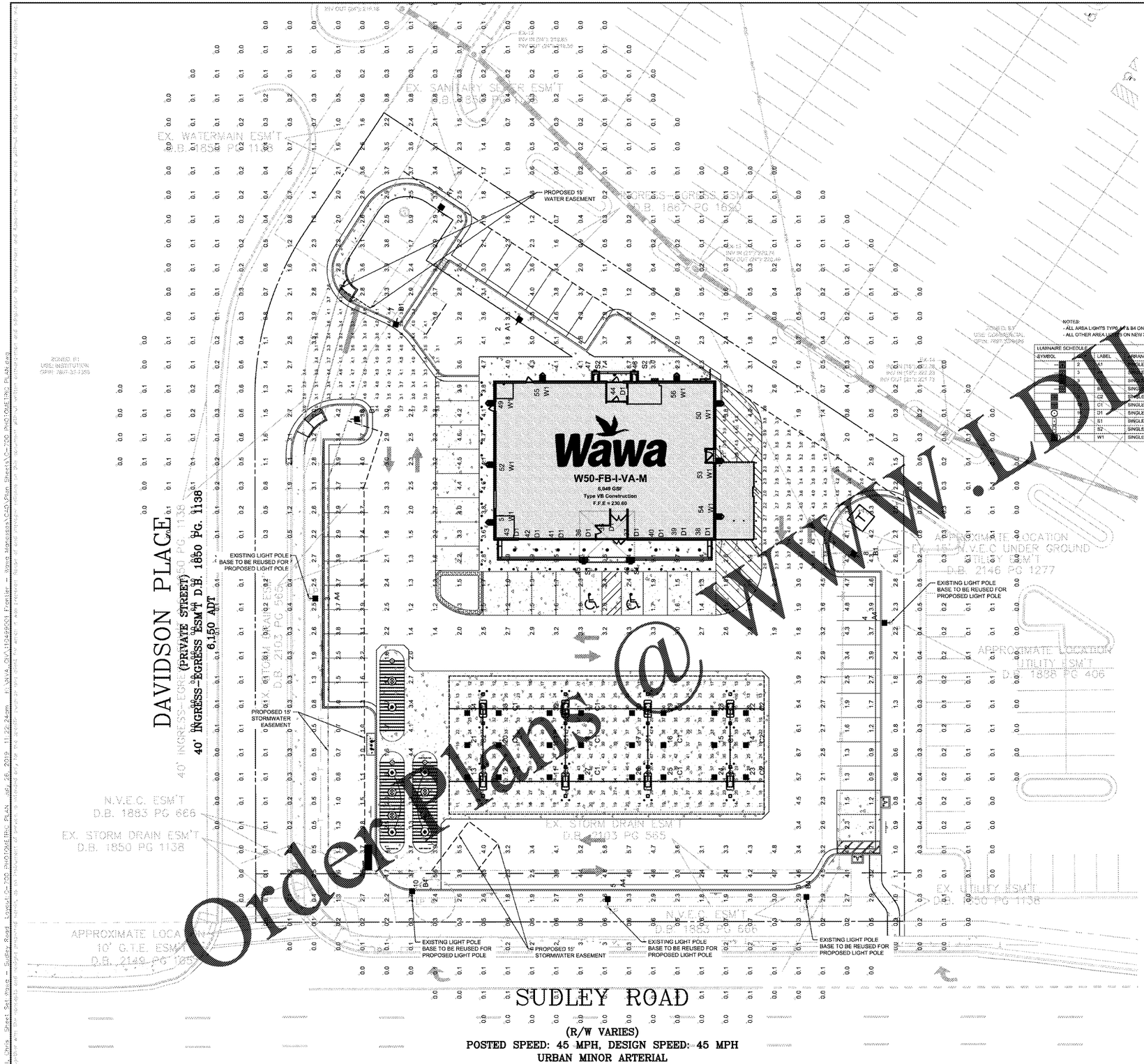

LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
1	A4	20.5
2	A1	20.5
3	A4	18.5
4	A4	18.5
5	A4	18.5
6	B1	20.5
7	B1	20.5
8	B1	20.5
9	B4	18.5
10	B4	18.5
11	C1	17.11
12	C1	17.11
13	C2	17.11
14	C2	19.32
15	C1	19.32
16	C1	19.32
17	C1	19.32
18	C1	19.32
19	C1	19.32
20	C1	19.32
21	C1	19.32
22	C2	21.53
23	C1	21.53
24	C1	21.53

LUMINAIRE LOCATION SUMMARY		
LUM NO.	LABEL	MTG. HT.
29	C1	21.53
30	C1	21.53
31	C1	21.53
32	C1	21.53
33	C1	21.53
34	C2	21.53
35	D1	9
36	D1	9
37	D1	9
38	D1	9
39	D1	9
40	D1	9
41	D1	9
42	D1	9
43	D1	9
44	D1	9
45	S1	9
46	S1	9
47	S2	6.5
48	S2	6.5
49	W1	15
50	W1	15
51	W1	15
52	W1	15
53	W1	15
54	W1	15
55	W1	15
56	W1	15

PROJECT LEVELS CALCULATED AT GRADE USING INITIAL LUMEN VALUES						
LABEL	AVG	MAX	MIN	AVG/MIN	MAX/MIN	MAX/AVG
BUILDING FRONT	5.52	9.7	2.3	2.40	4.22	1.76
CANOPY	28.02	47	9	3.11	5.22	1.68
DELIVERY	3.59	4.7	2.1	1.71	2.24	1.31
ENTRANCES & EXITS	3.61	5.2	2.0	1.81	2.60	1.44
PARKING	2.61	6.7	0.8	3.51	8.38	2.39
UNDEFINED	0.63	5.1	0.0	N.A.	N.A.	8.10

LUMINAIRE SCHEDULE								
SYMBOL	LABEL	ARRANGEMENT	LUMENS PER LAMP	LLF	BUG RATING	WATTS/LUMINAIRE	TOTAL WATTS	MANUFACTURER	DESCRIPTION
	A1	SINGLE	12018	1.000	B3-U0-G3	134.2	268.4	Cree Lighting	ARE-EDG-3M-DA-06-E-UL-WH-700-57K
	A4	SINGLE	9891	1.000	B1-U0-G2	134	402	CREE, INC.	ARE-EDG-3MB-DA-06-E-UL-WH-700-57K
	B1	SINGLE	12678	1.000	B3-U0-G2	134	402	Cree Inc.	ARE-EDG-4M-OA-06-E-UL-WH-700-57K
	B4	SINGLE	9949	1.000	B1-U0-G2	134	268	CREE, INC.	ARE-EDG-4MB-OA-06-E-UL-WH-700-57K
	C2	SINGLE	7794	1.000	B3-U0-G1	64	384	CREE, INC.	CAN-304-SL-RD-06-E-UL-WH-350-57K
	C1	SINGLE	10912	1.000	B3-U0-G1	101	1616	CREE, INC.	CAN-304-SL-RD-06-E-UL-WH-525-57K
	D1	SINGLE	1548	1.000	B1-U0-G0	27.5	276	PHILIPS LIGHTOLIER	C8L152D/W30/KC/WC8L13N1 (CAN LIGHT)
	S1	SINGLE	2011	1.000	B0-U0-G2	46.9	93.8	SCOTT ARCHITECTURAL LIGHTING	WC1 SCOTT ITL61322 59131 9x20
	S2	SINGLE	1119	1.000	B0-U4-G1	22.6	45.2	SCOTT ARCHITECTURAL LIGHTING	WC2 SCOTT ITL61321 59130 9x16
	W1	SINGLE	4210	1.000	B1-U0-G1	43	344	CREE, INC.	SEC-EDG-3M-WM-04-E-UL-WH-350-57K

REFER TO LIGHTING PLANS BY RED LEONARD ASSOCIATES FOR DETAILS

NOTES:
1. LIGHT POLES TO BE PLACES 5' FROM BACK OF CURB.
2. FOR EXISTING LIGHT POLES BASES LOCATED WITHIN 5' OF THE BACK OF CURB THE CONTRACTOR IS TO ADD A BOLLARD.

No.	REVISIONS	DATE	BY
1	FWC COMMENTS – 1ST ROUND	09/16/2018	CAH
2	FWC COMMENTS – 2ND ROUND	11/02/2018	CAH
3	FWC COMMENTS – SIGNATURE SET	02/06/2019	CAH
4	UTILITY REVISIONS	07/25/2019	CMH

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COMMONWEALTH OF VIRGINIA
ROSS STEVENS
Lic. No. 047498
07/06/2019
PROFESSIONAL ENGINEER

KHA PROJECT 110499001
DATE 02/06/2019
SCALE AS SHOWN
DESIGNED BY JLM
DRAWN BY JLM
CHECKED BY RSS

PHOTOMETRIC PLAN

WAWA - SUDLEY ROAD
PREPARED FOR
FRONTIER DEVELOPMENT
PRINCE WILLIAM COUNTY VA

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

Sheet 39 of 40

SHEET NUMBER
C-700

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