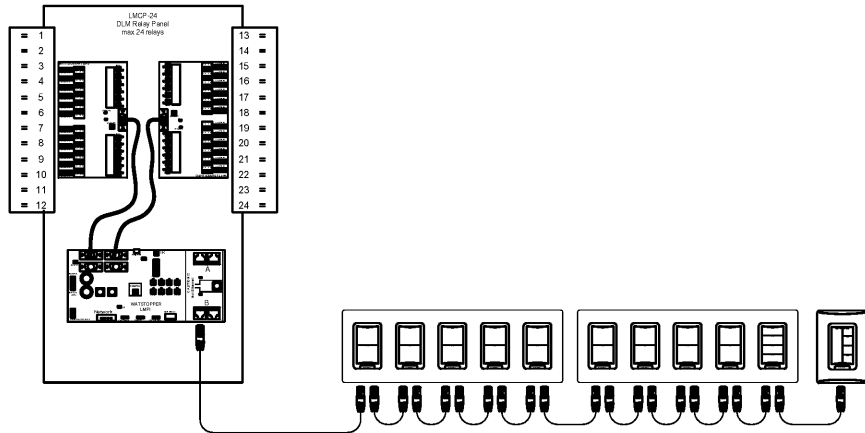


- ALL FLUORESCENT FIXTURES SHALL HAVE ELECTRONIC BALLASTS WITH 20% OR LESS THD.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED HARDWARES, BRACKETS, ETC. FOR A COMPLETE INSTALLATION.
- ALL LIGHTING FIXTURES SHALL BE SUPPORTED PER NEC 410-36(B). SEE DETAIL, SHEET 4 / E-4 00.
- CONTRACTOR SHALL INSTALL ALL LIGHTING FIXTURES INCLUDING OWNER-FURNISHED FIXTURES.
- ALL FIXTURE BALLASTS SHALL BE U.L. LISTED.
- G.C. SHALL INSTALL OWNER SUPPLIED LED & CUT TO PROPER LENGTH
- ALL MULTI-WIRE BRANCH CIRCUITS TO HAVE SEPARATE NEUTRALS TO MEET THE REQUIREMENTS OF NEC 210.4(B).
- ALL FLUORESCENT FIXTURES SHALL HAVE INTEGRAL DISCONNECTING MEANS PER NEC 410.130(G)(1).
- ALL CIRCUITRY SHOWN WITHOUT TICS SHALL HAVE (2) WIRES PLUS EQUIPMENT GROUNDING CONDUCTOR.
- 'NL' DESIGNATION INDICATES NIGHT LIGHT ON UNSWITCHED CIRCUIT.
- CONTRACTOR TO ENSURE THAT LEFT OVER DISTANCE FOR EXTERIOR FIXTURES SHALL BE EQUAL ON BOTH SIDES, AND SHALL NOT TO HAVE ANY GAP BETWEEN THE LIGHTING FIXTURE.
- REFER TO LIGHTING CONTROL DETAIL, THIS SHEET 5 / E-101.
- SWITCHBANK 'A'. REFER TO SCHEDULE THIS SHEET (4 / E-101).
- ROUTE CIRCUITS THROUGH ROOM CONTROLLERS TO LIGHTING CONTROL PANEL (SWITCH LEGS AS NOTED IN LOWER CASE). REFER TO WIRING DIAGRAM (1 / E-402) FOR MORE INFORMATION.
- ROUTE THROUGH CONTACTS IN HOOD CONTROL PANEL 'M4' FOR CIRCUIT POWER. REFER TO DETAILS, SHEETS 3 / E-401.
- PROVIDE SEPARATE UNSWITCHED HOT CONDUCTOR (SAME CIRCUIT, NOT CONTROLLED BY LIGHTING CONTROLS) TO EMERGENCY FIXTURE BATTERY TRIGGER LEADS.
- DUPLEX RECEPTACLE AT SOFFIT FOR LED ROPE. INSTALL ON BACK OF BULKHEAD ABOVE CEILING. REFER TO DETAILS, SHEET A-403 FOR MORE INFORMATION.
- WALK-IN COOLER LIGHT FIXTURES AND PILOT LIGHT SWITCH PROVIDED WITH COOLER. REFER TO 'COOLER EVAPORATOR COIL' WIRING DIAGRAM, SHEET 8 / E-400.
- WALK-IN FREEZER LIGHT FIXTURE AND PILOT LIGHT SWITCH PROVIDED WITH FREEZER. REFER TO 'FREEZER LTG AND DOOR HEATER WIRING DIAGRAM', SHEET 10 / E-400.
- REFER TO 'EXHAUST FAN CONTROL DIAGRAM', SHEET 5 / E-400, FOR MORE INFORMATION.
- FIXTURES THIS ROOM SHALL BE LOCALLY SWITCHED.
- LIGHTING INVERTER TO BE MOUNTED ABOVE THE ELECTRICAL PANELS, NEXT TO CEILING.
- LED TRANSFORMER LOCATION, MOUNT ABOVE CEILING PER MANUFACTURE'S RECOMMENDATIONS.
- MANAGER'S SWITCHBANK. REFER TO THIS SHEET (4 / E-101).
- DIMMING CONTROL FOR FIXTURES WITHIN DAYLIGHTING AREA IS NOT REQUIRED PER ENERGY CODE C405.2.3(1). AREA HAS 150 WATTS OR LESS OF GENERAL LIGHTING.

LIGHTING GENERAL NOTES	2	LIGHTING KEYED NOTES	3
	NOT TO SCALE E-101		NOT TO SCALE E-101

### 24 Relay Control Panel

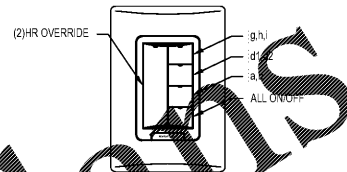
LMCP-24 units have up to 24 SPST Plug Load rated WattStopper HDR relays. Each HDR can control a 20A, 120/277/347V, 50/60 Hz circuit. Panel has 4 Cat 5e DLM ports (via 2 separate networks that each provide 250mA 24VDC) to power DLM Cat 5e devices. Panel Enclosure is 31.38" H x 23.88" W x 4.5" D



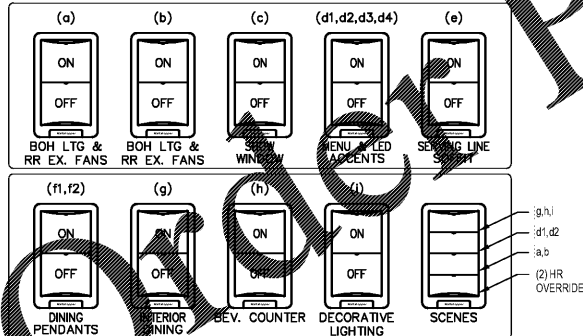
RELAY	ZONE	SPACE	CIRCUIT
1		Ext. Bldg. Signs/Logo	B-1
2		Ext. Parking Lot Lights	B-3
3		Ext. Parking Lot Lights	B-5
4		Ext. Parking Lot Lights	B-17
5		Canopy Lighting	B-31
6		Ext. Monument Sign	B-21
7		Ext. Menu Board	B-25
8		Ext. Order Screen	B-27
9		Ext. Sconce/Canopy Lts.	B-23
10		Ext. Light Fins	B-19
11	a	Kitchen & Prep	A-45
12	b	Kitchen & Prep	A-45
13	c	Show Window Recept.	A-49
14	d1,d2,d3,d4	Menu, LED Accents	A-1
15	e	Serving Line Soffit	A-1
16	f1,f2	Dining Pendants	A-47
17	g	Interior Dining	A-47
18	h	Beverage Counter	A-47
19	i	Decorative Lighting	A-47
20		RR Lts. and Exh. Fans	B-3
21		Canopy Lighting	B-3
22		SPACE	
23		SPACE	
24		SPACE	

LIGHTING CONTROL PANEL AND SCHEDULE 5  
NOT TO SCALE E-101

### MANAGER'S SWITCHBANK

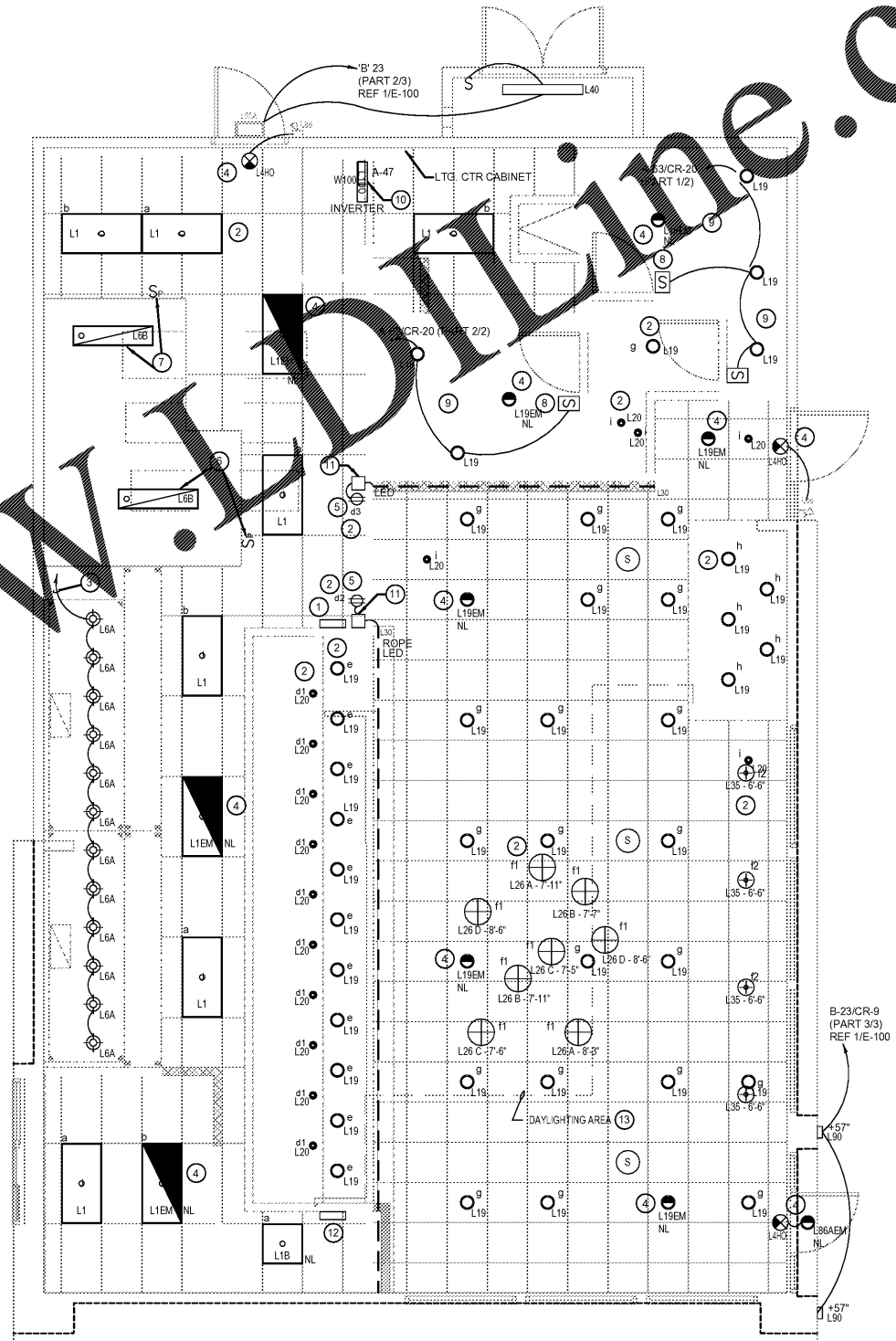


NOTE: CONTRACTOR TO INSTALL (2) 5 GANG SWITCH BOXES AS SHOWN BELOW. DO NOT INSTALL SEPARATE/INDIVIDUAL BOXES FOR EACH SWITCH.



TAG	SWITCH TYPE	AREA SERVED / SWITCH LABEL	CIRCUIT	LOAD
a	LMSW-102	BACK-OF-HOUSE	A-45/CR-11	180 VA
b	LMSW-102	BACK-OF-HOUSE	A-45/CR-12	150 VA
c	LMSW-102	SHOW WINDOW RECEP	A-49/CR-13	540 VA
d	LMSW-102	MENU, LED ACCENTS, VEG LTS.	A-1/CR-14	190 VA
e	LMSW-102	SERVING LINE SOFFIT	A-1/CR-15	154 VA
f	LMSW-102	DINING PENDANTS	A-47/CR-16	44 VA
g	LMSW-102	INTERIOR DINING	A-47/CR-17	350 VA
h	LMSW-102	BEVERAGE COUNTER	A-47/CR-18	70 VA
i	LMSW-102	DECORATIVE LIGHTING	A-47/CR-19	55 VA
j	LMSW-104	SCENES		

LIGHTING SWITCHBANK SCHEDULE 4  
NOT TO SCALE E-101



LIGHTING FLOOR PLAN 1  
Scale: 1/4"=1'-0" E-101



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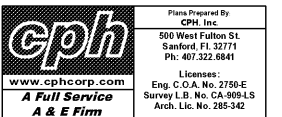
#### REVISIONS:


#### ISSUE DATE:

1	ISSUED FOR BID & PERMIT	12-11-18
2	BID SET	01-30-19

DRAWN BY: E.J.P.

PANDA PROJECT #: S8-19-D6573  
ARCH PROJECT #: P7336



### PANDA EXPRESS

WARM & WELCOME 2200  
ATLANTIC BLVD & MARKETPLACE DR  
JACKSONVILLE, FL 32225

# E-101

LIGHTING FLOOR PLAN