1
A10a

VIEW FROM JOHNNIE'S BROWN

Scale:

STATE OF FLORIDA
JOHN A. CUNNINGHAM
AR0013674
REGISTERED ARCHITECT

PIERRE DELRAY PHASE II - SPRAB SITE PLAN PACKAGE | PERSPECTIVE RENDERING | 11.03.2020

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A10a

ALUMINUM COMPOSITE PANEL

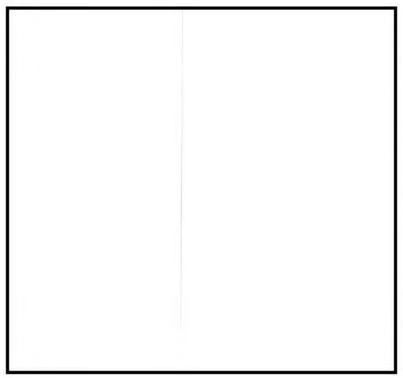
BASIS OF DESIGN: REYNOBOND - COLONIAL RED; FAUX-WOOD FINISH WITH GRAIN

MOUNT TO PANEL CHANNEL SUBFRAMING

STUCCO

3-PART CEMENTICOUS STUCCO; FINE SAND SMOOTH

PAINTED SHERWIN WHILLIAMS SW7005 PURE WHITE



PAINT

SW7005 PURE WHITE

R: 237 G: 236 B: 230

Hex Value: #edece6

LRV: 84

Light Reflective Value: 84 (High)

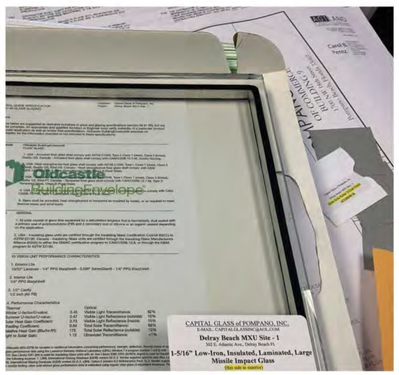
Color Collections: Acute Care Cool Foundations, ABC's and 123's, Inbe Tweens, Teen Space, Trendsetter, Dreamer, Timeless White, Pottery Barn - Fall/Winter 2019

ALUMINUM STOREFRONT MULLIONS

BASIS OF DESIGN: KAWNEER 451T, POWDER-COATED DOVE GRAY

PREFABRICATED ALUMINUM CANOPIES SHALL MATCH POWDER-COATED GRAY ALUMINUM STOREFRONT; COLOR T7-GY5 TK GREY 970-80)

MANUFACTURER TBD



GLASS

VIRACON

1" (25mm) Insulating VE24-85

PERFORMANCE DATA

Transmittance	
Visible Light:	80%
Solar Energy:	55%
UV:	<1%
Reflectance	
Visible Light-Exterior:	16%
Visible Light-Interior:	16%
Solar Energy:	30%
NFRC U-Value	
Winter:	0.46 Btu/(hr x sqft x °F)
Summer:	0.47 Btu/(hr x sqft x °F)
Shading Coefficient (SC):	0.67
Relative Heat Gain:	140 Btu/(hr x sqft)
Solar Heat Gain Coefficient (SHGC)	0.58
LSG:	1.38

TILE

MARKET COLLECTION- VIHARA

Vinyasa - Silk

1" x 1" Blue Tile

MARKET COLLECTION - VIHARA

Akasha - Silk

1" x 1" Gray Tile

LOCATION: GARAGE OPENING INFILLS

BASIS OF DESIGN; MCNICHOLS CO. AL/3003H14

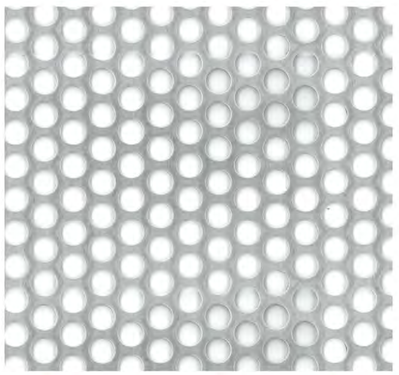
3/4" Ø ROUND PERFORATION @ 1" STAGGERED

PAINTED SHERWIN WILLIAMS 6920 CENTER STAGE (GREEN)

R: 178 G: 194 B: 22

Hex Value: #b2c216

LRV: 48



LOCATION: METAL SCREEN AT WEST ELEVATION

BASIS OF DESIGN; MCNICHOLS CO. AL/3003H14 0.062GA 3/8Ø ROUND

3/8"Ø ROUND PERFORATION @ 1/2" STAGGERD

PAINTED SHERWIN WILLIAMS 6920 CENTER STAGE (GREEN)

R: 178 G: 194 B: 22

Hex Value: #b2c216

LRV: 48

LOCATION: EAST, WEST, & SOUTH GARAGE ELEVATIONS

FAUX GREEN SCREEN: THE AGAVE STYLE IS A THICK, TROPICAL AND EXOTIC FOLIAGE.

SPECIFICATIONS

COLOR/FINISH: DARK & LIGHT GREEN

PLANT TYPE: AGAVE

FLOWER/PLANT MATERIAL: POLYETHYLENE

HEIGHT (INCHES): 1.5"

LENGTH (INCHES): 20"

WIDTH (INCHES): 20"

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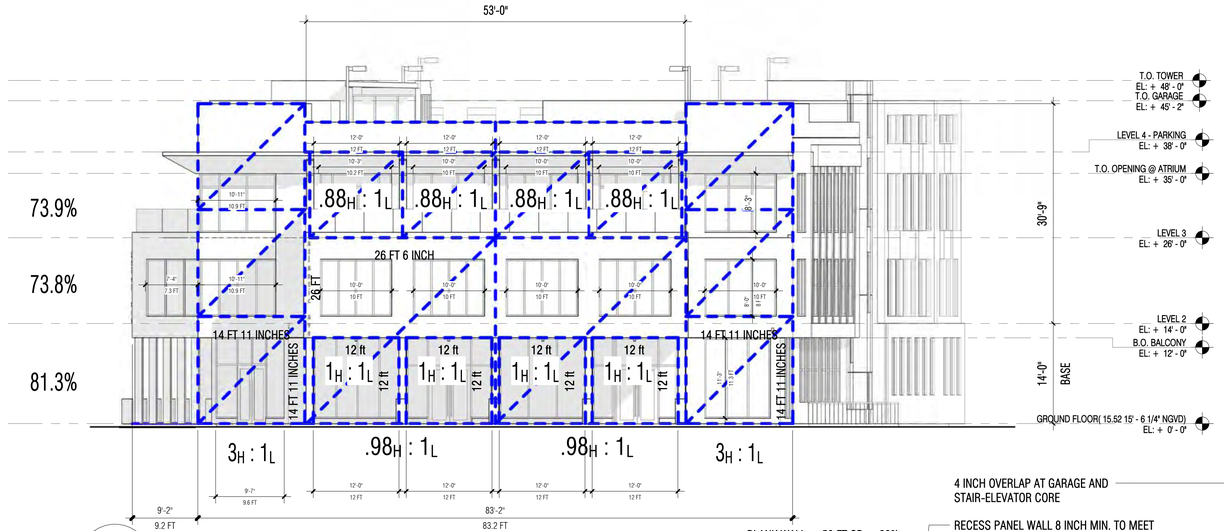
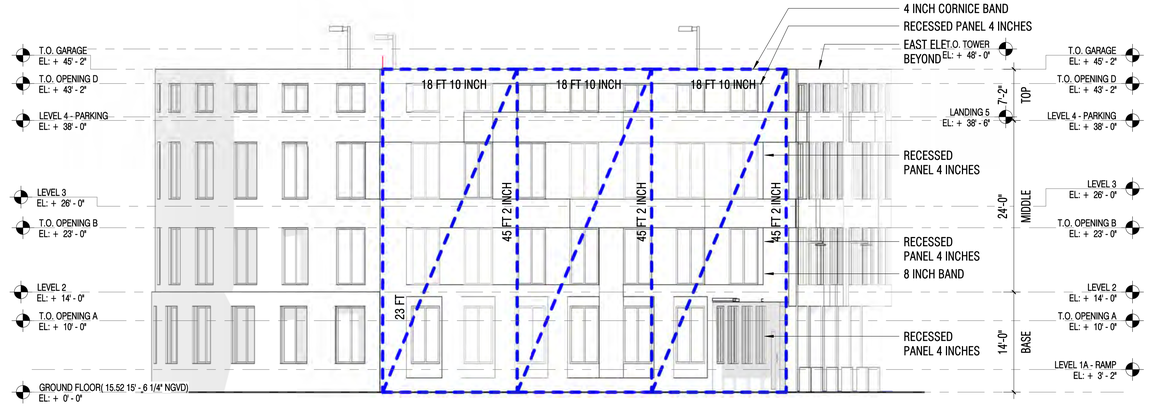


1 / A12 **North Elevation - Proportions**

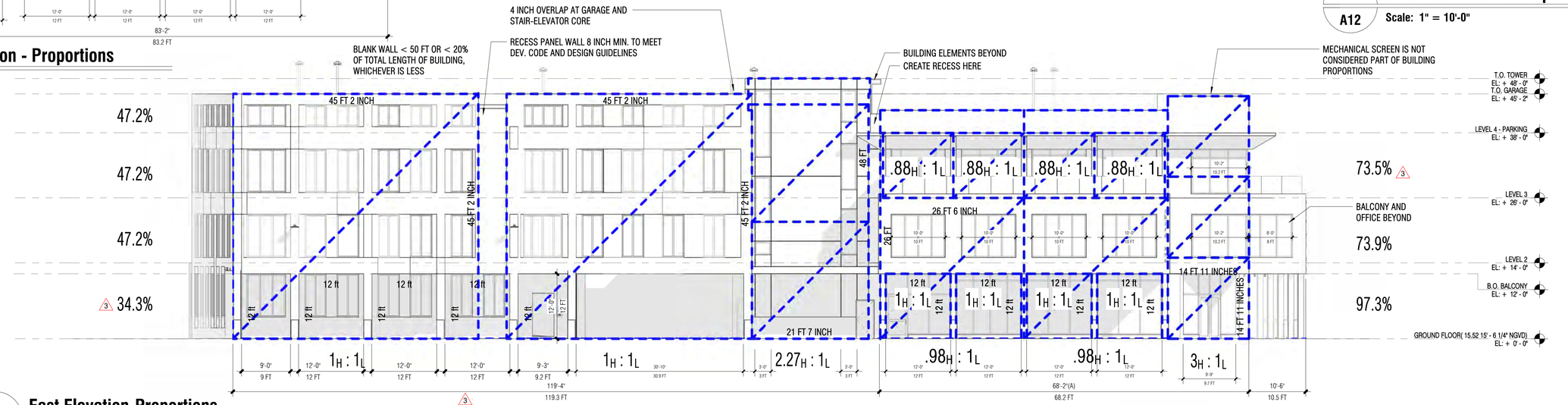
Scale: 1" = 10'-0"



3 : 1

2 / A12 **South Elevations - Proportions**

Scale: 1" = 10'-0"



3 / A12 **East Elevation-Proportions**

Scale: 1" = 10'-0"

NORTH ELEVATION

STOREFRONT LENGTH :	83.2 FT
OPENING LENGTH :	67.6 FT
PERCENTAGE :	81.3 %
BUILDING LENGTH (2ND FLR) :	92.4 FT
OPENING LENGTH :	68.9 FT
PERCENTAGE :	73.8 %
BUILDING LENGTH (3RD FLR) :	83.2 FT
3 OPENING LENGTH :	60.9 FT
PERCENTAGE :	73.9 % 4

SOUTH ELEVATION

GARAGE AREA:	3,901.0 SF
METAL SCREEN AREA:	1,179.1 %
PERCENTAGE :	30.2 %

EAST ELEVATION

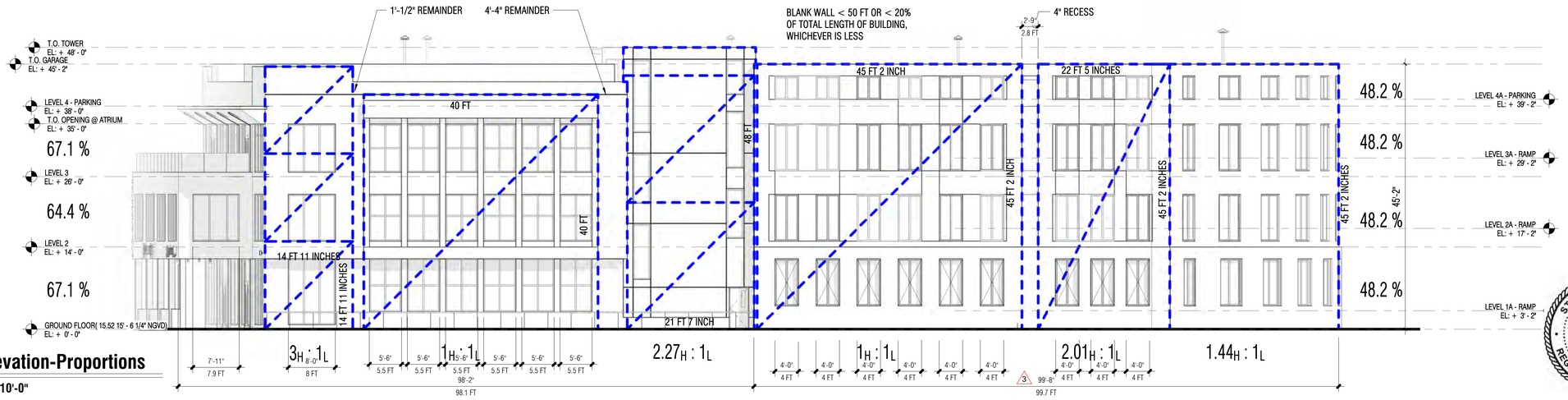
BUILDING LENGTH (A) :	68.2 FT
OPENING LENGTH :	67.8 FT
PERCENTAGE :	97.4 %
BUILDING LENGTH (B) :	26.2 FT
OPENING LENGTH :	5.9 FT
PERCENTAGE :	22.5 %
BUILDING LENGTH (2ND FLR) :	78.7 FT
OPENING LENGTH :	58.2 FT
PERCENTAGE :	74.0 %
GARAGE AREA :	4,199.9 SF
METAL SCREEN AREA :	1,649.8 SF
PERCENTAGE :	39.25 %

WEST ELEVATION

BUILDING LENGTH (A) :	61.1 FT
OPENING LENGTH :	41.0 FT
PERCENTAGE :	67.1 %
BUILDING LENGTH (B) :	22.8 FT
OPENING LENGTH :	5.4 FT
PERCENTAGE :	23.8 %
BUILDING LENGTH (2ND FLR) :	75.9 FT
OPENING LENGTH :	48.9 FT
PERCENTAGE :	64.4 %
GARAGE AREA :	4,476.4 SF
METAL SCREEN AREA :	1,371.6 SF
2 PERCENTAGE :	30.64%

RATIO : X_H : X_L

1 H = HEIGHT
L = LENGTH



4 / A12 **West Elevation-Proportions**

Scale: 1" = 10'-0"

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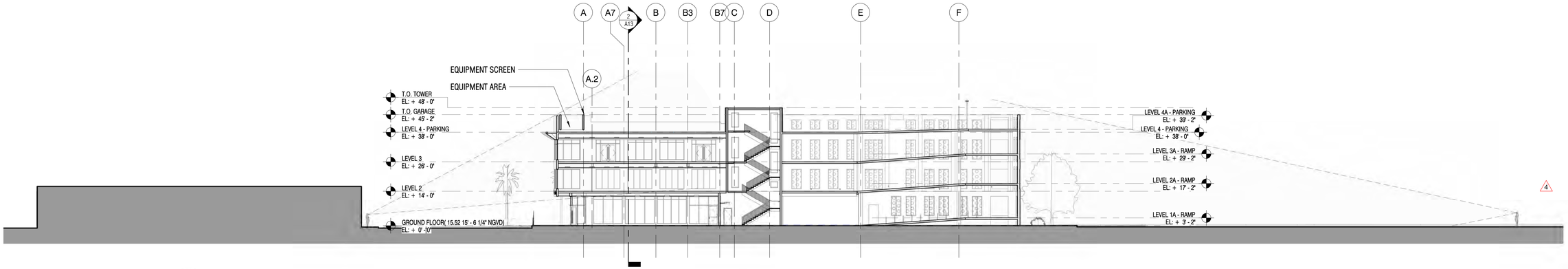
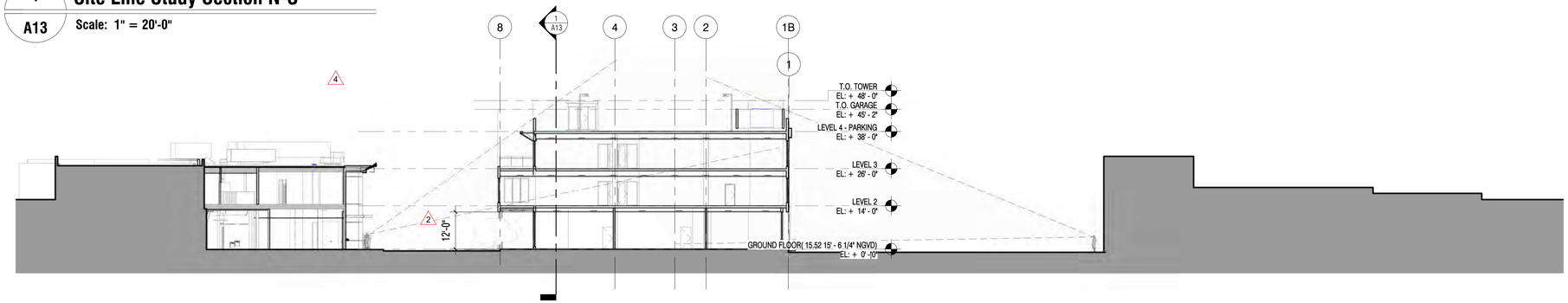
A12



1 A13 Site Line Study Section N-S

Scale: 1" = 20'-0"



2 A13 Site Line Study E-W

Scale: 1" = 20'-0"

3 A13 VIEW KEY PLAN

Scale: 1" = 100'-0"

4 A13 VIEW FROM BRU'S ROOM SPORTS GRILL

Scale:

5 A13 VIEW FROM LOVE SHACK

Scale:

6 A13 VIEW FROM SE 3RD AVE

Scale:

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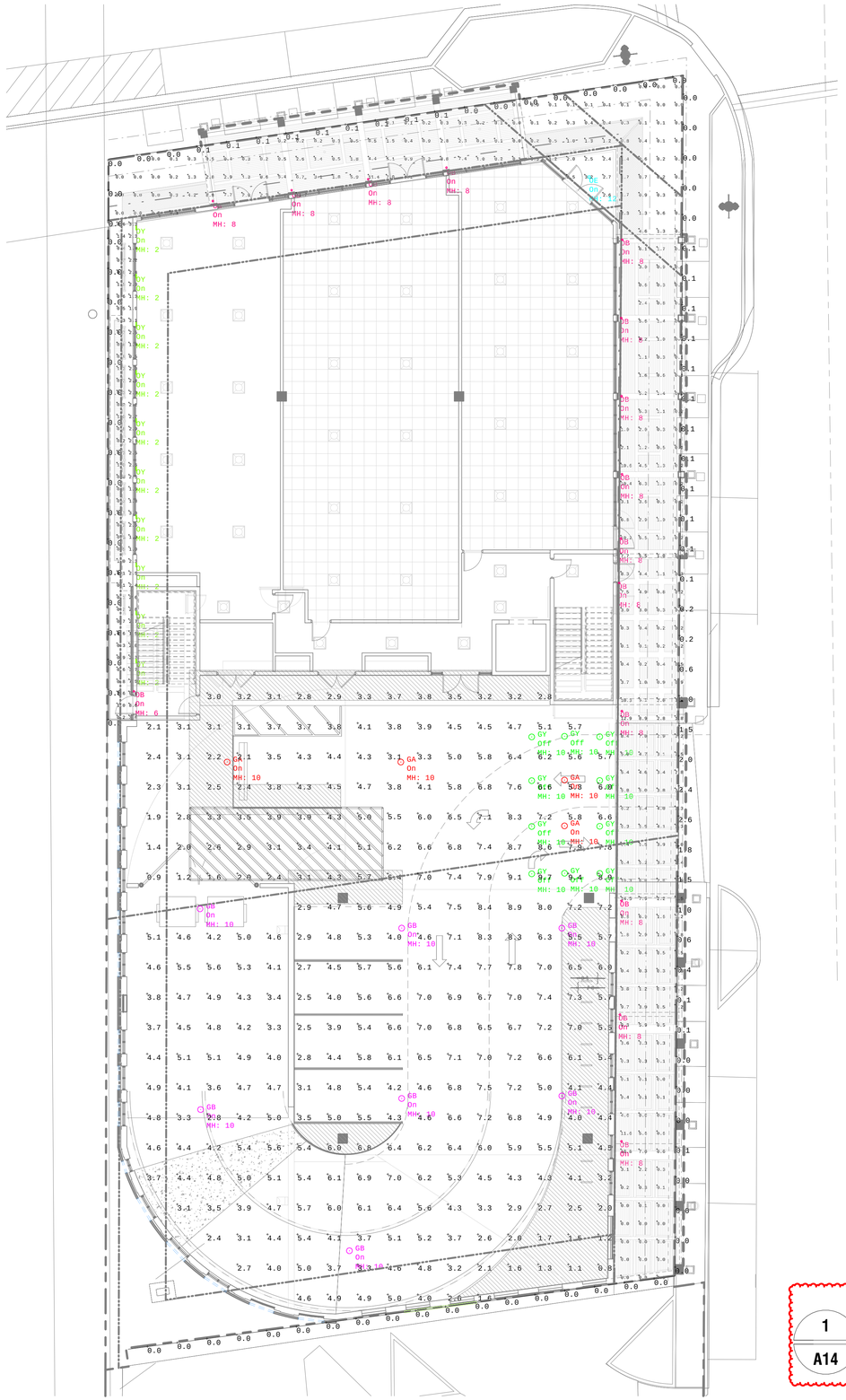
A13



Luminaire Schedule							
Symbol	**Qty**	**Label**	**Tag**	**Description**	**LLF**	**Lum. Watts**	**Lum. Lumens**
→	15	OB	We-ef	620-6314	0.900	8.5	557
↑	7	GB	Gardco	SVPG-140L-1200-NW-G2-5-UNV	0.900	53.9	5994
↑	4	GA	Gardco	SVPG-140L-800-NW-G2-5-UNV	0.900	36.8	4153
↑	1	OE	Lightolier	C6RN+C6L5827MZ10U+C6RDLCL (500 Lumens)	0.450	9	995
▯	10	OY	We-ef	615-7321	0.900	8	166
·	10	GY	Gardco	SVPG-140L-2100-WW-G2-CD-UNV	0.900	94.8	9819

Calculation Summary							
Label	**CalcType**	**Units**	**Avg**	**Max**	**Min**	**Avg/Min**	**Max/Min**
Emergency Egress Pro	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
Emergency Egress_Pla	Illuminance	Fc	1.71	9.6	0.1	17.10	96.00
GARAGE FLOOR_Planar	Illuminance	Fc	4.83	9.7	0.8	6.04	12.13
PROPERTY LINE	Illuminance	Fc	0.23	2.6	0.0	N.A.	N.A.
SIDEWALK_Planar_1	Illuminance	Fc	2.15	14.5	0.0	N.A.	N.A.
Entrance	Illuminance	Fc	6.95	9.7	5.1	1.36	1.90
Level 1 Ramp	Illuminance	Fc	4.48	6.1	2.4	1.87	2.54

1 **A14**

PHOTOMETRIC PLAN GROUND FLOOR - NIGHT

5

Scale: 3/32" = 1'-0"

PART II
PARKING LOTS AND TOP (OPEN) PARKING DECKS OF GARAGES

7.0 ILLUMINANCE RECOMMENDATIONS FOR PARKING LOTS

Illuminance recommendations for active parking facilities open to customers, employees, or the general public are given in Part II and Part III of this practice. The illuminance shall be measured and calculated in accordance with *IESNA LM-64-01 Guide for the Photometric Measurement of Parking Areas*, for vehicle-free pavement.

*For additional information regarding pavement surfaces, refer to **Annex C**.

7.1 Horizontal Illuminance

When designing parking lot lighting (or the top deck of a garage), excluding lobbies and stairwells, using computer software, the illuminance calculations shall include the entire parking pavement area. Light trespass calculations should also include the area outside the parking area to the property line, and beyond if required by local ordinance. The designer shall lay out a grid of points on the pavement at a maximum spacing of 1/3 the light fixture mounting height commencing within one-half the grid spacing from the perimeter boundary. Horizontal illuminance is then calculated at each grid point to determine the maximum and minimum illuminance. Those values shall comply with **Table 2**.

Table 2: Recommended Maintained Illuminance Values for Parking Lots (basic requirements, not for security lighting.)

Applications and Tasks*	Recommended Maintained Illuminance Targets (lux)[1,2,3] Horizontal (E_h) Targets Min	Vertical (E_v) Targets Min	Maximum Avg : Min	Max : Min
PARKING LOTS - All Ages	Open parking facilities, for all activity levels. Use motion sensing to control post curfew. For top of parking garage (open level), treat as parking lot.			
R4 (Asphalt) surfaces ^	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	5*	2.5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
R1 (Concrete) surfaces ^	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	10*	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
Transaction Areas (Pedestrian & Vehicle) - R4 and R1	Lighting should address an area extending 3 meters (10 feet) beyond the transaction area in all directions or to curb, property line, or structure whichever's less. E_h Upgrade E_v at 1.5 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
General Area - R4 and R1				
L24, L23, L22 and L21	10	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
L20				
Transaction Machines - R4 and R1	E_v over entire front faces of pay machines. Coordinate with any machine display lighting requirements.			
L24, L23, L22 and L21		30	4:1	
Pre-curfew		15	4:1	
Post-curfew		0		
L20				

Note: For all areas, AFF indicates Above Finished Floor; AFG indicates Above Finished Grade

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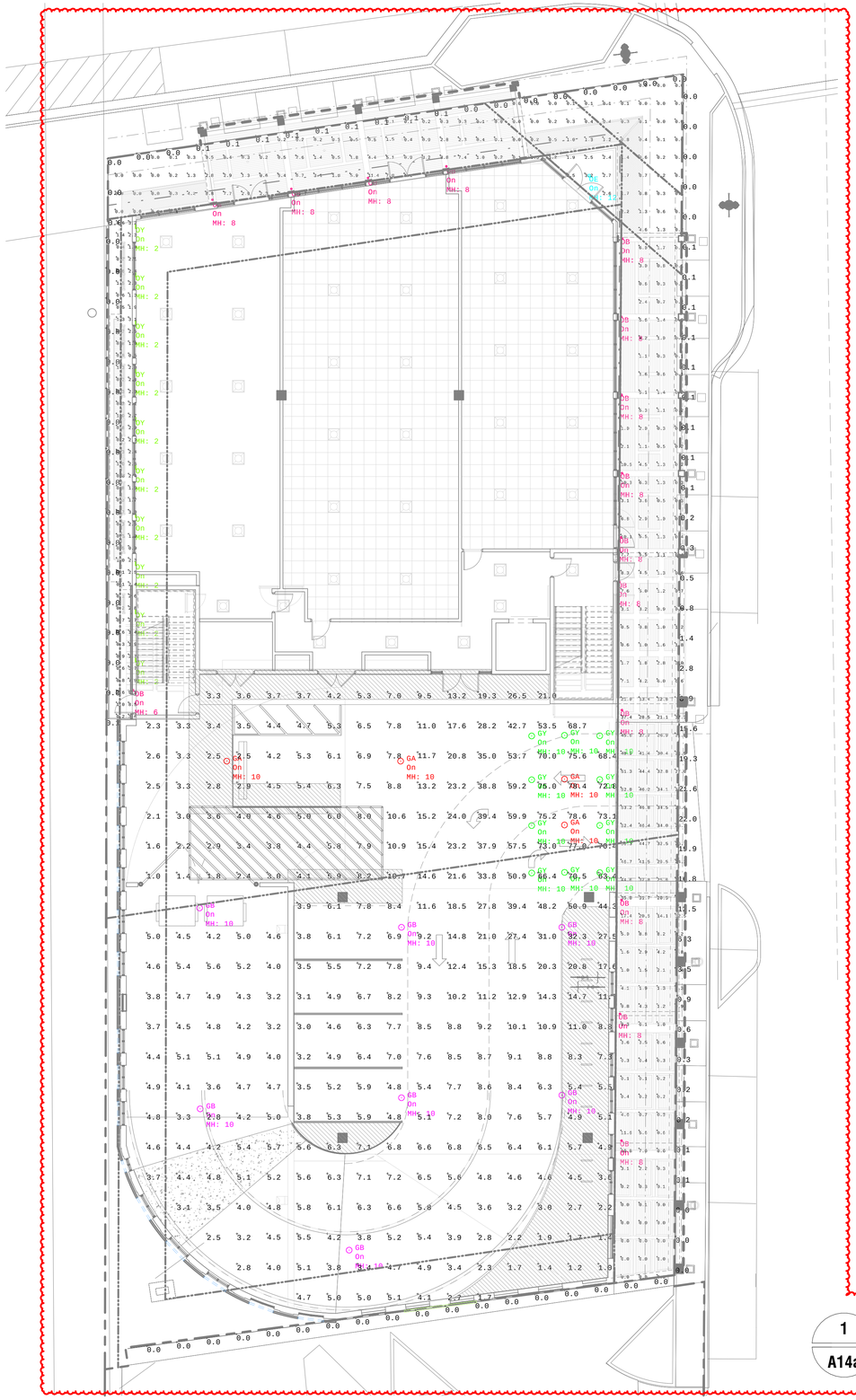

Luminaire Schedule							
Symbol	**Qty**	**Label**	**Tag**	**Description**	**LLF**	**Lum. Watts**	**Lum. Lumens**
→	15	OB	We-ef	620-6314	0.900	8.5	557
▽	7	GB	Gardco	SVPG-140L-1200-NW-G2-5-UNV	0.900	53.9	5994
▽	4	GA	Gardco	SVPG-140L-800-NW-G2-5-UNV	0.900	36.8	4153
▽	1	OE	Lightolier	C6RN+C6L5827MZ10U+C6RDLCL (500 Lumens)	0.450	9	995
▯	10	OY	We-ef	615-7321	0.900	8	166
▽	10	GY	Gardco	SVPG-140L-2100-WW-G2-CD-UNV	0.900	94.8	9819

Calculation Summary							
Label	**CalcType**	**Units**	**Avg**	**Max**	**Min**	**Avg/Min**	**Max/Min**
Emergency Egress Pro	Illuminance	Fc	0.01	0.1	0.0	N.A.	N.A.
Emergency Egress_Pla	Illuminance	Fc	1.70	9.5	0.1	17.00	95.00
GARAGE FLOOR_Planar	Illuminance	Fc	12.36	78.6	1.0	12.36	78.60
PROPERTY LINE	Illuminance	Fc	1.96	22.0	0.0	N.A.	N.A.
SIDEWALK_Planar_1	Illuminance	Fc	6.56	53.2	0.0	N.A.	N.A.
Entrance	Illuminance	Fc	71.18	78.6	53.5	1.33	1.47
Level 1 Ramp	Illuminance	Fc	4.50	6.3	2.5	1.80	2.52

PART II
PARKING LOTS AND TOP (OPEN) PARKING DECKS OF GARAGES

7.0 ILLUMINANCE RECOMMENDATIONS FOR PARKING LOTS

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Table 2: Recommended Maintained Illuminance Values for Parking Lots (basic requirements, not for security lighting.)

Applications and Tasks[a]	Recommended Maintained Illuminance Targets (lux)[b,c,d] Horizontal (E_h) Targets Min	Vertical (E_v) Targets Min	Maximum Avg : Min	Max : Min
PARKING LOTS - All Ages -	Open parking facilities, for all activity levels. Use motion sensing to control post curfew. For top of parking garage (open level), treat as parking lot.			
R4 (Asphalt) surfaces [e]	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h (upgrade) E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	5*	2.5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
R3 (Concrete) surfaces [e]	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h (upgrade) E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	10*	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
Transaction Areas (Pedestrian & Vehicle) - R4 and R1	Lighting should address an area extending 3 meters (10 feet) beyond the transaction area to all directions or to curb, property line, or structure whichever's less. E_h (upgrade) E_v at 1.5 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
General Area - R4 and R1				
L24, L23, L22 and L21	10	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
L20				
Transaction Machines - R4 and R1	E_v over entire front faces of pay machines. Coordinate with any machine display lighting requirements.			
L24, L23, L22 and L21		30	4:1	
Pre-curfew		15	4:1	
Post-curfew		0		
L20				

Note: For all areas, AFF indicates Above Finished Floor; AFG indicates Above Finished Grade

5

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A14a

PHOTOMETRIC PLAN GROUND FLOOR - DAY

Scale: 3/32" = 1'-0"

5

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AR0013674
REGISTERED ARCHITECT

PIERRE DELRAY PHASE II - SPRAB SITE PLAN PACKAGE

PHOTOMETRIC PLANS GROUND FLOOR DAY | 3/32" = 1'-0" | 11.03.2020

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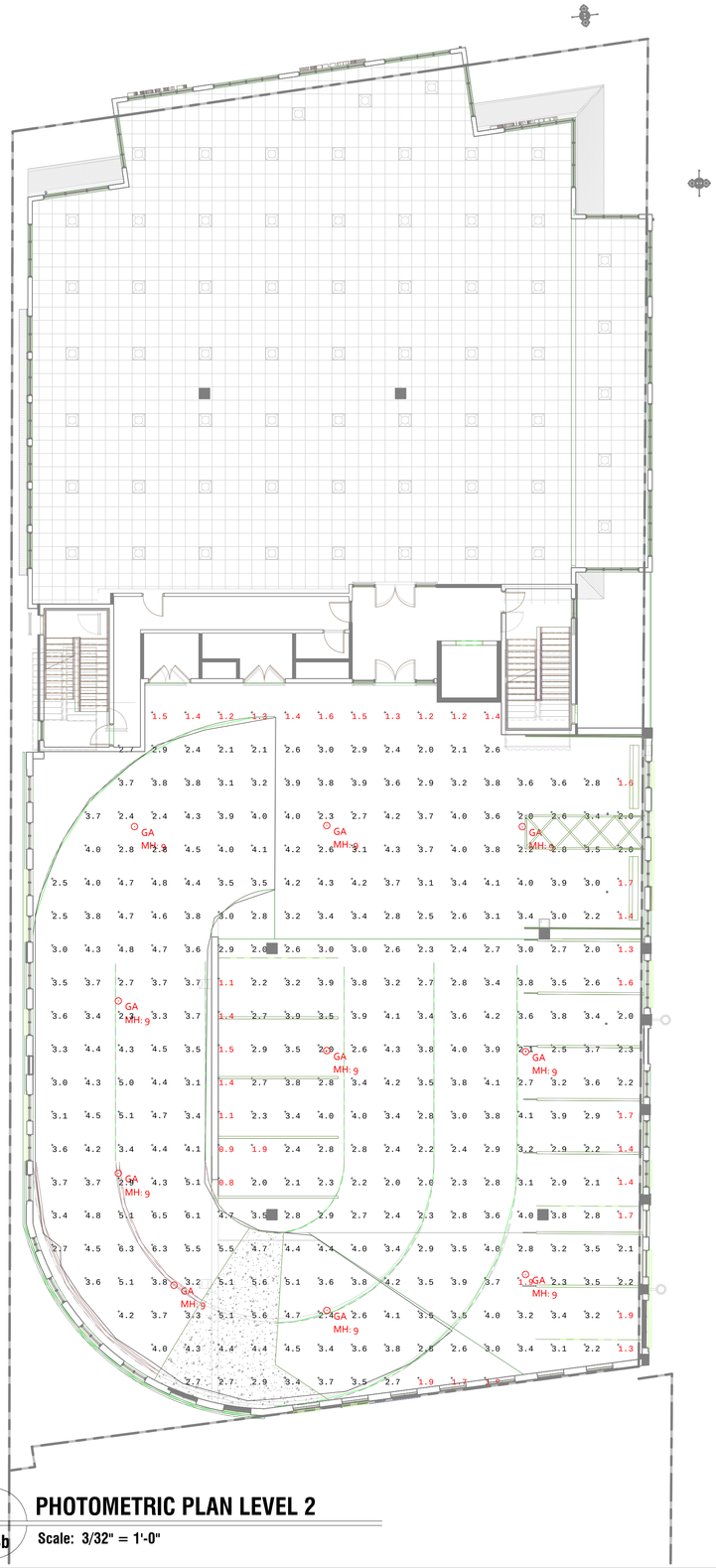

Luminaire Schedule							
Symbol	Qty	Label	Tag	Description	LLF	Lum. Watts	Lum. Lumens
·	10	GA	Gardco	SVPG-140L-800-NW-G2-5-UNV	0.900	36.8	4153

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Level 2 Parking_Plan	Illuminance	Fc	3.24	6.5	0.8	4.05	8.13
Ramp	Illuminance	Fc	3.93	6.5	2.1	1.87	3.10

1 A14b

PHOTOMETRIC PLAN LEVEL 2

Scale: 3/32" = 1'-0"

PART II
PARKING LOTS AND TOP (OPEN) PARKING DECKS OF GARAGES

7.0 ILLUMINANCE RECOMMENDATIONS FOR PARKING LOTS

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7.1 Horizontal Illuminance

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R4 (Asphalt) surfaces *	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h (grade), E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	5*	2.5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
R1 (Concrete) surfaces *	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h (grade), E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	10*	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
Transaction Areas (Pedestrian & Vehicle) - R4 and R1	Lighting should address an area extending 3 meters (10 feet) beyond the transaction area in all directions or to curb, property line, or structure whichever's less. E_h (grade), E_v at 1.5 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
General Area - R4 and R1				
L24, L23, L22 and L21	10	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
L20				
Transaction Machines - R4 and R1	E_v over entire front faces of pay machines. Coordinate with any machine display lighting requirements.			
L24, L23, L22 and L21		30	4:1	
Pre-curfew		15	4:1	
Post-curfew		0		
L20				

Note: For all areas, AFF indicates Above Finished Floor; AFG indicates Above Finished Grade

4

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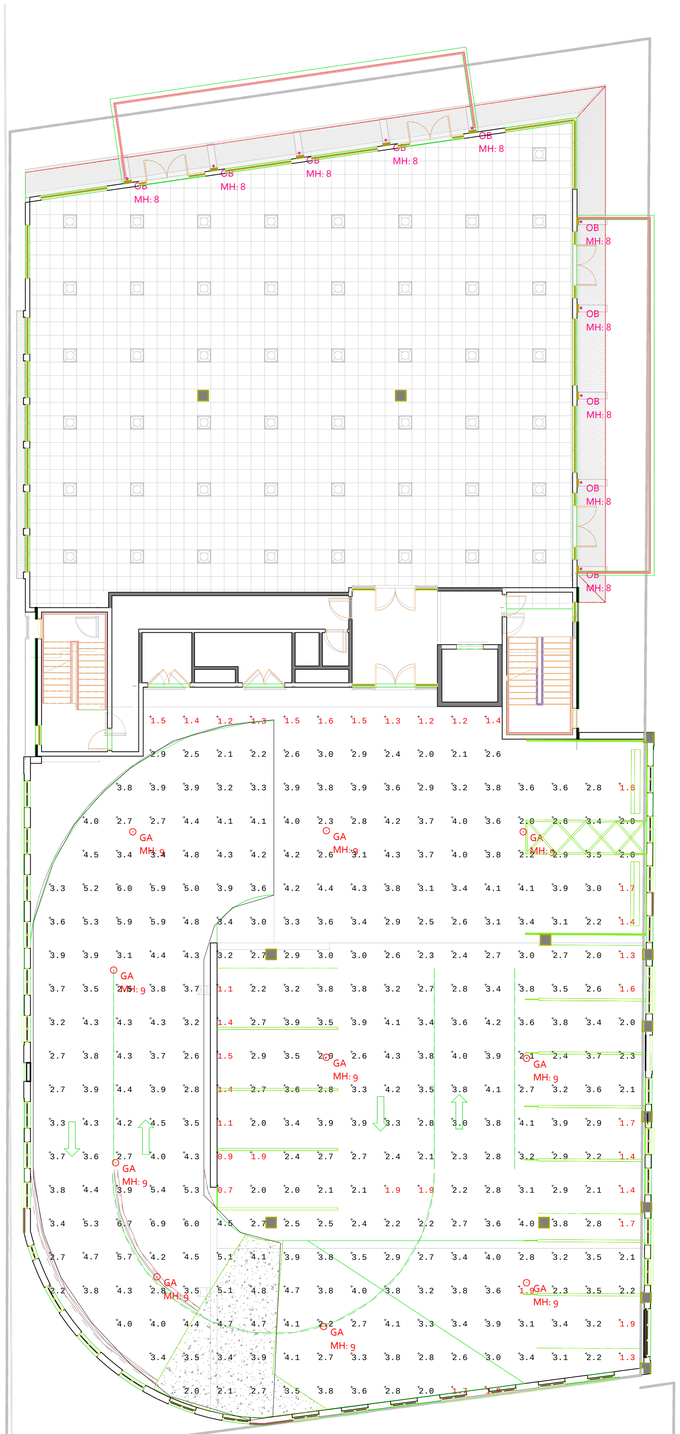

1 **PHOTOMETRIC PLAN LEVEL 3 & 4 ROOF PARKING**

A14c Scale: 3/32" = 1'-0"

PART II
PARKING LOTS AND TOP (OPEN) PARKING DECKS OF GARAGES

7.0 ILLUMINANCE RECOMMENDATIONS FOR PARKING LOTS

Illuminance recommendations for active parking facilities open to customers, employees, or the general public are given in Part II and Part III of this practice. The illuminance shall be measured and calculated in accordance with *IESNA LM-64-01 Guide for the Photometric Measurement of Parking Areas*, for vehicle-free pavement.

*For additional information regarding pavement surfaces, refer to **Annex C**.

7.1 Horizontal Illuminance

When designing parking lot lighting (or the top deck of a garage), excluding lobbies and stairwells, using computer software, the illuminance calculations shall include the entire parking pavement area. Light trespass calculations should also include the area outside the parking area to the property line, and beyond if required by local ordinance. The designer shall lay out a grid of points on the pavement at a maximum spacing of 1/3 the light fixture mounting height commencing within one-half the grid spacing from the perimeter boundary. Horizontal illuminance is then calculated at each grid point to determine the maximum and minimum illuminance. Those values shall comply with **Table 2**.

Table 2: Recommended Maintained Illuminance Values for Parking Lots (basic requirements, not for security lighting.)

Applications and Tasks*	Recommended Maintained Illuminance Targets (lux)[1,2,3,4] Horizontal (E_h) Targets Min	Vertical (E_v) Targets Min	Maximum Avg : Min	Maximum Max : Min
PARKING LOTS - All Ages	Open parking facilities, for all activity levels. Use motion sensing to control post curfew. For top of parking garage (open level), treat as parking lot.			
R4 (Asphalt) surfaces *	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade, E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	5*	2.5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
R1 (Concrete) surfaces *	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade, E_v at 1.4 meters (5 feet) AFG in at least the two primary directions of travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21	10*	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
Transaction Areas (Pedestrian & Vehicle) - R4 and R1	Lighting should address an area extending 3 meters (10 feet) beyond the transaction area in all directions or to curb, property line, or structure whichever is less. E_h Upgrade, E_v at 1.5 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
General Area - R4 and R1				
L24, L23, L22 and L21	10	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
L20				
Transaction Machines - R4 and R1	E_v over entire front faces of pay machines. Coordinate with any machine display lighting requirements.			
L24, L23, L22 and L21		30	4:1	
Pre-curfew		15	4:1	
Post-curfew		0		
L20				

Note: For all areas, AFF indicates Above Finished Floor; AFG indicates Above Finished Grade

4

Luminaire Schedule							
Symbol	**Qty**	**Label**	**Tag**	**Description**	**LLF**	**Lum. Watts**	**Lum. Lumens**
	10	GA	Gardco	SVPG-140L-800-NW-G2-5-UNV	0.900	36.8	4153
	10	OB	We-ef	620-6314	0.900	8.5	557

Calculation Summary							
Label	**CalcType**	**Units**	**Avg**	**Max**	**Min**	**Avg/Min**	**Max/Min**
Level 2 Parking_Plan	Illuminance	Fc	3.23	6.9	0.7	4.61	9.86
Ramp	Illuminance	Fc	4.01	6.9	2.0	2.01	3.45

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Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	Tag	Lum. Watts	Lum. Lumens	LLF
	3	SLA	SINGLE	ECF-S-32L-700-NW-G2-3	Gardco	71	7791	0.900
	5	SLA1	SINGLE	ECF-S-32L-530-NW-G2-3-HIS	GARDCO	55.7	5349	0.900

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE	Illuminance	Fc	0.02	0.1	0.0	N.A.	N.A.
Roof Parking_Planar	Illuminance	Fc	2.52	6.0	0.5	5.04	12.00
Ramp	Illuminance	Fc	3.86	6.0	2.5	1.54	2.40

PART II
PARKING LOTS AND TOP (OPEN) PARKING DECKS OF GARAGES

7.0 ILLUMINANCE RECOMMENDATIONS FOR PARKING LOTS

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*For additional information regarding pavement surfaces, refer to **Annex C**.

7.1 Horizontal Illuminance

When designing parking lot lighting (or the top deck of a garage), excluding lobbies and stairwells, using computer software, the illuminance calculations shall include the entire parking pavement area. Light trespass calculations should also include the area outside the parking area to the property line, and beyond if required by local ordinance. The designer shall lay out a grid of points on the pavement at a maximum spacing of 1/3 the light fixture mounting height commencing within one-half the grid spacing from the perimeter boundary. Horizontal illuminance is then calculated at each grid point to determine the maximum and minimum illuminance. Those values shall comply with **Table 2**.

Table 2: Recommended Maintained Illuminance Values for Parking Lots (basic requirements, not for security lighting.)

Applications and Tasks[a]	Recommended Maintained Illuminance Targets (lux)[b,c,d] Horizontal (E_h) Targets Min	Vertical (E_v) Targets Min	Maximum Avg : Min	Max : Min
PARKING LOTS - All Ages	Open parking facilities, for all activity levels. Use motion sensing to control post curfew. For top of parking garage (open level), treat as parking lot.			
R4 (Asphalt) surfaces [e]	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21 Pre-curfew	5*	2.5	4:1	15:1
Post-curfew	2	1	4:1	15:1
❋ L20	0	0		
R1 (Concrete) surfaces [e]	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C1.			
❋ L24, L23, L22 and L21 Pre-curfew	10*	5	4:1	15:1
Post-curfew	2	1	4:1	15:1
❋ L20	0	0		
Transaction Areas (Pedestrian & Vehicle) - R4 and R1	Lighting should address an area extending 3 meters (10 feet) beyond the transaction area to all directions or to curb, property line, or structure whichever is less. E_h Upgrade E_v at 1.5 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
General Area - R4 and R1				
L24, L23, L22 and L21 Pre-curfew	10	5	4:1	15:1
Post-curfew	2	1	4:1	15:1
L20	0	0		
Transaction Machines - R4 and R1	E_v over entire front faces of pay machines. Coordinate with any machine display lighting requirements.			
L24, L23, L22 and L21 Pre-curfew		30	4:1	
Post-curfew		15	4:1	
L20		0		
	Note: For all areas, AFF indicates Above Finished Floor; AFG indicates Above Finished Grade			

4

1
A14d

PHOTOMETRIC PLAN LEVEL 3 & 4 ROOF PARKING

Scale: 3/32" = 1'-0"

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A14d

PART II
PARKING LOTS AND TOP (OPEN) PARKING DECKS OF GARAGES

7.0 ILLUMINANCE RECOMMENDATIONS FOR PARKING LOTS

Illuminance recommendations for active parking facilities open to customers, employees, or the general public are given in Part II and Part III of this practice. The illuminance shall be measured and calculated in accordance with *IESNA LM-64-01 Guide for the Photometric Measurement of Parking Areas*, for vehicle-free pavement.

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7.1 Horizontal Illuminance

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Table 2: Recommended Maintained Illuminance Values for Parking Lots (basic requirements, not for security lighting.)

Applications and Tasks[a]	Recommended Maintained Illuminance Targets (lux)[1,2,3,4] Horizontal (E_h) Targets Min	Vertical (E_v) Targets Min	Maximum Avg : Min	Maximum Max : Min
PARKING LOTS - All Ages	Open parking facilities, for all activity levels. Use motion sensing to control post curfew. For top of parking garage (open level), treat as parking lot.			
R4 (Asphalt) surfaces *	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade E_v at 1.2 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C3.			
❋ L24, L23, L22 and L21	5*	2.5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
R1 (Concrete) surfaces *	Lighting should address drive aisles and adjacent parking with mixed pedestrian and vehicular activity. E_h Upgrade E_v at 1.4 meters (5 feet) AFG in at least the two primary directions of travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
Drive Aisles/Parking Areas - all activity levels	*See Annex C - Section 3.0 and Figure C3.			
❋ L24, L23, L22 and L21	10*	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
❋ L20				
Transaction Areas (Pedestrian & Vehicle) - R4 and R1	Lighting should address an area extending 3 meters (10 feet) beyond the transaction area in all directions or to curb, property line, or structure whichever's less. E_h Upgrade E_v at 1.5 meters (5 feet) AFG in at least the two primary directions of vehicular travel. The vertical calculation is to account for the visibility of the pedestrian face, and is defined by an imaginary vertical plane oriented perpendicular to the primary direction of vehicular travel. Illuminances on each side of the plane are assessed separately.			
General Area - R4 and R1				
L24, L23, L22 and L21	10	5	4:1	15:1
Pre-curfew	2	1	4:1	15:1
Post-curfew	0	0		
L20				
Transaction Machines - R4 and R1	E_v over entire front faces of pay machines. Coordinate with any machine display lighting requirements.			
L24, L23, L22 and L21		30	4:1	
Pre-curfew		15	4:1	
Post-curfew		0		
L20				

Note: For all areas, AFF indicates Above Finished Floor; AFG indicates Above Finished Grade

4

Luminaire Schedule

Symbol	Qty	Label	Tag	Description	LLF	Lum. Watts	Lum. Lumens
	2	GD	Gardco	SVPG-140L-1200-NW-G2-CD-UNV	0.900	53.9	6313
	26	OB	We-ef	E20-E314	0.900	8.5	557
	2	OE	Lightolier	C6RRN+C6L5827MZ10U+C6RDLCL (500 Lumens)	0.450	9	995
	2	OF	Gardco	ECF-S-32L-530-NW-G2-3	0.900	54	6041
	3	SC1	Existing	(2)WSH-HP100-I82-PS11 MH: 21'	0.500	100	7487
	1	SCLED	Spring City	(2)DLR-LE040_EVX_X2-40-CR4-GR18-HS MH:	0.720	40	3228

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Delray 2 - 3rd Ave_T	Illuminance	Fc	1.1	2.0	0.4	2.8	5.0
Property Line	Illuminance	Fc	0.9	2.9	0.0	N.A.	N.A.
Side Walk_Planar	Illuminance	Fc	1.9	48.7	0.0	N.A.	N.A.

1
A14e

PHOTOMETRIC PLAN GROUND FLOOR

Scale: 1/16" = 1'-0"

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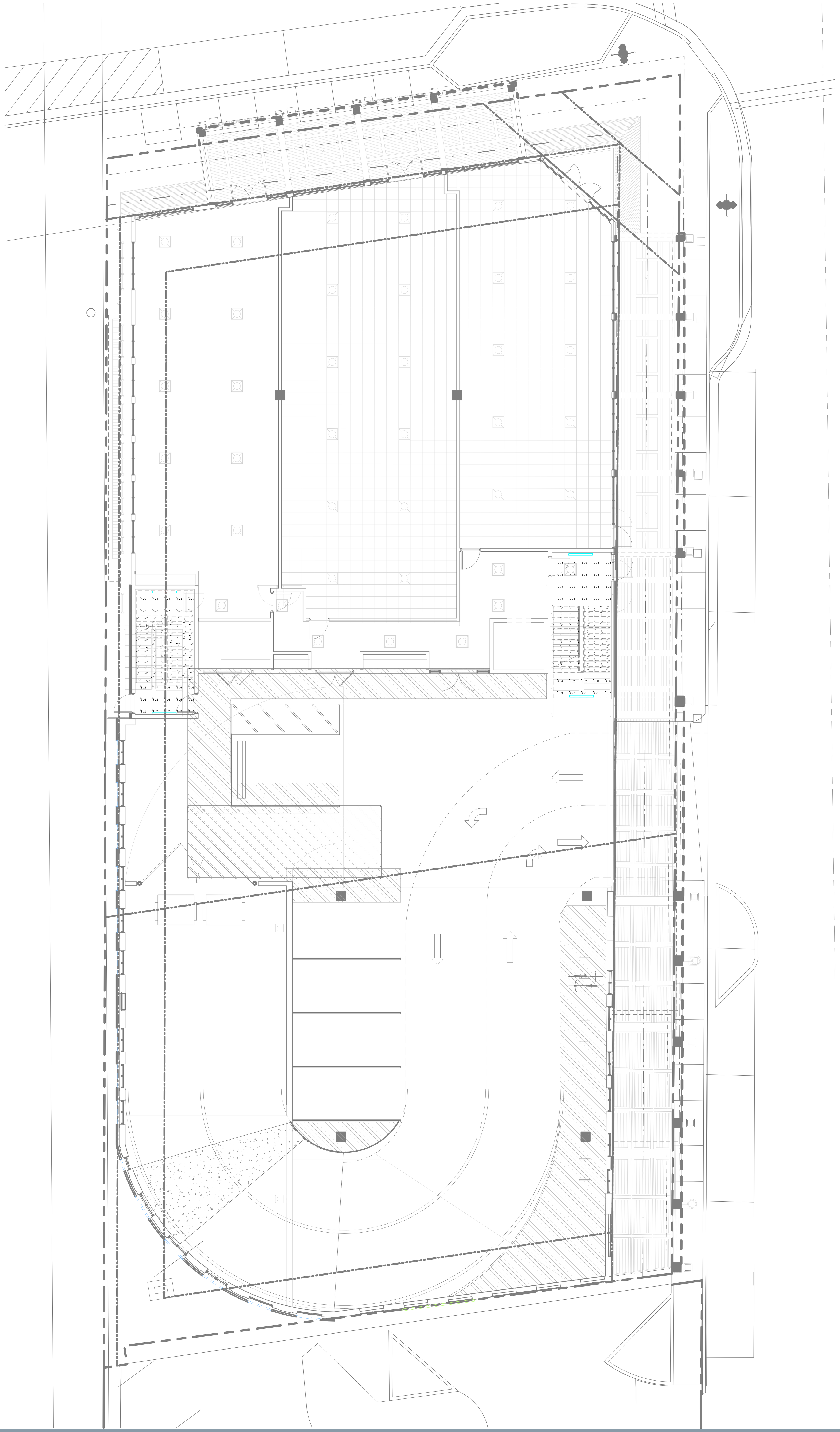
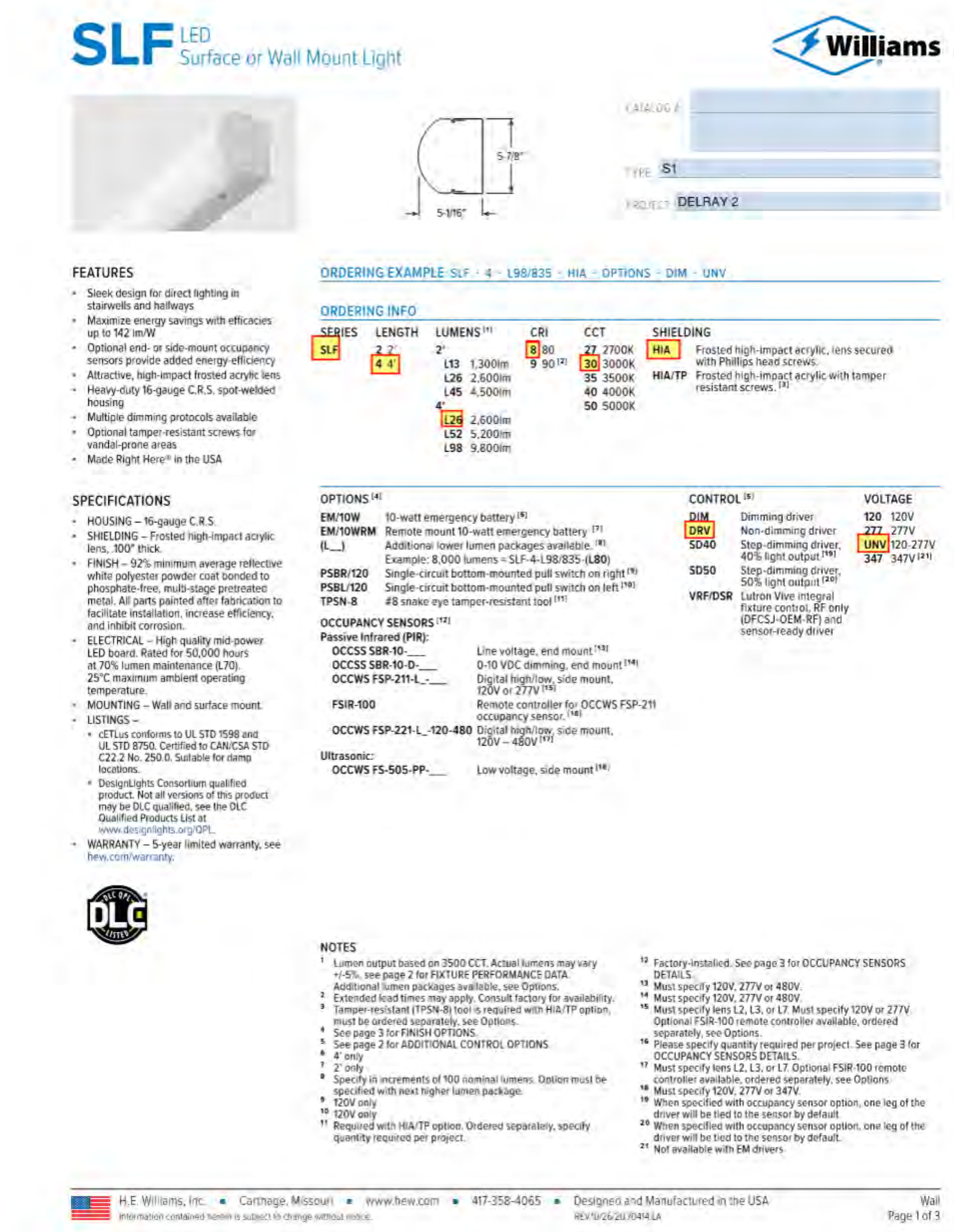
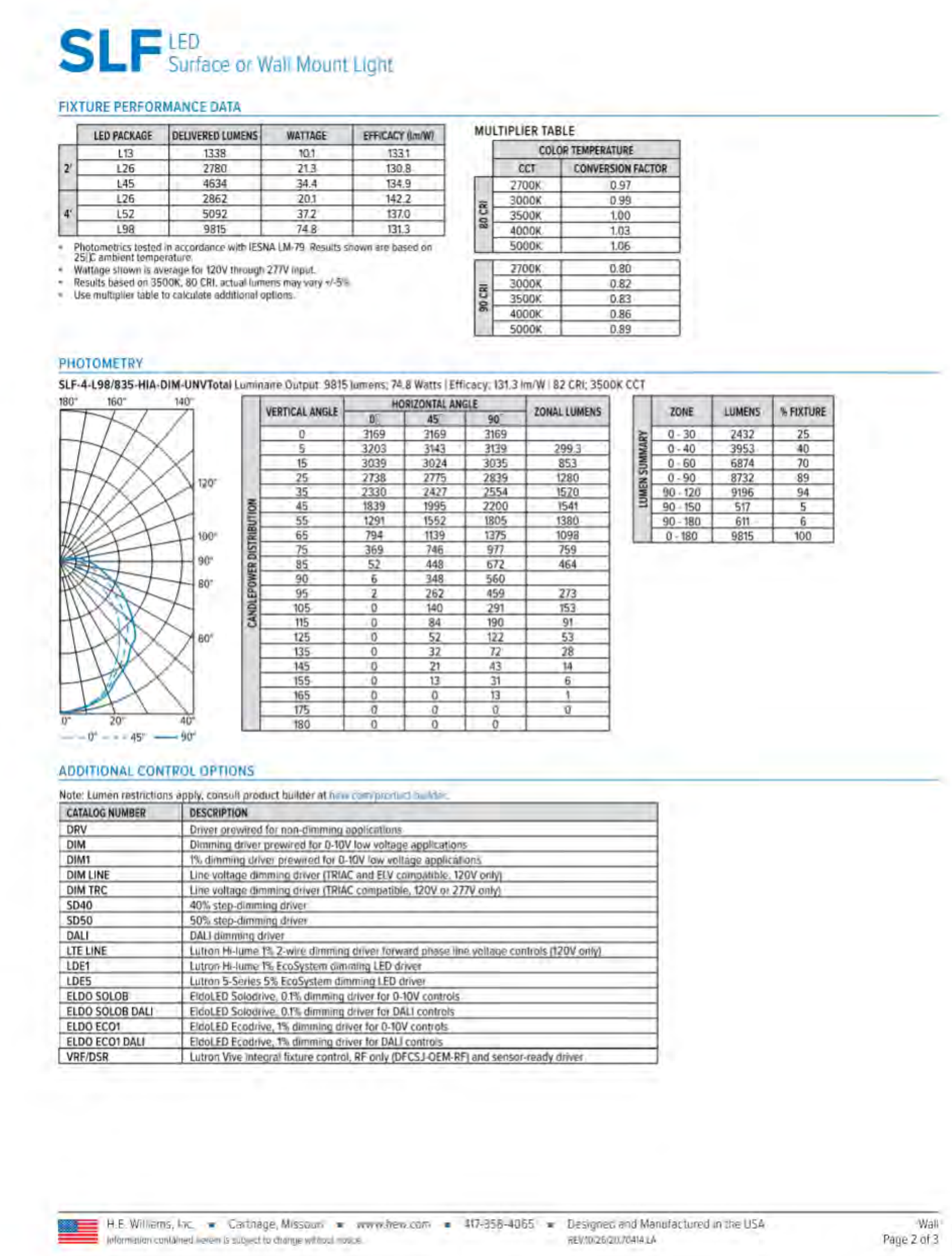
A14e

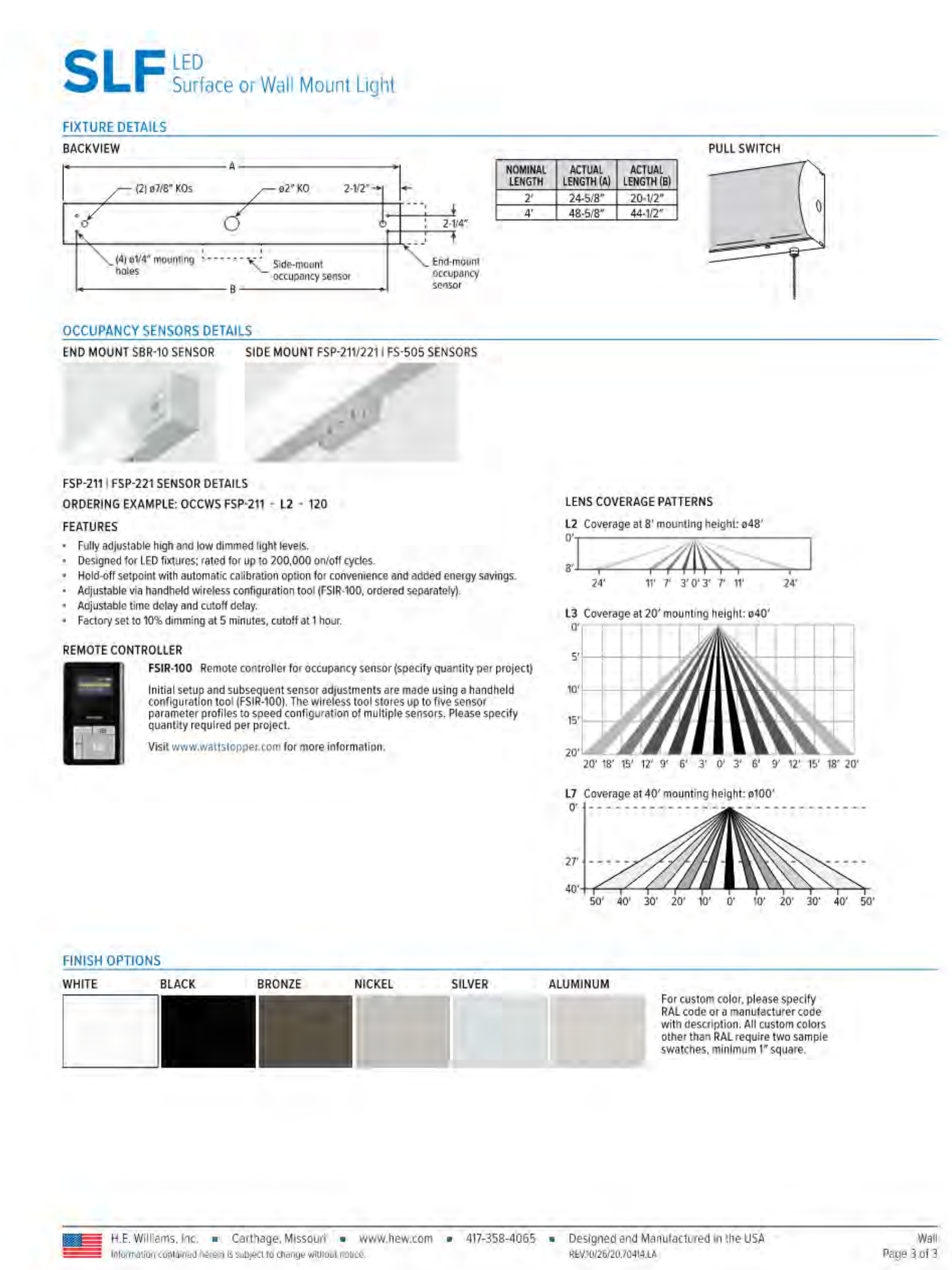


Luminaire Schedule							
Symbol	Qty	Label	Tag	Description	Lum. Lumens	Lum. Watts	LLF
	6	S1	Williams	SLF-4-L26-835-HIA-DIM-UNV WITH FROSTED ACRYLIC LEN	2862	20.13	0.800

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
First Stair_Side_10	Illuminance	Fc	3.4	3.7	3.0	1.1	1.2
First Stair_Side_12	Illuminance	Fc	3.4	3.5	3.2	1.1	1.1
First Stair_Side_14	Illuminance	Fc	3.5	3.7	3.4	1.0	1.1
First Stair_Side_16	Illuminance	Fc	3.2	3.4	2.8	1.1	1.2
First Stair_Side_18	Illuminance	Fc	3.3	3.5	2.9	1.1	1.2
First Stair_Side_2	Illuminance	Fc	5.2	5.5	4.8	1.1	1.2
First Stair_Side_20	Illuminance	Fc	3.3	3.5	3.0	1.1	1.2
First Stair_Side_22	Illuminance	Fc	3.5	3.8	3.0	1.2	1.3
First Stair_Side_24	Illuminance	Fc	3.5	4.1	3.0	1.2	1.4
First Stair_Side_4	Illuminance	Fc	5.3	5.4	5.1	1.0	1.1
First Stair_Side_6	Illuminance	Fc	4.8	4.9	4.6	1.0	1.1
First Stair_Side_8	Illuminance	Fc	3.9	4.1	3.5	1.1	1.2
Landing B_1_Top_1	Illuminance	Fc	4.7	5.7	3.3	1.4	1.7
Landing B_Planar	Illuminance	Fc	2.9	4.1	2.0	1.5	2.1
Landing_1_Top_1	Illuminance	Fc	4.4	5.2	3.3	1.3	1.6
Landing_Planar	Illuminance	Fc	2.9	3.5	2.3	1.3	1.5
Stair 2_Side_10	Illuminance	Fc	5.2	6.0	4.2	1.2	1.4
Stair 2_Side_12	Illuminance	Fc	4.9	5.6	4.1	1.2	1.4
Stair 2_Side_14	Illuminance	Fc	4.7	5.2	3.9	1.2	1.3
Stair 2_Side_16	Illuminance	Fc	4.3	4.7	3.7	1.2	1.3
Stair 2_Side_18	Illuminance	Fc	3.9	4.2	3.4	1.2	1.2
Stair 2_Side_2	Illuminance	Fc	5.6	5.7	5.3	1.1	1.1
Stair 2_Side_20	Illuminance	Fc	3.4	3.7	2.9	1.2	1.3
Stair 2_Side_22	Illuminance	Fc	2.7	3.1	2.2	1.2	1.4
Stair 2_Side_24	Illuminance	Fc	2.2	2.5	2.0	1.1	1.3
Stair 2_Side_4	Illuminance	Fc	5.7	6.0	5.5	1.0	1.1
Stair 2_Side_6	Illuminance	Fc	5.3	6.1	4.3	1.2	1.4
Stair 2_Side_8	Illuminance	Fc	5.3	6.2	4.3	1.2	1.4
Stair 2a_Side_11	Illuminance	Fc	4.7	5.2	3.9	1.2	1.3
Stair 2a_Side_13	Illuminance	Fc	5.0	5.6	4.1	1.2	1.4
Stair 2a_Side_15	Illuminance	Fc	5.4	6.2	4.4	1.2	1.4
Stair 2a_Side_17	Illuminance	Fc	5.8	6.5	4.8	1.2	1.4
Stair 2a_Side_19	Illuminance	Fc	6.0	6.9	4.8	1.2	1.4
Stair 2a_Side_21	Illuminance	Fc	6.1	6.9	5.0	1.2	1.4
Stair 2a_Side_23	Illuminance	Fc	6.0	6.9	4.9	1.2	1.4
Stair 2a_Side_24	Illuminance	Fc	6.4	7.2	5.5	1.2	1.3
Stair 2a_Side_26	Illuminance	Fc	5.7	6.5	4.7	1.2	1.4
Stair 2a_Side_28	Illuminance	Fc	5.4	6.1	4.4	1.2	1.4
Stair 2a_Side_5	Illuminance	Fc	6.0	6.2	5.8	1.0	1.1
Stair 2a_Side_7	Illuminance	Fc	5.6	6.0	5.0	1.1	1.2
Stair 2a_Side_9	Illuminance	Fc	4.8	5.1	4.3	1.1	1.2
Stair_Side_11	Illuminance	Fc	4.9	5.3	4.4	1.1	1.2
Stair_Side_13	Illuminance	Fc	4.5	4.8	4.0	1.1	1.2
Stair_Side_15	Illuminance	Fc	4.4	4.8	3.9	1.1	1.2
Stair_Side_17	Illuminance	Fc	5.2	5.3	5.1	1.0	1.0
Stair_Side_19	Illuminance	Fc	5.4	5.8	4.9	1.1	1.2
Stair_Side_21	Illuminance	Fc	5.7	6.3	4.9	1.2	1.3
Stair_Side_23	Illuminance	Fc	6.1	6.8	5.2	1.2	1.3
Stair_Side_25	Illuminance	Fc	6.9	7.3	6.6	1.0	1.1
Stair_Side_27	Illuminance	Fc	6.4	7.4	5.3	1.2	1.4







STATE OF FLORIDA
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REGISTERED ARCHITECT

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GARDCO by Signify — Garage & Canopy — SoftView — SVPG with contact optics

SVPG SoftView LED
Garage & Canopy - Parking Garage Luminaires

Ordering guide

Accessories (ordered separately)

LED wattage and lumen values

Dimension drawings

Programmable motion response

Radio and motion sensor details

Specifications

LIGHT SHIELD

STI134 LED
Recessed Wall Luminaires

1/5

Description

IP66. Class I. IK10. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Polycarbonate lens. Two cable entries. A pre-installation blockout is available and recommended for mounting in concrete walls. To be ordered separately.

2.36" — 10.63" — 0.39" — 3.54" — 10.04 x 1.97"

STI134 LED
Recessed Wall Luminaires

2/5

Specifications

Material Specification

Colour:	RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze
Quick Ship	Quickship features a one week ship time for Steplights and two week ship time for the rest of our Core products. All applicable information must be included for orders to be processed and colors must be in one of our 4 standard finishes. A maximum order quantity of 30 pieces applies.
Gasket:	Silicone rubber gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware
Ingress protection:	IP66
Impact protection:	IK10
Mounting:	Suitable for installation in cavity wall construction or concrete pour construction using optional installation blockout.
Listings:	ETL listed. Suitable for wet locations.

Electrical Specification

Power supply:	Integral (ECG) electronic driver 120V-277V. 0-10V dimmable, to be specified with order.

STI134 LED
Recessed Wall Luminaires

3/5

Choices

Light Distributions	Nominal Lumen	Nominal Watt	Colour Temperatures	Colours
	1020	6	3000 K	RAL9004 Black
	1050		4000 K	RAL9007 Grey Metallic
				RAL9016 White
				RAL8019 Dark Bronze

STI134 LED
Recessed Wall Luminaires

4/5

Configurations

Light Distributions	Part ID	Light Source	Delivered Lumens	Rated Input Power	CRI	Weight	Link
	615-7321	LED-6W / 350 mA - 3000 K	166	8	80	1.98	
	615-7322	LED-6W / 350 mA - 4000 K	170.9	8	80	1.98	

Related Families / STI100

Family	Dimensions	Wattage	Nominal Lumen	Links	Download Data Sheet
STI134 LED	10.63 x 2.56	6 W	1020 - 1050		

STI134 LED
Recessed Wall Luminaires

5/5

Mounting Accessories

Installation blockout

615-9334 Installation blockout 13-I (Proud)

C1

615-9335 Installation blockout 13-II (Flush)

C1

2

5

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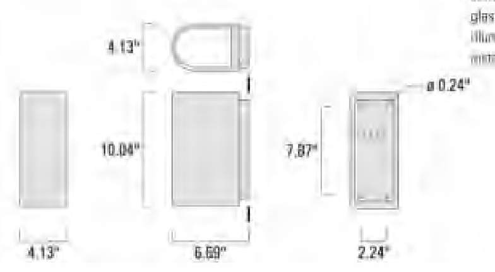
SLS410 LED
Surface Mounted Wall Luminaires

we-ef

1/7

Description
IP66, Class I IK07. Marine-grade, die-cast aluminum alloy. SCE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens. Integral EC electronic converter. CAD-optimized optics for superior illumination and glare control. OLC® One LED Concept. Suitable for installation over 4" recessed junction box.



SLS410 LED
Surface Mounted Wall Luminaires

we-ef

2/7

Specifications

Material Specification

Body:	Marine-grade, die-cast aluminum alloy
Lens:	Safety glass lens
Colours:	RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze
Lightspeed	Need Fixtures Fast? Ask for LIGHTSPEED. LIGHTSPEED features a 5-day dispatch guaranteed on CORE products, or 25% back! Our CORE Products include 80+ subfamilies, available in 4 standard finishes. Standard dispatch of CORE products is 2-weeks. Maximum order quantities apply.
Gasket:	Silicone rubber gasket
Fasteners:	PCS hardware
Ingress protection:	IP66
Impact protection:	IK07
Corrosion protection:	SCE
Listings:	ETL listed. Suitable for wet locations

Electrical Specification

Power supply:	Integral (ECG) electronic 0-10 V dimmable driver in 120-277 universal voltage
Driver / Ballast:	Integral EC electronic converter
Cable:	Two cable entries

Lifetime

LED >60,000 h Ta 25°(L70/B10) Control gear >50,000 h Ta 25°

SLS410 LED
Surface Mounted Wall Luminaires

we-ef

3/7

Choices

Light Distribution	Nominal Lumens	Nominal Watt	Colour Temperatures	Colours
			3000 K 4000 K	RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze

SLS410 LED
Surface Mounted Wall Luminaires

we-ef

4/7

Configurations

Light Distributions	Part ID	Light Source	Delivered Lumens	Rated Input Power	Weight	Link

SLS410 LED
Surface Mounted Wall Luminaires

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5/7

SLS410 LED
Surface Mounted Wall Luminaires

we-ef

6/7

Configurations

Light Distributions	Part ID	Light Source	Delivered Lumens	Rated Input Power	Weight	Link

Related Families / SLS400

Family	Dimensions	Wattage	Nominal Lumen	Links
SLS410 LED				
SLS420 LED				

SLS410 LED
Surface Mounted Wall Luminaires

we-ef

7/7

Mounting Accessories

Column fitter

LIGHTOLIER by Signify

Downlighting

Calculite LED 6" gen 3

C6RDL Round Downlight

Frame
Engine
Trim
Accessories

RoHS COMPLIANT

interact ready.

C6RDL Calculite LED 6" gen 3
Round Downlight

Frame-in-kits

Wired Controls Options

Interact Pro (IAP)

Dimming

Power over Ethernet

Optical systems

Light Engine

Options and Accessories

ENERGY STAR exceptions

Title 24 exceptions

Labels and Listings

Warranty

C6RDL Calculite LED 6" gen 3
Round Downlight

Narrow

Medium/Wide

Marked spacing applications

Lifetime (TM-21) data

C6RDL Calculite LED 6" gen 3
Round Downlight

Narrow beam, 2500lm Engine

Medium beam, 2500lm Engine

C6RDL Calculite LED 6" gen 3
Round Downlight

Wide beam, 2500lm Engine

Signify

C6RDL Calculite LED 6" gen 3
Round Downlight

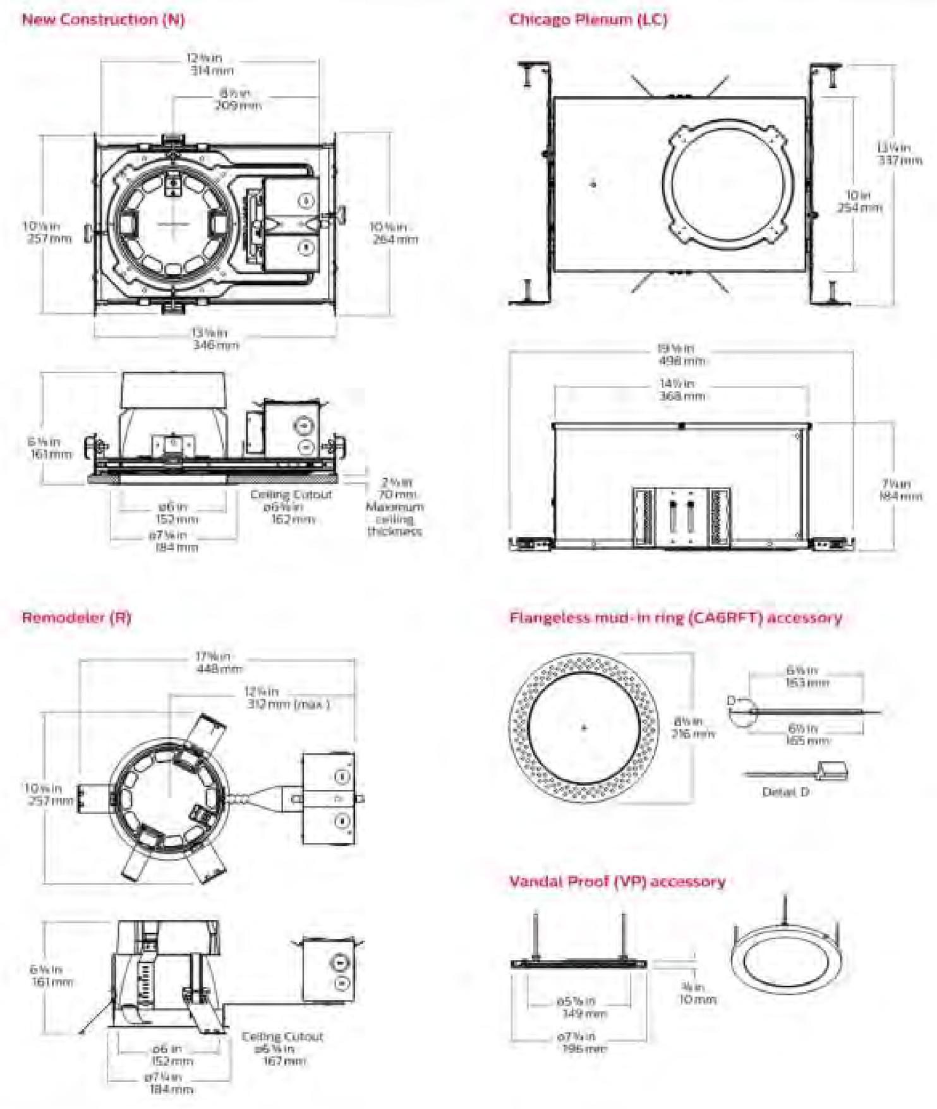
New Construction (N)

Chicago Plenum (LC)

Remodeler (R)

Flangeless mud-in ring (CA6RFT) accessory

Vandal Proof (VP) accessory



C6RDL Calculite LED 6" gen 3
Round Downlight

Reflector

Flange

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PIERRE DELRAY PHASE II - SPRAB SITE PLAN PACKAGE

LIGHT FIXTURES

11.03.2020

A15a

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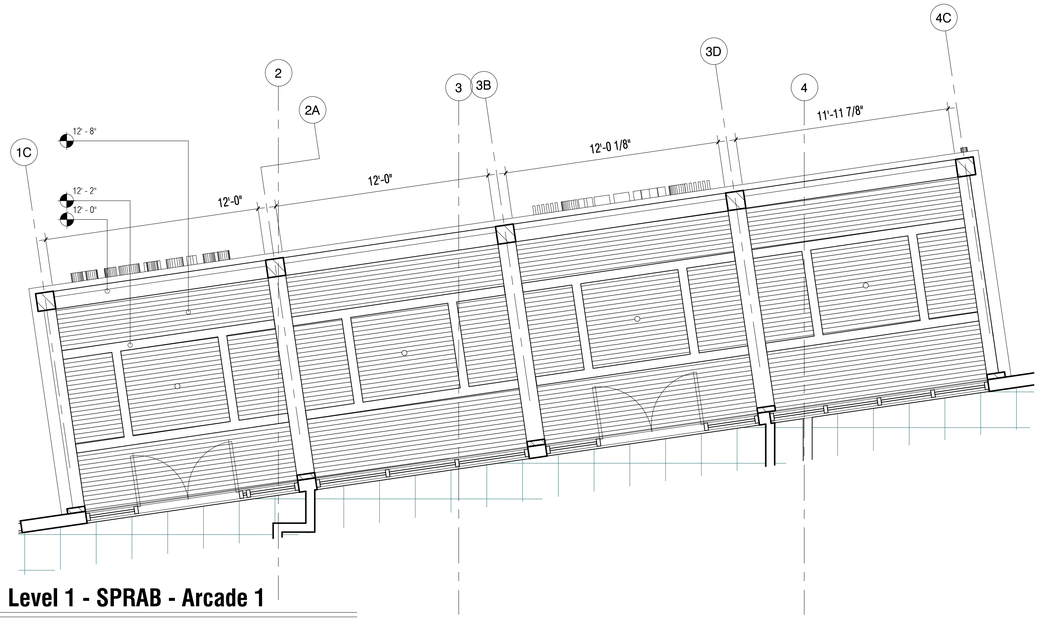
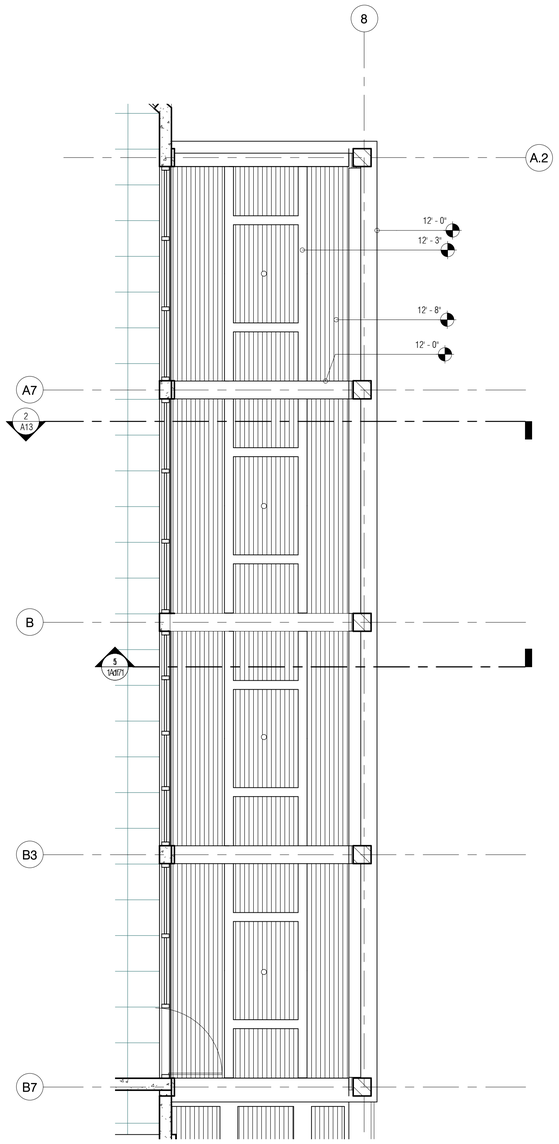


4 / A16 **Level 1 - SPRAB - Arcade 1**

Scale: 1/4" = 1'-0"

6 / A16 **CORNER VIEW OF ARCADES**

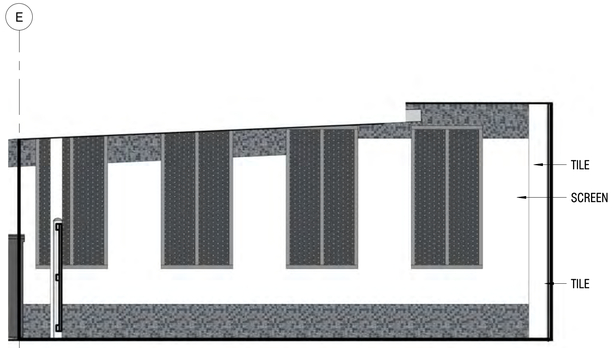
Scale:



ARCADE 3 PARELLEL TO PARKING
GARAGE SIMILAR

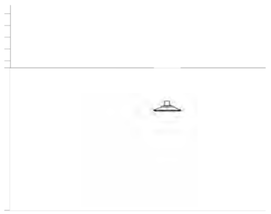
5 / A16 **Level 1 - SPRAB - Arcade 2**

Scale: 1/4" = 1'-0"



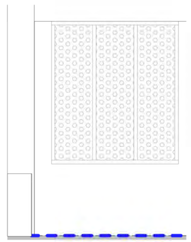
3 / A16 **TILE AT REAR WALL**

Scale: 1/4" = 1'-0"



2 / A16 **PANEL METAL SCREEN**

Scale: 1/4" = 1'-0"



1 / A16 **PANEL METAL SCREEN**

Scale: 1/4" = 1'-0"

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PIERRE DELRAY PHASE II - SPRAB SITE PLAN PACKAGE

SPRAB DETAILS | *1/4" = 1'-0"* | *11.03.2020*

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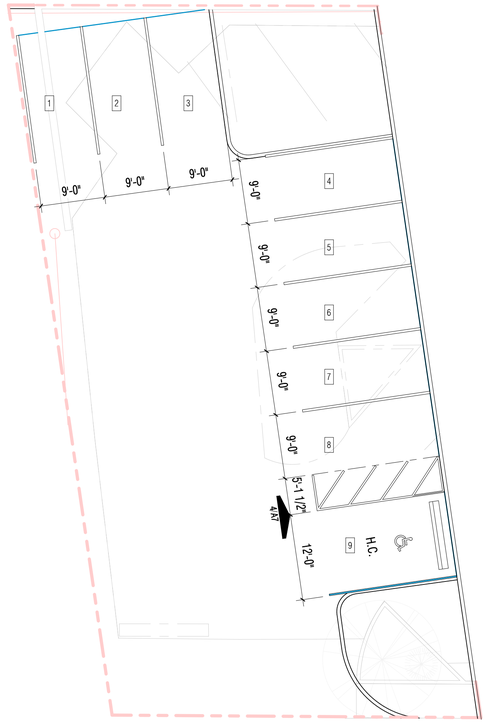
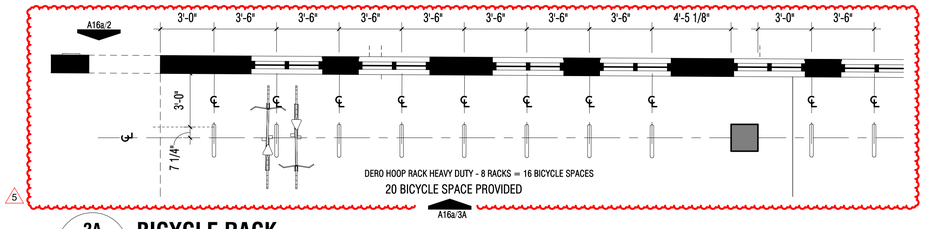
A16



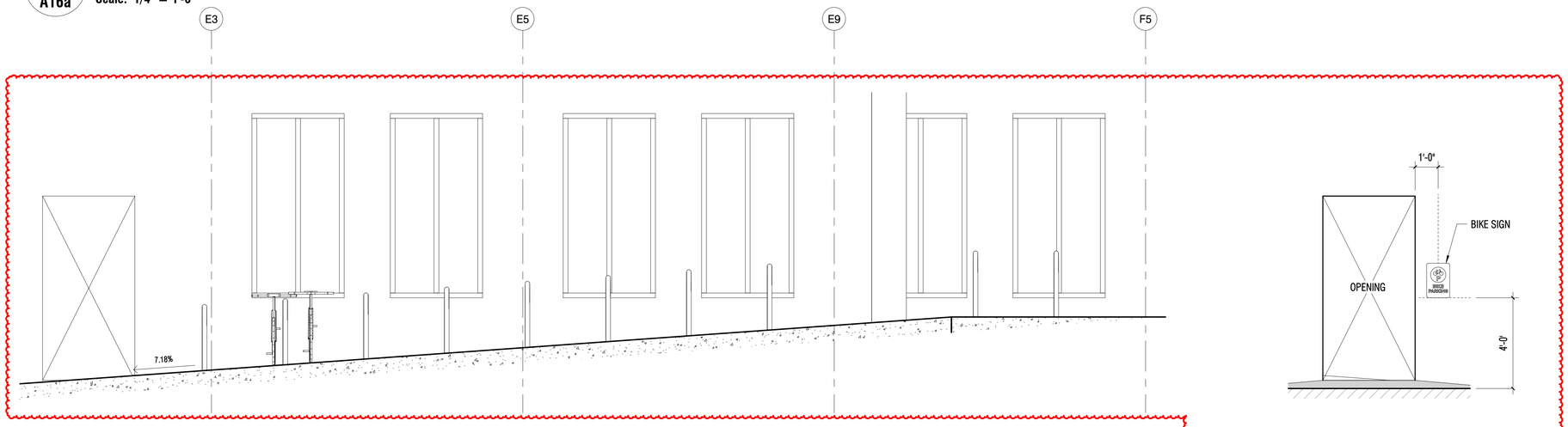
1 A16a FUTURE PARKING AT PARCEL 5 (LEASED)

Scale: 1" = 10'-0"



2A A16a BICYCLE RACK

Scale: 1/4" = 1'-0"

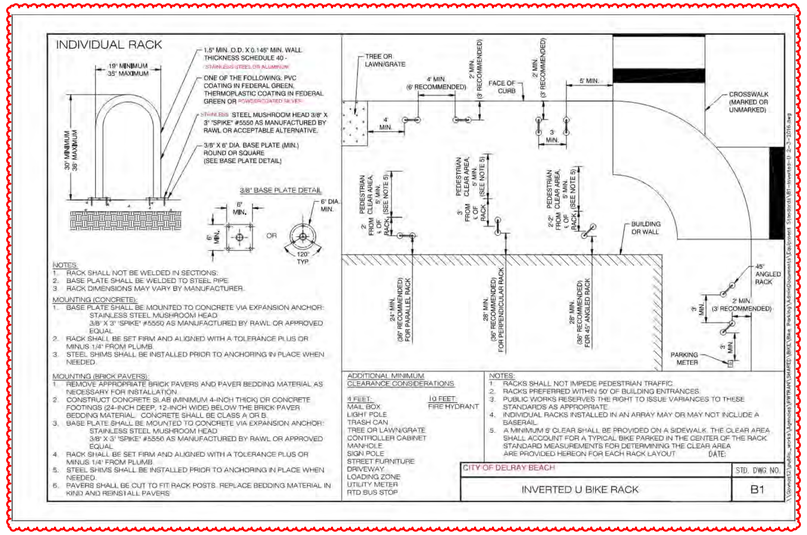


3A A16a BICYCLE RACK ELEVATION

Scale: 3/8" = 1'-0"

2 A16a BIKE RACK SIGN

Scale: 3/8" = 1'-0"



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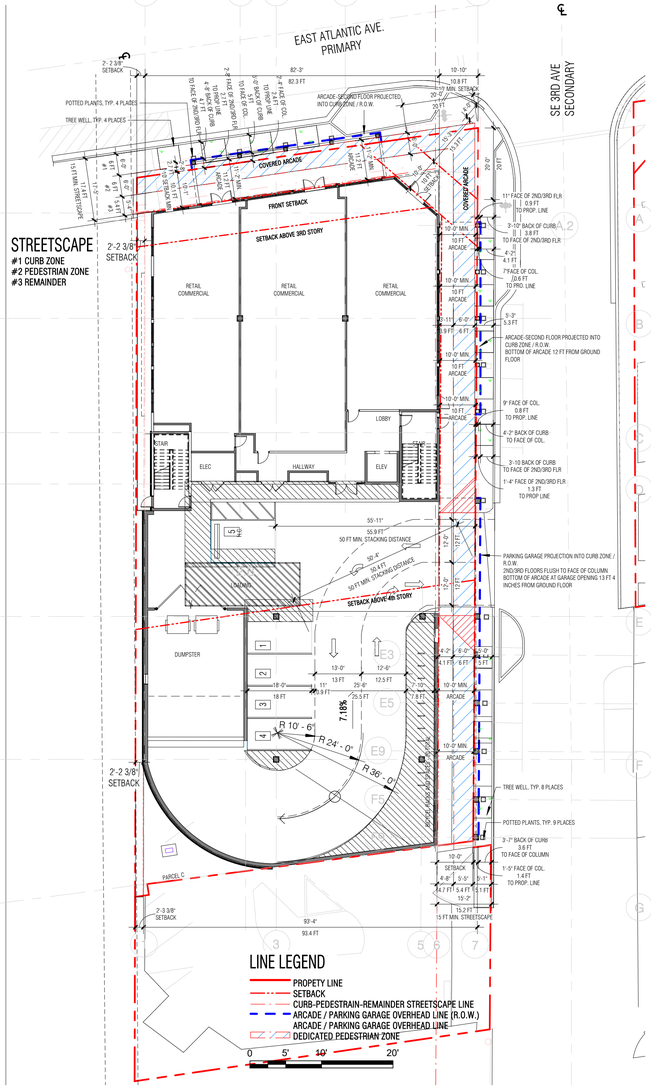

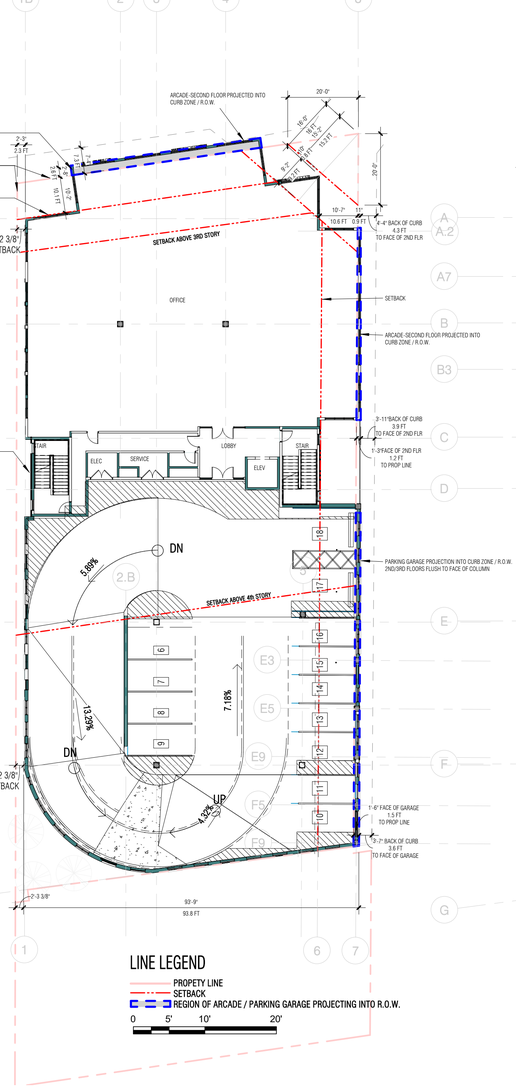

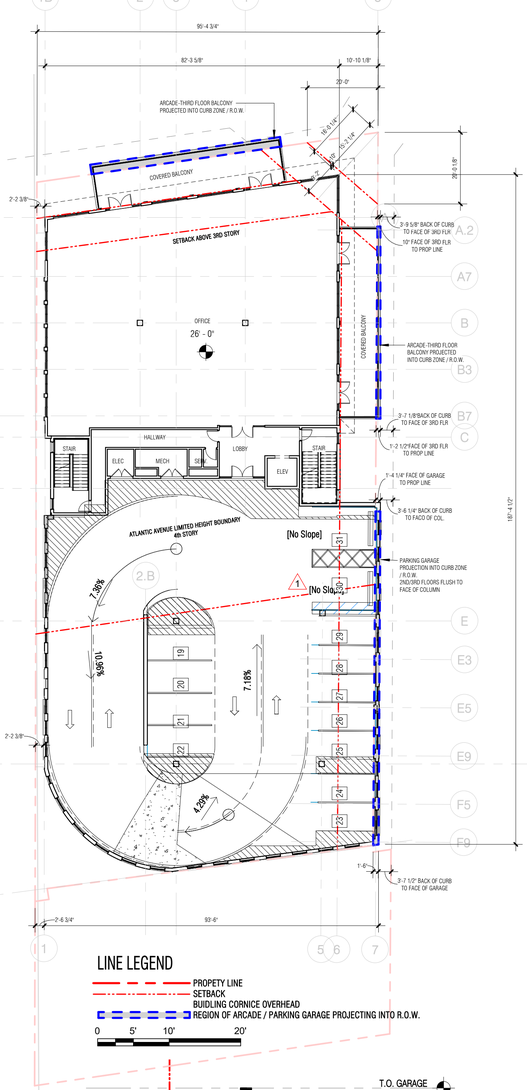

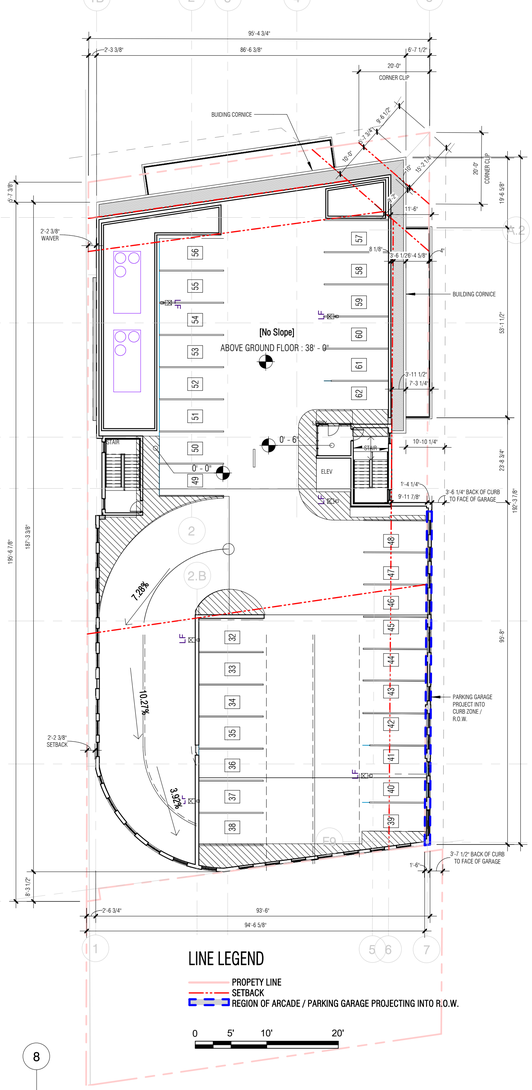

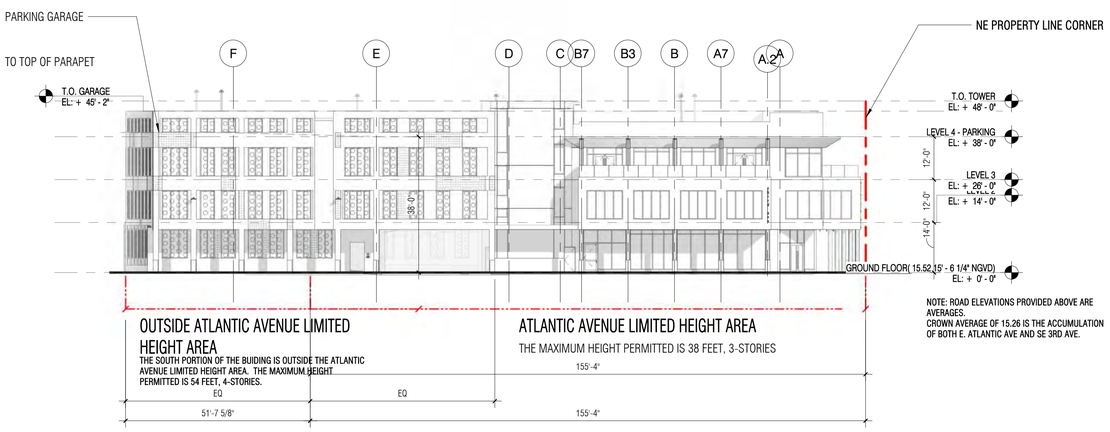

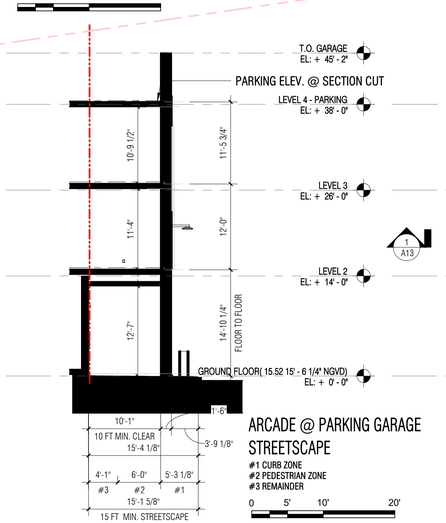

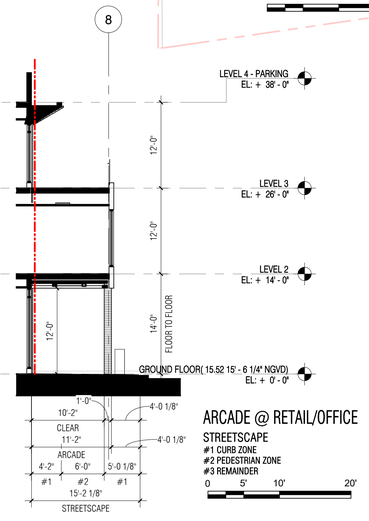

PIERRE DELRAY PHASE II - SPRAB SITE PLAN PACKAGE

WAIVER | As indicated | 11.03.2020

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