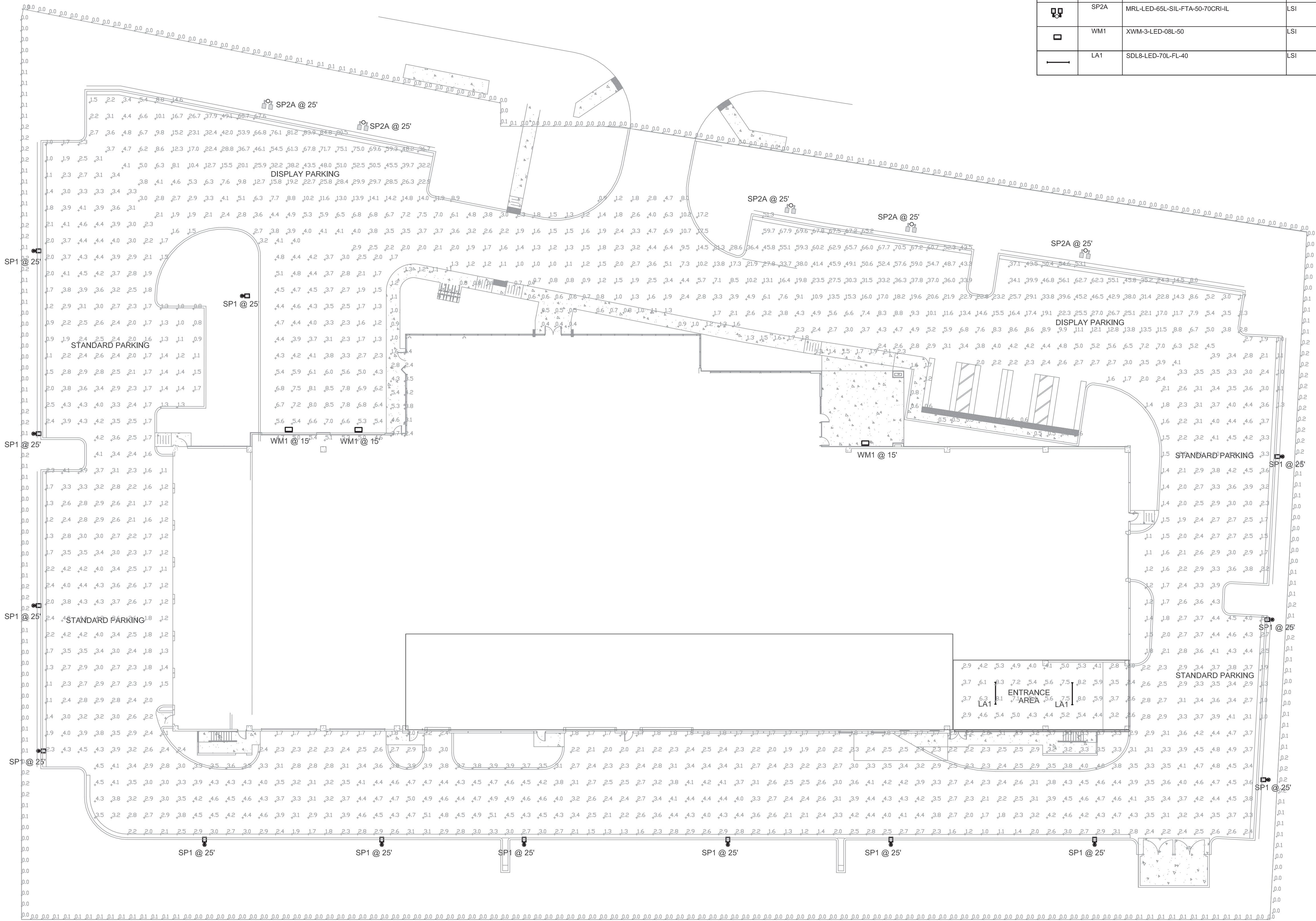


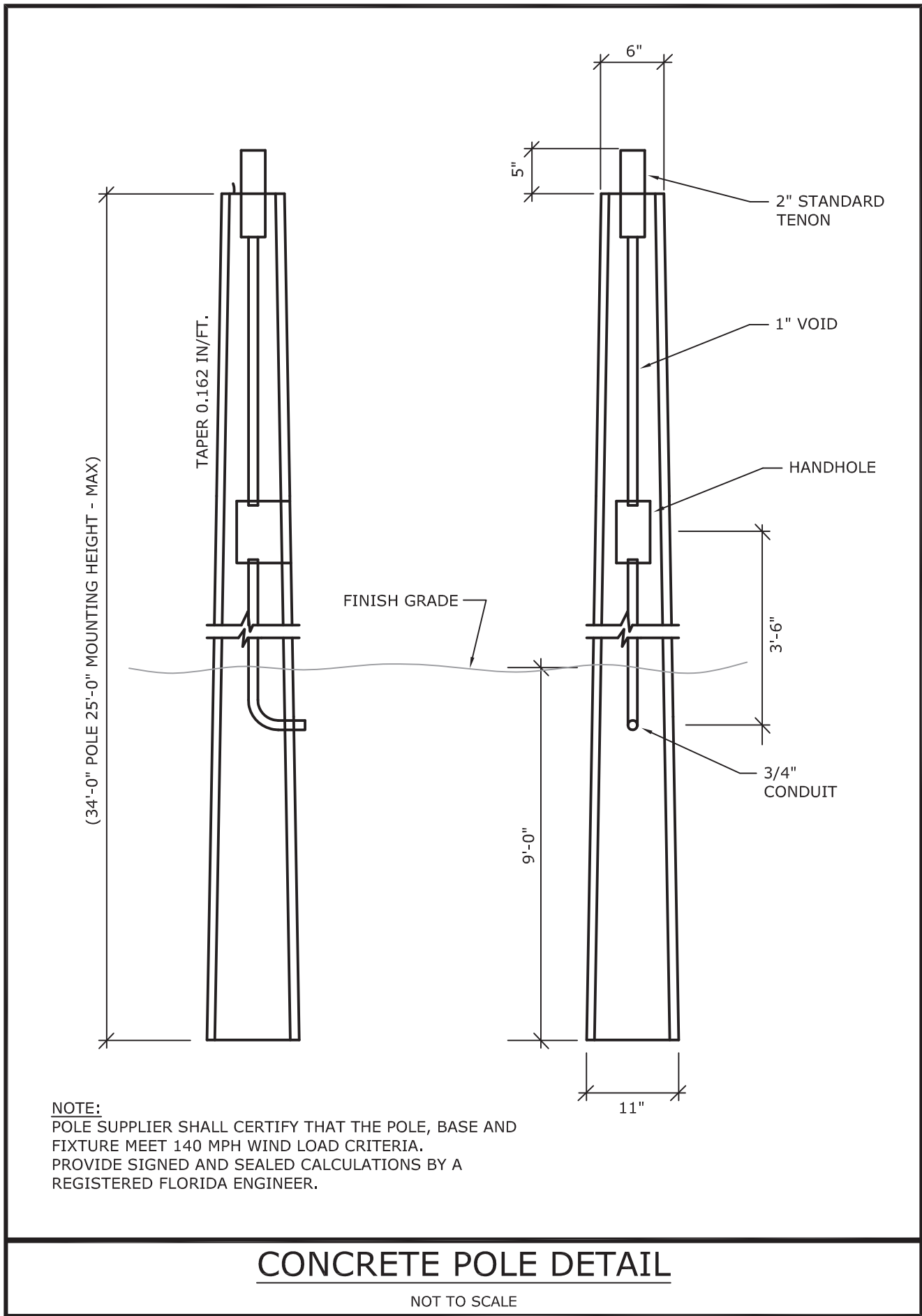


1 SITE PHOTOMETRIC PLAN - NIGHT
SCALE: 1" = 20'-0"

NOTE:
DISPLAY LIGHTING TO BE DIMMED TO A MAXIMUM
OF 50 f.c AFTER 11 PM.

SITE LIGHTING FIXTURE SCHEDULE							
SYMBOL	LABEL	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	SP1	MRM-LED-15L-SIL-3-50-70CRI-IL	LSI	LSI MRM, TYPE III MEDIUM W/ BACKLIGHT FULL CUTOFF	15000	0.9	120
	SP1A	MRM-LED-7L-SIL-3-50-70CRI-IL	LSI	LSI MRM, TYPE III MEDIUM W/ BACKLIGHT FULL CUTOFF	7000	0.9	75
	SP2	MRM-LED-15L-SIL-4-50-70CRI-IL	LSI	LSI MRM, TYPE IV W/ BACKLIGHT FULL CUTOFF	15000	0.9	120
	SP2A	MRL-LED-65L-SIL-FTA-50-70CRI-IL	LSI	LSI MRL, TYPE FTA W/ BACKLIGHT FULL CUTOFF	65000	0.9	948
	WM1	XWM-3-LED-08L-50	LSI	FULL CUTOFF WALL MOUNT EXTERIOR FIXTURE	8000	0.9	64
	LA1	SDL8-LED-70L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	7000	0.9	52

STATISTICS					
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN
DISPLAY PARKING	+	18.0 fc	84.8 fc	1.1 fc	N/A
STANDARD PARKING	+	3.1 fc	8.7 fc	1.0 fc	8.7:1
PROPERTY LINE	+	0.1 fc	0.2 fc	0.0 fc	N/A
SIDE WALK	+	1.8 fc	5.5 fc	0.5 fc	11.0:1
LANDSCAPE	+	1.1 fc	5.0 fc	0.0 fc	N/A
ENTRANCE AREA - NIGHT	+	5.0 fc	8.3 fc	2.0 fc	4.2:1



This document has been digitally signed and sealed by Brandon Sharp on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

BRANDON L. SHARP, P.E.
FLORIDA LICENSE #92533

4245 LAND ROAD
BALL GROUND, GA 30107

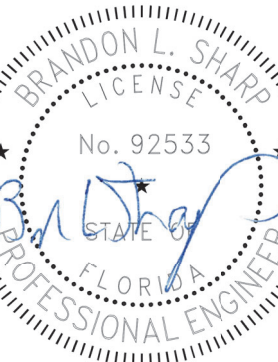
PROJECT MANAGER: BRANDON SHARP

KIA of DELRAY
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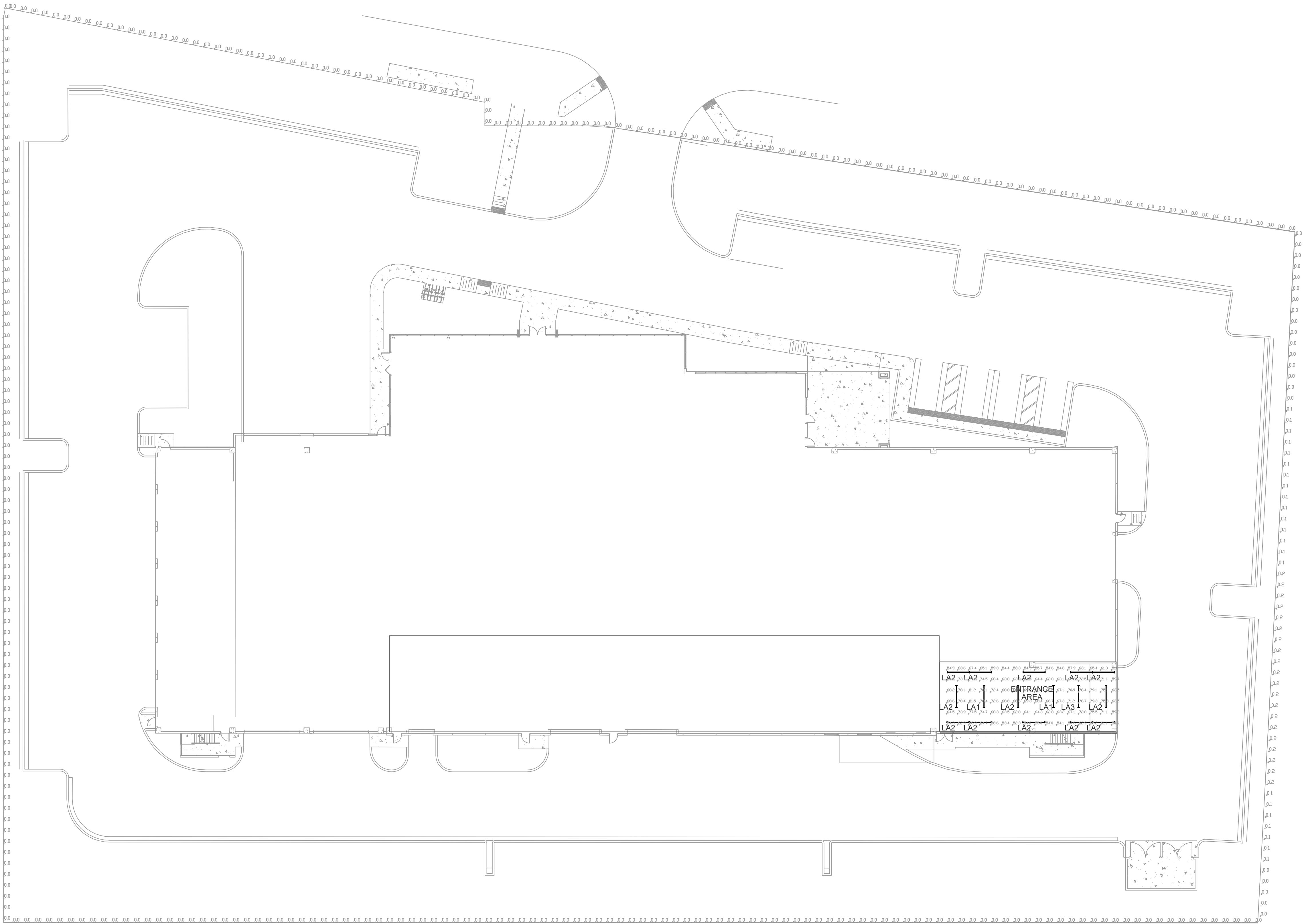
Sheet Number:

E102

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SITE LIGHTING FIXTURE SCHEDULE									
SYMBOL	LABEL	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE		
—	LA1	SDL8-LED-70L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	7000	0.9	52		
—	LA2	SDL8-LED-180L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	18000	0.9	142		
—	LA3	SDL8-LED-100L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	10000	0.9	73		

STATISTICS						
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
ENTRANCE AREA - DAY	+	66.0 fc	81.5 fc	50.6 fc	1.6:1	1.3:1
PROPERTY LINE	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A



1 SITE PHOTOMETRIC PLAN - DAY
SCALE: 1" = 20'-0"

BRANDON L. SHARP, P.E.
FLORIDA LICENSE #92533
4245 LAND ROAD
BALL GROUND, GA 30107
PROJECT MANAGER: BRANDON SHARP

SPARC+
ARCHITECTURE
STUDIOS

Client :
Group 1 Automotive
800 Gessner Rd #500
Houston, TX 77024
Project Information :
Project Number : -
Drawn By : ON
Checked By : GD
Approved By : OF

KIA of DELRAY
2255 S. FEDERAL HWY, DELRAY BEACH, FL

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FLORIDA
LICENSE
No. 92533
Professional Engineer

Signed & Sealed :
Sheet Title :
Site Photometric Plan - Day
Sheet Number :
E102A

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SPARC+
ARCHITECTURE
STUDIOS

Client :

Group 1 Automotive
800 Gessner Rd #500
Houston, TX 77024

Project Information :
Project Number : -
Drawn By : ON
Checked By : GD
Approved By : DF

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2255 S. FEDERAL HWY, DELRAY BEACH, FL

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FLORIDA
PROFESSIONAL ENGINEER
No. 92533

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Sheet Title :
Parking Garage
Photometric
Plan - 2nd Floor
Sheet Number :
E112

SITE LIGHTING FIXTURE SCHEDULE							
SYMBOL	LABEL	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	LA1	SDL8-LED-70L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	7000	0.9	52
	LA2	SDL4-LED-20L-FL-40	LSI	4' LINEAR LED STRIP FIXTURE	2000	0.9	18

STATISTICS						
AREA	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
PARKING AREA	+	4.5 fc	9.9 fc	1.8 fc	5.6:1	2.6:1
RAMP - NIGHT	+	4.4 fc	9.5 fc	1.8 fc	5.3:1	2.4:1
STAIRWAY 1	+	3.8 fc	3.9 fc	3.7 fc	1.1:1	1.0:1
STAIRWAY 2	+	3.9 fc	4.2 fc	3.6 fc	1.2:1	1.1:1
STAIRWAY 3	+	3.9 fc	4.1 fc	3.6 fc	1.1:1	1.1:1

1 2nd LEVEL PARKING GARAGE PHOTOMETRIC PLAN - NIGHT
SCALE: 1" = 20'-0"

SITE LIGHTING FIXTURE SCHEDULE							
SYMBOL	LABEL	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	LA1	SDL8-LED-70L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	7000	0.9	52
	LA2	SDL4-LED-20L-FL-40	LSI	4' LINEAR LED STRIP FIXTURE	3000	0.9	18

STATISTICS						
AREA	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
PARKING AREA	+	4.7 fc	10.0 fc	1.8 fc	4.7:1	2.6:1
RAMP - DAY	+	7.1 fc	11.7 fc	2.7 fc	4.3:1	2.6:1
STAIRWAY 1	+	3.8 fc	3.9 fc	3.7 fc	1.1:1	1.0:1
STAIRWAY 2	+	3.9 fc	4.2 fc	3.6 fc	1.2:1	1.1:1
STAIRWAY 3	+	3.9 fc	4.1 fc	3.6 fc	1.1:1	1.1:1

2 2nd LEVEL PARKING GARAGE PHOTOMETRIC PLAN - DAY
SCALE: 1" = 20'-0"

BRANDON L. SHARP, P.E.
FLORIDA LICENSE #92533
4245 LAND ROAD
BALL GROUND, GA 30107
PROJECT MANAGER: BRANDON SHARP

SPARC+ARCHITECTURESTUDIOS

Client :
Group 1 Automotive
800 Gessner Rd #500
Houston, TX 77024
Project Information :
Project Number : -
Drawn By : ON
Checked By : GD
Approved By : DF

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2255 S. FEDERAL HWY, DELRAY BEACH, FL

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FLORIDA
PROFESSIONAL ENGINEER
No. 92533

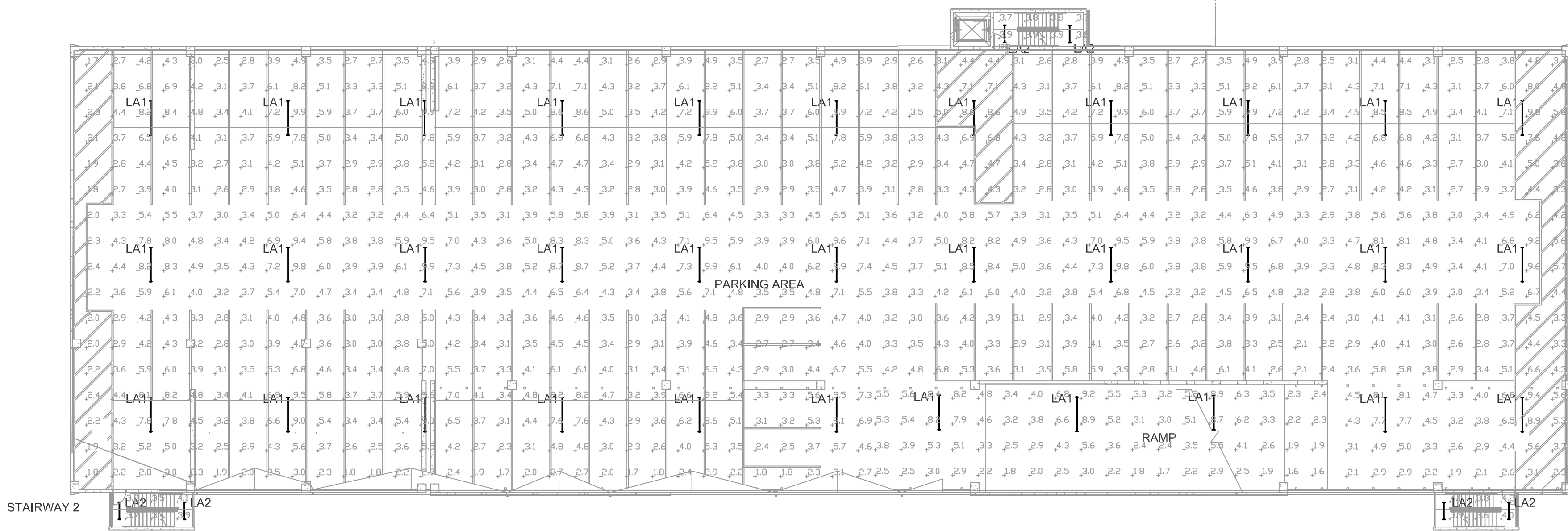
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Sheet Title :
Parking Garage
Photometric
Plan - 3rd Floor
Sheet Number :
E113

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PROJECT MANAGER: BRANDON SHARP

SITE LIGHTING FIXTURE SCHEDULE							
SYMBOL	LABEL	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	LA1	SDL8-LED-70L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	7000	0.9	52
	LA2	SDL4-LED-20L-FL-40	LSI	4' LINEAR LED STRIP FIXTURE	2000	0.9	18

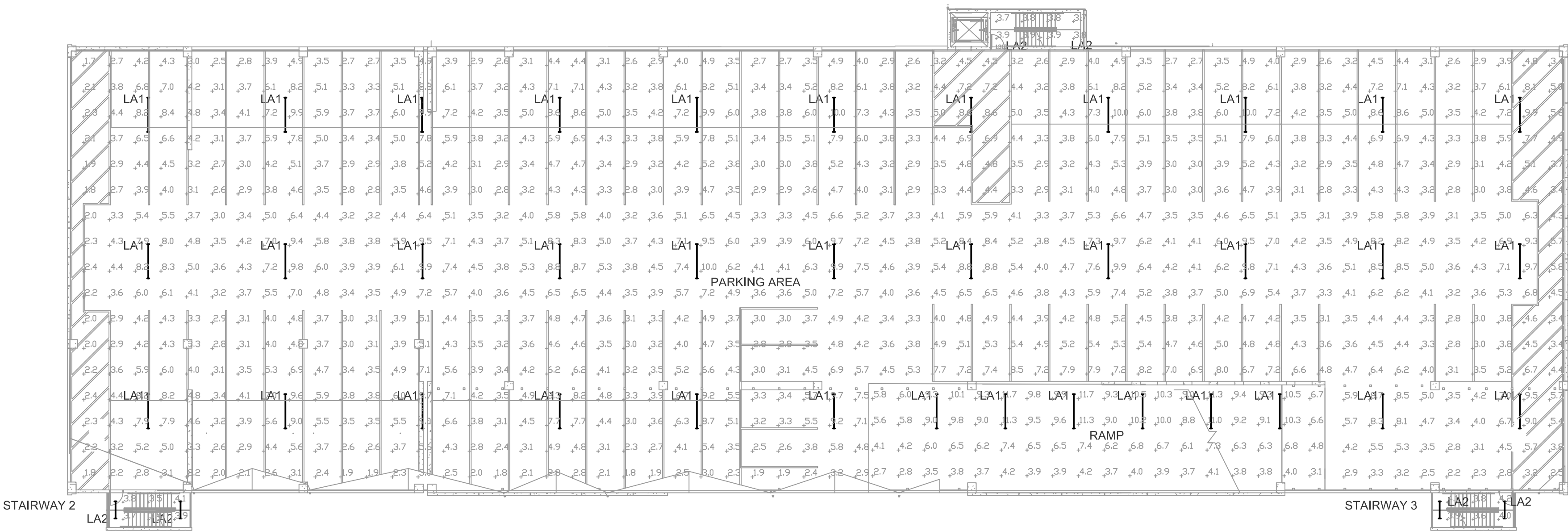
STATISTICS						
AREA	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
PARKING AREA	+	4.5 fc	9.9 fc	1.8 fc	5.6:1	2.6:1
RAMP - NIGHT	+	4.4 fc	9.5 fc	1.8 fc	5.3:1	2.4:1
STAIRWAY 1	+	3.8 fc	3.9 fc	3.7 fc	1.1:1	1.0:1
STAIRWAY 2	+	3.9 fc	4.2 fc	3.6 fc	1.2:1	1.1:1
STAIRWAY 3	+	3.9 fc	4.1 fc	3.6 fc	1.1:1	1.1:1



1 3rd LEVEL PARKING GARAGE PHOTOMETRIC PLAN - NIGHT
SCALE: 1" = 20'-0"

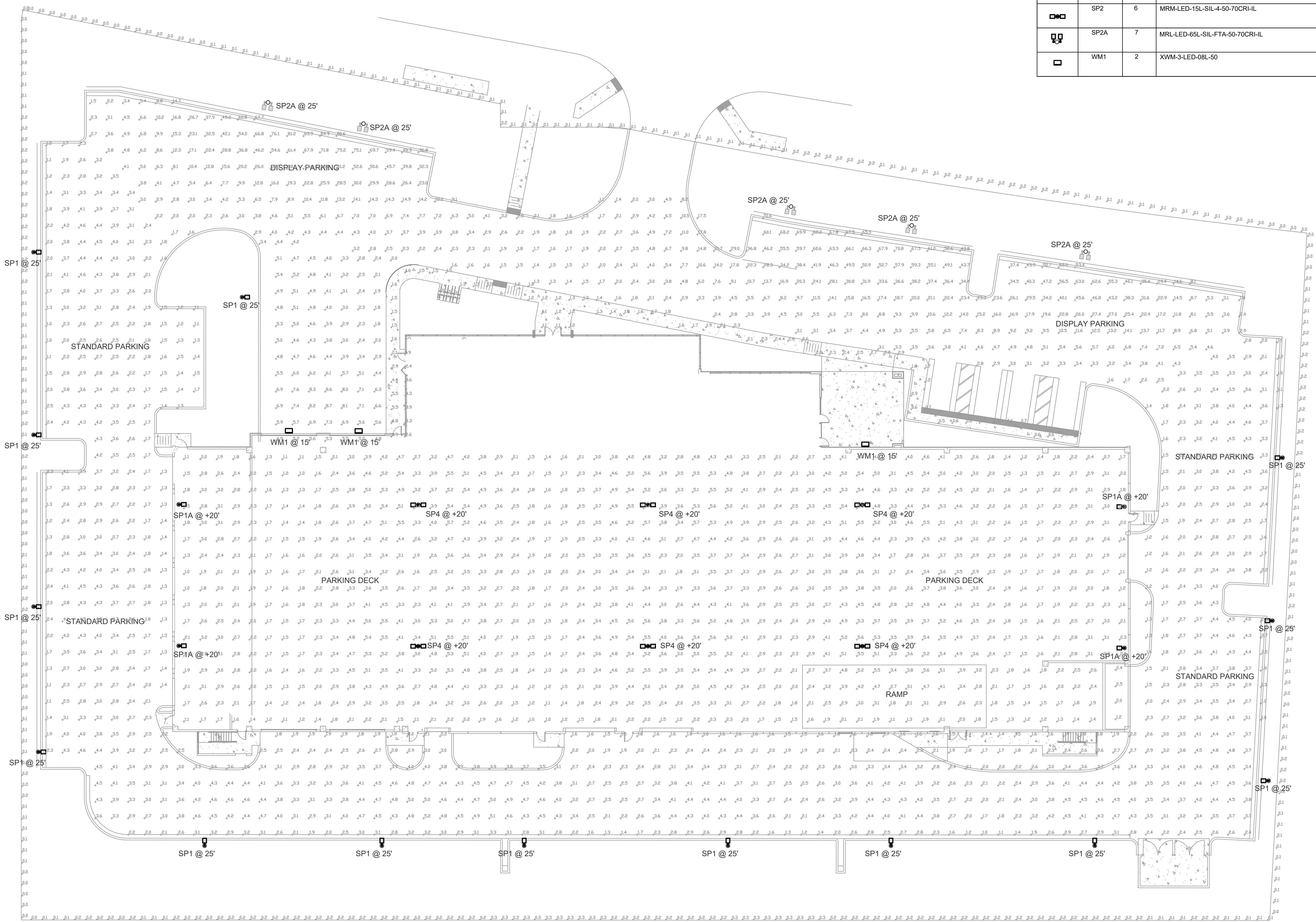
SITE LIGHTING FIXTURE SCHEDULE							
SYMBOL	LABEL	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	LA1	SDL8-LED-70L-FL-40	LSI	8' LINEAR LED STRIP FIXTURE	7000	0.9	52
	LA2	SDL4-LED-20L-FL-40	LSI	4' LINEAR LED STRIP FIXTURE	2000	0.9	18

STATISTICS						
AREA	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
PARKING AREA	+	4.7 fc	10.0 fc	1.8 fc	4.7:1	2.6:1
RAMP - DAY	+	7.1 fc	11.7 fc	2.7 fc	4.3:1	2.6:1
STAIRWAY 1	+	3.8 fc	3.9 fc	3.7 fc	1.1:1	1.0:1
STAIRWAY 2	+	3.9 fc	4.2 fc	3.6 fc	1.2:1	1.1:1
STAIRWAY 3	+	3.9 fc	4.1 fc	3.6 fc	1.1:1	1.1:1



2 3rd LEVEL PARKING GARAGE PHOTOMETRIC PLAN - DAY
SCALE: 1" = 20'-0"

BRANDON L. SHARP, P.E.
FLORIDA LICENSE #92533
4245 LAND ROAD
BALL GROUND, GA 30107
PROJECT MANAGER: BRANDON SHARP

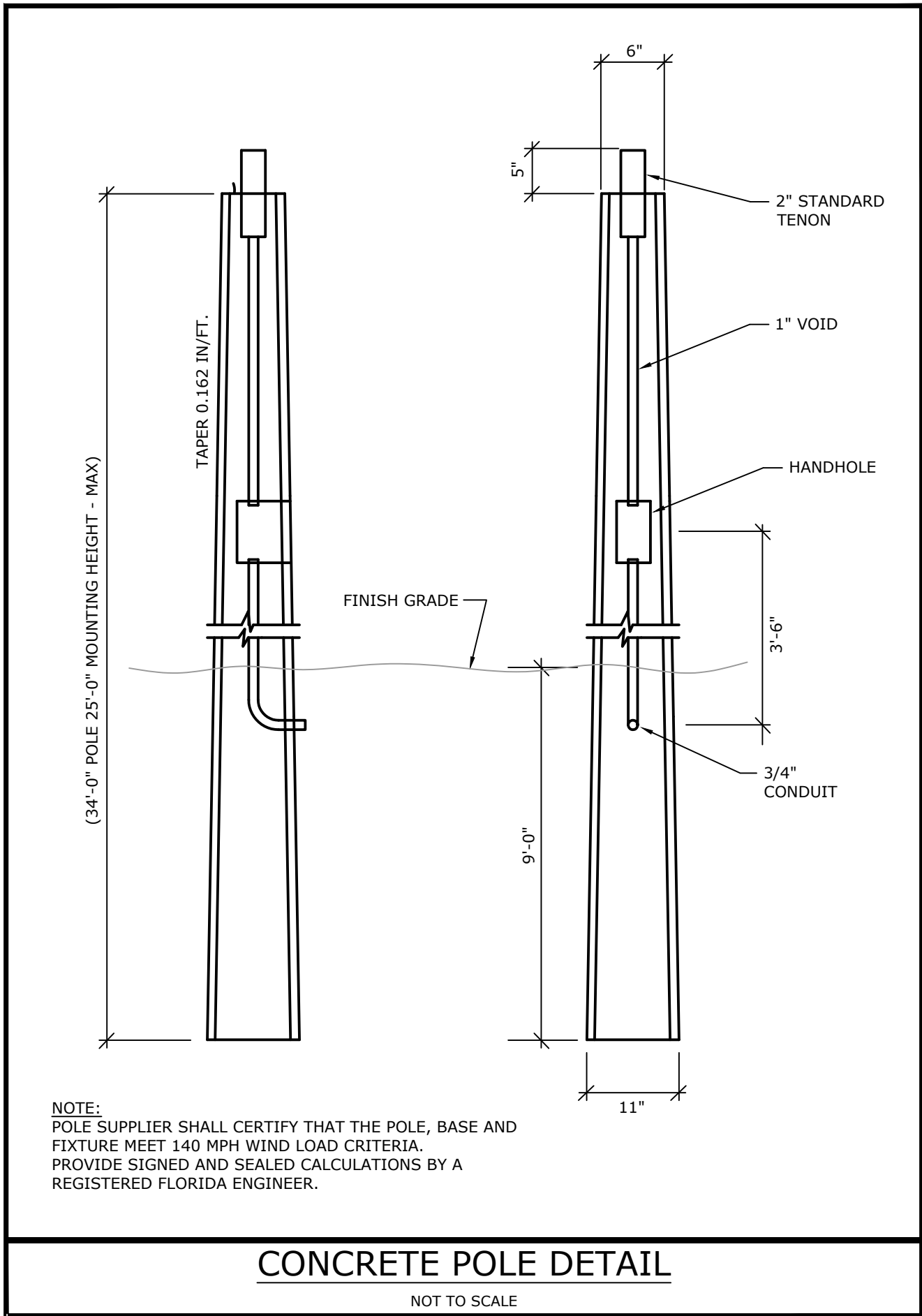


1 SITE PHOTOMETRIC PLAN - PARKING DECK - NIGHT
SCALE: 1" = 20'-0"

NOTE:
DISPLAY LIGHTING TO BE DIMMED TO A MAXIMUM
OF 50 f.c AFTER 11 PM.

SITE LIGHTING FIXTURE SCHEDULE								
SYMBOL	LABEL	QTY	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	SP1	4	MRM-LED-15L-SIL-3-50-70CRI-IL	LSI	LSI MRM, TYPE III MEDIUM W/ BACKLIGHT FULL CUTOFF	15000	0.9	120
	SP1A	14	MRM-LED-7L-SIL-3-50-70CRI-IL	LSI	LSI MRM, TYPE III MEDIUM W/ BACKLIGHT FULL CUTOFF	7000	0.9	75
	SP2	6	MRM-LED-15L-SIL-4-50-70CRI-IL	LSI	LSI MRM, TYPE IV W/ BACKLIGHT FULL CUTOFF	15000	0.9	120
	SP2A	7	MRL-LED-65L-SIL-FTA-50-70CRI-IL	LSI	LSI MRL, TYPE FTA W/ BACKLIGHT FULL CUTOFF	65000	0.9	948
	WM1	2	XWM-3-LED-08L-50	LSI	FULL CUTOFF WALL MOUNT EXTERIOR FIXTURE	8000	0.9	64

STATISTICS						
DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN
DISPLAY PARKING	+	18.0 fc	84.9 fc	1.1 fc	N/A	N/A
STANDARD PARKING	+	3.1 fc	8.7 fc	1.0 fc	8.7:1	3.1:1
PROPERTY LINE	+	0.1 fc	0.2 fc	0.0 fc	N/A	N/A
SIDE WALK	+	1.8 fc	5.5 fc	0.5 fc	11.0:1	3.6:1
LANDSCAPE	+	1.1 fc	5.0 fc	0.0 fc	N/A	N/A
PARKING DECK	+	3.0 fc	5.9 fc	1.0 fc	5.9:1	3.0:1
RAMP - NIGHT	+	2.0 fc	5.5 fc	1.6 fc	3.4:1	1.3:1



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Client :
Group 1 Automotive
800 Gessner Rd #500
Houston, TX 77024
Project Information :
Project Number : -
Drawn By : ON
Checked By : GD
Approved By : DF

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FLORIDA
LICENSE
No. 92533
PROFESSIONAL ENGINEER
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Sheet Title :
Site Photometric Plan
Sheet Number :
E122

Brandon L. Sharp, P.E.
Florida License #92533
4245 LAND ROAD
BALL GROUND, GA 30107
PROJECT MANAGER: BRANDON SHARP



Group 1 Automotive
800 Gessner Rd #500
Houston, TX 77024

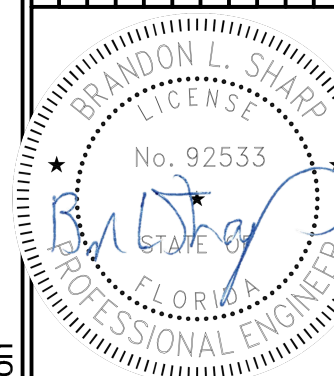
Project Number :	-
Drawn By :	ON
Checked By :	GD
Approved By :	DF

SITE LIGHTING FIXTURE SCHEDULE								
SYMBOL	LABEL	QTY	CATALOG NUMBER	MANUFACTURER	DESCRIPTION	LUMENS PER LAMP	LIGHT LOSS FACTOR	WATTAGE
	SP1	4	MRM-LED-15L-SIL-3-50-70CRI-IL	LSI	LSI MRM, TYPE III MEDIUM W/ BACKLIGHT FULL CUTOFF	15000	0.9	120
	SP1A	14	MRM-LED-7L-SIL-3-50-70CRI-IL	LSI	LSI MRM, TYPE III MEDIUM W/ BACKLIGHT FULL CUTOFF	7000	0.9	75
	SP2	6	MRM-LED-15L-SIL-4-50-70CRI-IL	LSI	LSI MRM, TYPE IV W/ BACKLIGHT FULL CUTOFF	15000	0.9	120
	SP2A	7	MRL-LED-65L-SIL-FTA-50-70CRI-HL	LSI	LSI MRL, TYPE FTA W/ BACKLIGHT FULL CUTOFF	65000	0.9	948
	WM1	2	XWM-3-LED-08L-60	LSI	FULL CUTOFF WALL MOUNT EXTERIOR FIXTURE	8000	0.9	64



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4245 LAND ROAD

4245 LAND ROAD
BALL GROUND, GA 30107

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