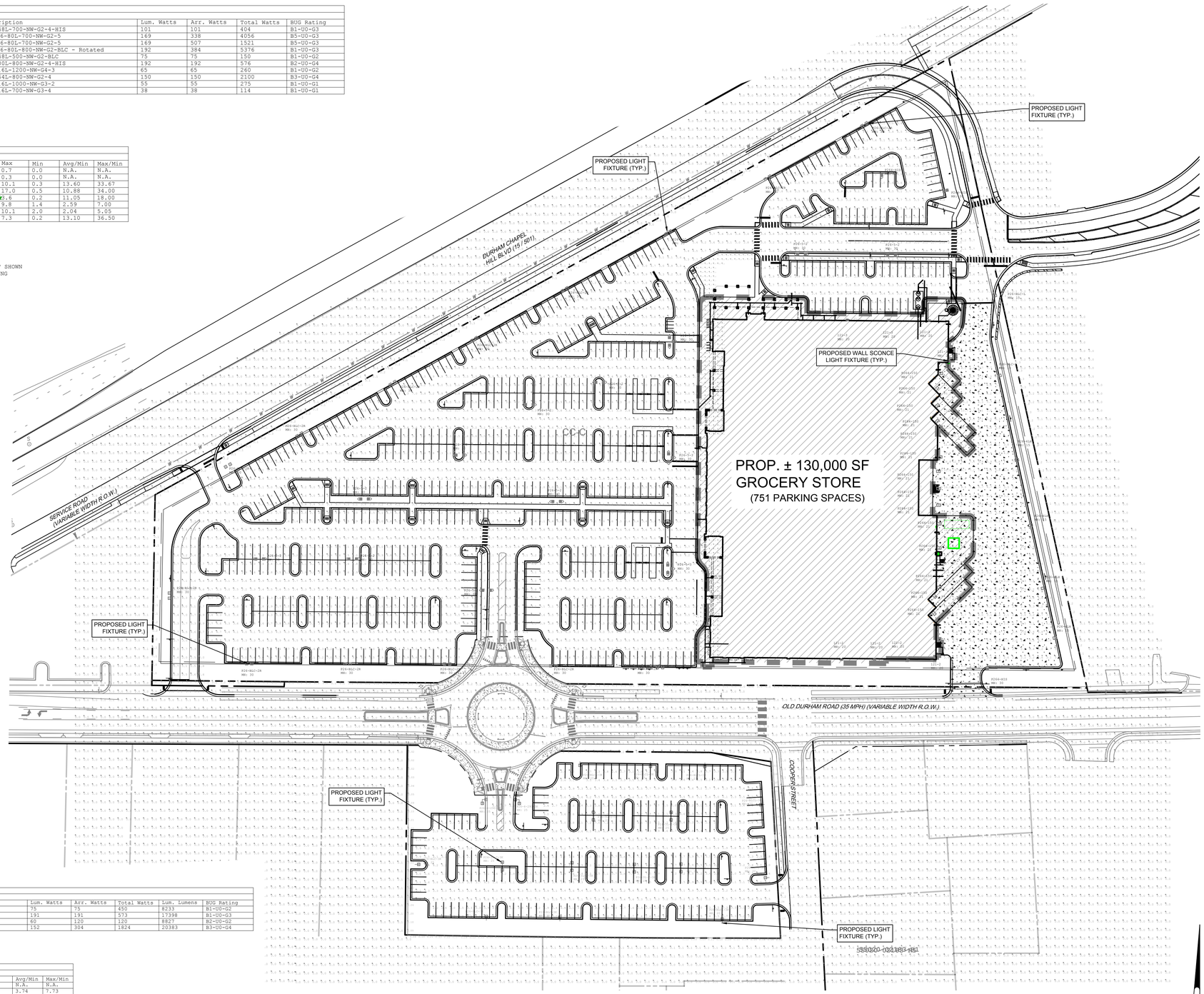
Luminaire Schedule										
Project: Wegmans Grocery Store - Chapel Hill, NC										
Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	Description	Lum. Watts	Arr. Watts	Total Watts	BUG Rating
	4	P26-4LH	SINGLE	11707	0.855	P26-48L-700-NW-G2-4-HIS	101	101	404	B1-U0-G3
	12	P26-5-2	BACK-BACK	24474	0.850	(2)P26-80L-700-NW-G2-5	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-120Q-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-3K	SINGLE	0.850	P26-48L-500-WW-G2-BLC	75	75	450	8233	B1-U0-G2
	3	P26-BLC-3K	SINGLE	0.850	P26-80L-800-WW-G2-BLC	191	191	573	17398	B1-U0-G3
	1	P26-4-290-3K	2 @ 90°	0.765	(2)P26-48L-400-WW-G2-4	60	120	120	8827	B2-U0-G2
	6	P26-3L-2-3K	BACK-BACK	0.765	(2) P26-64L-800-WW-G2-3	152	304	1824	20383	B3-U0-G4

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	0.01	0.6	0.0	N.A.	N.A.
Paved Area FC at Grade	Illuminance	Fc	4.11	8.5	1.1	3.74	7.73
Property Line FC at Grade	Illuminance	Fc	0.15	0.24	0.01	15.00	24.00

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: **07/21/2020**

NORTH

0 60' 120'

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.	DATE	REVISIONS	BY
21	8/4/2020	PER TOWN COMMENTS	KNB
20	6/17/2020	LIGHTING PLAN REVS.	SAK
19	4/27/2020	LIGHTING PLAN REVS.	SAK
18	03/16/2020	SITE PLAN REVS.	CJJ
17	11/15/2019	UTILITY REVS.	SAK
16	10/15/2019	UTILITY REVS.	SAK
15	8/06/2018	ROOF DRAIN INVERT REV.	SAK

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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\WGANS1601 - Wegmans Chapel Hill NC 2140\DESIGN\CS\CS2201.dwg PLOTTED: 8/5/2020 12:26 PM, BY: Christopher S. Bird PLOTSTYLE: Pennoni NCS.ctb PROJECT STATUS: ENGINEERING,CONSTRUCTION PERMIT - PHASE TWO