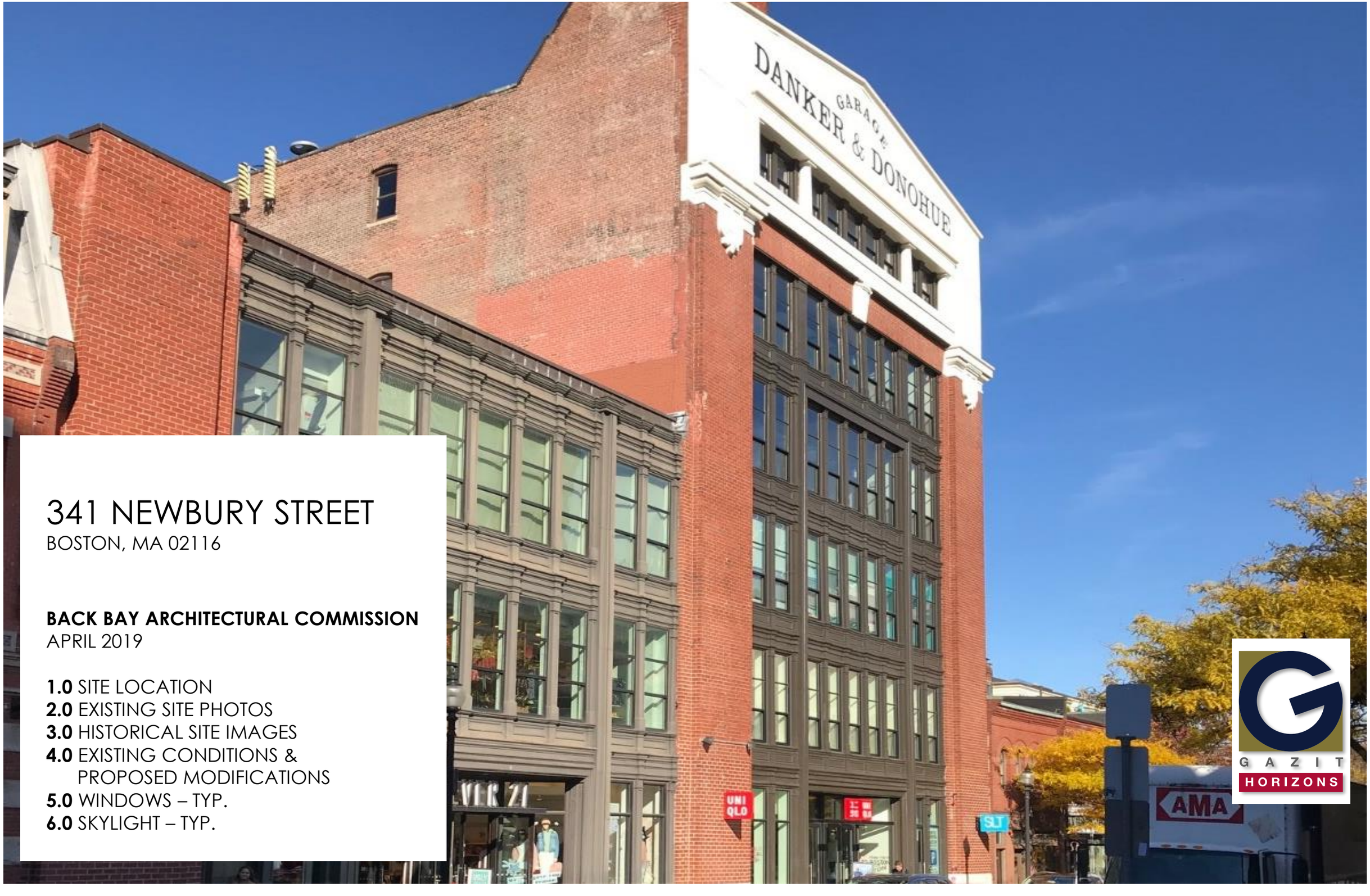


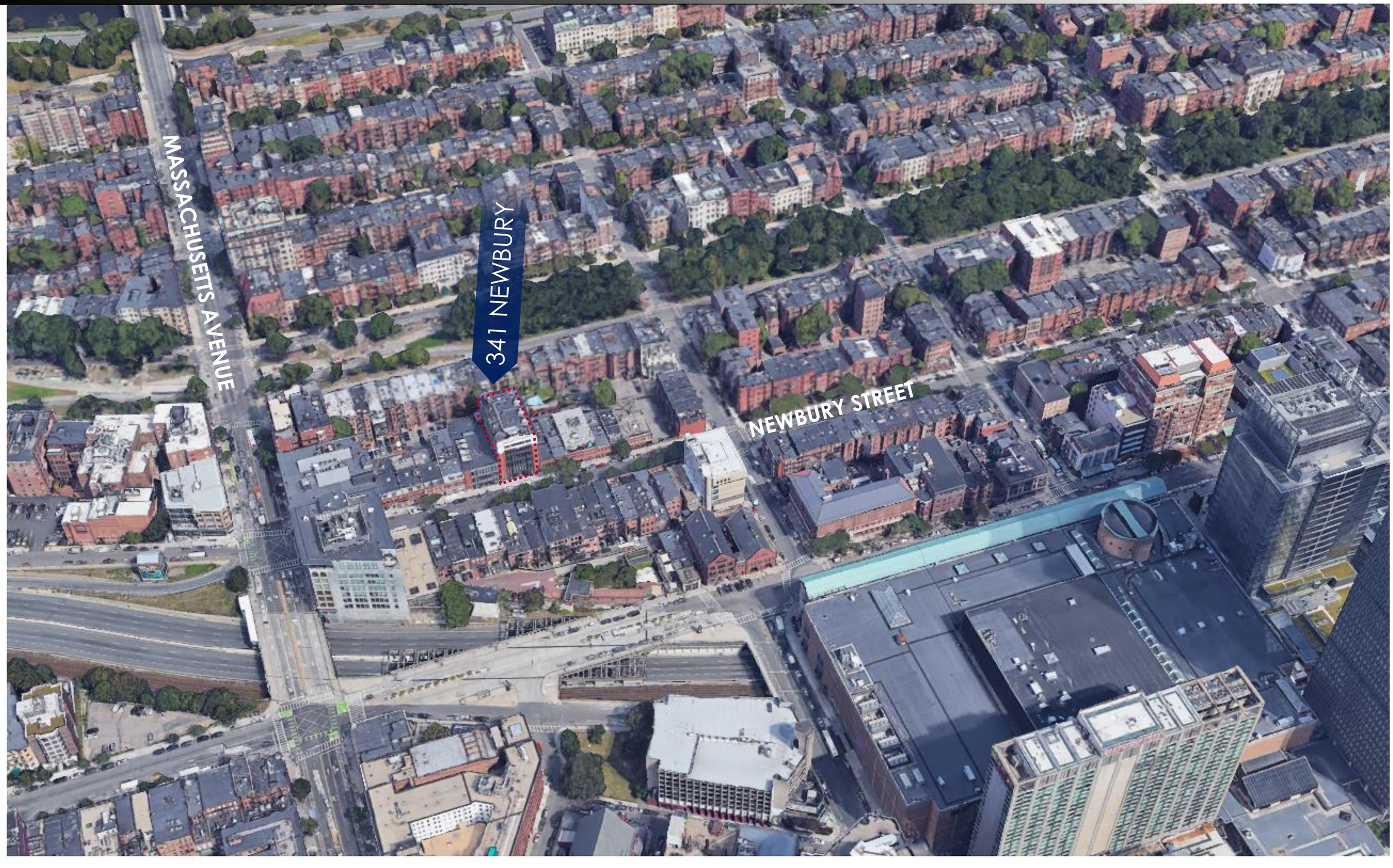
341 NEWBURY STREET

BOSTON, MA 02116

BACK BAY ARCHITECTURAL COMMISSION
APRIL 2019

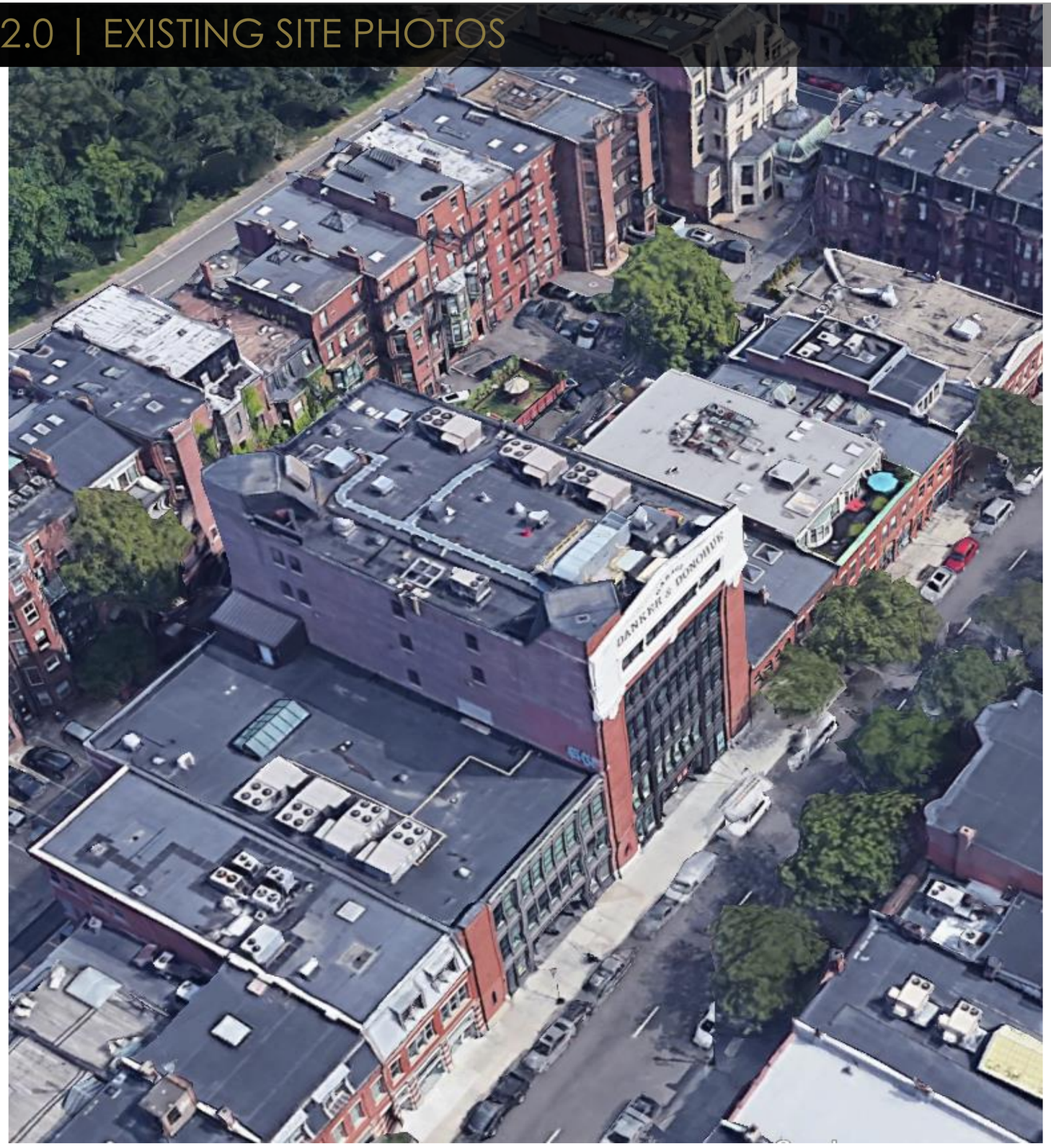
GAZIT HORIZONS

1.0 | SITE LOCATION



2.0 | EXISTING SITE PHOTOS

2.0 | EXISTING SITE PHOTOS



3.0 | HISTORICAL SITE IMAGES

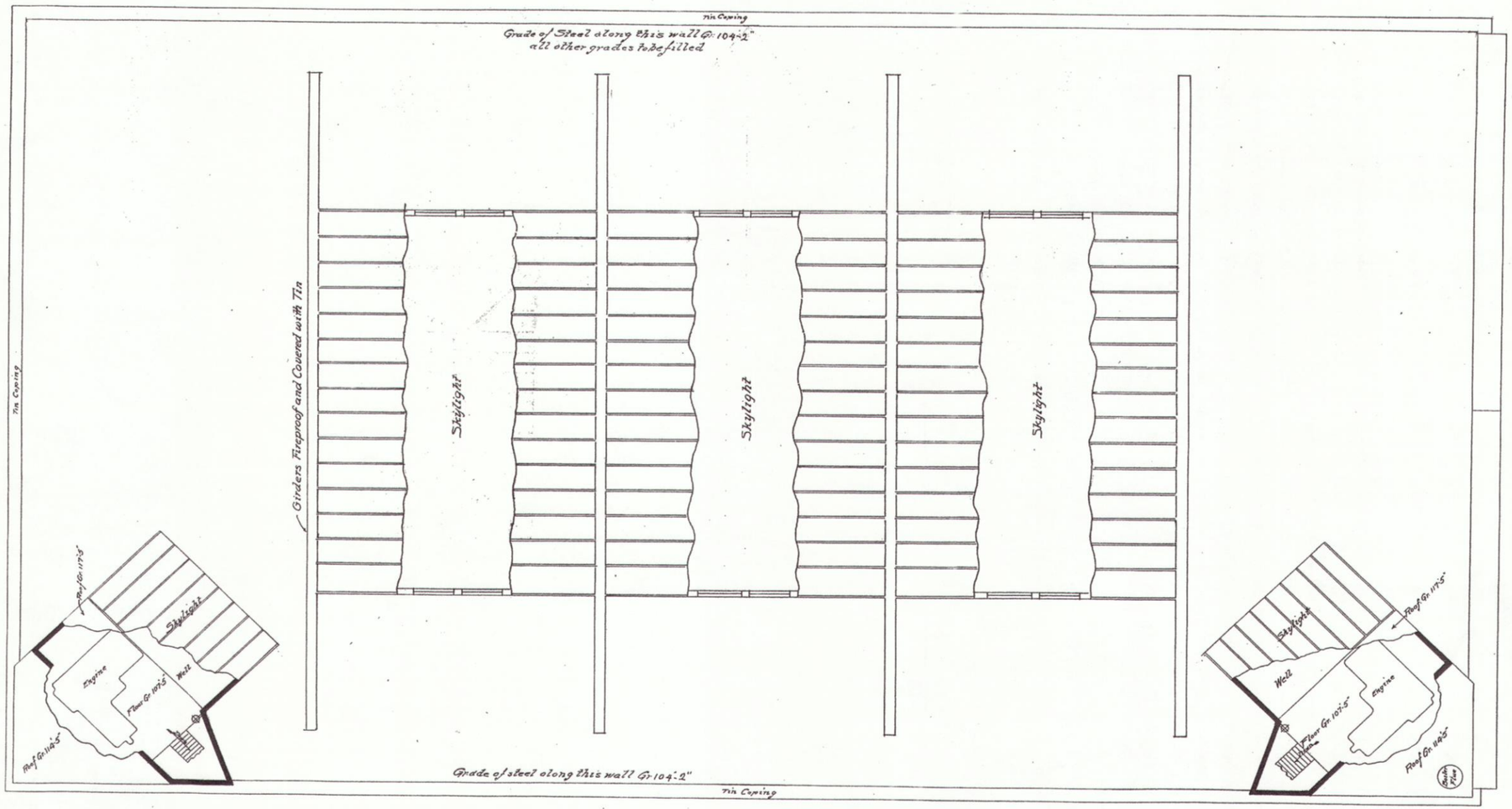
Looking east from Massachusetts Avenue to Newbury Street
Date: circa 1914
Source: Public Works Department photograph collection, 5000.009

3.0 | HISTORICAL SITE IMAGES

Looking east from Massachusetts Avenue to Newbury Street
Date: circa 1939

Advertisement for The White Garage
Date: circa 1920
Source: *Automobile ALA Green Book, Vol. I*, 1920

The White Garage
Date: circa 1912
Source: *The Commercial Vehicle, Vol. VII*, March 1912

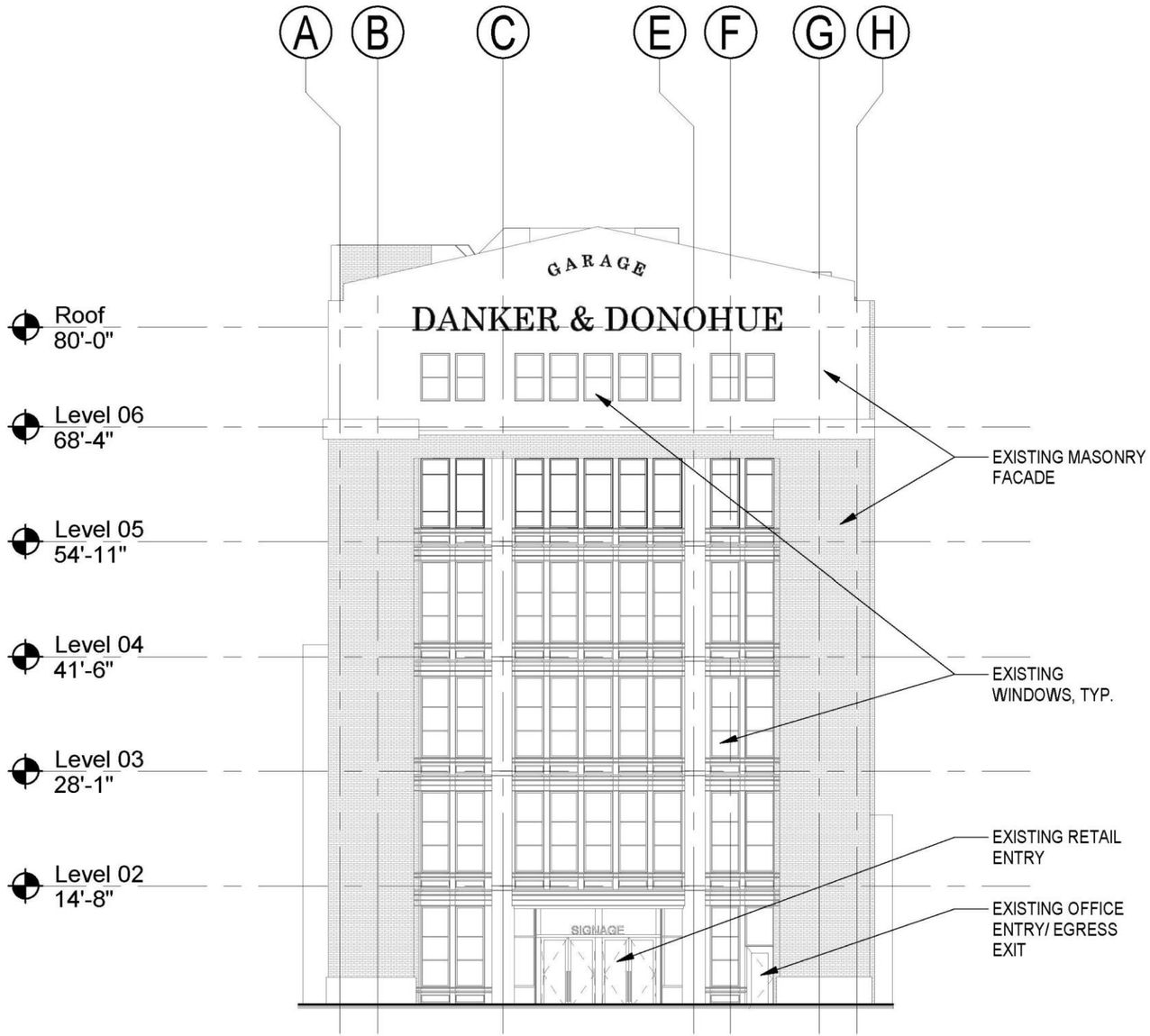


AUTOMOBILE GARAGE
FOR
THE WHITE SEWING MACHINE COMPANY
NEWBURY ST. BOSTON

ROOF PLAN
SCALE 1/8" = ONE FOOT

CLINTON J. WARREN ARCHITECT
7 WATER ST. BOSTON

Roof Plan – original building
Date: circa 1905



1 SOUTH ELEVATION - EXISTING & PROPOSED
1/16" = 1'-0"

GENERAL NOTES

1. NO MODIFICATIONS PROPOSED TO THIS FACADE.

P1.01

Ref Sheet:

Job #: 1904

Drawn by: MW

RFI No:

Title: SOUTH ELEVATION-EXISTING & PROPOSED

Project: 341 Newbury St

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

Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

4/16/2019 10:16:46 AM

1 WEST ELEVATION - EXISTING
1/16" = 1'-0"

C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

P1.02 Ref Sheet:

Job #: 1904 Drawn by: MW

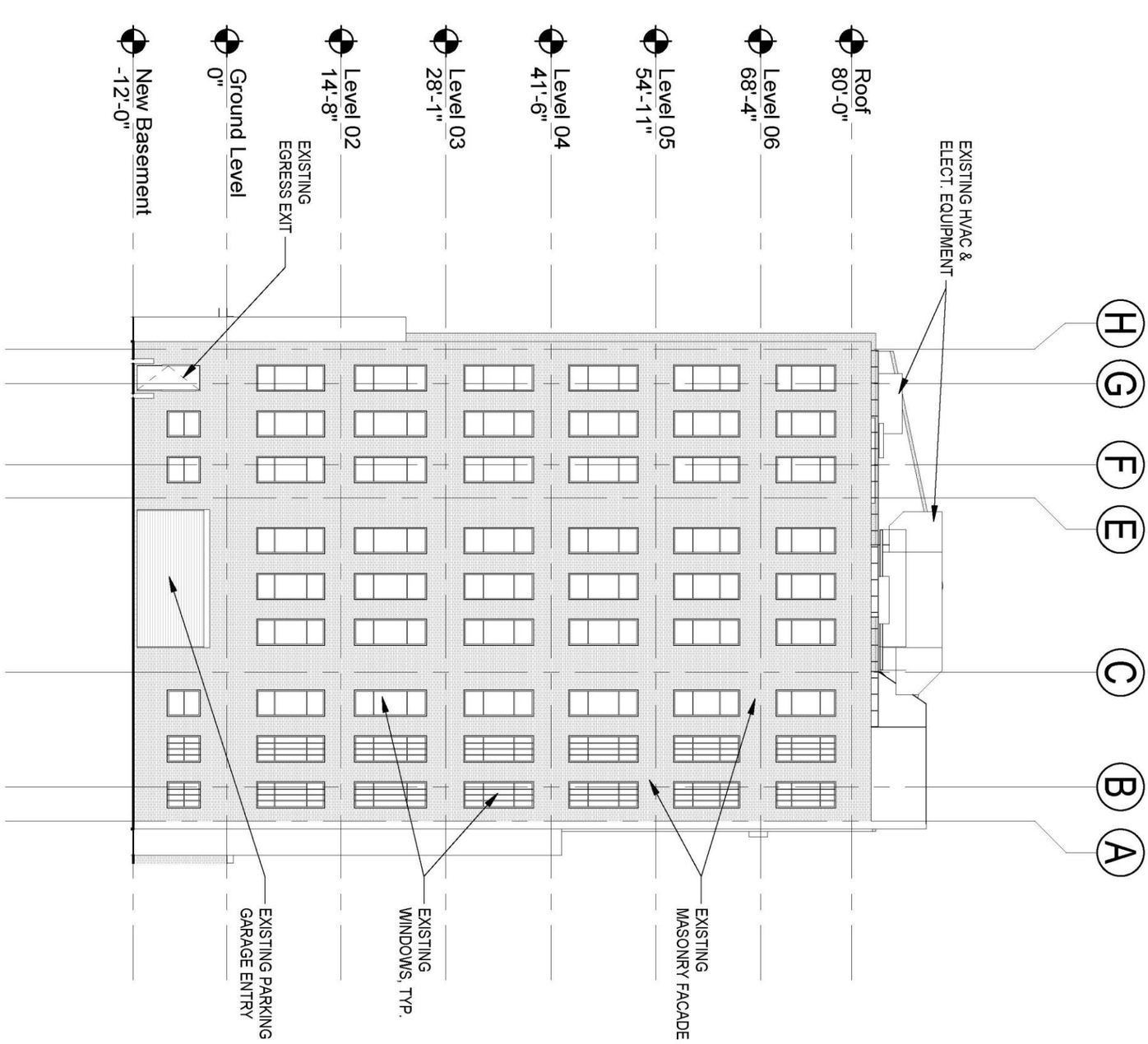
RFI No:

Title: WEST ELEVATION - EXISTING

Project: 341 Newbury St

Scale: 1/16" = 1'-0" Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000



1 NORTH ELEVATION - EXISTING
1/16" = 1'-0"

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

Title: NORTH ELEVATION - EXISTING				P1.03
Project: 341 Newbury St			Job #: 1904	
Scale: 1/16" = 1'-0"	Date: April 17, 2019	RFI No:	Drawn by: MW	Ref Sheet:

4/16/2019 10:16:47 AM

1 EAST ELEVATION - EXISTING
1/16" = 1'-0"

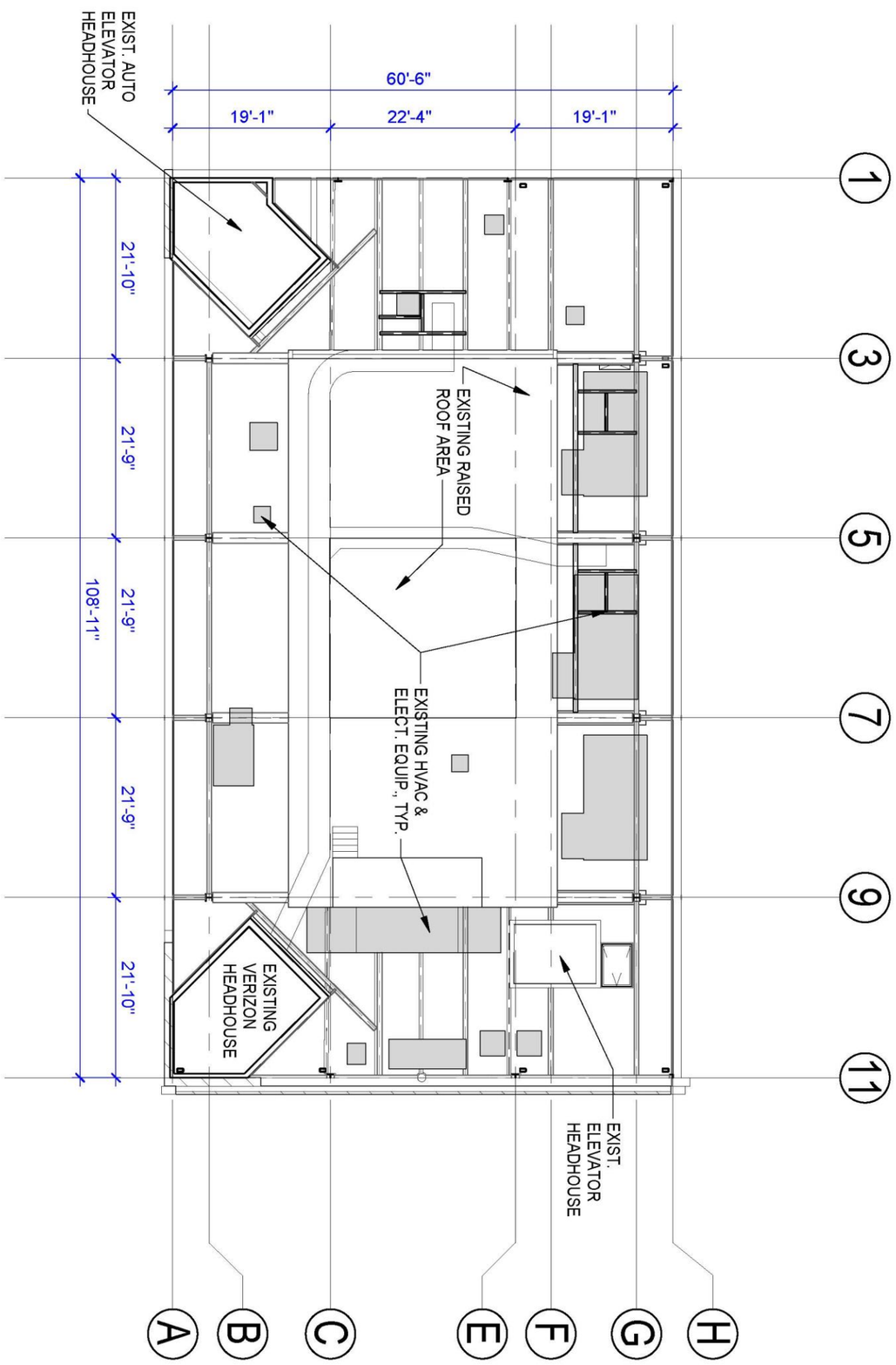
C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

P1.04 Ref Sheet:

Job #: 1904
Drawn by: MW
RFI No:

Title: EAST ELEVATION - EXISTING
Project: 341 Newbury St
Scale: 1/16" = 1'-0"
Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

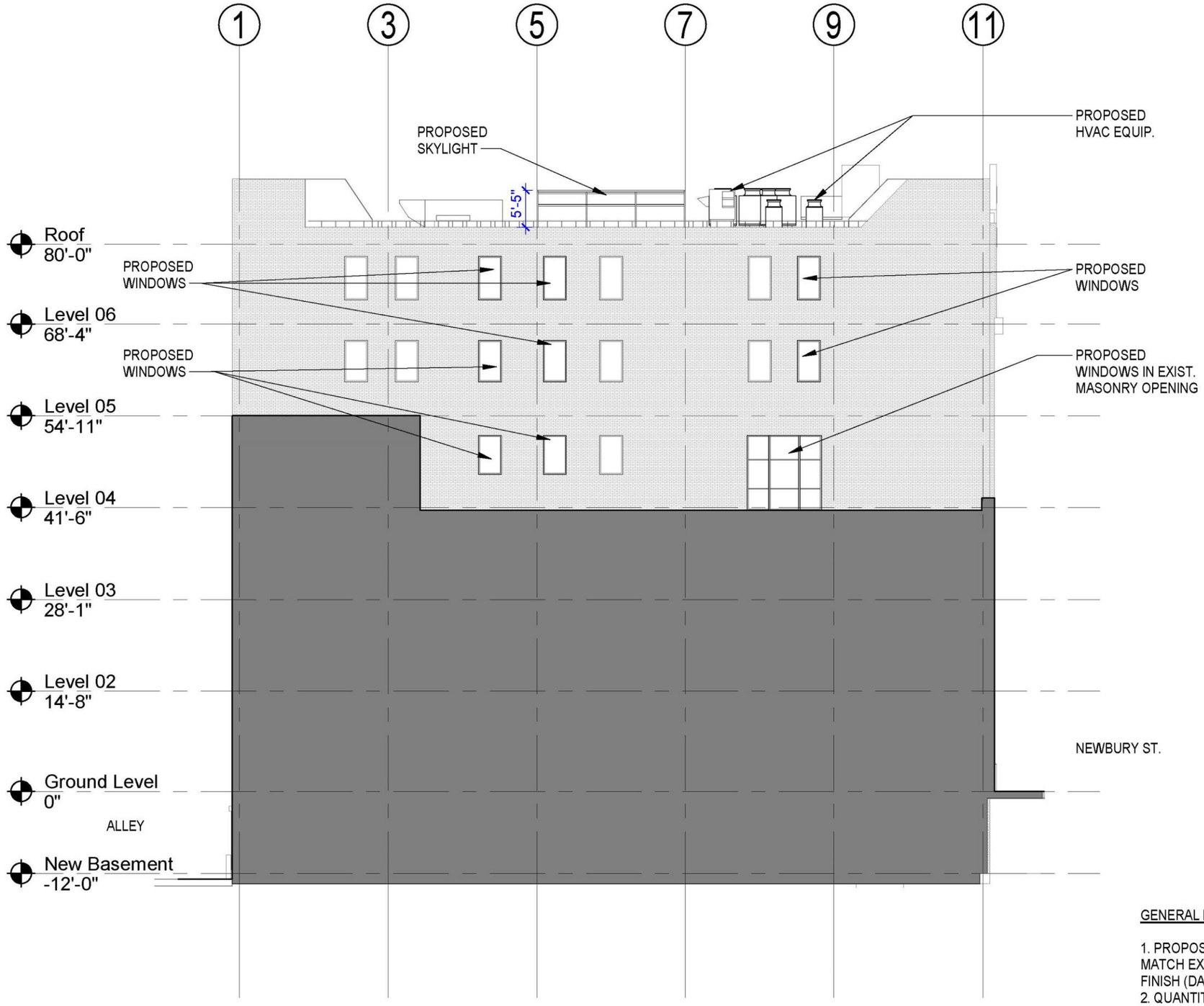


1 ROOF PLAN - EXISTING
1/16" = 1'-0"

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

Title: ROOF PLAN - EXISTING				P1.05
Project: 341 Newbury St			Job #: 1904	
Scale: 1/16" = 1'-0"	Date: April 17, 2019	RFI No:	Drawn by: MW	Ref Sheet:

4/16/2019 10:16:48 AM



1 WEST ELEVATION - PROPOSED SMALL SKYLIGHT OPTION
1/16" = 1'-0"

GENERAL NOTES

1. PROPOSED WINDOWS ARE TO MATCH EXISTING IN SPECIFICATION & FINISH (DARK BRONZE).
2. QUANTITY (9) NEW WINDOWS.
3. PROPOSED SKYLIGHT IS TO MATCH EXSITING WINDOWS IN FINISH (DARK BRONZE).

P1.06a

Ref Sheet:

Job #: 1904

Drawn by: MW

RFI No:

Title: WEST ELEVATION A - PROPOSED SMALL SKYLIGHT OPTION

Project: 341 Newbury St

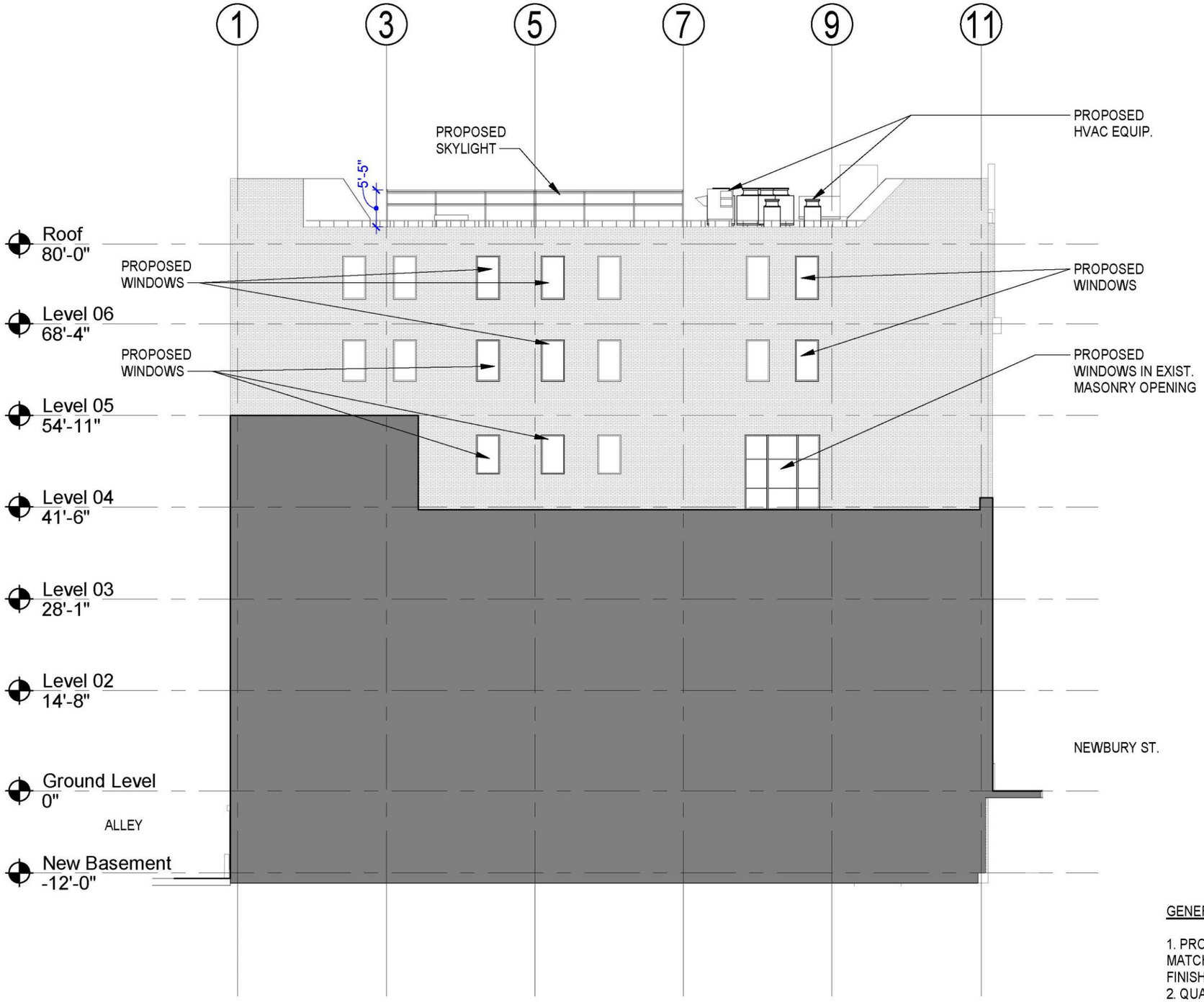
Scale: 1/16" = 1'-0"

Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

4/16/2019 10:16:49 AM



1 WEST ELEVATION - PROPOSED LARGE SKYLIGHT OPTION
1/16" = 1'-0"

GENERAL NOTES

1. PROPOSED WINDOWS ARE TO MATCH EXISTING IN SPECIFICATION & FINISH (DARK BRONZE).
2. QUANTITY (9) NEW WINDOWS.
3. PROPOSED SKYLIGHT IS TO MATCH EXSITING WINDOWS IN FINISH (DARK BRONZE).

P1.06b

Ref Sheet:

Job #: 1904

Drawn by: MW

RFI No:

Title: WEST ELEVATION B - PROPOSED LARGE SKYLIGHT OPTION

Project: 341 Newbury St

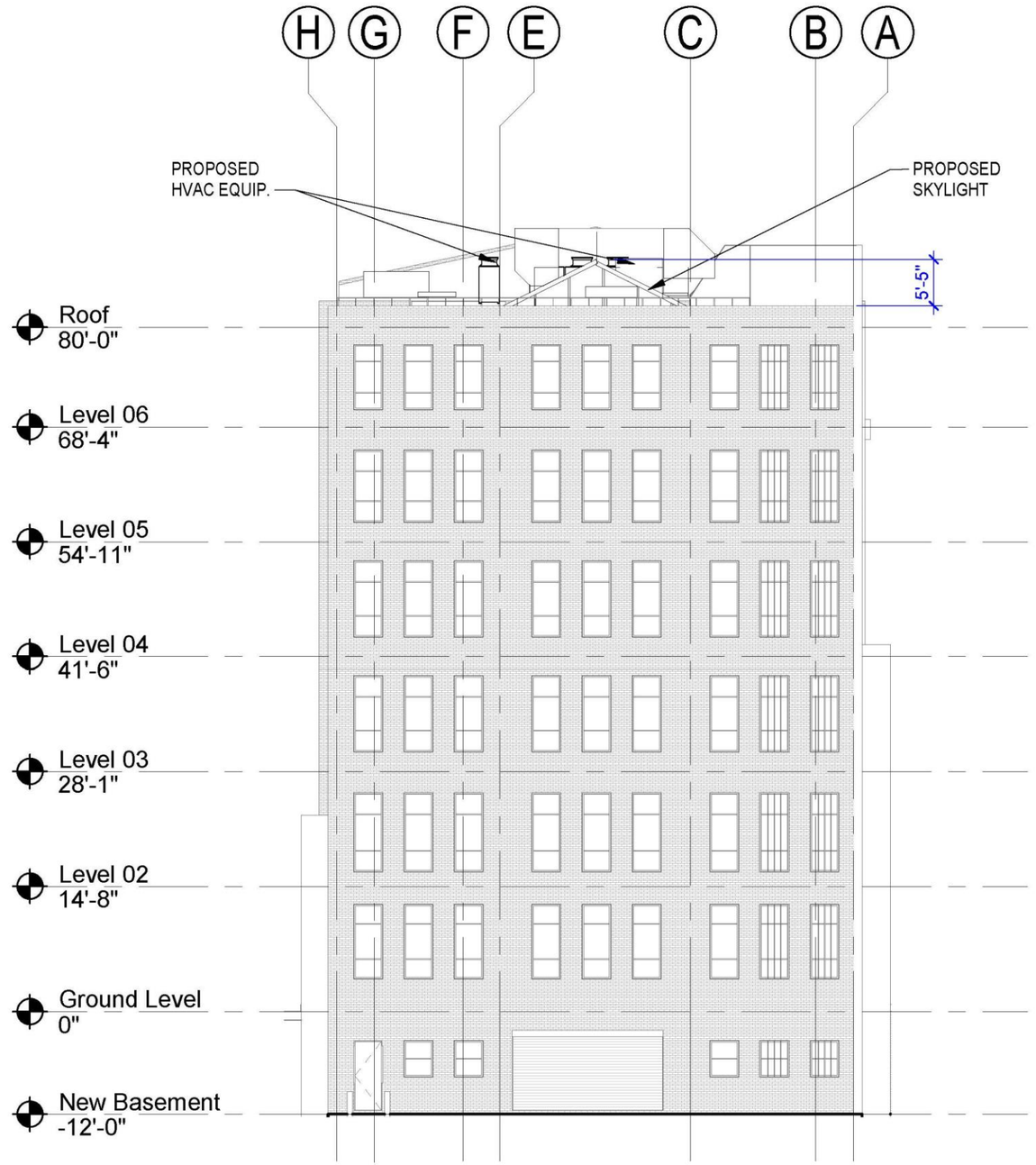
Scale: 1/16" = 1'-0"

Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

4/16/2019 10:16:50 AM



1 NORTH ELEVATION - PROPOSED
1/16" = 1'-0"

GENERAL NOTES

1. PROPOSED REVISIONS TO ROOF LEVEL ONLY.
2. PROPOSED SKYLIGHT IS TO MATCH EXSITING IN FINISH (DARK BRONZE)

P1.07

Ref Sheet:

Drawn by: MW

Job #: 1904

RFI No:

Title: NORTH ELEVATION - PROPOSED

Project: 341 Newbury St

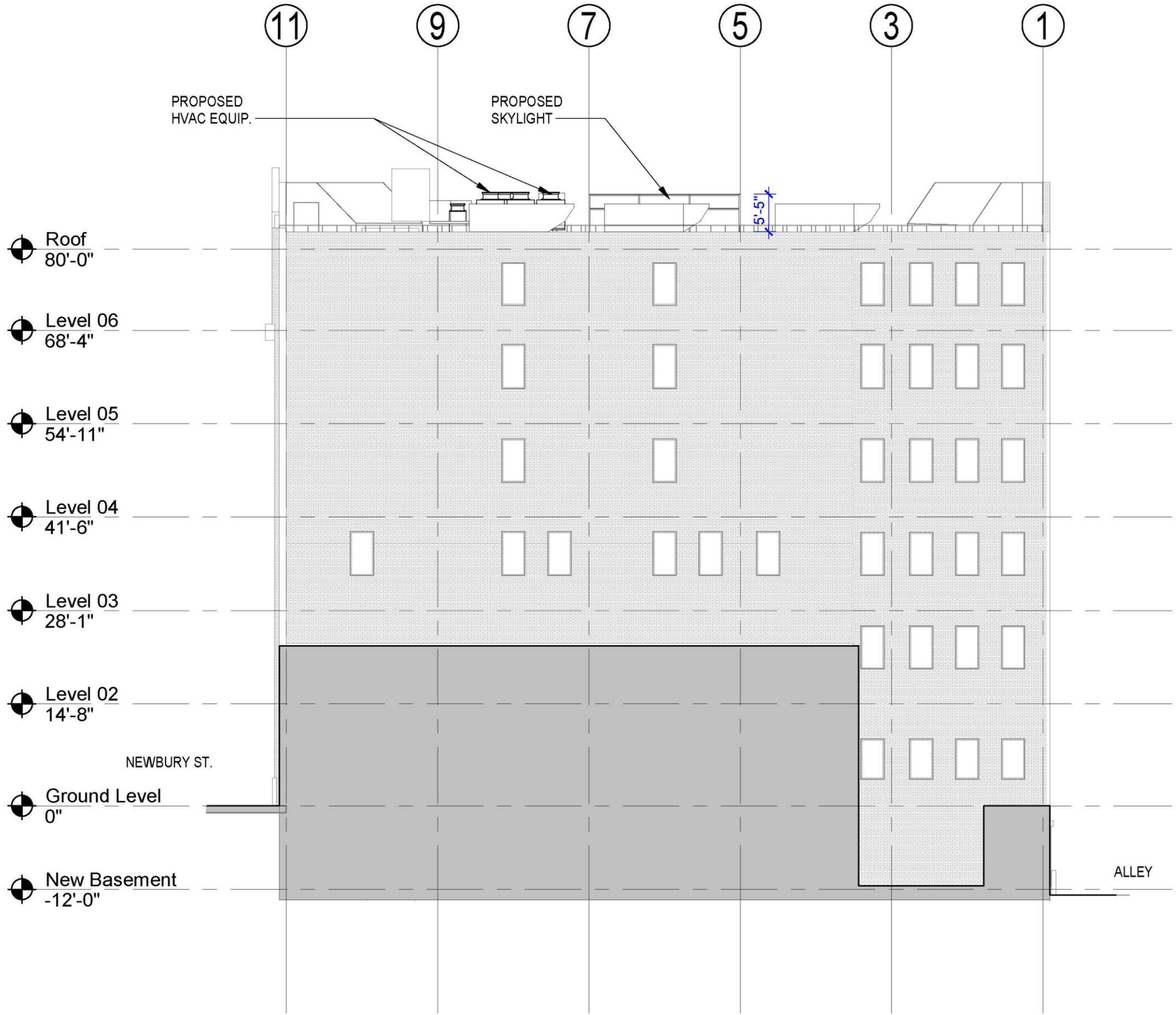
Scale: 1/16" = 1'-0"

Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

4/16/2019 10:16:50 AM



EAST ELEVATION - PROPOSED
SMALL SKYLIGHT OPTION
1/16" = 1'-0"

GENERAL NOTES

1. PROPOSED REVISIONS TO ROOF LEVEL ONLY.
2. PROPOSED SKYLIGHT IS TO MATCH EXSITING IN FINISH (DARK BRONZE)

P1.08a

Ref Sheet:

Job #: 1904

Drawn by: MW

RFI No:

Title: EAST ELEVATION - PROPOSED SMALL SKYLIGHT OPTION

Project: 341 Newbury St

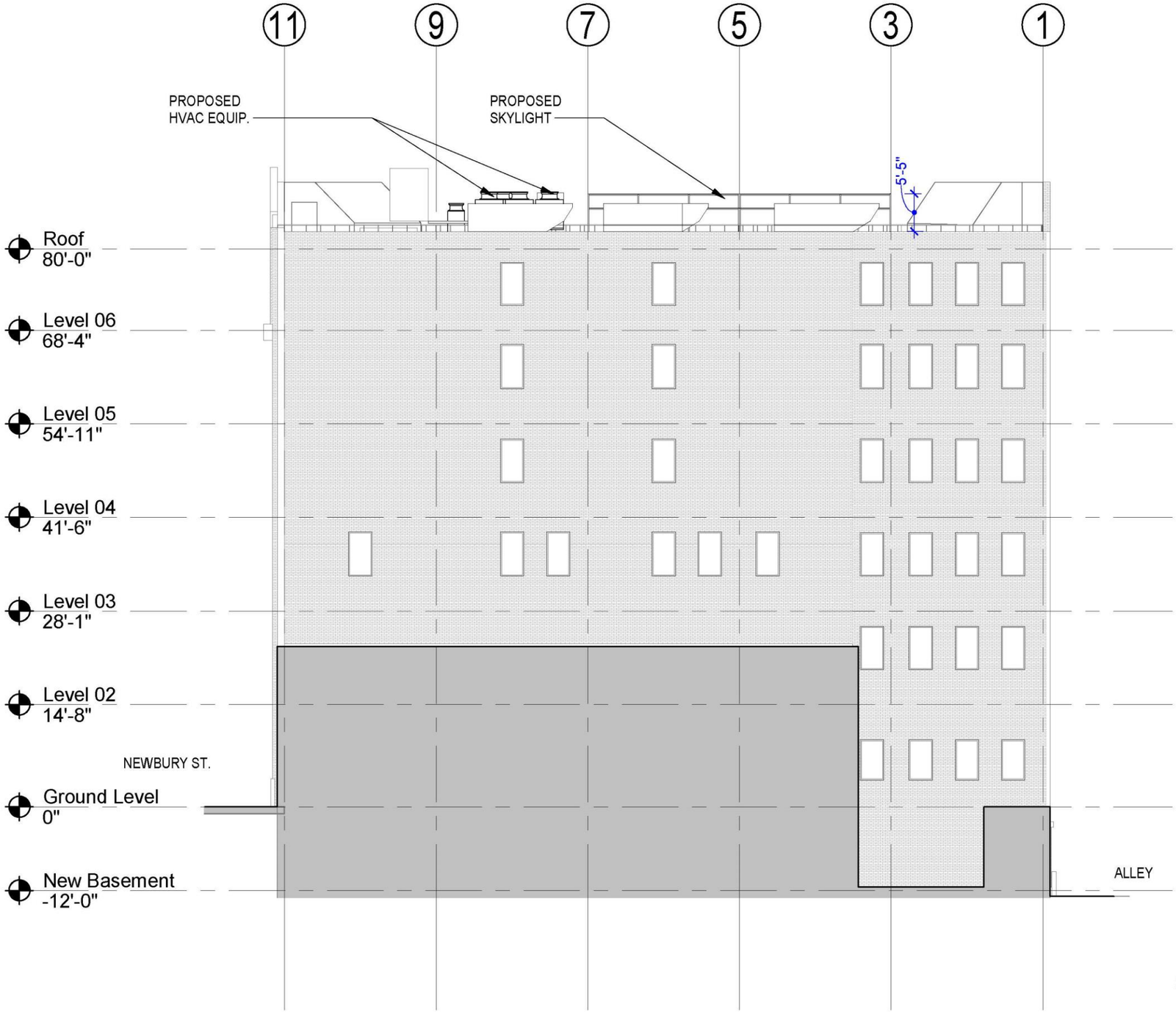
Scale: 1/16" = 1'-0"

Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

4/16/2019 10:16:51 AM



EAST ELEVATION - PROPOSED
LARGE SKYLIGHT OPTION
1/16" = 1'-0"

GENERAL NOTES

1. PROPOSED REVISIONS TO ROOF LEVEL ONLY.
2. PROPOSED SKYLIGHT IS TO MATCH EXSITING IN FINISH (DARK BRONZE)

P1.08b

Ref Sheet:

Job #: 1904

Drawn by: MW

RFI No:

Title: EAST ELEVATION - PROPOSED LARGE SKYLIGHT OPTION

Project: 341 Newbury St

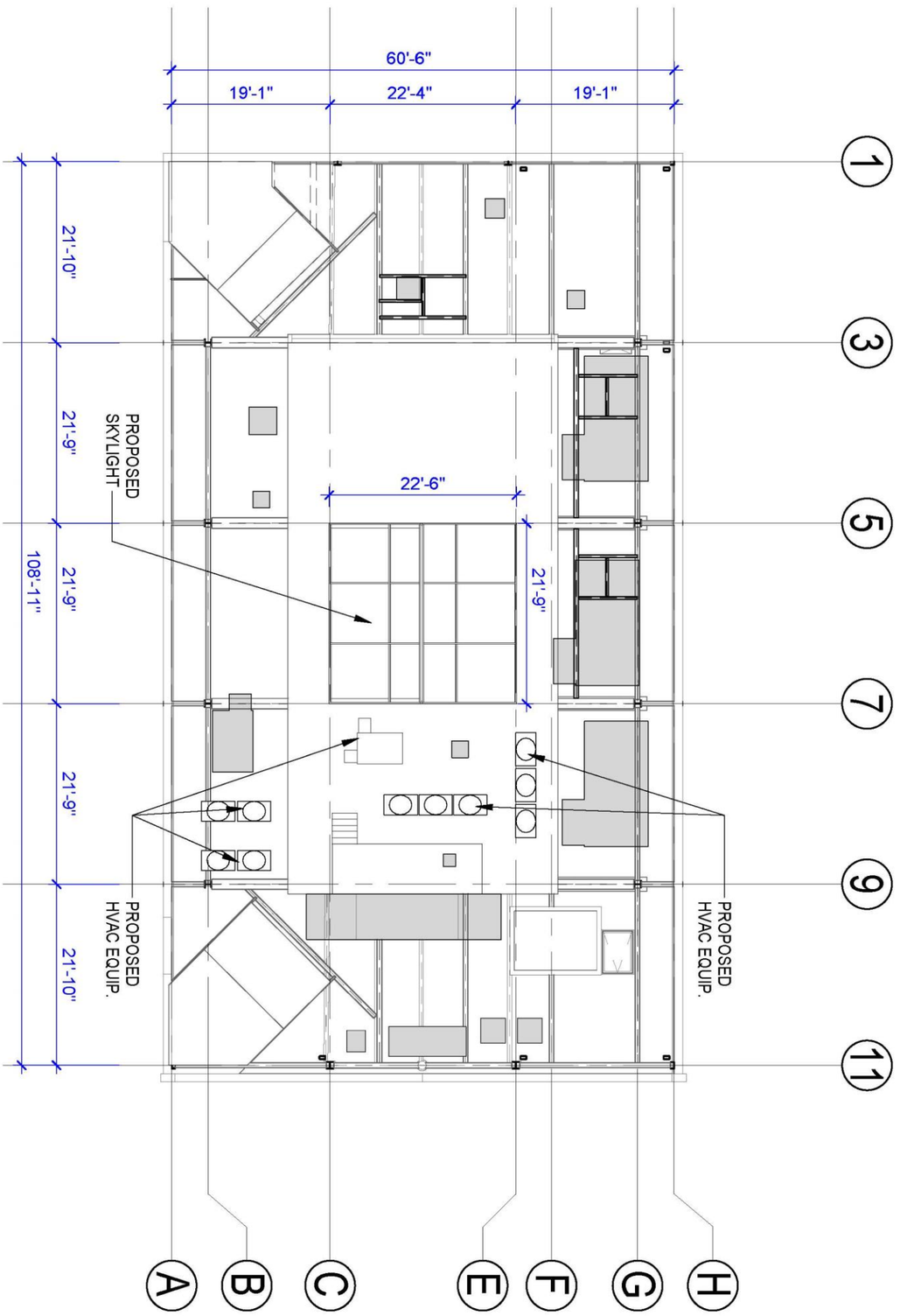
Scale: 1/16" = 1'-0"

Date: April 17, 2019

CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

C:\Revit 2019 Local Files\1904 - 341 Newbury-Arch-v2019_cmuskopf.rvt

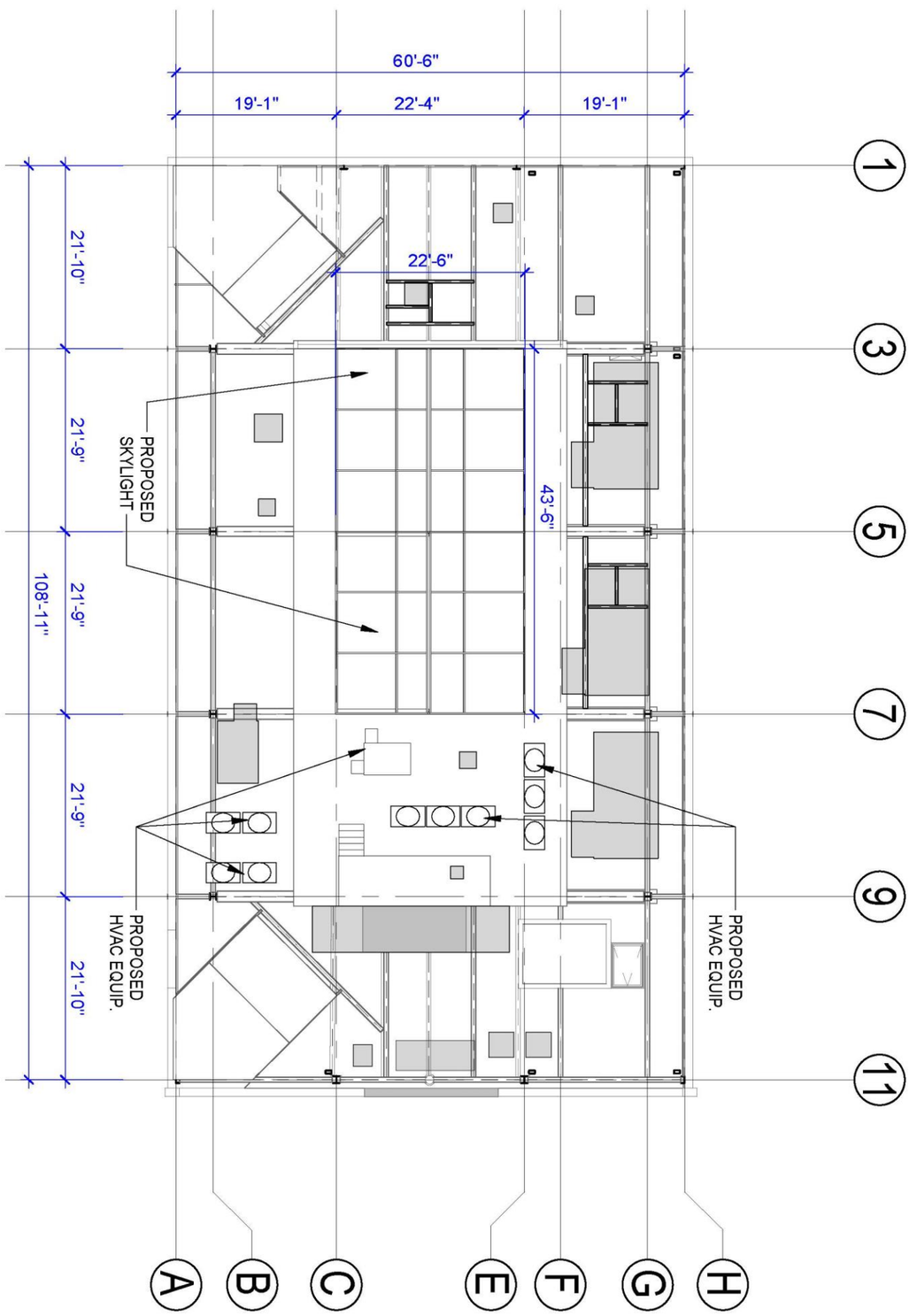
1 ROOF PLAN - PROPOSED SMALL SKYLIGHT OPTION
1/16" = 1'-0"



CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

Title: ROOF PLAN A - PROPOSED SMALL SKYLIGHT OPTION				P1.09a
Project: 341 Newbury St			Job #: 1904	
Scale: 1/16" = 1'-0"	Date: April 17, 2019	RFI No:	Drawn by: MW	Ref Sheet:

1 ROOF PLAN - PROPOSED LARGE SKYLIGHT OPTION
1/16" = 1'-0"



CambridgeSeven
1050 Massachusetts Avenue
Cambridge, MA 02138
617 492-7000

Title: ROOF PLAN B - PROPOSED LARGE SKYLIGHT OPTION

Project: 341 Newbury St

Job #: 1904

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

Date: April 17, 2019

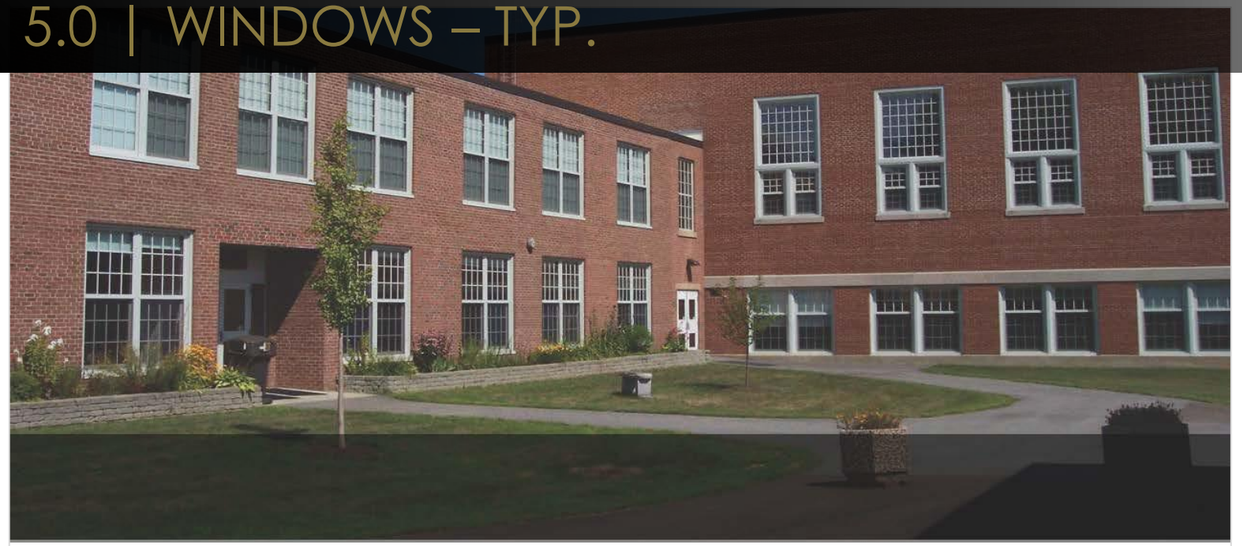
RFI No:

Drawn by: MW

P1.09b

Ref Sheet:

5.0 | WINDOWS – TYP.



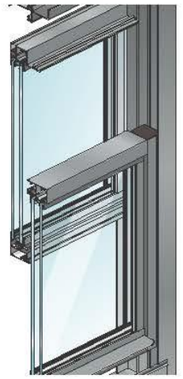
Series 660 Single Hung • Series 670 Double Hung
3 7/8" Architectural Grade Hung Thermal Window

CONFIGURATIONS
Single Hung • Double Hung

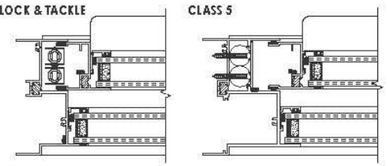
This product family of hung windows retains an AAMA Architectural Grade rating to meet the most demanding specifications and is a proven performer in projects ranging from historical replication to new construction. This hung window series is an attractive and economical product for a wide range of applications. Multiple glazing options offer flexibility to meet specific design requirements. A thermal barrier in the frame and sash improves thermal performance enhancing energy saving potential. Offered with a complete line of sub frames, mullions and architectural sills, this product family provides the complete solution for fenestration needs.

Features	Benefits
Thermal barrier in vent and frame	Improves U-Factor performance Enhances energy saving potential
Weather-stripped sash and sill	Provides superior air and water performance
Continuous interlock meeting rails	Improves air infiltration resistance
Accommodates glazing from 1/8" to 1 1/4" depth	Expands design and energy saving options
Inside or outside glazed sash	Flexibility in design requirements for glazing
Dual glazing with optional integral blinds	Improved energy savings and interior light or privacy control with low maintenance
Automatic top and bottom sash locks available	Increased convenience
Screen frames of extruded aluminum alloy are available	Stronger, more durable screens
Trim-All™ panning available	Allows matching of existing sight lines in restoration projects
Accessory line of subframes, mullions, and architectural sills	Allows custom designs with standard product
Anodized or painted finishes available	Multiple options to answer economic and aesthetic concerns

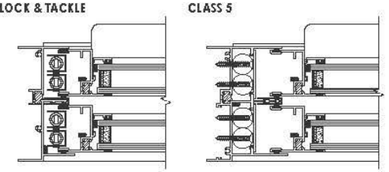
Series 660 Single Hung • Series 670 Double Hung
3 7/8" Architectural Grade Hung Thermal Window



SERIES 660 BLOCK & TACKLE CLASS 5



SERIES 670 BLOCK & TACKLE CLASS 5



PERFORMANCE DATA

S-660 SINGLE HUNG ARCHITECTURAL GRADE

AAMA RATING	AW-PG50
AIR INFILTRATION	<.30 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 12.0 PSF
CRF-FRAME	46

S-670 DOUBLE HUNG ARCHITECTURAL GRADE

AAMA RATING	AW-PG55
AIR INFILTRATION	<.30 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 12.0 PSF
CRF-FRAME	39

Note: All performance value data is based on laboratory testing per AAMA 101/I.S.2/A440 for Air/Water/Structural, ASTM E90 and or E413 for Acoustical, AAMA 507 and or NFRC 100/200/500 for U-Factors and AAMA 1503 for Condensation Resistance Factor (CRF). Printed values are subject to change pending the frequency of recertification testing. Field results will vary depending on size, the field test method, the addition of sub-frames, panning, mullions, accessories and installation into the surrounding condition.

**Note: Based on NFRC 100. Job specific performance ratings may vary due to differences in glass and glass spacer selection. If NFRC certified ratings are required, EFCO recommends requesting a CMA Bid Report at the bid stage from EFCO's Product Technical Support Group to ensure performance will meet project specifications.*

660/670 THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	CONFIGURATION AND SIZE	
	SINGLE HUNG** 47" X 59"	DBL HUNG** 47" X 59"
0.48	0.63	0.71
0.34	0.54	0.62
0.30	0.52	0.60
0.24	0.48	0.56
0.20	0.46	0.47

* Based on NFRC 100
**NFRC Gateway size

S-660 SINGLE HUNG & S-670 DOUBLE HUNG HARDWARE CHART	SWEEP LOCK	AUTO HEAD LOCK	AUTO SILL LOCK	POLE RING SWEEP LOCK	POLE SOCKET	ACCESS CONTROLLED SWEEP HANDLE	2 OR 4 BLOCK & TACKLE BALANCES	2 OR 4 CLASS 5 BALANCES
SINGLE HUNG	S		O	O	O	O	S	O
DOUBLE HUNG	S	S	O	O	O	O	S	O

Some size restrictions may apply depending on hardware selected.

O-Optional
S-Standard
Blank - N/A

INSIDE GLAZED S-660 SINGLE HUNG & S-670 DOUBLE HUNG GLAZING CHART		POLYCARBONATE			GLASS OR PANEL															
		1/8"	3/16"	1/4"	1/8"	.156"**	3/16"	.200"**	1/4"	1/4"***	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
MONOLITHIC & INSULATED GLASS					A	A	A	A	A	A	A	A	A		A		A			
DUAL GLAZING	EXTERIOR LITE				I	I	I	I	I	A	A	A								
	INTERIOR LITE						A	A	A											

OUTSIDE GLAZED S-660 SINGLE HUNG & S-670 DOUBLE HUNG GLAZING CHART	POLYCARBONATE			GLASS OR PANEL															
	1/8"	3/16"	1/4"	1/8"	.156"**	3/16"	.200"**	1/4"	1/4"***	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
MONOLITHIC & INSULATED GLASS							A	A	A	A	A	A		A	A	A			

*-Obscure glass thickness
**-Laminated glass thickness

A-available glazing option
I-internal blinds can be used with this type of dual glazing.
Blank - N/A

Series 660 Single Hung • Series 670 Double Hung

3 7/8" Architectural Grade Hung Thermal Window

Main Frame Construction
The frames have a depth of 3 7/8" and are constructed of 6063-T6 aluminum alloy. The nominal material wall thickness for the frame is .080", and the sill has a minimum wall thickness of .094". Corners are of screw spline construction and sealed. See Illustration 1.

Sash Frame Construction
The sash consists of aluminum members with .080" nominal material wall thickness of 6063-T6 alloy. Corners are of screw spline construction and sealed. Dual weather-stripped, continuous interlock at the sash meeting rail(s) offers superior weathering and structural performance. See Illustration 2.

Weather Stripping
All sash are weather-stripped with FIN-SE AL® or equal. Two holes or slots per sash through the window frame facilitate weepage.

Screens
Screen frames are extruded 6063-T6 aluminum alloy. Screens are easily removed by retracting two plungers located on the interior face of the screen frame near the sill at each jamb. Full or half screens are available. 18 x 16 mesh screens are available in fiberglass and .011" diameter aluminum. 18 x 18 mesh screens are available in .009" diameter stainless steel.

Thermal Barrier
Sills are thermally isolated with two thermal struts, consisting of glass reinforced polyamide nylon, mechanically crimped in raceways extruded in the exterior and interior extrusions. All other frames and sash are thermally broken using the latest technology in two-part high density polyurethane. See Illustration 3.

Hardware
Sweep locks, access controlled sweep locks, pole ring sweep locks, and keepers are of cast white bronze with a US25D finish. Automatic head and sill locks are fabricated of aluminum alloy and finished to match the window. Two types of balance systems are available. A spring loaded block and tackle balance rated Class 1 with a .70 MAF* ratio is standard. A high performance torsion spring and extension spring balance rated Class 5 with a .30 MAF* ratio is optional. EFCO reserves the right to substitute a higher performance balance as project conditions dictate, i.e., large, heavy sash requiring minimum operating force. See the Hardware Chart for available hardware types.

Glazing
Sash is inside or outside glazed with an extruded aluminum snap-in glazing bead. Glazing of 1/8" to 1 1/4" can be accommodated. Dual glazing is also available in 1/8", 3/16", and 1/4" glass. Between the glass 5/8" aluminum blinds are available with dual glazed windows. See the Glazing Chart for the exact size.

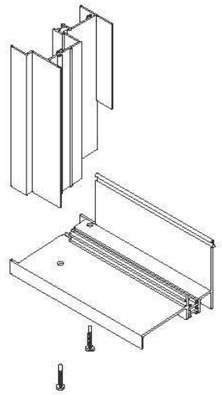


Illustration 1

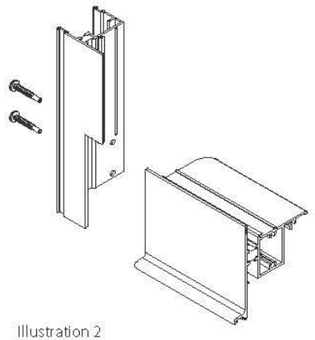


Illustration 2

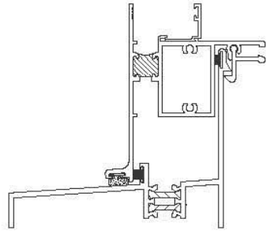
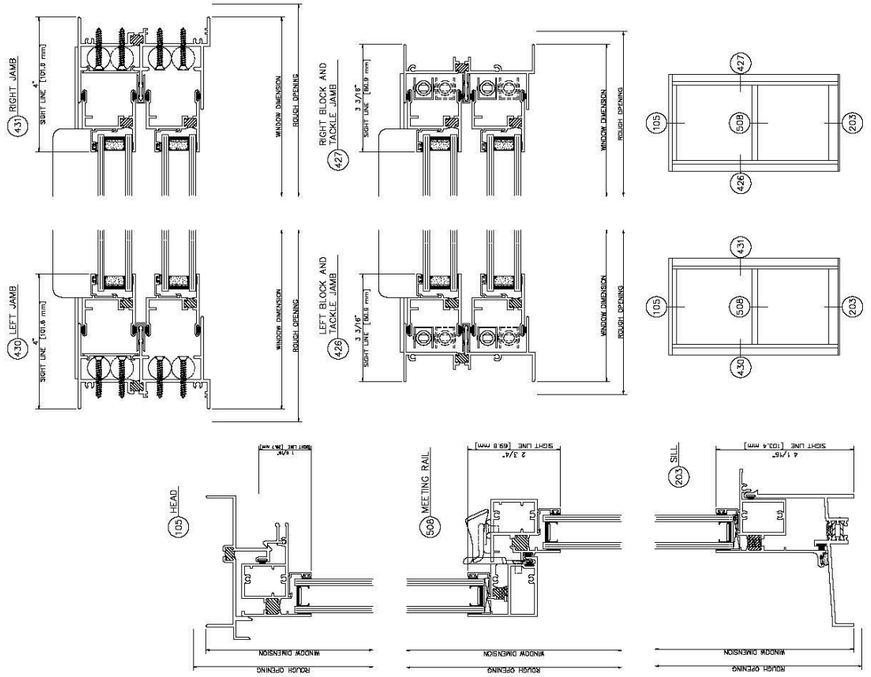
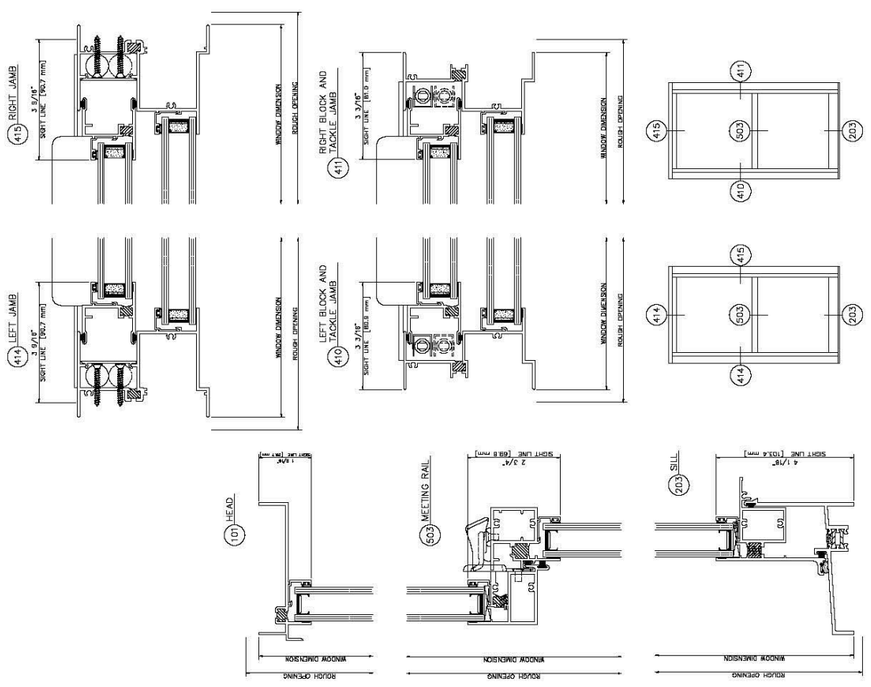


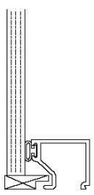
Illustration 3



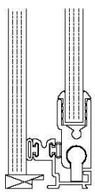


660, 670 Glazing

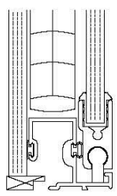
1/4" MONOLITHIC



ER65 – 1/4"
INTERIOR PANEL
1/4" MONOLITHIC



ER65 – 1/4"
INTERIOR PANEL
1/4" MONOLITHIC



6.0 | SKYLIGHT – TYP.

2000 Skylight

The Sky Above in a Fully-Engineered and Fabricated Package

Carrefour Laval, Laval, Quebec, Canada
Architect: Frank McGrath Architects, Saint-Lambert, Quebec, Canada
Glazing Contractor: Chatelle et Simard, Lachine, Quebec, Canada

The high costs of fabrication and complicated installation are no longer major obstacles to bringing the beauty and illumination of the sky indoors. Kawneer's 2000 Skylight is supplied as a fully-engineered and fabricated package so on-site installation is easier than ever before. 2000 Skylight is a high-performance, low-cost system engineered to be self supporting. Performance certified to withstand both winter and summer conditions, 2000 Skylight offers a piece of the sky in numerous configurations, in finishes to your specifications.

Kawneer 2000 Skylight – A perfect cap to your next daylighting project.

Aesthetics

With day and night views that add drama, 2000 Skylight allows natural light and opens up any space. Architects can achieve creative versatility with the many types of Kawneer 2000 Skylights. Available in slope construction, ridge systems, ridge/gables systems, ridge/slope gables, and pyramid configurations, Kawneer 2000 Skylights are engineered to be self-supporting whether they are applied in a sloped glazed area or mounted on a roof.

KAWNEER
AN ARCONIC COMPANY

A thermal break allows for dual color options on inside and outside. The system has a flush grid exterior with a 2-1/2" sightline. An optional structural silicone glazed purlin (SSG) is available. The purlins and rafters accept a variety of glazing options. The mullion width for the 2000 Skylight is 2-1/2" with an overall depth of 3", 4-1/2", or 5-3/4".

Economy

2000 Skylight is fully fabricated and shipped knocked down to make on site installation easier, decreasing labor costs and reducing construction times. Simple overlap connections allow for quicker installation. When economy for a project is paramount, 2000 Skylight is the optimal choice.

Performance

2000 Skylight has been tested in accordance with ASTM procedures for air and water performance and CSA standards for structural performance. The performance results include:

- Air infiltration per ASTM E283: 0.06 cfm/ft² (0.0003 m³/s x m³) data pressure differential of 6.24 psf (300 Pa)
- Water penetration per ASTM E547: pressure differential of 12 psf (576 Pa)
- Condensation temperature index per CSA A44-00: If = 59.8, Ig = 54.5 (clear glass)
- Structural performance per ASTM E330

A drainage system in the rafters and purlins allows moisture to be channeled to a continuous sill gutter for drainage to the exterior. An insulating thermal break is placed to the exterior of the glass plane to minimize heat loss and condensation.

Other features of 2000 Skylight include:

- Pressure equalized rain screen design
- "Shingled" internal channels for positive drainage
- Integral purlin condensation gutters with optional rafter condensation gutters
- Tremco VISIONstrip® exterior glazing system
- Interior elastomeric glazing gaskets
- Three rafter depths for efficient structural design
- Optional roll formed steel reinforcing channels
- Veneer type mullion for use with steel sub-structure
- Single glazing adapter for exterior canopies
- Accommodates slopes from 20° to 45°
- Full and half compression rings for pyramids and sloped gables
- Accepts 1" sealed units
- Accommodates 1/4" monolithic glass for canopy applications
- Glazed from exterior

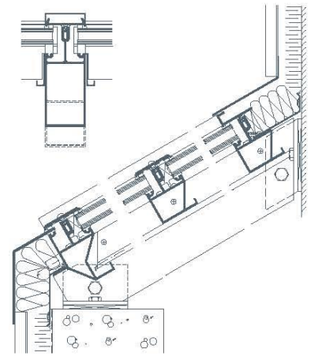
Carrefour Laval, Laval, Quebec, Canada
Architect: Frank McGrath Architects, Saint-Lambert, Quebec, Canada
Glazing Contractor: Chatelle et Simard, Lachine, Quebec, Canada

For the Finishing Touch

Permadonic Anodized finishes are available in Class I and Class II in seven different colors.

Painted Finishes, including fluoropolymer that meet or exceed AAMA 2605, are offered in many standard choices and an unlimited number of specially-designed colors.

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



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

kawneer.com
770 . 449 . 5555

KAWNEER
AN ARCONIC COMPANY

KAWNEER
AN ARCONIC COMPANY

Kawneer Anodize finishes
Kawneer gives you a wide variety of anodized finishes with attractive alternatives. The benefit of a durable, anodized finish is married to the beauty of some very dynamic and exciting colors.

At the start of every design, there's a choice of how you want to finish. Contact your Kawneer sales rep for the information on these and other finishes available from Kawneer.

	KAWNEER FINISH NO.	COLOR	ALUMINUM ASSOCIATION SPECIFICATION	OTHER COMMENTS
	#14	CLEAR	AA-M10C21A41 / AA-M45C22A41	Architectural Class I (.7 mils minimum)
	#17	CLEAR	AA-M10C21A31	Architectural Class II (.4 mils minimum)
	#18	CHAMPAGNE	AA-M10C21A44	Architectural Class I (.7 mils minimum)
	#26	LIGHT BRONZE	AA-M10C21A44	Architectural Class I (.7 mils minimum)
	#28	MEDIUM BRONZE	AA-M10C21A44	Architectural Class I (.7 mils minimum)
	#40	DARK BRONZE	AA-M10C21A44 / AA-M45C22A44	Architectural Class I (.7 mils minimum)
	#29	BLACK	AA-M10C21A44	Architectural Class I (.7 mils minimum)

Rev. 2017-06-22