



Date	Description	No.
16 DEC 22	REVISED PER BOROUGH REVIEW COMMENTS	3
4 FEB 22	REVISED PER BOROUGH REVIEW COMMENTS	2
15 MAY 20	COMPLETENESS RESUBMISSION	1

REVISIONS

Michael Szura
 SIGNATURE MICHAEL SZURA DATE SIGNED
 N.J. LICENSED LANDSCAPE ARCHITECT
 LICENSE NO. A500815

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Project
NATIONAL LEAD REDEVELOPMENT
 BLOCK No. 297, LOT No. 1
 BLOCK No. 332, LOTS Nos. 1-4
 BLOCK No. 333, LOT No. 1
 BOROUGH OF SAYREVILLE
 MIDDLESEX COUNTY NEW JERSEY
 Drawing Title

LIGHTING PLAN
 Project No. 100580901
 Drawing No. AE-7
 Date 20 DECEMBER 2019
 Drawn By XW/SD
 Checked By DB

SITE LIGHTING SCHEDULE

SYMBOL	KEY	QTY.	FIXTURE MANUFACTURER	FIXTURE MODEL	FIXTURE DESCRIPTION	FIXTURE MOUNTING HEIGHT	LAMP	OPTICS	LUMENS	LLF	IES FILE	FIXTURE CATALOGUE NO.	POLE MANUFACTURER	POLE DESCRIPTION	POLE LENGTH	POLE CATALOGUE NO.
⊕	A	7	GE LIGHTING	EVOLVE LED ROADWAY LIGHTING	ROADWAY COBRA HEAD LIGHT FIXTURE; COLOR-WHITE	25'-0"	3000K LED	TYPE III	5,880	0.90	ERLC_08C430_120-277VIES	ERLC-VOLTS-06-C4-30-CONTROLS-WHITE	GE LIGHTING	STEEL, NON-TAPERED AREA LIGHTING POLES, COLOR-WHITE	25'-0"	ARSS-25-SD-50-7-WH WITH 8-FT ARM
•	B	77	SUN VALLEY LIGHTING	CMP-LED SERIES	POST-TOP LIGHT FIXTURE; COLOR-BLACK	16'-6"	3000K LED	TYPE II WITH HOUSE SIDE SHIELD	5,061	0.90	CMP-VLED-II-64LED-350mA-WW-HS-IES	CMPN-LED-VLED-II-64LED-WW-VOLTS-P1-RAL-9005-T-HS	SUN VALLEY LIGHTING	4" DIAM STRAIGHT ALUMINUM SHAFT	14'-0"	1040 (SEE NOTE 4 BELOW)
•	C	4	SUN VALLEY LIGHTING	CMP-LED SERIES	POST-TOP LIGHT FIXTURE; COLOR-BLACK	16'-6"	3000K LED	TYPE IV WITH HOUSE SIDE SHIELD	4,912	0.90	CMP-VLED-IV-64LED-350mA-WW-HS-IES	CMPN-LED-VLED-IV-64LED-WW-VOLTS-P1-RAL-9005-T-HS	SUN VALLEY LIGHTING	4" DIAM STRAIGHT ALUMINUM SHAFT	14'-0"	1040 (SEE NOTE 4 BELOW)
•	D	2	SUN VALLEY LIGHTING	CMP-LED SERIES	POST-TOP LIGHT FIXTURE; COLOR-BLACK	16'-6"	3000K LED	TYPE VSQ	6,937	0.90	CMP-VLED-VSQ-64LED-350mA-WW-IES	CMPN-LED-VLED-VSQ-64LED-WW-VOLTS-P1-RAL-9005-T	SUN VALLEY LIGHTING	4" DIAM STRAIGHT ALUMINUM SHAFT	14'-0"	1040 (SEE NOTE 4 BELOW)

NOTES:
 1. REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING VOLTAGES.
 2. CONTRACTOR TO CONFIRM CONTROLS SYSTEM REQUIRED BY THE OWNER AND PER CODE. BID PRICING SHALL INCLUDE CONTROL SYSTEM.
 3. POLES EQUAL TO 25 FT OR HIGHER SHALL RECEIVE FACTORY INSTALLED VIBRATION DAMPERS.
 4. SHAFT WALL THICKNESS TO BE CONFIRMED WITH MANUFACTURER FOR 114 MPH WIND ZONE.

STATISTICS

DESCRIPTION	AVG.	MAX.	MIN.	MAX/MIN	AVG/MIN
PARKING	1.7 FC	2.5 FC	1.2 FC	2.1:1	1.4:1
ROADWAY - CROSS AVE.	1.2 FC	2.4 FC	0.6 FC	4.0:1	2.0:1
ROADWAY - ON SITE	1.6 FC	2.8 FC	0.9 FC	3.1:1	1.8:1
SIDEWALK	1.7 FC	3.6 FC	1.0 FC	3.6:1	1.7:1
PROPERTY LINE	0.0 FC	0.5 FC	0.0 FC	N/A	N/A

NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR EXISTING AND ADJACENT LIGHTING TO REMAIN ARE NOT INCLUDED IN THE ABOVE STATISTICS.

NOTE: REFER TO DRAWING LL501 FOR LIGHTING NOTES AND DETAILS.

