

'LCP' LIGHTING CONTACTOR SCHEDULE				
CIRCUIT	DESCRIPTION	ZONE	CONTACTOR SIZE	CONTACTOR #
L-1	EMPLOYEE LIGHTING	GROUP 1	30A4P	1
L-3	EMPLOYEE LIGHTING	GROUP 1		
L-6	EMPLOYEE LIGHTING	GROUP 1		
L-9	EMPLOYEE LIGHTING	GROUP 1	30A4P	2
P-41	EXHAUST FAN	GROUP 1		
L-12	SALES REPLENISHMENT LTG.	GROUP 1		
L-14	SALES REPLENISHMENT LTG.	GROUP 1	30A4P	3
-	SPARE	GROUP 1		
-	SPARE	GROUP 1		
-	SPARE	GROUP 1	30A4P	4
L-2	CUSTOMER LIGHTING	GROUP 2		
L-4	CUSTOMER LIGHTING	GROUP 2		
L-5	CUSTOMER LIGHTING	GROUP 2	30A4P	5
L-7	CUSTOMER LIGHTING	GROUP 2		
L-8	CUSTOMER LIGHTING	GROUP 2		
P-13	INTERIOR SIGN	GROUP 2	30A4P	6
-	SPARE	GROUP 2		
-	SPARE	GROUP 2		
L-23	FURNITURE RECEPTACLES	GROUP 2	30A4P	7
L-25	FURNITURE RECEPTACLES	GROUP 2		
L-27	FURNITURE RECEPTACLES	GROUP 2		
L-29	FURNITURE RECEPTACLES	GROUP 2	30A4P	8
L-17	EXTERIOR SECURITY LIGHTING	GROUP 3		
P-40	EXTERIOR SIGN	GROUP 3		
-	SPARE	GROUP 3	30A4P	9
-	SPARE	GROUP 3		
L-19	EXTERIOR LIGHTING	GROUP 4		
-	SPARE	GROUP 4	30A4P	10
-	SPARE	GROUP 4		
-	SPARE	GROUP 4		
-	SPARE	GROUP 4	30A4P	10
-	SPARE	GROUP 4		
-	SPARE	GROUP 4		

LIGHT FIXTURE SCHEDULE										
TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	LAMPS	VOLT	WATTS	REMARKS			
A		2x4 LED TROFFER FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT724-40VL-G-U-EDU-PNCS	LED 4000K	120/277	59	OFFICES FACTORY INSTALLED WHP CONNECTION.			
AE		2x4 LED TROFFER WITH 1400 LUMEN BATTERY FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT724-40VL-G-U-EDU-PNCS-ELL14	LED 4000K	120/277	59	OFFICES EMERGENCY BATTERY. SEE GENERAL NOTE #1. VERIFY THAT EM BALLAST IS WIRED FOR APPROPRIATE VOLTAGE PRIOR TO WIRING FIXTURE. FACTORY INSTALLED WHP CONNECTION.			
B		2x4 LED TROFFER FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT724-40LW-G-U-EDU-PNCS	LED 4000K	120/277	36	TOILET ROOM FACTORY INSTALLED WHP CONNECTION.			
BE		2x4 LED TROFFER WITH 1400 LUMEN BATTERY FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT724-40LW-G-U-EDU-PNCS-ELL14	LED 4000K	120/277	36	TOILET ROOM EMERGENCY BATTERY. SEE GENERAL NOTE #1. FACTORY INSTALLED WHP CONNECTION.			
C		8' - LED CHAIN MOUNTED STRIP FIXTURE	COLUMBIA LIGHTING# MPS-8-40-HLHE-CW-EDV-INT-LBC	LED 4000K	120/277	100	SALES & STORAGE AREA FOR OPEN CEILINGS PROVIDE CHAIN & INSTALL AT HEIGHT NOTED ON E1.1 (CSHC). RUN IN CONTINUOUS ROWS WHERE SHOWN. PROVIDED WITH COUPLER. NOTE #2 & #4			
CE		8' - LED CHAIN MOUNTED STRIP WITH 1400 LUMEN BATTERY	COLUMBIA LIGHTING# MPS-8-40-HLHE-CW-EDV-ELL14-INT-LBC	LED 4000K	120/277	100	SALES & STORAGE AREA FOR OPEN CEILINGS PROVIDE CHAIN & INSTALL AT HEIGHT NOTED ON E1.1 (CSHC). RUN IN CONTINUOUS ROWS WHERE SHOWN. EMERGENCY BATTERY. SEE GENERAL NOTE #1.2.4. PROVIDED WITH COUPLER.			
C1		4' - LED CHAIN MOUNTED STRIP FIXTURE	COLUMBIA LIGHTING# MPS-4-40-HLHE-CW-EDV-INT-LBC	LED 4000K	120/277	50	SALES & STORAGE AREA FOR OPEN CEILINGS PROVIDE CHAIN & INSTALL AT HEIGHT NOTED ON E1.1 (CSHC). RUN IN CONTINUOUS ROWS WHERE SHOWN. PROVIDED WITH COUPLER. NOTE #2 & #4			
C1E		4' - LED CHAIN MOUNTED STRIP FIXTURE WITH 1400 LUMEN BATTERY	COLUMBIA LIGHTING# MPS-4-40-HLHE-CW-EDV-ELL14-INT-LBC	LED 4000K	120/277	50	SALES & STORAGE AREA FOR OPEN CEILINGS PROVIDE CHAIN & INSTALL AT HEIGHT NOTED ON E1.1 (CSHC). RUN IN CONTINUOUS ROWS WHERE SHOWN. EMERGENCY BATTERY. SEE GENERAL NOTE #1.2.4. PROVIDED WITH COUPLER.			
D		8' - LED SURFACE MOUNTED STRIP FIXTURE	COLUMBIA LIGHTING# MPS-8-40-HLHE-CW-EDV	LED 4000K	120/277	100	SALES & STORAGE AREA SURFACE MOUNTED FOR CEILING / JOIST MOUNT PROVIDE CEILING CLIPS & SUPPORT FROM STRUCTURE AS REQUIRED BY CODE. FOR JOIST MOUNT, PROVIDE MOUNTING HARDWARE & UNISTRUT AS REQUIRED. RUN IN CONTINUOUS ROWS WHERE SHOWN. PROVIDED WITH COUPLER.			
DE		8' - LED SURFACE MOUNTED STRIP FIXTURE WITH 1400 LUMEN BATTERY	COLUMBIA LIGHTING# MPS-8-40-HLHE-CW-EDV-ELL14	LED 4000K	120/277	100	SALES & STORAGE AREA SURFACE MOUNTED FOR CEILING / JOIST MOUNT PROVIDE CEILING CLIPS & SUPPORT FROM STRUCTURE AS REQUIRED BY CODE. FOR JOIST MOUNT, PROVIDE MOUNTING HARDWARE & UNISTRUT AS REQUIRED. RUN IN CONTINUOUS ROWS WHERE SHOWN. EMERGENCY BATTERY. SEE GENERAL NOTE #1.2. PROVIDED WITH COUPLER.			
D1		4' - LED SURFACE MOUNTED STRIP FIXTURE	COLUMBIA LIGHTING# MPS-4-40-HLHE-CW-EDV	LED 4000K	120/277	50	SALES & STORAGE AREA SURFACE MOUNTED FOR CEILING / JOIST MOUNT PROVIDE CEILING CLIPS & SUPPORT FROM STRUCTURE AS REQUIRED BY CODE. FOR JOIST MOUNT, PROVIDE MOUNTING HARDWARE & UNISTRUT AS REQUIRED. RUN IN CONTINUOUS ROWS WHERE SHOWN. PROVIDED WITH COUPLER.			
D1E		4' - LED SURFACE MOUNTED STRIP FIXTURE WITH 1400 LUMEN BATTERY	COLUMBIA LIGHTING# MPS-4-40-HLHE-CW-EDV-ELL14	LED 4000K	120/277	50	SALES & STORAGE AREA SURFACE MOUNTED FOR CEILING / JOIST MOUNT PROVIDE CEILING CLIPS & SUPPORT FROM STRUCTURE AS REQUIRED BY CODE. FOR JOIST MOUNT, PROVIDE MOUNTING HARDWARE & UNISTRUT AS REQUIRED. RUN IN CONTINUOUS ROWS WHERE SHOWN. EMERGENCY BATTERY. SEE GENERAL NOTE #1.2. PROVIDED WITH COUPLER.			
EM1		SELF-POWERED EXIT SIGN WITH LED LAMPS - UNIVERSAL MOUNTED - SINGLE FACE NOTE #3	COMPASS# CER	LED	120/277	5	SALES & STORAGE AREA EMERGENCY EXIT LIGHTS EQUIPPED WITH 90 MINUTE BATTERY BACK-UP. WIRE AHEAD OF LOCAL CONTROL.			
EM2		SELF-POWERED EXIT SIGN WITH LED LAMPS - UNIVERSAL MOUNTED - DOUBLE FACE NOTE #3	COMPASS# CER	LED	120/277	5	SALES & STORAGE AREA			
EM3		SURFACE MOUNTED 2 HEAD EMERGENCY UNIT WITH REMOTE CAPACITY	DUAL LITE# L230	HALOGEN	120/277	5	SALES & STORAGE AREA REMOTE CAPACITY			
EM4		EXTERIOR WP 2 LAMP REMOTE HEADS	DUAL LITE# DCR-DB-9605	HALOGEN	6	-	EXTERIOR PROVIDE WITH 2 HEAD MOUNTING PLATE. WIRE TO EM3.			
EM5		EXTERIOR WP LED EMERGENCY FIXTURE WITH 4 LAMPS	HUBBELL LIGHTING# PS2	LED	120/277	5	EXTERIOR WIRE SO THAT FIXTURE IS OFF WHEN BUILDING POWER IS AVAILABLE.			
SA		EXTERIOR WALL MOUNTED FIXTURE	HUBBELL LIGHTING# SG1-20-4K7-DB	LED 4000K	120/277	20	EXTERIOR WALL MOUNTED FIXTURE. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.			
SB		EXTERIOR WALL MOUNTED FIXTURE	HUBBELL LIGHTING# SG2-80-4K7-FT-UNV-DB	LED 4000K	120/277	80	EXTERIOR WALL MOUNTED FIXTURE AT 15'-0" ABOVE FINISHED GRADE.			
SC		EXTERIOR CEILING MOUNTED FIXTURE	BEACON# SRT1-35-4K7-50W	LED 4000K	120/277	35	SURFACE MOUNT ON CANOPY.			

LIGHTING FIXTURE SCHEDULE NOTES (SEE REMARKS)

- FOR EMERGENCY FIXTURES AE, A1E, BE, CE, C1E, DE & D1E NOT SHOWN AS NIGHT LIGHTS, RUN AN EXTRA HOT CONDUCTOR (BYPASSING ALL CONTROL) AND CONNECT TO EMERGENCY BATTERY. FIXTURES SHALL BE SHUT OFF WITH LOCAL LIGHT FIXTURE CONTROL.
- FOR ALL CHAIN MOUNTED FIXTURES E.C. SHALL PROVIDE EXTENSIONS AS REQUIRED TO INSTALL LIGHT FIXTURES AT HEIGHTS AS NOTED.
- MOUNT EXIT SIGNS A MAXIMUM OF 1'-0" ABOVE TOP OF EGRESS DOOR. PROVIDE PENDANT IF REQUIRED. FOR SIGNS NOT MOUNTED DIRECTLY ABOVE AN EGRESS DOOR, IN SALES AREA MOUNT EXIT SIGNS 6' BELOW TYPE 'C' FIXTURES. IN SALES REPLENISHMENT AREA MOUNT EXIT SIGNS 12' BELOW TYPE 'D' FIXTURES.
- THE LIGHT FIXTURE SHALL BE PROVIDED WITH A 7 WIRE HARNESS WITH PIN CONNECTORS FOR BRANCH CIRCUIT THROUGH WIRING FOR CONTINUOUS ROW MOUNTING.

REFER TO SHEET A0.0 FOR LIGHTING VENDOR CONTACT INFORMATION.

MOUNTING: SURFACE														
LOCATION:														
BUS RATING: 600A														
A.I.C.: 65.000														
AMPS CONN.: 369.2														
AMPS DEMAND: 402.5														
600A MAIN CIRCUIT BREAKER														
VOLTAGE: 120/208V-3PH-4W														
COMMENTS:														
BREAKER REMARKS C-CONTACTOR CONTROLLED, S-SHUNT TRIP, L-LOCK ON, G-GFCI, A-ARC FAULT, SW-SWITCHING DUTY, HA-HACR, HI-HID														
CKT.	DESCRIPTION	KVA CONNECTED				C/B	REMARKS	C/B	KVA CONNECTED				DESCRIPTION	CKT
1		LTG.	REC.	HVAC	MISC.				MISC.	HVAC	REC.	LTG.		
3	RTU-01			6.8		90/3	- -	60/3	5.0				RTU-02	2
5				6.8			- -		5.0					4
7				5.0			- -		6.8					6
9	RTU-03			5.0		60/3	- -	90/3	6.8				RTU-04	8
11				5.0			- -		6.8					10
13							- -							12
15	PANEL 'L'	17.8	-	4.0	11.5	150/3	- -	150/3	9.2	2.6	15.8	1.2	PANEL 'P'	14
17							- -							16
19							- -							18
21	SPARE					80/3	- -	80/3					SPARE	20
23							- -							22
25							- -							24
27	SPARE					50/3	- -	100/3					SPARE	26
29							- -							28
TOTALS		17.8	0.00	39.4	11.5				9.2	38.0	15.8	1.2	TOTALS	30
LOAD		CONNECTED				DEMAND								
LIGHTING		19.0				28.8								
RECEPTACLE		15.8				12.9								
HVAC		77.4				82.5								
MISC		20.7				20.7								

L														
MOUNTING: SURFACE														
LOCATION:														
BUS RATING: 200A														
A.I.C.: 65.000														
AMPS CONN.: 92.5														
AMPS DEMAND: 107.8														
200A MAIN LUG ONLY														
VOLTAGE: 120/208V-3PH-4W														
COMMENTS: CAN BE SERIES RATED														
BREAKER REMARKS C-CONTACTOR CONTROLLED, S-SHUNT TRIP, L-LOCK ON, G-GFCI, A-ARC FAULT, SW-SWITCHING DUTY, HA-HACR, HI-HID														
CKT.	DESCRIPTION	KVA CONNECTED				C/B	REMARKS	C/B	KVA CONNECTED				DESCRIPTION	CKT
1	SALES LIGHTING	LTG.	REC.	HVAC	MISC.	20/1	C C	20/1	MISC.	HVAC	REC.	LTG.	SALES LIGHTING	2
3	SALES LIGHTING					20/1	C C	20/1					SALES LIGHTING	4
5	SALES LIGHTING					20/1	C C	20/1					SALES LIGHTING	6
7	SALES LIGHTING					20/1	C C	20/1					SALES LIGHTING	8
9	SALES LIGHTING					20/1	C -	20/1					SPARE	10
11	SPARE					20/1	-	C 20/1					SALES REPLENISHMENT LIGHTING	12
13	OFFICE, BREAKROOM, TOILET LIGHTING					20/1	-	C 20/1					SALES REPLENISHMENT LIGHTING	14
15	NIGHT / EMERGENCY LIGHTING					20/1	L -	20/1					DOCK LIGHTING	16
17	EXTERIOR LIGHTING					20/1	C -	20/1					SPARE	18
19	EXTERIOR LIGHTING					20/1	C -	20/1					SPARE	20
21	SPARE					20/1	-	- 20/1					SPARE	22
23	FURNITURE RECEPTACLE					20/1	C -	20/1					SPARE	24
25	FURNITURE RECEPTACLE					20/1	C -	20/1					SPARE	26
27	FURNITURE RECEPTACLE					20/1	C -	20/1					SPARE	28
29	FURNITURE RECEPTACLE					20/1	C -	20/1					SPARE	30
31	SPARE					20/1	-	-	0.5					32
33	SPARE					20/1	-	-	30/3	0.5			GRINDER PUMP CONTROL	34
35	CHARGER				2.0		-	-		0.5				36
37					2.0		-	-		2.0				38
39	UH-02				2.0		-	-	40/3	2.0			SUMP PUMP CONTROL	40
41					2.0		-	-		2.0				42
TOTALS		11.5	0.00	4.0	4.0				7.5	0.00	0.00	6.3	TOTALS	
LOAD		CONNECTED				DEMAND								
LIGHTING		17.8				22.3								
RECEPTACLE		-				-								
HVAC		4.0				5.0								
MISC		11.5				11.5								

P														
MOUNTING: SURFACE														
LOCATION:														
BUS RATING: 200A														
A.I.C.: 65.000														
AMPS CONN.: 80.0														
AMPS DEMAND: 74.2														
200A MAIN LUG ONLY														
VOLTAGE: 120/208V-3PH-4W														
COMMENTS: CAN BE SERIES RATED WITH ISO GND BUS														
BREAKER REMARKS C-CONTACTOR CONTROLLED, S-SHUNT TRIP, L-LOCK ON, G-GFCI, A-ARC FAULT, SW-SWITCHING DUTY, HA-HACR, HI-HID														
CKT.	DESCRIPTION	KVA CONNECTED				C/B	REMARKS	C/B	KVA CONNECTED				DESCRIPTION	CKT
1	ISO GND RECEPTACLE	LTG.	REC.	HVAC	MISC.	20/1	- -	20/1	MISC.	HVAC	REC.	LTG.	ISO GND RECEPTACLE	2
3	GENERAL RECEPTACLE				0.8	20/1	- -	20/1					GENERAL RECEPTACLE	4
5	CASHWRAP RECEPTACLE (D) (ISO GND.)				0.8	20/1	- -	20/1					CASHWRAP RECEPTACLE	6
7	CASHWRAP RECEPTACLE (D) (ISO GND.)				0.8	20/1	- -	20/1					SALES OUTLET	8
9	CASHWRAP RECEPTACLE (D) (ISO GND.)				0.8	20/1	- -	20/1					CASHWRAP RECEPTACLE	10
11	CASHWRAP RECEPTACLE (D) (ISO GND.)				0.8	20/1	- -	20/1	1.0				POWER DOORS	12
13	INTERIOR SIGN				1.0	20/1	C -	20/1	1.0				POWER DOORS	14
15	HAND DRYER					20/1	- -	20/1					SPARE	16
17	HAND DRYER					20/1	- -	20/1					ISO GND RECEPTACLE	18
19	LCP					20/1	- -	20/1					ISO GND RECEPTACLE	20
21	REFRIGERATOR				0.8	20/1	G -	30/1						