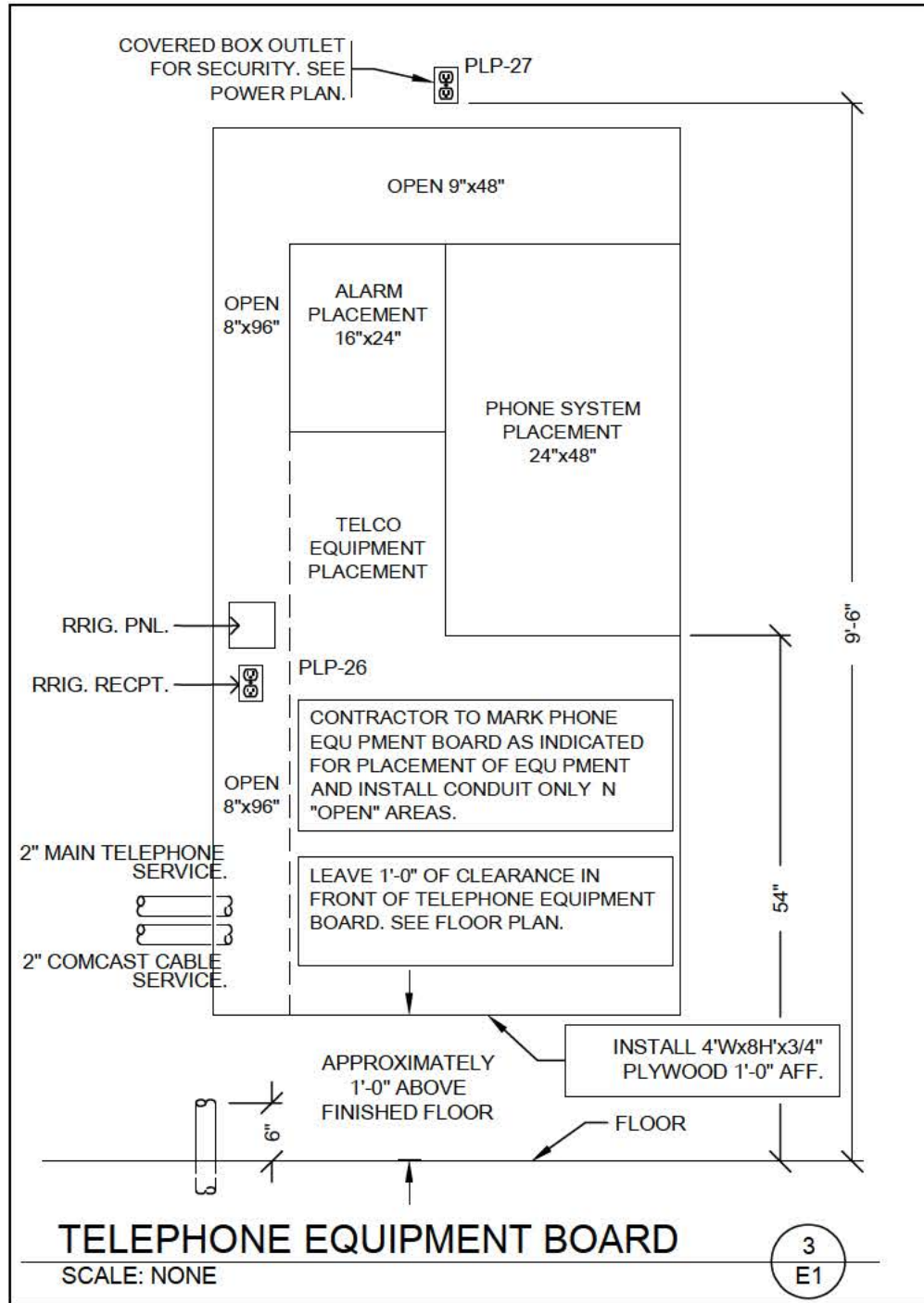


LIGHT FIXTURE SCHEDULE																		GRAYBAR OREILLY TEAM EMAIL: oreilly@graybar.com TOLL FREE: (314) 573-2080 NO SUBSTITUTES	
ALL ITEMS LISTED ON THE "LIGHT FIXTURE SCHEDULE" WILL BE SUPPLIED BY THE OWNER (O'REILLY). ITEMS SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR.																		GRAYBAR ELECTRIC CO. INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146	
MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	MOUNTING				LAMPS				(General Electric) LAMP CATALOG NUMBER/TYPE	WATTAGE	DESCRIPTION OF ACCESSORIES	NOTES	TOTAL		
					LAY-IN	RECESSED SURFACE WALL	SURF. CEILING	OTHER	FLUORESCENT I.L.D.	INCANDESCENT LED	OTHER	LAMP QUANTITY							
LED DIMMABLE LIGHTS - ALL INDOOR LIGHT FIXTURES SHALL HAVE DISCONNECT MEANS TO COMPLY WITH NEC 410.130 (3)																			
A	LSI	SDL 8 LED 80L FL UNV DIMI 40 80CRI OR NO SUBSTITUTIONS	120	WHITE				X			X		---	62	GRID HANGER (2 PER FIXTURE)	GRID HANGER (#648480) (CEILING GRID ONLY) 0-10 VOLT DIMMING DRIVER STANDARD	52		
B	LSI	SDL 4 LED 40L FL UNV DIMI 40 80CRI OR NO SUBSTITUTIONS	120	WHITE				X			X		---	30	GRID HANGER (2 PER FIXTURE)	GRID HANGER (#648480) (CEILING GRID ONLY) 0-10 VOLT DIMMING DRIVER STANDARD. OMIT GRID HANGER @ HARD CEILING	9		
C	LSI	SDL 8 LED 80L FL UNV DIMI 40 80CRI OR NO SUBSTITUTIONS	120	WHITE				X			X		---	62	5' CHAIN HANGING KIT (1 PER FIXTURE)	HANG TOP OF FIXTURE AT 12" AFF. WITH CHAIN HANGERS AND LENGTH OF CHAIN AS REQUIRED. 0-10 VOLT DIMMING DRIVER STANDARD	33		
D	LSI	SDL 4 LED 40L FL UNV DIMI 40 80CRI OR NO SUBSTITUTIONS	120	WHITE				X			X		---	30	5' CHAIN HANGING KIT (1 PER FIXTURE)	HANG TOP OF FIXTURE AT 12" AFF. WITH CHAIN HANGERS AND LENGTH OF CHAIN AS REQUIRED. 0-10 VOLT DIMMING DRIVER STANDARD	8		
COMB NATION EXIT/ EMERGENCY LIGHTS, EMERGENCY LIGHTS & EXTERIOR EMERGENCY REMOTE HEADS																			
XR	COOPER	APCH7R (RED LETTERS)	120	WHITE			X	X			X	2	LED EXT + (2) 3.6V.	2.34	UNIVERSAL WALL/CLG. SINGLE OR DOUBLE FACE	BACKUP BATTERIES SHALL MAINTAIN 100% ILLUMINATION FOR A MINIMUM OF 90 MINUTES TO COMPLY WITH ARTICLE 700.12 (A) OF THE N.E.C.	9		
EM	COOPER	APEL	120	WHITE			X	X			X	2	3.6V.	0.33	UNIVERSAL WALL/ CLG.	BACKUP BATTERIES SHALL MAINTAIN 100% ILLUMINATION FOR A MINIMUM OF 90 MINUTES TO COMPLY WITH ARTICLE 700.12 (A) OF THE N.E.C.	15		
RH2	COOPER	APWR2 Dual Voltage (RFC 1003.2.10.5)	6V. DC	WHITE			X				X	2	LED REMOTE HEAD	0	WALL MOUNT	POWERED BY EMERGENCY "XR" FIXTURE	3		
LED EXTERIOR LIGHTS																			
PC	INTERMATIC	PHOTOCCELL #4251	120	DARK BRONZE			X						---	---	---	MOUNT ABOVE WALL PACK LOCATED NEAR FREIGHT DOOR.	1		
L	LSI	LAD6 41 LED 40 75 UE TRBR SFHAZ	120	CLEAR		X					X	1	---	45	---	RECESSED CAN.	1		
WP1	LSI	XWM-FT-LED-06L-40-UE-BRZ	120	DARK BRONZE			X				X	1	---	59	---	FULL CUT-OFF, MOUNT 12" A.F.F. TO CENTERLINE OF FIXTURE.	2		
WS1	LSI	XWM-FT-LED-DBL-40-UE-BRZ	120	DARK BRONZE			X				X	1	---	59	---	FULL CUT-OFF, PARAPET WALL	1		
F4	LSI	XWM-FT-LED-06-40-UE-BRZ	120	DARK BRONZE			X				X	1	---	59	---	FULL CUT-OFF.	2		

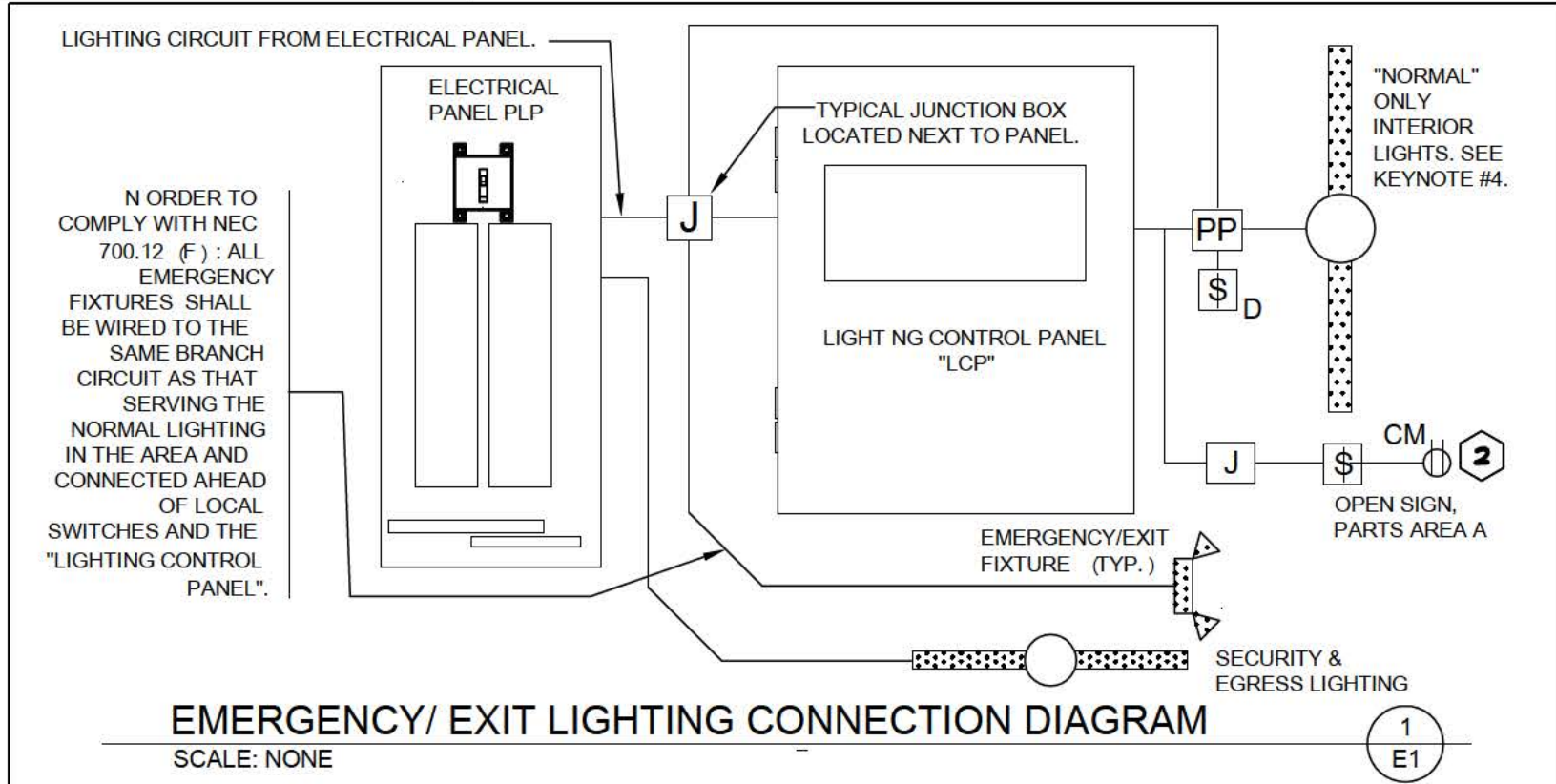
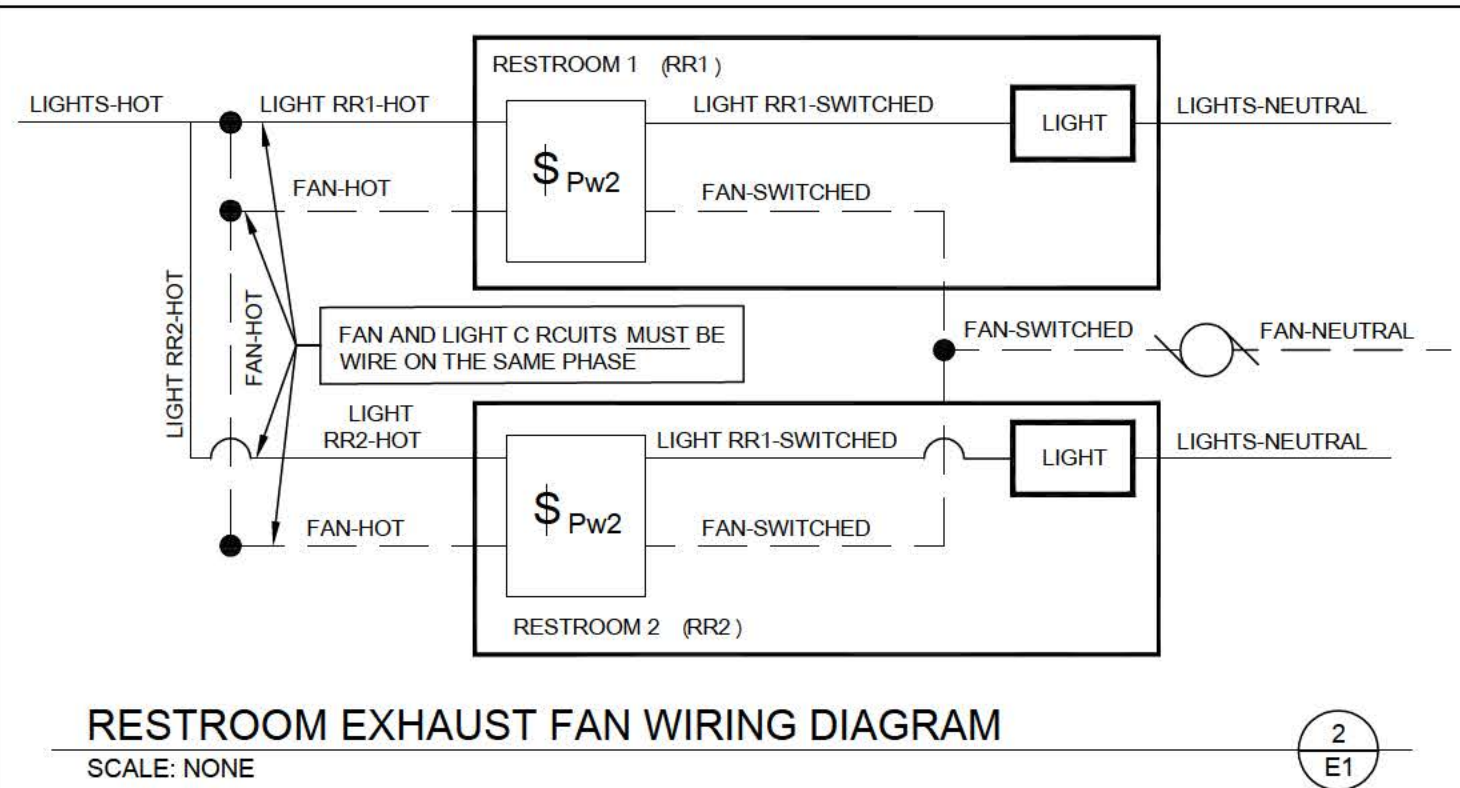
GENERAL NOTES

- LIGHTING AND EQUIPMENT BRANCH CIRCUIT BREAKERS ARE SERIES RATED WITH REMOTE MAIN BREAKERS IN ACCORDANCE WITH UL 489.
- PANELBOARD COMPONENTS INCLUDING OVERCURRENT PROTECTION DEVICES SHALL BE FULLY RATED FOR THE AVAILABLE FAULT CURRENT.
- NO DESIGN CHANGES MAY BE MADE TO THE SYSTEM WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND THE ELECTRICAL INSPECTOR.
- A.I.C. RATING SHOWN AT THE PANEL BOARD IS MINIMUM RATING FOR OVERCURRENT PROTECTION DEVICES. EACH DEVICE SHALL BE FULLY RATED WITH UPSTREAM DEVICES AT AFC AS SHOWN ON PANEL SCHEDULE.
- ELECTRICAL BOXES AND/OR CONDUIT INSTALLED IN SUSPENDED CEILINGS SHALL NOT EXCEED 100 CUBIC INCHES IN SIZE, AND THEY SHALL EITHER BE FASTENED TO FRAMING MEMBERS BY BOLTS, SCREWS, RIVETS OR APPROVED CLIPS, OR SECURED TO CEILING SUPPORT.



LIGHTING - KEYNOTES

- MOUNT J-BOX INSIDE BUILDING & FLEX CONDUIT THRU WALL FOR POWER SUPPLY TO ILLUMINATED SIGN. EXACT LOCATIONS OF PENETRATIONS SHALL BE COORDINATED WITH SIGN COMPANY. PENETRATIONS SHALL BE BEHIND SIGNAGE. WATERPROOF W/ ELASTOMERIC POLYURETHANE (NO EXCEPTIONS) EQUAL TO "VULKEM" 116. WIRE TO SIGN WITH 15' OF WIRING "WHIP" SHALL BE FLEX OR TYPE MC CABLE. COIL AND "CABLE TIE" W RINGS "WHIP TO WALL ABOVE CEILING. TYPICAL.
- TO "OPEN" SIGN. SEE SHEET E2.
- SEE "E" PANEL TRANSFER SWITCH SCHEDULE FOR POSITION OF CIRCUIT Wires THROUGH TRANSFER SWITCH.
- VIA LIGHTING CONTROL PANEL. SEE EM SHEET.
- DIMMER LIGHTING CONTROL SWITCHES LOCATED ON OUTSIDE WALL OF OFFICE. SEE LIGHTING PLAN FOR QUANTITY. SEE DETAILS ON SHEET E4 FOR MORE INFORMATION.
- SUSPEND 8'-0" A.F.F. THIS FIXTURE ONLY.
- ROUTE THE OFFICE AND RESTROOMS LIGHTING CIRCUIT THRU THE LOCAL OCCUPANCY SENSORS AND DIRECTLY TO THE CIRCUIT BREAKER. THESE FIXTURES SHALL NOT BE SWITCHED BY THE LIGHTING CONTROL PANEL. SEE "E" PANEL TRANSFER SWITCH SCHEDULE FOR POSITION OF CIRCUIT WIRES THROUGH TRANSFER SWITCH.
- WALL MOUNTED FIXTURES TO BE ROUTED TO GRIDPOINT SYSTEM AS NOTED. PROVIDE BACK BOXES, FIXTURES MOUNTED AT 16'-6".
- SECURITY & EGRESS FIXTURE TO BE AS CLOSE AS POSSIBLE BUT NOT OVER THE OVERHEAD DOOR WHEN OPEN.
- ROUTE SECURITY & EGRESS LIGHTING CIRCUIT DIRECTLY TO THE ELECTRICAL PANEL.
- EC SHALL PROVIDE CEILING SUPPORT AS REQUIRED FOR EXIT AND EMERGENCY INSTALLATION.
- EC SHALL PROVIDE ADDITIONAL SUPPORT AT STRUCTURAL AS REQUIRED FOR EXIT AND EMERGENCY INSTALLATION.



INTERIOR LIGHTING ZONES

ALL INTERIOR LIGHTING WITH PARTS AREA "A" SHALL BE CONSIDERED "SALES" ZONE (ON ONLY WHEN STORE IS OPEN FOR BUSINESS).

ALL INTERIOR LIGHTING WITH PARTS AREA "B", PARTS AREA "C", RESTROOMS, OFFICE, AND BREAK AREA SHALL BE CONSIDERED "WORK" ZONES (ON WHENEVER THERE IS MOTION OR THE STORE IS OPEN).

EMERGENCY/EXIT LIGHTING

PLACE EXIT SIGNS HIGH ENOUGH TO BE SEEN ABOVE ALL MERCHANDISE WITH THE FOLLOWING LIMITATION: THE MAXIMUM HEIGHT FOR AN EXIT LIGHT ASSOCIATED WITH A SPECIFIC OPENING (I.E. MOUNTED OVER A DOOR OR OPENING) SHALL BE NO GREATER THAN THE CODE ALLOWED 6'-8" ABOVE THE TOP EDGE OF THE DOOR OR OPENING.

NOTE: ELECTRICAL TRADE SHALL WIRE NL LIGHTING TO SEPARATE INDEPENDENT UN-SWITCHED CIRCUIT. WIRE IN SEPARATE RACEWAY. WIRING IS NOT SHOWN FOR CLARITY. NO APPLIANCES, LAMPS OTHER THAN THOSE SPECIFIED AS REQUIRED FOR NIGHT LIGHT USE SHALL BE SUPPLIED BY NIGHT LIGHT CIRCUIT.

AUTOMATIC LIGHTING CONTROL

COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:

- ONCE THE EMS HAS BEEN PROGRAMMED, THE INTERIOR AND EXTERIOR LIGHTS WILL TURN ON AND OFF USING THE FOLLOWING LOGIC: SEE EM SHEETS.

INTERIOR WORK LIGHTS WILL TURN ON WITH FIRST MOTION IN THE STORE AND WILL TURN OFF 15 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.

INTERIOR SALES LIGHTS WILL TURN ON AT STORE OPENING AND TURN OFF 15 MINUTES AFTER STORE CLOSING.

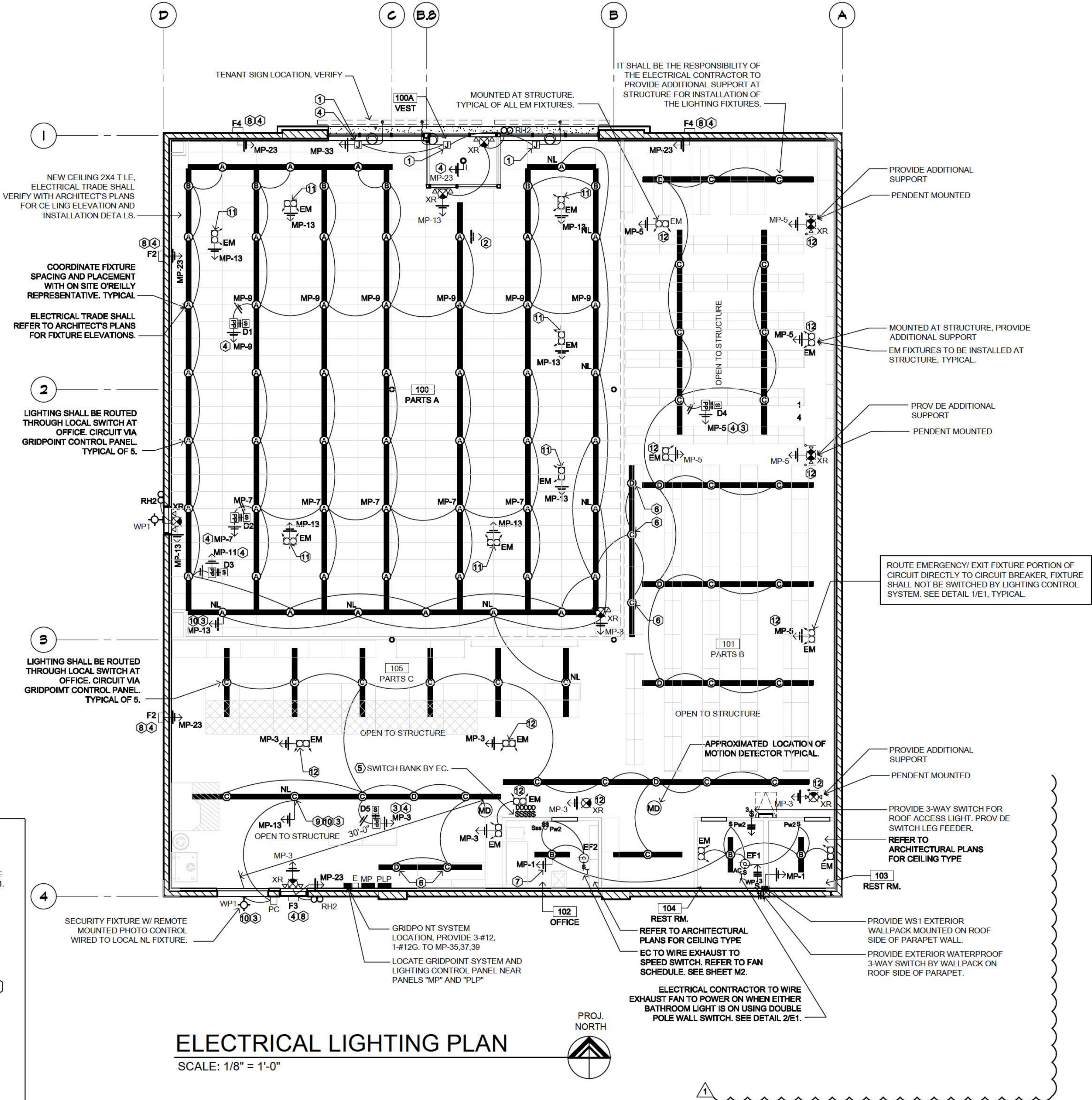
EXTERIOR SIGN LIGHTS WILL TURN ON WHEN IT'S DARK ENOUGH OUTSIDE ANYTIME DURING STORE HOURS, AND WILL TURN OFF AT STORE CLOSING.

EXTERIOR SITE LIGHTS WILL TURN ON WHEN IT IS DARK ENOUGH OUTSIDE AND IT IS WITHIN STORE HOURS OR THERE IS MOTION IN THE STORE. THEY WILL TURN OFF 30 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.

FOR NEW CONSTRUCTION LOCATIONS ONLY, THERE IS A TEMPORARY PROGRAM TO KEEP SIGN AND SITE LIGHTS ON UNTIL MIDNIGHT RATHER THAN THE TIMES INDICATED ABOVE. O'REILLY WILL DISABLE THIS PROGRAM ONE YEAR AFTER STORE OPENING.
- RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.

CONDUIT REQUIREMENTS

ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:
A. MC-CABLE (MAXIMUM CABLE LENGTH OF 6'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
B. "MC-CABLE" (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2 SHEET." SEE SHEET E4 FOR MORE REQUIREMENTS



ELECTRICAL LIGHTING PLAN

SCALE: 1/8" = 1'-0"

1/13/20

REVISIONS

THIS DRAWING	FOR COORDINATION	FOR BIDDING	FOR PERMIT	FOR CONSTRUCTION
	1/12/19	1/12/19	1/12/19	1/12/19

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DOLTON, IL 60419
FOR: DEPARTMENT PROPERTY GROUP, LLC

SHEET TITLE
ELECTRICAL LIGHTING PLAN
ELECTRICAL SCHEDULES
ELECTRICAL NOTES

1906

E1