

REV.	DATE	DESCRIPTION
01	05-13-2025	DRC SUBMITTAL

ALL MEASUREMENTS MUST BE VERIFIED BEFORE  
BEGINNING THE WORKS. NO MEASUREMENTS ARE TO  
BE SCALED DIRECTLY FROM THIS DRAWING.

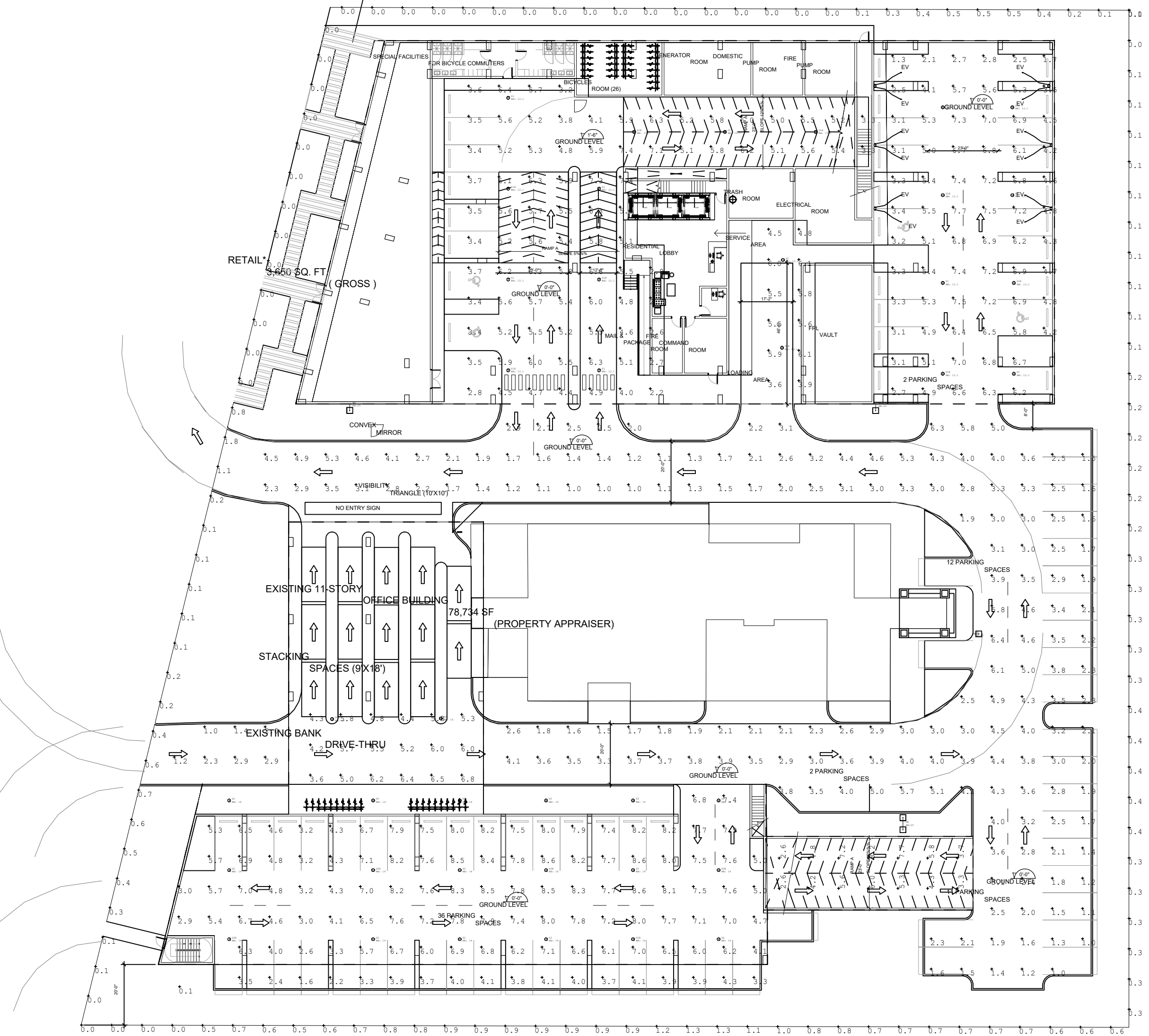
Key section

Client  
**VERA FUND**  
**NICK POLYUSHKIN**  
**& YURI KHARITONENKOV**  
TEL: 305.833.3303

Project  
**1600 S FEDERAL HIGHWAY**  
**(MIXED-USE PROJECT)**  
**1600 SOUTH FEDERAL HIGHWAY,**  
**POMPAHO BEACH, FL 33062**

Title <b>GROUND FLOOR PHOTOMETRICS</b>	
Drawn <b>J. WU</b>	Field <b>ARCHITECTURE</b>
Verified <b>N. TREMBLAY</b>	Scale <b>as shown</b>
Approved <b>S. L'ECUYER</b>	Date <b>01-19-2026</b>
Project Manager <b>J. WU</b>	Dwg. no. <b>P-001</b>
Project <b>24-838</b>	

BUILD-TO-ZONE AREA = 3,000 SF (100%%%)  
INCLUDING PAVEMENT AREA ( 1,200 SF ) & PLANTING AREA ( 1,800 SF )

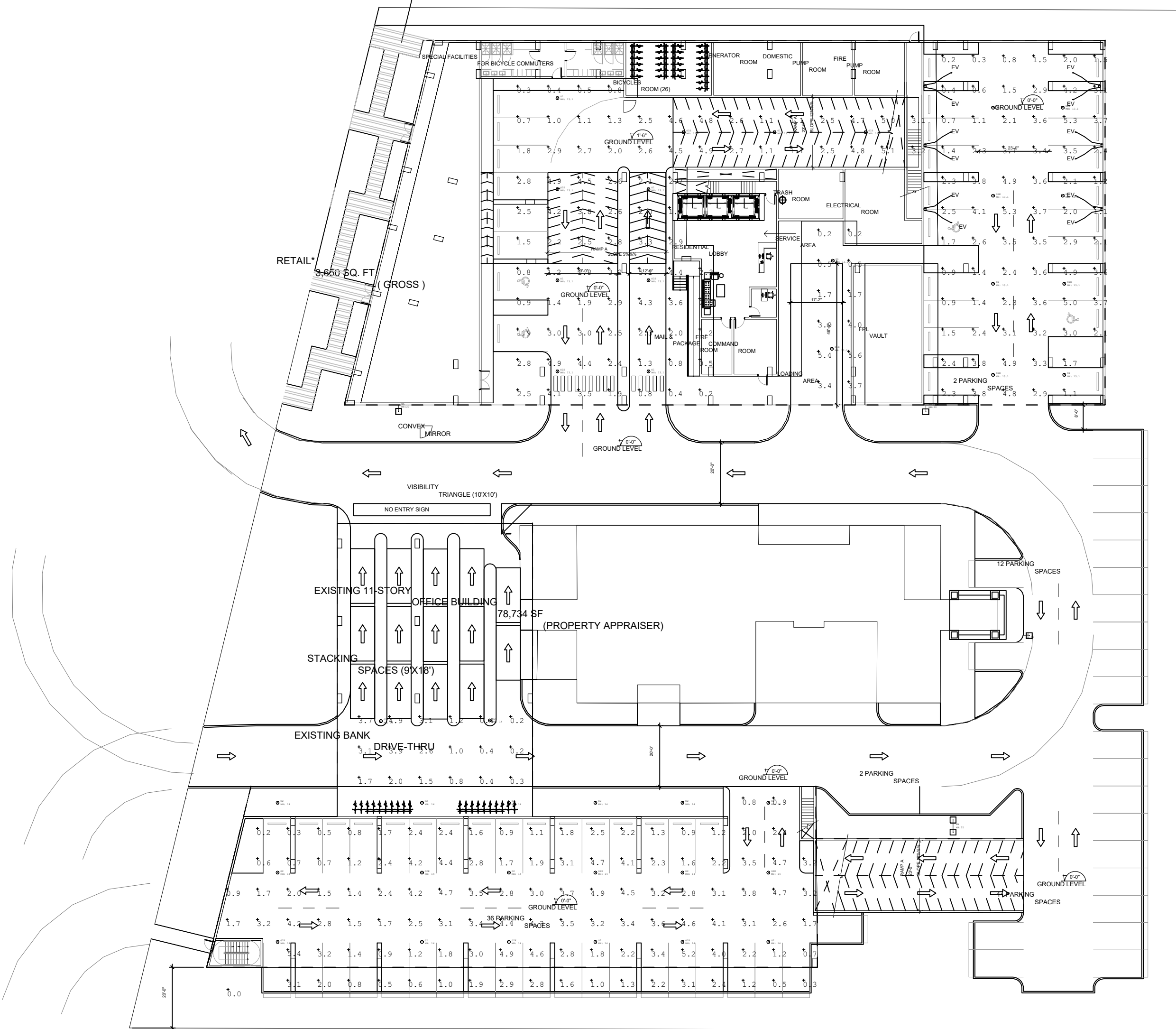


Luminaire Schedule				LLF	Luminaire Lumens	Luminaire Watts	Total Watts
Symbol	Qty	Label	Description				
○	10	G1	Single SLG Lighting PG LS100 G3 FSK	0.900	6580	48	480
○	10	G1E	Single SLG Lighting PG LS100 G3 FSK (Connected to Generator)	0.900	6580	48	480
○	13	G2	Single SLG Lighting PG LS100 G3 FSK	0.900	6580	48	624
○	6	G2E	Single SLG Lighting PG LS100 G3 FSK (Connected to Generator)	0.900	6580	48	288
□	1	SA	Single Xtra Light VNTM-20000L-40K-DIM-3M-N-XX-XX-HSS	0.900	14972	152	152
□	1	SB	Back-Back Xtra Light VNTM-20000L-40K-DIM-5M-N-XX-XX	0.900	25635	168.7	337.4
□	2	WA	Single Xtra Light VNTM-20000L-40K-DIM-3M-N-XX-XX-HSS	0.900	14972	152	304

Calculation Summary		Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Comercial Property Line		Illuminance	Fc		0.38	1.8	0.0	N.A.	N.A.
Drive Thru		Illuminance	Fc		5.42	6.8	3.6	1.51	1.89
Loading Dock		Illuminance	Fc		5.28	6.1	3.6	1.47	1.69
New Parking Garage		Illuminance	Fc		6.14	8.6	1.6	3.84	5.38
Parking and Drive Lanes		Illuminance	Fc		2.84	6.4	1.0	2.84	6.40
Parking Garage		Illuminance	Fc		5.13	7.7	1.3	3.95	5.92
Ramp Planar		Illuminance	Fc		5.09	8.2	2.6	1.96	3.15
Residential Property Line		Illuminance	Fc		0.22	0.4	0.0	N.A.	N.A.

GROUND FLOOR  
PHOTOMETRICS - NORMAL  
SCALE: 1"= 30'-0"

BUILD-TO-ZONE AREA = 3,000 SF (100%%%)  
INCLUDING PAVEMENT AREA ( 1,200 SF ) & PLANTING AREA ( 1,800 SF )



Luminaire Schedule				LLF	Luminaire Lumens	Luminaire Watts	Total Watts
Symbol	Qty	Label	Description				
○	10	G1	Single SLG Lighting PG LS100 G3 FSK	0.900	6580	48	480
○	10	G1E	Single SLG Lighting PG LS100 G3 FSK (Connected to Generator)	0.900	6580	48	480
○	13	G2	Single SLG Lighting PG LS100 G3 FSK	0.900	6580	48	624
○	7	G2E	Single SLG Lighting PG LS100 G3 FSK (Connected to Generator)	0.900	6580	48	336
□	1	SA	Single Xtra Light VNTM-20000L-40K-DIM-3M-N-XX-XX-HSS	0.900	14972	152	152
□	1	SB	Back-Back Xtra Light VNTM-20000L-40K-DIM-5M-N-XX-XX	0.900	25635	168.7	337.4
□	2	WA	Single Xtra Light VNTM-20000L-40K-DIM-3M-N-XX-XX-HSS	0.900	14972	152	304

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Drive Thru	Illuminance	Fc	1.74	4.9	0.2	8.70	24.50
Loading Dock	Illuminance	Fc	2.57	5.6	0.2	12.85	28.00
New Parking Garage	Illuminance	Fc	2.45	5.4	0.2	12.25	27.00
Parking Garage	Illuminance	Fc	2.57	5.3	0.2	12.85	26.50

GROUND FLOOR  
PHOTOMETRICS - EMERGENCY  
SCALE: 1"= 30'-0"