

1. ALL FLUORESCENT FIXTURES SHALL HAVE ELECTRONIC BALLASTS WITH 20% OR LESS THD.
2. CONTRACTOR SHALL PROVIDE ALL REQUIRED HARDWARE, BRACKETS, ETC. FOR A COMPLETE INSTALLATION.
3. ALL LIGHTING FIXTURES SHALL BE SUPPORTED PER NEC 410-36(B). SEE DETAIL, SHEET 4 / E-4.00.
4. CONTRACTOR SHALL INSTALL ALL LIGHTING FIXTURES INCLUDING OWNER-FURNISHED FIXTURES.
5. ALL FIXTURE BALLASTS SHALL BE U.L. LISTED.
6. G.C. SHALL INSTALL OWNER SUPPLIED LED & CUT TO PROPER LENGTH
7. MULTIPLE CIRCUITS IN SAME CONDUIT SHALL HAVE SEPARATE NEUTRALS.
8. ALL FLUORESCENT FIXTURES SHALL HAVE INTEGRAL DISCONNECTING MEANS PER NEC 410.130(G)(1).
9. ALL CIRCUITRY SHOW WITHOUT TICKS SHALL HAVE (2) WIRES PLUS EQUIPMENT GROUNDING CONDUCTOR.
10. "N.L." DESIGNATION INDICATES NIGHT LIGHT UNSWITCHED ON CIRCUIT.
11. CONTRACTOR TO ENSURE THAT LEFT OVER DISTANCE FOR EXTERIOR FIXTURES SHALL BE EQUAL ON BOTH SIDES, AND SHALL NOT HAVE ANY GAP BETWEEN THE LIGHTING FIXTURES.
12. ALL EXTERIOR EMERGENCY LIGHTING TO BE INSTALLED JUST BELOW CANOPY.
13. CONTRACTOR SHALL PROVIDE THE BUILDING OWNER WITH AN OPERATING MANUAL AND MAINTENANCE MANUAL. THESE MANUALS SHALL COMPLY AND INCLUDE EVERYTHING SPECIFIED IN THE 2015 VIRGINIA ENERGY CONSERVATION CODE SECTION C408.3.2.
14. CONTRACTOR SHALL PROVIDE THE BUILDING OWNER WITH DOCUMENTATION THAT CERTIFIES THE INSTALLED LIGHTING CONTROLS MEET DOCUMENTED PERFORMANCE CRITERIA OF SECTION C408 IN THE 2015 VIRGINIA ENERGY CONSERVATION CODE. CONTRACTOR TO PROVIDE THIS DOCUMENTATION TO THE OWNER WITHIN 90 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY.
15. CONTRACTOR SHALL GET THE REGISTERED DESIGN PROFESSIONAL TO PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT THE CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURERS INSTRUCTIONS. FUNCTIONAL TESTING SHALL BE IN ACCORDANCE WITH SECTIONS 2015 VIRGINIA ENERGY CONSERVATION CODE C408.3.1.1 AND C408.3.1.2 FOR THE APPLICABLE CONTROL TYPE.

1. SWITCHBANK 'A': REFER TO SCHEDULE THIS SHEET (4 / E-101).
2. ROUTE CIRCUITS THROUGH CONTACTOR (SWITCH LEGS AS NOTED IN LOWER CASE). REFER TO WIRING DIAGRAM (1 / E-400 FOR MORE INFORMATION.
3. ROUTE THROUGH CONTACTS IN HOOD CONTROL PANEL 'M4' FOR CIRCUIT POWER. REFER TO DETAILS, SHEETS 3 / E-401.
4. PROVIDE SEPARATE UNSWITCHED HOT CONDUCTOR (SAME CIRCUIT, NOT CONTROLLED BY LIGHTING CONTROLS) TO EMERGENCY FIXTURE BATTERY TRIGGER LEADS.
5. DUPLEX RECEPTACLE AT SOFFIT FOR LED ROPE. INSTALL ON BACK OF BULKHEAD ABOVE CEILING. REFER TO DETAILS, SHEET A-403 FOR MORE INFORMATION.
6. WALK-IN COOLER LIGHT FIXTURES AND PILOT LIGHT SWITCH PROVIDED WITH COOLER. REFER TO 'COOLER EVAPORATOR COIL' WIRING DIAGRAM, SHEET 8 / E-400.
7. 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.
8. REFER TO 'EXHAUST FAN CONTROL DIAGRAM, SHEET 5 / E-400, FOR MORE INFORMATION.
9. FIXTURES THIS ROOM SHALL BE LOCALLY SWITCHED.
10. LIGHTING INVERTER TO BE MOUNTED ABOVE THE ELECTRICAL PANELS, NEXT TO CEILING.
11. LED TRANSFORMER LOCATION, MOUNT ABOVE CEILING PER MANUFACTURE'S RECOMMENDATIONS.
12. NOT USED
13. DAYLIGHT HARVESTING IS NOT REQUIRED PER 2015 VIRGINIA ENERGY CONSERVATION CODE C405.2.3(1) EXCEPTION 4. BUILDING IS AN A-2 OCCUPANCY.
14. LOCATION OF MANAGER'S SWITCH BANK. REFER TO DETAIL 4/E-101 ON THIS SHEET FOR ADDITIONAL INFORMATION.
15. SEE SHEET E-100 FOR SHOW WINDOW RECEPTACLES.
16. PER 2015 VIRGINIA ELECTRICAL CODE M403.3.1 (1) (g) TABLE, PROVIDE PLACQUE 15. (FAN SHALL REMAIN ON WHEN BUILDING IS OCCUPIED.)
17. COOLER/FREEZER LIGHTING FIXTURE SHALL HAVE AN EFFICIENCY OF NOT LESS THAN 40 LUMENS PER WATT. ACCORDING TO 2015 VIRGINIA ENERGY CONSERVATION CODE SECTION C403.2.16 (11).
18. THE OVERRIDE SWITCH IS INTENDED TO OVERRIDE THE TIME CLOCK DURING AFTER-HOURS WORK TO TURN ON THE INTERIOR LIGHTS FOR NOT MORE THAN 2 HOURS ACCORDING TO 2015 VIRGINIA ENERGY CONSERVATION CODE SECTION C405.2.2.1.

LIGHTING GENERAL NOTES	2
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NOT TO SCALE | E-101

LIGHTING KEYED NOTES

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- NOTE:
- CONTRACTOR TO INSTALL (2) 5 GANG SWITCH BOXES AS SHOWN BELOW. DO NOT INSTALL SEPERATE/INDIVIDUAL BOXES FOR EACH SWITCH.
 - KIT MEANS KITCHEN
 - CONTRACTOR SHALL LABEL SWITCHES WITH IDENTIFICATION BELOW SWITCH. LETTER TAGS ABOVE SWITCH ARE TAGS ONLY AND ARE NOT TO BE USED AS LABELS.
 - FIXTURES TO BE ROUTED VIA TIME CLOCKS ARE SHOWN ON DETAIL 11/E400.
 - DIMMING SWITCH TO COMPLY WITH SECTION C405.2.2.2 OF 2015 VIRGINIA ENERGY CONSERVATION CODE.

(a)	(b)	(c)	(d)	(e)
\$	\$	\$	\$	\$
KIT. & RR. EX. FANS	KIT. LTG	WALK-IN. MENU LED ACCENTS (DIMMER)	SERVING LINE (DIMMER)	DINING PENDANTS (DIMMER)
(f)	(g)	(h)	(i)	
\$	\$	\$	\$	60:00
INTERIOR DINING (DIMMER)	DECORATIVE LIGHTING (DIMMER)	INTERIOR DINING (DIMMER)	SHOW WINDOW RECEPS	INTERIOR LIGHTING SHUT DOWN OVERRIDE

NOTE:

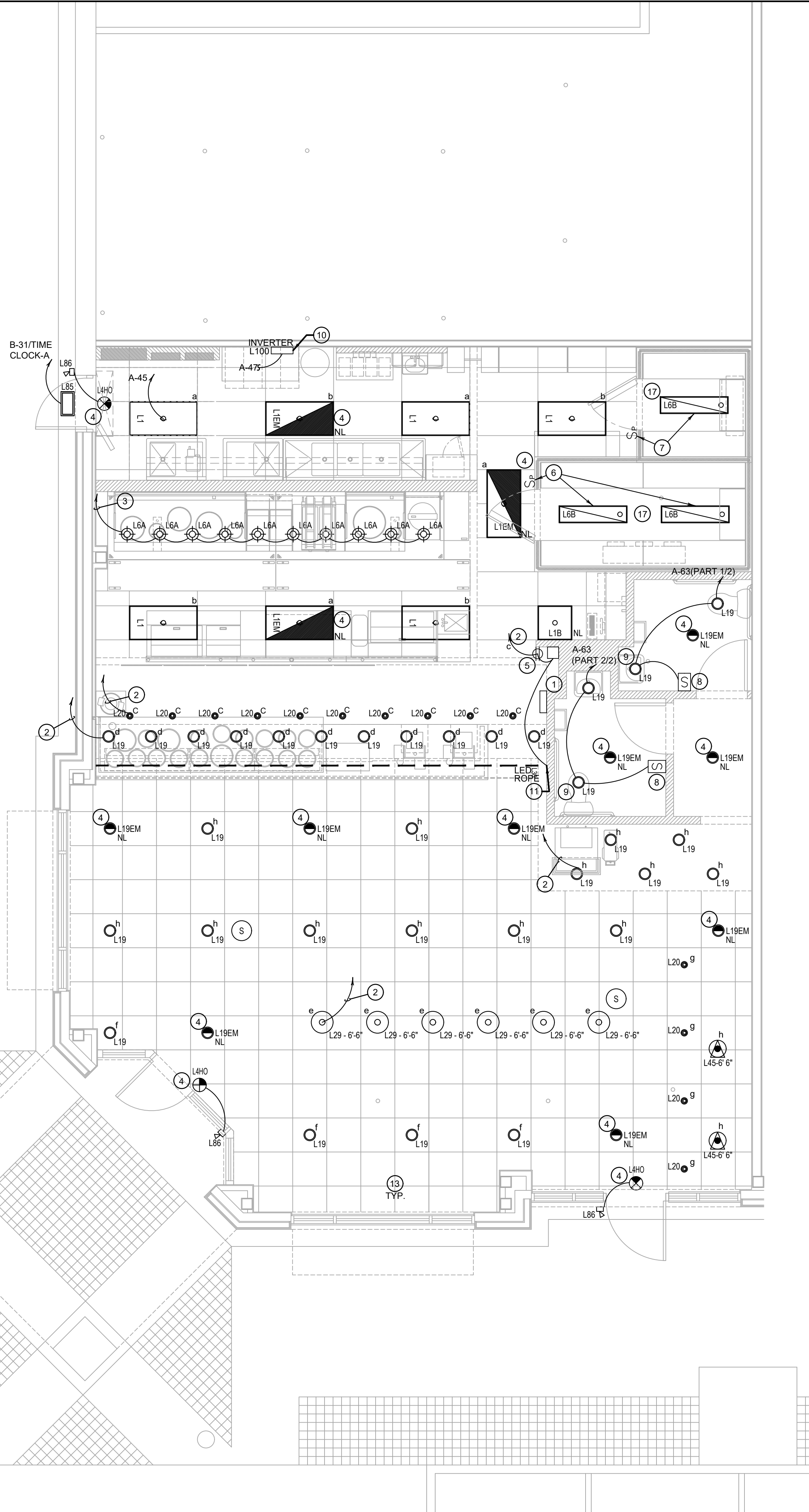
- TAGS SHOWN ABOVE ARE ONLY FOR DESIGN PURPOSES ONLY, AND NOT TO BE USED FOR LABELS.

SWITCHBANK SCHEDULE 'A'

TAG	SWITCH TYPE	AREA SERVED / SWITCH LABEL	CIRCUIT	LOAD
a	TOGGLE SWITCH	KITCHEN / RR FANS	A- 45 / TIME CLOCK-E	530 VA
b	TOGGLE SWITCH	KITCHEN	A- 45 / TIME CLOCK-E	160 VA
c	TOGGLE SWITCH	WALK-INS, MENU, LED ACCENTS	A- 1 / TIME CLOCKE	275 VA
d	TOGGLE SWITCH	SERVING LINE SOFFIT	A- 1 / TIME CLOCK-E	180 VA
e	TOGGLE SWITCH	DINING PENDANTS	A- 47 / TIME CLOCK-E	108 VA
f	TOGGLE SWITCH	INTERIOR DINING	A- 47 / TIME CLOCKE	144 VA
g	TOGGLE SWITCH	DECORATIVE LIGHTING	A- 47 / TIME CLOCKE	350 VA
h	TOGGLE SWITCH	INTERIOR DINING	A- 47 / TIME CLOCK-E	414 VA
i	TOGGLE SWITCH	SHOW WINDOW RECEP	A- 49 / TIME CLOCK-C	720 VA
j	TOGGLE SWITCH	2HRS OVERRIDE		

LIGHTING SWITCHBANK SCHEDULE	4
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LIGHTING FLOOR PLAN	1
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Scale: 1/4"=1'-0" E-10



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REVISIONS

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ISSUE DATE

1	CHECK SET	10-23-20
2	PERMIT SET	03-15-20
3	BID SET	04-02-20

DRAWN BY: KTF / EJP

PANDA PROJECT #: S4-21-D7864

ARCH PROJECT #: P7350

PANDA EXPRESS

END CAP - TENANT BUILD OUT
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E-101

LIGHTING FLOOR PLAN