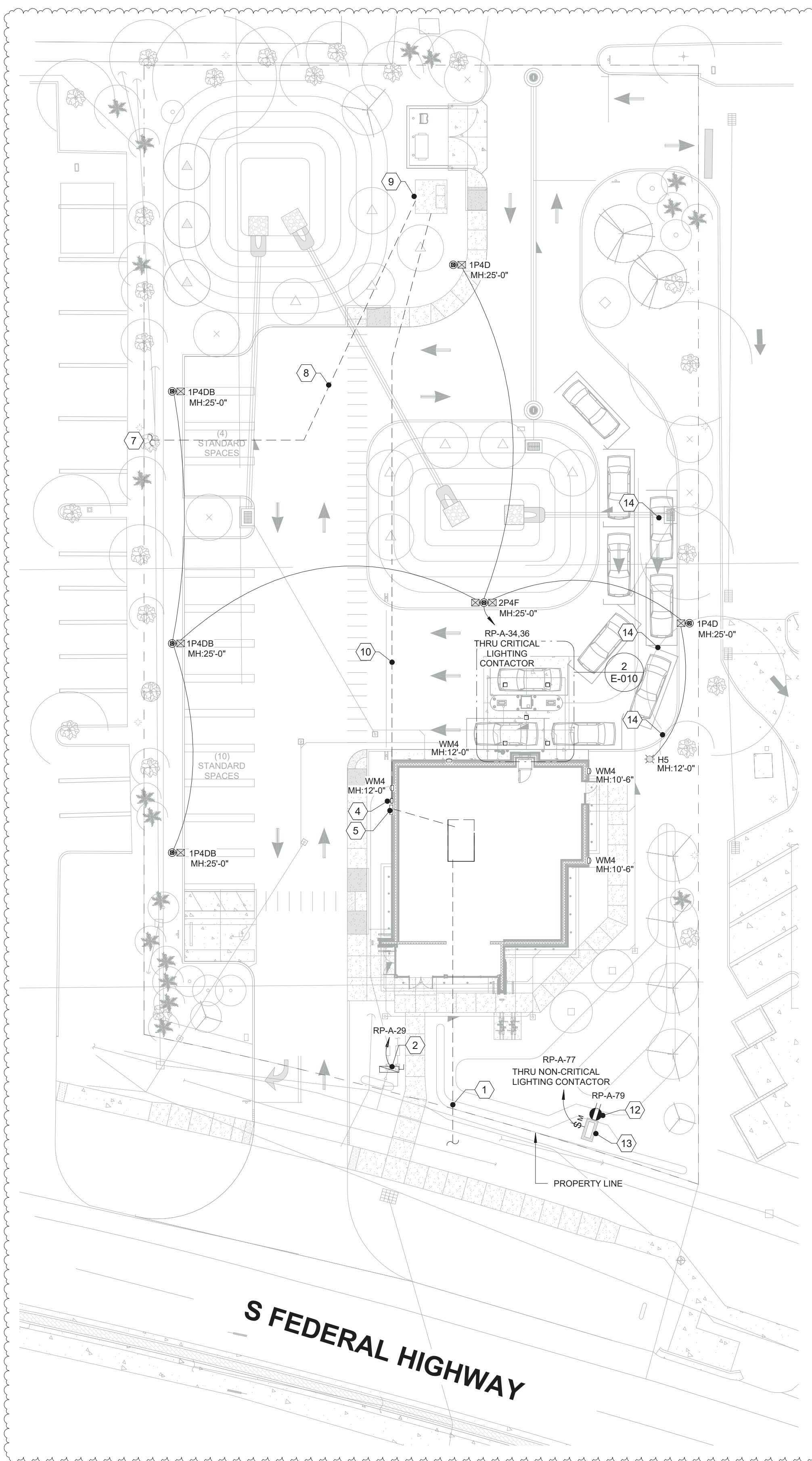
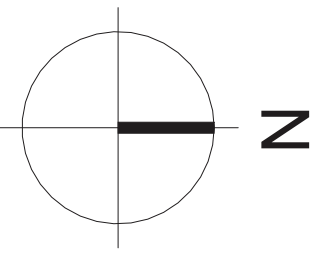
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LIGHTING FIXTURE SCHEDULE (SITE)										
LABEL	DESCRIPTION	MFG	MODEL NUMBER	MOUNTING	LAMP QTY AND TYPE	DIMMING	VOLTS	TOTAL FIXTURE WATTS	NOTES (REFER TO GENERAL AND LAMP AND BALLAST NOTES BELOW)	
1P4D	LED FULL CUTOFF AREA LUMINAIRE, 10000 LUMENS, FORWARD DISTRIBUTION, ALUMINUM HOUSING, UL LISTED FOR WET LOCATION. 1-HEAD	GE / LSI (POLE)	FIXTURE: EALS 03 0 D4 AF 7 40 N D D1 DKB	POLE MOUNT, **SEE E-012 DETAIL 1 FOR POLE HEIGHT	LED	-	208 V	70 VA		
1P4DB	LED FULL CUTOFF AREA LUMINAIRE, 10000 LUMENS, FORWARD DISTRIBUTION, ALUMINUM HOUSING, UL LISTED FOR WET LOCATION. 1-HEAD WITH BACK SHIELD	GE	EALS 03 0 D4 AF 7 40 N D D1 DKBZ SHIELD: ELS-EAL-FBL-BLCK	POLE MOUNT, **SEE E-012 DETAIL 1 FOR POLE HEIGHT	LED	-	208 V	70 VA		
2P4F	LED FULL CUTOFF AREA LUMINAIRE, 15000 LUMENS, FORWARD DISTRIBUTION, ALUMINUM HOUSING, UL LISTED FOR WET LOCATION. 2-HEAD, 180" CONFIGURATION	GE	EALS 03 0 F4 AF 7 40 N D D1 DKBZ	POLE MOUNT, **SEE E-012 DETAIL 1 FOR POLE HEIGHT	LED	-	208 V	232 VA		
0	LED 12"x12" SQUARE LENSED RECESSED LUMINAIRE, TEMPERED GLASS LENS, TRIM FINISHED IN MATTE WHITE COLOR. U.L. LISTED WET LOCATION	LSI	XSPS-S-LED-SS-NW-120-GWT-DFL	RECESSED	LED	-	120 V	31 VA		
DP	DRIVE-THRU CANOPY OPEN/CLOSE LED SIGN	DIRECTIONAL SYSTEMS	5887 (TCL718GR-100/120-27VAC)	SURFACE	LED	-	120 V	5 VA	REFER TO THE ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT	
DPA	DRIVE-THRU CANOPY ATM LED SIGN	DIRECTIONAL SYSTEMS	TCL718G-125-120-277VAC	SURFACE	LED	-	120 V	20 VA	REFER TO THE ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT	
H5	LED FULL CUTOFF POST TOP LIGHT POLE FIXTURE, TYPE 5 DISTRIBUTION.	GE / LSI (POLE)	FIXTURE: EPTC-02-03-04-A0-1-A-DKB	POST TOP POLE MOUNT, **SEE E-012 DETAIL 3 FOR POLE HEIGHT	LED	-	208 V	27 VA		
WM4	WALL BRACKET LED LUMINAIRE, DIE CAST ALUMINUM HOUSING, TYPE 4 DISTRIBUTION, DARK BRONZE FINISH. FULL CUTOFF.	LSI	XWM 4 LED 3L 40 UE BRZ	WALL MOUNTED	LED	-	120 V	23 VA	SEE E-130 FOR CONNECTION	

1. MANUFACTURER CATALOG NUMBERS ARE SHOWN FOR GENERAL DESCRIPTIVE PURPOSES AND TO ESTABLISH STANDARD OF QUALITY ONLY. CONTACT CHRIS YOUNG (young@southernlightingsource.com) OR ADAM MAGGIO (amaggio@southernlightingsource.com) (770-242-4000) (531lghts@southernlightingsource.com) SOUTHERN LIGHTING SOURCE ON LIGHTING AND LIGHTING CONTROLS. GC/EC SHALL PROVIDE LUMINAIRES COMPLETE WITH ALL OPTIONS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. ALL PRODUCTS SHALL BE UL LISTED. POLE MOUNTED LIGHT FIXTURES SHALL MATCH EXISTING DEVELOPMENT AS SPECIFIED. NO EQUALS FOR POLE MOUNTED FIXTURES.
2. POLE MANUFACTURER SHALL COORDINATE WITH LUMINAIRE MANUFACTURER TO PROVIDE ADEQUATE STRENGTH TO SUPPORT THE FIXTURE. PROVIDE APPROPRIATE MOUNTING HARDWARE, ANCHOR BOLTS, BOLT/BASEPLATE COVERS AND GROUNDING LUG. MANUFACTURER SHALL FURNISH AN ANCHOR BOLT TEMPLATE TO ENSURE PROPER MOUNTING AND LUMINAIRE ORIENTATION FOR CORRECT LIGHT DISTRIBUTION. APPROVED EQUAL POLE MANUFACTURERS: DURAGUARD AND VALMONT.
3. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT NECESSARILY BE REFLECTED IN CATALOG NUMBER AND/OR DESCRIPTION IN THIS SCHEDULE



- 1 ROUTE (2"-4" TO MAIN TELEPHONE SERVICE ENTRANCE. ROUTE TO CLEAR STRUCTURAL FOOTING. CONDUITS SHALL BE STUBBED UP AND CAPPED 12" A.F.F. IN BUILDING. AS-BUILT DRAWINGS MUST SHOW CONDUIT LENGTH AND ROUTE.
- 2 IRRIGATION BACKFLOW. VERIFY LOCATION - DISCONNECT SHALL BE NEMA 3R
- 3 NOT USED.
- 4 ELECTRIC UTILITY METER. PROVIDE ELECTRIC UTILITY METER PER POWER - COMPANY REQUIREMENTS. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION. EXACT LOCATION TO BE DETERMINED BY UTILITY COMPANY REPRESENTATIVE IN FIELD.
- 5 MANUAL TRANSFER SWITCH(MTS), PROPOSED ELECTRICAL SERVICE DISCONNECT MOUNTED ON BUILDING EXTERIOR. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- 6 DRIVE-THRU ATM; PROVIDE CONDUIT AND WIRING FOR ATM. REFER TO ELECTRICAL FLOOR PLAN ON SHEET E-500 FOR ADDITIONAL INFORMATION.
- 7 STUB-OUT AND TERMINATE PER UTILITY COMPANY REQUIREMENTS. VERIFY LOCATION OF HIGH VOLTAGE SERVICE POINT PRIOR TO BIDDING AND INCLUDE ALL COST IN BID.
- 8 (2")-5" FOR HIGH VOLTAGE SERVICE FROM PROPERTY LINE TO TRANSFORMER SLABS - VERIFY LOCATION AND ROUTING; HIGH VOLTAGE CONDUIT SHALL BE 48" MIN. DEPTH IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS INCLUDING TRENCHING AND BACKFILL TO 90% COMPACTION
- 9 TRANSFORMER SLAB-BOX WITH TRAFFIC GUARDS PER UTILITY COMPANY REQUIREMENTS. VERIFY SIZE, LOCATION AND ORIENTATION WITH UTILITY COMPANY. CONTRACTOR WILL PROVIDE TRANSFORMER SLABS INSTALLED COMPLETE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS. PROVIDE ADEQUATE GROUND RAILING AROUND POWER TRANSFORMERS IN PARKING AREAS.
- 10 SECONDARY FROM TRANSFORMER TO MAIN DISCONNECT. VERIFY ROUTING WITH UTILITY COMPANY AND ROUTE TO CLEAR STRUCTURAL FOOTING. SEE RISER DIAGRAM. TERMINATE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- 11 DRIVE THROUGH LANE OPEN/CLOSE GANG SWITCHES. PROVIDE CONSTANT HOT & NEUTRAL. LCP SHALL NOT CONTROL OPEN/CLOSE/ATM SIGNS. SEE DETAIL 3 ON E-501. COORDINATE PLACEMENT WITH ARCHITECT PRIOR TO ROUGH-IN.
- 12 MAINTENANCE RECEPTACLE: PROVIDE 120V, 20A, GFCI WEATHER-RESISTANT DUPLEX RECEPTACLE WITH WEATHERPROOF SURFACE MOUNTED BELL BOX WITH "EXTRA DUTY WHILE-IN-USE" METALLIC COVER.
- 13 MONUMENT SIGN POWER: COORDINATE EXACT LOCATION OF SIGNAGE STUB-UP WITH SIGN VENDOR AND MAKE FINAL ELECTRICAL CONNECTIONS. PROVIDE 120V, 20A, TOGGLE SWITCH IN METALLIC BELL BOX WITH METALLIC VENTED TERMINAL COVER. COORDINATE EXACT LOCATION WITH MONUMENT SIGN. COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS.
- 14 TREE TRIMMING: VERIFY ALL LANDSCAPE WITHIN COMPLIANCE AREA (OR LANDSCAPE AFFECTING LIGHT FIXTURES WITHIN THE COMPLIANCE AREA) IS TRIMMED/PRUNED/THINNED OUT PER OWNER'S LANDSCAPE STANDARDS AND IF POSSIBLE, A MINIMUM OF 5 FT IS MAINTAINED FROM ALL TREES TO LIGHT FIXTURE. EXISTING TREE SHALL BE PRUNED, THINNED OUT AS NEEDED TO PREVENT SHADOW OBJECTS FROM THE COMPLIANCE AREA ALLOWING OPTIMAL LIGHT FIXTURE PERFORMANCE. COORDINATE WITH GENERAL CONTRACTOR FOR RESPONSIBILITIES AND SCHEDULING.



2 ELECTRICAL PHOTOMETRIC SITE PLAN AT 3'-0"
1" = 20'-0"

Calculation Summary at 36" AFG							
Label	Calctype	Unit	Avg	Max	Min	Avg/Min	Max/Min
Drive-Up ATM - 5FT Compliance	ILLUMINANCE	FC	27.81	34.10	15.70	1.77	2.17
Drive-Up ATM - 50FT Compliance	ILLUMINANCE	FC	8.19	58.60	2.20	3.72	26.64
Night Depository - 5FT Compliance	ILLUMINANCE	FC	25.51	32.30	12.90	1.98	2.50
Night Depository - 50FT Compliance	ILLUMINANCE	FC	8.75	37.10	2.60	3.37	14.27

Calculation Summary at Grade							
Label	CalcType	Unit	Avg	Max	Min	Avg/Min	Max/Min
Property Line Measured at 6ft Above Grade	ILLUMINANCE	FC	0.25	2.90	0.00	N.A.	N.A.
Commercial Parking Lots Area	ILLUMINANCE	FC	3.27	11.80	1.00	3.27	11.80
Canopies, Drive-Thru	ILLUMINANCE	FC	19.94	27.00	9.80	2.03	2.76

NOTE : ALL EXTERIOR LIGHTS ARE FULL CUTOFF

1 ELECTRICAL PHOTOMETRIC SITE PLAN AT GRADE
1" = 20'-0"

SHEET NOTES:

1. PHOTOMETRY CALCULATION: PHOTOMETRIC VALUES SHOWN HEREIN ARE INTENDED FOR DESIGN AND EVALUATION PURPOSES ONLY. THE CALCULATED POINT-BY-POINT VALUES SHOWN ON THIS SHEET ARE BASED ON A COMPUTER LIGHTING PROGRAM WITH APPROXIMATED PARAMETERS. AS A RESULT, PHOTOMETRIC VALUES MAY VARY FROM ACTUAL FIELD MEASUREMENTS.

LIGHTING STANDARDS:

MINIMUM STANDARD

REGULATED STATES: ALABAMA, CALIFORNIA, CONNECTICUT, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, ILLINOIS, KANSAS, KENTUCKY, LOUISIANA, MARYLAND, MASSACHUSETTS, MISSOURI, MONTANA, NEVADA, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, OREGON, RHODE ISLAND, TEXAS, VIRGINIA, WASHINGTON, VIRGINIA**.

- BANKING CENTERS IN VIRGINIA MUST COMPLY WITH ALL HOME STATE STATE LAWS AND IS CONSIDERED REGULATED IF THE BANK HEADQUARTERS ARE LOCATED IN A REGULATED STATE.
- A MINIMUM OF TEN (10) FOOT CANDLE POWER AT THE FACE OF THE ATM OR AFTER-HOUR DEPOSITORY EXTENDING OUTWARD FIVE (5) FEET IN ALL UNOBSTRUCTED DIRECTIONS.
- A MINIMUM OF TWO (2) FOOT CANDLE POWER EXTENDING OUTWARDS IN ALL UNOBSTRUCTED DIRECTIONS FIFTY (50) FEET FROM THE FACE OF THE ATM AND AFTER-HOUR DEPOSITORY.
- A MINIMUM OF TWO (2) FOOT CANDLE POWER IN DEFINED PARKING AREAS WITHIN SIXTY (60) FEET OF THE ATM AND AFTER-HOUR DEPOSITORY. IN THE EVENT THE ATM OR AFTER-HOUR DEPOSITORY IS LOCATED WITHIN TEN FEET OF THE CORNER OF THE BUILDING AND IS GENERALLY ACCESSIBLE FROM THE ADJACENT SIDE, THERE SHALL BE A MINIMUM OF TWO (2) FOOT CANDLE POWER ALONG THE FIRST FORTY (40) UNOBSTRUCTED FEET OF THE ADJACENT SIDE OF THE BUILDING.
- IF THE ATM OR AFTER-HOUR DEPOSITORY IS LOCATED INSIDE A ACCESSIBLE VESTIBULE DURING ANY HOURS OF DARKNESS, A MINIMUM OF 10 FOOT CANDLE POWER AT THE FACE OF THE ATM OR AFTER-HOUR DEPOSITORY EXTENDING OUTWARD FIVE (5) FEET IN ALL UNOBSTRUCTED DIRECTIONS. THERE WILL BE A MINIMUM OF TWO (2) FOOT CANDLE POWER ALONG THE FACE OF THE VESTIBULE ENTRY/EXIT DOOR(S). A MINIMUM OF TWO (2) FOOT CANDLE POWER EXTENDING OUTWARDS IN ALL UNOBSTRUCTED DIRECTIONS FIFTY (50) FEET FROM THE VESTIBULE ENTRY/EXIT DOOR. A MINIMUM OF TWO (2) FOOT CANDLE POWER IN DEFINED PARKING AREAS WITHIN SIXTY (60) FEET OF THE VESTIBULE ENTRY/EXIT DOOR. IN THE EVENT THE VESTIBULE ENTRY/EXIT DOOR IS LOCATED WITHIN TEN (10) FEET OF THE CORNER OF THE BUILDING AND IS GENERALLY ACCESSIBLE FROM THE ADJACENT SIDE, THERE SHALL BE A MINIMUM OF TWO (2) FOOT CANDLE POWER ALONG THE FIRST FORTY (40) UNOBSTRUCTED FEET OF THE ADJACENT SIDE OF THE BUILDING. IN URBAN SETTINGS FOR WHICH THERE IS NO DEFINED BANK PARKING ACCESS AREA IS A PUBLIC SIDEWALK, A MINIMUM 2 FOOT CANDLE POWER SHALL BE FOR THE FIRST 5 UNOBSTRUCTED FEET FROM THE DOOR. THE MINIMUM FOOT CANDLE READING WILL ALSO BE LIMITED TO BANK CONTROLLED PROPERTIES LINES.
- A MINIMUM OF TWO (2) FOOT CANDLE POWER IN THE IMMEDIATE AREA OF THE DESIGNATED ASSOCIATE ENTRANCE/EXIT TO THE FACILITY.
- ALL LIGHTING MEASUREMENTS ARE TO BE TAKEN AT 36 INCHES ABOVE THE GROUND ON A HORIZONTAL PLANE, **UNLESS OTHERWISE SPECIFIED BY STATE LAW OR REGULATION (307).**
- A MINIMUM STANDSTILL LIGHTING REQUIREMENT, UNLESS A GREATER STANDARD IS REQUIRED BY AN APPLICABLE LAW FOR A PARTICULAR FACILITY LOCATION.

KEYED NOTES:

- ① ATM/AFTER-HOUR DEPOSITORY FIVE FOOT COMPLIANCE AREA: A MINIMUM OF TEN (10) FOOT CANDLE POWER AT THE FACE OF THE ATM/AFTER-HOUR DEPOSITORY EXTENDING OUTWARD FIVE (5) FEET IN ALL UNOBSTRUCTED DIRECTIONS.
- ② ATM/AFTER-HOUR DEPOSITORY FIFTY FOOT COMPLIANCE AREA: A MINIMUM OF TWO (2) FOOT CANDLE POWER EXTENDING OUTWARD IN ALL UNOBSTRUCTED DIRECTIONS FIFTY (50) FEET FROM THE FACE OF THE ATM AND AFTER-HOUR DEPOSITORY.
- ③ BANK CONTROLLED PROPERTY LINES: THE MINIMUM FOOT CANDLE READING WILL BE LIMITED TO BANK CONTROLLED PROPERTY LINES.

bdg
architects

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Suite 1800
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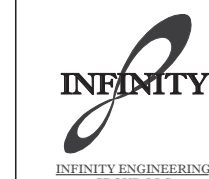
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SEAL ANDREW MOH
FL PE# 73077

This item has been electronically signed and sealed by Andrew Mohr, P.E. on the date and/or time stamp shown using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified by a 3rd Party Certificate Authority on



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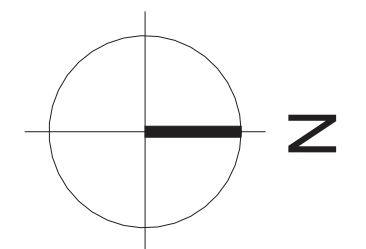
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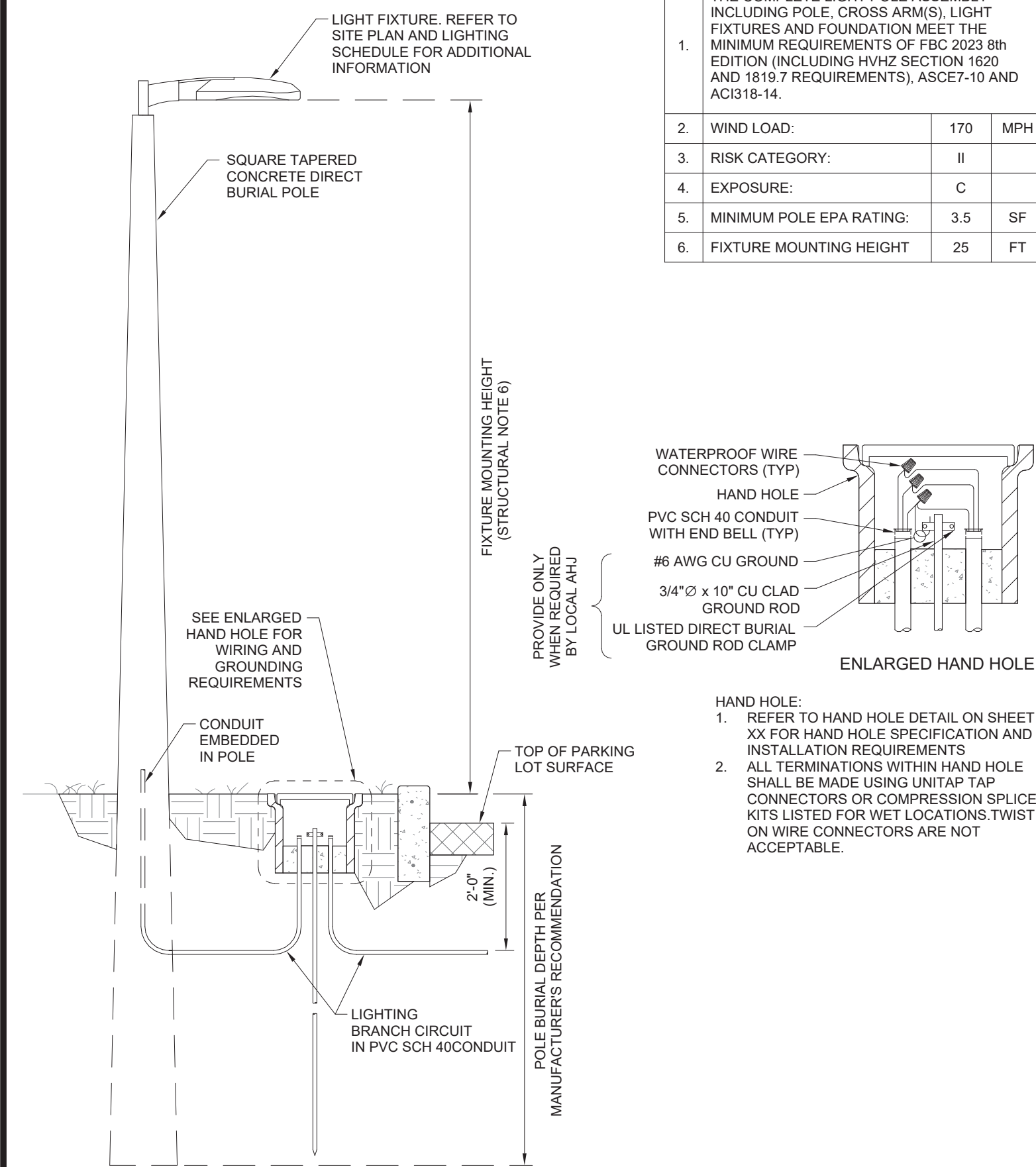
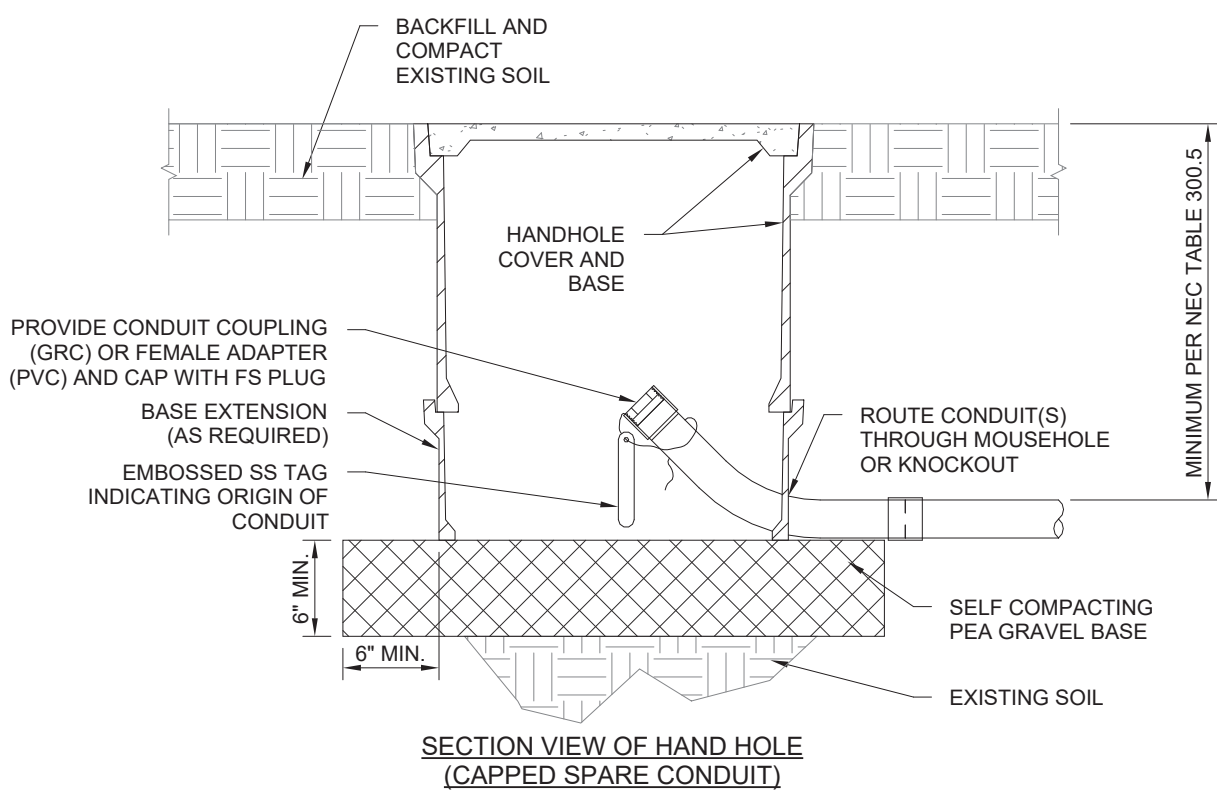
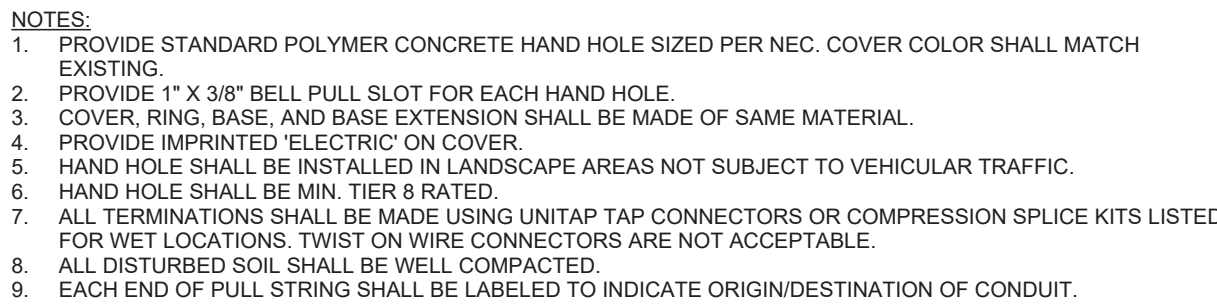
SHEET TITLE

ELECTRICAL PHOTOMETRIC SITE PLAN

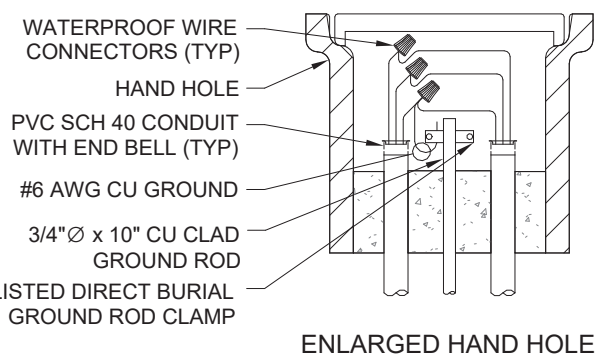
SHEET NUMBER

E-011





STRUCTURAL NOTES :			
	THE COMPLETE LIGHT POLE ASSEMBLY INCLUDING POLE, CROSS ARM(S), LIGHT FIXTURES AND FOUNDATION MEET THE MINIMUM REQUIREMENTS OF FCC 202.8b EDITION (INCLUDING VHWZ SECTION 1620 AND 1819.7 REQUIREMENTS), ASCET-10 AND AC308-18-14.		
2.	WIND LOAD:	170	MPH
3.	RISK CATEGORY:	II	
4.	EXPOSURE:	C	
5.	MINIMUM POLE EPA RATING:	3.5	SF
6.	FIXTURE MOUNTING HEIGHT	25	FT



- HAND HOLE:**
1. REFER TO HAND HOLE DETAIL ON SHEET XX FOR HAND HOLE SPECIFICATION AND INSTALLATION REQUIREMENTS
 2. ALL TERMINATIONS WITHIN HAND HOLE SHALL BE MADE USING UNITAP TAP CONNECTORS OR COMPRESSION SPLICE KITS LISTED FOR WET LOCATIONS. TWIST ON WIRE CONNECTORS ARE NOT ACCEPTABLE.

SCALE
N.T.S.

2



SCALE
N.T.S.

3

The following lines are excerpts from the Florida Statutes and are shown on this drawing for informational purposes only

FLORIDA STATUTES

2019 FLORIDA STATUTES
TITLE XXXVIII. BANKS AND BANKING
CHAPTER 655. FINANCIAL INSTITUTIONS GENERALLY

655.960 Definitions; ss. 655.960-655.965. --

As used in this section and ss. 655.961-655.965, unless the context otherwise requires

1. "Access area" means any paved walkway or sidewalk which is within 50 feet of any automated teller machine. The term does not include any street or highway open to the use of the public, as defined in 316.003(83)(a) or (b), including any adjacent sidewalk, as defined in 316.003.
2. "Access device" has the same meaning as defined in part in Federal Reserve Board Regulation E, 12 C.F.R. part 205, promulgated pursuant to the Electronic Fund Transfer Act, 15 U.S.C. ss. 1601 et seq.
3. "Automated teller machine" means any information processing device located in this state which accepts or dispenses cash in connection with a credit, deposit, checking, or convenience account. The term does not include devices used solely to facilitate check guarantees or check authorizations or which are used in connection with the acceptance or dispensing of cash on a person-to-person basis, such as by a store credit card.
4. "Candlefoot power" means the light intensity of candles on a horizontal plane at 36 inches above ground level and 5 feet in front of the area to be measured.
5. "Control" with respect to an access area or defined parking area, means to have the present legal authority to determine how, when, and by whom such area is to be used, and how such area is to be maintained, lighted, and landscaped. If an operator leases an access area or defined parking area as lessee, such lessee shall not be considered to have control for the purposes of ss. 655.960-655.965.
6. "Customer" means an individual who uses an access device has the hours of darkness, and is owned or leased by the operator of the automated teller machine or owned or controlled by the party leasing the automated teller machine site to the operator. The term does not include any parking area which is not open or regularly used for parking by users of the automated teller machine who are conducting automated teller machine transactions.
7. "Defined parking area" means that portion of any parking area open for customer parking which is contiguous to an access area with respect to an automated teller machine, is regularly, principally, and lawfully used for parking by users of the automated teller machine while conducting automated teller machine transactions, and is within the hours of darkness, and is owned or leased by the operator of the automated teller machine or owned or controlled by the party leasing the automated teller machine site to the operator. The term does not include any parking area which is not open or regularly used for parking by users of the automated teller machine who are conducting automated teller machine transactions.
8. "Hours of darkness" means the period of time during which the sun is below the horizon. The term does not include any parking area which is not open or regularly used for parking by users of the automated teller machine who are conducting automated teller machine transactions.
9. "Financial institution office" means a main office or principal office, as defined in ss. 655.005, and a branch or branch office as defined in ss. 655.124.
10. "Hours of darkness" means the period that commences 30 minutes after sunset and ends 30 minutes before sunrise.
11. "Operator" means any financial institution, as defined in ss. 655.005, other business entity, or any person who controls the use or operation by a customer or other person of an automated teller machine, or any person who has the present legal authority to determine when and by whom the automated teller machine may be used or operated and how it is to be maintained in compliance with the provisions of ss. 655.960-655.965. An operator may be a financial institution, other business entity, or any person who has the present legal authority or entity is to provide data processing services for automated teller machine transactions or to provide for the exchange, transfer, or dissemination of electronic funds transfer data.
12. "Terms which define the scope of the institution's duties" means the terms which define the scope of the institution's duties, as defined for purposes of ss. 655.960-655.965.

655.962 Lighting; mirrors; landscaping. -

- 655.964
1. Each operator, or other person responsible for an automated teller machine pursuant to ss. 655.960-655.965, shall provide lighting during the hours of darkness with respect to an open and operating automated teller machine and any defined parking area, access area, and the exterior of an enclosed automated teller machine installation, as follows:
2. There shall be a minimum of 10 candlefoot power at the face of the automated teller machine and extending in an unobstructed direction outside 5 feet.
- a. There shall be a minimum of 2 candlefoot power within 50 feet in all unobstructed directions from the face of the automated teller machine. If the automated teller machine is located within 10 feet of the corner of the building and the automated teller machine is generally accessible from the adjacent side, there shall be a minimum of 2 candlefoot power along the first 40 unobstructed feet of the adjacent side of the building.
- b. There shall be a minimum of 2 candlefoot power in that portion of the defined parking area within 60 feet of the automated teller machine.
- c. The operator shall provide reflective mirrors or surfaces at each automated teller machine which provide the customer with a rear view while the customer is engaged in using or operating the automated teller machine.
3. The operator, or other person responsible for an automated teller machine pursuant to ss. 655.960-655.965, for an automated teller machine, shall ensure that the height of any landscaping, vegetation, or other physical obstructions in the area required to be lighted pursuant to subsection (1) for any open and operating automated teller machine shall not exceed 3 feet, except that trees trimmed to a height of 10 feet and whose diameters are less than 2 feet and manmade physical obstructions required by statute, law, code, ordinance, or other governmental regulation shall not be affected by this subsection.
- 655.964 Application --
1. The provisions of ss. 655.961 and 655.962 do not apply to any automated teller machine which is:
- a. Located inside of a building, unless it is a freestanding installation which exists for the sole purpose of providing an enclosure for the automated teller machine.
- b. Located inside a building, except to the extent a transaction can be conducted from outside the building.
- c. Located in any area, including any access area, building, enclosed space, or parking area which is not controlled by the operator.
2. The provisions of ss. 655.960-655.965 shall not be construed to create any duty, responsibility, or obligation for any person or entity whose primary function is to provide, or to assist in the provision of, the security or dissemination of electronic funds transfer data and is not otherwise a financial institution, as defined in s. 655.005, or an operator.

655.965 Preemption; prohibition.--
Except as expressly provided, the provisions of this section and ss. 655.960-655.964 supersede and preempt all rules, regulations, codes, or ordinances of any city, county, municipality, or other political subdivision of this state, and of any local agency regarding customer safety at automated teller machines located in this state.

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PROJECT INFORMATION BLOCK

JOB #	240661/15-386.00
DATE:	10/01/2025
DRAWN BY:	KL
CHECKED BY:	AM

SHEET TITLE

ELECTRICAL SITE DETAILS

SHEET NUMBER

E-012



XSPS LED Soffit Light



OVERVIEW	
Lumen Package	4000 - 8000
Wattage Range	43 - 59
Efficacy Range (LPW)	96 -104
Weight lbs (kg)	7.6 (3.5)

FEATURES & SPECIFICATIONS

Construction

- Housing is die-formed aluminum with diffused acrylic lens providing a water-resistant seal. Enclosure contains factory prewired driver and optical unit containing LEDs.
- Recess mount into an enclosed soffit with screws through the mounting frame. 8" clearance required for ease of installation.
- Finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard color is gloss white.
- Shipping weight: 7.6 lbs in carton.
- Suitable for wet locations.

Optical System

- Symmetric distribution with excellent uniformity and a BUG rating of B2-UO-G1. Diffuse lens is standard to minimizing visibility of LEDs.
- Select high-brightness LEDs.
- Available in 5000K, 4000K and 3000K
- Color temperatures per ANSI C78.377.
- Minimum CRI of 80.

Catalog #: _____ Project: _____
Prepared By: _____ Date: _____ Type: _____



QUICK LINKS

Ordering Guide	Performance	Photometrics	Dimensions
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Electrical

- High-performance factory programmable driver features over-voltage, under voltage, short-circuit and over temperature protection with integral surge protection that meets IEEE C62.41.2 and ANSI C82.77 -5 Location Category C Low standards.
- 0-10 volt dimming (10% - 100%) standard.
- 120-347VAC 50/60Hz
- Thermal protector standard on 5000-8000 lumen versions.
- L80 Calculated Life: >100K Hours (See Lumen Maintenance chart)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +40°C (-40°F to 104°F) for HO and VHO, -40°C to +45°C (-40°F to 113°F) for SS, -40°C to 35°C (-40°F to 95°F) for SHD.
- Power factor: >0.90
- Input power stays constant over life.
- High-efficacy LEDs with integrated circuit board mount to the housing to maximize heat dissipation and promote long life.
- Driver components are fully encased in potting material for moisture resistance. Driver complies with FCC standards.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750
- Suitable For Damp Locations
- Meets Buy American Act requirements.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- IDA compliant with 3000K or lower color temperature.



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SPEC-2038-A.0320



ORDERING GUIDE

TYPICAL ORDER EXAMPLE: XSPS S LED SS CW 120 GWT DFL										
Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Lens	Options		
XSPS - LED Soffit	S - Symmetric	LED	SS - 4,000 Lumens HO - 5,000 Lumens VHO - 6,000 Lumens	CW - 5000K 80 CRI NW - 4000K 80 CRI WW - 3000K 80 CRI	120V-120V 208-208V 240-240V 277-277V 347-347V	QWT - Gloss White	DPL - Diffused Acrylic Lens	CMT - Channel Bar Mounting Kit BB - Emergency Battery Pack ¹		

1 - Emergency Battery Pack only available on the SS - 4000 lumen version (120, 208, 240 & 277V versions).

PERFORMANCE

DELIVERED LUMENS										
Lumen Package	Distribution	Lens Type	CRI	Delivered Lumens	Efficacy	Bug Rating	4000K CCT	Delivered Lumens	Efficacy	Bug Rating
SS	S	DFL	80	3816	123	B2-UO-G1	4022	129	B2-UO-G1	31
HO	S	DFL	80	4756	120	B2-UO-G1	5011	127	B2-UO-G1	40
VHO	S	DFL	80	5733	118	B2-UO-G1	6041	124	B2-UO-G1	49
SHD	S	DFL	80	7559	113	B3-UO-G1	7965	119	B3-UO-G1	67

LEDs are frequently updated therefore values are nominal.

Electrical Data (Amps)*							
Lumen Package	Wattage	120V	208V	240V	277V	347V	
SS	31	0.26	0.15	0.13	0.11	0.09	
HO	40	0.33	0.19	0.16	0.14	0.11	
VHO	49	0.41	0.23	0.2	0.18	0.14	
SHD	67	0.56	0.32	0.28	0.24	0.19	

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

RECOMMENDED LUMEN MAINTENANCE					
Ambient Temp C	Initial ¹	25K hrs. ¹	50K hrs. ¹	75K hrs. ²	100K hrs. ²
25 C	100%	95%	91%	86%	82%

1 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
2 - In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.



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Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce



OVERVIEW	
Lumen Package	3,000 - 21,000
Wattage Range	23 - 175
Efficacy Range (LPW)	125 - 158
Weight lbs(kg)	27 (12.2)
Control Options	IMSBT, ALB, ALS, PCI

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Hinged die-cast aluminum wiring access door located underneath.
- Galvanized-steel universal wall mount bracket comes standard with hinging mechanism to easily access the junction box wire connections without removing the luminaire.
- Optional pole-mounting bracket (XPMa) permits mounting to standard poles.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Max shipping weight: 30lbs in carton

Optical System

- State-of-the-Art one piece silicone optic provides industry leading optical control while also acting as an integrated gasket reducing system complexity and improving fixture reliability.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in Types 2, 3, 4, and FT distributions.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 95-99%.
- Zero uplight.
- Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.

Electrical

- High-performance programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection. Custom lumen and wattage packages available.

Catalog #: _____ Project: _____ Type: _____
Prepared By: _____ Date: _____



QUICK LINKS

Ordering Guide	Performance	Photometrics	Dimensions
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- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100K Hours
- Total harmonic distortion (THD): <20%
- 3L to 12L operating temperature: -40°C to +50°C (-40°F to +122°F)
- 15L operating temperature: -40°C to +45°C (-40°F to +113°F).
- 18L operating temperature: -40°C to +40°C (-40°F to +104°F).
- 21L operating temperature: -40°C to +35°C (-40°F to +95°F).
- Power factor (PF): > 90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed via hinged door.
- Optional integral emergency battery pack provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers 1500 lumens during emergency mode.

Controls

- Integral passive infrared Bluetooth™ motion sensor options. Fixtures operate independently and can be commissioned via an iOS or Android configuration app. Updates and modifications to the control strategy are easily implemented via an intuitive app.

- LSI's AirLink™ blue lighting control system is a simple feature rich wireless Bluetooth mesh network. The integrated fixture sensor module provides wireless control of grouped fixtures based on motion sensors, daylight or a fully customizable schedule.

- 2 fasteners secure the hinged door underneath the housing and provide quick & easy access to the electrical compartment for installing/servicing.
- Optional terminal block accepts up to 12 ga wire.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.
- 1 Year warranty on Battery Back-up option.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP65 rated luminaire per IEC 60598.
- 3G rated for ANSI C136.31 high vibration applications when pole mounted (using optional XPMa bracket) or wall mounted.
- IK08 rated luminaire per IEC 60626 mechanical impact code
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Mirada Medium Wall Sconce (XWM) Outdoor Wall Sconce

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: XWM 2 LED SS 30 UE BRZ ALSC				
Family	Distribution	Light Source	Lumen Package	Color Temperature
XWM - Mirada Medium Wall Sconce	2- Type 2	LED	3L - 3,000	30 - 3000K
	3- Type 3		4L - 4,000	40 - 4000K
	4L - 6,000		6L - 6,000	50 - 5000K
	8L - 8,000		12L - 12,000	AMB - Phosphor Converted Amber ¹
	FT - Type 4 Forward Throw		15L - 15,000	
			18L - 18,000	
		21L - 21,000		
		Custom Lumen Packages ¹		
Voltage	Finish	Controls	Options	
UE - Universal Voltage (120-277V) HV - High Voltage (347-480V)	BLK - Black BRZ - Dark Bronze CMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PDP - Platinum Plus SVC - Satin Verde Green WHI - White	Blank - None Wireless Controls ALSC - AirLink Synapse Control System ALSCS2 - AirLink Synapse Control System with 8-12" Motion Sensor ALSCS2L - AirLink Synapse Control System with 12-20" Motion Sensor ALSCS3 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24" MH) ² ALSCS3L - AirLink Blue Wireless Motion & Photo Sensor Controller (25-48" MH) ² Standalone Controls DIM - 0-10V Dimming leads extended to housing exterior HMSB1 - Integral Bluetooth SM Motion and Photo Sensor (8-24" MH) ³ HMSB2 - Integral Bluetooth SM Motion and Photo Sensor (25-48" MH) ³ Button Type Photocells PC120 - 120V PC108-277 - 208 - 277V PC347 - 347V	Blank - None RB - Battery Back-up (0K) ⁴ CW2B - Cold Weather Battery Backup (-20°C) ⁵ XPMa - Pole Mounting Bracket SP1 - 10kV Surge Protection TB - Terminal Block	



Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

FUSING ACCESSORY ORDERING INFORMATION⁶

Part Number	Description
FX120 ⁷	FX120 - Single Fusing
FX277 ⁷	FX277 - Single Fusing
FX347 ⁷	FX347 - Single Fusing
DFK208 ⁸	DFK - Double Fusing
DFK240 ⁸	DFK - Double Fusing (240V)
DFK480 ⁸	DFK - Double Fusing (480V)

MOUNTING ACCESSORY ORDERING INFORMATION⁶

Part Number ⁹	Description
5560150LR	XWM Wet Location Surface Conduit/Wiring Box
751552	10" Linear Bird Spike Kit (2" Recommended per Luminaire)

1 Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DIC listed.
2 Only available in 6 Lumen Package. Consult factory for lead time and availability.
3 MH2 and MH3L control options are not available in 3, 4, 6, 8, 12 lumen packages when high voltage (HV) is specified.
4 IP65/IK8 is field configurable via the lexikon app but can be downloaded from your smartphone (iOS) or store.

5 Not available in HV.
6 Accessories are shipped separately and field installed.
7 Fusing must be installed in a listed box for pole or in the junction box.
8 "0K" is field configurable via the lexikon app but can be downloaded from your smartphone (iOS) or store.



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SPEC-1024-C.0823



SPEC-00273 NEW ECO, 5", V-8.0, UPDATED 05/19/2023



LED LIGHT ENGINE

RATED WATTAGE	29.5W, 24W, 15.3W
DELIVERED LUMENS	Up to 2657 lm
EFFICACY	Up to 104 LPW
CCT @ 90CRI	2700K, 3000K, 3500K, 4000K, Warm Dim
COLOR QUALITY	90+ CRI, 2-Step SDCM
LED LIFETIME	55,000 hours @ L90

DELIVERED LUMENS MATRIX

	10° Optic	30° Optic	50° Optic	80° Optic
ED5 (29.5W)	1030 lm	1081 lm	992 lm	723 lm
2700K (90CRI)	2275 lm	2403 lm	2139 lm	1624 lm
3000K (90CRI)	2458 lm	2597 lm	2311 lm	1755 lm
3500K (90CRI)	2516 lm	2657 lm	2366 lm	1796 lm
4000K (90CRI)	2590 lm	2735 lm	2435 lm	1849 lm

ED5 NIC, RIC (15.3W)	10° Optic	30° Optic	50° Optic	80° Optic
Warm Dim (98 CRI, RB-90)	1030 lm	1081 lm	992 lm	723 lm
ED5 AIG, ANC (24W)	10° Optic	30° Optic	50° Optic	80° Optic
Warm Dim (98 CRI, RB-90)	1472 lm	1545 lm	1418 lm	1033 lm

EDSL (15.3W)	10° Optic	30° Optic	50° Optic	80° Optic
2700K (90CRI)	1349 lm	1424 lm	1289 lm	963 lm
3000K (90CRI)	1457 lm	1539 lm	1370 lm	1040 lm
3500K (90CRI)	1491 lm	1575 lm	1402 lm	1065 lm
4000K (90CRI)	1535 lm	1621 lm	1443 lm	814 lm

EDS5 (24W)	10° Optic	30° Optic	50° Optic	80° Optic
2700K (90CRI)	1953 lm	2063 lm	1836 lm	1394 lm
3000K (90CRI)	2110 lm	2229 lm	1984 lm	1507 lm
3500K (90CRI)	2160 lm	2282 lm	2031 lm	1542 lm
4000K (90CRI)	2223 lm	2348 lm	2090 lm	1587 lm
Warm Dim (98 CRI, RB-90)	1472 lm	1545 lm	1418 lm	1033 lm

EDS5 (24W)	10° Optic	30° Optic	50° Optic	80° Optic
Warm Dim (98 CRI, RB-90)	1472 lm	1545 lm	1418 lm	1033 lm

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Patent: csllighting.com/patents



SPEC-00273 NEW ECO, 5", V-8.0, UPDATED 05/19/2023

ORDER MATRIX

ED5

ECO 5" HOUSING + LIGHT ENGINE ORDER MATRIX (Example: ED5AIC-309050-30S)

HOUSING BASE			LED PERFORMANCE			DRIVER ASSEMBLY	
FAMILY APERTURE		INSTALLATION TYPE	CCT	CRI	OPTIC	WATTAGE	LED DIMMING DRIVER
☐ EDS	ECO 5"	☐ AIC (Adjustable New Construction, IC, CCEA)	-27 (2700K)	90 (90 CRI)	50° (50° Flood) Installed	-30 (29.5W)	\$ Universal Dimming Driver (1%-100% 0-10V, TRAC, ELV, 120V/277V)
		☐ ANC (Adj New Construction)	-30 (3000K)		10°, 30°, 80° optics available from the Additional Optics Accessories table below		
		☐ NC (New Construction)	-35 (3500K)				
		☐ RM (Remodel)	-40 (4000K)				
☐ EDS	ECO 5"	☐ AIC' (Adjustable New Construction, IC, CCEA) ☐ ANC' (Adj New Construction) ☐ NIC' (New Construction IC) ☐ RIC' (Remodel IC)	-WD* (1800K-3000K)	98 (98 CRI)	50° (50° Flood) Installed 10°, 30°, 80° optics available from the Additional Optics Accessories table below	-16* (15.3W) -25*1/2 (24W)	\$ Universal Dimming Driver (1%-100% 0-10V, TRAC, ELV, 120V/277V)
Warm Dim			Warm Dim	Warm Dim			

