

1 PHOTOMETRIC SITE PLAN  
SCALE: 1"=20'-0"

NOTES:

- PLAN WAS BASED ON THE INFORMATION PROVIDED. ALL DIMENSIONS, LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.
- THE STUDY IS BASED ON REQUESTED ILLUMINATION LEVELS, LUMINAIRE LOCATIONS, OR ADDITIONAL CRITERIA BY THE AUTHORITIES HAVING JURISDICTION.
- THE CALCULATED PHOTOMETRIC LEVELS MAY OR MAY NOT MEET CERTAIN STANDARDS OR RECOMMENDED PRACTICES OF IESNA.
- THE PHOTOMETRIC PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. LABORATORY TESTS ARE MADE UNDER OPTIMUM CONDITION, WITH LAMP OUTPUT AT RATED VALUE, AND IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS.
- ACTUAL ILLUMINANCE LEVELS MAY DIFFER DUE TO VARIABLE FIELD CONDITIONS SUCH AS (BUT NOT LIMITED TO) VARIANCE IN LAMP LUMEN OUTPUT, LAMP TILT FACTOR, BALLAST WATTAGE OUTPUT, LINE VOLTAGE AT BALLAST, REFLECTOR SPECULARITY, LAMP LUMEN DEPRECIATION, AND LUMINAIRE DIRT DEPRECIATION.
- THE 30'-0" MOUNTING HEIGHT IS THE ACTUAL ASSEMBLY (POLE, BASE, AND FIXTURE) AND MAY DIFFER FROM THAT OF THE LUMINAIRE'S LUMINOUS APERTURE.
- THIS PLAN IS FOR RELATIVE LAYOUT AND SCOPE OF WORK PURPOSES ONLY. REFER TO THE SEPARATE PREPARED BY LOCAL CONSULTANT FOR RELATIONSHIP OF THESE LUMINAIRES AND THEIR LOCATIONS TO EXISTING STRUCTURE AND REFERENCE.

CONTRACTOR TO ENSURE LIGHT POLE AND HANDICAP PARKING SIGN ARE AT LEAST 2' FROM THE BACK OF CURB TO PREVENT VEHICLES FROM STRIKING THE LIGHT POLE OR HANDICAP PARKING SIGN. USED LIGHT POLE BASES SHALL BE A MINIMUM OF 2'-6" FROM BACK OF CURB CENTER OF FUTURE BASE. ENGINEER TO VERIFY PROPOSED LOCATION FOR ANY CONFLICTS OR MISPLACEMENT. REPORT TO LIGHTING DESIGNER FOR DISCREPANCIES OR CONFLICTS.

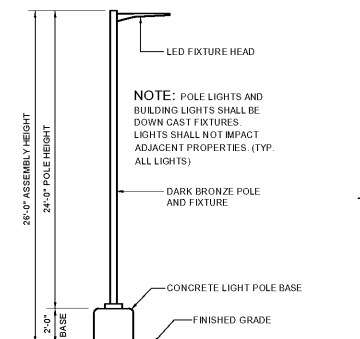
**LED AREA LIGHTS - LSI SLICE MEDIUM (XL0)**

**MANUFACTURER SPECIFICATION SHEET FOR SITE FIXTURES**

ARRA, IESNA, ENEC, CE, FC, IP65

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_  
 Catalog #: \_\_\_\_\_ Location Code: \_\_\_\_\_

2 AREA LIGHT DETAIL  
SCALE: NOT TO SCALE



**CALCULATION SUMMARY**

LABEL	UNITS	AVG	MAX	MIN
CANOPY	FC	48.43	74.2	6.6
WITHIN PROPERTY LINE	FC	18.46	74.2	0.0

**LUMINAIRE SCHEDULE**

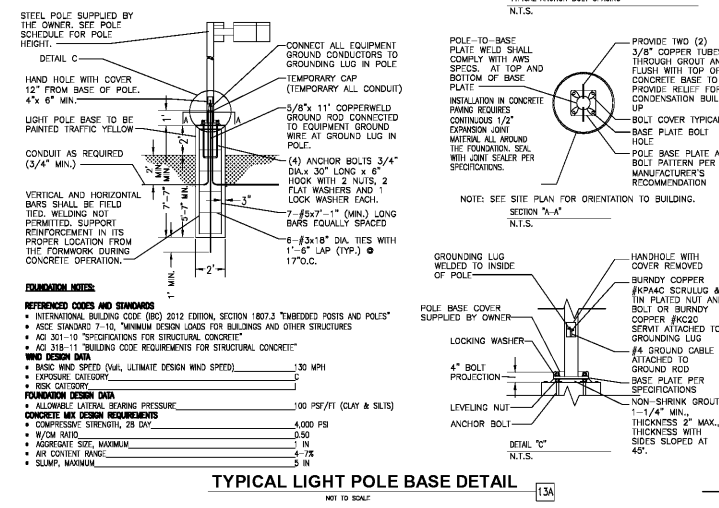
MOUNTING CONFIG	SYMBOL	QTY	ASSEMBLY HEIGHT	POLE HEIGHT	LUMENS	TOTAL WATTS	MODEL NUMBER	DESCRIPTION
S	[Symbol]	2	26'-0"	24'-0"	300	193	XLM-FT-LED-SS-CW-UE-BRZ	LSI LIGHTING, SLICE MEDIUM LED SERIES AREA LIGHT, SUPER SAVER, COOL WHITE, SINGLE HEAD FLAT LENS FIXTURE, FORWARD THROW
CANOPY	[Symbol]	22	15'-0"	N/A	150	132	CRUS-SC-LED-HO-50-UE-WHT	LSI LIGHTING, LEGACY SERIES, FLAT LENS CANOPY FIXTURE
F	[Symbol]	3	8'-3"	N/A	4100	42	XSPWA03MCUS-UZK	CREE LIGHTING, XSP WALL MOUNT LUMINAIRE, 5700K CCT, WITH PHOTOCELL SENSOR
M	[Symbol]	2	8'-3"	N/A	300	20	LR6-18L-35K-120V-A-DR W/LT6A	CREE LIGHTING, LR-6 DOWN LIGHT LUMINAIRE, 3500K CCT, 1800 LUMENS FULLY RECESSED ENTRY LIGHTS WITH HOUSING RCG-12W-GU24

NOTES: ALL AREA SITE LIGHT FIXTURES AND POLES TO BE MOUNTED ON CONCRETE BASE PER DETAIL. THIS SHEET ALL ANCHOR BOLTS TO BE ORIENTED IN THE SAME DIRECTION (SQUARE) AT INSTALLATION PER MANUFACTURER'S SPECIFICATIONS. ALL FIXTURES TO BE FULLY GROUND OFF FIXTURE.

**POLE SCHEDULE**

MOUNTING CONFIG	SYMBOL	QTY	HEIGHT	MODEL NUMBER	DESCRIPTION
S	[Symbol]	3	24'-0"	5SQB3-S11G-24-S-BRZ-SBC	LSI LIGHTING, STEEL SQUARE POLE, BOLT-ON ARM MOUNT, BRONZE

NOTE: ALL AREA SITE LIGHT FIXTURES AND POLES TO BE MOUNTED ON CONCRETE BASE PER DETAIL. THIS SHEET



MANUFACTURER SPECIFICATION SHEET FOR CANOPY FIXTURE

**MURPHY USA**  
GREENWOOD, SOUTH CAROLINA  
(#1362 #5639)

**PHOTOMETRIC SITE PLAN**

Project No: MOC9636  
 Sheet Scale: 1"=20'-0"  
 Designed By: JMG  
 Drawn By: JMG  
 Date: March, 2018  
 Disk File: L:\Photometric\_Drawings\_SC\1362

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