TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	CATALOG NO.	LAMPS	INPUT VOLTS	INPUT WATTS	REMARKS	FURNISHE BY	ED QUANTITY
`	0	1' X 8 ' FLUORESCENT SUSPENDED BY CHAINS. (2) 2-LAMP BALLASTS (OUTBOARD LAMPS), (1) 2-LAMP BALLAST (INBOARD LAMPS), BALLASTS ARE DIMMING TYPE. FIXTURE HAS ALUMINIM REFLECTOR AND MODULAR WIRING CORD AND CONNECTOR.	METALUX (COOPER)	8T15-349T5-TBW-277V-LWF-F54T5/850/HO	(2) 49W SEE NOTE 1 (2) 49W SEE NOTE 1 (2) 49W SEE NOTE 1	277V 1P 2W	98 98 98	(1) CABLE MOUNT AT 21'-6" AFF (2) FIXTURES SHALL BE DELIVERED WITH LAMPS INSTALLED. (3) LAMP TO BE COLOR 5000K (4) OR EQUAL	FBO	1
2		1' X 8' FLUORESCENT STRIP LIGHT FIXTURE WITH ASYMMETRIC REFLECTOR. FIXTURE SUSPENDED BY AIRCRAFT CABLES. (2) 2-LAMP BALLASTS	METALUX (COOPER)	8TSM-249T5-UNV-EBT2U WITH REFLECTOR (2) SM-REV-4-2-B	(2) 49W SEE NOTE 1 (2) 49W SEE NOTE 1	277V 1P 2W	98 98	(1) LAMP FURNISHED WITH FIXTURE (2) FIXTURE IS FOR LIGHTING SIGNAGE (3) COORD. MOUNTING HEIGHTS W/ BJ'S FURNISHED SUSPENDED SIGN PANELS. SEE LIGHTING PLAN.	FBO	22
A2R		1' X 8' FLUORESCENT STRIP LIGHT FIXTURE WITH ASYMMETRIC REFLECTOR. FIXTURE SUSPENDED BY AIRCRAFT CABLES. (2) 2-LAMP BALLASTS	METALUX (COOPER)	8TSM-249T5-UNV-EBT2U WITH REFLECTOR (2) SM-REV-4-2-B	(2) 49W SEE NOTE 1 (2) 49W SEE NOTE 1	277V 1P 2W	98 98	(1) LAMP FURNISHED WITH FIXTURE (2) FIXTURE IS FOR LIGHTING SIGNAGE (3) COORD. MOUNTING HEIGHTS W/ BJ'S FURNISHED SUSPENDED SIGN PANELS. SEE LIGHTING PLAN.	FB0	15
43		1' X 4' FLOURESCENT STRIP LIGHT FIXTURE WITH ASYMMETRIC REFLECTOR. FIXTURE SUSPENDED BY AIRCRAFT CABLES. (1) 2-LAMP BALLAST	METALUX (COOPER)	SM-249T5-UNV-EBT1U WITH REFLECTOR SM-REV-4-2-B	(2) 49W SEE NOTE 1	277V 1P 2W	98	(1) LAMP FURNISHED WITH FIXTURE (2) FIXTURE IS FOR LIGHTING SIGNAGE (3) COORD. MOUNTING HEIGHTS W/ BJ'S FURNISHED SUSPENDED SIGN PANELS. SEE LIGHTING PLAN.	FB0	5
44		1' X 4' FLUORESCENT SUSPENDED. (1) 2-LAMP BALLASTS (OUTBOARD LAMPS), (1) 1-LAMP BALLAST (INBOARD LAMPS). BALLASTS ARE NON-DIMMING TYPE. FIXTURE HAS SPECULAR ALUMINUM REFLECTOR AND MODULAR WIRING CORD AND CONNECTOR.	COOPER (METALUX)	I5-354T5-TBW-277 -LSF54850HOSSECOQT2X54277PHODIM -SC27DS164G112N	(1) 49W SEE NOTE 1 (1) 49W SEE NOTE 1 (1) 49W SEE NOTE 1	277V 1P 2W	49 49 49	(1) MATCH EXISTING MOUNTING HEIGHT (2) LAMP FURNISHED W/ FIXTURE	FB0	58
31	0	FLUORESCENT; RECESSED; 2'X4' STATIC TROFFER; WITH 1/8" CLEAR ACRYLIC LENS, WITH ELECTRONIC BALLAST FOR 3 LAMPS. LENS IS REVERSED; PRISMS IN AND SMOOTH SIDE OUT	METALUX (COOPER)	2GR8-332-A125-UNV-EB81-U (W/ REVERSED LENS)	(3) 32W SEE NOTE 4	277V 1P 2W	88	(1) OR EQUAL	FBO	1
31-EM	0	FLUORESCENT; RECESSED; 2'X4' STATIC TROFFER; WITH 1/8" CLEAR ACRYLIC LENS, WITH ELECTRONIC BALLAST FOR 3 LAMPS. LENS IS REVERSED; PRISMS IN AND SMOOTH SIDE OUT	COOPER (METALUX)	2GR8-332-A125-UNV-EB81-U (W/ REVERSED LENS)	(3) 32W SEE NOTE 4	277V 1P 2W	88	(1) OR EQUAL	FBO	1
G	<b>©</b>	RIGID STEM MOUNTED LED BAY FIXTURE WITH NEUTRAL WHITE OUTPUT COLOR, WHITE POWDER COAT FINISH, 5000K, WET LOCATION LISTED.	COOPER (McGRAW-EDISON)	TT-B6-LED-E1-CQ 11138	(2) 108W L.E.D.	277V 1P 2W	108	(1) OR EQUAL (2) PENDANT-MOUNT AT 12'-0" AFF (COORDINATE WITH ARCHITECT)	FBO	4

NOTE 1: UNLESS OTHERWISE NOTED, PROVIDE PHILLIPS T5 5000K THROUGHOUT. NOTE 2: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CEILING AND WALL CONSTRUCTION AND FINISHES WITH THE ARCHITECT'S DRAWINGS AND FINISH SCHEDULES. FIXTURE SHALL BE FURNISHED WITH PROPER MOUNTING FRAMES, BRACKETS, AND HARDWARE AS REQUIRED TO BE COMPATIBLE WITH THE ARCHITECTURAL FINISHES. MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF FIXTURE.

NOTE 3: QUANTITIES SHOWN FOR REFERENCE ONLY. CONTRACTORS AND VENDORS ARE RESPONSIBLE FOR CORRECT QUANTITIES FOR THE ENTIRE DRAWING SET.

NOTE 4: PROVIDE 28W T8 4100K LAMP.

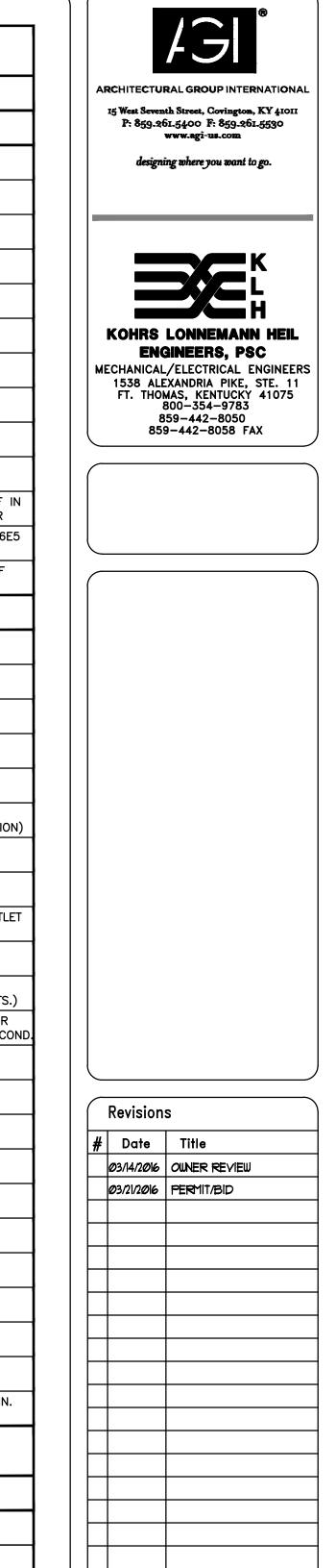
LEGEND:
FBO — LIGHTING FIXTURE SHALL BE FURNISHED BY OWNER. ELECTRICAL CONTRACTOR SHALL RECEIVE, SECURELY AND SAFELY STORE, AND INSTALL FIXTURE.
ER — LIGHTING FIXTURE SHALL BE RELOCATED FROM EXISTING LOCATION TO NEW LOCATION BY ELECTRICAL CONTRACTOR.
EC — LIGHTING FIXTURE SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

REFER TO SPECIFICATION 16145 SECTION 2.1 FOR ALL NEW LIGHTING CONTACTOR SPECIFICATIONS AND

	(NEW)	•	P RATING, 277 VOLT 120 VOLT COI		
	AREA SERVED	FED BY			
NUMBER	DESCRIPTION	PANEL	CIRCUIT NO.		
1	AIRIUS FANS	RPF4	10		
2	AIRIUS FANS	RPF4	12		
3	AIRIUS FANS	RPF4	14		
4	SPARE				
NUMBER	AREA SERVED  DESCRIPTION  DESCRIPTION	PANEL	FED BY CIRCUIT NO.		
NUMBER		_			
1	PRODUCE SIGN LIGHTING	LP1	11		
2	MEMBER SERVICES SIGN LIGHTING	LP1	17		
3	SPARE				
4	SPARE				

NEW PANEL LCPA (LOCATION: MECHANICAL ROOM) (SIZE OF ENCLOSURE SHALL BE AS REQUIRED)

	ELECTRICAL LEGEND	ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		
	LUMINAIRES	MISCELLANEOUS			
0	2' X 4' LUMINAIRE	(M)	MOTOR		
	LUMINAIRE (IN LENGTH SHOWN)	••	INDICATES A DIRECT CONNECTION TO EQUIPMENT		
	1' X 4' LUMINAIRE	□	NON-FUSED DISCONNECT SWITCH		
0 🗀 Ю	SHADED LUMINAIRES DENOTE THOSE CONNECTED TO EMERGENCY POWER SOURCE OR NIGHT LIGHT CIRCUIT AS APPLICABLE		FUSED DISCONNECT SWITCH		
	RECESSED OR SURFACE MOUNTED DOWNLIGHT LUMINAIRE	⊠r	COMBINATION DISCONNECT SWITCH AND MAGNETIC STARTER W/ PILOT LIGHT, AUXILIARY CONTACTS AND H.O.A. SWITCH ON COVER		
Ю	WALL MOUNTED LUMINAIRE	\$ MS	MANUAL STARTER WITH PILOT LIGHT (ON POWER PLAN)		
<u> </u>	TRACK W/ HEADS		RECESSED OR SURFACE MOUNTED PANELBOARD AS INDICATED ON PLANS		
	DECOR TRACK W/ HEADS		CIRCUIT BREAKER (NEMA 1 ENCLOSURE UNLESS INDICATED OTHERWISE)		
⊗	EXIT SIGN	<u></u>	INDICATES GROUNDING BY E.C. PER N.E.C. ARTICLE 250 MINIMUM		
	HIGH BAY OR LOW BAY LUMINAIRE AS NOTED	T	TRANSFORMER		
Ø	SURFACE MOUNTED HIGH INTENSITY DISCHARGE (H.I.D.) LUMINAIRE	0	FLUSH PANEL-MOUNT PUSH BUTTON EQUAL TO EDWARDS #695 (10A@12/24VAC) AT 48" AFF IN 2-1/8" DEEP BACK BOX WITH EDWARDS #147-1 SEALED/GASKETED STAINLESS STEEL COVER		
)	SURFACE MOUNTED INCANDESCENT LUMINAIRE	B	SURFACE MTD. VIBRATING BELL MOUNTED ON WALL @ 96" A.F.F. EQUAL TO EDWARDS #340-6E5		
A,B,C	LUMINAIRE TYPES (SEE LUMINAIRE SCHEDULE)	■ ■	SURFACE MOUNTED TRANSFORMER MTD. AT 96" AFF, EQUAL TO EDWARDS #88-250@ 96" AFF		
7,,5,0	LIGHTING CONTROL/SWITCHING	[2]	WITH 120V PRIMARY AND 4/8/12/16/20/24V SECONDARY. THE VA RATING SHALL BE 40VA.  ABBREVIATIONS AND NOTES		
a,b,c	SWITCHING DESIGNATION	E.C.	ELECTRICAL CONTRACTOR		
EM or NL	INDICATES UNSWITCHED EMERGENCY/NIGHT LIGHT	H.C.	H.V.A.C. CONTRACTOR		
\$	SINGLE POLE SWITCH	P.C.	PLUMBING CONTRACTOR		
3 <b>\$</b>	3-WAY SWITCH	S.C.	SPRINKLER CONTRACTOR		
Ψ •⁄•®	SWITCH WITH PILOT LIGHT AND ENGRAVED PLATE	G.C.	GENERAL CONTRACTOR		
LHA	LIGHTING CONTACTOR	VIF	VERIFY IN FIELD		
	("L" INDICATES LIGHTING CONTACTOR; "" INDICATES CONTACTOR DESIGNATION)  RECEPTACLES/MISCELLANEOUS OUTLETS	AFF	(PRIOR TO ROUGH—IN WHERE APPLICABLE AND PRIOR TO SUBMITTING A BID WHERE APPLICATION)  ABOVE FINISHED FLOOR (OR GRADE/PAVEMENT WHERE APPLICABLE) TO CENTER OF OUTLET		
Φ '	SINGLE ("SIMPLEX") RECEPTACLE	W/P (WP)	(UNLESS OTHERWISE NOTED)  PROVIDE WEATHERPROOF EQUIPMENT/FIXTURE/DEVICE		
ψ •	PROVIDE TWIST-LOCK RECEPTACLE IF INDICATED ON EQUIPMENT SCHEDULE  DUPLEX GFCI RECEPTACLE - COUNTER HEIGHT OR SPECIAL HEIGHT - DO NOT FEED DOWNSTREAM		DISTANCE ABOVE FINISHED FLOOR (OR GRADE/PAVEMENT WHERE APPLIC.) TO CENTER OF OUTLET		
ф	OUTLETS FROM LOAD SIDE TERMINALS UNLESS SPECIFICALLY NOTED OTHERWISE ON DWGS.  DUPLEX RECEPTACLE		COUNTER HEIGHT OR SPECIAL HEIGHT DEVICE		
• • • • • • • • • • • • • • • • • • • •	DOUBLE DUPLEX RECEPTACLE ("QUAD")	CH	COORDINATE WITH EQUIPMENT & ARCHITECTURAL ELEVATIONS  GROUND FAULT CIRCUIT INTERRUPTER DEVICE (UNLESS SPECIFICALLY NOTED OTHERWISE ON		
<b>*</b> • • • • • • • • • • • • • • • • • • •	CEILING DUPLEX RECEPTACLE (FIELD VERIFY EXACT LOCATION)	GFI IG	DRAWINGS, DO NOT FEED DOWNSTREAM OUTLETS FROM LOAD SIDE TERMINALS OF GFI RECEPTS.)  INDICATES ISOLATED GND. DEVICE W/PARITY SIZED ISOLATED/INSULATED EQT. GND. CONDUCTOR		
	INSTALL FLUSH IN CEILING IN AREAS W/FINISHED CEILINGS, ÉLSEWHERE INSTALL IN JOIST SPACE  JUNCTION/OUTLET BOX — LOW VOLTAGE UNLESS OTHERWISE APPLIED		(GREEN W/YELLOW TRACER). PROVIDE DEDICATED #10 AWG NEUTRAL COND. FOR EA. PHASE COND  ELECTRIC WATER COOLER		
	CASE FAN CONNECTION POINT	EWC	TELEPHONE TERMINAL BOARD		
(F)	CASE ANTI-SWEAT CONNECTION POINT	TTB	MAIN DISTRIBUTION FRAME		
(A)	CASE LIGHTS CONNECTION POINT	MDF	INTERMEDIATE DISTRIBUTION FRAME		
<u> </u>	480V/3ø/3W OR 480V/1ø/2W OR 277V/1ø/2W J.B./OUTLET BOX	IDF	CIRCULATING PUMP — DOMESTIC HOT WATER		
	208V/3ø/3W OR 208Y/120V/3ø/4W OR 208V/1ø/2W OR 120/208V/1ø/3W J.B./OUTLET BOX	СР	FURNISHED & INSTALLED BY P.C., WIRED BY E.C.  GAS WATER HEATER WITH ELECTRONIC IGNITION		
		GWH	FURNISHED & INSTALLED BY P.C., WIRED BY E.C.  JUNCTION BOX		
	RACEWAY/WIRE/CABLE  HOME-RUN (WITH CIRCUIT NUMBER(S) WHERE APPLICABLE)	(JB)	RECEPTACLE		
► LA-1	CABLING/RACEWAY — CEILING OR WALL — SEE SPECS. FOR APPL. CONDUIT/RACEWAY REQ'TS.	(RCPT)	TRANSIENT VOLTAGE SUPPRESSOR DEVICE		
	(FULLY CONCEALED IN FINISHED AREAS, CONCEALED TO OVERHEAD STRUCTURE IN UNFIN. AREAS)  CABLING/RACEWAY — BELOW FLOOR/GRADE — SEE SPECS. FOR APPL. CONDUIT/RACEWAY REQ'TS.	TVSS	(PROVIDE DEDICATED NEUTRAL AND ISOLATED GROUND)  ELEC. WORK SHOWN BOLD ON NEW WORK PLANS INDICATES NEW WORK BY E.C. ELEC. WORK		
	GENERIC JUNCTION BOX OR PULL BOX AS APPLICABLE	<del></del>	SHOWN BOLD & DASHED ON DEMO. PLANS INDICATES WORK TO BE REMOVED BY E.C.  ELECTRIC WORK SHOWN FADED ON ALL PLANS INDICATES EXISTING WORK INTENDED TO REMAIN.		
JB J PB	SEE DRAWINGS FOR MORE SPECIFIC APPLICATION INFORMATION  UNDERFLOOR ELECTRIC RACEWAY SHOWN WITH PULL/JUNCTION BOX ASSEMBLY		TELESTING WORK INTENDED TO REMAIN.		
——P— 	JUNCTION BOX CONNECTED TO UNDERLEGOR RACEWAY		FIRE ALARM LEGEND		
<del></del>		SYMBOL	DESCRIPTION		
	UNDERFLOOR ELECTRIC RACEWAY SHOWN WITH END PLUG	F	FIRE ALARM SYSTEM MANUAL PULL STATION		
		<b>S</b>	FIRE ALARM SYSTEM SMOKE DETECTOR		
		©—	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR		
		(MM)	FIRE ALARM SYSTEM MONITOR MODULE		
		F)	FIRE ALARM SYSTEM WALL MOUNT STROBE—ONLY UNIT		
		F●	FIRE ALARM SYSTEM WALL MOUNT HORN/STROBE UNIT		
		F	FIRE ALARM SYSTEM CEILING MOUNTED STROBE-ONLY UNIT		
		<b>G</b> F] <b>0</b>	FIRE ALARM SYSTEM CEILING MOUNTED HORN/STROBE UNIT		
			1		







BJS WHOLESALE CLUB PORTLAND, ME

PROJECT NO. 03/21/2016

SHEET TITLE

**ELECTRICAL LEGEND** 

**27871** 

SHEET NUMBER

E001

ELECTRICAL DRAWING LIST

E001 ELECTRICAL LEGEND

E030 SINGLE LINE DIAGRAM

E100 DEMOLITION LIGHTING FLOOR PLAN

E101 LIGHTING FLOOR PLAN

E201 POWER FLOOR PLANS

E401 REFRIGERATION ELECTRICAL FLOOR PLANS

E800 ELECTRICAL DETAILS

E900 ENERGY COMPLIANCE