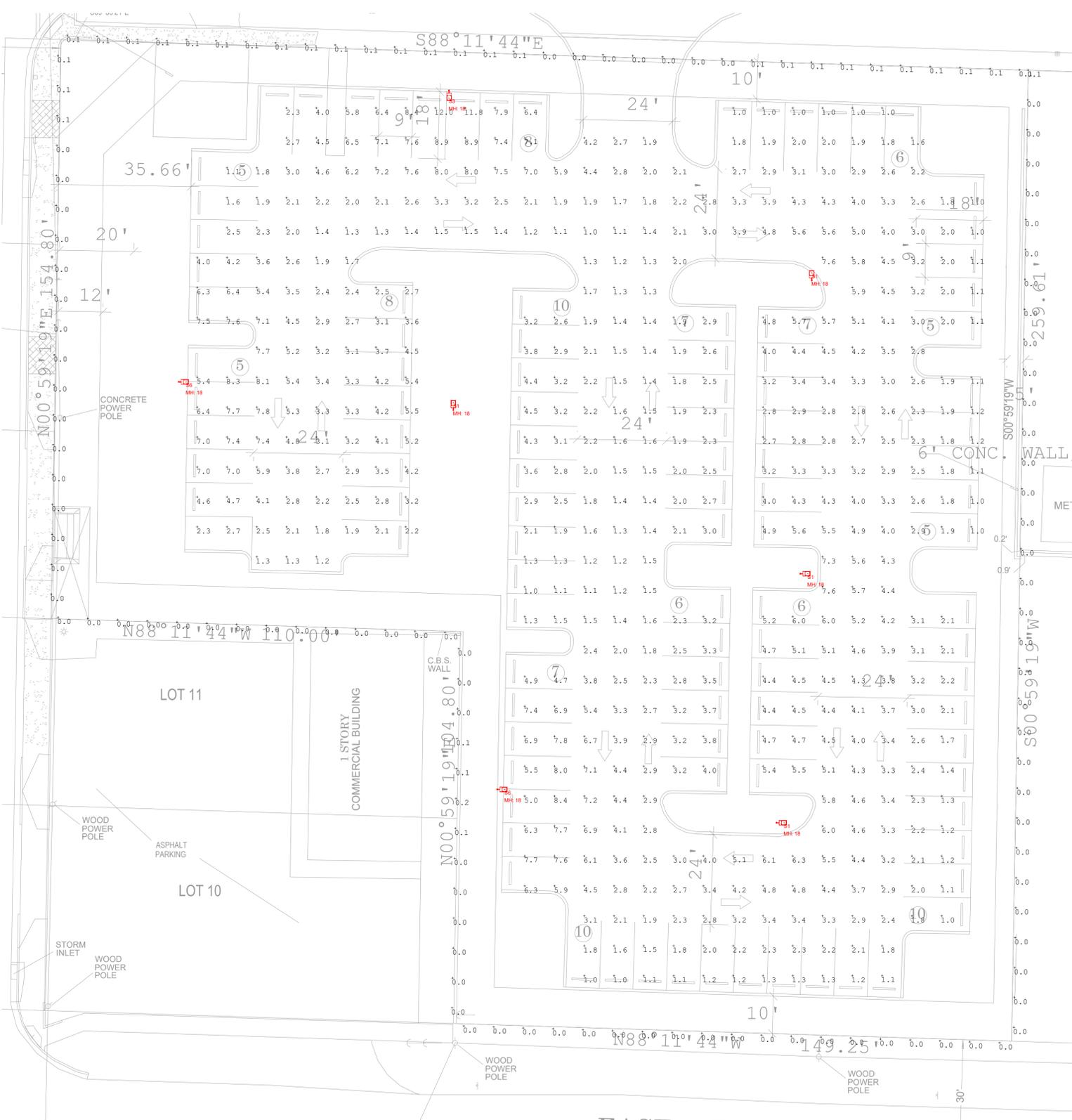




Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:



VIKING SALES AND SERVICE CENTER											
LIGHTING FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP COLOR	LUMENS	LAMP TYPE	DIM TYPE	WATTS	MOUNTING	NOTES
S1	LED SITE LUMINAIRE	STREETWORKS	GLAN-SA4C-730-U-SM2-FINISH / MA1039-XX	UNV	3000	26565	LED	0-10V	213	18' POLE	NOTE 1,2
S3	LED SITE LUMINAIRE	STREETWORKS	GLAN-SA4C-730-U-SL2-HSS-FINISH / MA1036-XX	UNV	3000	25347	LED	0-10V	213	18' POLE	NOTE 1,2
S5	LED SITE LUMINAIRE (TWO HEAD - ROTATING OPTICS)	STREETWORKS	GLAN-SA8C-730-U-SL4-HSS-FINISH / MA1037-XX	UNV	3000	(2)2523	LED	0-10V	(2)29	20' POLE	NOTE 1,3
S6	LED SITE LUMINAIRE	STREETWORKS	GLAN-SA4C-730-U-T3-HSS-FINISH / MA1036-XX	UNV	3000	18596	LED	0-10V	213	18' POLE	NOTE 1,2
S7	LED SITE LUMINAIRE (TWO HEAD - ROTATING OPTICS)	STREETWORKS	GLAN-SA4C-730-U-T4FT-FINISH / MA1036-XX	UNV	3000	(2)2523	LED	0-10V	(2)13	20' POLE	NOTE 1,3
S8	LED COVERED AREA	ILP	UFO-75WLEDUNV-40-MOUNTING-FINISH	UNV	4000	9148	LED	0-10V	75	SURFACE	NOTE 1
W1	WALL PACK	MC-GRAW EDISON	GWC-SA2C-730-U-SL3-FINISH	UNV	3000	13445	LED	0-10V	113	15' WALL	NOTE 1
W2	WALL PACK	MC-GRAW EDISON	GWC-SA2C-730-U-T4FT-FINISH	UNV	3000	13523	LED	0-10V	113	15' WALL	NOTE 1

**FIXTURE SCHEDULE NOTES**

NOTE 1: CONFIRM FINISH

NOTE 2: FIXTURE MOUNTED ON 18' DIRECT BURIAL ALUMINUM POLE - VALMONT MODEL # 1708-3050TE-P2-COOPER FINISH

NOTE 3: FIXTURE MOUNTED ON 20' DIRECT BURIAL ALUMINUM POLE - VALMONT MODEL # 1908-3050TE-P2-COOPER FINISH

FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF @ LIGHTING DYNAMICS-772-2657189

Photometrics Calculation Software Generated Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Lum. Lumens	Air. Lum. Lumens	LLF	Lum. Watts
S1	4	S1	Single	26565	26565	0.900	213
S3	1	S3	Single	20730	20730	0.900	213
S5	7	S5	Twin	42529	85058	0.900	429
S6	4	S6	Single	18596	18596	0.900	213
S7	1	S7	Twin	25273	50546	0.900	213
S8	28	S8	Single	9148	9148	0.900	27.7
W1	2	W1	Single	13445	13445	0.900	113
W2	7	W2	Single	13523	13523	0.900	113

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CIRCULATION DRIVES	Illuminance	Fc	6.02	45.8	1.0	6.02	45.80
COVERED AREA	Illuminance	Fc	23.18	30.6	14.4	1.61	2.13
FRONT ROW - DISPLAY AREA	Illuminance	Fc	30.74	56.2	3.3	9.32	17.03
FRONT ROW - BLDG A	Illuminance	Fc	25.91	37.2	16.7	1.55	2.23
FRONT ROW - OUTDOOR DISPLAY AREA	Illuminance	Fc	26.64	37.4	9.3	2.86	4.02
OFF SITE - PARKING	Illuminance	Fc	3.41	12.0	1.0	3.41	12.00
P LINE - RESIDENTIAL 1 @ 6' AGL	Illuminance	Fc	0.10	0.3	0.0	N.A.	N.A.
P LINE - RESIDENTIAL 2 @ 6' AGL	Illuminance	Fc	0.01	0.1	0.0	N.A.	N.A.
P LINE - PARK LOT @ 6' AGL	Illuminance	Fc	0.03	0.2	0.0	N.A.	N.A.
P LINE-DISP&COV AREA @ 6' AGL	Illuminance	Fc	4.56	27.6	0.0	N.A.	N.A.
PARKING - BLDG A	Illuminance	Fc	5.72	10.0	3.7	1.55	2.70
PARKING - BLDG B	Illuminance	Fc	6.63	9.3	3.6	1.84	2.58
PARKING - STORAGE	Illuminance	Fc	1.79	2.9	1.1	1.63	2.64
PROPERTY LINE @ 6' AGL	Illuminance	Fc	0.32	3.0	0.0	N.A.	N.A.
SERVICE AREA	Illuminance	Fc	3.92	7.6	0.9	4.36	8.44

2	PHOTOMETRIC STUDY	04/13/22
1	PHOTOMETRIC STUDY	11/30/21
No.	Revision/Issue	Date

**LIGHTING DYNAMICS, INC.**  
 7835 West Commercial Blvd.  
 Tamarac, FL 33351  
 (954) 944-0286  
 www.lightingdynamics.com

Project Name and Address  
**VIKING SALES AND SERVICE CENTER**  
**OFF SITE PARKING - SITE**  
 Riviera Beach, FL

FILE P:\PROJECTS\2021\NOVEMBER  
 CLIENT 2GHO / SPINA

Project VIKING SALES AND SERVICE CENTER Sheet  
 Date 04/13/2022 **L0.1**  
 Scale 1/16" = 1' DRAWN BY MR / GA



Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions. This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions.

NOTES:

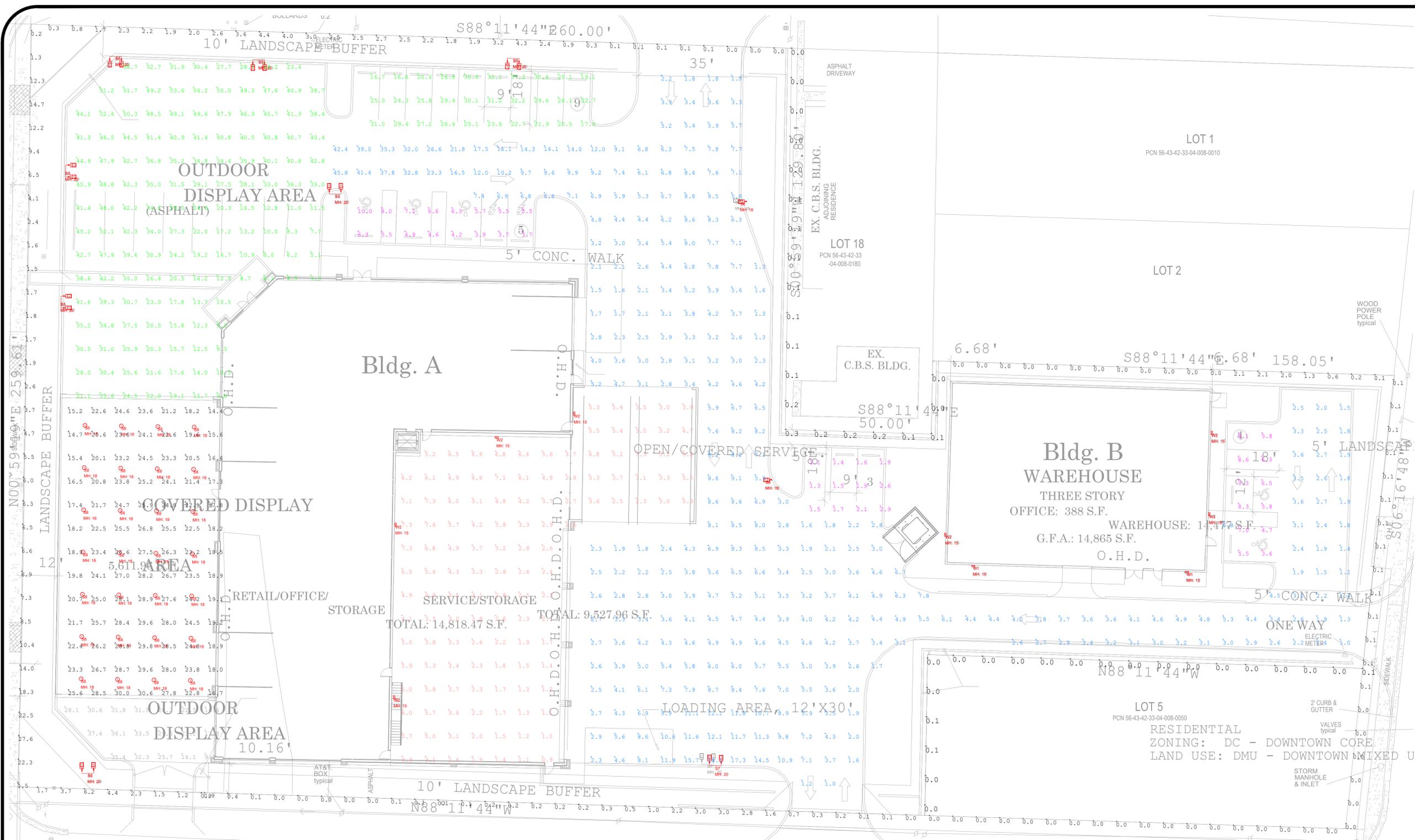
2	PHOTOMETRIC STUDY	04/13/22
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Project Name and Address  
**VIKING SALES AND SERVICE CENTER**  
 BUILDING AREA - SITE  
 Riviera Beach, FL

FILE: P:\PROJECTS\2021\NOVEMBER  
 CLIENT: 2GHO / SPINA

Project: **VIKING SALES AND SERVICE CENTER** Sheet: **L0.2**  
 Date: 04/13/2022  
 Scale: 1/16" = 1' DRAWN BY: MR / GA



Photometrics Calculation Software Generated Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	LLF	Lum. Watts	Arr. Watts
[Symbol]	4	S1	Single	26565	0.900	213	213	213
[Symbol]	1	S3	Single	20730	0.900	213	213	213
[Symbol]	7	S5	Twin	42529	0.900	429	858	858
[Symbol]	4	S6	Single	18596	0.900	213	213	213
[Symbol]	1	S7	Twin	25273	0.900	213	426	426
[Symbol]	28	S8	Single	9148	0.900	27.7	27.7	27.7
[Symbol]	2	W1	Single	13445	0.900	113	113	113
[Symbol]	7	W2	Single	13523	0.900	113	113	113

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CIRCULATION DRIVES	Illuminance	Fc	6.02	45.8	1.0	6.02	45.80
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FRONT ROW - DISPLAY AREA	Illuminance	Fc	30.74	56.2	3.3	9.32	17.03
FRONT ROW - BLDG A	Illuminance	Fc	25.91	37.2	16.7	1.55	2.23
FRONT ROW - OUTDOOR DISPLAY AREA	Illuminance	Fc	28.64	37.4	9.3	2.86	4.02
OFF SITE - PARKING	Illuminance	Fc	3.41	12.0	1.0	3.41	12.00
P LINE - RESIDENTIAL 1 @ 6' AGL	Illuminance	Fc	0.10	0.3	0.0	N.A.	N.A.
P LINE - RESIDENTIAL 2 @ 6' AGL	Illuminance	Fc	0.01	0.1	0.0	N.A.	N.A.
P LINE - PARK LOT @ 6' AGL	Illuminance	Fc	0.03	0.2	0.0	N.A.	N.A.
P LINE - DISP&COV AREA @ 6' AGL	Illuminance	Fc	4.56	27.6	0.0	N.A.	N.A.
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SERVICE AREA	Illuminance	Fc	3.92	7.6	0.9	4.36	8.44

VIKING SALES AND SERVICE CENTER

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP COLOR	LUMENS	LAMP TYPE	DIM TYPE	WATTS	MOUNTING	NOTES
S1	LED SITE LUMINAIRE	STREETWORKS	GLAN-SA4C-730U-SM2-FINISH / MA1036-XX	UNV	3000	26565	LED	0-10V	213	18' POLE	NOTE 1.2
S3	LED SITE LUMINAIRE	STREETWORKS	GLAN-SA4C-730U-SL4HSS-FINISH / MA1036-XX	UNV	3000	25347	LED	0-10V	213	18' POLE	NOTE 1.2
S5	LED SITE LUMINAIRE (TWO HEAD - ROTATIC OPTICS)	STREETWORKS	GLAN-SA4C-730U-SL4HSS-FINISH / MA1037-XX	UNV	3000	(2)X2529	LED	0-10V	(2)X29	20' POLE	NOTE 1.3
S6	LED SITE LUMINAIRE	STREETWORKS	GLAN-SA4C-730U-T3-HSS-FINISH / MA1036-XX	UNV	3000	18596	LED	0-10V	213	18' POLE	NOTE 1.2
S7	LED SITE LUMINAIRE (TWO HEAD - ROTATIC OPTICS)	STREETWORKS	GLAN-SA4C-730U-T4FT-FINISH / MA1036-XX	UNV	3000	(2)X2523	LED	0-10V	(2)X13	20' POLE	NOTE 1.3
S8	LED COVERED AREA	ISP	UFO-75WLED-UNV-40-MOUNTING-FINISH	UNV	4000	9148	LED	0-10V	75	SURFACE	NOTE 1
W1	WALL PACK	MCGRAW EDISON	GWG-SA2C-730U-SL3-FINISH	UNV	3000	13445	LED	0-10V	113	15' WALL	NOTE 1
W2	WALL PACK	MCGRAW EDISON	GWG-SA2C-730U-T4FT-FINISH	UNV	3000	13523	LED	0-10V	113	15' WALL	NOTE 1

FIXTURE SCHEDULE NOTES

NOTE 1: CONFIRM FINISH

NOTE 2: FIXTURE MOUNTED ON 18" DIRECT BURIAL ALUMINUM POLE - VALMONT MODEL # 1708-35505TE-P2-COOPER FINISH

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FOR QUESTIONS PERTAINING TO THIS FIXTURE SCHEDULE PLEASE CONTACT RYAN HUFF @ LIGHTING DYNAMICS - 772-266-7169