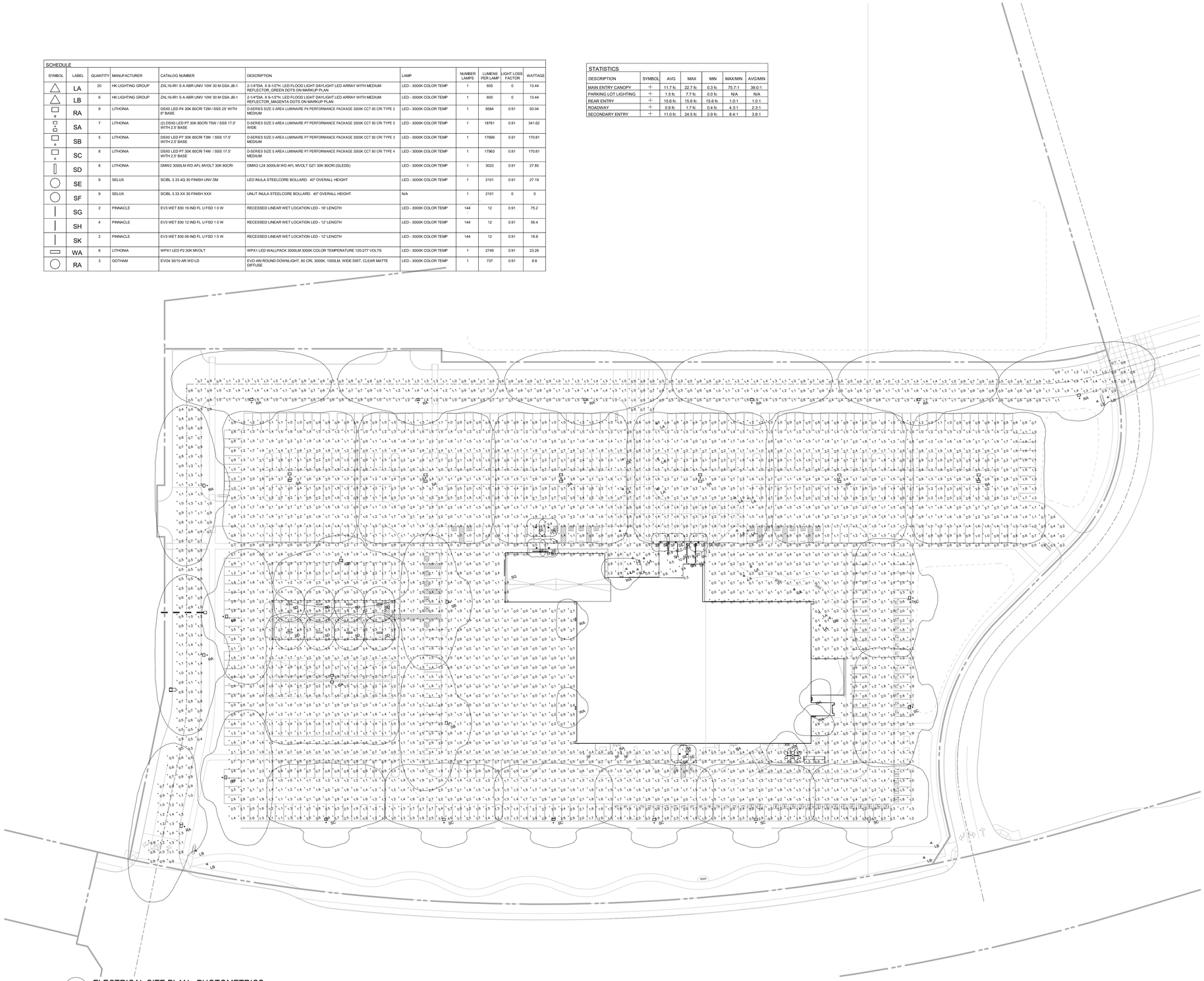
SCHEDULE

SYMBOL	LABEL	QUANTITY	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP	NUMBER LAMPS	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
△	LA	20	HK LIGHTING GROUP	ZXL16-IR1 S A ABR UNIV 10W 30 M GSA JB-1	2-1/4"DIA. X 9-1/2"H. LED FLOOD LIGHT DAYLIGHT LED ARRAY WITH MEDIUM REFLECTOR, GREEN DOTS ON MARKUP PLAN	LED - 3000K COLOR TEMP	1	605	0	13.44
△	LB	6	HK LIGHTING GROUP	ZXL16-IR1 S A ABR UNIV 10W 30 M GSA JB-1	2-1/4"DIA. X 9-1/2"H. LED FLOOD LIGHT DAYLIGHT LED ARRAY WITH MEDIUM REFLECTOR, MAGENTA DOTS ON MARKUP PLAN	LED - 3000K COLOR TEMP	1	605	0	13.44
▭	RA	9	LITHONIA	DSX0 LED P4 30K 80CRI T2M / SSS 25' WITH 6" BASE	D-SERIES SIZE 0 AREA LUMINAIRE P4 PERFORMANCE PACKAGE 3000K CCT 80 CRI TYPE 2 MEDIUM	LED - 3000K COLOR TEMP	1	9584	0.91	93.04
▭	SA	7	LITHONIA	(2) DSX0 LED P7 30K 80CRI T5W / SSS 17.5' WITH 2.5' BASE	D-SERIES SIZE 0 AREA LUMINAIRE P7 PERFORMANCE PACKAGE 3000K CCT 80 CRI TYPE 5 WIDE	LED - 3000K COLOR TEMP	1	18781	0.91	341.62
▭	SB	5	LITHONIA	DSX0 LED P7 30K 80CRI T3M / SSS 17.5' WITH 2.5' BASE	D-SERIES SIZE 0 AREA LUMINAIRE P7 PERFORMANCE PACKAGE 3000K CCT 80 CRI TYPE 3 MEDIUM	LED - 3000K COLOR TEMP	1	17699	0.91	170.81
▭	SC	8	LITHONIA	DSX0 LED P7 30K 80CRI T4M / SSS 17.5' WITH 2.5' BASE	D-SERIES SIZE 0 AREA LUMINAIRE P7 PERFORMANCE PACKAGE 3000K CCT 80 CRI TYPE 4 MEDIUM	LED - 3000K COLOR TEMP	1	17963	0.91	170.81
▯	SD	8	LITHONIA	DMW2 3000LM WD AFL MVOLT 30K 80CRI	DMW2 L24 3000LM WD AFL MVOLT GZ1 30K 80CRI (GLEDS)	LED - 3000K COLOR TEMP	1	3023	0.91	27.85
◯	SE	9	SELUX	SCIBL 3.33 4Q 30 FINISH UNV DM	LED INULA STEELCORE BOLLARD. 40" OVERALL HEIGHT	LED - 3000K COLOR TEMP	1	2101	0.91	27.19
◯	SF	9	SELUX	SCIBL 3.33 XX 30 FINISH XXX	UNLIT INULA STEELCORE BOLLARD. 40" OVERALL HEIGHT	N/A	1	2101	0	0
|	SG	2	PINNACLE	EV3 WET 830 16 IND FL U FSD 1 0 W	RECESSED LINEAR WET LOCATION LED - 16' LENGTH	LED - 3000K COLOR TEMP	144	12	0.91	75.2
|	SH	4	PINNACLE	EV3 WET 830 12 IND FL U FSD 1 0 W	RECESSED LINEAR WET LOCATION LED - 12' LENGTH	LED - 3000K COLOR TEMP	144	12	0.91	56.4
|	SK	2	PINNACLE	EV3 WET 830 06 IND FL U FSD 1 0 W	RECESSED LINEAR WET LOCATION LED - 12' LENGTH	LED - 3000K COLOR TEMP	144	12	0.91	18.8
▭	WA	6	LITHONIA	WPX1 LED P2 30K MVOLT	WPX1 LED WALLPACK 3000LM 3000K COLOR TEMPERATURE 120-277 VOLTS	LED - 3000K COLOR TEMP	1	2749	0.91	23.26
◯	RA	3	GOTHAM	EVO4 30/10 AR WD LD	EVO 4IN ROUND DOWNLIGHT, 80 CRI, 3000K, 1000LM, WIDE DIST, CLEAR MATTE DIFFUSE	LED - 3000K COLOR TEMP	1	737	0.91	8.8

STATISTICS

DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
MAIN ENTRY CANOPY	+	11.7 fc	22.7 fc	0.3 fc	75.7:1	39.0:1
PARKING LOT LIGHTING	+	1.5 fc	7.7 fc	0.0 fc	N/A	N/A
REAR ENTRY	+	15.6 fc	15.6 fc	15.6 fc	1.0:1	1.0:1
ROADWAY	+	0.9 fc	1.7 fc	0.4 fc	4.3:1	2.3:1
SECONDARY ENTRY	+	11.0 fc	24.5 fc	2.9 fc	8.4:1	3.8:1



1 ELECTRICAL SITE PLAN - PHOTOMETRICS
SCALE: 1" = 50'-0"

0 50' 100' 150'
GRAPHIC SCALE: 1" = 50' - 0"

GENERAL NOTES

A. SITE LIGHT FIXTURE SHALL BE CONNECTED USING 2#10, 1#10G, IN 1" CONDUIT.

B. SITE LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL. NORMAL AND EMERGENCY BRANCH SITE LIGHTING SHALL ALSO BE CONNECTED TO LIGHTING CONTROL PANEL. REFER TO SEQUENCE OF OPERATIONS FOR HOURS OF OPERATION OVERRIDE.

C. EXTERIOR LUMINAIRES SHALL MEET IESNA REQUIREMENTS FOR FULL CUTOFF AND SHALL BE AIMED DOWNWARD.

D. LUMINAIRES SHALL BE RECESSED OR SHIELDED SO THE LIGHT SOURCE IS NOT DIRECTLY VISIBLE FROM PROPERTY LINE.

E. THE MAXIMUM HEIGHT FROM FINISHED GRADE TO THE BOTTOM OF ANY EXTERIOR LUMINAIRE SHALL NOT EXCEED TWENTY (20) FEET.

F. EXTERIOR LIGHT POLES, POLE FIXTURES, AND YOKES, INCLUDING BOLLARDS, SHALL BE A FLAT BLACK OR DARK BRONZE.

G. PARKING LOT LIGHTING POLES AND BASES SHALL NOT BE PLACED IN THE TWO (2) FOOT PARKING STALL OVERHANG OR IN A PARKING STALL.

H. PER CITY OF SCOTTSDALE EXTERIOR LIGHTING POLICY:

- ALL LANDSCAPE LIGHTING DIRECTED UPWARD SHALL BE PAINTED BLACK. UTILIZE EXTENSION VISOR SHIELDS TO LIMIT VIEW OF LAMP SOURCE.
- LANDSCAPE LIGHTING DIRECTED UPWARD SHALL BE ORIENTED AWAY FROM THE PROPERTY LINE AND RIGHTS-OF-WAY.
- LANDSCAPE LIGHTING SHALL ONLY BE USED TO ACCENT PLANT MATERIAL.

J. EXTERIOR LIGHTING LEVELS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE 8.0 FC EXCEPT WHERE PERMISSABLE. IE. CANOPY LIGHTING WHERE LIGHT SOURCE IS INTEGRATED INTO SOFFIT OF THE CANOPY.

Banner Health
Center Plus

SCOTTSDALE CAMPUS

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Scottsdale, Arizona 85255

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SMITHGROUP

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AFFILIATED ENGINEERS, INC.
MEP
4742 N 24TH STREET, SUITE 100
PHOENIX, AZ 85016
602.429.5800

ISSUED FOR	REV	DATE
DRB CITY COMMENTS		*18JUN24*
DEVELOPMENT DESIGN REVIEW		*07 MAR 24*

SEALS AND SIGNATURES

NOT FOR CONSTRUCTION

SHEET TITLE

ELECTRICAL SITE LIGHTING PHOTOMETRICS

14303.000
PROJECT NUMBER

DRB_E1.02
SHEET NUMBER

Plot Date: 6/12/2024 11:21:50 AM Author