







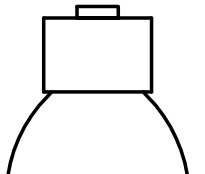
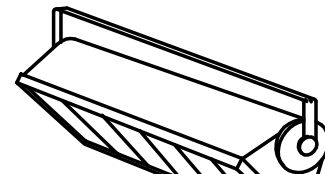


ELECTRICAL LEGEND			
SYM	MNFR	CATALOG #	DESCRIPTION
	LUTRON	MS-OPS6M-DV-XX	MAESTRO IN-WALL SENSOR WITH SWITCH - SINGLE-POLE/MULTI-LOCATION SWITCH WITH OCCUPANCY/VACANCY SENSOR (PROGRAM AS OCCUPANCY), 120V/277V, 6 A LIGHTING, 3 A FAN, MOUNT 48" AFF TO TOP OF PLATE, COLOR SELECTION OF DEVICE AND PLATE BY OWNER
	LUTRON	MS-OP600M-XX	MAESTRO IN-WALL SENSOR WITH DIMMING - SINGLE-POLE/MULTI-LOCATION SWITCH WITH OCCUPANCY/VACANCY SENSOR (PROGRAM AS OCCUPANCY), 120V, 600 W LIGHTING, MOUNT 48" AFF TO TOP OF PLATE, COLOR SELECTION OF DEVICE AND PLATE BY OWNER
	LUTRON		LOW VOLTAGE LIGHTING CONTROL STATION, MOUNT 48" AFF TO TOP OF PLATE COLOR SELECTION BY OWNER
	LEVITON	5362-X	DUPLEX RECEPTACLE, 20 AMP, 125V, W/PLASTIC COVER PLATE, COLOR SELECTION OF DEVICE AND PLATE BY OWNER, MOUNTING HEIGHT TO CENTER OF PLATE - 18" AFF UNLESS NOTED OTHERWISE ON DRAWINGS
	LEVITON	5362-X	SAME AS ABOVE EXCEPT DOUBLE DUPLEX RECEPTACLE MOUNTED IN 2 GANG BOX
	LEVITON	GF-5362-X	DUPLEX GROUND FAULT INDICATED RECEPTACLE, 20 AMP, 125V, W/PLASTIC COVER PLATE, COLOR SELECTION OF DEVICE AND PLATE BY OWNER, MOUNTING HEIGHT TO CENTER OF PLATE - 18" AFF UNLESS NOTED OTHERWISE ON DRAWINGS
	LEVITON	5362-IG	ISOLATED GROUND DUPLEX RECEPTACLE, 20 AMP, 125V, W/PLASTIC COVER PLATE, ORANGE DEVICE, COLOR SELECTION OF PLATE BY OWNER, MOUNTING HEIGHT TO CENTER OF PLATE - 18" AFF UNLESS NOTED OTHERWISE ON DRAWINGS
	LEVITON	5362-X	DUPLEX RECEPTACLE INSTALLED IN SERVICE COUNTER, 20 AMP, 125V, W/PLASTIC COVER PLATE, COLOR SELECTION OF DEVICE AND PLATE BY OWNER, FLEX UP TO RECEPTACLE REFER TO DWG. 2/E2.1 FOR MOUNTING DETAILS
	LEVITON	5362-IG	ISOLATED GROUND DUPLEX RECEPTACLE INSTALLED IN SERVICE COUNTER, 20 AMP, 125V, W/PLASTIC COVER PLATE, ORANGE DEVICE, COLOR SELECTION OF PLATE BY OWNER, FLEX UP TO RECEPTACLE - REFER TO 2/E2.1 FOR MOUNTING DETAILS
			1" EMPTY FLEX CONDUIT STUBBED UP INTO SERVICE COUNTER FOR FUTURE USE, REFER TO DWG. 2/E2.1 FOR INSTALLATION DETAILS, PROVIDE CONDUIT WITH FULL STRING AND BUSHING.
			PHONE/COMMUNICATIONS OUTLET INSTALLED IN SERVICE COUNTER - REFER TO DWG. 2/E2.1 FOR MOUNTING DETAILS, E.C. TO PROVIDE BOX AND CONDUIT ONLY - DATA DEVICE AND CABLING BY TECHNOLOGY CONTRACTOR, 1" EMPTY FLEX CONDUIT WITH FULL STRING AND BUSHING
			PHONE & DATA COMMUNICATIONS BOX, E.C. TO PROVIDE BOX AND CONDUIT ONLY - DATA DEVICE AND CABLING BY TECHNOLOGY CONTRACTOR, 1" WITH FULL STRING AND BUSHING, REFER TO DWG. 4/E1.1 FOR ADDITIONAL INFORMATION
			PHONE COMMUNICATIONS BOX, E.C. TO PROVIDE BOX AND CONDUIT ONLY - PHONE DEVICE AND CABLING BY TECHNOLOGY CONTRACTOR, 1" WITH FULL STRING AND BUSHING, REFER TO DETAIL 4/E1.1 FOR ADDITIONAL INFORMATION
AFF			ABOVE FINISHED FLOOR
+XX			INDICATES HEIGHT IN INCHES ABOVE FINISHED FLOOR
US			INDICATES UNSWITCHED LIGHT FIXTURE
POS			POINT OF SALE
EWC			15 AMP GROUND FAULT RECEPTACLE FOR ELECTRICAL WATER COOLER - COORDINATE RECEPTACLE LOCATION WITH PLUMBER, RECEPTACLE MUST BE ACCESSIBLE
WP			CLEAR WEATHER PROOF VERTICAL RAINLIGHT WHILE IN USE RECEPTACLE COVER
 X	SEE LIGHT FIXTURE SCHEDULE		LED HIGH BAY LIGHT FIXTURE
N			INDICATES NIGHT LIGHT (UNSWITCHED) WIRED ON SEPARATE CIRCUIT
	SEE LIGHT FIXTURE SCHEDULE		2 X 4 LIGHT FIXTURE
	SEE LIGHT FIXTURE SCHEDULE		LIGHT FIXTURE
 X	SEE LIGHT FIXTURE SCHEDULE		TRACK LIGHT - 'Y' INDICATES LENGTH OF TRACK
	SEE LIGHT FIXTURE SCHEDULE		WALL MOUNTED LIGHT FIXTURE
	SEE LIGHT FIXTURE SCHEDULE		LED WALL PACK
	SEE LIGHT FIXTURE SCHEDULE		PARKING LOT POLE MOUNTED LIGHT FIXTURE
			LIGHT FIXTURE WITH EMERGENCY BATTERY PACK
	SEE LIGHT FIXTURE SCHEDULE		EXIT SIGN
	SEE LIGHT FIXTURE SCHEDULE		EMERGENCY BATTERY LIGHT
	LITHONIA POWER SENTRY PSDL3		LITHONIA POWER SENTRY REMOTE BATTERY PACK WITH 14 FOOT WHIP
	SQUARE D		HEAVY DUTY FUSED SAFETY SWITCH, SIZE FUSES AS REQUIRED, USE NEMA 1 ENCLOSURES FOR INDOOR APPLICATIONS AND NEMA 3R FOR OUTDOOR APPLICATIONS
			TOGGLE DISCONNECT SWITCH
			JUNCTION BOX WITH WHIP FOR POWER CONNECTION TO PRE-INSTALLED LIGHTS IN STORE FIXTURE SOFFIT
			JUNCTION BOX
			DUCT DETECTOR, PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, E.C. TO PROVIDE 120V POWER SUPPLY ONLY
			PANELBOARD - SEE SCHEDULE FOR TYPE & A.I.C RATINGS
			ELECTRICAL RACEWAY
			HOMERUN TO PANEL BOARD

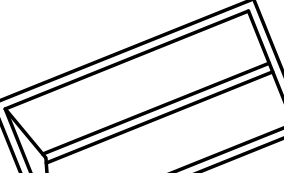
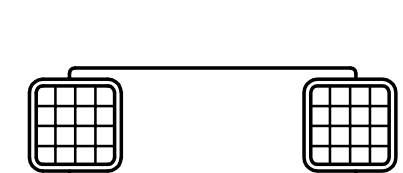
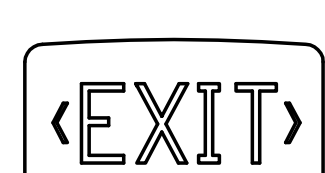
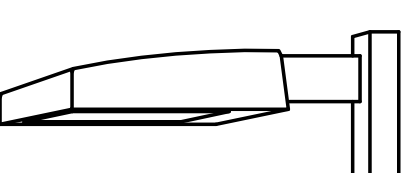
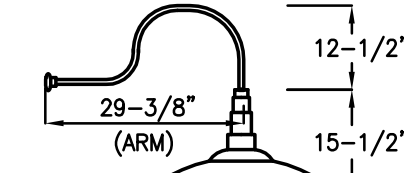

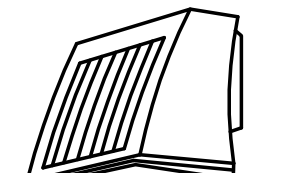
1 ELECTRICAL LEGEND
SCALE: NONE



 LIGHTING FIXTURE SYMBOL 'A'	RECESSED DOWNLIGHT SELECTION BY OWNER LIGHTING FIXTURE SYMBOL 'C'	 LIGHTING FIXTURE SYMBOL 'D'
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LIGHTING FIXTURE SCHEDULE									
SYM	MNFR	CATALOG #	LAMP NO. TYPE	BALLAST NO. TYPE	VOLT-AMPS	VOLTAGE	MTD HEIGHT	DESCRIPTION	
A	E-CONOLIGHT	E-PB1L11NU	- LED 11,200 LUMENS 4000K, 70 CRI	- -	110 VA	UNIVERSAL 120/277	STEM MTD - BOTTOM OF FIXTURE 11"-7" AFF - EVEN WITH BOTTOM OF CLERESTORY WINDOW	16" DIAMETER LED HIGH BAY FIXTURE, POLYCARBONITE PRISMATIC REFLECTOR, TEMPERED GLASS LENS	
C	SELECTION BY OWNER		2 26W CFL	1 ELECTRONIC	52 VA	UNIVERSAL 120/277	RECESSED IN SUSPENDED CEILING WITH 2x2 ACOUSTICAL TILE GRID	RECESSED DOWNLIGHT	
D	JUNO - TRAC-MASTER BXAS SERIES	TBX39E-BL (TRACK HEAD)	2 36/39W HIGH LUMEN COMPACT FLUORESCENT	1 HPF ELECTRONIC	78 VA	120 V	MOUNT HEAD TO SUSPENDED TRACK - BOTTOM OF TRACK HEAD 11"-7" AFF	TRACK LIGHT, 20"W TRACK HEAD WITH TWO CF LAMPS, BLACK FINISH	

THE LIGHT FIXTURES ON THIS SCHEDULE WILL BE PROVIDED BY THE OWNER AND INSTALLED BY THE ELECTRICAL CONTRACTOR

2 LIGHT FIXTURE SCHEDULE - FIXTURES PROVIDED BY OWNER
SCALE: NONE

 LIGHTING FIXTURE SYMBOL 'B' or 'B1'	 LIGHTING FIXTURE SYMBOL 'E'	 LIGHTING FIXTURE SYMBOL 'G'	 LIGHTING FIXTURE SYMBOL 'OA' or 'OA1'	 LIGHTING FIXTURE SYMBOL 'OB'	 LIGHTING FIXTURE SYMBOL 'OC' or 'OC1'	 LIGHTING FIXTURE SYMBOL 'OD' or 'OD1'
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LIGHTING FIXTURE SCHEDULE									
SYM	MNFR	CATALOG #	LAMP NO. TYPE	BALLAST NO. TYPE	VOLT-AMPS	VOLTAGE	MTD HEIGHT	DESCRIPTION	
B	EATON - METALUX HUBBELL - COLUMBIA ACUITY BRANDS - LITHONIA	24EN-LD2-45-UNV-L835-CD1-U EQUAL	- LED 4500 LUMENS 3500K, 85 CRI	- -	38 VA	UNIVERSAL 120/277	MOUNTED IN LAY-IN CEILING	2' X 4' LAY-IN LENSED TROFFER, LED 0 - 10V DIMMING DRIVER (10% TO 100% DIMMING)	
	EATON - METALUX HUBBELL - COLUMBIA ACUITY BRANDS - LITHONIA	24EN-LD2-45-UNV-L835-HCD1-U EQUAL	- LED 4500 LUMENS 3500K, 85 CRI	- -	38 VA	UNIVERSAL 120/277	MOUNTED IN LAY-IN CEILING	SAME AS TYPE EXCEPT WITH 0 - 10V DIMMING DRIVER (1% TO 100% DIMMING)	
	E-CONOLIGHT EATON - SURE-LIGHTS HUBBELL - DUAL-LITE	E-XML1W EQUAL	- LED	- -	1.8 VA	120/277 DUAL VOLTAGE	WALL MOUNTED - 11"-0" AFF TO TOP OF FIXTURE (CONFIRM HEIGHT WITH OWNER/ARCHITECT)	LED EMERGENCY BATTERY LIGHT, TWO HEADS, WHITE, MAINTENANCE FREE NICKEL-CADMIUM BATTERY WITH 90 MINUTE CAPACITY	
	E-CONOLIGHT EATON - SURE-LIGHTS HUBBELL - DUAL-LITE	E-XPL2RBW EQUAL	- LED	- -	0.8 VA	120/277 DUAL VOLTAGE	MOUNTED ABOVE DOOR FRAME ON WALL OR MULLION	SINGLE/DOUBLE LED EXIT SIGN, WHITE, RED LETTERS, MAINTENANCE FREE NICKEL-CADMIUM BATTERY WITH 90 MINUTE CAPACITY	
OA	EATON - McGRAW-EDISON GALEON SERIES LSI INDUSTRIES, INC HUBBELL - KIM LIGHTING	GLEON-AF-02-LED-E1-SL3-XX POLE - RSSSM20S XX EQUAL	- (2) LED LIGHT SQUARES 70 CRI, 4000K	- -	113 VA	UNIVERSAL 120/277	POLE MOUNTED 20 FEET AFG REFER TO DETAIL 3/E1.1	LED PARKING LOT LIGHT FIXTURE, ALUMINUM HOUSING 5" X 20" ROUND STRAIGHT STEEL POLE, 0.188 WALL FIXTURE & POLE - COLOR SELECTION BY OWNER	
OA	EATON - McGRAW-EDISON GALEON SERIES LSI INDUSTRIES, INC HUBBELL - KIM LIGHTING	GLEON-AF-02-LED-E1-SL3-XX-HSS POLE - RSSSM20S XX EQUAL	- (2) LED LIGHT SQUARES 70 CRI, 4000K	- -	113 VA	UNIVERSAL 120/277	POLE MOUNTED 20 FEET AFG REFER TO DETAIL 3/E1.1	SAME AS FIXTURE 'OA' EXCEPT WITH HOUSE SIDE SHIELD	
OB	AP LIGHTING ARCHITECT APPROVED EQUIVALENT LED BULB	SHADE - W524-43-INC ARM - EB-43	1 MAXIMUM 300W INCANDESCENT, E.C. TO PROVIDE EQUIVALENT LED BULB	- -	300 VA	120 V	SURFACE MTD TO EXTERIOR WALL - MOUNTING HEIGHT BY ARCHITECT	GOOSENECK LIGHT FIXTURE, 24" DIAMETER SHADE, ALUMINUM WITH BRIGHT RED FINISH, 3/4" ALUMINUM ARM WITH BRIGHT RED FINISH, UL LISTED WET LOCATION	
OC	LUMINAIRE LIGHTING KENALL SISTEMALUX	ARV13-2PLC26-120/277-CP-GRY-PC-SHCAB	2 26 WATT COMPACT FLUORESCENT	1 ELECTRONIC HIGH FREQUENCY	52 VA	UNIVERSAL 120/277	SURFACE MTD TO EXTERIOR CANOPY	13" ROUND FIXTURE, GRAY POLYCARBONATE HOUSING W/CLEAR PRISMATIC LENS, LOW PROFILE BACK BOX, UL LISTED WET LOCATION	
OC1	LUMINAIRE LIGHTING KENALL SISTEMALUX	ARV13-2PLC26-120/277-CP-GRY-ENB94-PC-SHCAB	2 26 WATT COMPACT FLUORESCENT	1 ELECTRONIC HIGH FREQUENCY	52 VA	UNIVERSAL 120/277	SURFACE MTD TO EXTERIOR CANOPY	THE SAME AS FIXTURE 'OC' EXCEPT WITH SELF- CONTAINED BATTERY PACK WIRED FOR 1 LAMP OPERATION, OPERATING RANGE 32' F TO 122' F	
OD	EATON - LUMARK OR EQUAL	XTOR1A W	- 7 WATT LED 4000 K	- -	7 VA	UNIVERSAL 120/277	SURFACE MTD TO EXTERIOR WALL TOP OF FIXTURE EVEN WITH TOP OF EXTERIOR DOOR FRAME	LED WALL MOUNTED PACK, ALUMINUM DIECAST HOUSING, CARBON BRONZE FINISH, MEETS REQUIREMENTS FOR FULL CUTOFF COMPLIANCE, UL LISTED WET LOCATION 5-3/4"W X 6-3/4"H X 3-5/8"D, ADA COMPLIANT	
OD1	EATON - LUMARK OR EQUAL LITHONIA (OR EQUAL)	XTOR1A W REMOTE BATTERY PACK - POWER SENTRY PSDL3	- 7 WATT LED 4000 K	- -	7 VA	UNIVERSAL 120/277	SURFACE MTD TO EXTERIOR WALL TOP OF FIXTURE EVEN WITH TOP OF EXTERIOR DOOR FRAME	SAME AS FIXTURE 'OD' EXCEPT HAS REMOTE BATTERY PACK, LITHONIA POWER SENTRY REMOTE BATTERY PACK WITH 14 FOOT WHIP	

THE LIGHT FIXTURES ON THIS SCHEDULE WILL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR

3 LIGHT FIXTURE SCHEDULE - FIXTURES PROVIDED BY ELECTRICAL CONTRACTOR
SCALE: NONE

**ELECTRICAL SYSTEM AND EQUIPMENT
METHOD OF COMPLIANCE**

Energy Code: ☒ PRESCRIPTIVE ☐ PERFORMANCE
ASHRAE 90.1: ☐ PRESCRIPTIVE ☐ PERFORMANCE

LIGHTING SCHEDULE

lamp type required in fixture See Lighting Schedule On Dwg. E0.1
number of lamps in fixture _____
ballast type used in the fixture _____
number of ballast in fixture _____
total wattage per fixture _____
total interior wattage specified vs allowed 8,276 W VS 10,432 W
(whole building or space by space)
total exterior wattage specified vs allowed 2,133 W VS 3,135 W

ADDITIONAL PRESCRIPTIVE COMPLIANCE

☐ 506.2.1 More Efficient Mechanical Equipment
☒ 506.2.2 Reduced Lighting Power Density
☐ 506.2.3 Energy Recovery Ventilation Systems
☐ 506.2.4 Higher Efficiency Service Water Heating
☐ 506.2.5 On-Site Supply of Renewable Energy
☐ 506.2.6 Automatic Daylighting Control Systems

DESIGNER STATEMENT:

To the best of my knowledge and belief, the design of this building
complies with the thermal envelope requirements of the North Carolina
State Building Code, 2012 Energy Conservation Code.

NAME: DAVID S. SMITH
TITLE: ELECTRICAL ENGINEER

4 ENERGY CODE
SCALE: NONE