



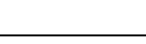
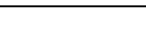


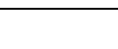
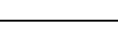












'LCP' LIGHTING CONTACTOR SCHEDULE				
CIRCUIT	DESCRIPTION	ZONE	CONTACTOR SIZE	CONTACTOR #
L-1	EMPLOYEE LIGHTING	GROUP 1	30A/4P	1
L-3	EMPLOYEE LIGHTING	GROUP 1		
L-6	EMPLOYEE LIGHTING	GROUP 1		
L-9	EMPLOYEE LIGHTING	GROUP 1		
P-41	EXHAUST FAN	GROUP 1	30A/4P	2
L-12	SALES REPLENISHMENT LTG.	GROUP 1		
L-14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

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# LCAT24-40VL-G-U-EDU-PNCS	LED 4000K	120/277	59	OFFICES FACTORY INSTALLED WHIP CONNECTION.		
AE		2x4 LED TROFFER WITH 1400 LUMEN BATTERY FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT24-40VL-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 WHIP CONNECTION.		
B		2x4 LED TROFFER FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT24-40LW-G-U-EDU-PNCS	LED 4000K	120/277	36	TOILET ROOM FACTORY INSTALLED WHIP CONNECTION		
BE		2x4 LED TROFFER WITH 1400 LUMEN BATTERY FOR INSTALLATION IN LAY-IN ACOUSTIC CEILING TILE GRID	COLUMBIA LIGHTING# LCAT24-40LW-G-U-EDU-PNCS-ELL14	LED 4000K	120/277	36	TOILET ROOM EMERGENCY BATTERY. SEE GENERAL NOTE #1. FACTORY INSTALLED WHIP CONNECTION.		
C		8' - LED CHAIN MOUNTED STRIP FIXTURE	COLUMBIA LIGHTING# MPS-8-40-HLHC-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-HLHC-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-8-40-HLHC-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-8-40-HLHC-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-HLHC-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-HLHC-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-8-40-HLHC-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-8-40-HLHC-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# OCR-DB-0605	HALOGEN	6	-	EXTERIOR		PROVIDE WITH 2 HEAD MOUNTING PLATE. WIRE TO EM3.
EM5		EXTERIOR WP LED EMERGENCY FIXTURE WITH 4 LAMPS	HUBBELL LIGHTING# PG-Z	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-SQW	LED 4000K	120/277	35	SURFACE MOUNT ON CANOPY.		
LIGHTING FIXTURE SCHEDULE NOTES (SEE REMARKS)									
1. 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.							REFER TO SHEET A0.0 FOR LIGHTING VENDOR CONTACT INFORMATION.		
2. FOR ALL CHAIN MOUNTED FIXTURES E.C. SHALL PROVIDE EXTENSIONS AS REQUIRED TO INSTALL LIGHT FIXTURES AT HEIGHTS AS NOTED.									
3. 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.									
4. THE LIGHT FIXTURE SHALL BE PROVIDED WITH A 7 WIRE HARNESS WITH PIN CONNECTORS FOR BRANCH CIRCUIT THROUGH WIRING FOR CONTINUOUS ROW MOUNTING.									

MOUNTING: SURFACE										LOCATION:				BREAKER REMARKS C-CONTACTOR CONTROLLED, S-SHUNT TRIP, L-LOCK ON, G-GFCI, A-ARC FAULT, SW-SWITCHING DUTY, HA-HACR, HI-HID					
BUS RATING: 600A										A.I.C.: 65,000									
600A MAIN CIRCUIT BREAKER										AMPS CONN.: 369.2									
VOLTAGE: 120/208V-3PH-4W										AMPS DEMAND.: 402.5									
COMMENTS:																			
CKT.	DESCRIPTION				KVA CONNECTED				C/B	REMARKS		C/B	KVA CONNECTED				DESCRIPTION		CKT
					LTG.	REC.	HVAC	MISC.					MISC.	HVAC	REC.	LTG.			
1	RTU-01						6.8		90/3	-	-	60/3		5.0			RTU-02	2	
3					6.8		-	-			5.0				4				
5					6.8		-	-			5.0				6				
7					5.0		-	-			6.8				8				
9	RTU-03						5.0		60/3	-	-	90/3		6.8			RTU-04	10	
11					5.0		-	-			6.8				12				
13							-	-							14				
15							-	-							16				
17	PANEL 'L'		17.8	-	4.0	11.5	150/3		-	-	150/3		9.2	2.6	15.8	1.2	PANEL 'P'	18	
19			-						-	-						-		20	
21	SPARE		-					80/3	-	-	80/3					-	SPARE	22	
23			-						-	-						-		24	
25			-						-	-						-		26	
27	SPARE		-				50/3			-	-	100/3					-	SPARE	28
29			-						-	-						-		30	
TOTALS			17.8	0.00	39.4	11.5							9.2	38.0	15.8	1.2	TOTALS		
LOAD				CONNECTED				DEMAND											
LIGHTING				19.0				28.8											
RECEPTACLE				15.8				12.9											
HVAC				77.4				82.5											
MISC				20.7				20.7											