EXTERIOR 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.
11885 LACKLAND ROAD
ST. LOUIS, MO 63146

GRAYBAR OREILLY TEAM
EMAIL: oreilly@graybar.com
TOLL FREE: (314) 573-2080

MARK	MFR.	CATALOG NUMBER	SUPPLY VOLTAGE	FINISH	MOUNTING: SURFACE WALL	MOUNTING: SURF. CEILING	MOUNTING: OTHER	LAMPS TYPE: FLOURESCENT	LAMPS TYPE: LED	LAMPS TYPE: OTHER	LAMPS: QUANTITY	WATTAGE	NOTES	FIXTURE QUANTITY
LED EXTERIOR LIGHTS														
WS1	LSI	XWM-FT-LED-08L-50-UE-BRZ NO SUBSTITUTIONS	120	DARK BRONZE	X				X		1	59	FULL CUT-OFF, BUG RATING B1-U0-G1. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATIONS.	5
LED POLE LIGHTS														
P1	LSI	XALM-FT-LED-SS-50-UE-BRZ-IL	120	DARK BRONZE			X		X		1	154	25' POLE LENGTH, ADVANCE BALLASTS, FULL CUT-OFF, NO SUBSTITUTIONS. ANCHOR BOLTS W/HARDWARE & TEMPLATE. WITH INTERNAL LOUVER HOUSE SIDE SHIELD, BUG RATING B2-U0-G3	3
	LSI	5SQB3-S11G-25-S-BRZ-LAB-5BC												

FIXTURE QUANTITY TO BE VERIFIED WITH SITE PLAN QUANTITY

BACKLIGHT-UPLIGHT-GLARE (BUG) RATING / FULL CUTOFF

SEE CUT-SHEET BELOW OF EXTERIOR LIGHT FIXTURES. ALL OF THE LSI XALM & XWM LED FIXTURES HAVE ZERO UPLIGHT AND ARE CONSIDERED "FULL CUT OFF" AND DARKSKY COMPLIANT". BELOW ARE THE "BUG" RATINGS, AS TESTED TO IDENTIFY HOW MUCH OF THE LIGHT GOES BACKWARDS, UPWARDS AND TO THE GROUND. THE CHART BELOW SHOWS THAT THESE FIXTURES HAVE BUG RATINGS WITH (UPLIGHT) U = 0.

LSI Outdoor LED Fixture BUG Summary
9/26/2017

Catalog Number	Fixture Lumens	Fixture Watts	Lumens/Watt	IES Class	Long Class	BUG Rating
XALM-3-LED-SS-50-IL	15,943	154	102	Type III	Short	B1-U0-G3
XALM-5W-LED-SS-50-IL	11,831	153	77	Type III	Short	B2-U0-G2
XALM-FT-LED-SS-50-IL	14,362	154	93	Type IV	Short	B2-U0-G3
XWM-3-LED-08-50	6,571	54	122	Type III	Medium	B1-U0-G1
XWM-FT-LED-06-50	6,523	54	121	Type IV	Short	B1-U0-G2

AUTOMATIC LIGHTING CONTROL

COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:

1. 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 ITS DARK ENOUGH OUTSIDE ANYTIME DURING STORE HOURS, AND WILL TURN OFF AT STORE CLOSING.

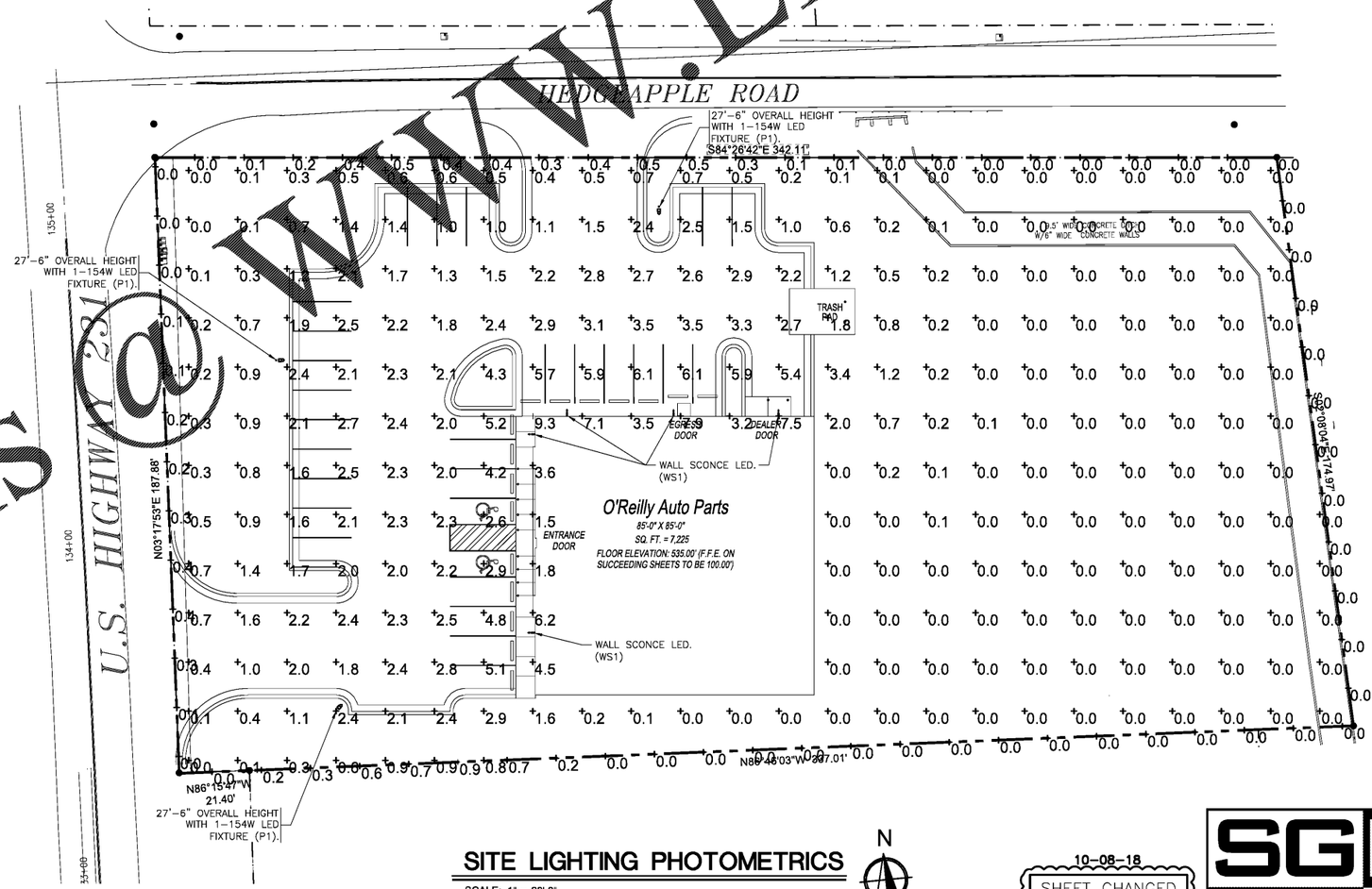
   EXTERIOR SITE LIGHTS WILL TURN ON WHEN IT IS DARK ENOUGH OUTSIDE AND IT IS WITHIN STORE HOURS OR THERE IS MOTION IN THE STORE. THEY WILL TURN OFF 30 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.

   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.

2. RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Parking	+	1.1 fc	9.3 fc	0.0 fc	N/A	N/A	N/A



SITE LIGHTING PHOTOMETRICS

SCALE: 1" = 20'-0"

N (STATE PLANE NORTH)

10-08-18
SHEET CHANGED IN ITS ENTIRETY.

Order Plans @ WWW.LDILine.com

SGE
SMITH-GOTH ENGINEERS, INC.
3855 S. JEFFERSON AVE. P: 417-882-2200
SPRINGFIELD, MO 65807 F: 417-882-1188
WWW.SMITHGOTH.COM

ESTERLY SCHNEIDER & ASSOCIATES, INC. AIA
architects & planners APAC
1736 East Sunshine, Suite 417
Springfield, Missouri 65804
417.862.0536
Fax: 417.862.3265
e-mail: architect@esterlyschneider.com

DRAWN BY: CEV

PROJECT:
NEW O'REILLY AUTO PARTS STORE
U.S. HWY 231
MURFREESBORO, TN #5
SITE LIGHTING PHOTOMETRICS

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

COMM #	4219
DATE:	08-17-18
REVISION DATE:	10-08-18

C COPYRIGHT 2018-2019 - DESIGNS, DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE DESIGN PROFESSIONAL. REPRODUCTION PROHIBITED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE DESIGN PROFESSIONAL.