROUND ROD, "W" INDICATES GROUND WELL
- GROUND PIT FOR LIGHTNING PROTECTION
- GROUND BAR
- PANEL, SURFACE, 120/208 VOLT, 3ø, 4W
- PANEL, SURFACE, 277/480 VOLT, 3ø, 4W
- DISCONNECT SWITCH. NUMBER INDICATES SIZE. "F" INDICATES FUSED.
- STARTER, NUMBER INDICATES SIZE
- COMBINATION STARTER, NUMBER INDICATES SIZE
- PHOTOCELL
- TIMER CONTROL. INTERMATIC #T101, STSP, 125V, 40A.
- EXIT DOOR ALARM
- CO GAS SYSTEM SENSOR/TRANSMITTER
- CO GAS SYSTEM ANNUNCIATOR
- DATA JACK, WALL MOUNTED AT 18" AFF UNO, W/ BACK BOX AND 3/4" CONDUIT W/ PULL WIRE STUBBED ABOVE CEILING.
- TELEPHONE BACKBOARD
- RECEPTACLE, SIMPLEX. SEE BELOW FOR TYPE.
- RECEPTACLE, DUPLEX. SEE BELOW FOR TYPE.
- RECEPTACLE, DOUBLE DUPLEX. SEE BELOW FOR TYPE.
- RECEPTACLE, DUPLEX, FLOOR MOUNTED, FLUSH.
- RECEPTACLE TYPES:
  - G = GROUND FAULT CIRCUIT INTERRUPTER
  - T = TAMPER PROOF
  - C = CEILING MOUNTED
  - W = WEATHERPROOF
  - I = ISOLATED GROUND
- NUMBER INDICATES MOUNTING HEIGHT, OTHER THAN 18" AFF.
- RECEPTACLE, SPECIAL. SEE SCHEDULE FOR TYPE.
- PULL STATION
- AUDIO DEVICE
- VISUAL DEVICE
- AUDIO/VISUAL DEVICE
- DUCT SMOKE DETECTOR
- SMOKE DETECTOR
- HEAT DETECTOR
- MAGNETIC DOOR HOLDER
- POST INDICATOR VALVE
- FIRE FIGHTER PHONE JACK
- FLOW SWITCH
- TAMPER SWITCH
- GRAPHIC ANNUNCIATOR
- FIRE ALARM CONTROL PANEL
- SWITCH
- FUSED SWITCH
- CIRCUIT BREAKER
- THERMAL OVERLOAD
- CONTACT
- STARTER
- TRANSFORMER
- MOTOR
- GROUND

### LP1

ROOM Distribution Center		VOLTS 480Y/277V 3ø 4W			AIC 25,000						
MOUNTING SURFACE		BUS AMPS 225			MAIN BKR MLO						
FED FROM MDP		NEUTRAL 100%			LUGS STANDARD						
NOTE											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD			CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD		
			A	B	C				A	B	C
1	20/1	LIGHTING	2.19			2	20/1	LIGHTING	0.132	2.42	
3	20/1	LIGHTING		2.56		4	20/1	EMERGENCY LIGHTING			
5	20/1	LIGHTING			1.05	6	20/1	LIGHTING		0.4	
7	20/1	FUTURE LIGHTING	1.68			8	20/1	BUILDING SIGN	0.2		
9	20/1	FUTURE LIGHTING		1.68		10	20/1	DOCK DOOR FANS		1.6	
11	20/1	SPACE				12	20/1	FUTURE FANS		0.9	
13	20/3	EXHAUST FANS	0.667			14	20/1	WH-1			
15	20/1	WH-1		0.667		16	20/1	WH-1			
17	20/1	WH-1			0.667	18	20/1	WH-1			
19	20/3	EXHAUST FANS	0.667			20	20/1	WH-1			
21	20/1	WH-1		0.667		22	20/1	WH-1			
23	20/1	WH-1			0.667	24	20/1	WH-1			
25	20/3	EXHAUST FANS	0.333			26	20/1	WH-1			
27	20/1	WH-1		0.333		28	20/1	WH-1			
29	20/1	WH-1			0.333	30	20/1	WH-1			
31	20/1	SPACE				32	20/1	SPACE			
33	20/1	SPACE				34	20/1	SPACE			
35	20/1	SPACE				36	20/1	SPACE			
37	20/1	SPACE				38	20/1	SPACE			
39	20/1	SPACE				40	20/1	SPACE			
41	20/1	SPACE				42	20/1	SPACE			
TOTAL CONNECTED KVA BY PHASE									7.87	11.9	4.02
TOTAL CONNECTED AMPS BY PHASE									28.4	43	14.5
CONN. KVA			CALC. KVA			CONN. KVA			CALC. KVA		
LIGHTING 12.1			15.1 (125%)			CONTINUOUS 0			0 (125%)		
LARGEST MOTOR 1			1.25 (125%)			HEATING 4			4 (100%)		
OTHER MOTORS 6.5			6.5 (100%)			NONCONTINUOUS 0			0 (100%)		
RECEPTACLES 0.2			0.2 (50%*10)			KITCHEN EQUIP 0			0 (N/A)		
						NONCON/DIVERSE 0			0 (N/A)		
						TOTAL KVA 23.8			27.1		
BALANCED THREE PHASE AMPS 32.6											

### SLP

ROOM Distribution Center		VOLTS 480Y/277V 3ø 4W			AIC 25,000						
MOUNTING SURFACE		BUS AMPS 100			MAIN BKR MLO						
FED FROM MDP		NEUTRAL 100%			LUGS STANDARD						
NOTE CONTACTOR CONTROLLED											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD			CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD		
			A	B	C				A	B	C
1	20/2	LIGHTING	2.16			2	20/2	LIGHTING	3.24		
3	20/1	LIGHTING		2.16	0.46	4	20/1	SPARE			
5	20/1	SPARE				8	20/1	SPARE			
9	20/1	SPARE				10	20/1	SPARE			
11	20/1	SPACE				12	20/1	SPACE			
13	20/1	SPACE				14	20/1	SPACE			
15	20/1	SPACE				16	20/1	SPACE			
17	20/1	SPACE				18	20/1	SPACE			
19	20/1	SPACE				20	20/1	SPACE			
21	20/1	SPACE				22	20/1	SPACE			
23	20/1	SPACE				24	20/1	SPACE			
25	20/1	SPACE				26	20/1	SPACE			
27	20/1	SPACE				28	20/1	SPACE			
29	20/1	SPACE				30	20/1	SPACE			
31	20/1	SPACE				32	20/1	SPACE			
33	20/1	SPACE				34	20/1	SPACE			
35	20/1	SPACE				36	20/1	SPACE			
37	20/1	SPACE				38	20/1	SPACE			
39	20/1	SPACE				40	20/1	SPACE			
41	20/1	SPACE				42	20/1	SPACE			
TOTAL CONNECTED KVA BY PHASE									5.4	5.4	0.46
TOTAL CONNECTED AMPS BY PHASE									22.5	22.5	1.66
CONN. KVA			CALC. KVA			CONN. KVA			CALC. KVA		
LIGHTING 11.3			14.1 (125%)			CONTINUOUS 0			0 (125%)		
LARGEST MOTOR 0			0 (125%)			HEATING 0			0 (100%)		
OTHER MOTORS 0			0 (100%)			NONCONTINUOUS 0			0 (100%)		
RECEPTACLES 0			0 (50%*10)			KITCHEN EQUIP 0			0 (N/A)		
						NONCON/DIVERSE 0			0 (N/A)		
						TOTAL KVA 11.3			14.1		
BALANCED THREE PHASE AMPS 16.9											

### PP1

ROOM Distribution Center		VOLTS 208Y/120V 3ø 4W			AIC 22,000						
MOUNTING SURFACE		BUS AMPS 225			MAIN BKR 175						
FED FROM T1		NEUTRAL 100%			LUGS STANDARD						
NOTE											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD			CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD		
			A	B	C				A	B	C
1	20/1	RECEPTACLE		0.94		2	20/1	LIGHTING	0.24	0.1	
3	20/1	RECEPTACLE				4	20/1	LIGHTING			
5	20/1	RECEPTACLE		0.2		6	20/1	RECEPTACLE			0.94
7	20/1	RECEPTACLE				8	50/2	CU-1	4		
9	20/1	RECEPTACLE	0.18	0.18		10	20/1	RECEPTACLE			
11	20/1	RECEPTACLE				12	20/1	RECEPTACLE	1.5		0.72
13	20/1	RECEPTACLE				14	20/2	CU-2			
15	20/1	RECEPTACLE				16	20/1	RECEPTACLE			
17	20/1	RECEPTACLE		0.18		18	20/1	RECEPTACLE			0.72
19	20/1	RECEPTACLE				20	20/1	RECEPTACLE	0.72		
21	20/1	RECEPTACLE				22	20/1	RECEPTACLE			
23	20/1	RECEPTACLE				24	20/1	RECEPTACLE			0.54
25	20/1	RECEPTACLE		0.36		26	20/1	RECEPTACLE, EF-6	0.55		
27	20/1	RECEPTACLE				28	20/1	FC-1			0.35
29	20/1	RECEPTACLE				30	20/1	FC-2			
31	20/1	RECEPTACLE				32	20/2	EMH	1.5	1.5	
33	20/1	RECEPTACLE				34	20/1	RECEPTACLE			
35	20/1	RECEPTACLE				36	20/1	RECEPTACLE			
37	20/1	RECEPTACLE				38	20/1	RECEPTACLE			
39	20/1	RECEPTACLE				40	20/1	RECEPTACLE			
41	20/1	RECEPTACLE				42	20/1	RECEPTACLE			
TOTAL CONNECTED KVA BY PHASE									11	10.7	4.53
TOTAL CONNECTED AMPS BY PHASE									37.5	37.8	37.8
CONN. KVA			CALC. KVA			CONN. KVA			CALC. KVA		
LIGHTING 0.34			0.425 (125%)			CONTINUOUS 0.1			0.125 (125%)		
LARGEST MOTOR 0			0 (125%)			HEATING 0			0 (100%)		
OTHER MOTORS 4.5			4.5 (100%)			NONCONTINUOUS 0			0 (100%)		
RECEPTACLES 13.3											