Luminaire Schedule
Project: Wegmans Grocery Store - Chapel Hill, NC

Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	Description	Lum. Watts	Arr. Watts	Total Watts	BUG Rating
	4	P26-4LH	SINGLE	11707	0.855	P26-48L-700-NW-G2-4-HIS	101	101	404	B1-U0-G3
	12	P26-5-2	BACK-BACK	24474	0.850	(2)P26-80L-700-NW-G2-5	169	338	4056	B5-U0-G3
	3	P26-5-3	3 @ 90°	24474	0.850	(3)P26-80L-700-NW-G2-5	169	507	1521	B5-U0-G3
	14	P26-BLC-2R	TWIN-ROTATED	19955	0.850	(2)P26-80L-800-NW-G2-BLC - Rotated	192	384	5376	B1-U0-G3
	2	P26-BLC-L	SINGLE	8233	0.850	P26-48L-500-NW-G2-BLC	75	75	150	B1-U0-G2
	3	P264-HIS	SINGLE	21332	0.850	P26-80L-800-NW-G2-4-HIS	192	192	576	B2-U0-G4
	4	121-3	SINGLE	6100	0.850	121-16L-120O-NW-G4-3	65	65	260	B1-U0-G2
	14	P264-150	SINGLE	21145	0.850	P26-64L-800-NW-G2-4	150	150	2100	B3-U0-G4
	5	121-2	SINGLE	4802	0.850	121-16L-1000-NW-G3-2	55	55	275	B1-U0-G1
	3	121-4	SINGLE	3430	0.850	121-16L-700-NW-G3-4	38	38	114	B1-U0-G1

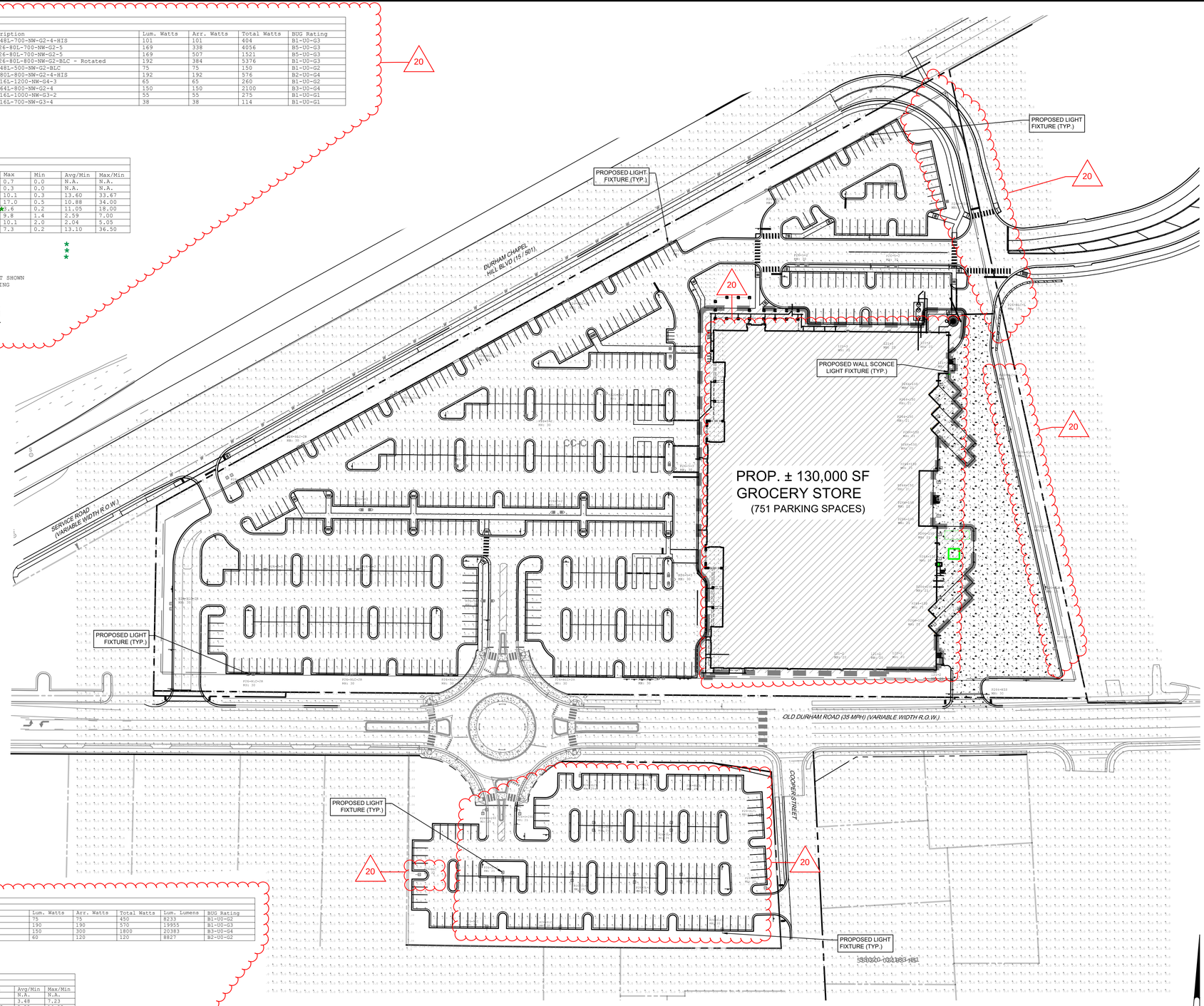
ALL FIXURE MOUNTING HEIGHTS ARE SHOWN ADJACENT TO FIXTURE LOCATIONS ON PLAN

Calculation Summary
Project: Wegmans Grocery Store - Chapel Hill, NC

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
FC at Property Line at Grade	Illuminance	Fc	0.15	0.7	0.0	N.A.	N.A.
FC Beyond Prop Line at Grade	Illuminance	Fc	0.01	0.3	0.0	N.A.	N.A.
Main Parking Lot FC at Grade	Illuminance	Fc	4.08	10.1	0.3	13.60	33.67
Rear Delivery Drive and Lot FC	Illuminance	Fc	5.44	17.0	0.5	10.88	34.00
Store Walkway FC	Illuminance	Fc	2.21	3.6	0.2	11.05	18.00
Upper Lot FC at Grade	Illuminance	Fc	3.62	9.8	1.4	2.59	7.00
Main Front Parking Only	Illuminance	Fc	4.08	10.1	2.0	2.04	5.05
Store Front Entrance - 50FT	Illuminance	Fc	2.62	7.3	0.2	13.10	36.50

ALL VALUES SHOWN ARE HORIZONTAL MAINTAINED FOOTCANDLES AT FINISHED GRADE (U.O.N.)
FIXTURE DISTRIBUTION TEMPLATES ARE SHOWN AT 0.5 MFC FOR REFERENCE USE ONLY
VALUES DO NOT INCLUDE CONTRIBUTION FROM ADJACENT PROPERTIES OR DECORATIVE LIGHTING NOT SHOWN
FOOTCANDLE VALUES DO NOT INCLUDE OBSTRUCTIONS FROM TREES, SHRUBS, LANDSCAPING OR FENCING

MAIN SITE LIGHTING



Luminaire Schedule
Project: Wegmans - Chapel Hill, NC - Employee Overflow Lot

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts	Arr. Watts	Total Watts	Lum. Lumens	BUG Rating
	6	P26-BLCL	SINGLE	0.850	P26-48L-500-NW-G2-BLC	75	450	8233		B1-U0-G2
	3	P26-BLC	SINGLE	0.850	P26-80L-800-NW-G2-BLC	190	190	570	19955	B1-U0-G3
	6	P26-3L-2	BACK-BACK	0.850	P26-64L-800-NW-G2-3	150	300	1800	20383	B3-U0-G4
	1	P26-4-290	2 @ 90°	0.850	P26-48L-400-NW-G2-4	60	120	120	8827	B2-U0-G2

ALL FIXTURE MOUNTING HEIGHTS ARE SHOWN ADJACENT TO FIXTURE LOCATIONS ON PLAN

Calculation Summary
Project: Wegmans - Chapel Hill, NC - Employee Overflow Lot

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
FC Beyond Prop Line at Grade	Illuminance	Fc	0.02	0.7	0.0	N.A.	N.A.
Paved Area FC at Grade	Illuminance	Fc	4.53	9.4	1.3	3.48	7.23
Property Line FC at Grade	Illuminance	Fc	0.16	0.28	0.02	8.00	14.00

ALL VALUES SHOWN ARE HORIZONTAL MAINTAINED FOOTCANDLES AT FINISHED GRADE (U.O.N.)
FIXTURE DISTRIBUTION TEMPLATES ARE SHOWN AT 0.30 MFC FOR REFERENCE USE ONLY
VALUES DO NOT INCLUDE CONTRIBUTION FROM ADJACENT PROPERTIES OR DECORATIVE LIGHTING NOT SHOWN
FOOTCANDLE VALUES DO NOT INCLUDE OBSTRUCTIONS FROM TREES, SHRUBS, LANDSCAPING, VEHICLES OR FENCING

OVERFLOW LOT LIGHTING

GENERAL NOTE:

A.) LIGHTING DESIGN FOR SITE, PREPARED BY QUALITY LIGHT SOLUTIONS, INC.
DATED: 05/04/2020

0 60' 120'

NORTH

Pennoni
Firm License F-1267
PENNONI ASSOCIATES INC.
5430 Wade Park Blvd #106
Raleigh, NC 27607
T 919.929.1173 F 919.493.6548

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

PROPOSED GROCERY STORE

1810 FORDHAM BLVD
CHAPEL HILL, NC 27514

LIGHTING PLAN

LEON CAPITAL GROUP
3500 MAPLE AVENUE, SUITE 1600
DALLAS TX, 75219

NO.	REVISIONS	BY
20	LIGHTING PLAN REV'S.	SAK
19	LIGHTING PLAN REVS.	SAK
18	SITE PLAN REV'S.	CJJ
17	UTILITY REVS.	SAK
16	UTILITY REVS.	SAK
15	ROOF DRAIN INVERT REV.	SAK
14	REV. PER BUILDING UTILITIES	SAK

DATE	
6/17/2020	
4/27/2020	
03/16/2020	
11/15/2019	
10/15/2019	
8/06/2018	
7/31/2019	

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PROJECT	LCGR1601
DATE	2017-12-01
DRAWING SCALE	1"= 60'
DRAWN BY	SAK
APPROVED BY	JJB

CS2201

SHEET 11 OF 30

U:\Accounts\WGANS\WGANS15001 - Wegmans Chapel Hill NC 2140\DESIGN\CS\CS2201.dwg PLOTTED: 7/23/2020 8:15 AM BY: Scott Kozsill PLOTSTYLE: Pennoni NCS.ctb PROJECT STATUS: ENGINEERING CONSTRUCTION PERMIT - PHASE TWO