

**OW2201 – Plā™**  
No Accent Plates



Type: Project:

[VisaLighting.com/products/PLā](http://VisaLighting.com/products/PLā)

Fill in shaded boxes using information listed below

Order Code: **OW2201**  
MODEL

**MVOLT**  
VOLTAGE

**A** Uplight

**B** Downlight

**C** Uplight

**D** Downlight

**E** FINISH

SOURCE

VOLTAGE

OPTIC

Canopy & Housing



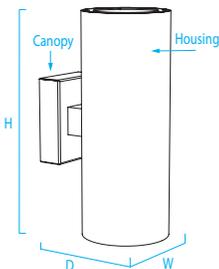
From the welcoming glow for the entry to the functional façade lighting, in a durable, attractive wall mounted fixture yielding both dramatic accent lighting and functional area lighting without sacrificing efficiency

**DIMENSIONS**

Depth is measured from wall to front of fixture

W = Width H = Height D = Depth

W	7"	(178 mm)
H	18"	(457 mm)
D	10-1/8"	(257 mm)



**A B SOURCE (Select one) and VOLTAGE D E OPTICAL DISTRIBUTION (Select one)**

MVOLT fixture accepts 120 through 277 input voltage  
White LED Sources are dimmable 0-10V to 10% (not available with pencil beam optic)  
White LED Sources are 93CRI, within 3-step MacAdam  
White Pencil Beam Sources are 82CRI within 3-step MacAdam

A B Source	Voltage	C D Optic	CCT	per direction (up/down)		
				Delivered Lumens MED	Lumens NRW	Power (Watts)
L30K	MVOLT	MED (50° Beam) NRW (23° Beam)	3000K	2200	1600	29
L35K			3500K			
L40K			4000K			

Source	Voltage	Optic	CCT	P		Power (Watts)
				Delivered Lumens	Lumens	
AMB	MVOLT	P (Pencil Beam) Not dimmable	3000K	670	730	12
BLU				230		
GRN				530		
RED				400		
L30K				730		
L35K				750		
L40K				790		

**NONE** If an uplight or downlight source is not needed, choose none

**E FINISHES (Select one)**

See page 2 for color chart

Powder Coat Painted Finishes (Standard)

<b>AG7038</b> Agate Grey	<b>CVBL</b> Cove Blue	<b>GW9002</b> Grey White	<b>PB1035</b> Pearl Beige
<b>BMAT</b> Bronze Matte	<b>CW9001</b> Cream	<b>HTHR</b> Heather	<b>RUST</b> Rust
<b>BRNZ</b> Bronze	<b>GLIM</b> Glimmer	<b>JB9005</b> Jet Black	<b>SUNG</b> Sungold
<b>BSIL</b> Blade Silver	<b>GSIL</b> Graphite Silver	<b>OBRZ</b> Old Bronze	<b>TW9016</b> Traffic White

**ACCESSORIES - Order Separately**

**Remote emergency line voltage inverter – Surface or cabinet mount**

- PS-EMVL** Can supply a single fixture up to 20W at 120V or 277V for 90 minutes
- PS-EMVM** Can supply multiple fixtures up to a combined 125W at 120V or 277V for 90 minutes
- PS-EMVH** Can supply multiple fixtures up to a combined 375W at 120V or 277V for 90 minutes



LED



ETL Listed

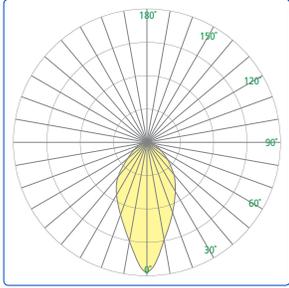


5 Year Warranty

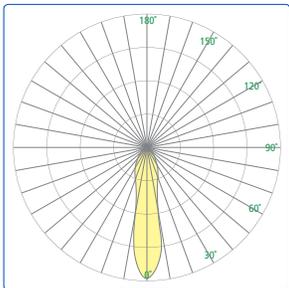
**OW2201 – Plā**  
No Accent Plates



**Photometrics (per direction - up/down)**



MED 50° Beam

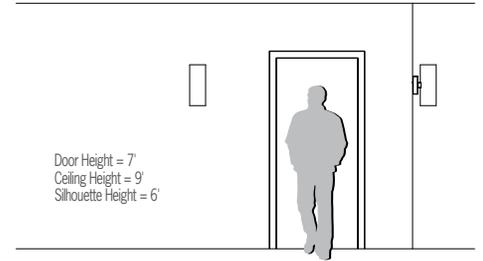


NRW 23° Beam

**Technical Information**

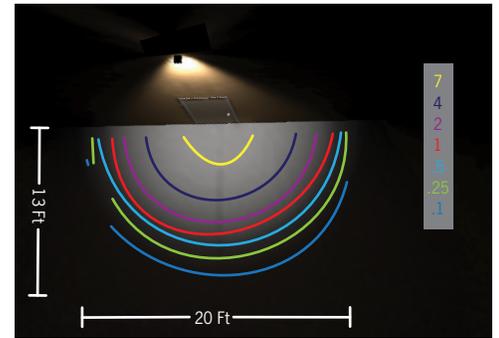
- Integral high power factor electronic power supply with MVOLT operation in wall bracket canopy
- Modular design for replacement of LED source and power supply
- IP65 rated
- Bracket mounting system simplifies installation and maintenance
- Mounts over 4" junction box
- Tamper resistant fasteners
- Meets seismic guidelines for weight
- Cast and fabricated aluminum
- No VOC powder coat paint finish

**Relative Scale Drawing**



**Path of Egress**

L35K, 50 degree beam spread, downlight only, mounted 16' above grade, .70 light loss factor used



Specify color code when ordering. For accurate color matching, individual paint and finish samples are [available upon request](#). For additional information see [VisaLighting.com/materials-finishes](http://VisaLighting.com/materials-finishes)

**Painted Finishes (Standard)**



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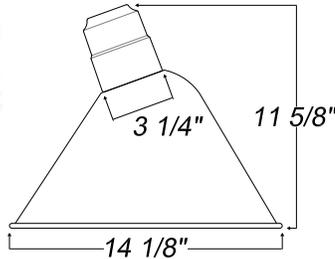


Finish color - Pebble Grey (RAL7032)

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_



**Specifications**

**Material:**  
RLM shades are constructed of heavy duty spun aluminum. Wall back plate and driver housing are cast aluminum. All fasteners are stainless steel. Inside of shade is reflective white finish for all colors except galvanized paint finish. Screw hardware may not match paint.

**Electrical:**  
GU24 socket, 120V only. Universal voltage 120-277 is standard. 0-10V, TRIAC and ELV dimming protocols are standard for LED modules. (12w is TRIAC dimming & 120v only)

See page 2 table for LED module and driver specs, voltage and dimming protocols.

**Certifications:**  
Cord mounts are UL Listed for dry locations. Arm mount, stem mount and wall mount are UL Listed for wet locations.



**Finish:**  
A polyester powder coat high quality finish is electro-statically applied and baked at 430° for exceptional durability and color retention. Products undergo an intensive five-step cleansing and pretreatment process for maximum paint adhesion.

Marine grade finish provides superior salt, humidity and UV protection. This coating withstands up to 3000 hours of continuous salt spray, comes with a 5-year warranty and is available in either a textured or gloss surface.

**Modifications:**  
Consult factory for custom or modified luminaires.

Weight: 1.5 lbs

**A814**

LED

Catalog Logic



Catalog Number		1	2	3	4	5	6	7	8	9
		A814	M016LD	D	W	40K	RTC	UNV	E6	SWL 41

**1 LIGHT SOURCE & WATTAGES**

GU24	(GU24 Socket Only, 120V only)
M012LD	(12w, 750 lumen, Cree module) Integral driver, 120V, TRIAC dimming & narrow distribution only.
M009LD	(9w, 850 lumen, Cree module)
M010LD	(10w, 1250 lumen, Cree module)
M016LD	(16w, 2000 lumen, Cree module)

**2 DIMMING**

D (Dimming)
See page 2 table for LED engine and driver specs, voltage and dimming protocols.

**3 DISTRIBUTION**

W (T5 Wide Distribution with Dome LED Lens)
N* (T5 Narrow Distribution with Flat LED Lens)
*12w is narrow only, select "N".

**4 COLOR TEMPERATURE (CCT)**

27K	(2700K)
30K	(3000K) (Not Sunset Dim)
35K	(3500K) (Not Sunset Dim)
40K	(4000K) (Not Sunset Dim)

**5 DRIVER HOUSING**

RTC	(Driver Canopy)
RTCNC	(Driver Canopy/No Spun Cover)
NA	(Housing not required for 12w)

**6 VOLTAGE**

UNV	(120-277)
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**7 MOUNTING SOURCES**

Arm Mounts (Cast back plate included (CB))
E3 E4 <b>E6</b> E7 E8
E10 E11 E12 E18 E25
(See Step 5 for Driver Housing Options)
Wall Mounts
WM54
WM317
Stem Mounts
1/2" (13/16" OD Rigid Stems with STC Flat Canopy)
2ST6 2ST12 2ST18 2ST24 2ST36 2ST48
2ST60 2ST72 2ST96
3/4" (1" OD Rigid Stems with STC Flat Canopy)
3ST6 3ST12 3ST18 3ST24 3ST36 3ST48
3ST60 3ST72 3ST96
(See Step 5 for Driver Housing Options)

**8 ACCESSORIES**

CBC	(Cast back plate Spun Alum Cover)
GR14	(14" Wire Grill)
PC	(Button Photo Cell) Remote Only
SC	(Scroll for Arms)
SLC	(Sloped Ceiling Mount, 20° Max)
SQ	(Square Back Plate)
SWL	(Swivel)
TBK	(Turn Buckle Kit)

**9 FINISHES**

Standard Grade	Marine Grade	Standard Grade	Marine Grade
40	NA	53	100
41	101	56	109
42	102	61	106
43	114	70	118
44	107	71	105
45	112	72	108
46	123	73	125
47	120	76	121
49	NA	77	127
50	111	78	124
51	103	10	130
52	104	11	131
12	133	13	132
81	129	64	116
80	117	65	122
67	119	82	128
66	115	69	113
68	126	83	134

Consult factory for additional paint charges and availability

Project: \_\_\_\_\_  
 Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_  
 Customer: \_\_\_\_\_

LED PERFORMANCE				
MODULE				
LED Wattage	CCT	Typical Luminous Flux	System Wattage	Typical Efficacy
9W	2700K	850	11W	97
	3000K	850	11W	97
	3500K	850	11W	97
	4000K	850	11W	97
10W	2700K	1250	12W	125
	3000K	1250	12W	125
	3500K	1250	12W	125
	4000K	1250	12W	125
12W	2700K	750	12W	65
	3000K	750	12W	65
	3500K	750	12W	65
	4000K	750	12W	65
16W	2700K	2000	19W	125
	3000K	2000	19W	125
	3500K	2000	19W	125
	4000K	2000	19W	125

MODULE SPECIFICATION
<ul style="list-style-type: none"> <li>• Efficacy 65-125 lumens per watt</li> <li>• Dimmable down to 1%</li> <li>• Life: L70 50,000 hours</li> <li>• Color temp: 2700K,3000K,3500K and 4000K</li> <li>• CRI: &gt;90</li> </ul>

MODULE DRIVER SPECIFICATION
<ul style="list-style-type: none"> <li>• Input Voltage: 120-277 Volts; 50/60Hz</li> <li>• 0-10V, TRIAC and ELV dimming protocols are standard. (24w is 0-10v only)</li> <li>• Output Current: Constant Current: 440mA to 940mA (model dependent)</li> <li>• Driver Efficiency &gt; 80%; Power Factor &gt; 0.9</li> <li>• Integral Surge Protection in conformance to ANSI C62.41 Category A</li> </ul>

MODULE LISTINGS
<ul style="list-style-type: none"> <li>• Fully compliant with the RoHS Directive</li> <li>• Certifications: CE/UL</li> </ul>

WARRANTY
<p>See <a href="http://www.anplighting.com">www.anplighting.com</a> for complete fixture warranty.                      LED warranty information</p> <ul style="list-style-type: none"> <li>• 5 year limited warranty*</li> </ul> <p>*Limited Warranty: A typical year is defined as 4380 hours of operation.</p>

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

Customer: \_\_\_\_\_

**ARM MOUNTS** | Dimensions are Projection x Height | CB included with all arms



**E3** | 32" x 11 7/8"



**E4** | 26" x 14"



**E6** | 26" x 9 1/4"



**E7** | 41 1/4" x 9 1/8"



**E8** | 29 1/4" x 12 1/2"



**E10** | 52 1/4" x 18"



**E11** | 35 1/4" x 17 1/4"



**E12** | 37 3/8" x 2"



**E18** | 27 3/4" x 21 3/8"



**E25** | 23" x 5 1/4"

**Driver Housing**

	RTC
	RTCNC

**WALL MOUNTS** | Dimensions are Projection x Height | **POST MOUNTS** | Dimensions are Projection x Height



**WM54** | 23 3/8" x 18"



**WM317** | 15" x 12 3/4"

**ACCESSORIES**



**CBC**



**GR14**



**PC**



**SC**



**SLC**



**SQ**



**SWL**



**TBK**



# RSX1 LED Area Luminaire

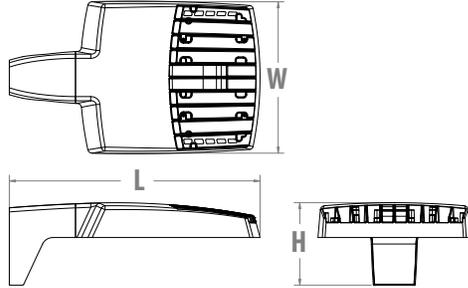


Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

## Specifications

<b>EPA (ft<sup>2</sup>@0°):</b>	0.57 ft <sup>2</sup> (0.05 m <sup>2</sup> )
<b>Length:</b>	21.8" (55.4 cm) (SPA mount)
<b>Width:</b>	13.3" (33.8 cm)
<b>Height:</b>	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
<b>Weight (max):</b>	31.0 lbs (14.1 kg)



## Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

## Ordering Information

**EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD**

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide R5S Type 5 Short AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) <sup>1</sup> HVOLT (347V-480V) <sup>2</sup> <b>(use specific voltage for options as noted)</b> 120 <sup>3</sup> 277 <sup>3</sup> 208 <sup>3</sup> 347 <sup>3</sup> 240 <sup>3</sup> 480 <sup>3</sup>	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>4</sup> WBA Wall bracket WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting <sup>4</sup> AARP Adjustable tilt arm round pole mounting <sup>4</sup> AAWB Adjustable tilt arm with wall bracket <sup>4</sup> AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>4</sup>

Options	Finish
<p><b>Shipped Installed</b></p> <p>HS House-side shield<sup>5</sup></p> <p>PE Photocontrol, button style<sup>6,7</sup></p> <p>PEX Photocontrol external threaded, adjustable<sup>7,8</sup></p> <p>PER7 Seven-wire twist-lock receptacle only (no controls)<sup>7,9,10,11</sup></p> <p>CE34 Conduit entry 3/4" NPT (Qty 2)</p> <p>SF Single fuse (120, 277, 347)<sup>3</sup></p> <p>DF Double fuse (208, 240, 480)<sup>3</sup></p> <p>SPD20KV 20KV Surge pack (10KV standard)<sup>7,11</sup></p> <p>FAO Field adjustable output<sup>7,11</sup></p> <p>DMG 0-10V lead wires extended (no controls)<sup>7,11</sup></p>	<p><b>Shipped Installed</b></p> <p><b>*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)</b></p> <p>NLTAIR2 nLight AIR generation 2<sup>11,12,13</sup></p> <p>PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2)<sup>11,13,14</sup></p> <p><b>*Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.</b></p> <p><b>Shipped Separately (requires some field assembly)</b></p> <p>EGS External glare shield<sup>5</sup></p> <p>EGFV External glare full visor (360° around light aperture)<sup>5</sup></p> <p>BS Bird spikes<sup>15</sup></p>
	<p>DDBXD Dark Bronze</p> <p>DBLXD Black</p> <p>DNAXD Natural Aluminum</p> <p>DWHXD White</p> <p>DDBTXD Textured Dark Bronze</p> <p>DBLTXD Textured Black</p> <p>DNATXD Textured Natural Aluminum</p> <p>DWHGXD Textured White</p>



## Ordering Information

### Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish)
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) <sup>16</sup>
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) <sup>16</sup>
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) <sup>16</sup>
DSHORT SBK U	Shorting cap <sup>16</sup>

### NOTES

- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- 3 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 4 Maximum tilt is 90° above horizontal.
- 5 It may be ordered as an accessory.
- 6 Requires MVOLT or 347V.
- 7 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
- 8 Requires 120V, 208V, 240V, 277V or 347V.
- 9 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.

- 10 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- 11 Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- 12 Must be ordered with PIRHN.
- 13 Requires MVOLT or HVOLT.
- 14 Must be ordered with NLTAR2. For additional information on PIRHN visit [here](#).
- 15 Must be ordered with fixture for factory pre-drilling.
- 16 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

## External Shields



House Side Shield



External Glare Shield

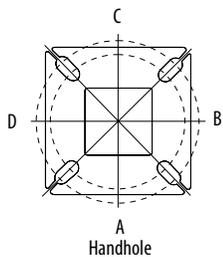


External 360 Full Visor

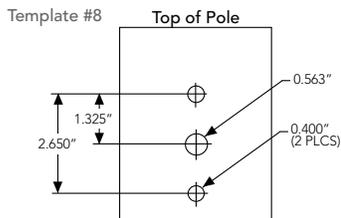
## Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

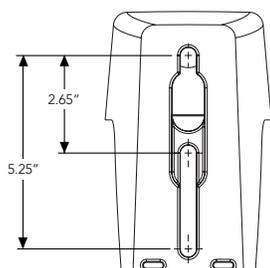
### HANDHOLE ORIENTATION



### RSX POLE DRILLING



### RSX STANDARD ARM & ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

### Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
#8	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

### RSX1 - Luminaire EPA

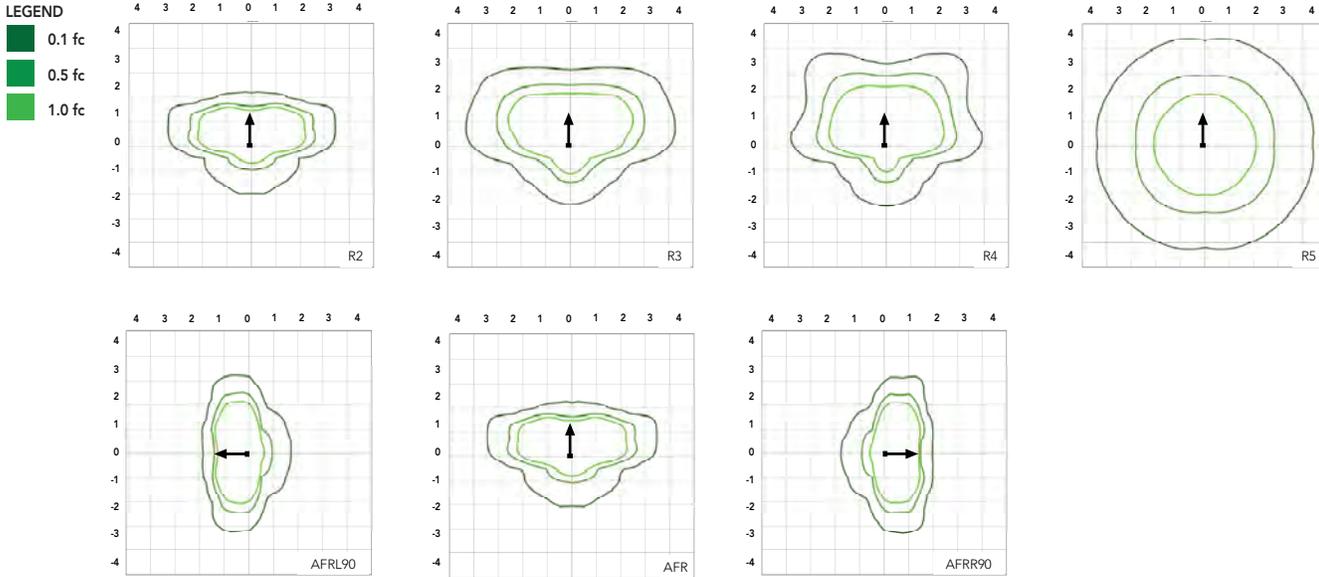
\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side	
SPA - Square Pole Adaptor	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26	
RPA - Round Pole Adaptor	0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36	
MA - Mast Arm Adaptor	0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1	
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97	

# Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

### Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

### Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

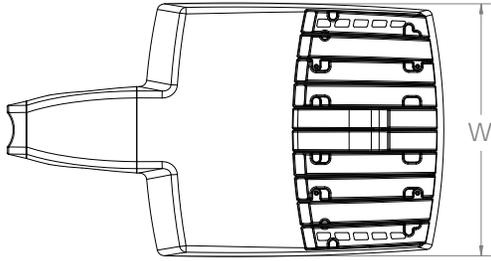
Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

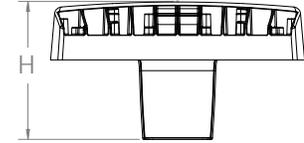
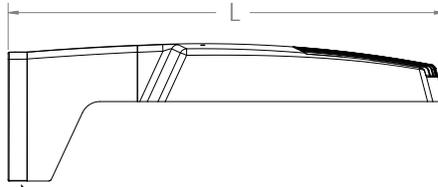
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

## Dimensions

### RSX1 with Round Pole Adapter (RPA)



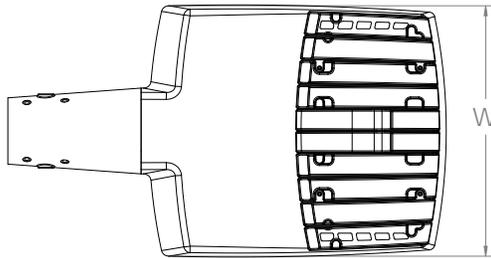
Length: 22.8" (57.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.2" (18.4 cm) Arm



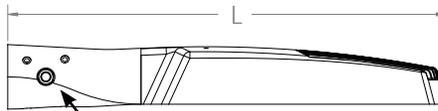
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



### RSX1 with Mast Arm Adapter (MA)

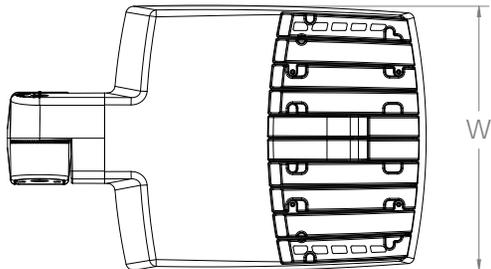


Length: 23.2" (59.1 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 3.5" (8.9 cm) Arm

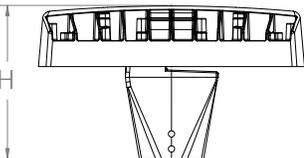
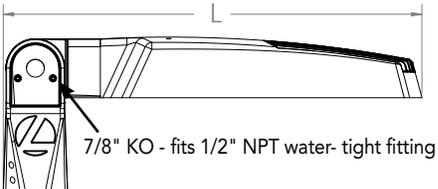


7/16" locking thru bolt/nut provided

### RSX1 with Adjustable Slipfitter (IS)



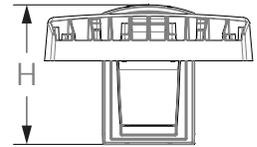
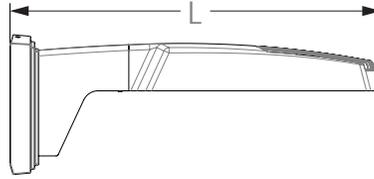
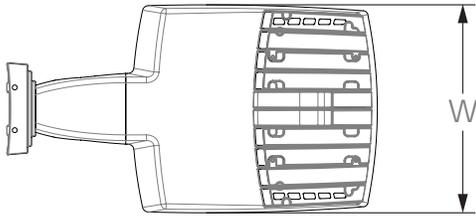
Length: 20.7" (52.7 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 7.6" (19.3 cm) Arm



7/8" KO - fits 1/2" NPT water-tight fitting

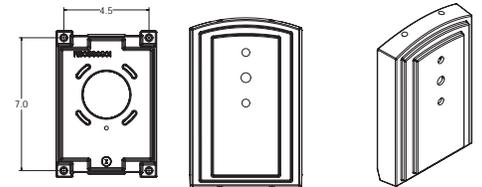
## Dimensions

### RSX1 with Wall Bracket (WBA)

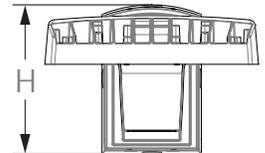
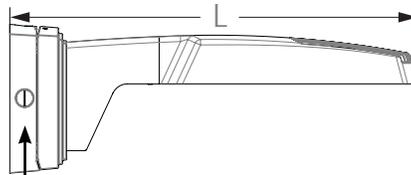
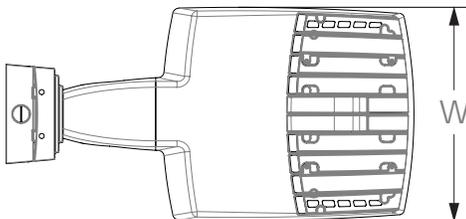


Length: 23.6" (59.9 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 8.9" (22.6 cm) Arm

#### Wall Bracket (WBA) Mounting Detail



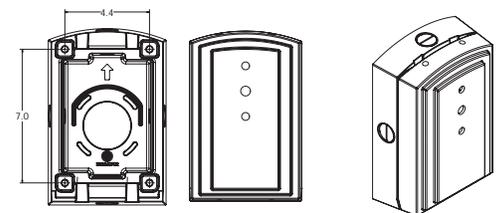
### RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

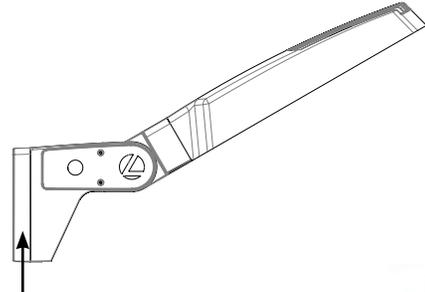
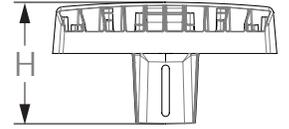
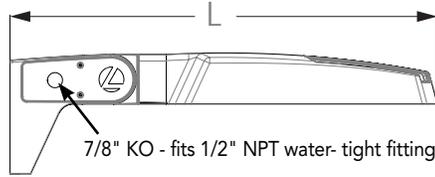
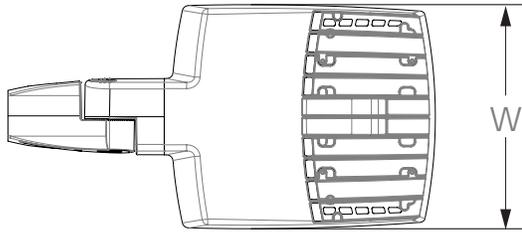
Length: 25.3" (64.3 cm)  
 Width: 13.3" (33.8 cm)  
 Height: 3.0" (7.6 cm) Main Body  
 9.2" (23.4 cm) Arm

#### Surface Conduit Box (SCB) Mounting Detail



## Dimensions

### RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



**NOTE:**  
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



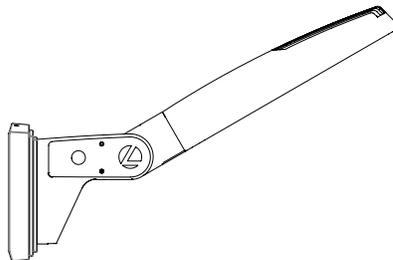
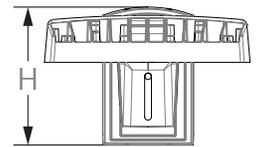
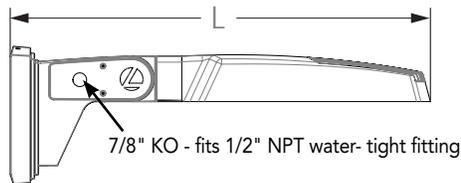
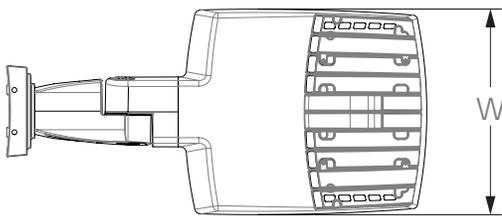
Length: 25.3" (65.3 cm) **AASP**  
26.3" (66.8 cm) **AARP**  
Width: 13.3" (33.8 cm)  
Height: 3.0" (7.6 cm) Main Body  
7.2" (18.2 cm) Arm

#### Notes

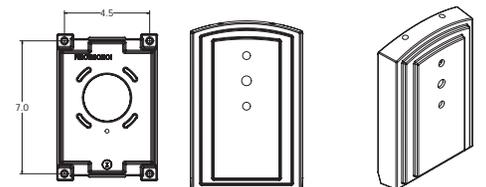
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

### RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



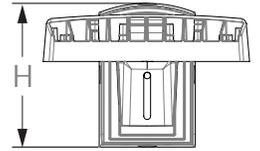
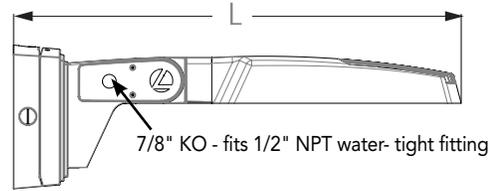
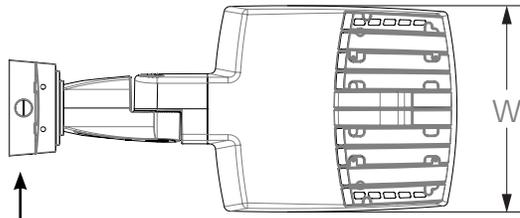
#### Wall Bracket (WBA) Mounting Detail



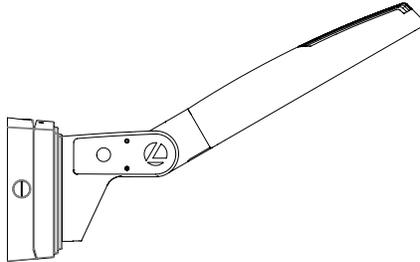
Length: 27.1" (68.8 cm)  
Width: 13.3" (33.8 cm)  
Height: 3.0" (7.6 cm) Main Body  
8.9" (22.6 cm) Arm

## Dimensions

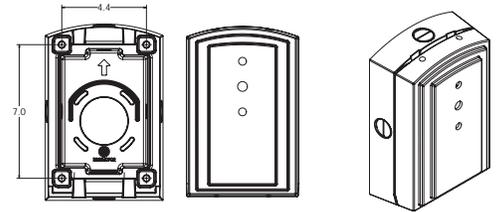
### RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps  
with plugs - Qty (4)  
provided

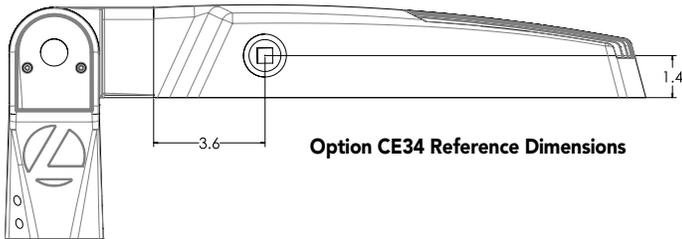


### Surface Conduit Box (SCB) Mounting Detail



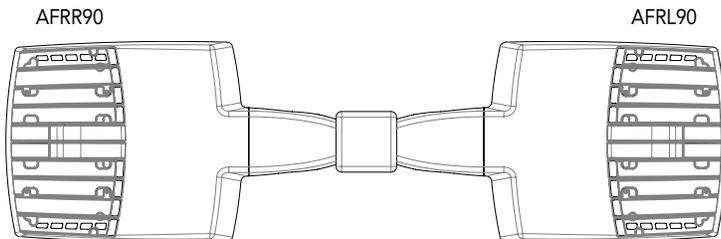
Length: 28.8" (73.2 cm)  
Width: 13.3" (33.8 cm)  
Height: 3.0" (7.6 cm) Main Body  
9.2" (23.4 cm) Arm

### Additional Reference Drawings

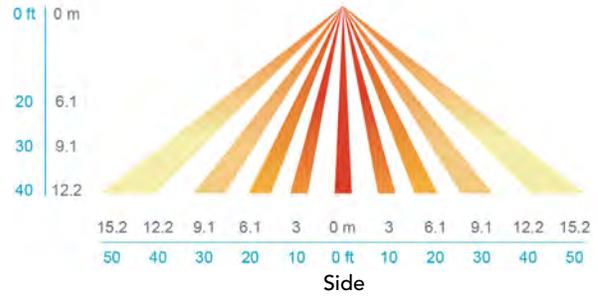
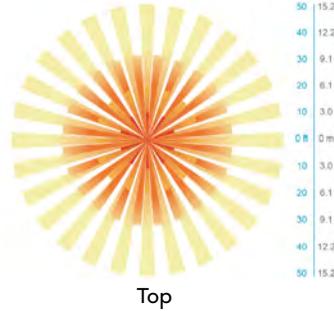
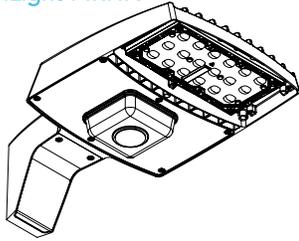


Option CE34 Reference Dimensions

### Automotive Front Row - Rotated Optics (AFRL90/R90)



## PIRHN nLight Sensor Coverage Pattern



Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

\*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App.

## FEATURES & SPECIFICATIONS

### INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

### CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for a 1.5 G vibration load per ANSI C136.31. WITH Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

### OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

### nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

### INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

### LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/resources/terms-and-conditions](http://www.acuitybrands.com/resources/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

# WST LED

## Wall Mount Luminaire

### A New Standard for Building Mount Solutions!

Whether you are trying to meet specification, code, or seeking a building mount solution with the right options, the WST LED is your go-to solution delivering a visually comfortable lighting experience. The WST LED offers the optics and lumens you need, combined with a comprehensive variety of battery backup, controls, and other options to meet your specification or building code.

#### Optics with Visual Comfort

- Two optic types; a wide distribution and forward throw with three lumen packages ranging from 1,500 to 6,600 lumens
- Superior luminaire design delivers visually comfortable lighting by providing low glare without pixilation
- Excellent uniformity allows for increased spacing, substantially lowering the overall cost of your project

#### Comprehensive Options: Battery, Controls, and More

- Industry-leading, comprehensive selection of emergency battery backup solutions for every application type and climate, including remote emergency options
- The widest variety of control options providing site-wide monitoring and control increases your energy savings even further
- Dual switching and a complete selection of battery and controls options aid in ensuring code compliance

#### DLC Qualified

DesignLights Consortium® Premium qualified, which makes the WST LED eligible for utility rebates and can help improve project ROI.



#### Quick Facts

- Replaces 50W - 250W metal halide wallpacks
- Lumen packages from 1,500 - 6,600 lumens
- Up to 140 LPW
- Input watts from 12W - 58W
- Two optic types: wide distribution and forward throw
- 2700K CCT, 3000K CCT, 4000K CCT, and 5000K CCT
- Weight: 20 lbs.

# WST LED

## Ordering Information

Example: WST LED P2 40K VW MVOLT PBBW PIR DDBTXD

### WST LED

Series	Performance Package	Color temperature	Distribution	Voltage	Mounting	Options	Finish (required)	
WST LED	P1	1,500 Lumen package	VF Visual comfort forward throw	MVOLT	Shipped included (blank) Surface mounting bracket	PE	DDBXD Dark bronze	
	P2	3,000 Lumen package		120		PER		DBLXD Black
	P3	6,000 Lumen package		208		PERS		DNAXD Natural aluminum
			VW Visual comfort wide	240	Shipped separately	PER7	DWHXD White	
				277		PIR	DSSXD Sandstone	
				347		PIR1FC3V	DDBTXD Textured dark bronze	
				480	BBW	Surface-mounted back box	DBLBXD Textured black	
					PBBW	Premium surface-mounted back box	DNATXD Textured natural aluminum	
					LCE	Left side conduit entry	DWHGXD Textured white	
					RCE	Right side conduit entry	DSSTXD Textured sandstone	
						SF	Single fuse (120, 277, 347V)	
						DF	Double fuse (208, 240, 480V)	
						DS	Dual switching	
						E7WH	Emergency battery backup (7W)	
						E7WC	Emergency battery backup (cold, 7W)	
						E7WHR	Remote emergency battery backup (remote 7W)	
						E20WH	Emergency battery backup (20W)	
						E20WC	Emergency battery backup (cold, 20W)	
						E23WHR	Remote emergency battery backup (remote 20W)	
						Shipped separately		
						RBPW	Retrofit back plate	
						VG	Vandal Guard	
						WG	Wire Guard	

### Battery Options

- Standard emergency battery backup options; low power (7W) or high power (20W)
- Cold weather emergency battery backup options for -20° to 60° operating temperature (low or high power)
- Remote emergency battery backup (standard, high power)



WST LED

### Controls Options

- Photoelectric cell, button type
- NEMA three, five, and seven-wire twist-lock receptacle (receptacle only)
- Motion/ambient sensor, for 8-15' and 15-30' mounting height
- 180° motion/ambient light sensor, 15-30' mounting height



NEMA Twist-Lock Receptacle

### Other Options

- Premium surface-mounted back box
- Surface-mounted back box
- Retrofit back plate



Premium Back Box

WST LED			
Model	Input Watts	Lumens	Metal Halide Replacement
WST LED P1 40K VW	12W	1,660	70W
WST LED P2 40K VW	25W	3,512	150W
WST LED P3 40K VW	50W	6,691	250W



\*DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**Please use the spec sheet at [www.acuitybrands.com](http://www.acuitybrands.com) when ordering to ensure component compatibility for your desired configuration.**

Visit [www.lithonia.com](http://www.lithonia.com) for more information.

**The Royal Palm Hotel**  
Window and Door Photo Key



**EAST ELEVATION (PARK AVE)**  
SCALE: 1/8" = 1'-0"

**CONSTRUCTION KEYNOTES** ###

- 200 REMOVE AND REPLACE CORRODED BRICK RELIEF ANGLE. SEE DETAIL X/SXXX.
- 203 REPLACE STONE.
- 204 CAREFULLY DETACH EXISTING METAL GUARDRAILS. CLEAN WITH GENTLEST MEANS POSSIBLE TO ACHIEVE SATISFACTORY RESULTS. INSPECT FOR DAMAGE AND REPAIR AS REQUIRED TO MAKE SECURE. RE-PAINT GUARD RAIL WITH COMPATIBLE COLOR AND RE-INSTALL.
- 209 REPLACE EXISTING FABRIC CANOPY AT HOTEL ENTRY. HOTEL SIGNAGE APPLIED AT FACE AND SIDES. SIDEWALK LIGHTING.
- 210 CAREFULLY DETACH EXISTING METAL FLAGPOLE. CLEAN WITH GENTLEST MEANS POSSIBLE TO ACHIEVE SATISFACTORY RESULTS. INSPECT FOR DAMAGE AND REPAIR AS REQUIRED TO MAKE SECURE. RE-PAINT FLAGPOLE WITH COMPATIBLE COLOR AND RE-INSTALL.
- 211 NEW RESTAURANT ENTRANCE METAL CANOPY, BLACK. UP/DOWN LIGHTING.
- 212 RESTORE AND REPLACE NON-HISTORIC WALL SCONCES.
- 214 HISTORIC LOCATION OF ENTRY AND BLADE SIGN. DELAYED SUBMITTAL FOR SIGNAGE PERMIT.
- 215 REMOVE EXISTING NON-HISTORIC PLANTER BOXES PRIOR TO MASONRY RESTORATION. RESTORE ALL SURROUNDING MASONRY AND BAY WINDOWS. RE-CONSTRUCT PLANTER BOXES TO MATCH EXISTING. SEE DETAIL X/AXXX.
- 216 NEW HOTEL BRAND PLAQUE "X" X "X".
- 217 NEW DOORS AND HARDWARE TO EMULATE HISTORIC PROFILE.
- 220 HOTEL PARKING DIRECTIONAL SIGNAGE AS ALLOWED BY HDC/SHPD/NPS.
- 222 PARKING FENCE - SANDBLAST AND PAINT BLACK.

**EXTERIOR ELEVATION MATERIAL LEGEND**

PNT-1	PAINT - 01	MTL-1	METAL - 01
PNT-2	PAINT - 02	BRK-2	BRICK - 01
PNT-3	PAINT - 03	STNE-3	STONE - 01

**RESTORATION GENERAL NOTES**

- A. ALL ELEVATIONS SHALL UNDERGO COMPLETE BRICK, STONE, AND TERRA COTTA CLEANING FROM PARAPET TO GRADE. SEE MASONRY CLEANING SPECIFICATION SECTIONS FOR DETAILS ON APPROVED CLEANING PROCEDURES, PRODUCTS, AND MANUFACTURERS.
- B. CLEAN FACADE USING GENTLEST MEANS POSSIBLE TO ACHIEVE SATISFACTORY RESULTS WITHOUT CHANGING THE SURFACE OF THE MASONRY. PAY SPECIAL ATTENTION TO AREAS OF EXCESSIVE SOILING. CONTRACTOR SHALL CONDUCT TEST PATCHES TO ENSURE THE BEST AND MOST ECONOMICAL MEANS OF CLEANING. ALL MASONRY AND TERRA COTTA CLEANING SHALL MEET THE SECRETARY OF INTERIOR STANDARDS FOR REHABILITATION AS WELL AS ALL APPLICABLE NATIONAL PARK SERVICE TECHNICAL BRIEFS. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL SURROUNDING AREAS.
- C. CLEAN ALL STONE THAT IS TO REMAIN & LET WEATHER FOR TWO WEEKS BEFORE ANY REPLACEMENT OR PATCHING IS TO OCCUR - REPLACEMENT STONE & PATCHED AREAS TO MATCH EXIST' CLEANED' COLOR
- D. RESTORATION CONTRACTOR SHALL INSPECT ALL EXISTING MASONRY, INCLUDING BOTH SIDES OF PARAPET FULL HEIGHT, FOR STRUCTURAL STABILITY PRIOR TO BID. REINSPECT AFTER INITIAL CLEANING OF MASONRY.
- E. REPLACE/RESET LOOSE MASONRY UNITS AND TUCKPOINT DAMAGED MORTAR JOINTS AS REQUIRED. JOINTS SHALL BE RINSED WITH CLEAN WATER REMOVING DUST AND DEBRIS. IF NECESSARY, RECOMMEND FURTHER REHABILITATION TO ENSURE STABILITY OF EXTERIOR WALL AND PARAPET CONSTRUCTION. SEE MASONRY RESTORATION SPECIFICATIONS FOR DETAILS ON APPROVED RESTORATION PROCEDURES, PRODUCTS, AND MANUFACTURERS. ALL MASONRY RESTORATION WORK SHALL MEET THE SECRETARY OF INTERIOR STANDARDS FOR REHABILITATION AS WELL AS ALL APPLICABLE NATIONAL PARK SERVICE TECHNICAL BRIEFS.
- F. INSPECT ALL TERRA COTTA UNITS FOR DAMAGE, SPALLING OR CRAZING.
- G. WHERE TERRA COTTA GLAZING HAS SPALLED AND THE CLAY SUBSTRATE IS IN GOOD CONDITION, COAT RAW CLAY WITH APPROVED BREATHABLE SEALER TO MATCH COLOR OF EXISTING GLAZING.
- H. WHERE TERRA COTTA UNITS HAVE SPALLED SIGNIFICANTLY, PATCH DAMAGED AREAS WITH APPROVED MASONRY REPAIR MORTAR AS REQUIRED BY DEPTH OF DAMAGED AREA. COAT PATCHED AREA WITH APPROVED BREATHABLE SEALER TO MATCH COLOR OF EXISTING GLAZING.
- I. WHERE TERRA COTTA HAS DETERIORATED BEYOND REPAIR, REMOVE AFFECTED TERRA COTTA UNITS AND PROVIDE NEW TERRA COTTA UNITS TO MATCH EXISTING PROFILE, COLOR AND FINISH.
- J. SEE TERRA COTTA RESTORATION SPECIFICATIONS FOR APPROVED RESTORATION PROCEDURES, PRODUCTS, AND MANUFACTURERS. ALL TERRA COTTA RESTORATION WORK SHALL MEET THE SECRETARY OF INTERIOR STANDARDS FOR REHABILITATION AS WELL AS ALL APPLICABLE NATIONAL PARK SERVICE TECHNICAL BRIEFS.
- K. REMOVE ALL VINES FROM ENTIRE BUILDING FACADES.
- L. REMOVE EXISTING WINDOW AIR CONDITIONERS. PROVIDE WINDOW STOPS TO LIMIT OPENING TO LESS THAN 4".
- M. MASONRY/STONE RESTORATION CONTRACTOR ("SUBCONTRACTOR") TO PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, SUPERVISION, PERMITS, AND ANY COSTS OR EXPENSES NECESSARY TO COMPLETE THE WORK. SUBCONTRACTOR JOB MOBILIZATION SHALL INCLUDE, BUT NOT BE LIMITED TO ANY NECESSARY WORK STATION AND JOB TRAILER, MAST CLIMBING PLATFORMS, AERIAL LIFTS, SWING STAGES, BARRICADES AND WALK THROUGH SCAFFOLD AS NEEDED.
- N. BUILDING RESTORATION TO INCLUDE ALL TERMS, CONDITIONS, AND SPECIFICATIONS OF ORIGINAL CONTRACT AND ANY ADDITIONAL WORK NECESSARY TO MEET THE SECRETARY OF THE INTERIOR STANDARDS FOR THE REHABILITATION OF HISTORIC PROPERTIES. THIS INCLUDES ALL WORK NECESSARY OVER AND ABOVE THAT SPECIFIED IN THE ARCHITECTURAL DRAWINGS AND OTHER CONSTRUCTION DOCUMENTS, INCLUDING ALL NOTES, REGARDLESS OF TIME AND MATERIAL NECESSARY TO EXECUTE THIS WORK. ANY AREAS INDICATED WITHIN DRAWINGS ARE ONLY SUGGESTIVE IN NATURE. MASON TO MEET WITH ARCHITECT AND OWNER TO CONFIRM THE SCOPE OF WORK.
- O. SURFACES TO BE PRE-WET WITH CLEAN WATER. CLEANING SOLUTIONS TO NOT REMAIN ON SURFACES FOR MORE THAN 5 MINUTES FOLLOWED IMMEDIATELY BY LOW-PRESSURE FLOOD RINSE, UNO IN MASONRY CLEANING SPECIFICATION. CLEANING IS TO BRING MASONRY/STONE UNIT AS CLOSE AS POSSIBLE TO ORIGINAL COLOR WITHOUT BURNING OR ABRASION.
- P. 100% OF MORTAR JOINTS TO BE VISUALLY INSPECTED. ALL MORTAR JOINTS DETERIORATED IN EXCESS OF 3/8 INCH BEYOND FACE OF MASONRY/STONE UNIT, OR EVIDENCING UNSOUNDNESS OR CRACKING WHETHER STRUCTURAL OR OTHERWISE SHALL BE REMOVED TO A DEPTH OF 1/2" MINIMUM. WRITTEN APPROVAL BY OWNER SHALL BE REQUIRED PRIOR TO COMMENCEMENT OF REPAIR BY SATISFACTORY SUBMISSION OF MOCK-UP OF PROPOSED MORTAR JOINT.
- Q. NEW MORTAR APPLIED TO ALL OPEN JOINTS SHALL BE OF NO GREATER STRENGTH THAN ORIGINAL MORTAR OR MASONRY UNITS. MORTAR COLOR, TEXTURE, CONSISTENCY AND JOINT PROFILE WILL MATCH EXISTING AS CLOSE AS POSSIBLE.
- R. APPLY NEW, TWO COMPONENT URETHANE SEALANT AT ALL JOINTS WHERE DISSIMILAR MATERIALS MEET, AND ALL SKYWARD FACING JOINTS. BACKER ROD TO BE INSTALLED IN OPEN JOINT PRIOR TO SEALANT APPLICATION.
- S. NO ACCELERATORS OR OTHER ADMIXTURES SHALL BE USED WITHOUT PRIOR WRITTEN OWNER APPROVAL. ENCLOSURES AND HEAT SUFFICIENT TO PROTECT MORTAR FROM FREEZING PRIOR TO SET SHALL BE THE SOLE RESPONSIBILITY OF SUBCONTRACTOR.
- T. ANY MASONRY/STONE UNIT SHALL BE REPLACED WITH OWNER APPROVED MATERIAL WHEREIN SPALLING OR OTHER DETERIORATION ELIMINATED MORE THAN 5% OF THE MASONRY/STONE UNIT (MEASURED BY BRICK OR STONE FACE AREA.)

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SD OWNER REVIEW	02-20-19
OWNER REVIEW	02-06-19

Revision \_\_\_\_\_ Date \_\_\_\_\_

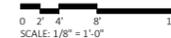
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Project Number 2018069

Sheet Title  
**EXTERIOR ELEVATION**

Sheet Number

**A201**



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**SOUTH ELEVATION (MONTCALM)**  
SCALE: 1/8" = 1'-0"

**CONSTRUCTION KEYNOTES** ###

- 201 EXISTING WALL PAINT TO BE RESTORED WITH NEW TEXT "HOTEL ROYAL PALM". CAREFULLY DETACH EXISTING METAL GUARDRAILS. CLEAN WITH GENTLEST MEANS POSSIBLE TO ACHIEVE SATISFACTORY RESULTS. INSPECT FOR DAMAGE AND REPAIR AS REQUIRED TO MAKE SECURE. RE-PAINT GUARD RAIL WITH COMPATIBLE COLOR AND RE-INSTALL.
- 204 REPLACE EXISTING FABRIC CANOPY AT HOTEL ENTRY. HOTEL SIGNAGE APPLIED AT FACE AND SIDES. SIDEWALK LIGHTING.
- 209 NEW RESTAURANT ENTRANCE METAL CANOPY, BLACK. UP/DOWN LIGHTING.
- 211 RESTORE AND REPLACE NON-HISTORIC WALL SCONCES.
- 212 HISTORIC LOCATION OF ENTRY AND BLADE SIGN. DELAYED SUBMITTAL FOR SIGNAGE PERMIT.
- 215 REMOVE EXISTING NON-HISTORIC PLANTER BOXES PRIOR TO MASONRY RESTORATION. RESTORE ALL SURROUNDING MASONRY AND BAY WINDOWS. RE-CONSTRUCT PLANTER BOXES TO MATCH EXISTING. SEE DETAIL X/XXXX.
- 217 NEW DOORS AND HARDWARE TO EMULATE HISTORIC PROFILE.
- 219 REMOVE EXISTING SECURITY CAMERAS, CONDUITS ETC. PRIOR TO MASONRY RESTORATION.
- 221 RESTAURANT SIGNAGE. OF/CL.
- 222 PARKING FENCE - SANDBLAST AND PAINT BLACK.
- 223 PARKING GATE - SANDBLAST AND PAINT BLACK.
- 224 PARKING SIGNAGE. OF/CL.

**EXTERIOR ELEVATION MATERIAL LEGEND**

PNT-1	PAINT - 01	MTL-1	METAL - 01
PNT-2	PAINT - 02	BRK-2	BRICK - 01
PNT-3	PAINT - 03	STNE-3	STONE - 01

**RESTORATION GENERAL NOTES**

- A. ALL ELEVATIONS SHALL UNDERGO COMPLETE BRICK, STONE, AND TERRA COTTA CLEANING FROM PARAPET TO GRADE. SEE MASONRY CLEANING SPECIFICATION SECTIONS FOR DETAILS ON APPROVED CLEANING PROCEDURES, PRODUCTS, AND MANUFACTURERS.
- B. CLEAN FACADE USING GENTLEST MEANS POSSIBLE TO ACHIEVE SATISFACTORY RESULTS WITHOUT CHANGING THE SURFACE OF THE MASONRY. PAY SPECIAL ATTENTION TO AREAS OF EXCESSIVE SOILING. CONTRACTOR SHALL CONDUCT TEST PATCHES TO ENSURE THE BEST AND MOST ECONOMICAL MEANS OF CLEANING. ALL MASONRY AND TERRA COTTA CLEANING SHALL MEET THE SECRETARY OF INTERIOR STANDARDS FOR REHABILITATION AS WELL AS ALL APPLICABLE NATIONAL PARK SERVICE TECHNICAL BRIEFS. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL SURROUNDING AREAS.
- C. CLEAN ALL STONE THAT IS TO REMAIN & LET WEATHER FOR TWO WEEKS BEFORE ANY REPLACEMENT OR PATCHING IS TO OCCUR. REPLACEMENT STONE & PATCHED AREAS TO MATCH EXIST CLEANED COLOR.
- D. RESTORATION CONTRACTOR SHALL INSPECT ALL EXISTING MASONRY, INCLUDING BOTH SIDES OF PARAPET FULL HEIGHT, FOR STRUCTURAL STABILITY PRIOR TO BID. REINSPECT AFTER INITIAL CLEANING OF MASONRY.
- E. REPLACE/RESET LOOSE MASONRY UNITS AND TUCKPOINT DAMAGED MORTAR JOINTS AS REQUIRED. JOINTS SHALL BE RINSED WITH CLEAN WATER REMOVING DUST AND DEBRIS. IF NECESSARY, RECOMMEND FURTHER REHABILITATION TO ENSURE STABILITY OF EXTERIOR WALL AND PARAPET CONSTRUCTION. SEE MASONRY RESTORATION SPECIFICATIONS FOR DETAILS ON APPROVED RESTORATION PROCEDURES, PRODUCTS, AND MANUFACTURERS. ALL MASONRY RESTORATION WORK SHALL MEET THE SECRETARY OF INTERIOR STANDARDS FOR REHABILITATION AS WELL AS ALL APPLICABLE NATIONAL PARK SERVICE TECHNICAL BRIEFS.
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- K. REMOVE ALL VINES FROM ENTIRE BUILDING FACADES.
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- M. MASONRY/STONE RESTORATION CONTRACTOR ("SUBCONTRACTOR") TO PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, SUPERVISION, PERMITS, AND ANY COSTS OR EXPENSES NECESSARY TO COMPLETE THE WORK. SUBCONTRACTOR JOB MOBILIZATION SHALL INCLUDE, BUT NOT BE LIMITED TO ANY NECESSARY WORK STATION AND JOB TRAILER, MAST CLIMBING PLATFORMS, AERIAL LIFTS, SWING STAGES, BARRICADES AND WALK THROUGH SCAFFOLD AS NEEDED.
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- O. SURFACES TO BE PRE-WET WITH CLEAN WATER. CLEANING SOLUTIONS TO NOT REMAIN ON SURFACES FOR MORE THAN 5 MINUTES FOLLOWED IMMEDIATELY BY LOW-PRESSURE FLOOD RINSE, UNO IN MASONRY CLEANING SPECIFICATION. CLEANING IS TO BRING MASONRY/STONE UNIT AS CLOSE AS POSSIBLE TO ORIGINAL COLOR WITHOUT BURNING OR ABRASION.
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- R. APPLY NEW, TWO COMPONENT URETHANE SEALANT AT ALL JOINTS WHERE DISSIMILAR MATERIALS MEET, AND ALL SKYWARD FACING JOINTS. BACKER ROD TO BE INSTALLED IN OPEN JOINT PRIOR TO SEALANT APPLICATION.
- S. NO ACCELERATORS OR OTHER ADMIXTURES SHALL BE USED WITHOUT PRIOR WRITTEN OWNER APPROVAL. ENCLOSURES AND HEAT SUFFICIENT TO PROTECT MORTAR FROM FREEZING PRIOR TO SET SHALL BE THE SOLE RESPONSIBILITY OF SUBCONTRACTOR.
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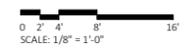
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DD BRAND REVIEW	10-09-19
SD BRAND REVIEW	09-06-19
SD OWNER REVIEW	02-20-19
OWNER REVIEW	02-06-19

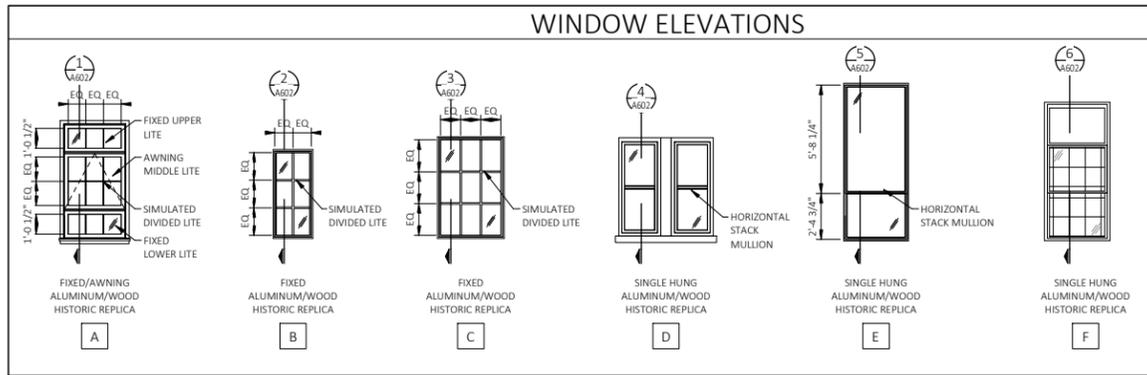
Revision	Date
Date	
Project Number	2018069
Sheet Title	<b>EXTERIOR ELEVATION</b>
Sheet Number	<b>A202</b>







A600 - WINDOW SCHEDULE								
MARK	HEIGHT	WIDTH	ELEVATION	FRAME MATL INT	FRAME MATL EXT	FINISH INT	GLASS TYPE	COMMENTS
A	6'-0"	3'-3"	A202, A204					
B	4'-8"	2'-1"	A203					
C	5'-4"	3'-6"	A203					
D	5'-1 7/8"	4'-11 5/8"	A204					
E	8'-3"	3'-5"	A204					



**GENERAL NOTES**

- WINDOWS TO HAVE OPERABLE SASHES. PROVIDE RESTRICTORS FOR ALL WINDOWS, ALLOW 4" OPENING ON WINDOWS AT FLOORS 3 - 14 AND 0" OPENING (FULL LENGTH RESTRICTORS) ON WINDOWS AT FLOORS 2 AND 3.
- PROVIDE IN-GLASS SPACERS AT ALL MUNTINS.
- WINDOW TYPE B TO HAVE ARCHED TOP FRAME, GLASS PANEL TO FOLLOW CURVE.

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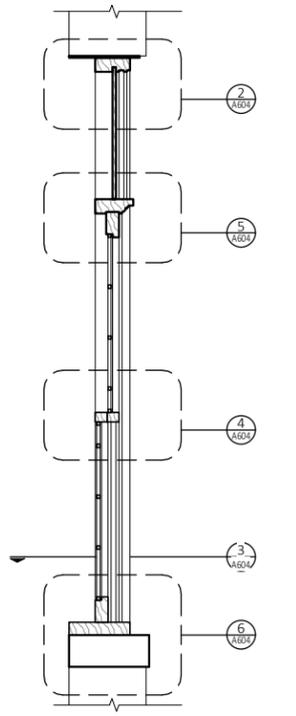
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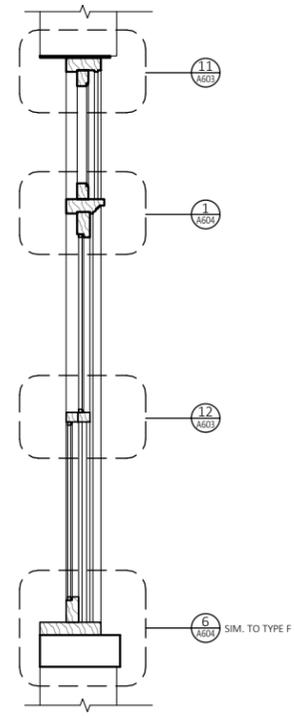
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DD BRAND REVIEW	10-09-19
Revision	Date
Date	
Project Number	2018069
Sheet Title	WINDOW SCHEDULE & DETAILS
Sheet Number	

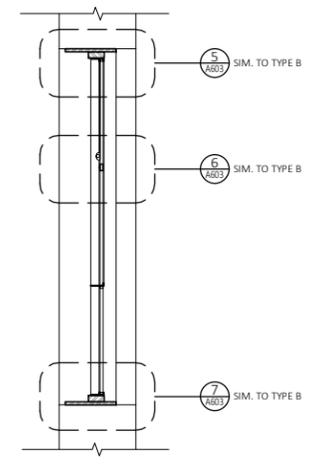
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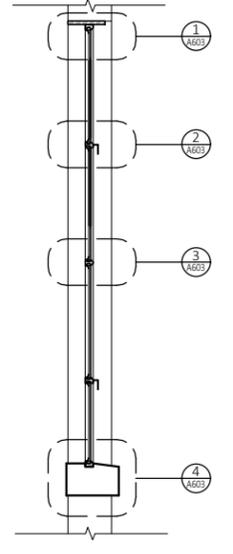
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 A602 SCALE: 1" = 1'-0"  
 REFERENCE LOCATIONS: A602



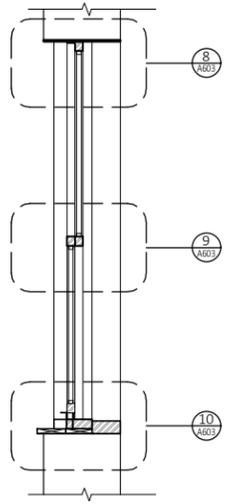
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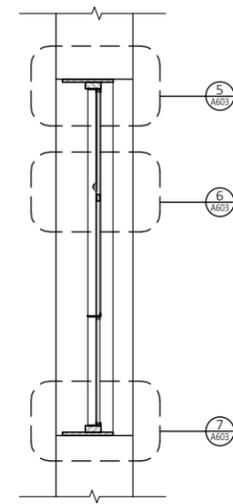
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 A602 SCALE: 1" = 1'-0"  
 REFERENCE LOCATIONS: A102



**1 WINDOW TYPE A SECTION**  
 A602 SCALE: 1" = 1'-0"  
 REFERENCE LOCATIONS: A431



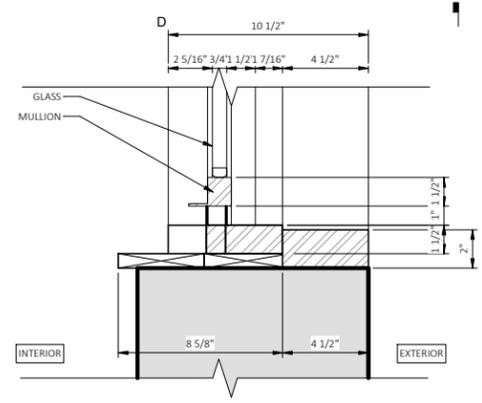
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 REFERENCE LOCATIONS: A104



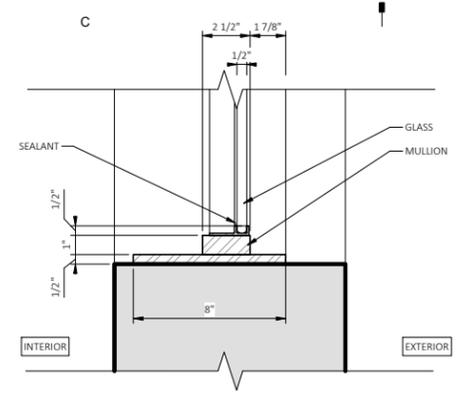
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 A602 SCALE: 1" = 1'-0"  
 REFERENCE LOCATIONS: A104

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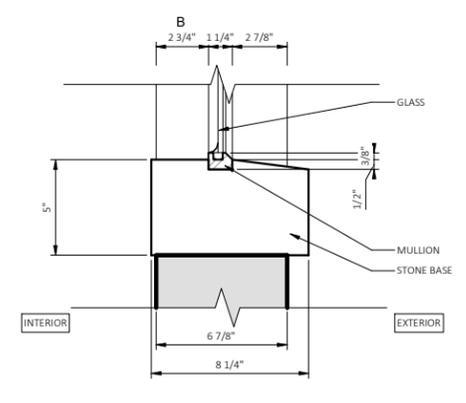
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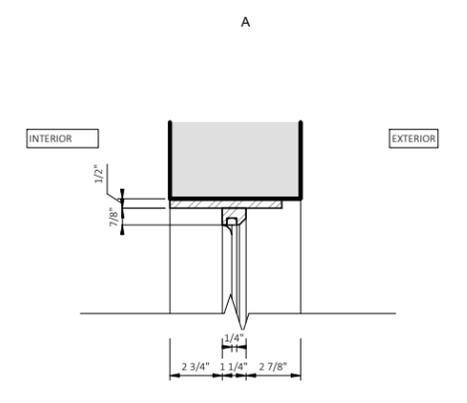
**10 WINDOW D SILL - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



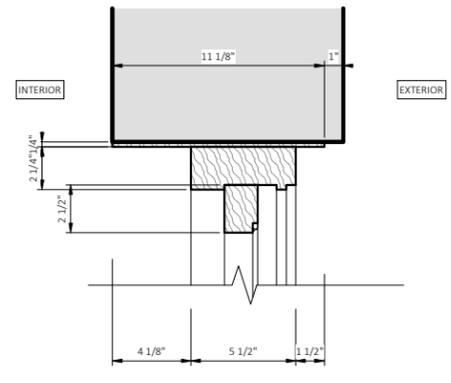
**7 WINDOW B SILL - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



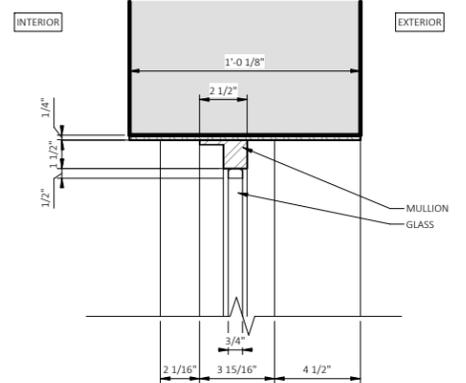
**4 WINDOW A SILL - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



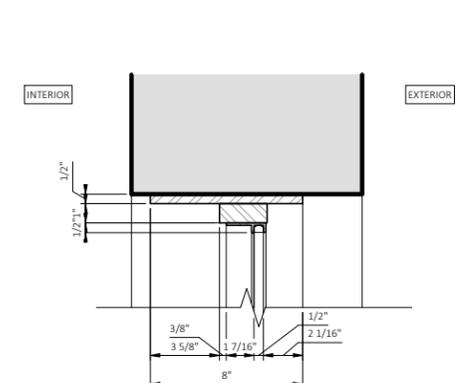
**1 WINDOW A HEAD - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



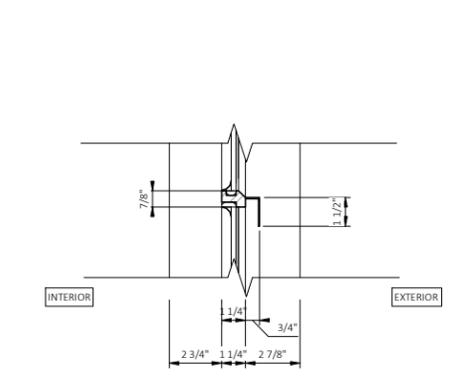
**11 SDET-DIV08-WINDOW E HEAD**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



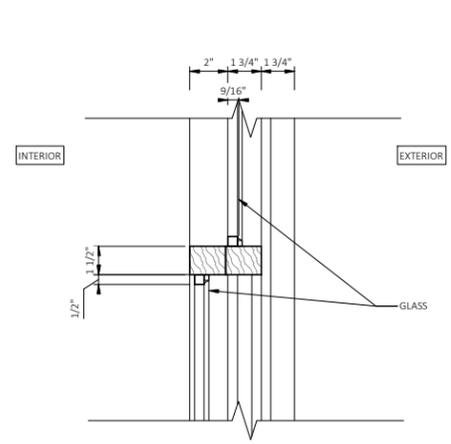
**8 WINDOW D HEAD - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



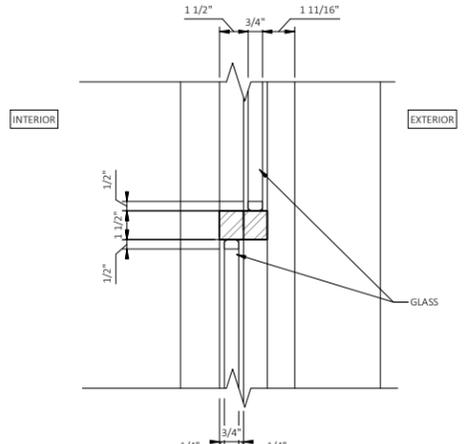
**5 WINDOW B HEAD - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



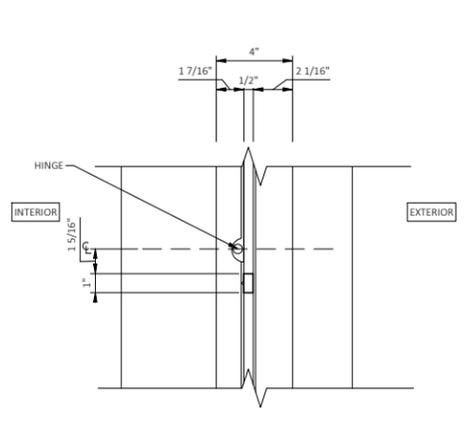
**2 WINDOW A TRANSOM - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



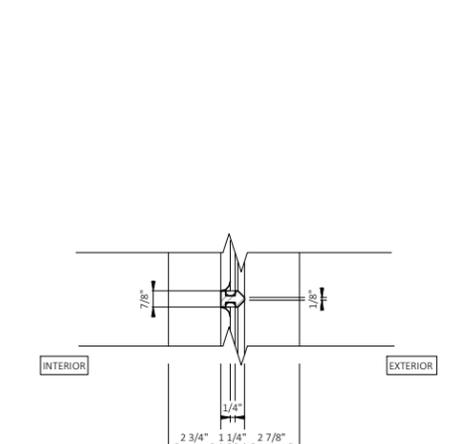
**12 SDET-DIV08-WINDOW E MEETING RAILS**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



**9 WINDOW D MEETING RAIL - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



**6 WINDOW B HINGE - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602



**3 WINDOW A HINGE - EXISTING**  
 A603 SCALE: 3" = 1'-0"  
 REFERENCE LOCATIONS: A602

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CD REVIEW	12-16-19
Revision	Date
Date	
Project Number	2018069
Sheet Title	<b>WINDOW DETAILS</b>
Sheet Number	

**A603**



October 28, 2019

Ms. Jennifer Ross  
City of Detroit  
Historic District Commission  
2 Woodward Avenue  
Suite 808  
Detroit, Michigan 48226

RE: Royal Palm Hotel - HDC Submission

Dear Ms. Ross:

Kraemer Design Group (KDG) is writing to submit information to the Detroit Historic District Commission (HDC), on behalf of Midwest Lodging Group regarding the proposed rehabilitation of the Royal Palm Hotel (RPH) located at 2305 Park Avenue. The proposed exterior work at the RPH will include: masonry cleaning and restoration of the exterior; removal of the flowerboxes below each storefront bay window on the ground level; new flowerboxes replaced at each storefront bay window; new exterior doors; new canopies over both the Montcalm entrance and the Park Avenue entrance; new signage in keeping in character with the historic signage; cleaning and repair of the iron and metal railings and flagpoles; and new windows in a few, select locations; new roofing and new rooftop mechanical equipment; and new exterior lighting.

The Royal Palm Hotel was constructed in 1925 for local hotel magnate Lew Tuller. Built at a time when Detroit was experiencing explosive growth, the Royal Palm Hotel was part of a grandiose plan on the part of Tuller and other Detroit builders to duplicate the character and real estate market of New York City. Designed by Louis Kamper the Royal Palm Hotel contains thirteen floors and is faced primarily in orange brick on the two primary facades (east and south) and beige brick on the two secondary facades (west and north). The building exhibits the typical high-rise arrangement of a vast expanse of plain brick, punctuated by window openings and—on the Park and Montcalm facades—is relieved by decorative Italian Renaissance-inspired detailing. Limestone is used on the east and south facades on the lower two floors while stone detailing appears around the paired windows on third floor and on the upper two floors. Iron railings appear at the paired windows on the twelfth floor and at the fifth floor in the central bay. The center window on the third floor of the Park Avenue façade has a console-supported stone balconette with an iron railing. There is an elaborate cornice made of glazed terra cotta that runs from the Montcalm façade around to the Park Avenue façade and turns the corner onto the north façade, terminating after one bay on the north façade. The west façade lacks the cornice entirely although the orange brick wraps the corner onto the west façade and runs for one bay—the remainder of the west façade is faced in beige brick.

Originally, the building contained 15 hotel rooms on each floor although the layout has been altered on some floors since then. The Royal Palm Hotel has two primary facades along Park Avenue and Montcalm with the two secondary facades facing onto two parking lots, one to the north and one to the west. The building is currently vacant awaiting remodel, and both restaurant spaces on the ground floor are also vacant.

The following is a detailed description of the proposed work and its historic implications:

#### Masonry Restoration

The brick, terra cotta, and limestone masonry on the exterior of the building are all in good condition overall. The masonry will be cleaned and inspected for damage. All damaged, deteriorating, or spalling masonry units are to be removed and replaced with new material to match original units. Missing units are to be replaced to match the remaining adjacent materials and new brick will match the existing as closely as possible in size, color, texture, and compressive strength. Any salvaged brick will be reused where replacement is needed before new brick is used. The cleaning will be done according to the Secretary of Interior Standards, and NPS Technical Preservation Briefs 1, 2 & 6.

#### 1<sup>st</sup> Floor Storefront Flowerboxes



Currently there are no storefronts on the ground floor as they were replaced with bay windows during a previous renovation by prior owners. Each bay window currently has a large flowerbox under each window unit. These flowerboxes will be removed both to facilitate repair of the masonry façade beneath and to install new flowerboxes that will match the current flowerboxes. The bay windows will remain in place.

#### Exterior Doors

The double doors on the Park Avenue entrance are wood with glazed units with decorative stainless-steel push bars across each door. These doors are not historic and are in fair condition. Above the doors there is a large iron fanlight with metal radiating muntins. The doors from Park Avenue into the main lobby will be replaced within the existing frame with units that complement the historic character of the building without appearing falsely historic. The Town Pump Tavern entry and doors are not historic and thus the doors on Montcalm Street will be replaced with new wood units to complement historic character of the building without appearing falsely historic.

#### Exterior Awning/Canopy

There is a non-historic fabric awning over the Park Avenue entrance that will be removed and replaced with an arched glass and metal unit. The glass and metal canopy above the Montcalm Street entrance will be removed and replaced with a new canopy, made of contemporary materials, to complement the historic character of the building without drawing attention away from the existing historic material or appearing falsely historic. The new Montcalm canopy will be an arched metal frame with black metal panels overhead. Please see the attached drawings for additional details.

#### Exterior Signage

Historically, there was a blade sign on the east façade, right near the southeast corner of the building as well as a hanging blade sign located over the Montcalm entrance. Historically there was painted signage on the brick at the top of the building. Currently there is signage on the awning that covers the main Park Avenue entrance and applied letters at the Montcalm entrance.

This project proposes that signage may be added at: A blade sign on the east façade in the southeast corner of the building and a hanging blade sign on the south façade will both be re-introduced per historic precedence. The signs currently painted on the brick at the top of the building will be repainted to reflect the historic name for the hotel (Royal Palm Hotel). A plaque style sign will be installed on the Park Avenue façade adjacent to the main entry doors. Finally, above the door on Montcalm, there will be revised applied letters with the new Restaurant name.

#### Exterior Metal Railings and Flagpoles

This project will retain all the decorative metal railings and flagpoles. These railings and flagpoles will be retained, cleaned, and painted. Any broken or missing pieces shall be repaired or replaced to match the original as closely as possible.

#### Windows

Nearly all the windows in the building were replaced in 2005 and they are in good condition. The 2005-era windows on floors 2-13 are single-hung aluminum units. The windows that were replaced in 2005 will be cleaned and retained as is.

There are a few areas with older windows that are in poor condition: the windows on the north facade at the 1<sup>st</sup> floor are original and are in poor condition, there are two windows in the previous laundry room space that are boarded over and are in poor condition, and there are a whole column of windows on the west façade that are also in poor condition. Finally, there are currently steel frame windows in the penthouse in very poor condition.

The first-floor storefronts were removed by a previous owner and were replaced with recessed metal bay window units with faux copper hoods; these are in good condition.



The steel windows in the penthouse will be replaced with new aluminum units to complement the historic character of the building. The windows that were not replaced in 2005 will be removed and replaced with units that match the historic windows as closely as possible, these include: the column of windows on the west façade, the two windows in the laundry area (which will become the new fitness area), and the 1<sup>st</sup> floor north facade windows. Note that the replacement windows are all located on secondary facades (the west façade and the north façade).

On the west façade, two new columns of windows are proposed: one column to each side of the center column of existing windows. Please see the attached drawings for additional details.

Finally, several new punched openings are proposed on the west façade to accommodate louvered panels and fans for the venting the mechanical equipment. Please see the attached elevations for details.

The bay window units will be retained, inspected, cleaned, and repaired if necessary.

#### Exterior Roof Scope

The roofing system will be replaced with a new membrane roofing material. The penthouse will be retained and repaired as necessary and new mechanical units will be added to the roof; they will be placed around the penthouse. There will be no roof screen. Please see the attached sightline study regarding the visibility of these rooftop mechanical units.

#### Lighting

There are currently sconces on the building. These will be replaced with new up/down sconces. Historically, the building had gooseneck light fixtures that shone down on the painted signs at the top of the building. It is proposed that these lights will be reintroduced with new gooseneck fixtures—they will be added above the painted signage on the north façade, the west façade and on the south penthouse. New lighting will be added underneath the canopies as well. Please see the attached historic photograph.

The items listed above provide a synopsis of the proposed scope of work for the rehabilitation of the Royal Palm Hotel. Further detail is provided in the attached drawings, photos, and documentation. Please contact Brian Rebain at Kraemer Design Group if you have any further questions.

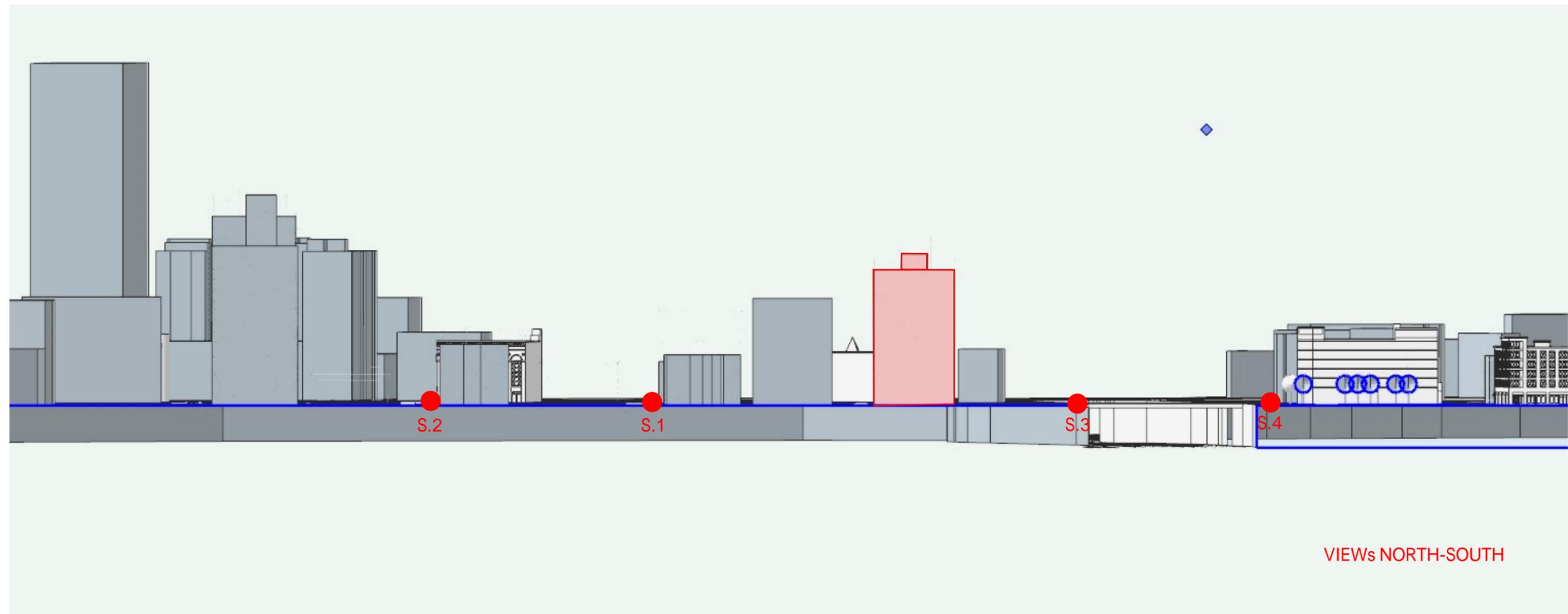
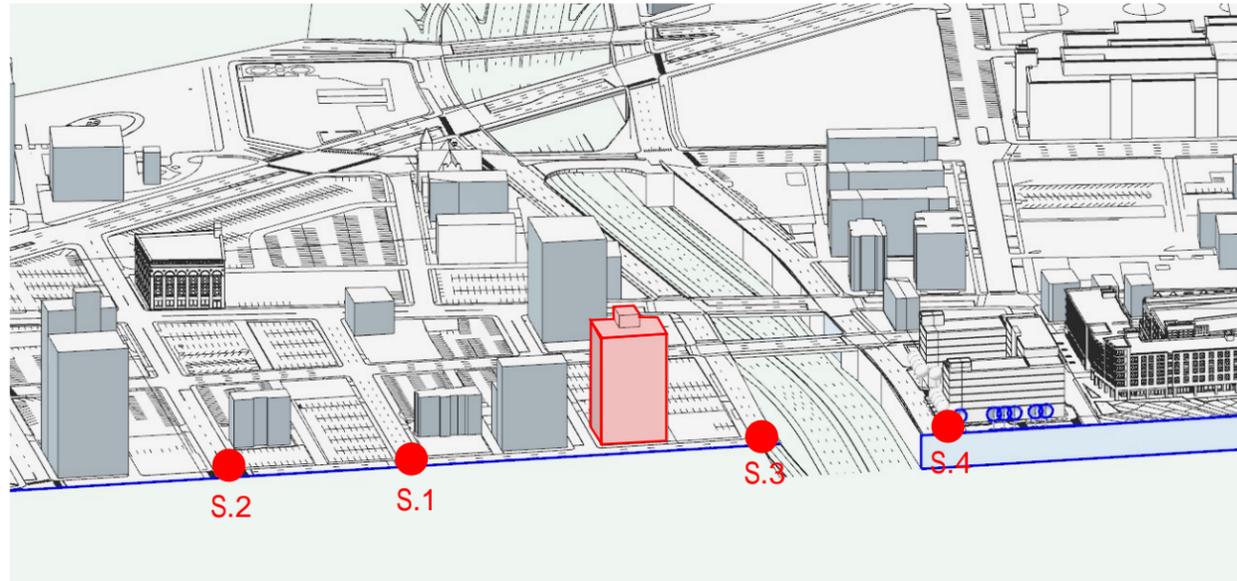
Sincerely,

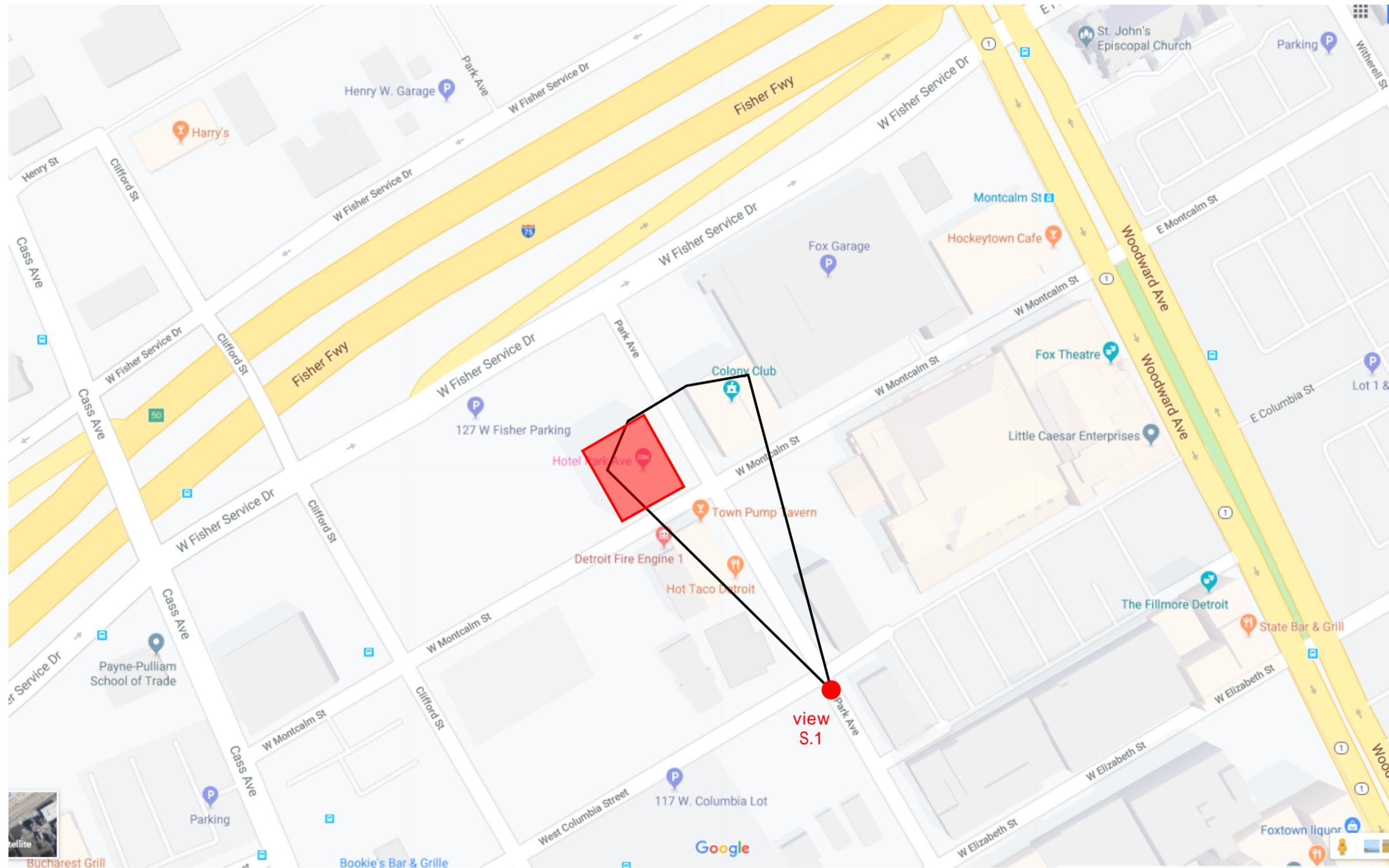
Kraemer Design Group



Brian Rebain  
Principal







VIEW S.1 from Columbia W  
& Park Ave

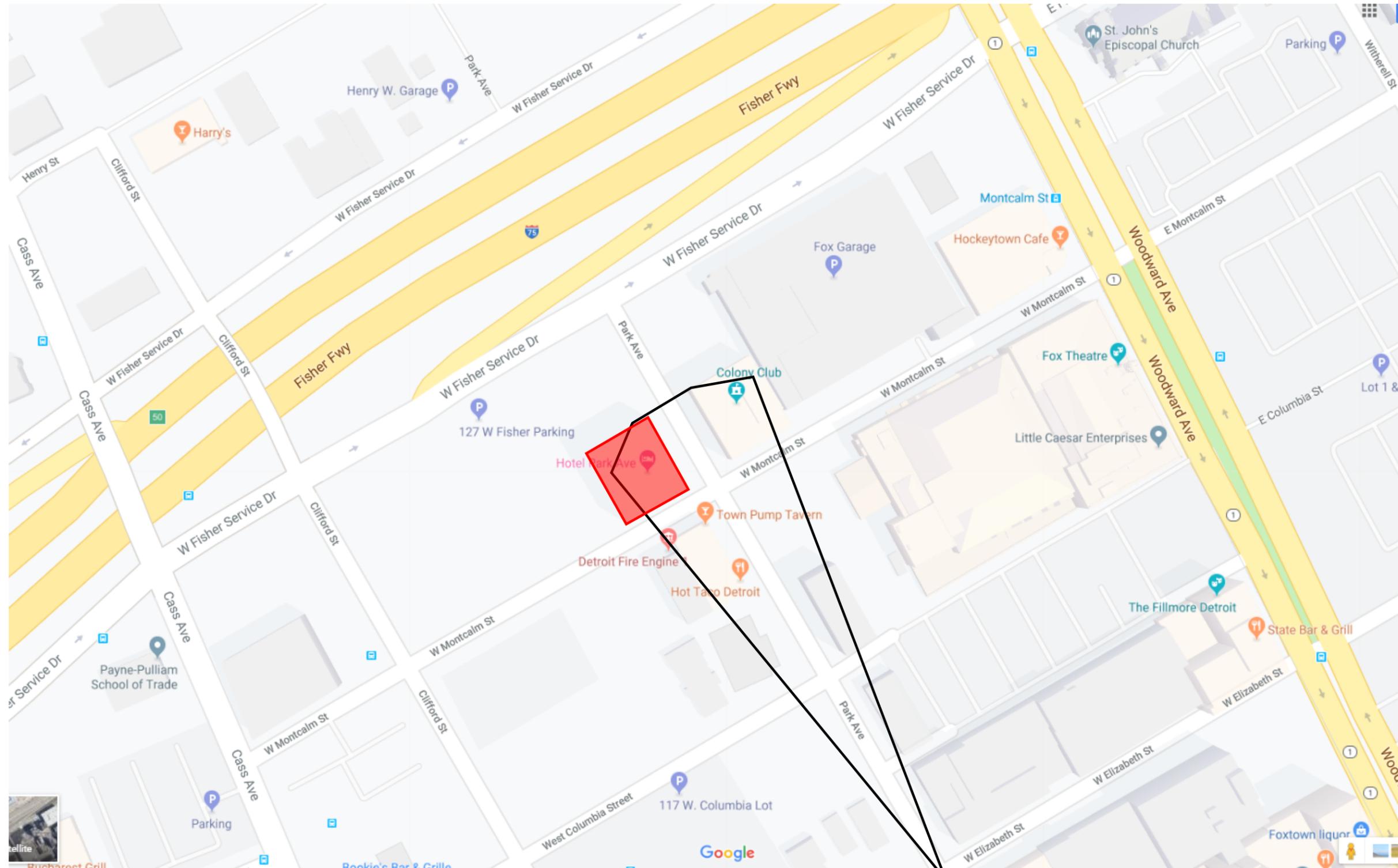




ROOFTOP EQUIPMENT NOT  
VISIBLE FROM THIS ANGLE

VIEW S.1 from Columbia W  
& Park Ave





view  
S.2

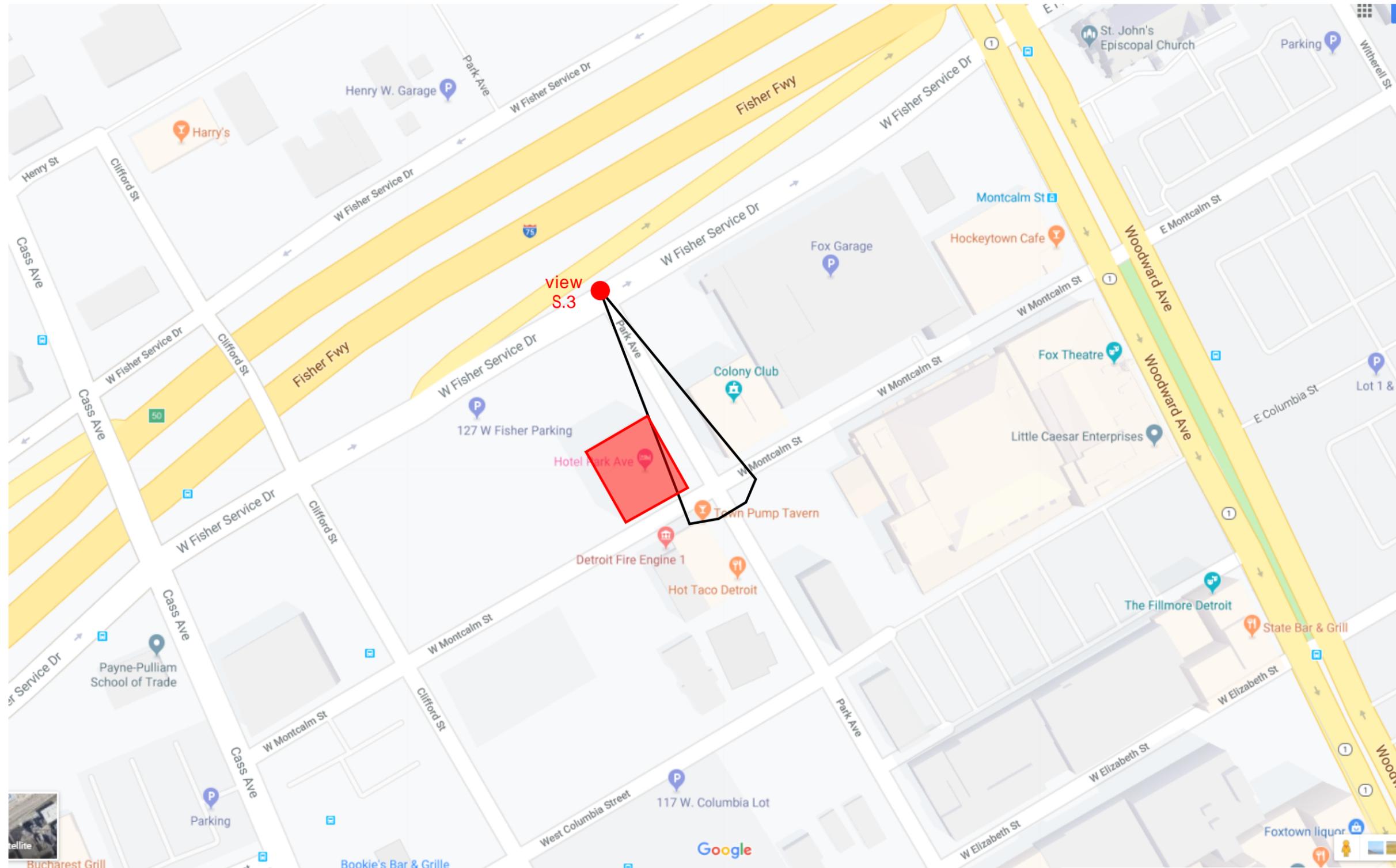
VIEW S.2 from W Elizabeth St  
& Park Ave





VIEW S.2 from W Elizabeth St  
& Park Ave





VIEW S.3 from W Fisher Dr & Park Ave

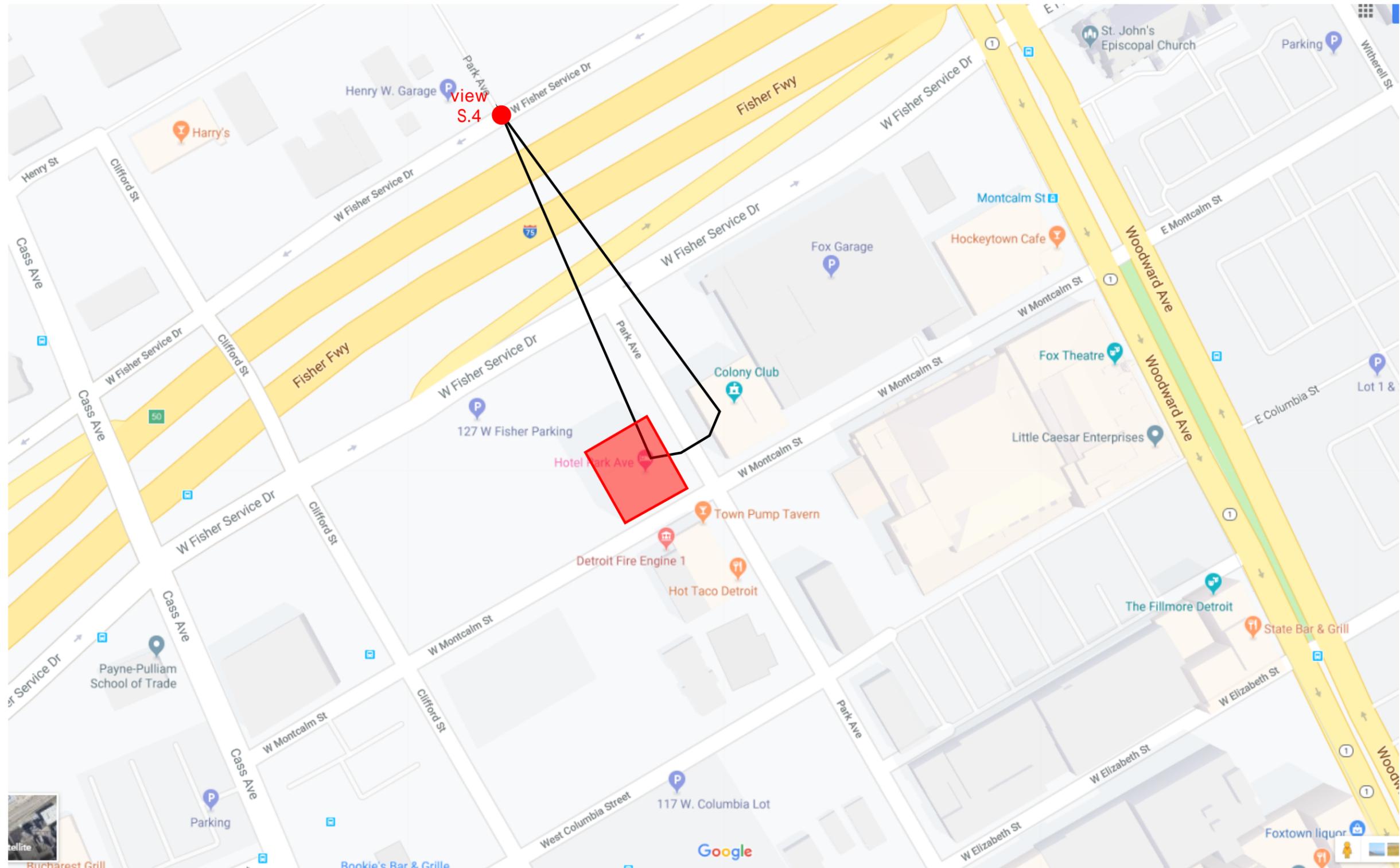




ROOFTOP EQUIPMENT NOT  
VISIBLE FROM THIS ANGLE

VIEW S.3 from W Fisher Service Dr  
& Park Ave





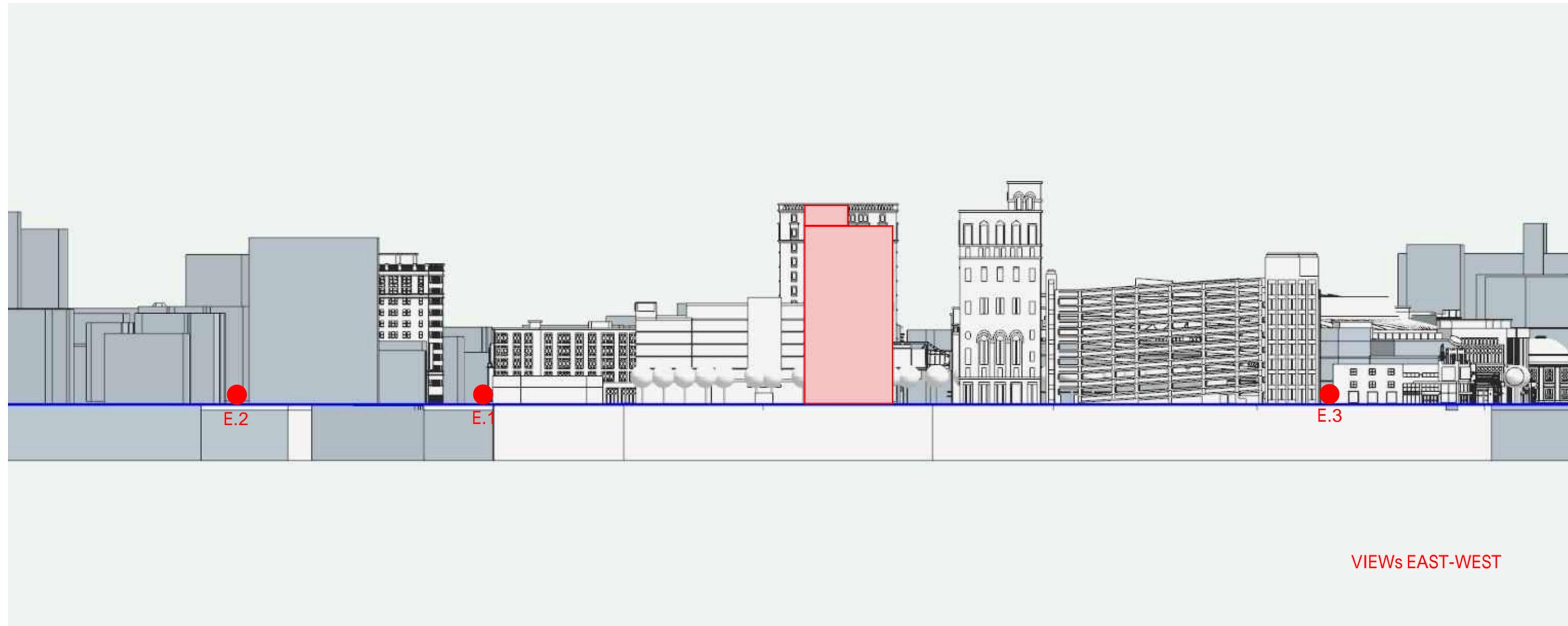
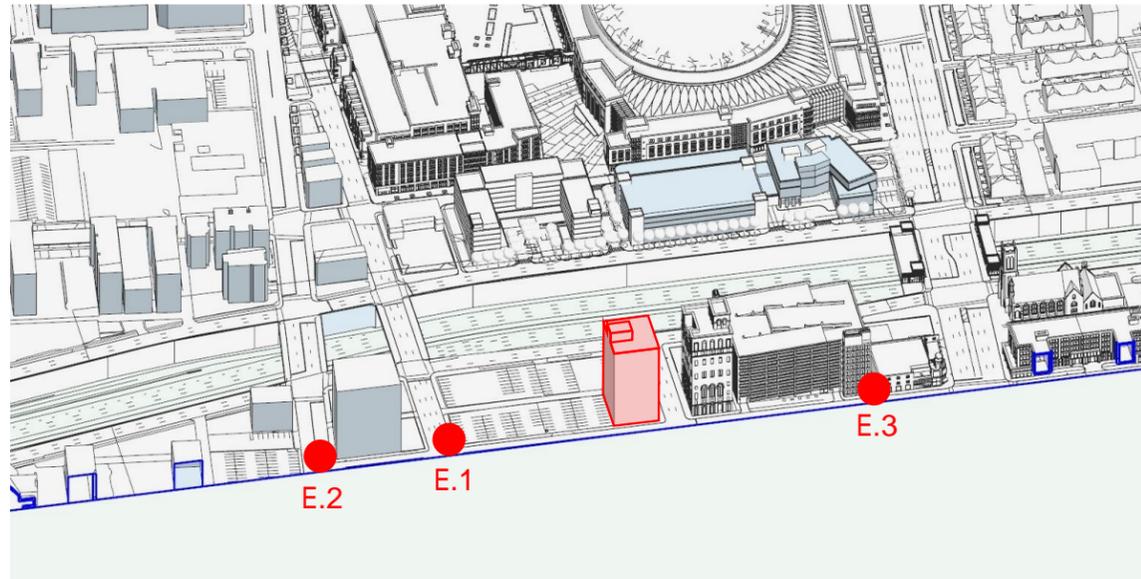
VIEW S.4 from W Fisher Dr & Park Ave





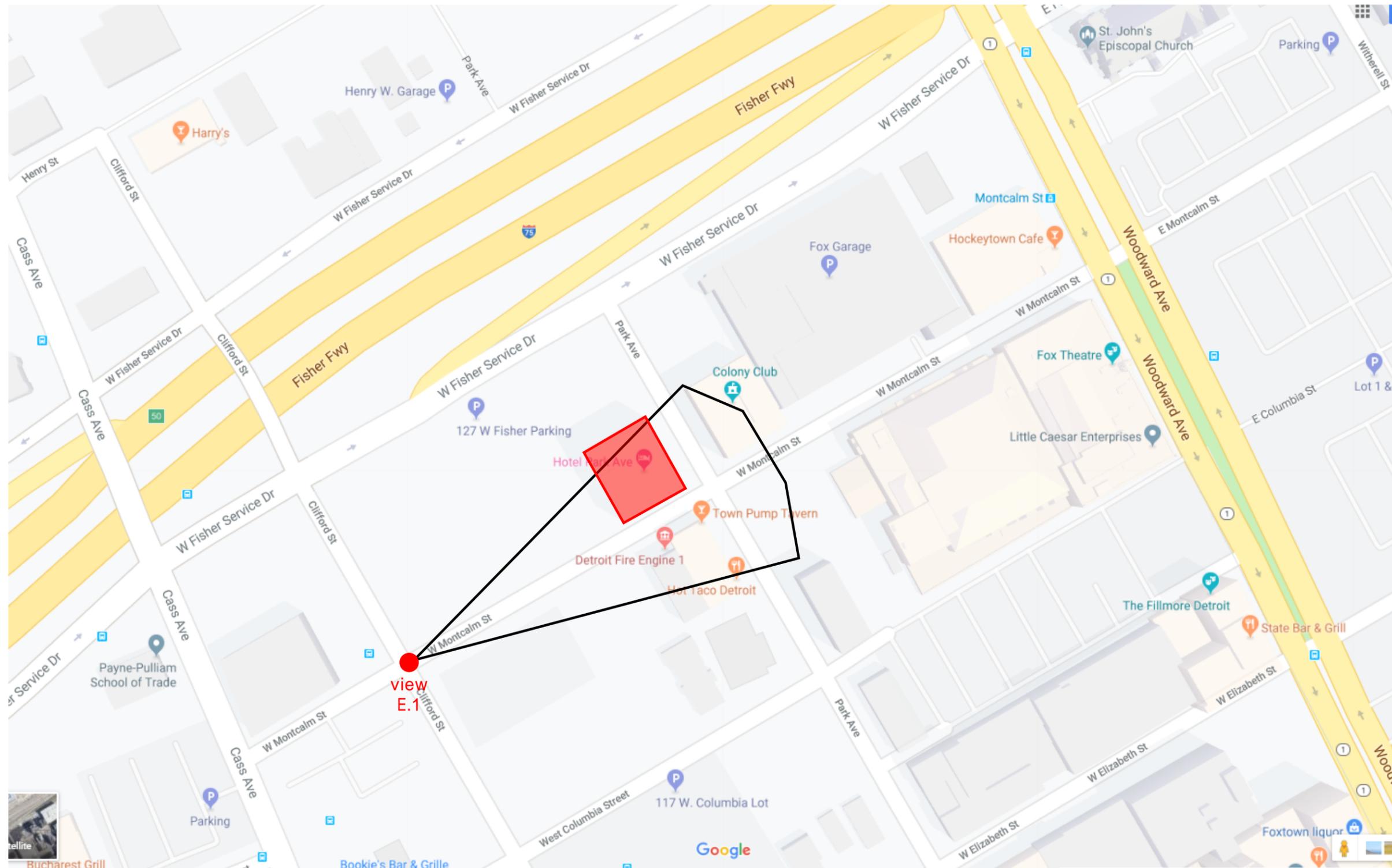
VIEW S.4 from W Fisher Service Dr  
& Park Ave





VIEWS EAST-WEST





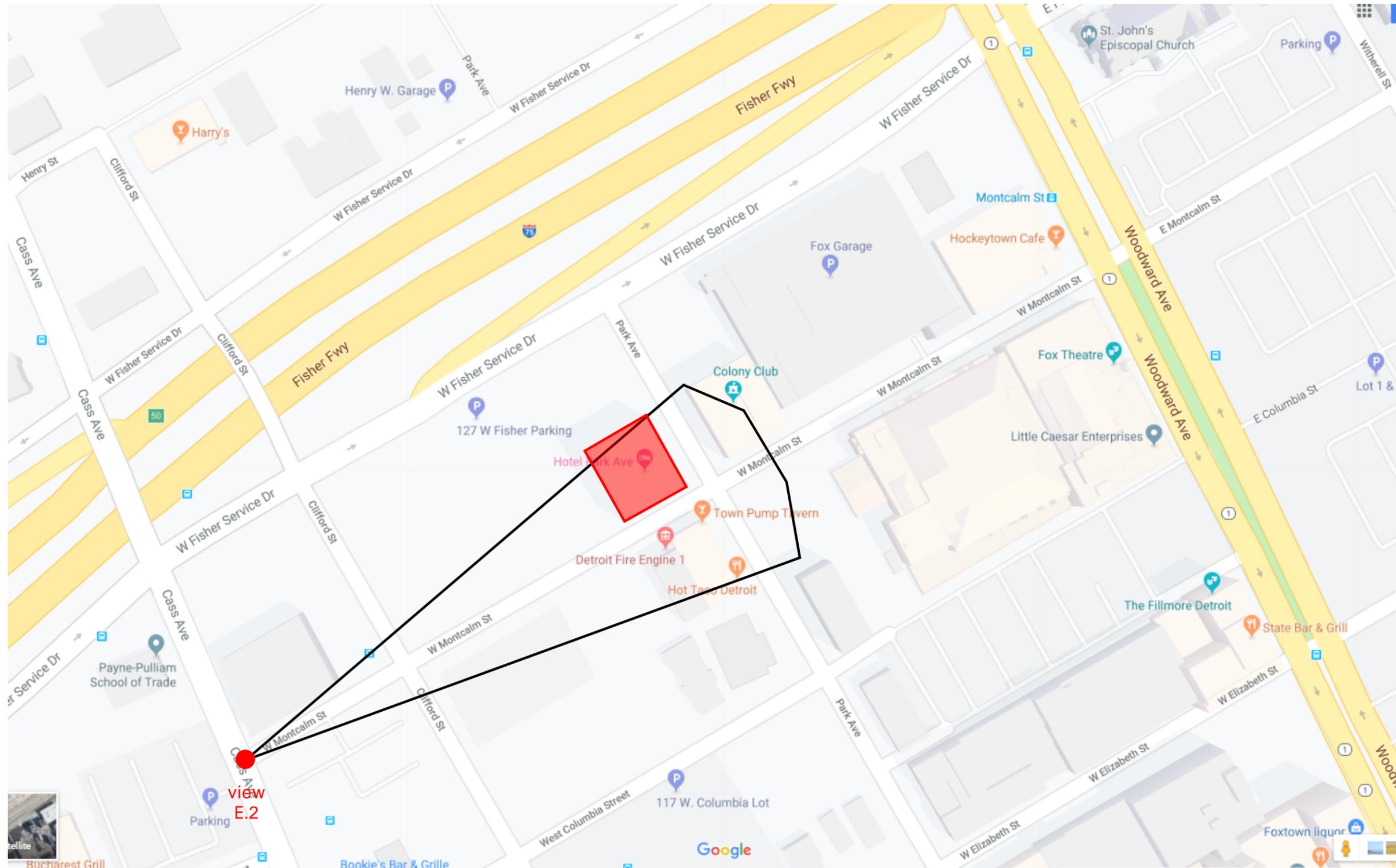
**VIEW E.1** from Clifford St &  
W Montcalm





**VIEW E.1** from Clifford St & W  
Montcalm





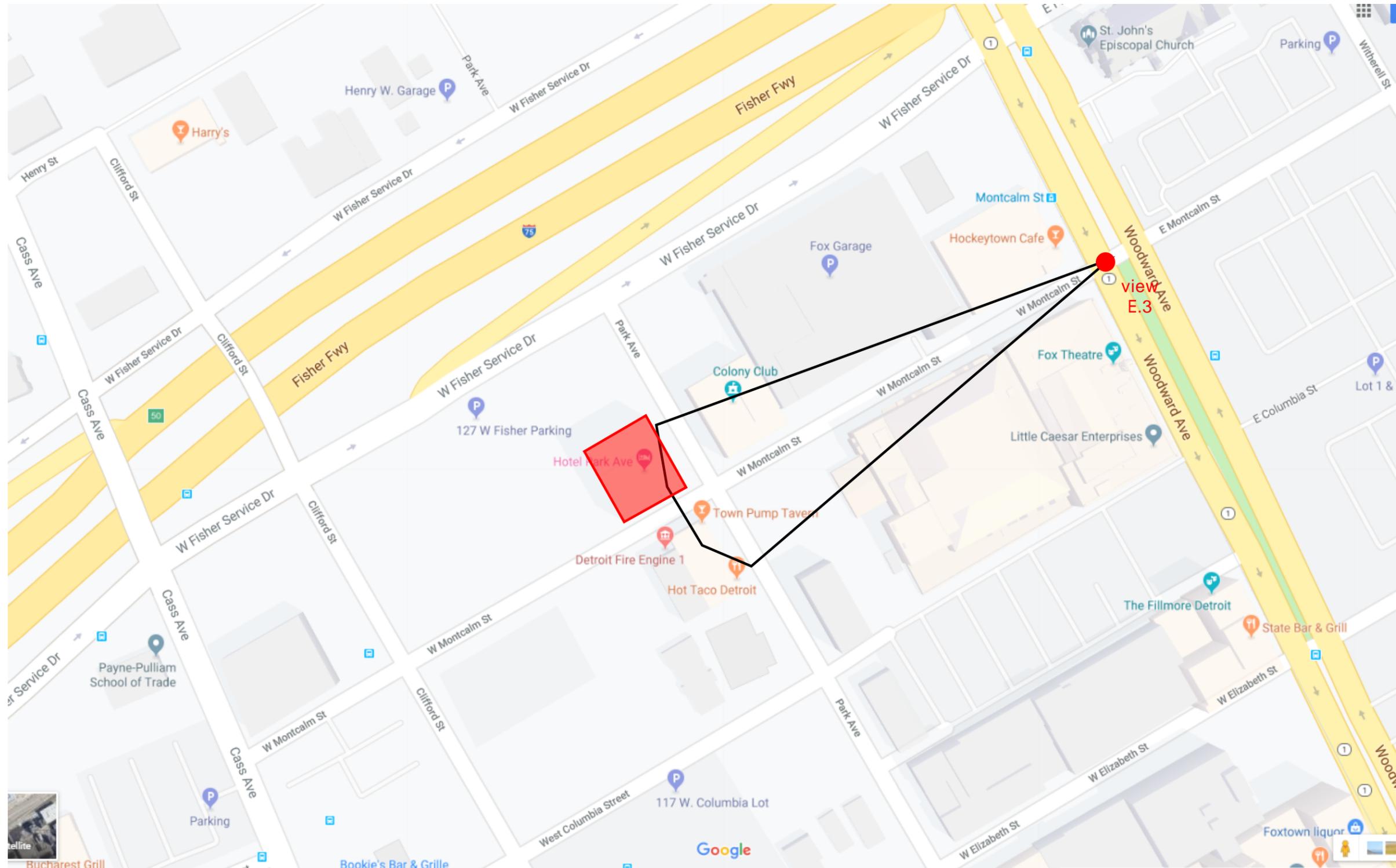
VIEW E.2 from Cass Ave &  
W Montcalm





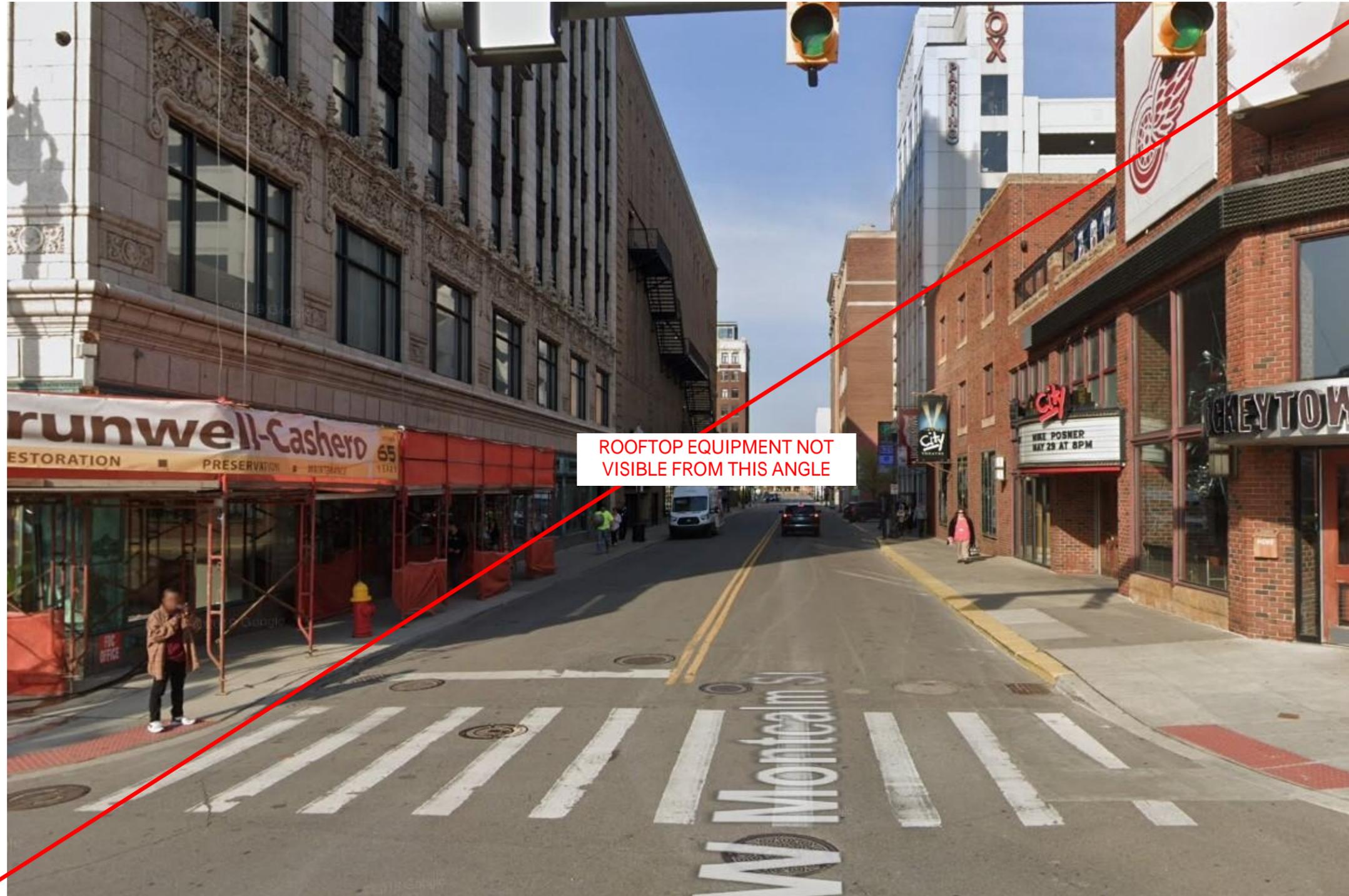
VIEW E.2 from Cass Ave &  
W Montcalm





VIEW E.3 from Woodward Ave  
& W Montcalm





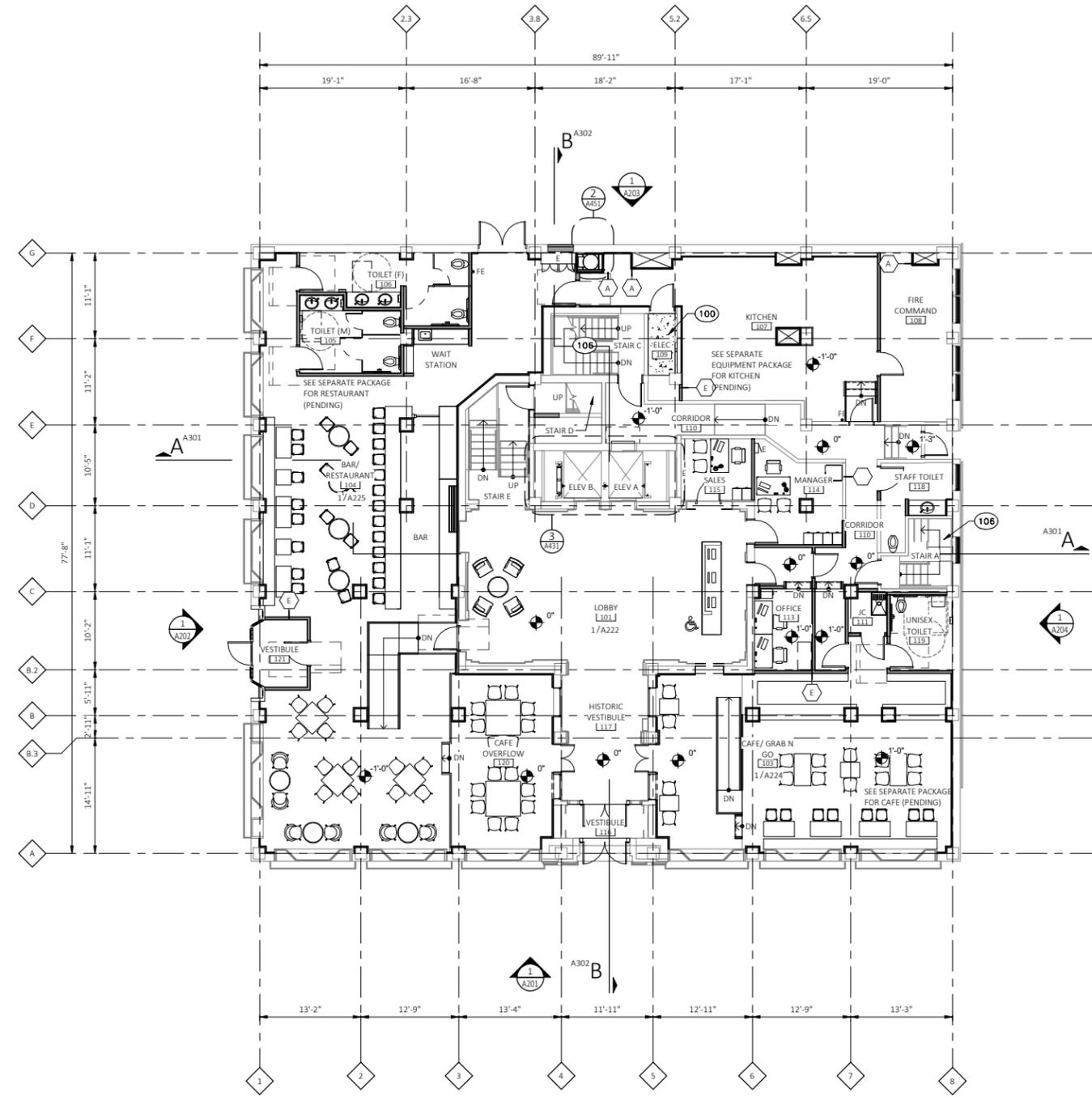
ROOFTOP EQUIPMENT NOT  
VISIBLE FROM THIS ANGLE

VIEW E.3 from Woodward Ave &  
W Montcalm

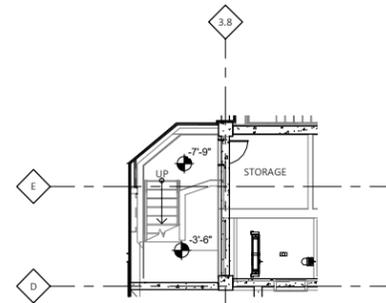




24 X 36 | PLOTTED ON 10/28/2019 2:29:38 PM | C:\Users\arisha.shahid\Documents\2018069-HPA\_KDG\_01-ARCHITECTURE v2019\_arisha.shahid@thekraemerdg.com.rvt



**FIRST FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



**STAIR-E BASE**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

- A WHERE SLAB ON GRADE REMOVAL IS REQUIRED FOR UTILITY PLACEMENT REFER TO TYPICAL CONCRETE SLAB INFILL DETAIL ON SHEET A...
- B PATCH AND REPAIR WALLS AND FLOOR TO ENSURE EVEN SURFACE TO RECEIVE FINISH MATERIAL. COORDINATE WITH ROOM FINISH AND COLOR SCHEDULE.
- C FIRESTOPPING: PROVIDE FIRESTOPPING ASSEMBLIES AT ALL PENETRATIONS AND INTERRUPTIONS TO FIRE RATED ASSEMBLIES WHICH PROVIDE THE SPECIFIED FIRE RATING OR PARTITION OR FLOOR. SEE SPECIFICATIONS.
- D FIRE RATED PARTITIONS SHALL BE CONTINUOUS FROM FLOOR TO STRUCTURE ABOVE AND SHALL BE FIRE STOPPED TIGHTLY TO STRUCTURE PER CODE (U.L. SYSTEM).
- E WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASUREMENT, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED WITH THE FACE OF THE EXISTING SURFACE. WHERE A NEW GYPSUM BOARD PARTITION IS SHOWN INTERSECTING A COLUMN ENCASEMENT THE CENTERLINE OF THE WALL SHALL BE CENTERED ON THE COLUMN ENCASUREMENT.
- F WHERE NEW OR INFILL PARTITION ABUTS EXISTING PARTITION, FACE OF PARTITIONS SHALL ALIGN, UNLESS NOTED OTHERWISE.
- G PARTITIONS WITH EXISTING FRAMING MAY REQUIRE REWORK TO ACCOMMODATE NEW OPENINGS, ETC.
- H WHERE NEW FINISHES ARE SPECIFIED ON THE FINISH PLAN REMOVE ALL EXISTING FINISHES - PATCH AND REPAIR WALLS AND FLOOR - PREPARE THEM TO ACCEPT NEW SCHEDULED FINISH PER MANUFACTURER'S INSTRUCTIONS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- I LOCATE DOOR FRAMES 6" FROM INSIDE CORNER TO DOOR OPENING, UNLESS NOTED OTHERWISE.
- J ALL INTERIOR GLAZING INCL. DOORS, SIDELITES, & BORROWED LITES SHALL BE CLEAR LAMINATED SAFETY GLASS OR CLEAR TEMPERED SAFETY GLAZING. UNLESS NOTED OTHERWISE.
- K CONTRACTOR SHALL PROVIDE AND INSTALL CORNER GUARDS (CG) AS IDENTIFIED ON PLANS. CG SHALL BE FULL HEIGHT FROM TOP OF BASE TO CEILING. TYP. EXCEPT AT VWC -INSTALL FROM TOP OF VWC TO CLG.
- L SEMI-RECESSED FIRE EXTINGUISHER (FE) - REFER TO SHEET A501 FOR TYPICAL DETAILS. FINAL LOCATION OF FIRE EXTINGUISHERS SHALL BE REVIEWED IN FIELD WITH BUILDING OFFICIAL PRIOR TO INSTALLATION ROUGH-IN.
- M RECESSED ITEMS (GREATER THAN 16 SQ. IN.) IN RATED AND/OR SMOKE WALLS, INCLUDING ELEC PANELS, ELEC DUCTS, MED GAS VALVE BOXES, FIRE EXT CABINETS, ETC. SHALL BE BACKED WITH 5/8" TYPE 'X' GYPSUM BOARD TO MAINTAIN RATING FIRE WALL.
- N TELEPHONE AND ELECTRICAL PANEL BOARDS: PROVIDE AND INSTALL 4' X 8' X 3/4" THICK, PLYWOOD, FIRE RETARDANT TREATED.
- O REPAIR ALL EXISTING EXPOSED PLASTER OR THAT REQUIRED FOR FIRE RATING AS NOTED ON A501.

**CONSTRUCTION KEYNOTES (###)**

- 100 EXIST FLOOR OPENING TO BE INFILLED. FIELD VERIFY DIMENSIONS AND LOCATIONS. TYP. ALL STEEL DECKING AND SECTIONS TO HAVE FULL COVERAGE OF SPRAY-ON FIREPROOFING PER SPECIFICATIONS FOR A MINIMUM 2-HR FIRE-RESISTANCE RATED FLOOR ASSEMBLY. REFER TO STRUCTURAL.
- 106 EXISTING STAIR TO REMAIN AND BE RESTORED. SEE STAIR FINISH SCHEDULE.



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Architect

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DD BRAND REVIEW	10-09-19
SD BRAND REVIEW	09-06-19
SD OWNER REVIEW	02-20-19
OWNER REVIEW	02-06-19

Revision \_\_\_\_\_ Date \_\_\_\_\_

Date \_\_\_\_\_

Project Number 2018069

Sheet Title  
**1ST FLOOR  
 PLAN**

Sheet Number

A101

