

1



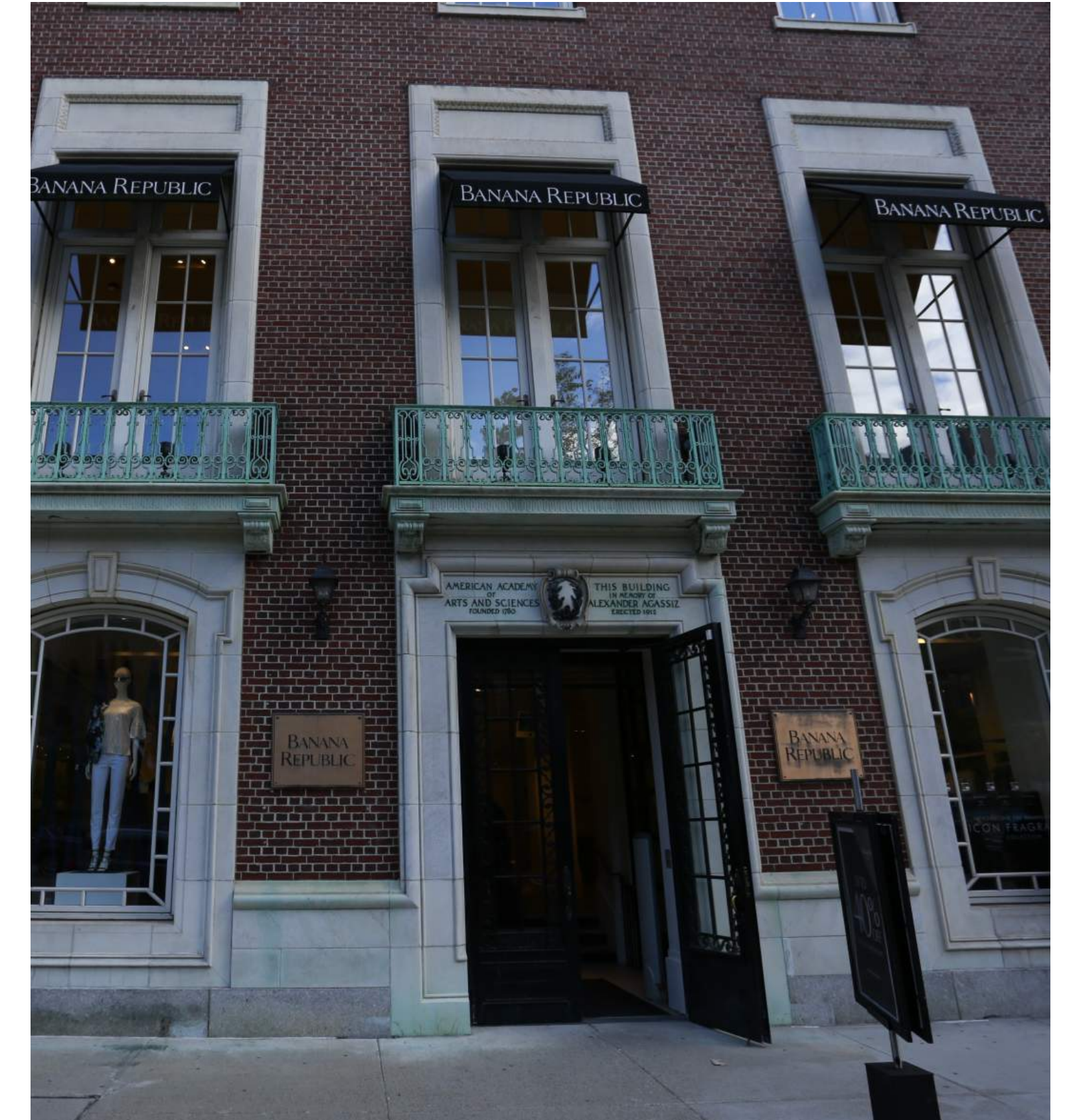
2 - 28 NEWBURY STREET FACADE



3



4



5



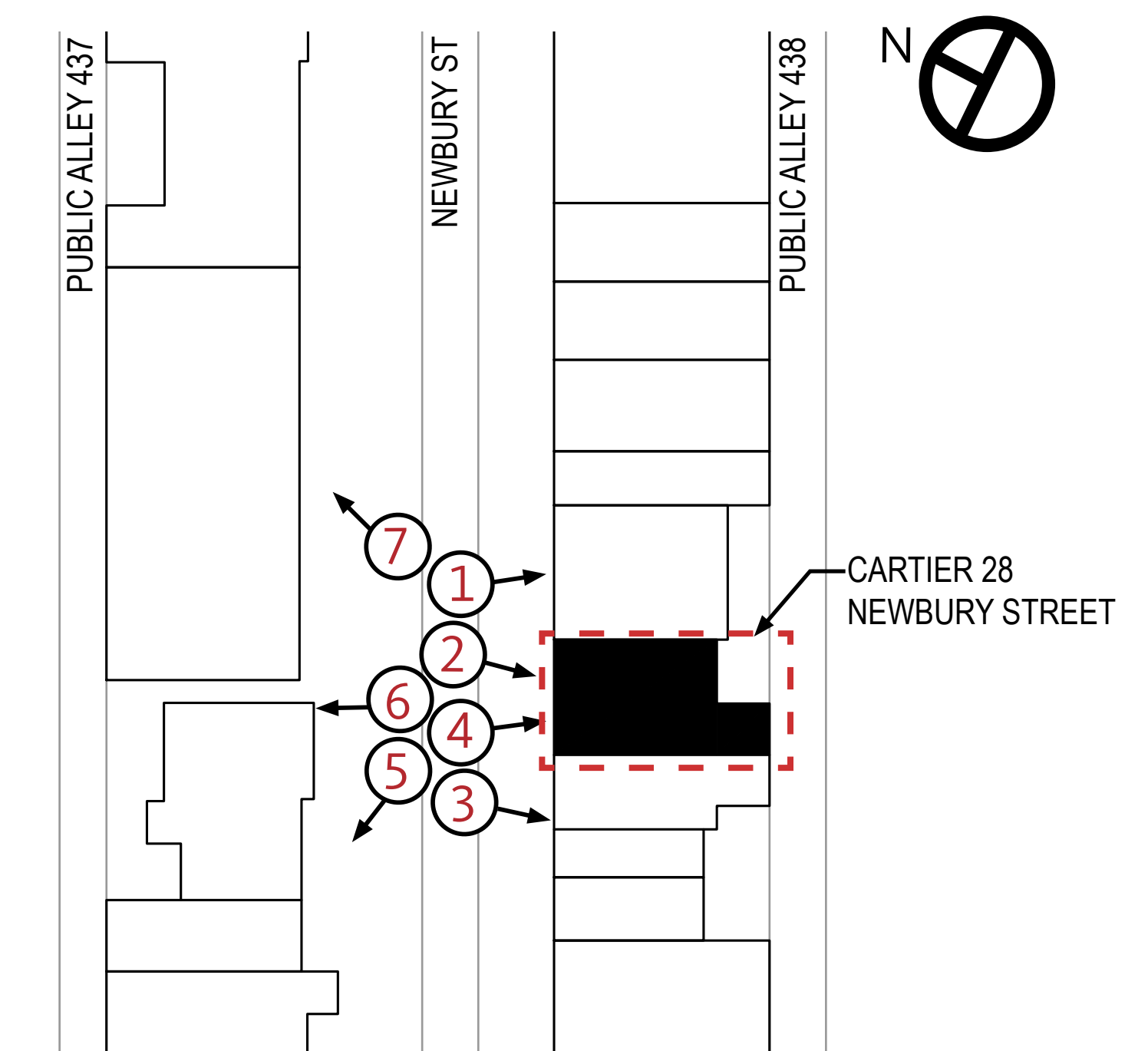
6



7



KEY PLAN



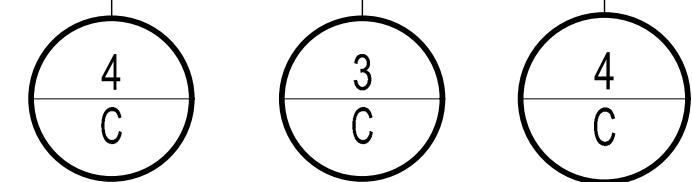
Submitted: 20 June 2017

CARTIER - 28 NEWBURY STREET

A: EXISTING SITE CONTEXT

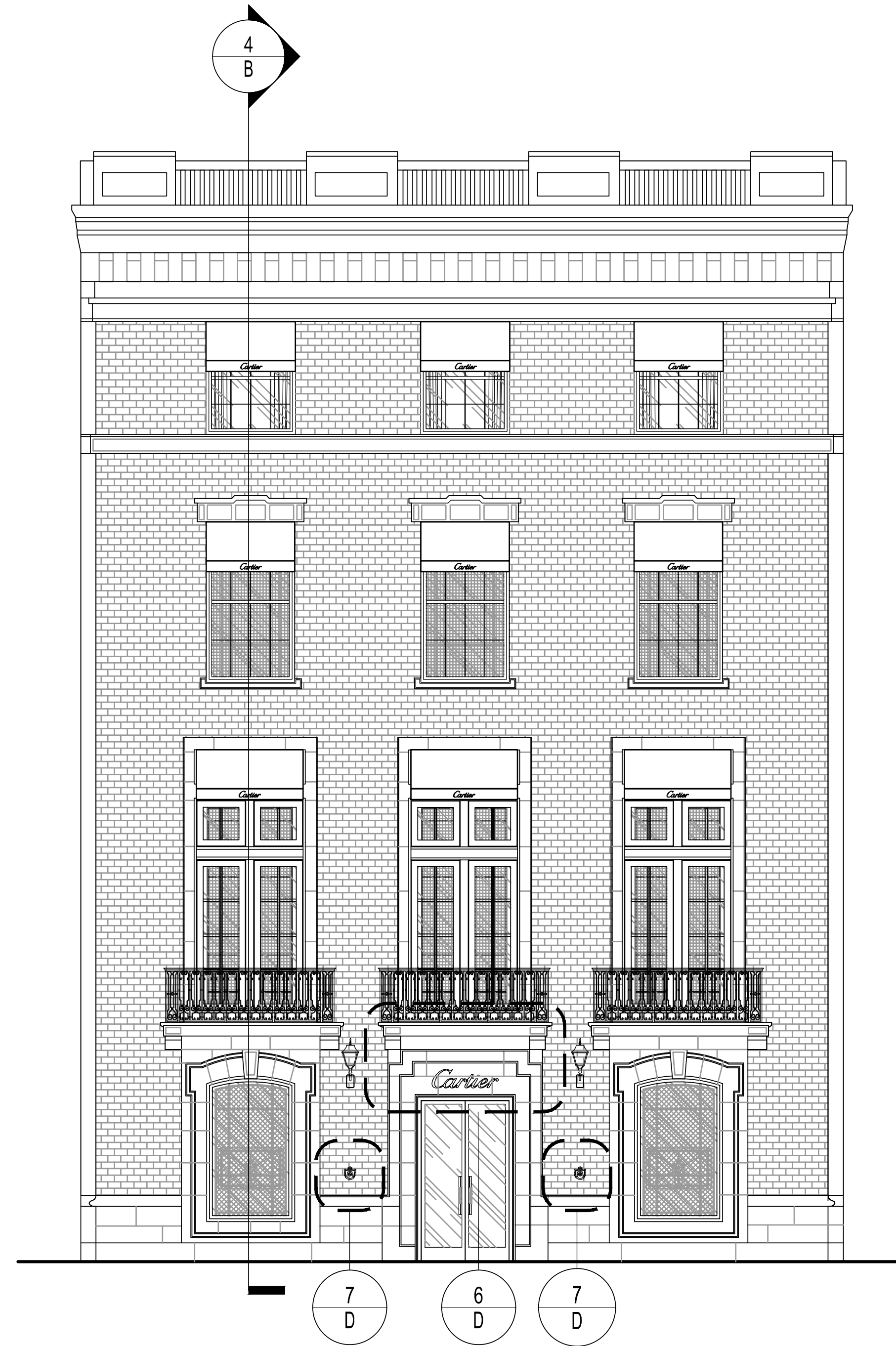
GENSLER

1: EXISTING ELEVATION

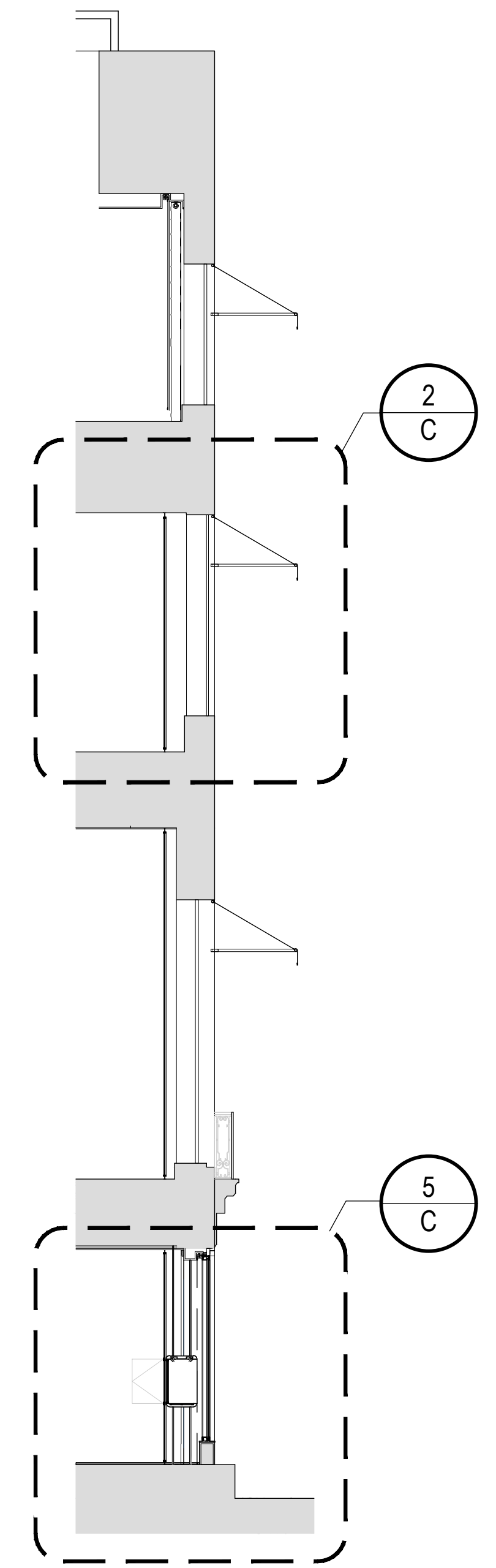


- ALL EXISTING MASONRY AND MASONRY DETAILS TO REMAIN. MASONRY TO BE CLEANED USING GENTLEST METHOD POSSIBLE TO ACHIEVE UNIFORM APPEARANCE WITHOUT BLOCHES, STREAKS OR OTHER IRREGULARITIES. REFER TO SUPPLEMENTAL INFORMATION PACKAGE FOR ADDITIONAL INFORMATION.
- EXISTING MASONRY TO BE REPOINT AS REQUIRED. REFER TO SUPPLEMENTAL INFORMATION PACKAGE FOR ADDITIONAL INFORMATION.
- EXISTING WINDOWS TO REMAIN. CLEAN AND REPAINT BRONZE COLOR (06 SHEET 'C')
- ALL EXISTING AWNINGS TO BE REMOVED
- ALL EXISTING LETTERING AND EMBLEM TO BE REMOVED
- EXISTING DOOR TO BE REPLACED
- EXISTING STREET LEVEL GLASS AND MULLIONS TO BE REMOVED
- EXISTING PLAQUE SIGNS TO BE REMOVED TYPICAL.

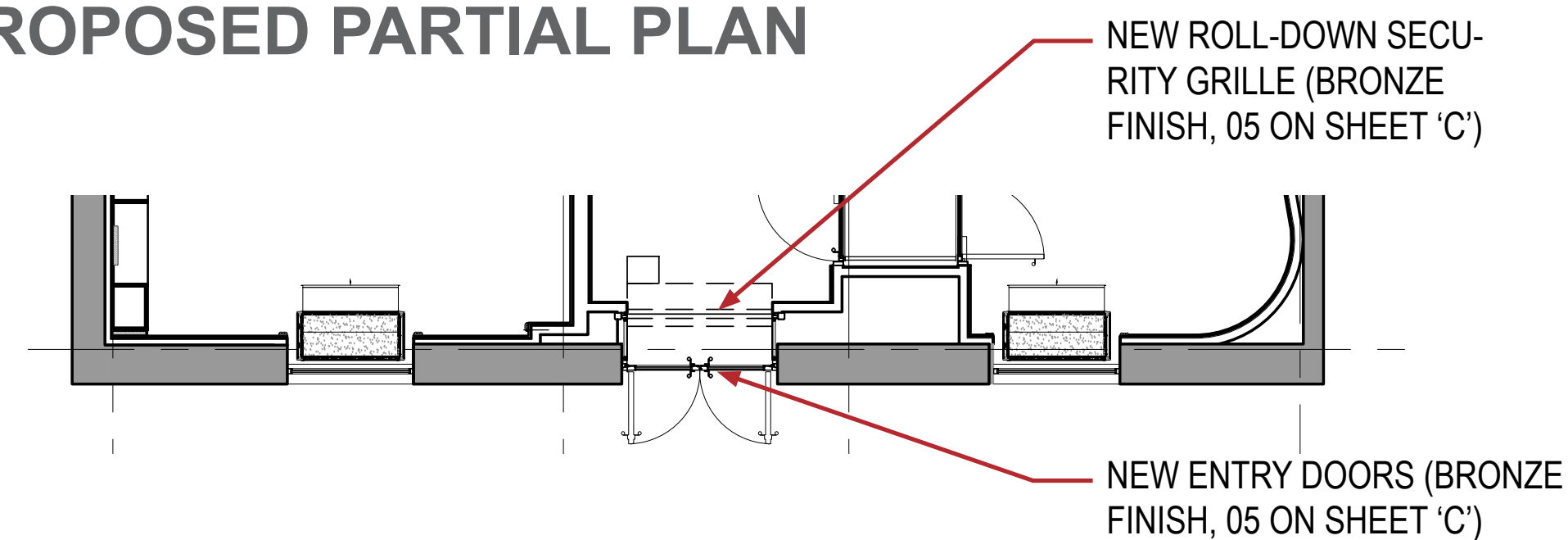
2: PROPOSED ELEVATION



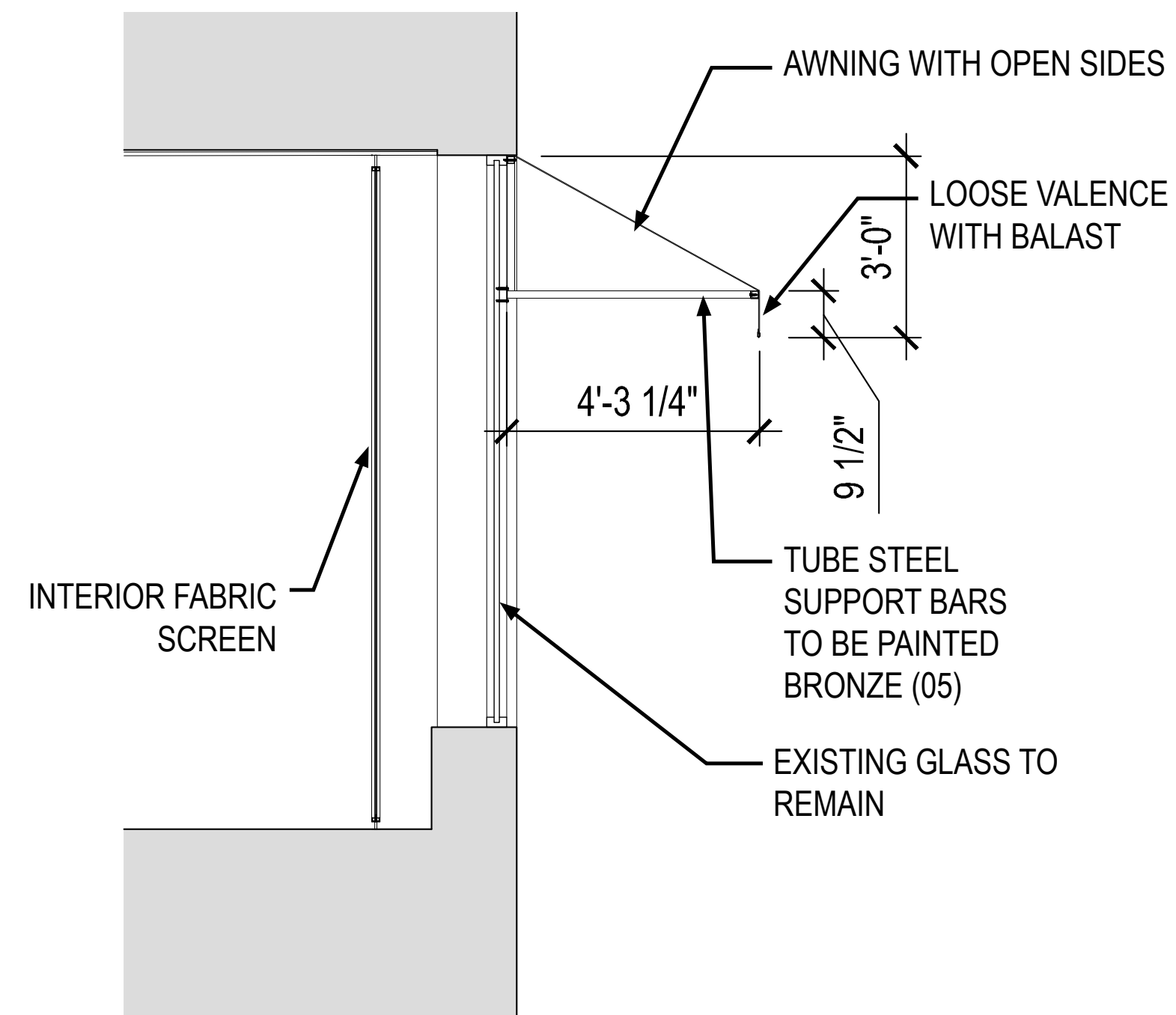
4: PROPOSED FACADE SECTION



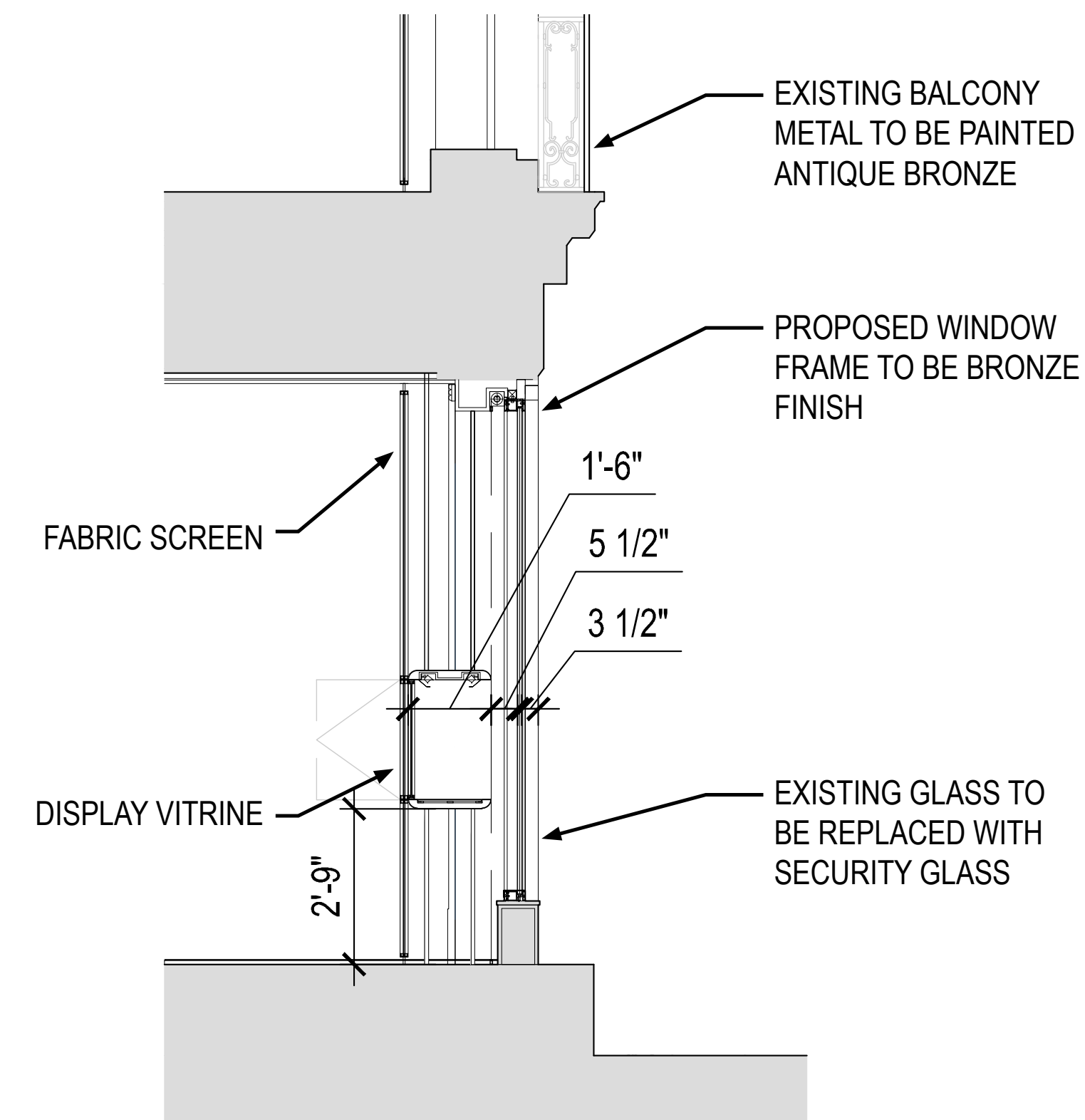
3: PROPOSED PARTIAL PLAN



1: PROPOSED AWNING SECTION



2: PROPOSED STOREFRONT SECTION



3: PROPOSED ELEVATION (RENDERED)



MATERIAL AND MODIFICATION KEY

01: FABRIC AWNING



02: INTERIOR CURTAIN FABRIC



03: INTERIOR FABRIC SCREEN WITH SEAMS



04: CARTIER LOGO COLOR AT DOOR HEADER



05: BRONZE DOOR FRAME



06: WINDOW FRAME PAINTED TO MATCH DOOR FRAME



07: BLASON



08: CARTIER LOGO COLOR AT AWNINGS (DARK BROWN)



09: BALCONY FRAME TO BE PAINTED BRONZE



10: STREET LEVEL GLASS TO BE REPLACED WITH CLEAR SECURITY GLASS

Submitted: 20 June 2017

CARTIER - 28 NEWBURY STREET

C: FACADE MATERIALS

GENSLER

1: EXISTING ENTRY DOORS



2: PROPOSED ENTRY DOORS



3: EXISTING ENTRANCE HEADER



- EXISTING BALCONY METAL TO BE PAINTED ANTIQUE BRONZE
- EXISTING EMBLEM TO BE REMOVED
- EXISTING LETTERING TO BE REMOVED

4: EXISTING SIGN



EXISTING SIGNS AT EACH SIDE OF ENTRY ARE TO BE REMOVED AND, MASONRY TO BE PATCHED AT ATTACHMENT POINTS

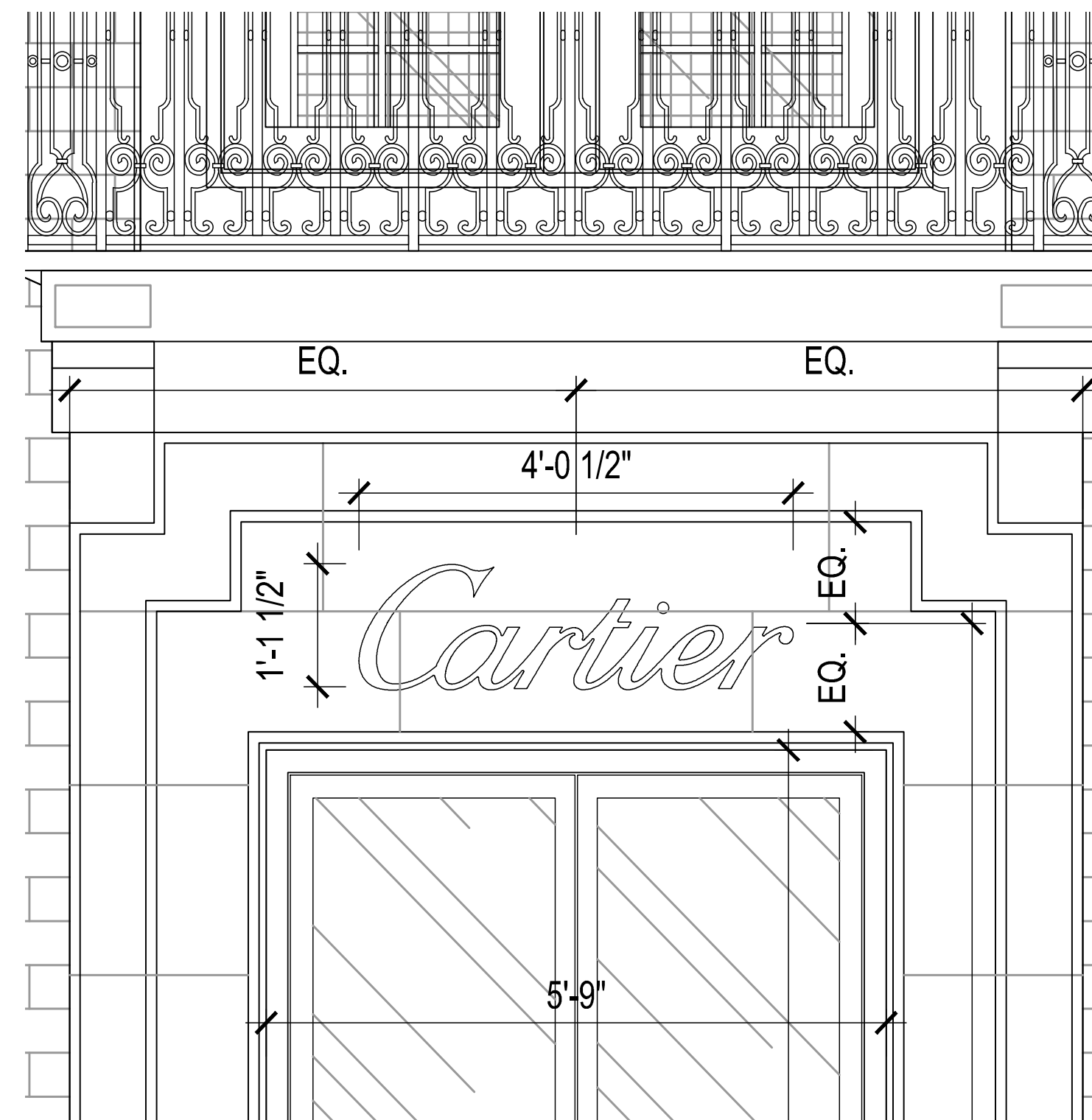
5.1: EXISTING WINDOWS (1ST FLOOR)



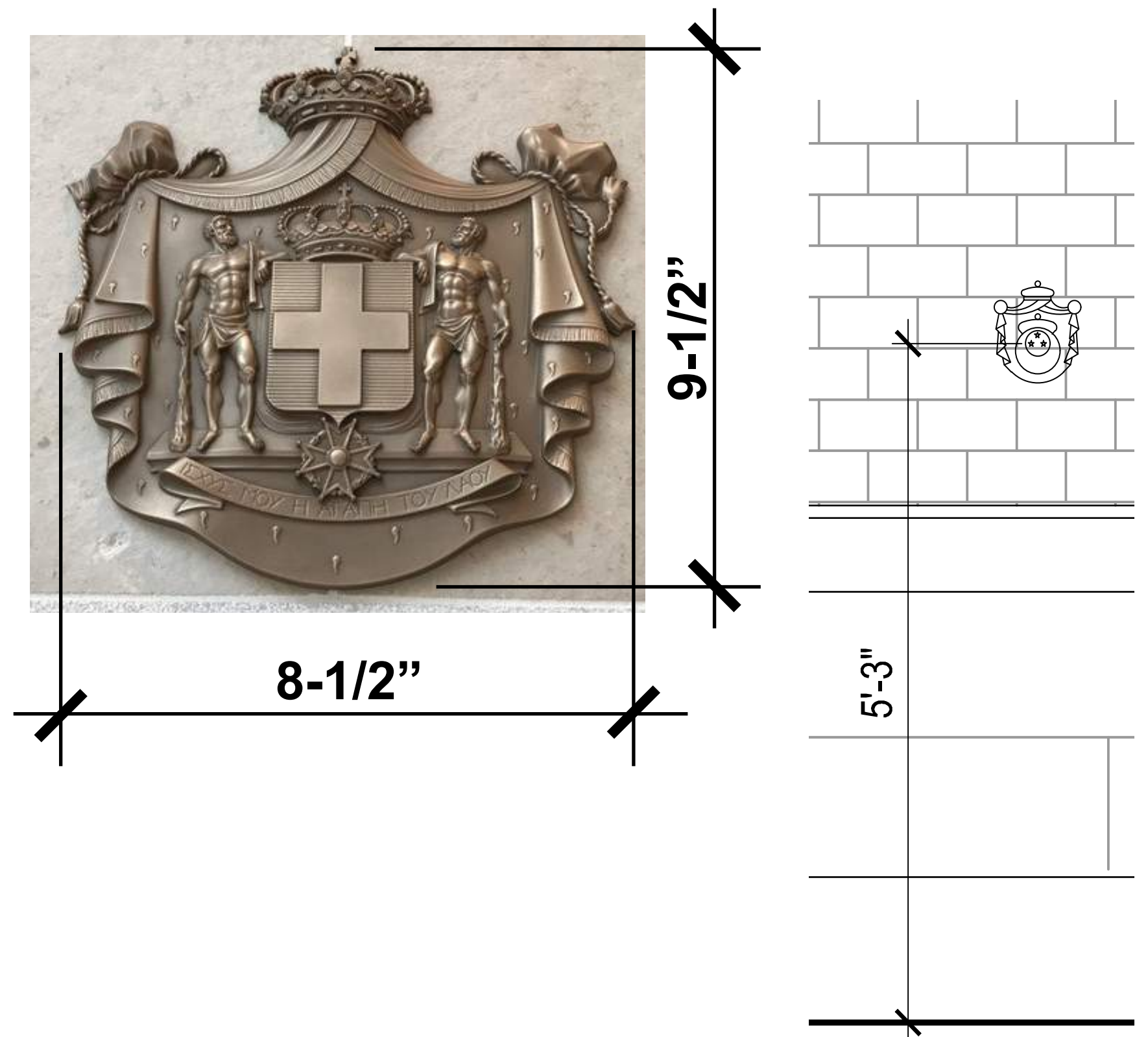
5.3: PROPOSED WINDOWS (1ST FLOOR)



6: PROPOSED ENTRANCE SIGN



7: PROPOSED BLASON



Submitted: 20 June 2017

1: PROPOSED ENTRY DOOR SPEC

Aesthetics

The interior thermal cladding means that Insulclad® entrances are 2-1/4" deep – slightly deeper than standard entrances. A major benefit of the two-piece construction and interior cladding is the ability to create different interior and exterior colors. 260 Insulclad® provides a slimmer look, while 360 provides extra strength for heavy-traffic applications such as schools and institutions, and 560 provides a monumental visual statement for applications such as banks and government buildings. Insulclad® Entrance dimensions include:

	260	360	560
Stile Widths	2-1/8" (54)	3-1/2" (88.9)	5" (127)
Top Rail	2-1/4" (57.2)	3-1/2" (88.9)	5" (127)
Bottom Rail	3-7/8" (98.4)	6-1/2" (165.1)	6-1/2" (165.1)

All three entrances offer an optional 7-1/2" (190.5) and 10" (254) bottom rail. Additionally, optional horizontal cross rails are offered in 2-1/4" (57.2), 3-1/2" (88.9), 6" (152.4) and 8-1/4" (209.6) dimensions. Maximum size for single entrances is 3'6" x 8'0" (1067 x 2438) or 7'0" x 8'0" (2134 x 2438) for pairs of entrances.

Insulclad® Entrances are single acting and mounted on offset pivots; butt hinges or continuous hinges. The 260, 360 and 560 Entrances accept 1" (25.4) infills, and numerous Kawneer hardware options are available.

Performance

To resist both lever arm and torsion forces that constantly act on any door, all three Insulclad® entrances feature Dual Moment® corner construction with four Sigma deep penetration and fillet welds, plus mechanical fastening at each corner. Each door corner comes with a Limited Lifetime Warranty, which is good for the life of the door under normal-use operation. This warranty is transferable from building owner to building owner and is in addition to the standard two-year warranty covering each Kawneer door.

Kawneer Sealer® bulb neoprene weather stripping forms a positive seal around the door frame and provides a substantial reduction in air infiltration, which results in improved comfort and economies in heating and cooling costs. The system is wear and temperature resistant and replaces conventional weathering. Bottom weather strip at the interior contains a flexible blade gasket to meet and contact the threshold, enhancing the air and water infiltration performance characteristics. Computer simulation testing has been conducted in accordance with NFRC 100/200/500 and standard 15 AAMA 507-03 glass options.



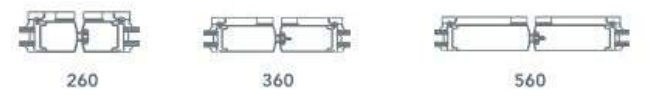
TSYS North Center, Columbus, GA
Architect: C.S.I. Architects, Columbus, GA
Glazing Contractor: Uneeda Glass Co., Columbus, GA

For the Finishing Touch

Permanodur® Anodized finishes are available in Class I and Class II in seven different color choices.

Painted finishes, including fluoropolymer, that meet AAMA 2605 are offered in many standard choices and an unlimited number of specialty-designed colors.

Solvent-free powder coatings add the green element with high performance, durability and scratch resistance that meet the standards of AAMA 2604.



Note: Numbers in parentheses () are millimeters unless otherwise noted.

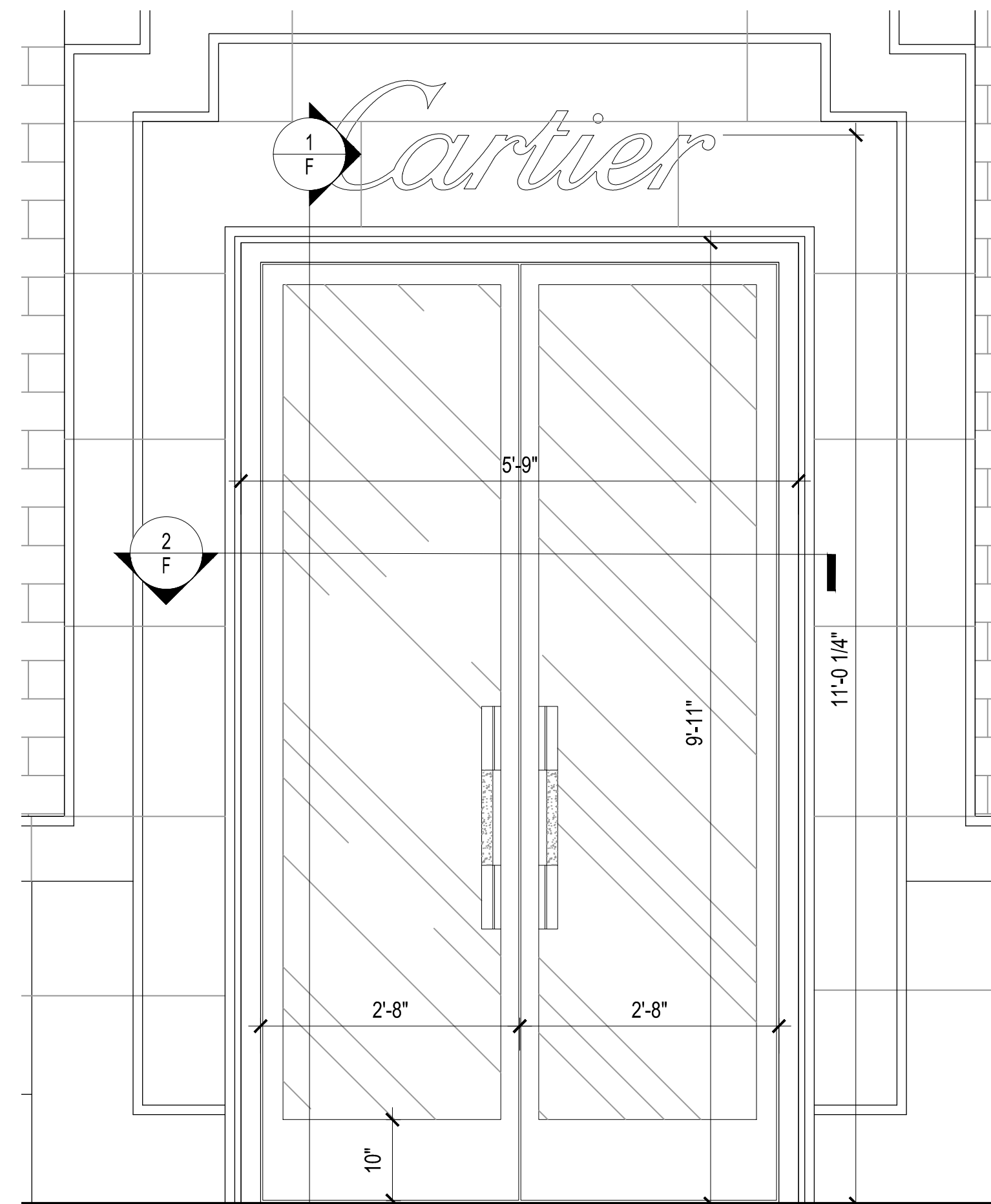
Kawneer Company, Inc.
Technology Park / Atlanta
555 Guthridge Court
Norcross, GA 30092

kawneer.com
770.449.5555

KAWNEER
AN ALCOA COMPANY

© Kawneer Company, Inc. 2009 U740 IN U.S.A. Form No. 06/2007

2: PROPOSED ENTRY DOORS



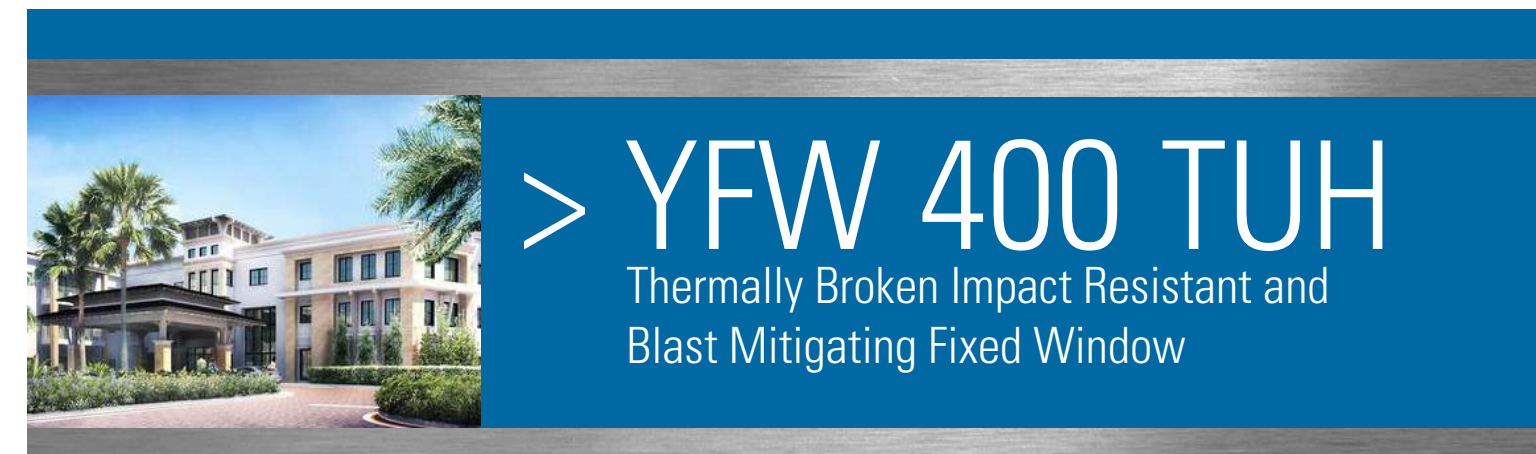
3: EXISTING AWNINGS



4: EXAMPLE OF CARTIER AWNINGS



5: PROPOSED 1ST FLOOR WINDOWS



ProTek
YKK AP Hurricane & Blast Solutions

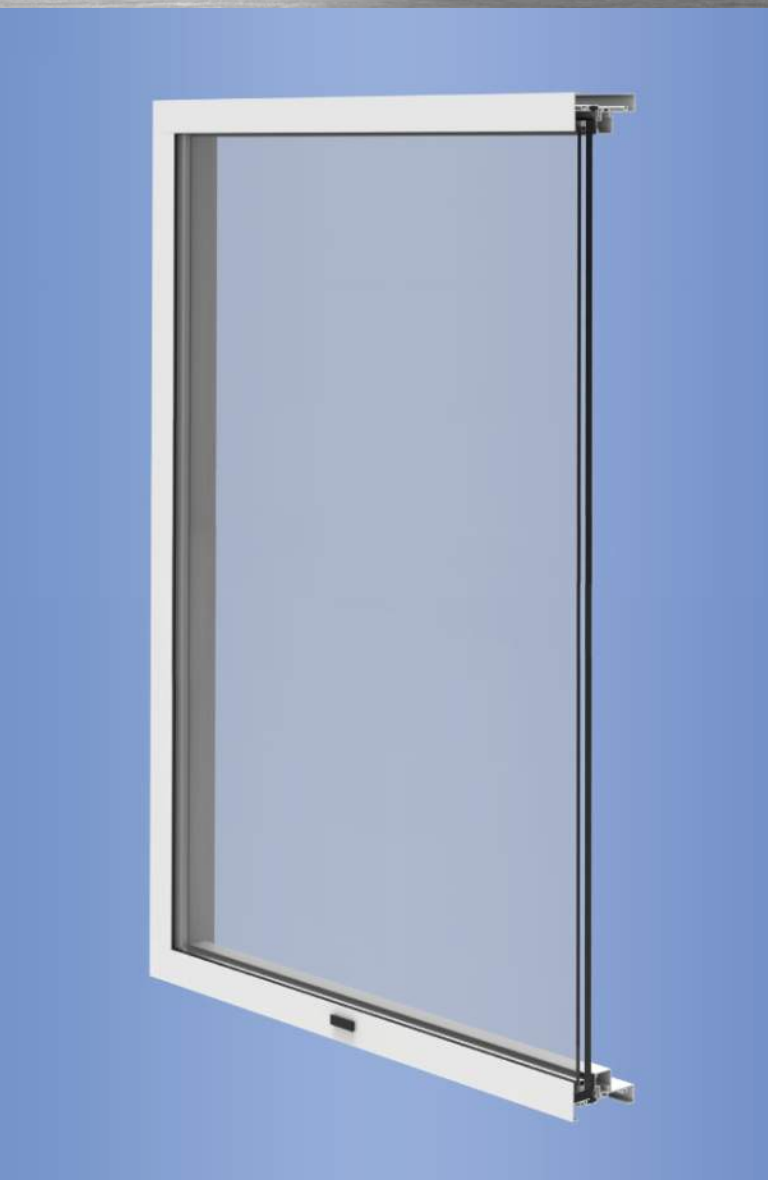
Integrated Protection

YFW 400 TUH ProTek® thermally broken impact resistant and blast mitigating fixed windows have been designed and engineered to the highest of standards. The quality 4" frame depth fixed window is universal to our 4" depth impact resistant operable window systems. This fixed window system will easily integrate with our YVS 410 TUH Single Hung window system utilizing the same stacking mullions. Integral horizontal and vertical mullions provide greatly expanded configurations.

Superior air and water performance enhance this factory glazed product making it an excellent substitution for smaller storefront punched openings.

The YFW 400 TUH is a high performance window that is designed for the high velocity winds of south Florida. Additional benefit is provided by the labor savings when used as a factory glazed fixed window.

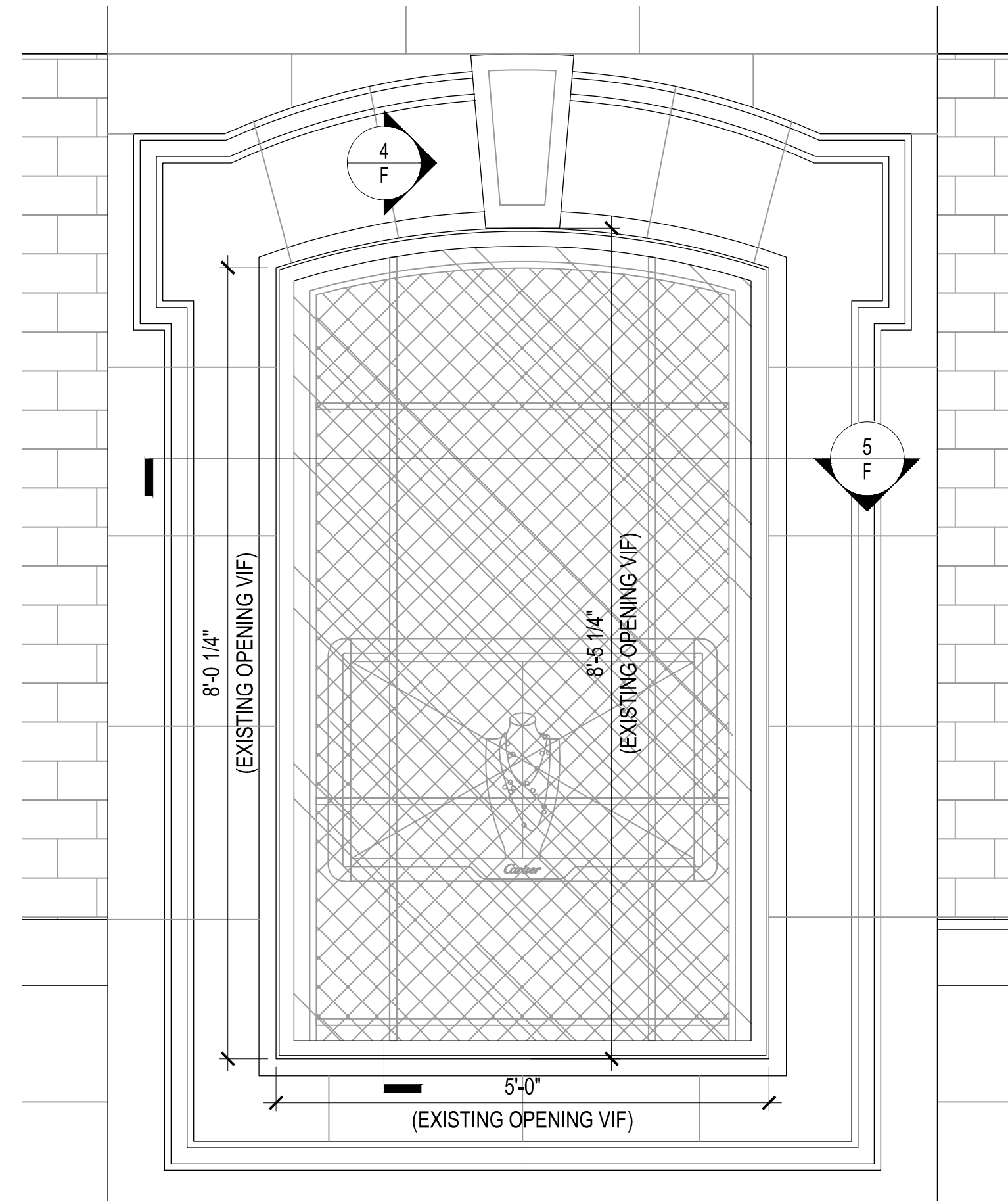
This window system not only provides additional security against burglary but also the minimal hazard level of ASTM F 1642 for blast mitigation.



YKK AP
Quality inspires®

Entrances | Storefronts | Curtain Walls | Sun Controls | Windows | Balcony Doors

6: PROPOSED 1ST FLOOR WINDOWS



7: ILLUMINATED SIGN EXAMPLE



8: ILLUMINATED SIGN EXAMPLE

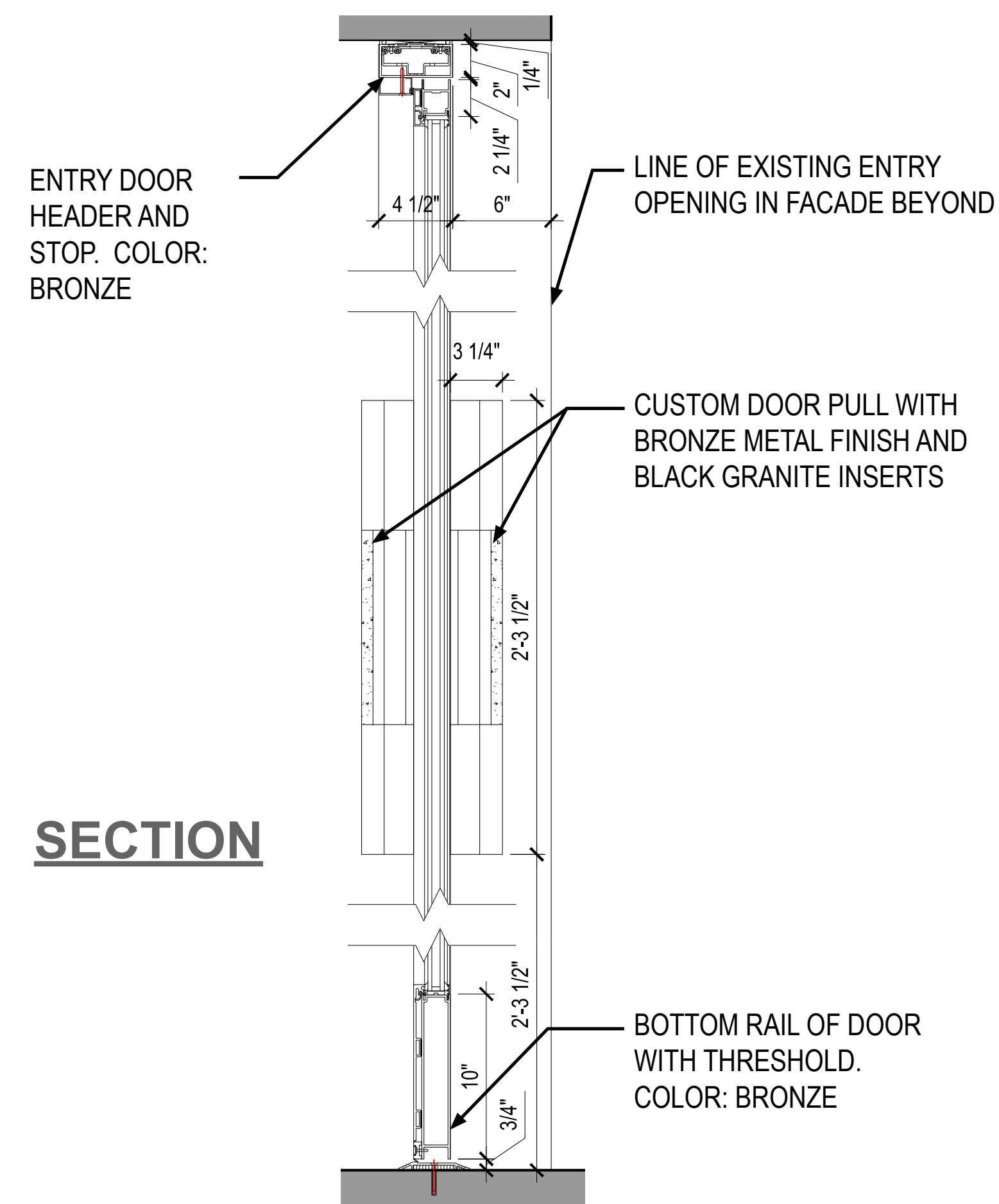


9: EXAMPLE SIGN DETAIL

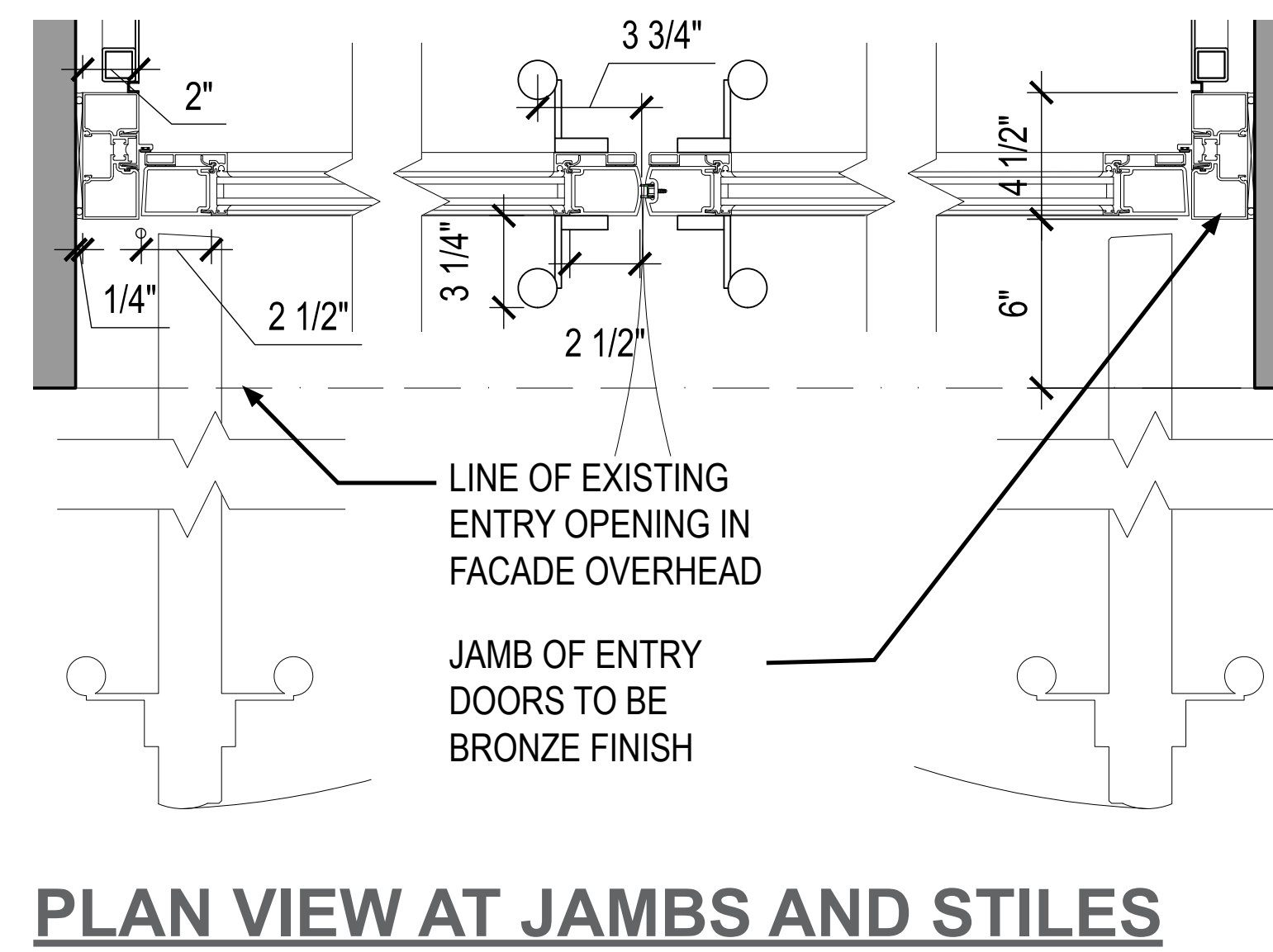


E: FACADE DETAILS & SIGNAGE

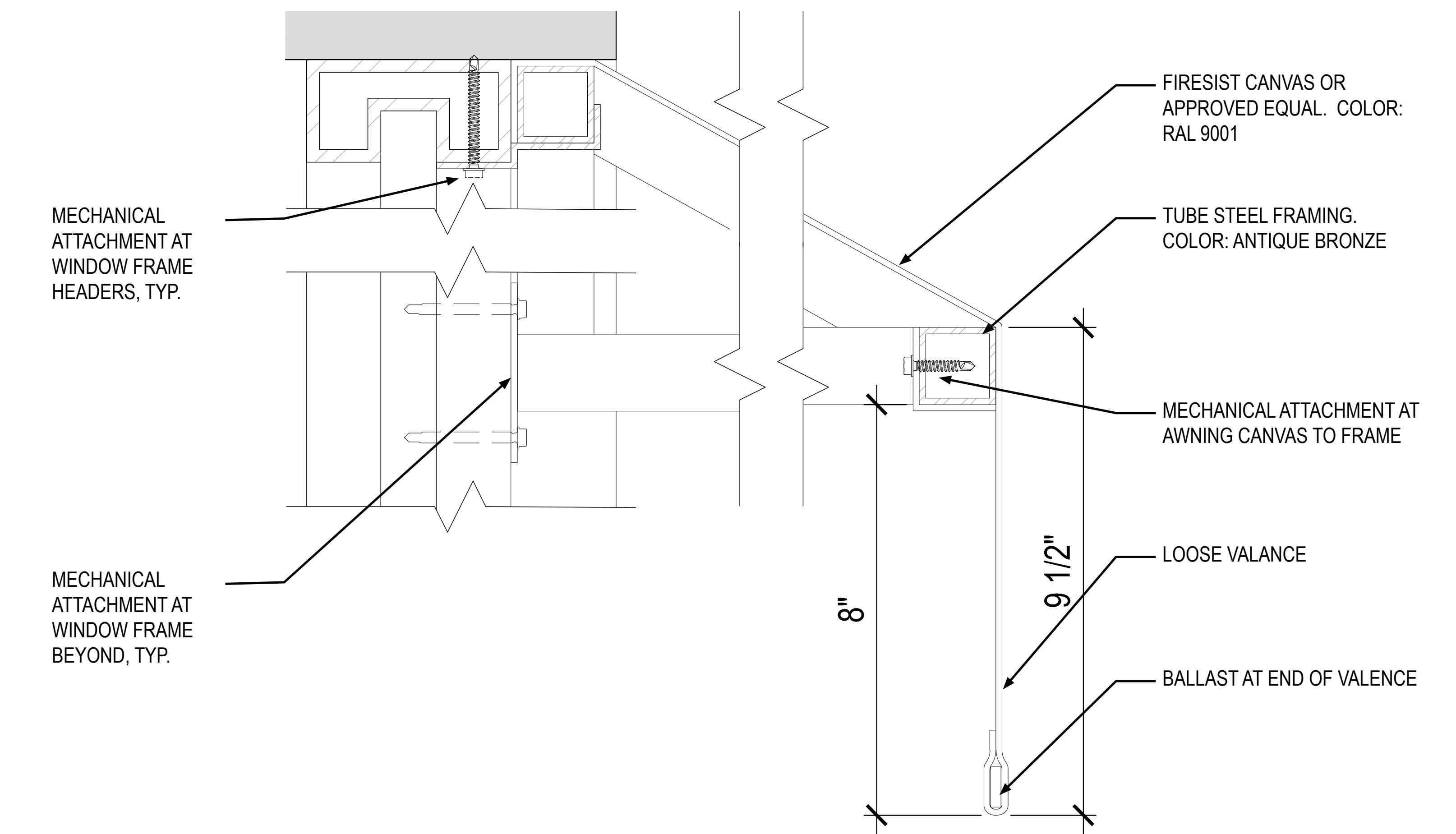
1: PROPOSED ENTRY DOOR DETAIL



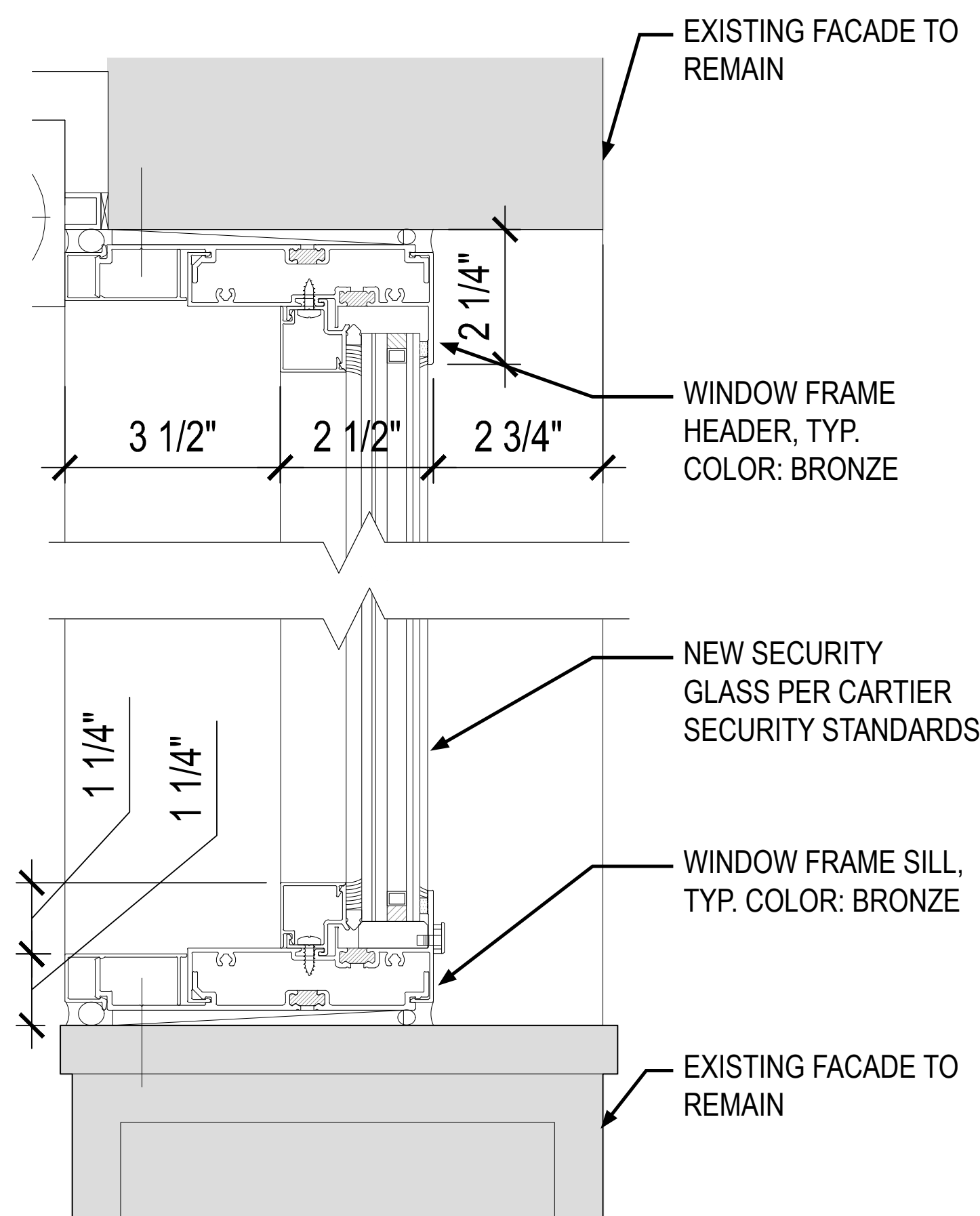
2: PROPOSED ENTRY DOOR DETAIL



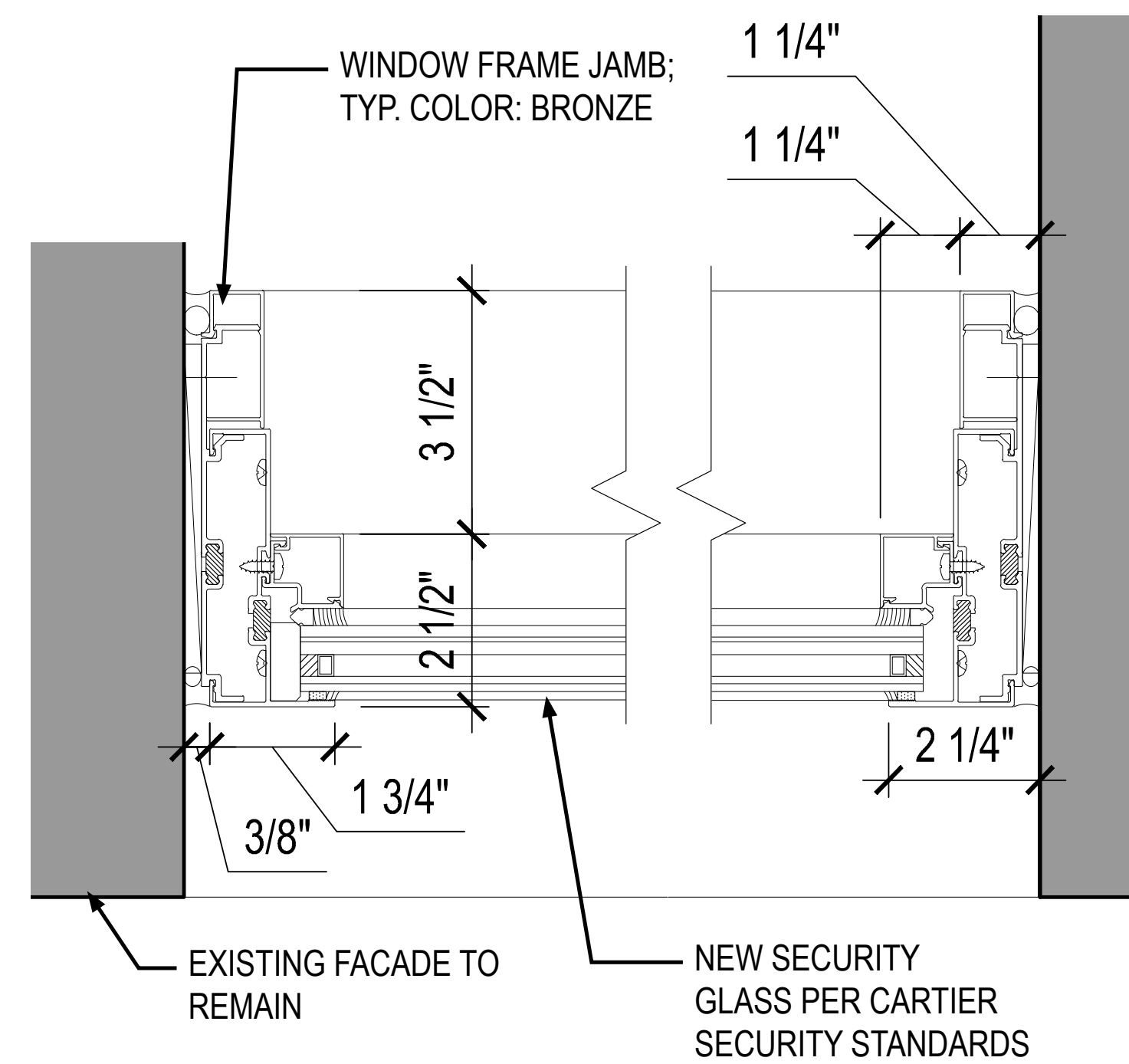
3: PROPOSED AWNING ATTACHMENT DETAIL (SECTION)



4: PROPOSED WINDOW DETAIL



5: PROPOSED WINDOW DETAIL



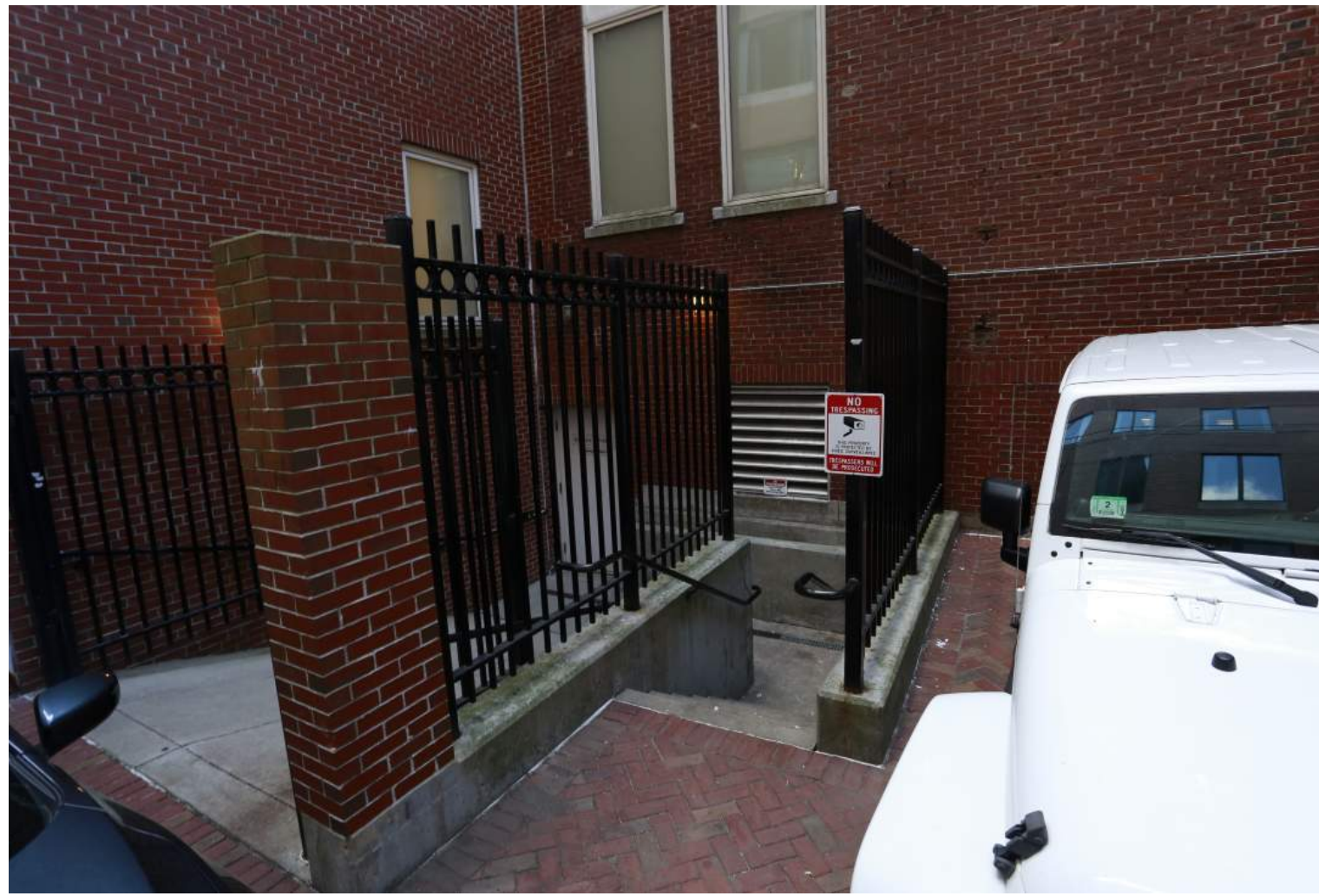
F: FACADE DETAILS & SIGNAGE

Submitted: 20 June 2017

CARTIER - 28 NEWBURY STREET

GENSLER

1: EXISTING BACK RAMP & STAIR



2: EXISTING REAR PARKING



4: EXISTING REAR ELEVATION



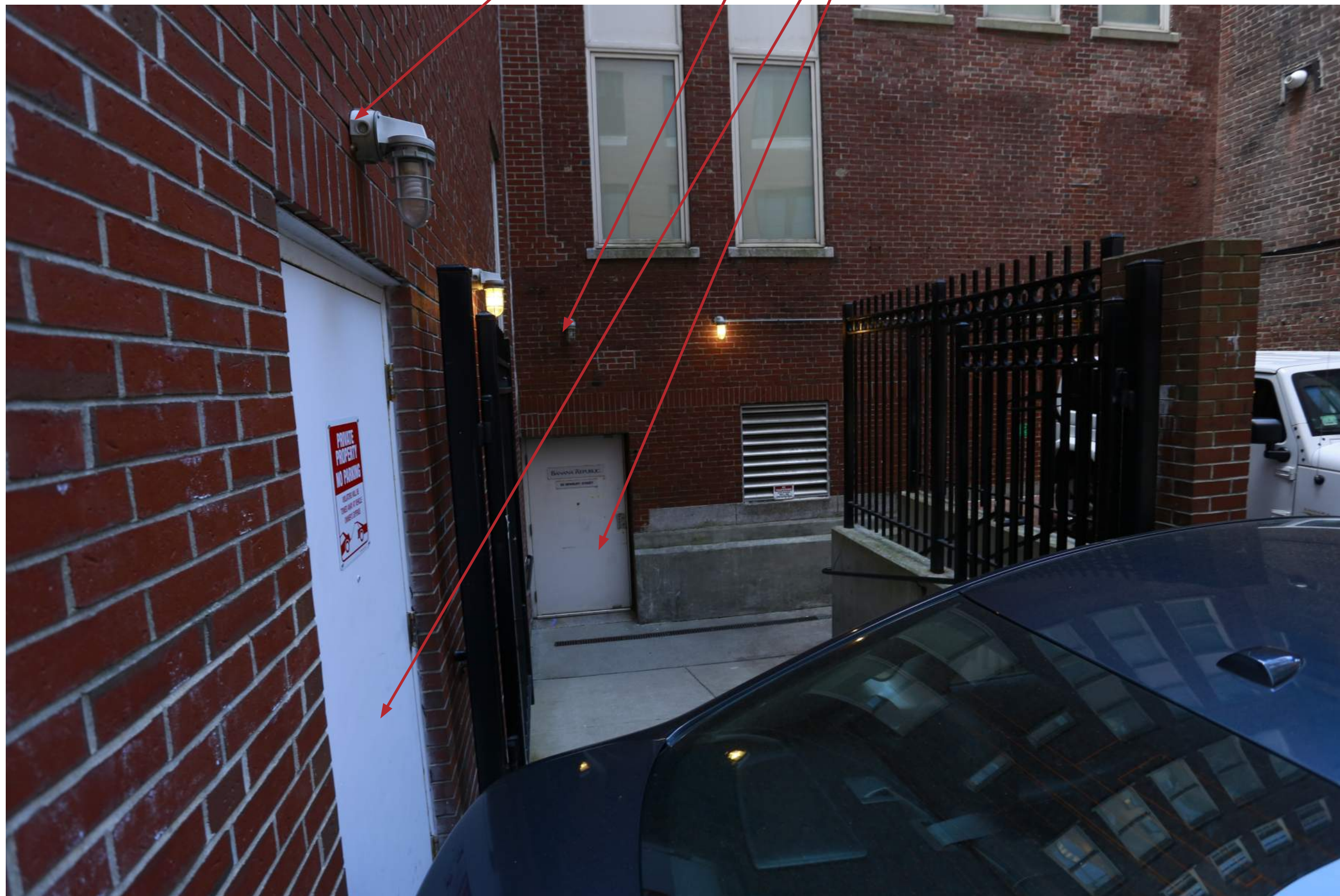
EXISTING WINDOWS AND FRAMES TO BE CLEANED AND PAINTED TO MATCH EXISTING.

LOCALIZED BRICK REPOINTING TO MATCH EXISTING

EXISTING LIGHTS TO BE REPLACED BY SECURITY LIGHTS WITH MOTION SENSORS. SECURITY CAMERAS TO BE ADDED AS PART OF SECURITY PROTOCOL. REFER TO SHEET 'H' FOR SPECIFICATIONS OF BASIS OF DESIGN. ANY NEW CONDUIT WILL NOT BE EXPOSED.

EXISTING HOLLOW METAL DOORS WITH WHITE PAINT FINISH TO BE REPLACED WITH NEW HOLLOW METAL DOORS WITH WHITE PAINT TO MATCH THE EXISTING DOOR. NO CHANGE IN THE OPENING SIZE OR SHAPE.

3: EXISTING REAR DOORS



4: EXAMPLE OF SECURITY CAMERAS



G: REAR ELEVATION

1: PROPOSED MOTION SENSOR



EW LOW VOLTAGE OUTDOOR MOTION SENSOR



Product Overview

The EW-205-24 outdoor motion sensors provide motion based control of outdoor lighting. Raintight and rated for -40°F to 130°F, EW sensors perform reliably in all weather conditions.

The EW-205-24 sensors operate at 24 VDC and are mounted onto a standard outdoor junction box. Utilizing passive infrared (PIR) technology, the sensors detect the difference between infrared energy in motion and the background

space to turn lighting on when a person or vehicle enters the coverage area. After the area is vacated and the time delay elapses, lighting automatically turns off. The EW's dual PIR detectors and three level lens increase the detection density as well as the accuracy of motion detection. Mount the sensor where it will have a clear line of sight of the area to be sensed.

Models

EW-205-24

Specifications and Features

Operating Voltage: 24 VDC
 Power Consumption: 7mA @ 24VDC
 Sensor dimensions: 6.7" x 3.2" x 2.2" (170mm x 80mm x 55mm)
 PIR coverage: 270°
 Adjustable light level: 0.5 to 200 footcandles (5.4 to 2153.8 lux)
 Designed for indoor and outdoor use
 1/2" threaded nipple fits standard NEMA weather proof fixture fitting
 Operating conditions: -40° to 130°F (-40° to 54°C); 5% to 95% RH, non condensing
 Front rotates for easy coverage adjustment
 User-adjustable time delay from 12 seconds to 16 minutes
 Optional override-ON to turn lights on remotely for the length of the time delay
 UL and cUL listed 773A raintight
 Five year warranty

Materials

Polycarbonate, flame retardant, UV resistant

Factory Defaults

Time Delay: 12 seconds
 Light Level: 200 footcandles

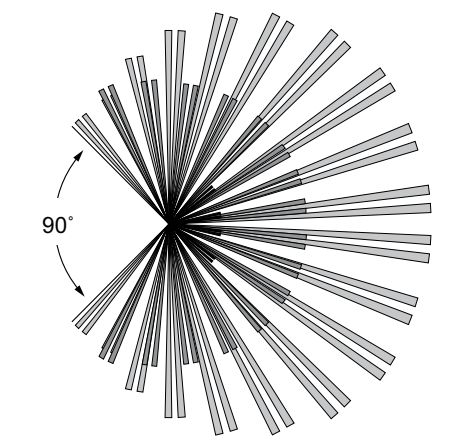


Figure 1. PIR Coverage: Overhead view.

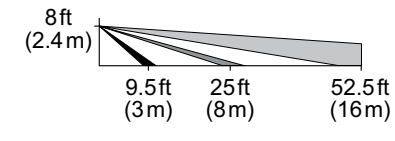


Figure 2. PIR Coverage: Side view.

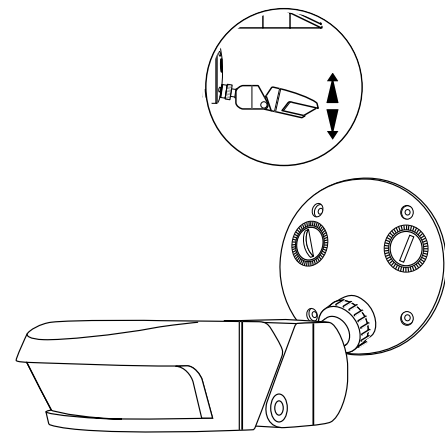


Figure 3. EW-205-24 mounting and positioning.

2: PROPOSED EXTERIOR LIGHTS

Wall luminaires with directed light in one direction

Housing: One Piece, die cast aluminum housing with a one piece, die cast aluminum mounting plate. The mounting plate is supplied with a flat plate that mounts directly to a standard, recessed 4" octagonal wiring box. Die castings are marine grade, copper free (s 0.3% copper content) A360.0 aluminum alloy.

Enclosure: Clear tempered glass diffuser. Provided reflector made of pure anodized aluminum. Housing is secured to the mounting plate with two (2) mechanically captive, stainless steel set screws.

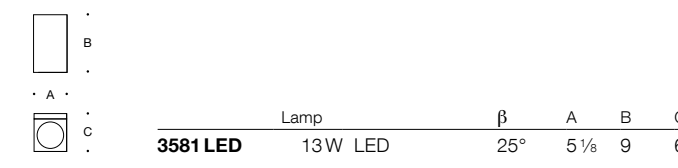
Electrical: 13W LED luminaire, 16 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (B5 CRI); add suffix K4 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP64
Weight: 5.3 lbs.

Luminaire Lumens: 449
 Tested in accordance with LM-79-08



BEGA-US 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
 Copyright BEGA-US 2014 Updated 05/14

Type: BEGA
 Product: Project
 Voltage: Color
 Options: Modified:

3: PROPOSED SECURITY CAMERAS



DATASHEET

AXIS P33 Network Camera Series – Outdoor models

Fixed domes for any environment with remote focus and zoom.



- > 5 MP and HDTV
- > WDR and Lightfinder
- > Built-in IR illumination
- > Remote focus and zoom
- > P-Iris control
- > IK10 impact-resistant, outdoor-ready models



AXIS P33 Network Cameras constitute a series of indoor and outdoor-ready fixed domes. These cameras are ideal for unobtrusive video surveillance, day and night, in exposed areas such as city surveillance, airports, railway stations, retail stores, office buildings, museums, schools and university campuses.

AXIS P33 Series offers models with exceptional image quality from SVGA resolution up to 5 megapixel, including SMPTE-compliant HDTV 720p and 1080p video. AXIS P33 Series provides multiple, individually configurable H.264 and Motion JPEG video streams.

The SVGA and HDTV 720p/1MP models support Axis' Lightfinder technology, which makes these cameras extremely sensitive to low light. AXIS P3384-VE that additionally supports wide dynamic range (WDR) with 'dynamic capture', provides outstanding video quality in the most demanding conditions with strong variations in light. The 5 megapixel model, AXIS P3367-VE, can cover a large area with exceptional detail and light sensitivity. All AXIS P33 models support P-Iris control for optimal image clarity.

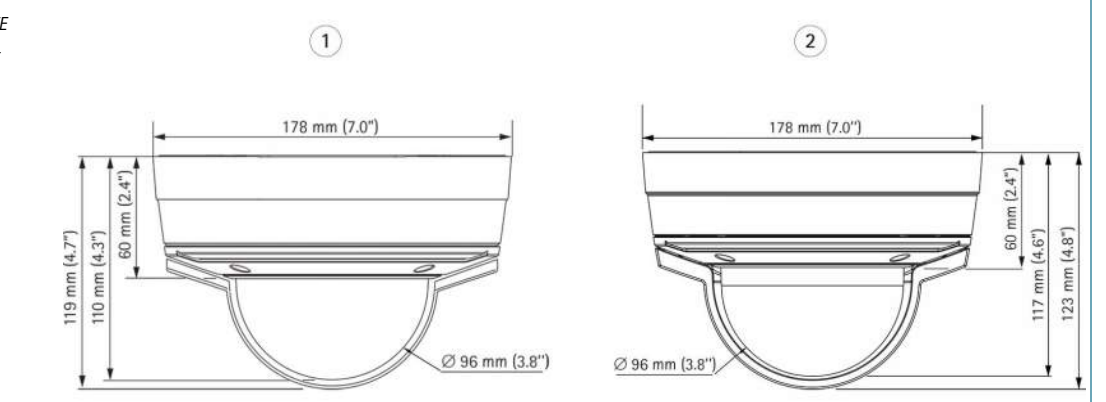
AXIS P3364-LVE incorporates new long-life LED technology that is highly power-efficient. Adjustable in angle and intensity, the built-in IR solution offers easy configuration optimizing for the scene. All AXIS P33 cameras support the remote focus capability that eliminates hands-on focusing at the camera, and remote zoom that allows the camera's angle of view to be optimized.

All AXIS P33 cameras offer digital pan/tilt/zoom and the 3-megapixel and 5-megapixel models additionally provide multi-view streaming. The weatherproof AXIS P33-VE-LVE cameras have low, environmental-friendly power consumption supplied by standard Power over Ethernet (IEEE 802.3af), and operate in a wide temperature range from -40 °C to 55 °C (-40 °F to 131 °F).

4: PROPOSED SECURITY CAMERAS

Dimensions

1. AXIS P3363-VE/P3364-VE/P3364-LVE
2. AXIS P3384-VE/P3346-VE/P3367-VE



Optional accessories

1. Pendant adapter kit including weather shield
2. AXIS T81661 Wall Bracket
3. AXIS T81664 Corner Bracket
4. I/O audio cable, 5 m (16 ft)
5. AXIS T804 Illuminators
6. Cable shield, optionally including AXIS P33-VE 3/4" NPS adapter

Technical Specifications – AXIS P33 Network Camera Series – Outdoor models

Models	Shutter time
AXIS P3363-VE: SVGA, Lightfinder AXIS P3364-LVE: 1 MP, Lightfinder AXIS P3364-VE: 1 MP, IR Illumination, Lightfinder AXIS P3384-VE: 1 MP, WDR - dynamic capture, Lightfinder AXIS P3346-VE: 3 MP, multi-view streaming AXIS P3367-VE: 5 MP, multi-view streaming Note: All models are vandal resistant and support audio and I/O ports 6 mm and 12 mm as suffix refer to lens model	AXIS P3363-VE/P3364-VE/P3364-LVE: 1/24000 s to 2 s with power line frequency 50 Hz, 1/29500 s to 2 s with power line frequency 60 Hz AXIS P3384-VE: Dynamic capture: 1/192 s to 1/37 s with power line frequency 50 Hz, 1/221 s to 1/44 s with power line frequency 60 Hz Lightfinder: 1/24500 s to 2 s with power line frequency 50 Hz, 1/29500 s to 2 s with power line frequency 60 Hz AXIS P3346-VE: 1/25500 s to 1/6 s AXIS P3367-VE: 1/28000 s to 2 s
Camera	Camera angle adjustment
AXIS P3363-VE: Progressive scan RGB CMOS 1/3" AXIS P3364-LVE: Progressive scan RGB CMOS 1/3" AXIS P3384-VE: Progressive scan RGB CMOS 1/3" AXIS P3346-VE: Progressive scan RGB CMOS 1/3" (effective) AXIS P3367-VE: Progressive scan RGB CMOS 1/3.2"	AXIS P3363-VE/P3364-VE/P3364-LVE: Pan 360°, tilt 170°, rotation 340° AXIS P3384-VE/P3346-VE/P3367-VE: Pan 360°, tilt 160°, rotation 340°
Image sensor	Video compression
Varifocal, Remote focus and zoom, P-Iris control, IR corrected, Megapixel resolution AXIS P3363-VE/P3364-VE/P3364-LVE 6 mm: 2.5-6 mm, 105-49° view°, F1.2 AXIS P3363-VE/P3364-VE/P3364-LVE 12 mm: 3.3-12 mm, 92-24° view°, F1.4 AXIS P3384-VE: 3-9 mm, 84-30° view°, F1.2 AXIS P3346-VE: 3-9 mm, 84-30° view°, F1.2 AXIS P3367-VE: 3-9 mm, 84-30° view°, F1.2	H.264 Baseline and Main Profile (MPEG-4 Part 10)AVC Motion JPEG
Lens	Resolutions
AXIS P3363-VE: 800x600 (SVGA) to 1600x0 AXIS P3364-VE/P3364-LVE/P3384-VE: 1280x800 (approx. 1.3 MP) to 160x0 AXIS P3346-VE: 2048x1536 (5 MP) to 160x0 AXIS P3367-VE: 2592x1944 (5 MP) to 160x0	AXIS P3363-VE/P3364-VE/P3364-LVE: 25/30 fps with power line frequency 50/60 Hz AXIS P3346-VE: 3 MP capture mode: 20 fps in all resolutions; HDTV 1080p (1920x1080) and 2 MP 4:3 (1600x1200) capture modes: 30 fps in all resolutions AXIS P3367-VE: 5 MP capture mode: 12 fps in all resolutions; and capable of all AXIS P3346-VE capture modes
Day and night	Frame rate
Automatically removable infrared-cut filter	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/CBR H.264
Minimum illumination	Video streaming
AXIS P3363-VE/P3364-VE 6 mm: Color: 0.1 lux, F1.2, B/W: 0.02 lux, F1.2 0.02 lux, F1.2 0 lux with IR illumination on AXIS P3363-VE/P3364-VE 12 mm: Color: 0.15 lux, F1.4, B/W: 0.02 lux, F1.4 0.02 lux, F1.4 0 lux with IR illumination on AXIS P3384-VE: Color: 0.18 lux, F1.4, B/W: 0.04 lux, 0 lux with IR illumination on AXIS P3346-VE: Color: 0.5 lux, F1.2, B/W: 0.08 lux, F1.2 with dynamic capture Color: 0.15 lux, F1.2, B/W: 0.03 lux, F1.2 with Lightfinder AXIS P3346-VE: Color: 0.5 lux, F1.2, B/W: 0.08 lux, F1.2 AXIS P3367-VE: Color: 0.2 lux, B/W: 0.04 lux, F1.2	

1: EXISTING REAR DOOR



2: EXISTING REAR PARKING



EXISTING BRICK PAVERS IN HERRINGBONE PATTERN TO BE REMOVED AND REPLACED WITH NEW BRICK PAVERS IN HERRINGBONE PATTERN TO MATCH EXISTING.

EXISTING HANDRAILS AT RAMP AND STAIR WITH BLACK FINISH TO BE REMOVED AND REPLACED WITH NEW HANDRAILS WITH BLACK FINISH TO MATCH EXISTING; TYP.

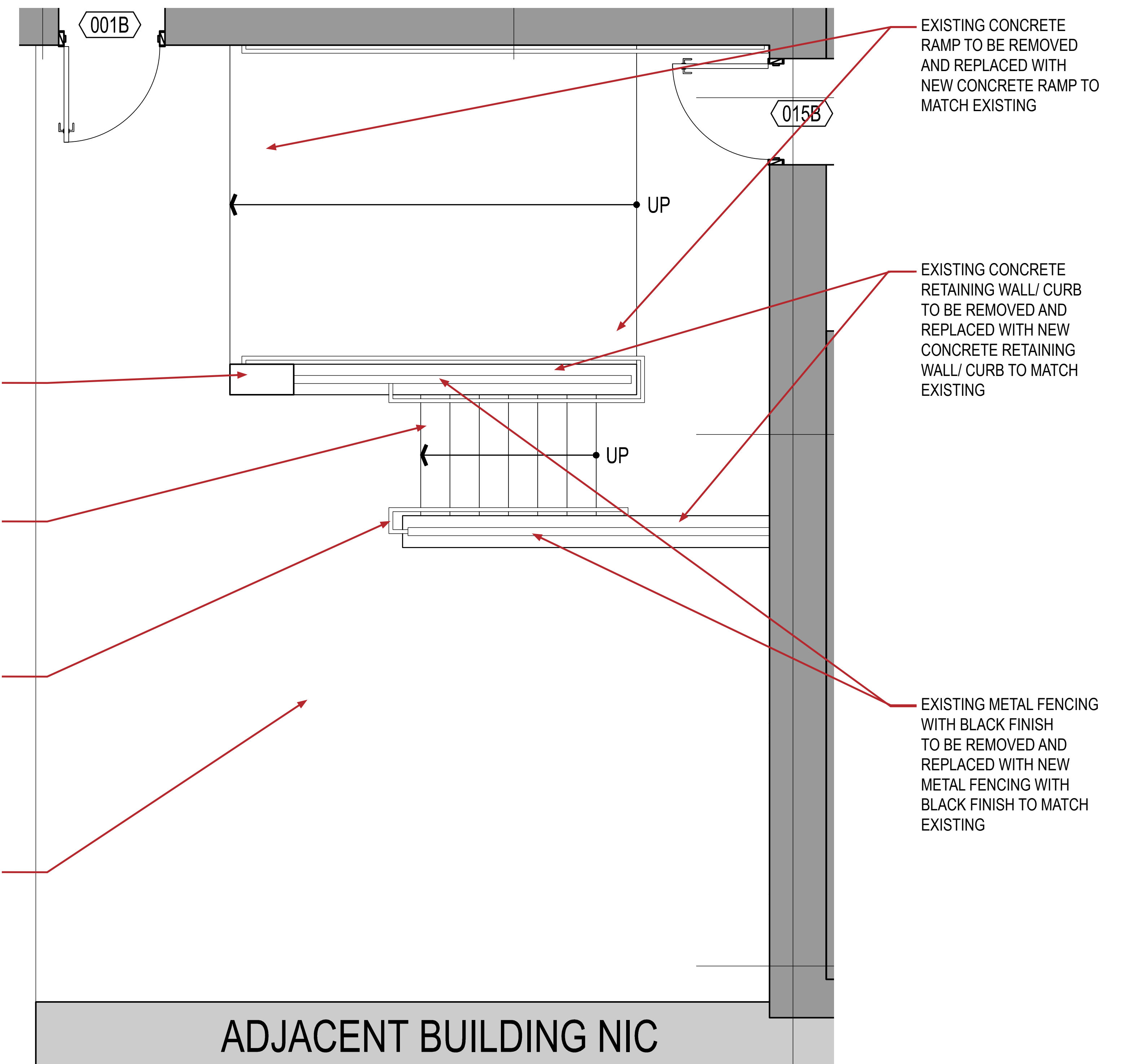
EXISTING BRICK WALL TO BE REMOVED AND REPLACED WITH NEW BRICK WALL TO MATCH EXISTING.

EXISTING CONCRETE STAIRS TO BE REMOVED AND REPLACED WITH NEW CONCRETE STAIRS TO MATCH EXISTING.

EXISTING HANDRAILS AT RAMP AND STAIR WITH BLACK FINISH TO BE REMOVED AND REPLACED WITH NEW HANDRAILS WITH BLACK FINISH TO MATCH EXISTING.

EXISTING BRICK PAVERS IN HERRINGBONE PATTERN TO BE REMOVED AND REPLACED WITH NEW BRICK PAVERS IN HERRINGBONE PATTERN TO MATCH EXISTING.

3: EXISTING REAR PARKING SITE PLAN



EXISTING CONCRETE RAMP TO BE REMOVED AND REPLACED WITH NEW CONCRETE RAMP TO MATCH EXISTING

EXISTING CONCRETE RETAINING WALL/ CURB TO BE REMOVED AND REPLACED WITH NEW CONCRETE RETAINING WALL/ CURB TO MATCH EXISTING

EXISTING METAL FENCING WITH BLACK FINISH TO BE REMOVED AND REPLACED WITH NEW METAL FENCING WITH BLACK FINISH TO MATCH EXISTING

4: EXISTING BACK RAMP & STAIR



EXISTING METAL FENCING WITH BLACK FINISH TO BE REMOVED AND REPLACED WITH NEW METAL FENCING WITH BLACK FINISH TO MATCH EXISTING; TYP.

EXISTING BRICK WALL TO BE REMOVED AND REPLACED WITH NEW BRICK WALL TO MATCH EXISTING.

EXISTING CONCRETE RETAINING WALL/ CURB TO BE REMOVED AND REPLACED WITH NEW CONCRETE RETAINING WALL/ CURB TO MATCH EXISTING; TYP.

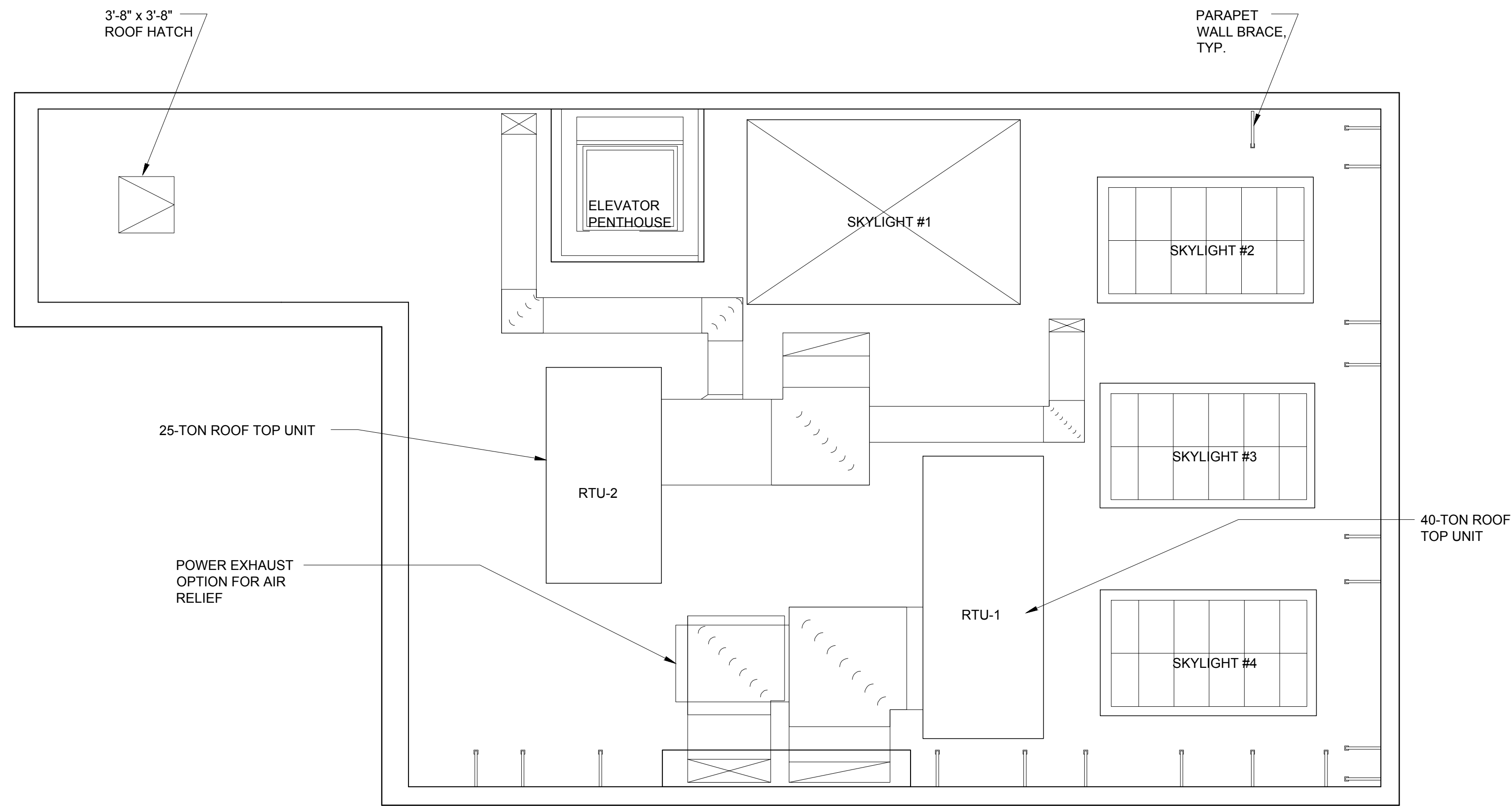
EXISTING CONCRETE STAIRS TO BE REMOVED AND REPLACED WITH NEW CONCRETE STAIRS TO MATCH EXISTING; TYP.

EXISTING CONCRETE RAMP TO BE REMOVED AND REPLACED WITH NEW CONCRETE RAMP TO MATCH EXISTING; TYP.

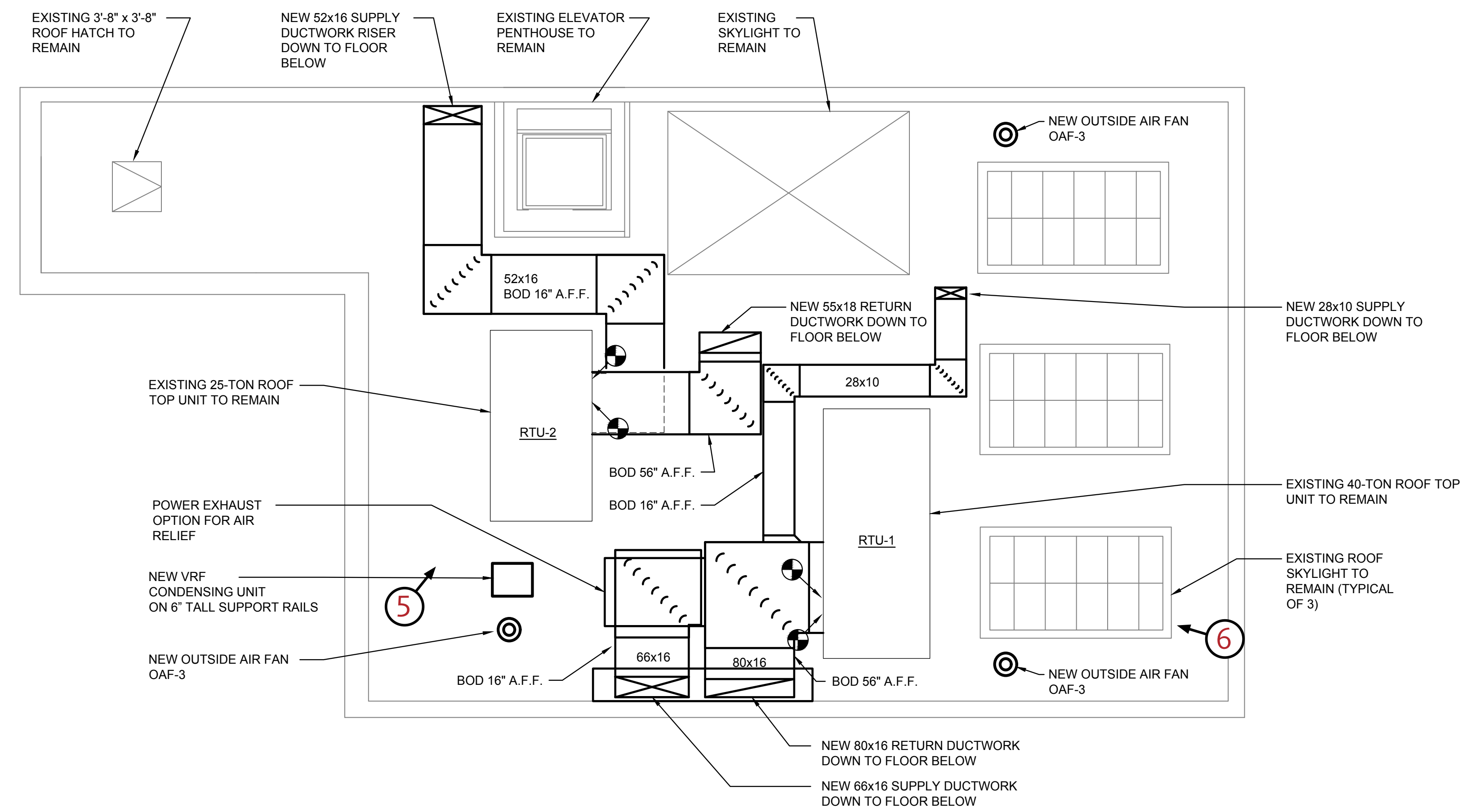
GENERAL NOTE: REMOVAL OF THE EXISTING COMPONENTS IN THE REAR PARKING AND LOADING AREA IS DUE TO THE SCOPE OF WORK NECESSARY TO INSTALL THE GROUND WATER RECHARGE SYSTEM. ALL ELEMENTS THAT ARE TO BE REMOVED WILL BE REPLACED, AFTER INSTALLATION OF THE RECHARGE SYSTEM IS COMPLETE, TO MATCH THE EXISTING MATERIALS, CONSTRUCTION, AND FINISHES.

I: REAR PARKING & LOADING DOCK AREA

1: ROOF PLAN - EXISTING CONDITIONS



2: ROOF PLAN - PROPOSED

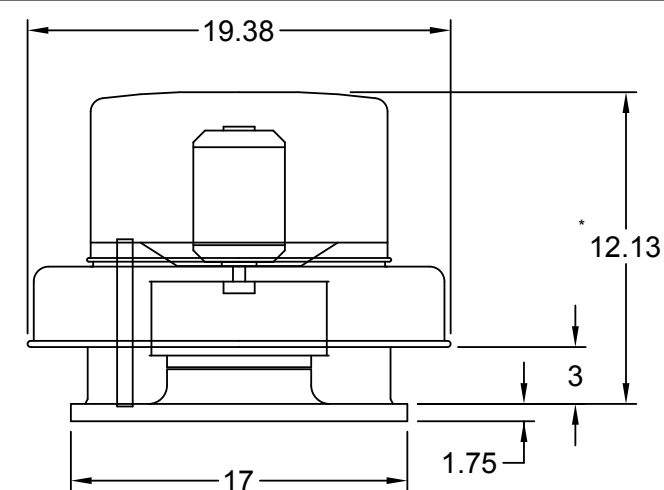


3: PROPOSED EXHAUST FAN

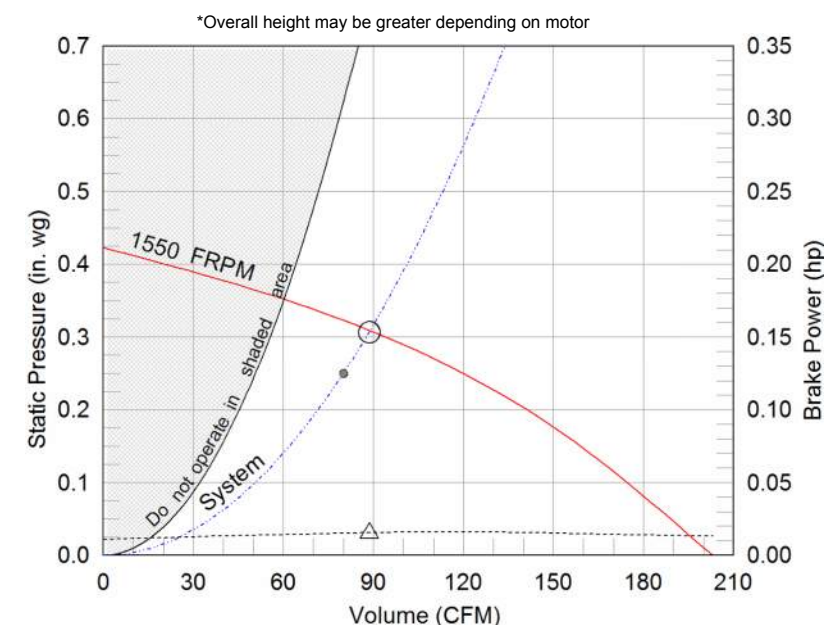
GREENHECK Building Value in Air. Printed Date: 5/11/2017
 Job: Cartier - Newbury Street Boston Mark: OAF-1 Model: G-060-D

Model: G-060-D
 Direct Drive Centrifugal Roof Exhaust Fan

Dimensional	
Quantity	1
Weight w/o Acc's (lb)	16
Weight w/ Acc's (lb)	18
Roof Opening (in.)	10.5 x 10.5



Performance	
Requested Volume (CFM)	80
Actual Volume (CFM)	89
External SP (in. wg)	0.25
Total SP (in. wg)	0.307
Fan RPM	1550
Operating Power (hp)	0.02
Elevation (ft)	23
Airstream Temp (F)	70
Air Density (lb/ft ³)	0.075
Tip Speed (ft/min)	3,297
Static Eff. (%)	28



Motor	
Motor Mounted	Yes
Size (hp)	1/60 (or greater)
Voltage/Cycle/Phase	115/60/1
Enclosure	ODP
Motor RPM	1550
Windings	1

Notes:
 All dimensions shown are in units of in.
 *Please consult factory for actual motor amp draw.
 LWA: A weighted sound power level, based on ANSI S1.4 dBA. A weighted sound pressure level, based on 11.5 dB attenuation per octave band at 1 ft. dBA levels are not licensed by AMCA International.
 Some cancelled amp AMCA 301 at 5 ft

Sound Power by Octave Band											
Sound Data	62.5	125	250	500	1000	2000	4000	8000	LWA	dBA	Score
dB	58	61	59	49	47	48	40	33	55	44	3.8

4: PROPOSED VFR CONDENSING UNIT

CITYMULTI Model: 6-TON PURY-P72TLMU-A (-BS) **MITSUBISHI ELECTRIC**
 Job Name: CARTIER - NEWBURY STREET BOSTON System Reference: CU-1 Date: 03/08/2017



OUTDOOR VFR HEAT PUMP WITH HEAT RECOVERY SYSTEM

- UNIT OPTION**
 Standard Model.....PURY-P72TLMU-A
 Seacoast (BS) Model.....PURY-P72TLMU-A-BS
- ACCESSORIES**
 Joint Kit.....for details see Pipe Accessories Submittal
 BC Controller (required).....for details see BC Controller Submittal
 Low Ambient Kit.....for details see Low Ambient Kit Submittal
 Snow/Hail Guards Kit.....for details see Snow/Hail Guards Kit Submittal
 Base Pan Heater Kit.....for details see Base Pan Heater Kit Submittal

Specifications	Unit Type	Model Name
Nominal Cooling Capacity (208/230V)	Btu/h	PURY-P72TLMU-A (-BS)
Nominal Heating Capacity (208/230V)	Btu/h	72,000
Operating Temperature Range *1	Cooling (Outdoor) *2	23-126° F (-5-52° C) DB
	Heating (Outdoor)	-13-60° F (-25-15.5° C) WB
External Dimensions (H x W x D)	In. (mm)	64-31/32 x 36-1/4 x 29-5/32 (1,650 x 920 x 740)
Net Weight	Lbs. (kg)	444 (201)
External Finish		Pre-coated galvanized steel sheet
Electrical Power Requirements	Voltage, Phase, Hertz	208 / 230V, 3-Phase, 60Hz
Minimum Circuit Ampacity (MCA)	A	24 / 22
Maximum Overcurrent Protection (MOP)	A	35 / 35
Piping Diameter (Brazed) (In. / mm)	Liquid (High Pressure)	5/8 (15.88)
	Gas (Low Pressure)	3/4 (19.05)
Max. Total Refrigerant Line Length	FL	1,804
Max. Refrigerant Line Length (Between ODU & IDU)	FL	541
Max. Control Wiring Length	FL	1,640
Indoor Unit	Total Capacity	50-150% of outdoor unit capacity
	Model / Quantity	P06-P96/1-18
Sound Pressure Levels	dB(A)	58.0
Fan	Type x Quantity	Propeller fan x 1
	Airflow Rate	6,550
	External Static Pressure	Selectable: 0, 0.12 or 0.24"WG; factory set to 0"WG.
Compressor Operating Range		1% to 100%
Compressor Type x Quantity		Inverter scroll hermetic compressor
Refrigerant		R410A; 13 lbs. + 3 oz. (6.0 kg)
Protection Devices	High Pressure	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)
	Inverter Circuit (Comp. / Fan)	Over-current protection
	Fan Motor	Thermal switch
	EER	13.5 / 14.8
	IEER	23.1 / 28.1
	COP	3.65 / 4.30
	SCHE	25.9 / 28.4

NOTES:
 *1: When applying product below -4° F, consult your design engineer for cold climate application best practices, including the use of a backup source for heating.
 *2: For details on extended cooling operation range down to -10° F DB, see Low Ambient Kit Submittal.

5: EXISTING 20-TON RTU TO REMAIN



6: EXISTING 45-TON RTU TO REMAIN



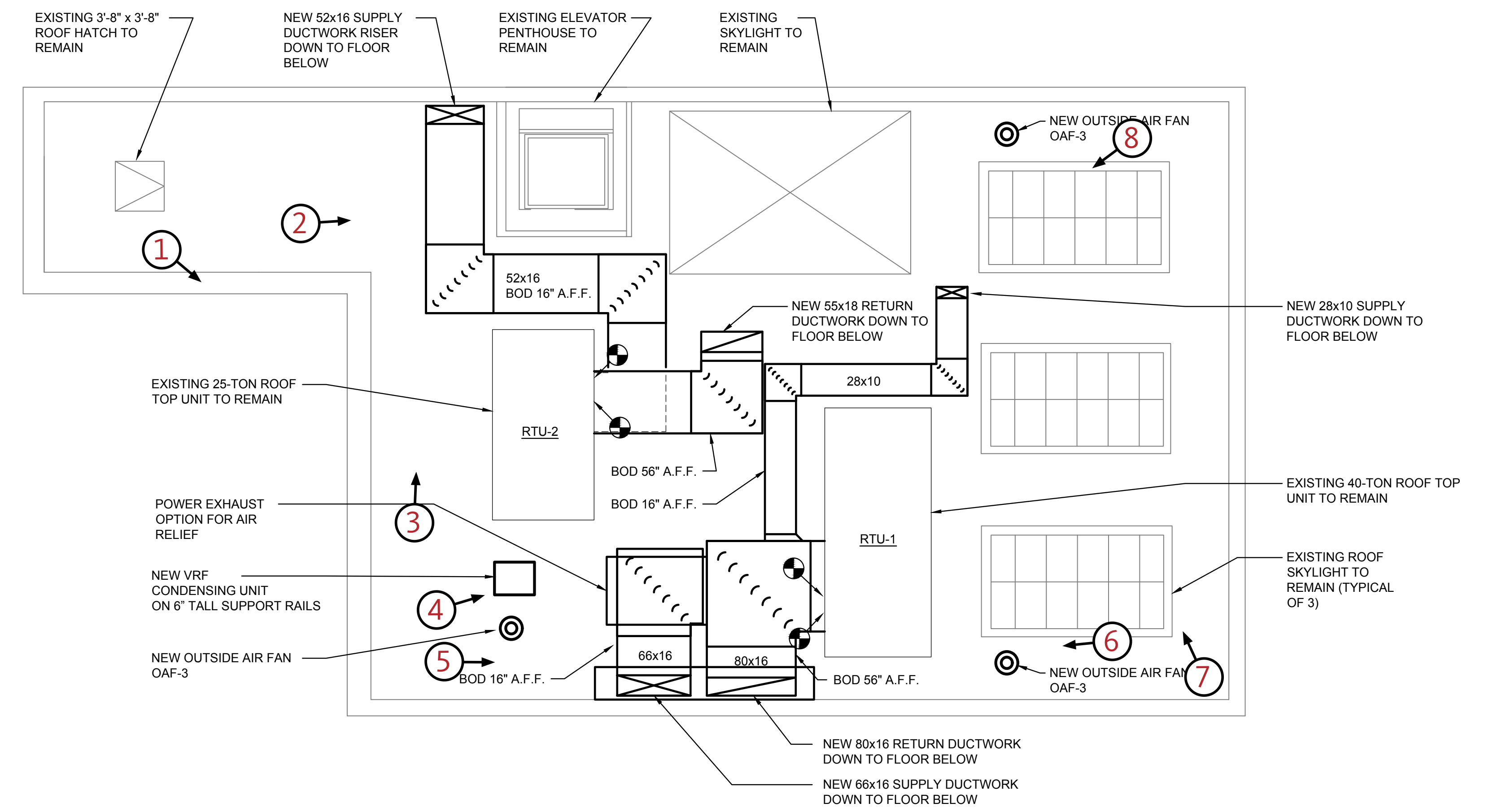
1: ROOF - EXISTING CONDITIONS



2: ROOF - EXISTING CONDITIONS



ROOF KEY PLAN



3: ROOF - EXISTING CONDITIONS



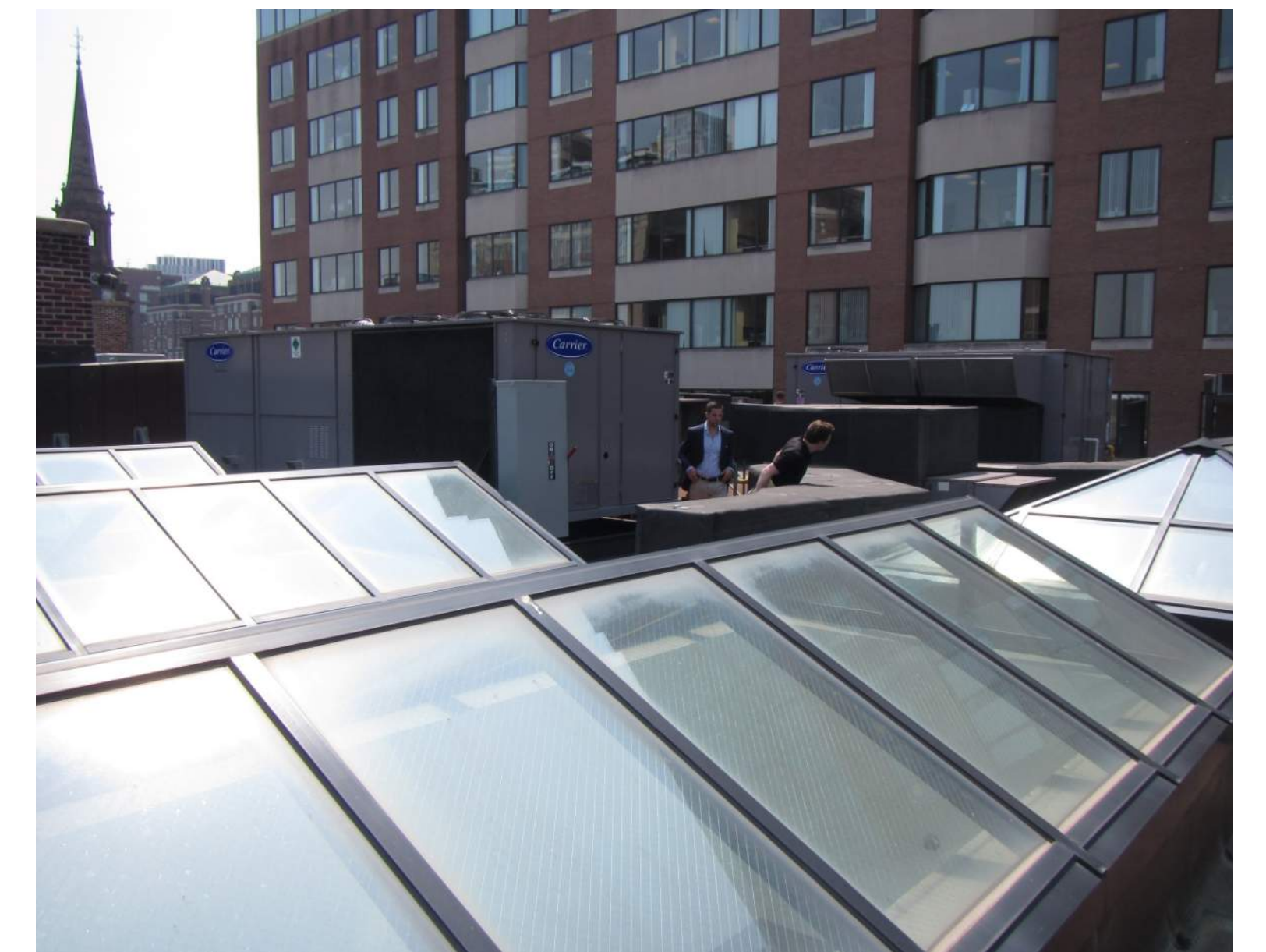
4: ROOF - EXISTING CONDITIONS



7: ROOF - EXISTING CONDITIONS



8: ROOF - EXISTING CONDITIONS



5: ROOF - EXISTING CONDITIONS



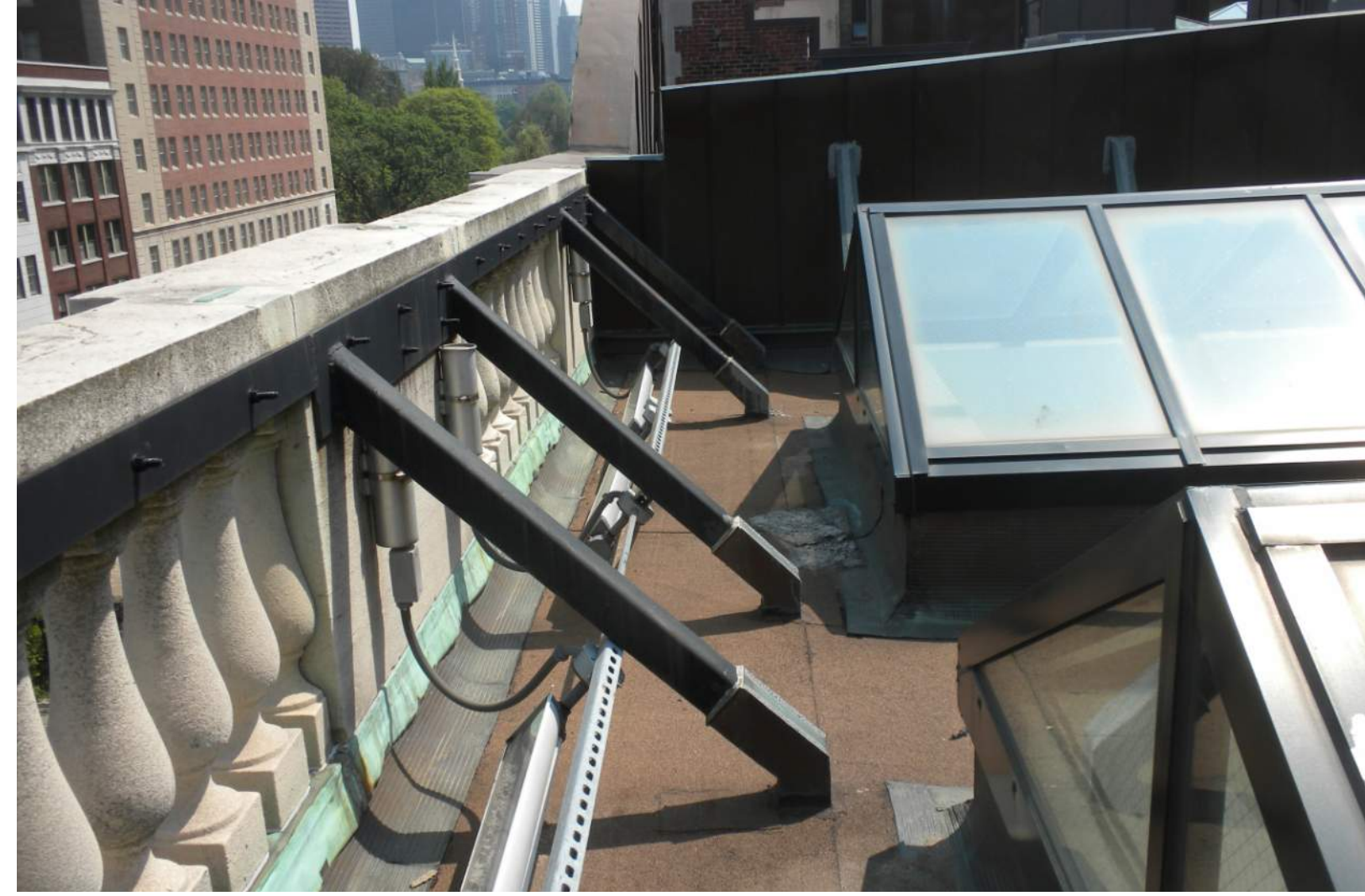
6: ROOF - EXISTING CONDITIONS



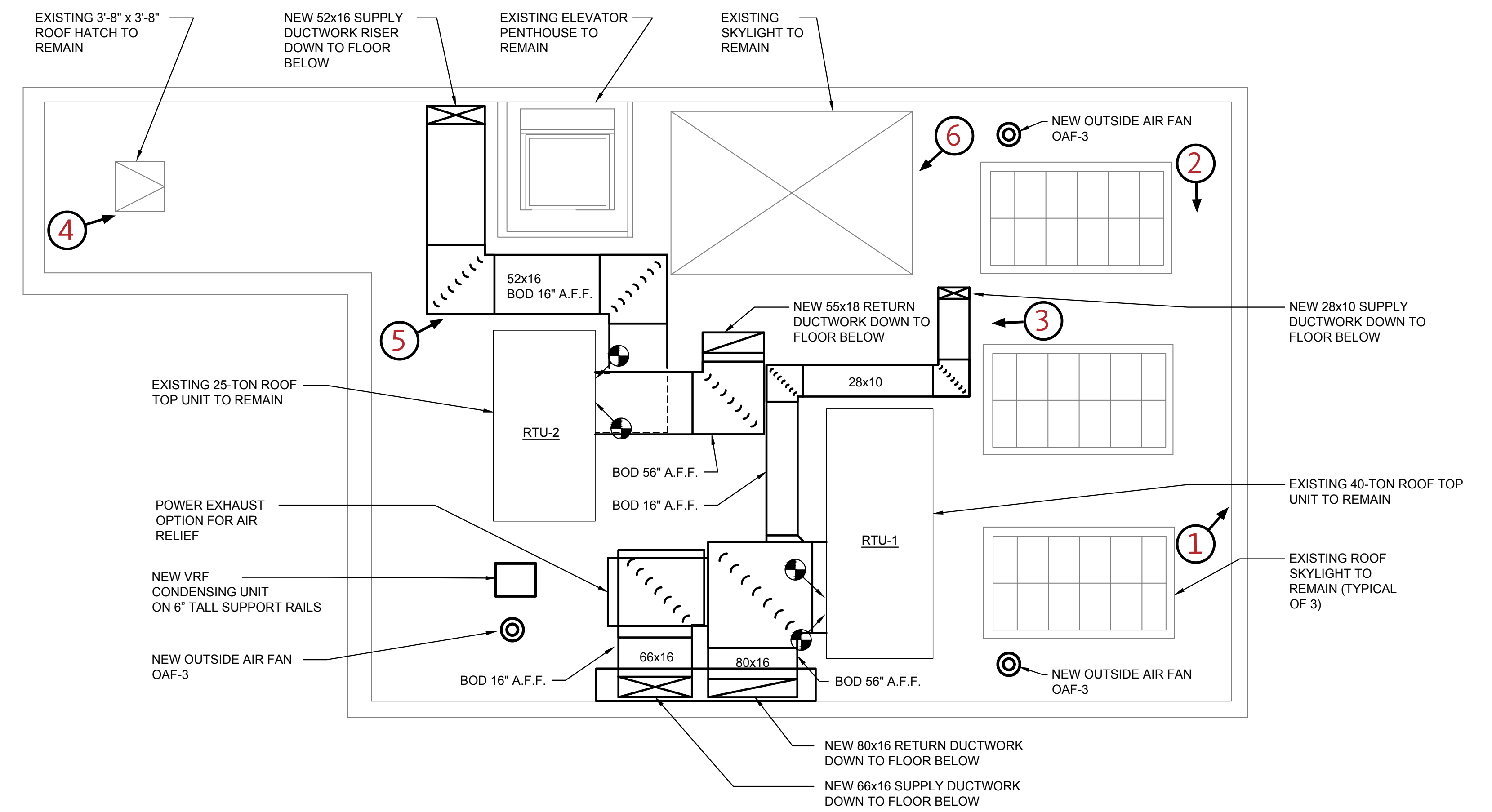
1: ROOF - EXISTING CONDITIONS



2: ROOF - EXISTING CONDITIONS



ROOF KEY PLAN



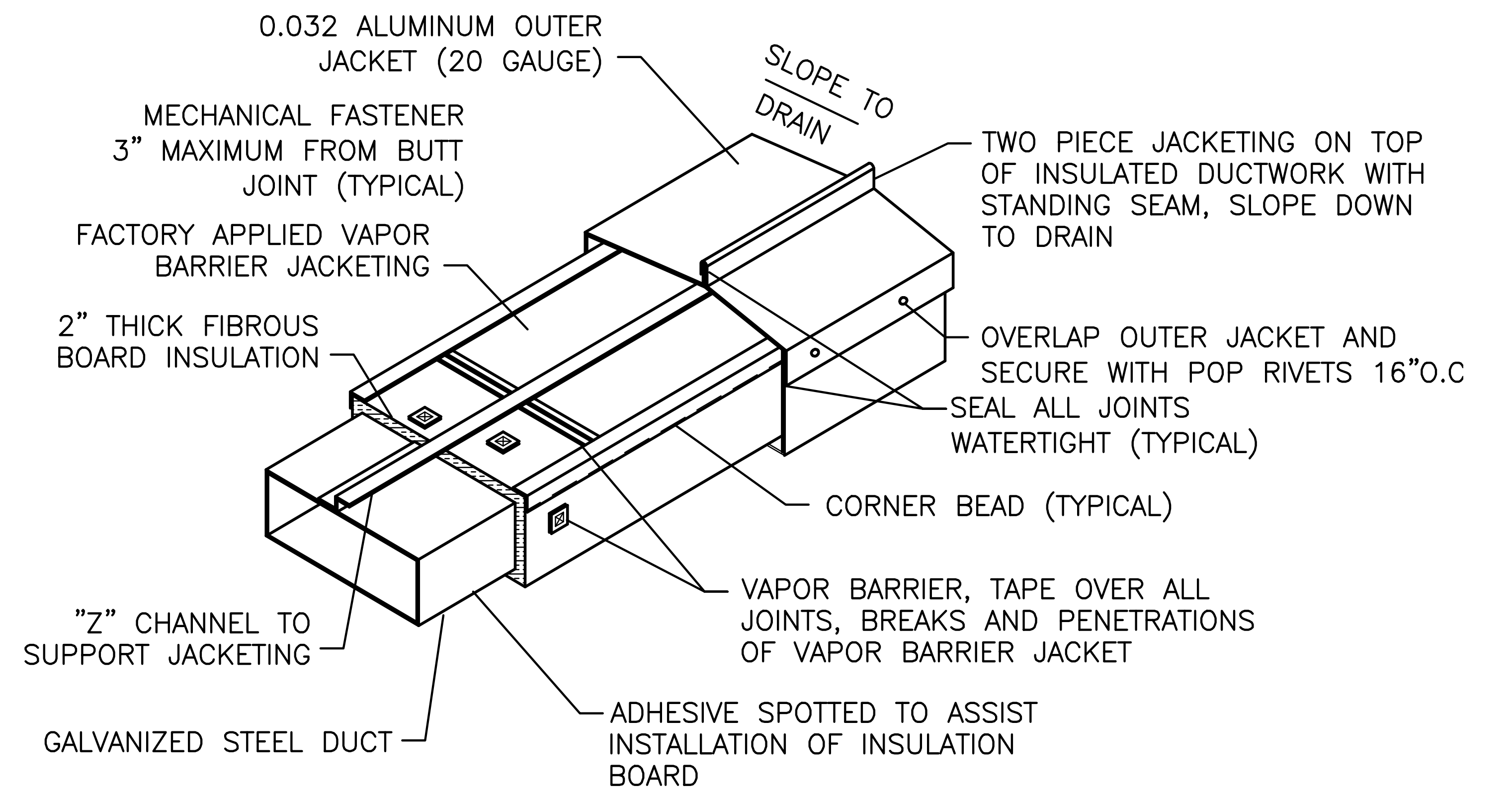
3: ROOF - EXISTING CONDITIONS



4: ROOF - EXISTING CONDITIONS



7: EXAMPLE DETAIL OF PROPOSED DUCTWORK



5: ROOF - EXISTING CONDITIONS



6: ROOF - EXISTING CONDITIONS



1: NEWBURY ST - (TBD)



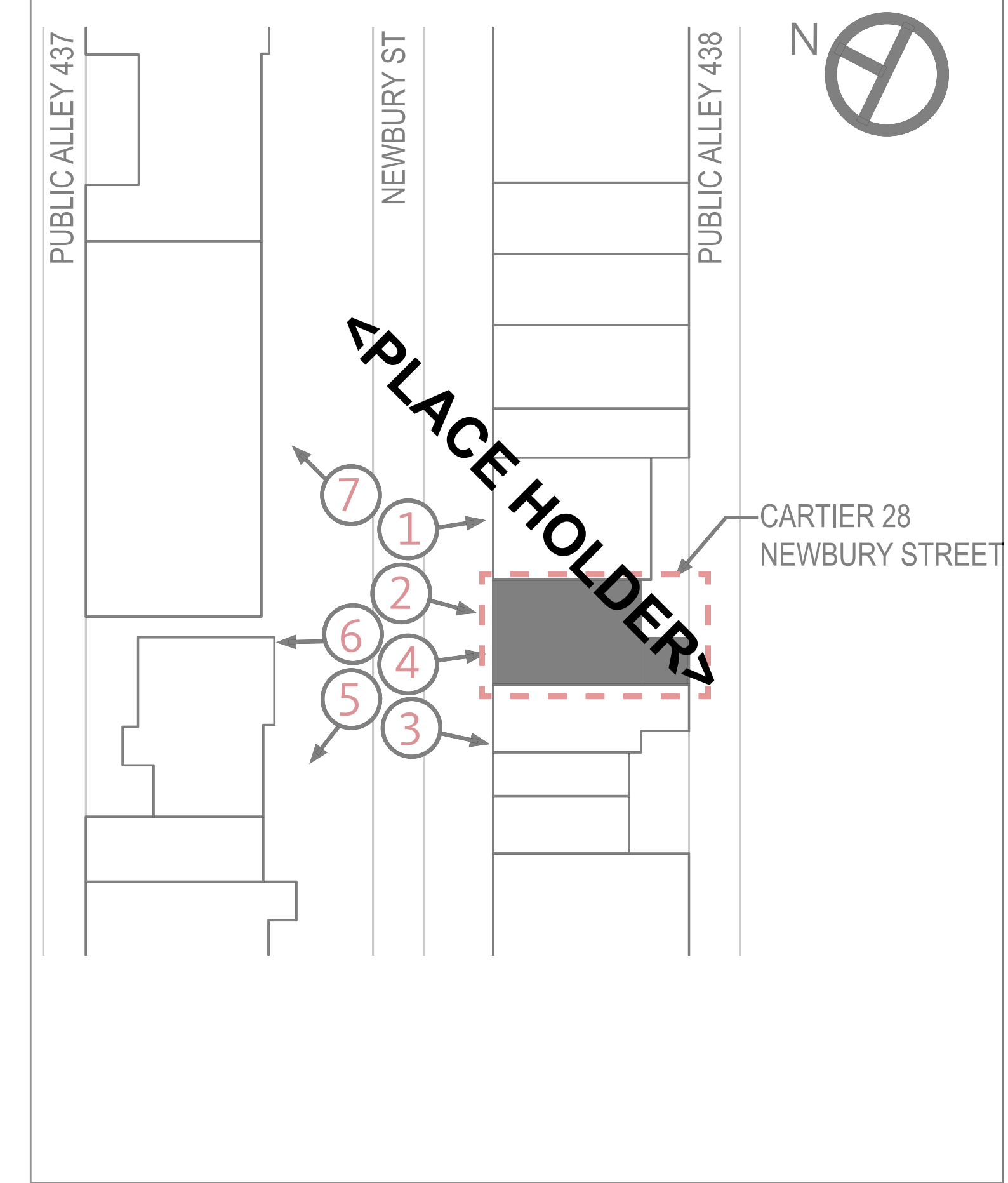
2: NEWBURY ST - (TBD)



3: NEWBURY ST - (TBD)



KEY PLAN



4: NEWBURY ST - (TBD)



5: NEWBURY ST - (TBD)



6: PUBLIC ALLEY 438 - (TBD)



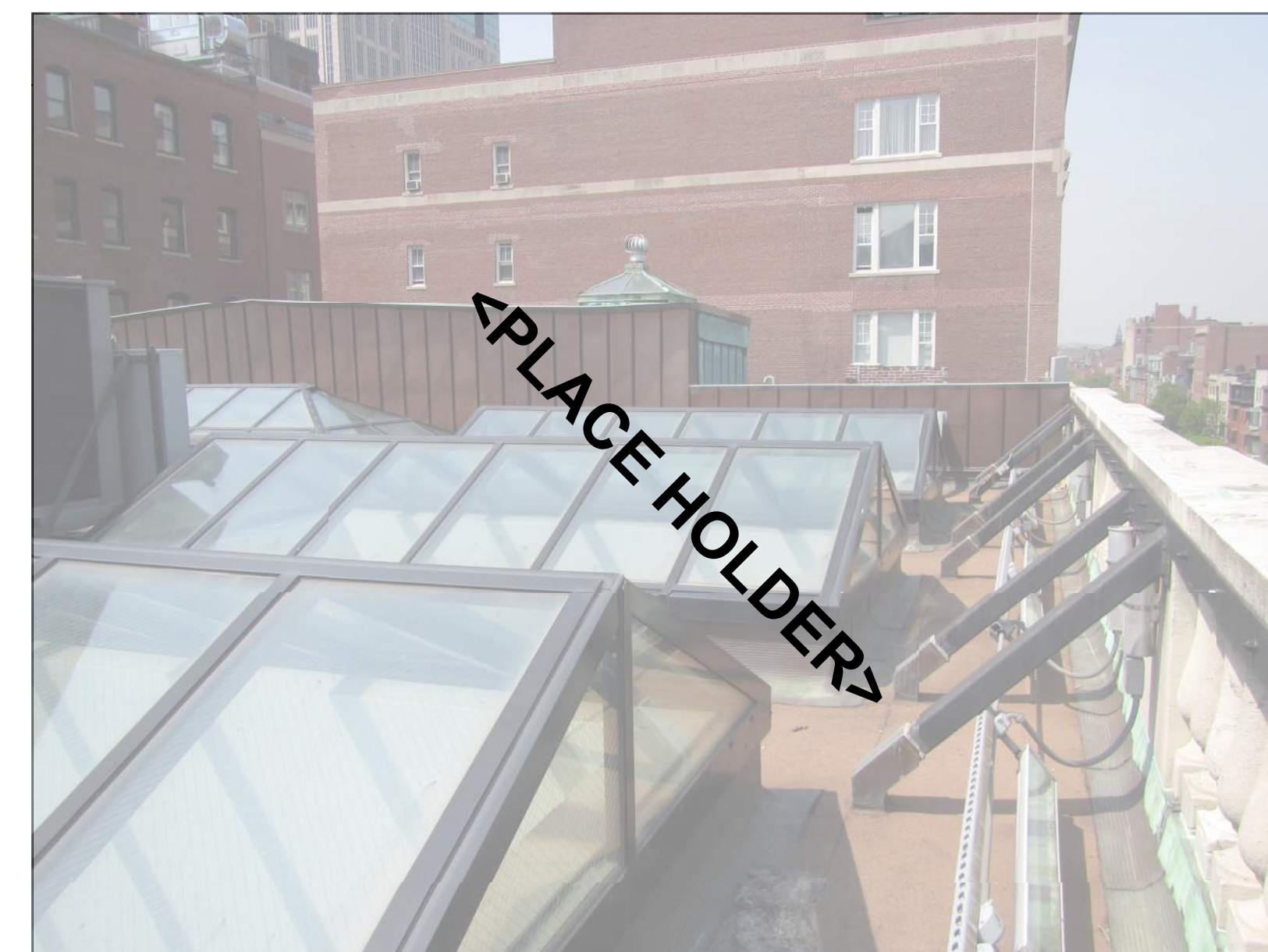
7: PUBLIC ALLEY 438 - (TBD)



8: PUBLIC ALLEY 438 - (TBD)



9: PUBLIC ALLEY 438 - (TBD)



10: PUBLIC ALLEY 438 - (TBD)

