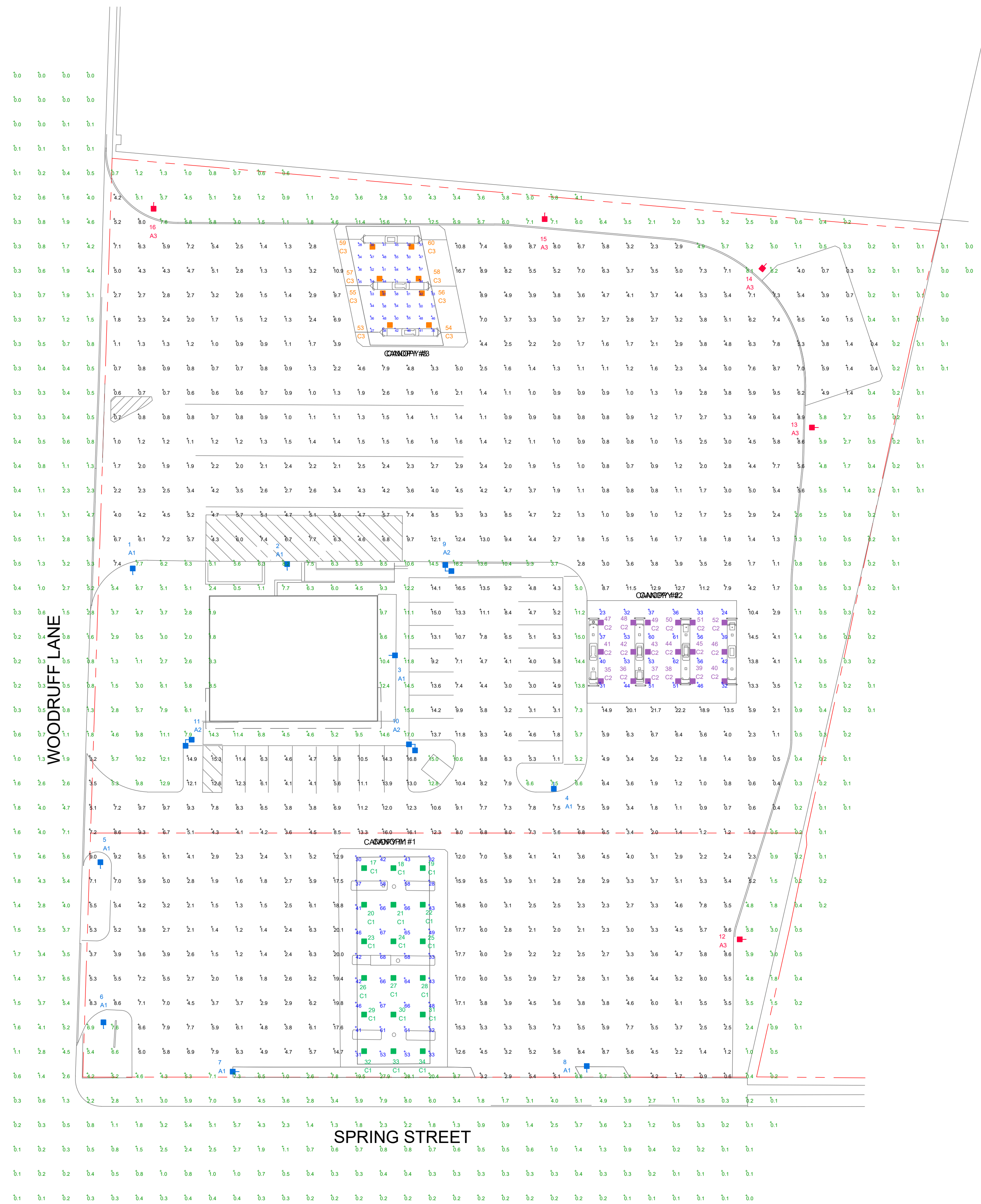


# Z-04-20



Symbol	Qty	Label	Arrangement	Lumens	LLF	Watts (Each)	Watts (Total)	BUG Rating	Manufacturer	Description
[Symbol]	8	A1	SINGLE	22330	1.030	166	1328	B3-U0-G3	CREE, INC.	OSQ-DAXX + OSQ-A-NM-4ME-T-57K-UL-XX
[Symbol]	3	A2	2 @ 90 DEGRE	22330	1.030	166	996	B3-U0-G3	CREE, INC.	OSQ-DAXX + OSQ-A-NM-4ME-T-57K-UL-XX
[Symbol]	5	A3	SINGLE	22791	1.030	215	1075	B3-U0-G3	CREE, INC.	OSQ-DAXX + OSQ-A-NM-4ME-U-57K-UL-XX + OSQ-BLSLF + SSS-4-11-20-CW-BD-1D-C-XX
[Symbol]	18	C1	SINGLE	13043	1.030	96	1728	B3-U0-G1	CREE, INC.	CPY250-B-DM-F-B-UL-XX-57K + XA-BXCCBPW
[Symbol]	18	C2	SINGLE	7720	1.030	60	1080	B3-U0-G1	CREE, INC.	CPY250-B-DM-F-A-UL-XX-57K + XA-BXCCBPB16X
[Symbol]	8	C3	SINGLE	13043	1.030	96	768	B3-U0-G1	CREE, INC.	CPY250-B-DM-F-B-UL-XX-57K

**Calculation Summary**

Label	Avg	Max	Min	Max/Min	Avg/Min
CANOPY #1	49.69	68	28	2.43	1.77
CANOPY #2	43.83	62	23	2.70	1.91
CANOPY #3	47.83	71	27	2.63	1.77
PAVED AREA	4.82	22.2	0.3	74.00	16.07
UNDEFINED AREA	2.81	28.1	0.0	N.A.	N.A.

**Luminaire Location Summary**

No.	Label	Mtg. Hgt.	Tilt
1 - 8	A1	20	0
9 - 11	A2	20	0
12 - 16	A3	22	0
17	C1	15	0
18 - 34	C1	15	0
35 - 52	C2	15	0
53 - 60	C3	15	0

**NOTES:**

- ALL PRODUCT MANUFACTURED BY CREE, INC. (UNLESS NOTED OTHERWISE)
- CONTRACTOR TO REMOVE ALL 2x2 BOXES FROM THE AUTO CANOPY, INSTALL NEW CPY250 FIXTURES AND COMPLETELY SEAL THE DECKING (CANOPY #1)
- ALL NEW AREA LIGHT POLES ARE TO BE MOUNTED ON NEW 2'-0" CONCRETE BASES

REV.	BY	DATE	DESCRIPTION
R1	RCF	03/06/2020	CHANGED THE MOUNTING HEIGHT OF ALL POLES. UPGRADE ALL AREA LIGHTS TO CREE OSQ'S. UPDATED THE SIZE OF THE BACKER PLATE TO 16".

PERSONS USING THIS PROGRAM ARE ADVISED THAT THIS PROGRAM MAY CONTAIN ERRORS WHICH RED LEONARD ASSOCIATES, INC. OR ITS SOFTWARE PROVIDER HAVE NOT OBSERVED. IN ADDITION, THE USE OF THIS PROGRAM TO ADJUST THE LAYOUT OF LIGHTING AND ESTIMATING MATERIAL QUANTITIES IS NOT INTENDED TO REMOVE THE RESPONSIBILITY OF THE USER TO VERIFY THE COMPLETENESS OF ANY BILL OF MATERIALS AND THAT THE LAYOUT OR USE OF LUMINAIRES IS IN FULL ACCORDANCE WITH ALL LOCAL, STATE, OR FEDERAL STATUTES, REGULATIONS OR OTHER REQUIREMENTS OR THE REQUIREMENTS OF ANY INSURANCE GROUP, ORGANIZATION OR CARRIER REGARDING LUMINAIRE AND THEIR APPLICATION.

FOR INFORMATIONAL AND ILLUSTRATION PURPOSES ONLY. ALL PRODUCT, SERVICE AND CORPORATE NAMES ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS. PRODUCT SPECIFICATIONS AND QUANTITIES MAY VARY. THESE DOCUMENTS ARE THE PROPERTY OF RED LEONARD ASSOCIATES, INC. ANY USE OF THESE DOCUMENTS WITHOUT THE WRITTEN CONSENT OF JANE J. LEONARD OF RED LEONARD ASSOCIATES, INC. IS STRICTLY PROHIBITED.

ILLUMINATION RESULTS SHOWN ON THIS LIGHTING APPLICATION ARE BASED ON PROJECT PARAMETERS PROVIDED BY THE MANUFACTURER LISTED. USER IN CONSULTATION WITH LUMINAIRE TEST PROCEDURES CONDUCTED UNDER LABORATORY CONDITIONS. ACTUAL PROJECT CONDITIONS DIFFERING FROM THESE PARAMETERS MAY AFFECT FIELD RESULTS. THE CUSTOMER IS RESPONSIBLE FOR VERIFYING COMPLIANCE WITH ANY APPLICABLE ELECTRICAL, LIGHTING, OR ENERGY CODE.

SCALE: 1" = 30'  
LAYOUT BY: RCF  
DWG SIZE: D  
DATE: 03/06/2020

PROJECT NAME:  
**SPEEDWAY #3495**  
**ELIZABETH, NJ**  
DRAWING NUMBER:  
**UR-5078-S1-R1**

