



1 LIGHTING PLAN
E.2.01 SCALE: 1/4"=1'-0"

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS	TYPE	DESCRIPTION	LAMPS
	RECESSED 2X4 TROFFER WITH ACRYLIC LENS COLUMBIA #J124-35MLG-FSA12-EU-C388 (SECURITY LIGHTING) TOP #ETRP4UNZD4050K (FSG) CREE #R224-40L-35K-10V (GEXPRO A) OPTEC #Z401-LED-4000L-DIM10-MVOLT-40K (OPTEC)	LED	J1	POLE LIGHT W/25" DARK BRONZE POLE SPAULDING LIGHTING #P-L/96MB-280/5K/14/UNV/RA/DB (SECURITY LIGHTING) TECH LIGHT #LSR2C8T30IBZ-2AF (FSG) SPAULDING LIGHTING #P-L/96MB-280/5K/14/UNV/RA/BZT (GEXPRO A) CREE # ARE-EHO-4M-AA-12-E-U-UL-BZ-1000 (GEXPRO B) OPTEC #OLA-240-UNV-50-3-BA-BZ (OPTEC)	LED
AEM	RECESSED 2X4 TROFFER WITH ACRYLIC LENS COLUMBIA #J124-35MLG-FSA12-EU-ELL14-C488 (SECURITY LTG.) TOP #ETRP4UNZD4050K CP07 (FSG) COLUMBIA LIGHTING #J124-40LWG-FSA12-EU-ELL14 (GEXPRO A) CREE #CR24-31L-35K-S-EB14 (GEXPRO B) OPTEC #Z401-LED-4000L-DIM10-MVOLT-40K-EMGLD (OPTEC)	LED	LEM	EMERGENCY WALL PACK (DARK BRONZE) HUBBELL #WH-L1P-M (SECURITY LIGHTING) MAXILITE #MPC140AUS0E1BB (FSG) HUBBELL #LNC2-18LU-4K-3-1 (GEXPRO A) CREE #XSPW-A-0-3-M-G-UZ (GEXPRO B) IOTA #IS-125-CG (OPTEC)	LED
D	6" RECESSED DOWNLIGHT PRESCOLITE #SL6LED1K-35K-BL/DBXOL (SECURITY LIGHTING) CREE #LR6, HOUSING #RC6 (FSG) PRESCOLITE #DBX/186LEDAB130KWH (GEXPRO A) CREE #LR6, HOUSING #RC6 (GEXPRO B) ELIT #RL630-750-DIMTR-120-40K-85-P-BK RECESSED (OPTEC)	LED	L3	RADIUS WALL PACK DOWNLIGHT ONLY (DARK BRONZE) HUBBELL #RWS-30LED-WD-DB (SECURITY LIGHTING) HUBBELL #RWS-30LED-WD-DB-120 (FSG) HUBBELL #RD1-30LAK-053-S-WT-DB (GEXPRO A) CREE #RS-30WLED-DO-DB-120 (GEXPRO B) HUBBELL #RWS-30LED-WD-DM-MT (OPTEC)	LED
D1	6" CEILING MOUNTED PENDANT #SL6LED1K-35K-WH/LB65CMWH W/8" CORD (SECURITY LIGHTING) CREE #LR6, HOUSING #RC6-CM (FSG) PRESCOLITE #WH (LED CORD MOUNT CYLINDER) (GEXPRO A) CREE #LR6, HOUSING #RC6-CM (GEXPRO B) ELIT #RL630-750-DIMTR-120-40K-85-P-BK 12 SURFACE (OPTEC)	LED	EM	2 HEAD EMERGENCY LIGHT COMPASS #CORD (SECURITY LIGHTING) LITHONIA #ELM2-LED (FSG) COMPASS #CSWEU2 (GEXPRO A) CREE #BLP00033 (GEXPRO B) LITHONIA #ELM2-LED (OPTEC)	LED
E	UNIVERSAL MOUNT SINGLE FACE EXIT/EMERGENCY COMBO SIGN W/BATTERY COMPASS #CCRRC (SECURITY LIGHTING) TCP #20723 (FSG) COMPASS #CCR (GEXPRO A) CREE #BLP00037 (GEXPRO B) COMPASS #CCRRC (OPTEC)	LED	X	2 HEAD WET LOCATION EMERGENCY LIGHT COMPASS #CORD (SECURITY LIGHTING) LITHONIA #ELM2-LED (FSG) COMPASS #CSWEU2 (GEXPRO A) CREE #BLP00033 (GEXPRO B) LITHONIA #ELM2-LED (OPTEC)	LED
G	STALL CANOPY LIGHT COLUMBIA #CLB-35M-EU (SECURITY LIGHTING) TECH LIGHT #LFC-N-CW-C-1-WH-LED (FSG) HUBBELL #NRG4-30LU-4K-WH (GEXPRO A) CREE #CP250ADMFBULWH40K (GEXPRO B) OPTEC #OLPS-040-UNV-50-5-SL-WH (OPTEC)	LED	L.F.S. NOTES: 1. "EM" DENOTES FIXTURE FURNISHED WITH FACTORY INSTALLED EMERGENCY LIGHTING BATTERY PACK. 2. REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER INFORMATION REGARDING LIGHTING FIXTURES AND LAMPS. 3. LIGHTING FIXTURES SHALL BE AS SPECIFIED ABOVE OR AN APPROVED EQUAL. SUBSTITUTIONS MUST BE SUBMITTED FOR REVIEW BY OWNER. 4. VERIFY WITH OWNER WHICH VENDOR WILL BE USED PRIOR TO ORDERING.		

GENERAL NOTES

- ALL BRANCH CIRCUITS UP TO 100'-0" SHALL UTILIZE #12 CONDUCTORS MINIMUM. ALL BRANCH CIRCUITS FROM 101'-0" TO 150'-0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. ALL BRANCH CIRCUITS 151'-0" UP TO 250'-0" IN LENGTH SHALL UTILIZE #8 CONDUCTORS MINIMUM. CIRCUITS ABOVE 251'-0" SHALL UTILIZE #6 CONDUCTORS MINIMUM.
- E.C. SHALL PROVIDE A PERMANENT LABEL FOR ALL SWITCHES THAT INDICATE THEIR RESPECTIVE USES.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, LOCATIONS AND ELEVATIONS OF ALL INTERIOR AND EXTERIOR LIGHTING.

KEYED NOTES

- EXISTING COOLER AND FREEZER LIGHTING TO REMAIN. MAINTAIN CONNECTIONS AND CONTROLS. REPAIR, REBALLAST, AND RELAMP AS REQUIRED.
- EXISTING CEILING MOUNTED EXHAUST FAN. PROVIDE NEW TIME CLOCK FOR CONTROL. THE FAN SHALL RUN DURING OCCUPIED HOURS. COORDINATE SCHEDULE WITH OWNER.
- LIGHT FIXTURE TYPE "AEM", "LEM", "EM" AND EXIT LIGHT TYPE "E" TO BE CIRCUITED ON UNSWITCHED LEG OF LOCAL LIGHT CIRCUIT. "AEM" & "LEM" FIXTURES SHALL BE CONTINUOUS OPERATION AS NIGHT LIGHT. CIRCUIT EMERGENCY BATTERY PACK IN BALLAST HOUSING ON THE SAME UNSWITCHED CIRCUIT. PROVIDE LOCK ON BREAKER.
- PROVIDE (4) LOW VOLTAGE WALL OVERRIDE SWITCHES DESIGNATED "S1", "S2", "S3", AND "S4" FOR CONTROL OF EXTERIOR LIGHTING, SIGNAGE, AND "PAYS" CIRCUITS. SEE DETAIL 2/E2.01 AND PANEL SCHEDULES FOR ADDITIONAL INFORMATION. PERMANENTLY LABEL EACH SWITCH WITH ITS RESPECTIVE NUMBER DESIGNATION. MOUNT SWITCHES IN 4 GANG BOX AT 48" A.F.F.
- MOUNT ON WALL PER ARCHITECTURAL ELEVATION.
- PROVIDE JUNCTION BOX AND ASSOCIATED CIRCUIT FOR WALL MTD DISPLAY PICTURE BOARDS. MOUNT AT 74" A.F.F.
- PROVIDE WATTSTOPPER PEANUT PANEL LP24S-8-115 AND ALL ASSOCIATED COMPONENTS. SEE DETAIL 1/E3.02 FOR MORE INFORMATION.
- PROVIDE LUTRON MAESTRO OCCUPANCY MS-A102-0 SENSOR FOR RESTROOM LIGHTS.
- PROVIDE LUTRON MAESTRO VACANCY SENSOR MS-A102-V.
- PROVIDE LUTRON LOS C SERIES CEILING MOUNTED OCCUPANCY SENSOR FOR CORRIDOR WITH POWER PACK. INSTALL PER MANUFACTURER INSTALLATION GUIDE.
- PROVIDE LUTRON DIMMER SWITCH LED DOWNLIGHTS WITH A NEUTRAL WIRE PULLED. COORDINATE EXACT MODEL TO BE COMPATIBLE WITH LIGHTING PACKAGE SELECTED.
- PROVIDE CONNECTION TO HOOD LIGHTS. HOOD LIGHTS ARE INTEGRAL TO HOOD. SEE HOOD DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING LIGHT TO REMAIN. MAINTAIN CONNECTIONS AND CONTROLS. PROVIDE NEW CIRCUIT AND CONTROLS AS REQUIRED.
- PROVIDE EMERGENCY LIGHT ON HEADER AND AIM AT EXTERIOR DOOR FOR EMERGENCY EGRESS LIGHTING.

NOTE: REFER TO DIVISION 16 ELECTRICAL SPECIFICATIONS (SHEET SP6.0) FOR ADDITIONAL INFORMATION.

CONSULTANT:
DUNHAM
50 South Sixth Street / Suite 2000
Minneapolis, Minnesota 55415-5540
PHONE: 612.466.7500
FAX: 612.466.7505
www.dunhaminc.com
Mechanical, electrical,
plumbing, engineering

CLIENT:
SONIC
American Drive-In
JOHN COVE, LLC.
7790 ABBEY OAKS COURT
MANASSAS, VA 20112

PROJECT INFORMATION:
SONIC
SONIC DRIVE-IN RESTAURANT
10850 PROMENADE LANE
MANASSAS, VA 20109
STORE #6711



PROJECT NO: 0419739-002
DRAWN BY: CM
CHECKED BY: RM

ISSUE: DATE:
PERMIT SET: 07-27-18

REVISION: DATE:

PROJECT LOCATION:
MANASSAS, VA
#6711

SHEET NUMBER / TITLE:
E2.01
LIGHTING PLAN

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