

LIGHT FIXTURE SCHEDULE																	
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. 11895 LACKLAND ROAD ST. LOUIS, MO 63146																	
GRAYBAR O'REILLY TEAM EMAIL: oreilly@graybar.com TOLL FREE: (314) 573-2080																	
MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	MOUNTING				LAMPS				WATTAGE	DESCRIPTION OF ACCESSORIES	NOTES	FIXTURE QUANTITY	
					LAY-IN	RECESSED	SURFACE WALL	OTHER	FLUORESCENT	LED	OTHER	(General Electric) LAMP CATALOG NUMBER/TYPE					
<b>LED DIMMABLE LIGHTS - ALL INDOOR LIGHT FIXTURES SHALL HAVE DISCONNECTING MEANS TO COMPLY WITH NEC 410.130(G)</b>																	
A	LSI	SDL8 LED 80L FL UNV DIM1 40 BOCRI 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	SDL4 LED 40L FL UNV DIM1 40 BOCRI 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.	14	
C	LSI	SDL8 LED 80L FL UNV DIM1 40 BOCRI OR NO SUBSTITUTIONS	120	WHITE				X	X				62	3" CHAIN HANGING KIT (1 PER FIXTURE)	HANG TOP OF FIXTURES AT 12" A.F.F. WITH CHAIN HANGERS AND LENGTH OF CHAIN AS REQUIRED. 0-10 VOLT DIMMING, DRIVER STANDARD.	32	
D	LSI	SDL4 LED 40L FL UNV DIM1 40 BOCRI OR NO SUBSTITUTIONS	120	WHITE				X	X				30	3" CHAIN HANGING KIT (1 PER FIXTURE)	HANG TOP OF FIXTURES AT 12" A.F.F. WITH CHAIN HANGERS AND LENGTH OF CHAIN AS REQUIRED. 0-10 VOLT DIMMING, DRIVER STANDARD.	11	
<b>COMBINATION EXIT/EMERGENCY LIGHTS, EMERGENCY LIGHTS &amp; EXTERIOR EMERGENCY REMOTE HEADS</b>																	
XR	COOPER	APCH7R (RED LETTERS)	120	WHITE		X	X		X			2	LED EXIT + (2) 3.6V	2.34	UNIVERSAL (WALL/CLG.) SINGLE PR 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.	5
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.	20
RH2	COOPER	APWR2	3.6V DC	WHITE		X			X			2	LED REMOTE HEAD	0		POWERED BY EMERGENCY "XR" FIXTURE.	3
<b>LED EXTERIOR LIGHTS</b>																	
PC	INTERMATIC	PHOTOCELL - #K4251	120	DARK BRONZE		X										MOUNT ABOVE WALL LIGHT LOCATED NEAR FREIGHT DOOR.	1
L	LSI	LAD6 41 LED 40 75 UE TR6R SFHAZ	120	CLEAR	X				X			1				RECESSED CAN.	1
WSX	SEE "SP1" SHEET FOR EXTERIOR LIGHTING WALL SCONCE FIXTURE SCHEDULE																
PX	SEE "SP1" SHEET FOR EXTERIOR LIGHTING POLE LIGHT FIXTURE SCHEDULE																
<b>FIXTURE QUANTITY TO BE VERIFIED WITH LIGHTING PLAN QUANTITY</b>																	

- ### 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 "VULKEN" 118. WIRE TO SIGN WITH 15' OF WIRING "WHIP" (SHALL BE FLEX OR TYPE MC CABLE). COIL AND "CABLE TIE" WIRING "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 RESTROOM'S 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.
  - REFER TO ARCHITECTURAL ELEVATIONS SHEETS SHOWING DIMENSIONED LOCATIONS. TYPICAL ALL WALL SCONCES.
  - 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.

### 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'S DARK ENOUGH OUTSIDE AND 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.
- RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.

**SEISMIC RESTRAINTS (ONLY REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E,F)**

**CONTRACTOR TO REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.**

IF REQUIRED SEE SEISMIC DETAILS SHEET ME1.

### 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 8'-8" ABOVE THE TOP EDGE OF THE DOOR OR OPENING.

### CONDUIT REQUIREMENTS

ALL WIRING SHALL BE IN CONDUIT EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:

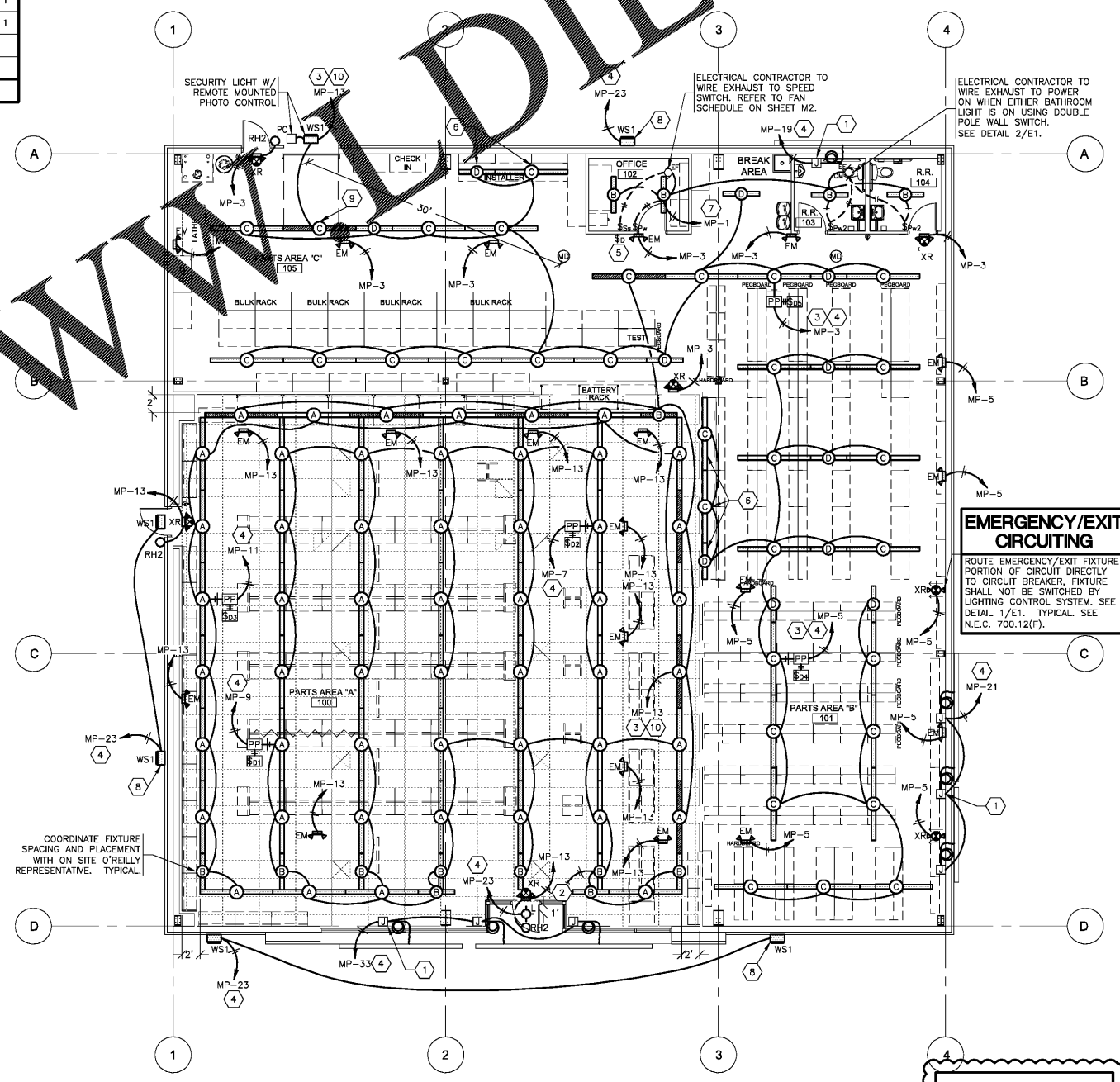
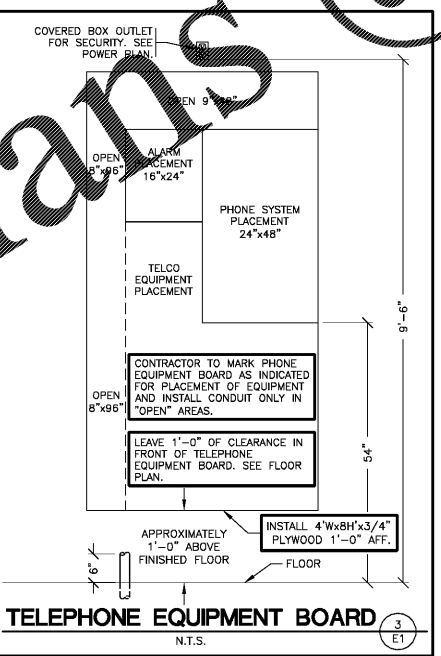
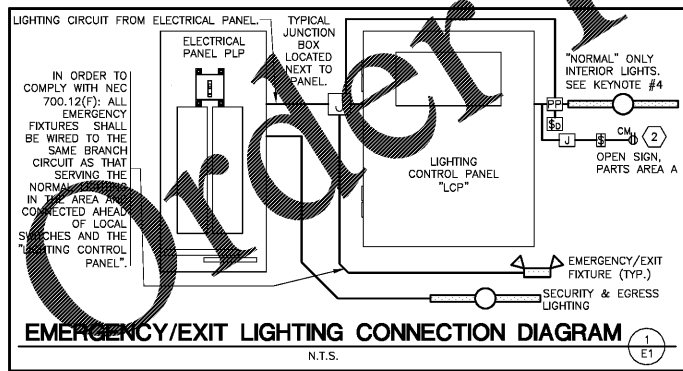
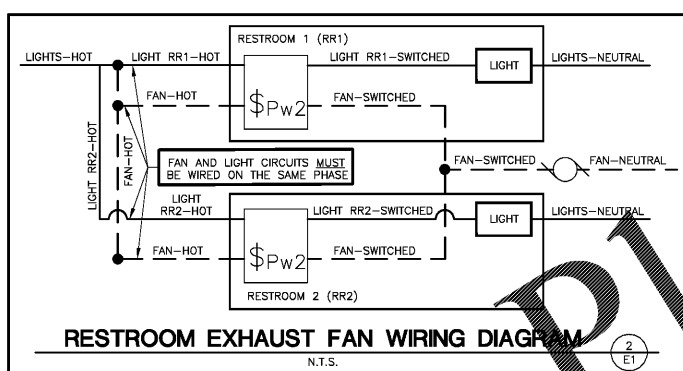
- MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
- MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2 SHEET.

SEE SHEET E4 FOR MORE REQUIREMENTS.

### INTERIOR LIGHTING ZONES

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

ALL INTERIOR LIGHTING WITHIN 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).



FLOOR PLAN REVISED. NO CHANGE TO MPE SYSTEM.

**SGE**  
SMITH-GOGH ENGINEERS, INC.  
3885 S. JEFFERSON AVE. P.O. BOX 2200  
SPRINGFIELD, FL 32081-2200  
TEL: 407-885-1166  
WWW.SMGH.COM

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PROJECT: **NEW O'REILLY AUTO PARTS STORE**  
463352 S.R. 200  
YULEE, FL 32097

**O'Reilly AUTO PARTS**  
CORPORATE OFFICES  
238 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
(417) 882-6874 TELEPHONE

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DESIGNER: **LB** CHECKED BY: **NEG**  
DATE: **10/19/2018**  
REVISION: **ADD001 10/24/18**  
PROJECT NUMBER: **YUL**  
SHEET NUMBER: **E1**

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