

LUMINAIRE LOCATION SUMMARY

LUM NO.	LABEL	MTG. HT.
1	A3	15
2	A3	15
3	A3	15
4	A3	15
5	A3	15
6	A5	15
7	A5	15
8	AR	8
9	AR	8
10	AR	8
11	B3	15
12	B3	15
13	B3	15
14	B5	15
15	B6	15
16	C7	15
17	C7	15
18	C7	15
19	C7	15
20	C7	15
21	C7	15
22	C7	15
23	C7	15
24	C7	15
25	C7	15
26	C7	15
27	C7	15
28	C7	15
29	C7	15
30	C7	15
31	C7	15
32	D	3.5
33	D	3.5
34	D	3.5
35	D	3.5
36	D	3.5
37	D	3.5
38	D	3.5
39	D	3.5
40	D	3.5
41	S	12
42	S	12
43	S	12
44	S	12
45	S	12
46	S	12
47	S	12
48	S	12
49	S	12
50	S	12
51	S	12
52	S	12
53	S	12
54	S	12
55	S	12
56	S	12
57	S	17.3
58	S	17.3
59	S	16.5
60	S	16.5
61	S	14
62	S	14
63	S	14
64	S	14



**NOTE:**  
 - EXCEPT FOR TYPE "AR" FIXTURES, ALL POLE MOUNTED FIXTURES ARE MOUNTED ON A 15FT POLE ATOP A CONCRETE BASE FLUSH AT GRADE.  
 - TYPE "AR" FIXTURE IS MOUNTED ON AN 8FT POLE ATOP A CONCRETE BASE FLUSH AT GRADE.

**REDLEONARD & ASSOCIATES PLAN REFERENCED FOR THIS DRAWING: RL-4926-S1-R5**

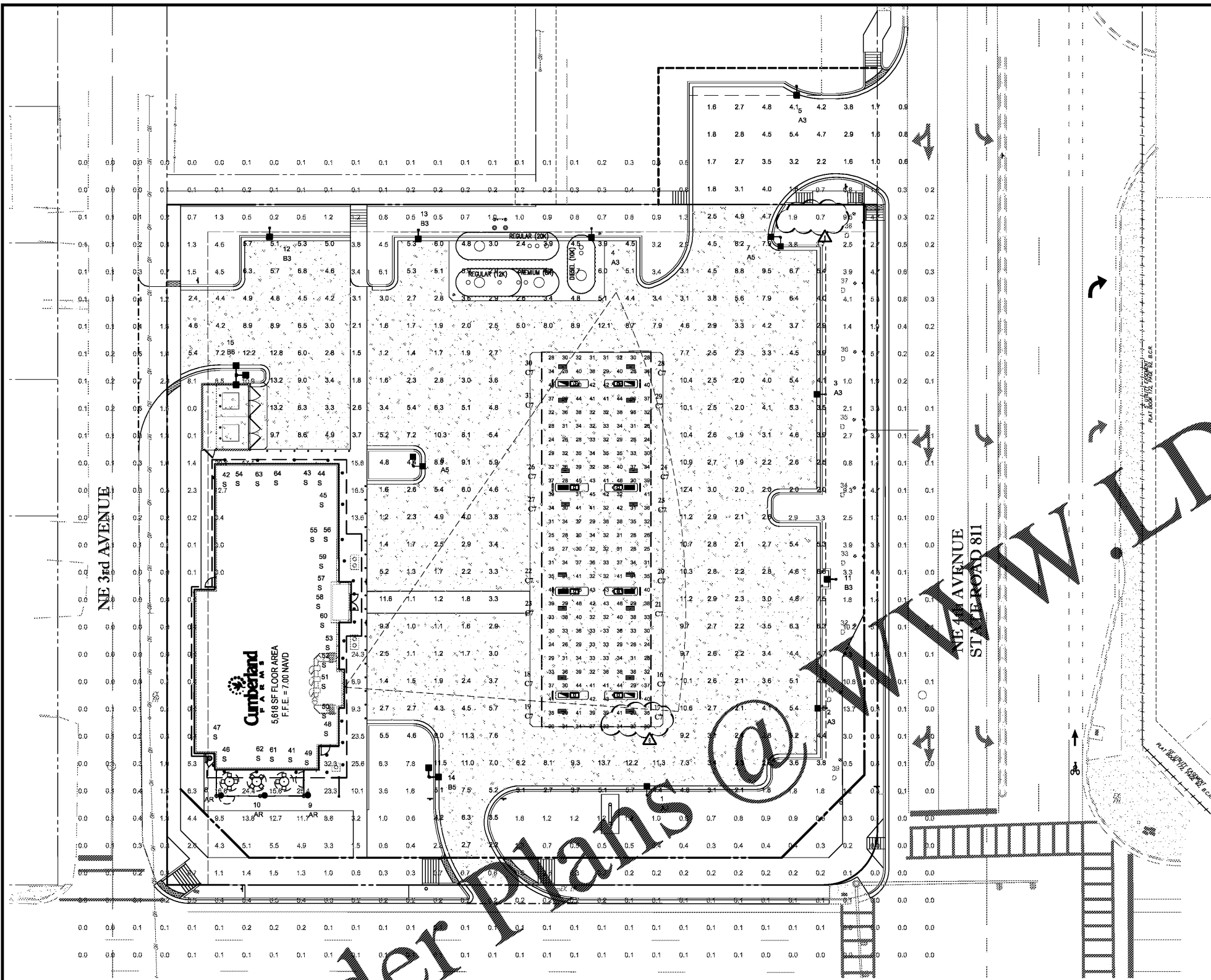
FOOTCANDLE LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES

LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN
CANOPY	34.18	48	24	1.42	2.00
PAVED AREA	4.56	13.7	0.6	7.60	22.83
UNDEFINED AREA	1.54	32.3	0.0	N.A.	N.A.

LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LATF	DIMMING LUMEN MULTIPLIER	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	DESCRIPTION
[Symbol]	5	A3	SINGLE	7896	1.000	1.000	1.010	B1-U0-G2	134	670	CREE, INC.	ARE-EDG-3MB-DA-06-E-UL-WH-700-57K-DIM
[Symbol]	2	A5	2 @ 90 DEGREES	7896	1.000	1.000	1.010	B1-U0-G2	134	536	CREE, INC.	ARE-EDG-3MB-DA-06-E-UL-WH-700-57K-DIM
[Symbol]	3	AR	SINGLE	7985	1.000	1.000	1.010	B3-U0-G2	92	276	CREE INC.	ARE-EDR-5M-R5-04-E-UL-WH-700-57K-DIM
[Symbol]	3	B3	SINGLE	8480	1.000	1.000	1.010	B1-U0-G2	134	402	CREE INC.	ARE-EDG-4MB-DA-06-E-UL-WH-700-57K-DIM
[Symbol]	1	B5	2 @ 90 DEGREES	8480	1.000	1.000	1.010	B1-U0-G2	134	268	CREE INC.	ARE-EDG-4MB-DA-06-E-UL-WH-700-57K-DIM
[Symbol]	1	B6	3 @ 90°	8480	1.000	1.000	1.010	B1-U0-G2	134	402	CREE INC.	ARE-EDG-4MB-DA-06-E-UL-WH-700-57K-DIM
[Symbol]	16	C7	SINGLE	21340	1.000	0.870	0.870	B4-U0-G1	166.84	2669.44	Cree Inc	CAN-228-SL-RM-09-E-UL-WH-700-57K -DIM (6.7 V)
[Symbol]	9	D	SINGLE	2018	1.000	1.000	1.010	B1-U0-G1	34	306	Cree Inc	PWY-EDG-3M-P4-02-E-UL-WH-525-57K
[Symbol]	24	S	SINGLE	2483	1.000	1.000	1.010	B2-U0-G0	37.4	897.6	Cree Inc	KR6-30L-40K-120V-10V + KR6T-SSGC-WF + KR6TA

Order Plans @ [www.wldilinc.com](http://www.wldilinc.com)



**THOMAS ENGINEERING GROUP**  
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS  
 6900 W. KENNEDY BLVD. SUITE 208  
 TAMPA, FL 33609  
 P: 813-979-4100  
 F: 813-979-7503

REVISIONS:

REV.	DATE	COMMENT	BY:
1	03/07/18	ISSUED 75% RESUBMITTAL	MAT
2	09/25/18	ISSUED 75% RESUBMITTAL	MAT
3	11/08/18	RESPONSE TO 75% COMMENTS	MAT
4	01/04/19	ADDRESS TRAFFIC ENG. CONDITIONS	MAT
6	10/09/19	REVISED SIGNS	MAT

**811** KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG  
 www.callsunshine.com

100% PLANS SUBMITTAL

PROJECT No.: F150057  
 DRAWN BY: JFV  
 CHECKED BY: MAT  
 DATE: 09/11/2019  
 CAD L.D.: F150057-LIGHTING PLAN

PROJECT:  
**CUMBERLAND FARMS**  
 SUNRISE BLVD. & NE 4TH AVENUE  
 FOR  
**CUMBERLAND FARMS**

**THOMAS ENGINEERING GROUP**  
 6300 NW 31ST AVENUE  
 FORT LAUDERDALE, FL 33309  
 PH: (954) 202-7000  
 FX: (954) 202-7070  
 www.ThomasEngineeringGroup.com

**MICHAEL A. TROXELL**  
 PROFESSIONAL ENGINEER  
 October 9, 2019  
 FLORIDA LICENSE No. 50572  
 FLORIDA BUSINESS CERT. OF AUTH. No. 27528

SHEET TITLE:  
**LIGHTING PLAN**  
 SHEET NUMBER:  
**CFG10.0**