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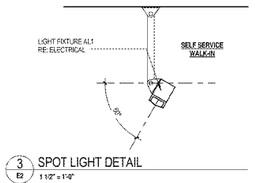
ENERGY CODE NOTE

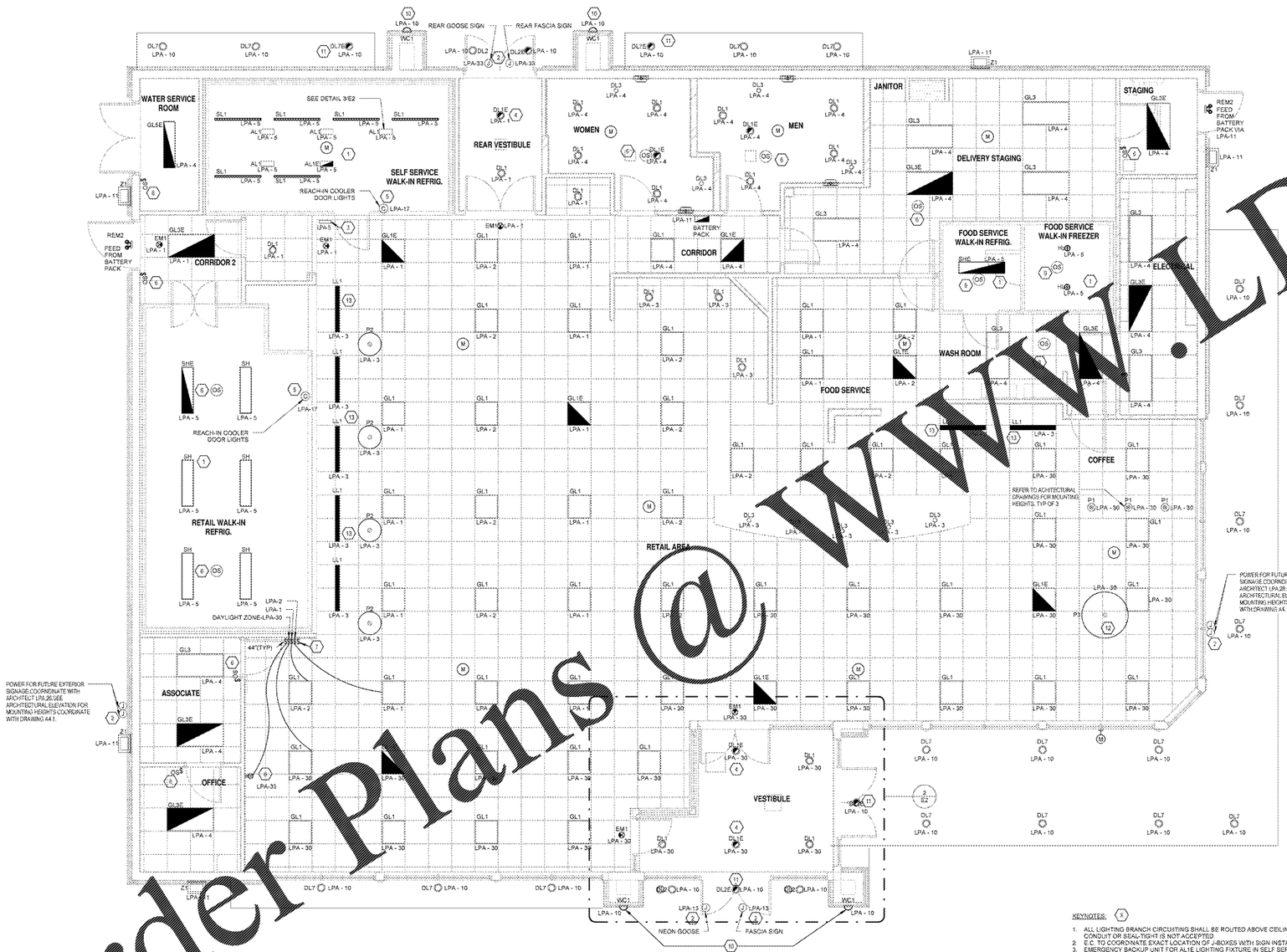
LIGHTING FOR THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH SECTION C405 OF THE FLORIDA BUILDING CODE - ENERGY CONSERVATION, 5TH EDITION 2014

LIGHTING AT THE FRONT OF THE STORE ON SEPARATE CIRCUIT IS DESIGNED FOR DAYLIGHT ZONE CONTROL WITH MANUAL SWITCH PER C405.2.2.3.1

LIGHTING IN THE SELF SERVICE WALK-IN FRIDGE IS MONITORED BY SECURITY CAMERA AND IS A SECURITY AREA, OCCUPANCY SENSOR IS NOT REQUIRED IN THIS SPACE PER EXCEPTION 3 OF SECTION C402.2



3 / E2 SPOT LIGHT DETAIL
1 1/2" = 1'-0"



1 / E2 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

ELECTRICAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL INSTALL LIGHTING FIXTURES AND LAMPS FURNISHED BY WAWA.
2. NO SHARED NEUTRAL BETWEEN CIRCUITS SHALL BE PERMITTED.
3. REFER TO PROJECT SPECIFICATIONS FOR EXTENT OF LIGHTING PRODUCT SPECIFICATIONS.
4. ANY REQUIRED TEMPORARY LIGHTING IS TO BE PER NEC AND LOCAL JURISDICTION.
5. LIGHTING FIXTURES SUPPORTED BY CEILING GRID SHALL ALSO BE SUPPORTED BY HANGWIRES. FIXTURES LESS THAN 10 LBS SHALL BE SUPPORTED BY (1) 12 GAUGE WIRE CONNECTED FROM FIXTURE TO THE STRUCTURE ABOVE. FIXTURE WEIGHING MORE THAN 10 LBS SHALL BE SUPPORTED BY (2) 12 GAUGE WIRES CONNECTED FROM OPPOSITE CORNERS OF THE FIXTURE TO THE STRUCTURE ABOVE. HANGWIRE CONNECTIONS SHALL MEET APPROVAL OF AHJ.
6. ALL LIGHTING SWITCHES TO BE MOUNTED AT 44" AFF UNLESS NOTED OTHERWISE.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF WALL MOUNT AND PENDANT MOUNT FIXTURES.

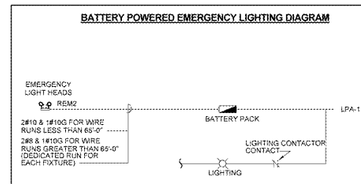
KEYNOTES: (X)

1. ALL LIGHTING BRANCH CIRCUITING SHALL BE ROUTED ABOVE CEILING. EXPOSED CONDUIT OR SEAL-TIGHT IS NOT ACCEPTED
2. E.C. TO COORDINATE EXACT LOCATION OF J-BOXES WITH SIGN INSTALLER
3. EMERGENCY BACKUP UNIT FOR ALTE LIGHTING FIXTURE IN SELF SERV WALK-IN. PHILIPS BODINE ELI-S-20 SURFACE MOUNT TO WALL ABOVE CEILING.
4. CONNECT CIRCUITING FOR TYPE "DL1E" AHEAD OF LIGHTING CONTACTOR SWITCHING
5. CIRCUITING AND CONNECTION FROM JUNCTION BOX TO EQUIPMENT LIGHTING SHALL BE BY REFRIGERATION COMPANY/ CONTRACTOR. E.C. TO LEAVE 18' COIL OF WIRE IN CEILING SPACE FOR THIS CIRCUIT. FINAL CONNECTION BY REFRIGERATION CONTRACTOR. GENERAL CONTRACTOR RESPONSIBLE FOR FINAL CONNECTION OF DOOR LIGHTS AND HEAT.
6. PROVIDE MOTION DETECTOR OCCUPANCY SENSORS WITH DETECTION DISTANCE RATINGS TO ALLOW THE SENSORS TO FUNCTION PROPERLY AT THE LOCATIONS SHOWN ON THIS PLAN. RESTROOM OCCUPANCY SENSOR ARE TO BE SET AT 30 MINUTES.
7. SWITCH TO CONTROL LIGHTS IN SELF SERV WALK-IN COOLER.
8. WALL MOUNTED LIGHTED WAWA SIGN WITH DISCONNECT SWITCH (MULBERRY # 30482 SINGLE POLE, 20 AMP). DISCONNECT SWITCH TO BE LOCATED WITHIN SIGHT OF SIGN. SEE DETAIL #11 ON SHEET A5 FOR MOUNTING OF RECEPTACLE AND SIGN.
9. PROVIDE (SENSOR SWITCH IP-DMR-10-LT) OCCUPANCY SENSOR.
10. FIXTURE SHALL BE SECURED TO WALL AT 2 POINTS TO PREVENT MOVEMENT/ROTATION.
11. PROVIDE POWER TO THE EMERGENCY BALLAST OF THIS FIXTURE AHEAD OF ANY SWITCHING, DIRECT FROM BREAKER. CIRCUIT TO NORMAL FIXTURE BALLAST THROUGH LIGHTING CONTACTOR.
12. SECURE THIS LIGHTING FIXTURES J-BOX WITH UNISTRUT TIED TO STRUCTURE.
13. ORIENT FIXTURE WITH MIRROR SIDE TOWARD WALL.

LIGHTING FIXTURE SCHEDULE

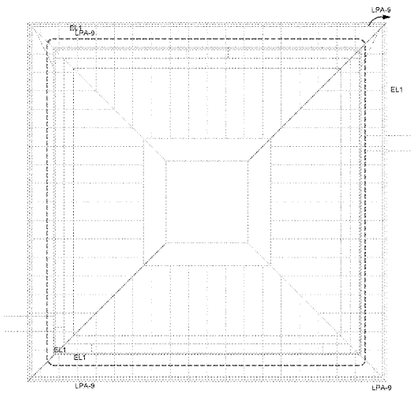
TYPE	SPECIFICATION
AL1	12' WET LOCATION, SURFACE MOUNT ADJUSTABLE LINEAR LED, AIM FIXTURES DOWN ON BEER SHELVING. 60° FROM HORIZONTAL.
AL1E	12' WET LOCATION, SURFACE MOUNT ADJUSTABLE LINEAR LED WITH REMOTE EMERGENCY BACKUP POWER.AIM FIXTURE DOWN ON BEER SHELVING.
DL1	RECESSED 6" LED DOWNLIGHT DAMP LOCATION
DL1E	RECESSED 6" LED DOWNLIGHT DAMP LOCATION EMERGENCY BATTERY BACKUP
DL2	RECESSED 6" LED DOWNLIGHT ADJUSTABLE LAMP ANGLE DAMP LOCATION
DL2E	RECESSED 6" LED DOWNLIGHT ADJUSTABLE LAMP ANGLE DAMP LOCATION EMERGENCY
DL3	RECESSED 4" LED DOWNLIGHT DAMP LOCATION
DL7	RECESSED 6" LED DOWNLIGHT DAMP LOCATION, 1 INCH TRIM RING
DL7E	RECESSED 6" LED DOWNLIGHT DAMP LOCATION EMERGENCY BATTERY BACKUP, 1 INCH TRIM RING
EL1	WET LOCATION LED MODULES WITH REMOTE POWER SUPPLY - APPROXIMATELY (6) 30 MODULE STRINGS
EL2	WET LOCATION LED ASSEMBLY WITH REMOTE POWER SUPPLY WITH REMOTE POWER SUPPLY (3) 4' LED FIXTURES UP ON WALL ABOVE WINDOWS. AIM FROM HORIZONTAL
EL3	WET LOCATION LED ASSEMBLY WITH REMOTE POWER SUPPLY WITH REMOTE POWER SUPPLY (3) 4' LED FIXTURES UP ON WALL ABOVE WINDOWS. AIM 60° FROM HORIZONTAL
EM1	1/4 WATT EMERGENCY LED FIXTURE
GL1	4' WET LOCATION RECESSED LED LINEAR WALL WASHER
GL1E	4' WET LOCATION RECESSED LED LINEAR WALL WASHER WITH EMERGENCY BATTERY BACK-UP
GL2	2'X2' RECESSED LED DIRECT/INDIRECT
GL2E	2'X2' RECESSED LED DIRECT/INDIRECT AND EMERGENCY POWER BATTERY
GL3	6"X1' SURFACE MOUNT LENSED LED. EMERGENCY BATTERY
HL	HEDGE LIGHT INCANDESCENT CEILING SURFACE
LL1	6" X4' RECESSED LED LINEAR WALL WASHER
P1	DECORATIVE PENDANT DRUM FIXTURE 14" HIGH BY 12" DIAMETER WITH ESCUTCHEON PLATES.MEDIUM BASE SOCKET AND LED 'A' LAMP
P2	SMALLER 24" DIAMETER COMPACT LED "DRUM" TYPE DECORATIVE PENDANT LIGHTING FIXTURE WITH ESCUTCHEON PLATES
P3	48" DIAMETER COMPACT LED "DRUM" TYPE 1 DECORATIVE PENDANT LIGHTING FIXTURE WITH ESCUTCHEON PLATES
REM2	WET LOCATION EMERGENCY LAMP (SNAL HEADS) FED FROM BATTERY PACK (SEE DIAGRAM THIS SHEET)
RF	WALL MOUNTED LED WET LOCATION FIXTURE WITH GUARD. (FOR USE IN ROOF POCKET SEE DWG #E3).
SH	GASKETED LED WRAP AROUND UL WET LABEL WITH LOW TEMPERATURE BALLAST
SHE	GASKETED LED WRAP AROUND UL WET LABEL WITH LOW TEMPERATURE BALLAST AND EMERGENCY BATTERY PACK WITH CHARGER WITH INVERTER
UL1	4' WET LOCATION SURFACE MOUNTED LINEAR LED
WC1	WET LOCATION EXTERIOR DECORATIVE WALL SCONCE
Z1	WET LOCATION LED CUTOFF WALL MOUNTED AREA LIGHT WITH GLARE SHIELDS

BATTERY POWERED EMERGENCY LIGHTING DIAGRAM



SYMBOL LEGEND

	BATTERY UNIT TO MEET ALL STATE & LOCAL CODES MOUNT TO WALL ABOVE CEILING AT LOCATION SHOWN ON PLAN	(C)	WIRE COIL FOR FUTURE USE
	EXIT LIGHT - CEILING MOUNTED DOUBLE FACE	(J)	JUNCTION BOX WALL MTD
	EXIT LIGHT - CEILING MOUNTED SINGLE FACE	(J)	JUNCTION BOX CEILING MTD
	EXIT LIGHT - WALL MOUNTED	$	SWITCH, 44" AFF UNO.
	EMERGENCY REMOTE HEAD (DOUBLE)	$3	3 WAY SWITCH
(OS)	CEILING MOUNTED MOTION DETECTOR-OCCUPANCY SENSOR (SET SENSOR TO 30 MINUTES SHUT OFF)	$OS	WALL MOUNTED MOTION DETECTOR-OCCUPANCY SENSOR (SET SENSOR TO 20 MINUTES SHUT OFF)
		$T	SWITCH WITH TIME DELAY
		(M)	MUSIC SPEAKER WITH VOLUME CONTROL
		(M)	WALL MOUNT MUSIC SPEAKER WITH VOLUME CONTROL



2 / E2 TOWER SOFFIT LIGHTING
1/4" = 1'-0"

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PROJECT NAME
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25500 U.S. 19 NORTH
CLEARWATER, FL. 33761

SHEET TITLE
LIGHTING PLAN

Revision Schedule		
No.	Description	Date
1	PERMIT SET	01/17/2017
2	PRICING REVIEW SET	07/26/2017
3	BID SET	08/08/2017

PROJECT NO. 2016.022
DATE 01/17/2017
DRAWN SM
CHECKED CHECKED

E2

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