



**City of Cambridge
Cambridge Redevelopment Authority**

DRAWING LIST

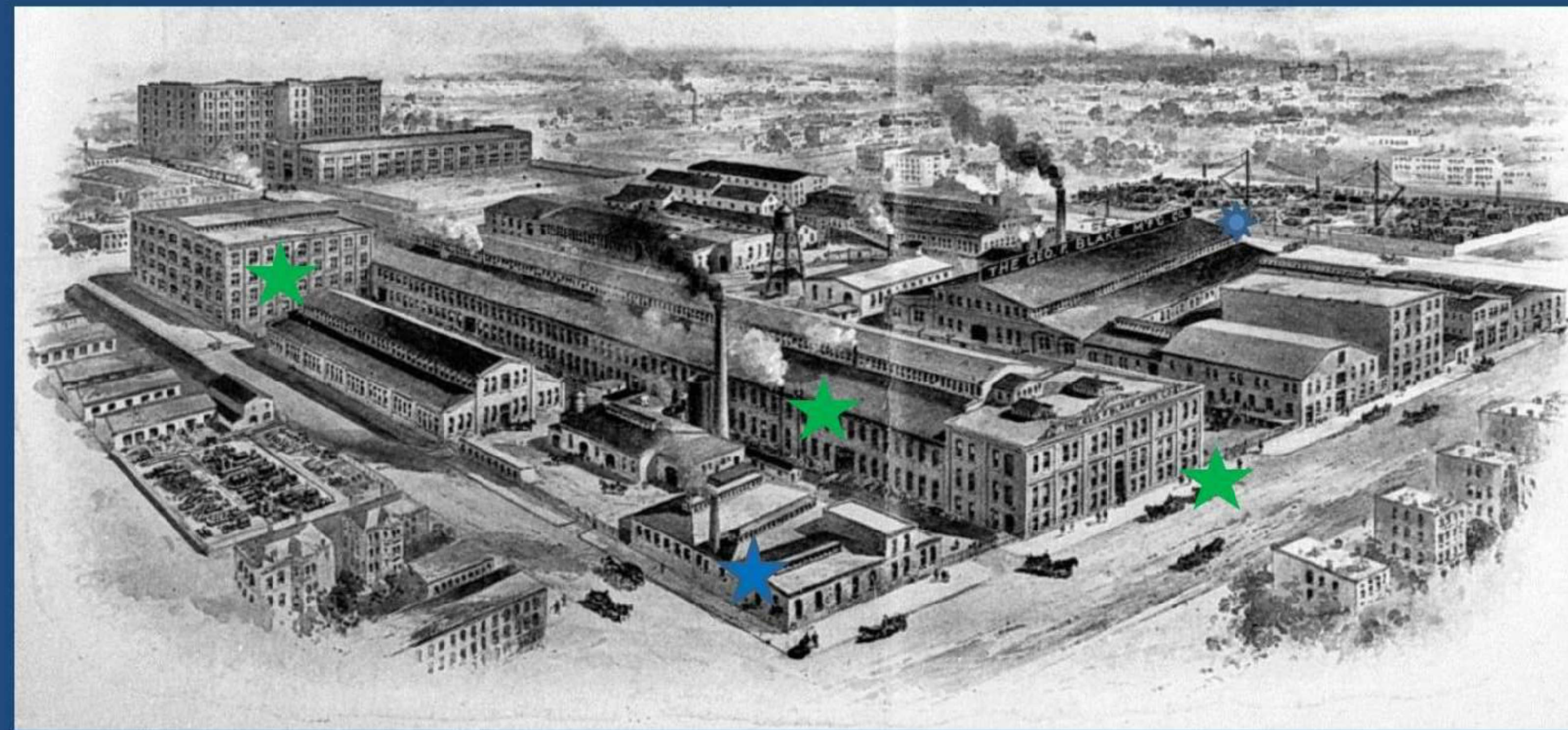
G0.00	COVER
G0.01	HISTORICAL PHOTOS AND EXISTING CONDITIONS
A0.01	SITE PLAN
A1.01	FLOOR PLAN - GROUND FLOOR
A1.02	FLOOR PLAN - SECOND FLOOR
A1.03	FLOOR PLAN - THIRD FLOOR
A1.04	FLOOR PLAN - ROOF
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A2.02	EXTERIOR ELEVATIONS
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**The Foundry Building
101 Rogers Street, Cambridge, MA 02142
50% DESIGN DEVELOPMENT**

19 NOVEMBER 2019

Architect	CambridgeSeven Cambridge, MA
Structural Engineer	Simpson Gumpertz & Heger Waltham, MA
MEP/FP Engineer	AKF Boston, MA
Landscape Architect	Mikyoung Kim Design Boston, MA
Civil Engineer/ Surveying	Nitsch Engineering Boston, MA
Envelope Consultant	Simpson Gumpertz & Heger Waltham, MA
Lighting Designer	Lam Partners Cambridge, MA

HISTORICAL PHOTOS



Blake & Knowles Steam Pump Works, ca. 1909

★ Existing building ★ Cambridge Landmark

ROGERS STREET, ca. 1960s



BENT STREET, ca. 1930s



EXISTING CONDITIONS

ROGERS STREET FROM THIRD STREET



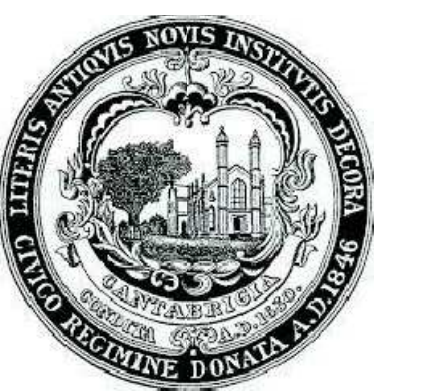
ROGERS STREET TOWARDS THIRD STREET



BENT STREET TOWARDS THIRD STREET



BENT STREET



City of Cambridge
The Foundry Building
101 Rogers Street

Number	Revision	Date

CAMBRIDGE HISTORICAL COMMISSION
50% DESIGN DEVELOPMENT

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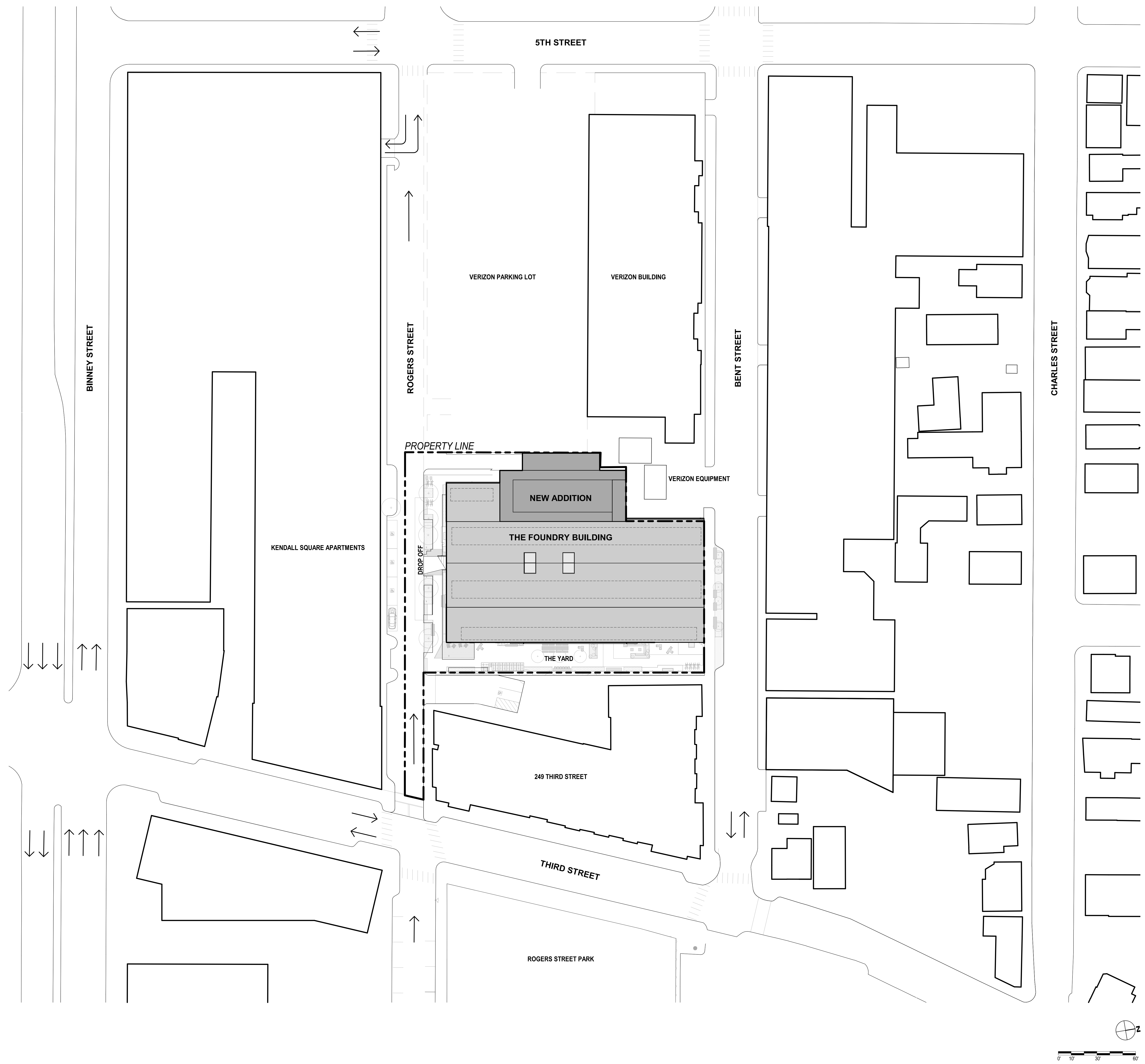
Job #	1805
Project	The Foundry Building
Drawn By	DM Checked: JC
Date	19 NOVEMBER 2019
Scale	

Drawing Title
HISTORICAL PHOTOS AND EXISTING CONDITIONS

G0.01



City of Cambridge
The Foundry Building
 101 Rogers Street



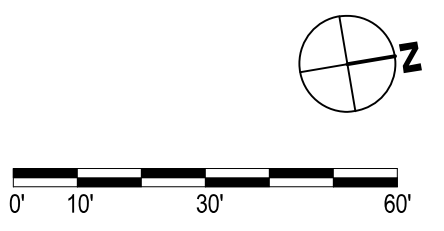
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CAMBRIDGE HISTORICAL COMMISSION
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Job #	1805
Project	The Foundry Building
Drawn By	DM
Checked	JC
Date	19 NOVEMBER 2019
Scale	1" = 30'-0"

Drawing Title
SITE PLAN

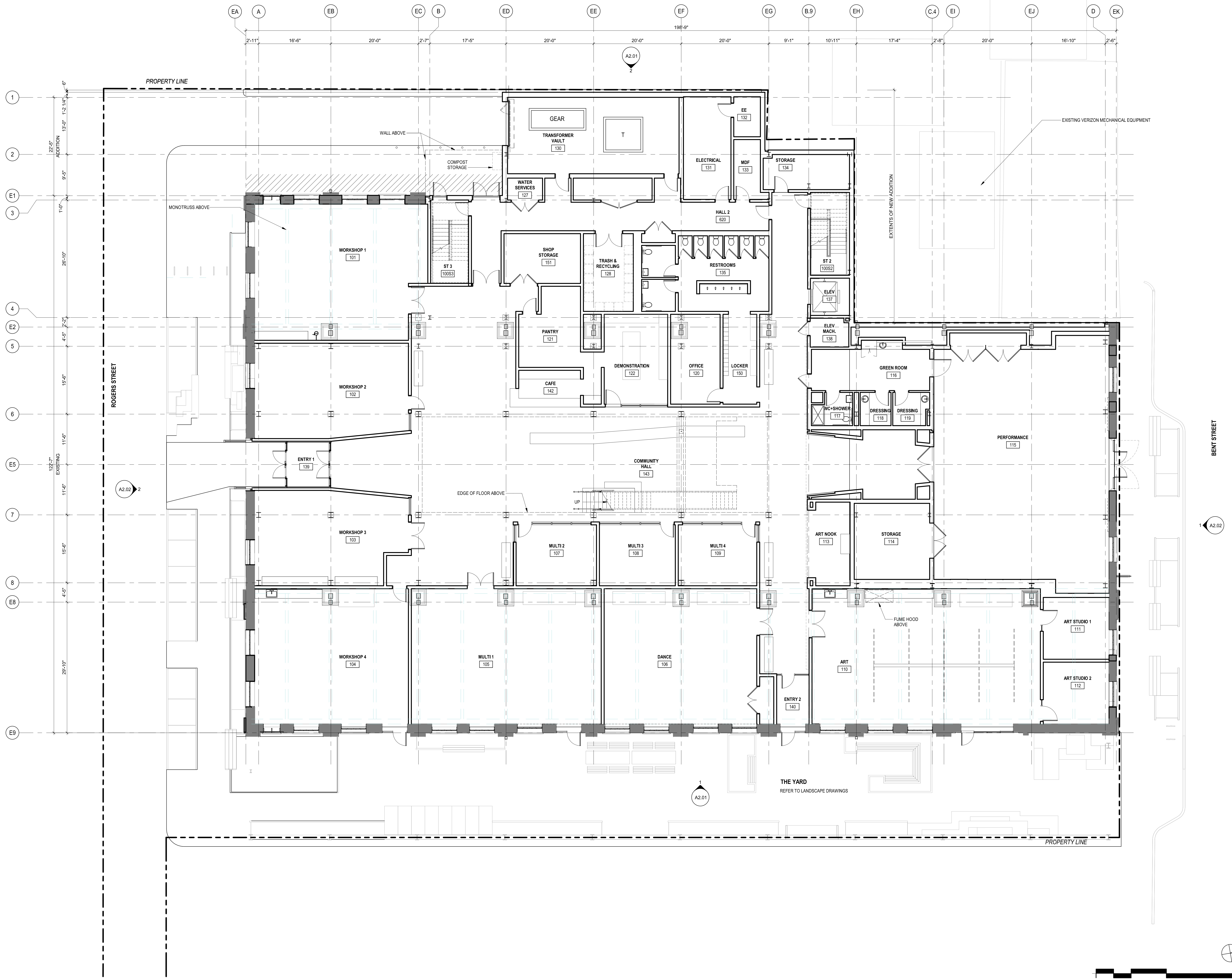


1 SITE PLAN
 1" = 30'-0"

A0.01



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 101 Rogers Street



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Scale	1/8" = 1'-0"

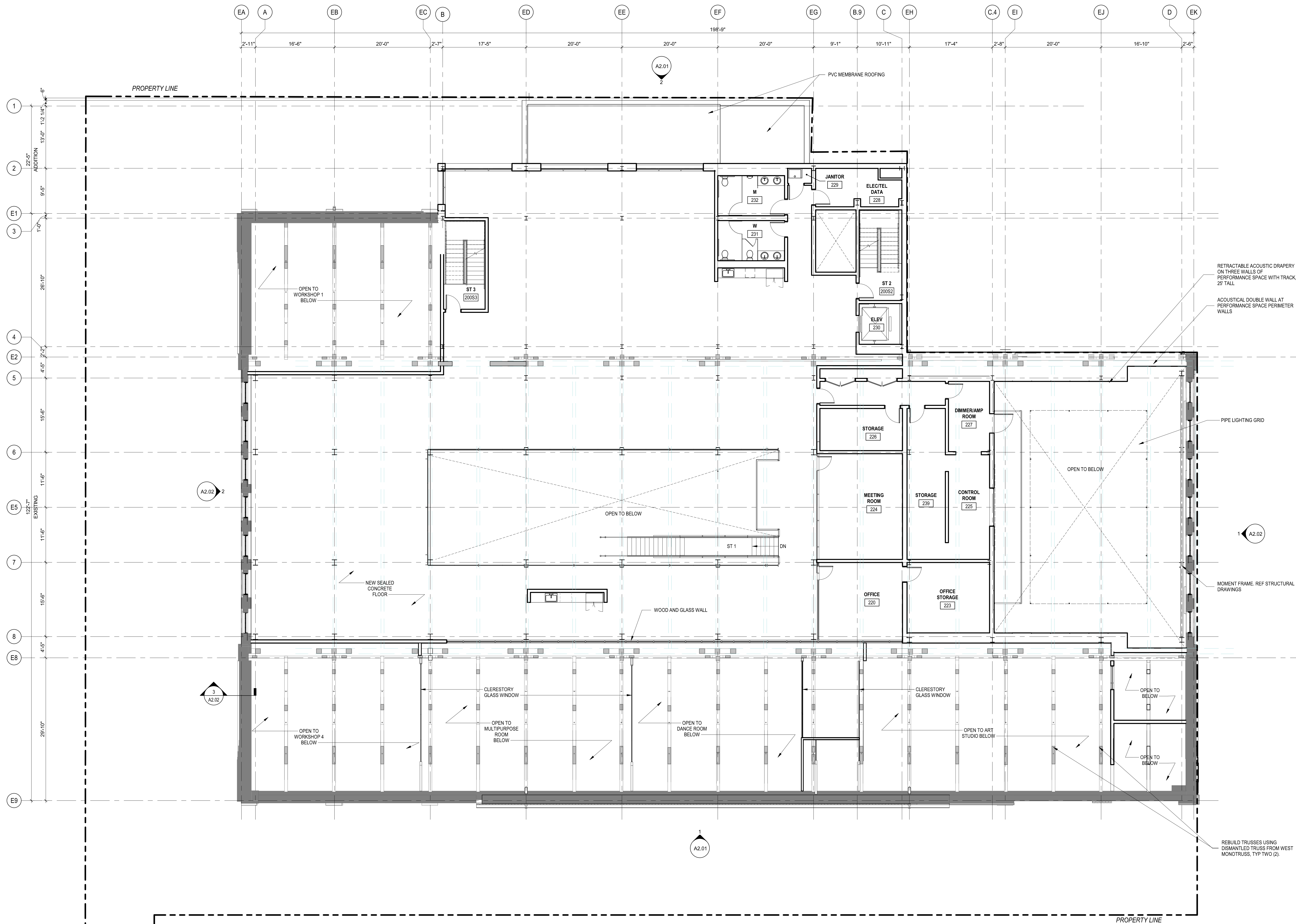
Drawing Title
GROUND FLOOR PLAN

A1.01

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City of Cambridge
The Foundry Building
 101 Rogers Street



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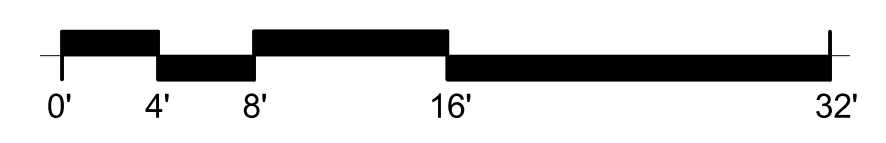
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Job # 1805
 Project The Foundry Building
 Drawn By DM Checked JC
 Date 19 NOVEMBER 2019
 Scale 1/8" = 1'-0"

Drawing Title
SECOND FLOOR PLAN

A1.02

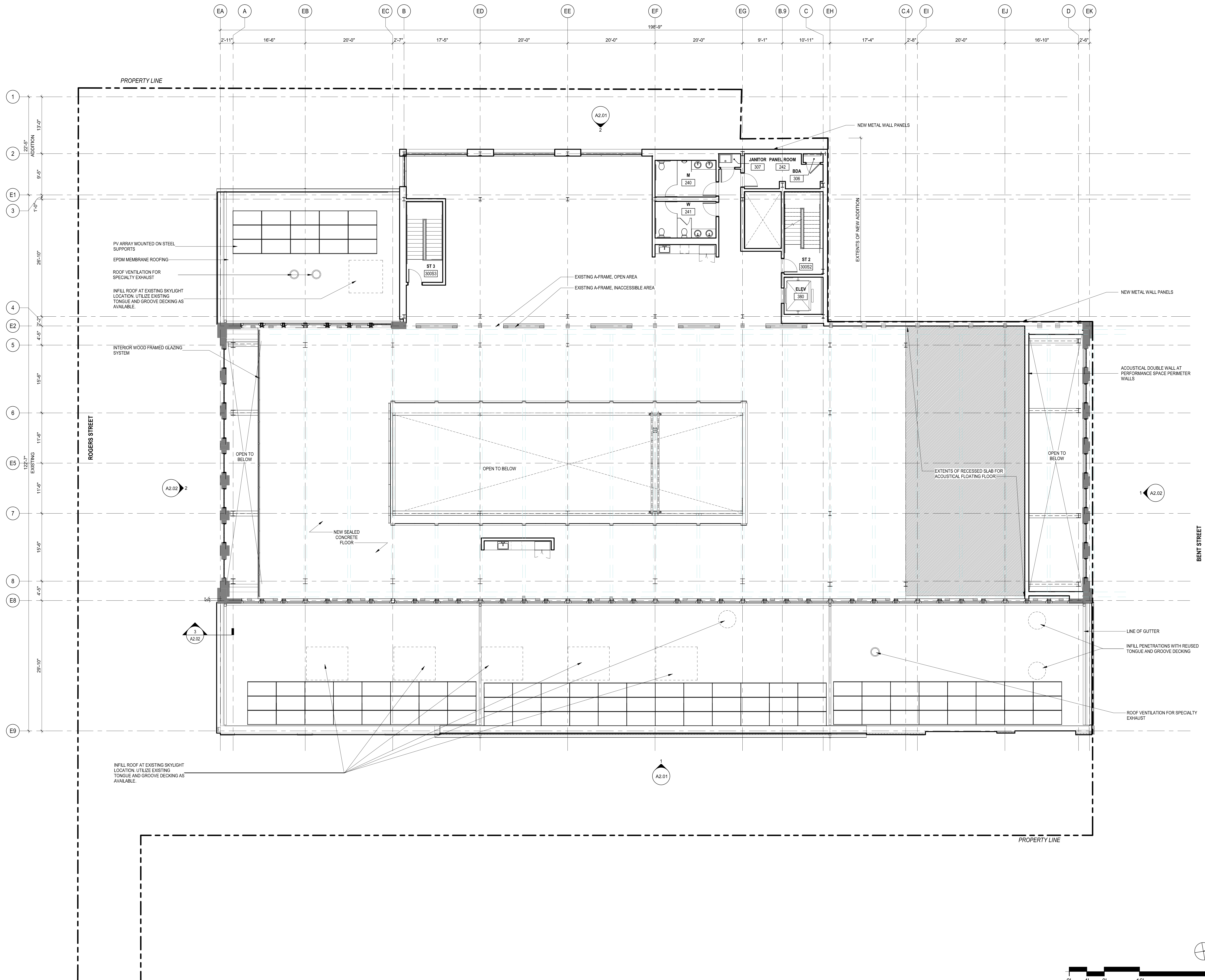


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1 SECOND FLOOR PLAN
 1/8" = 1'-0"



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The Foundry Building
 101 Rogers Street



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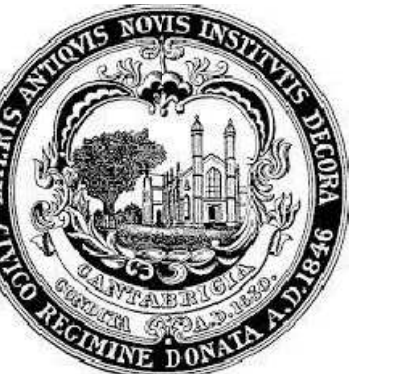
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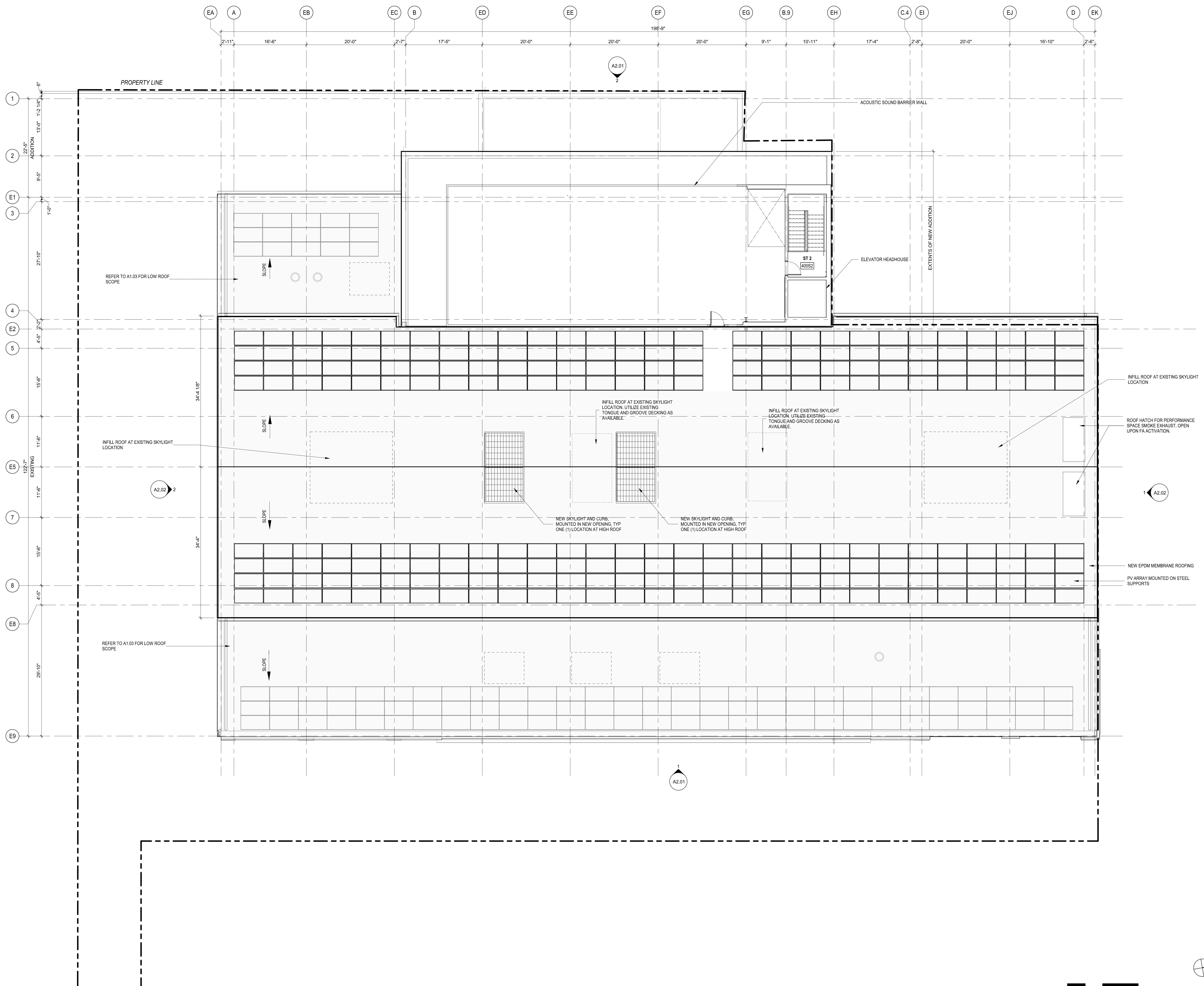
THIRD FLOOR PLAN

A1.03

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City of Cambridge
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 101 Rogers Street



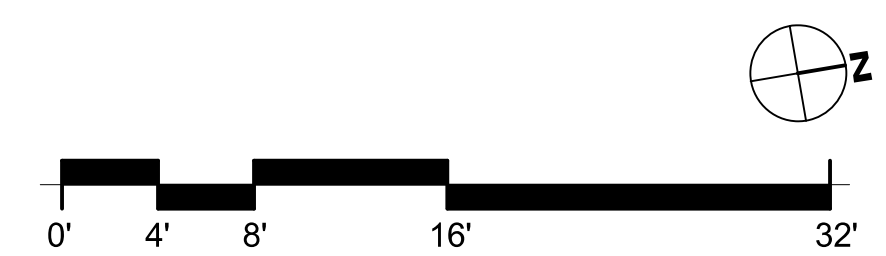
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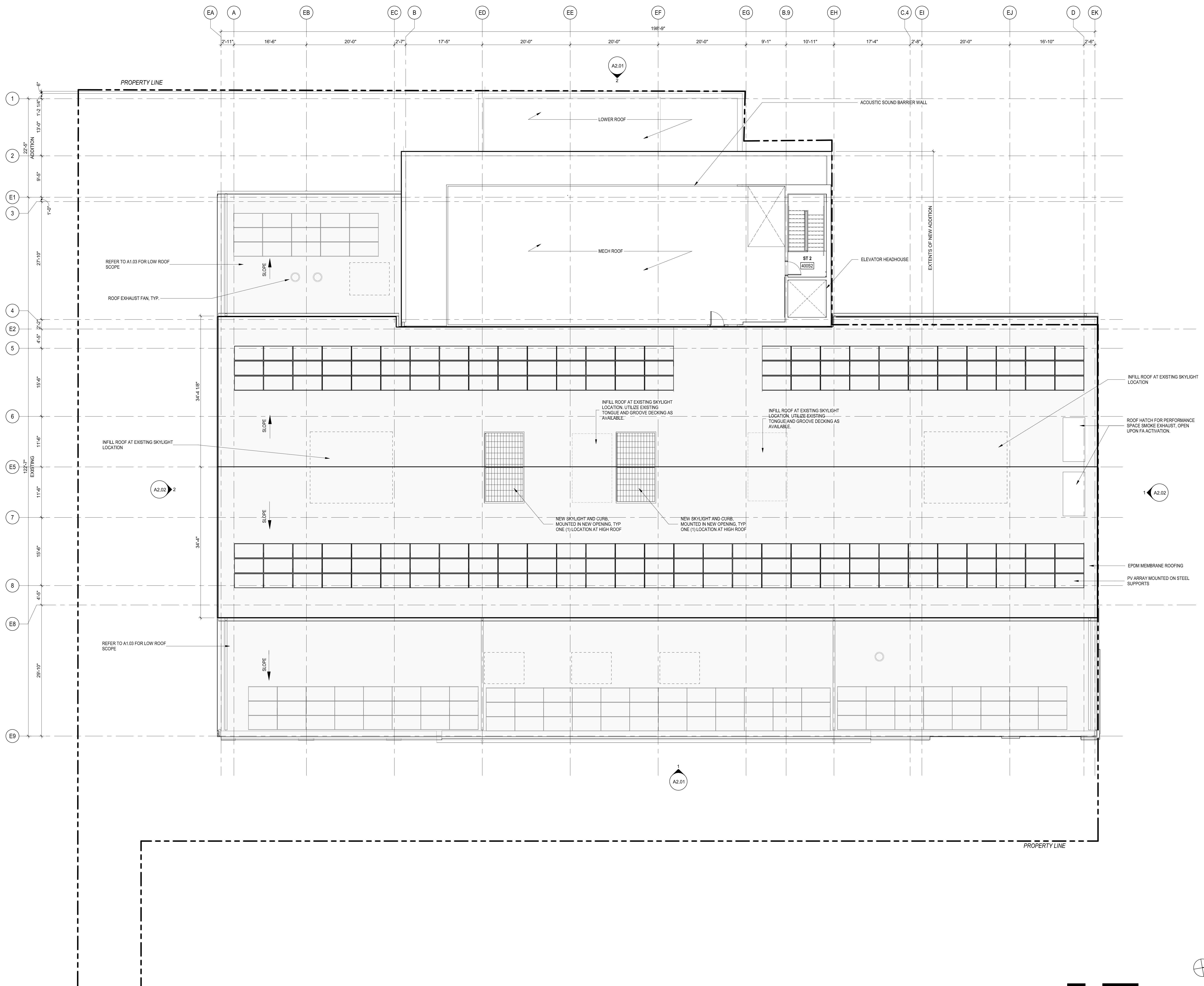
Drawing Title
ROOF PLAN

A1.04





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The Foundry Building
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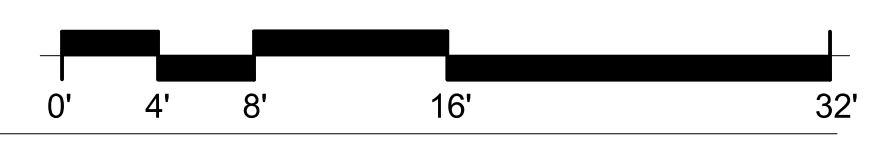
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ROOF PLAN

A1.04

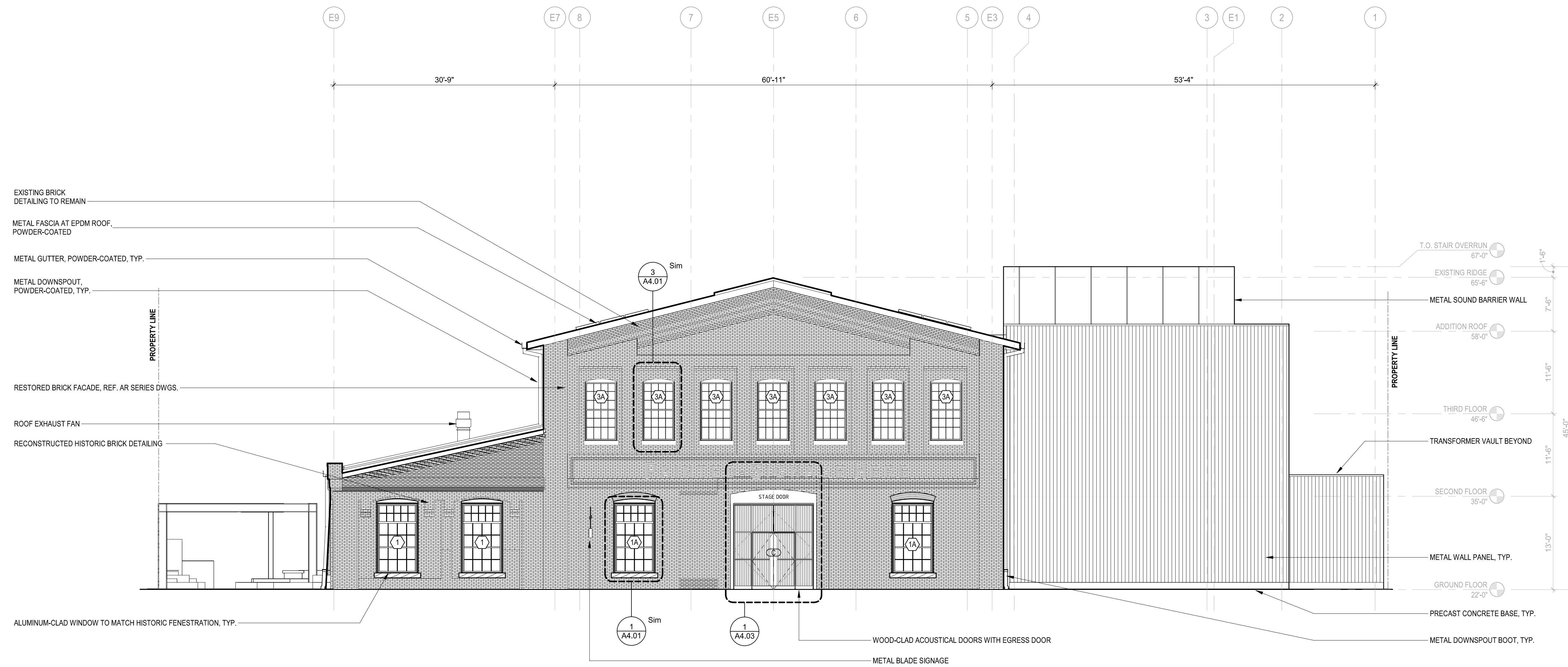


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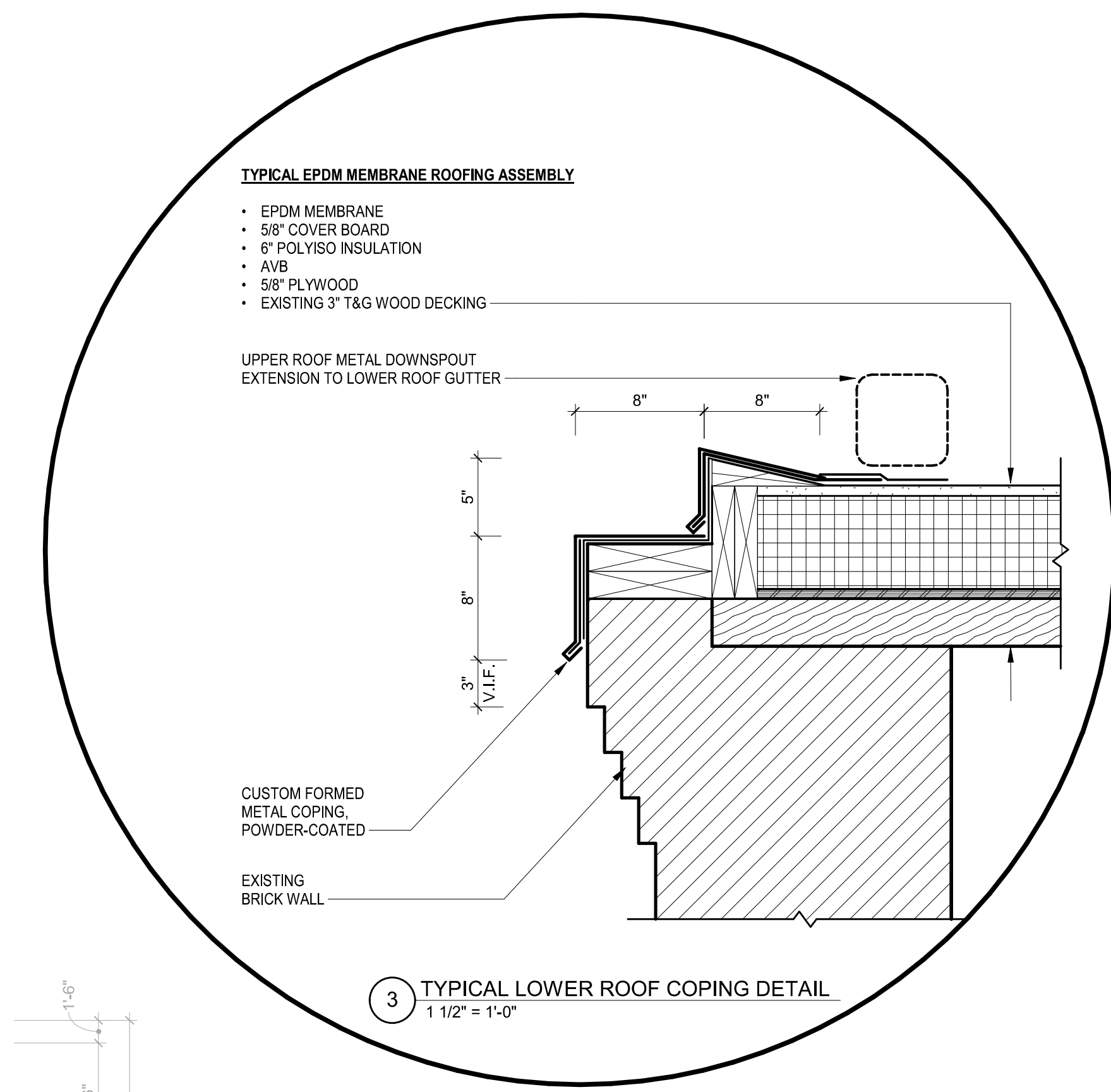
1 ROOF PLAN
 1/8" = 1'-0"



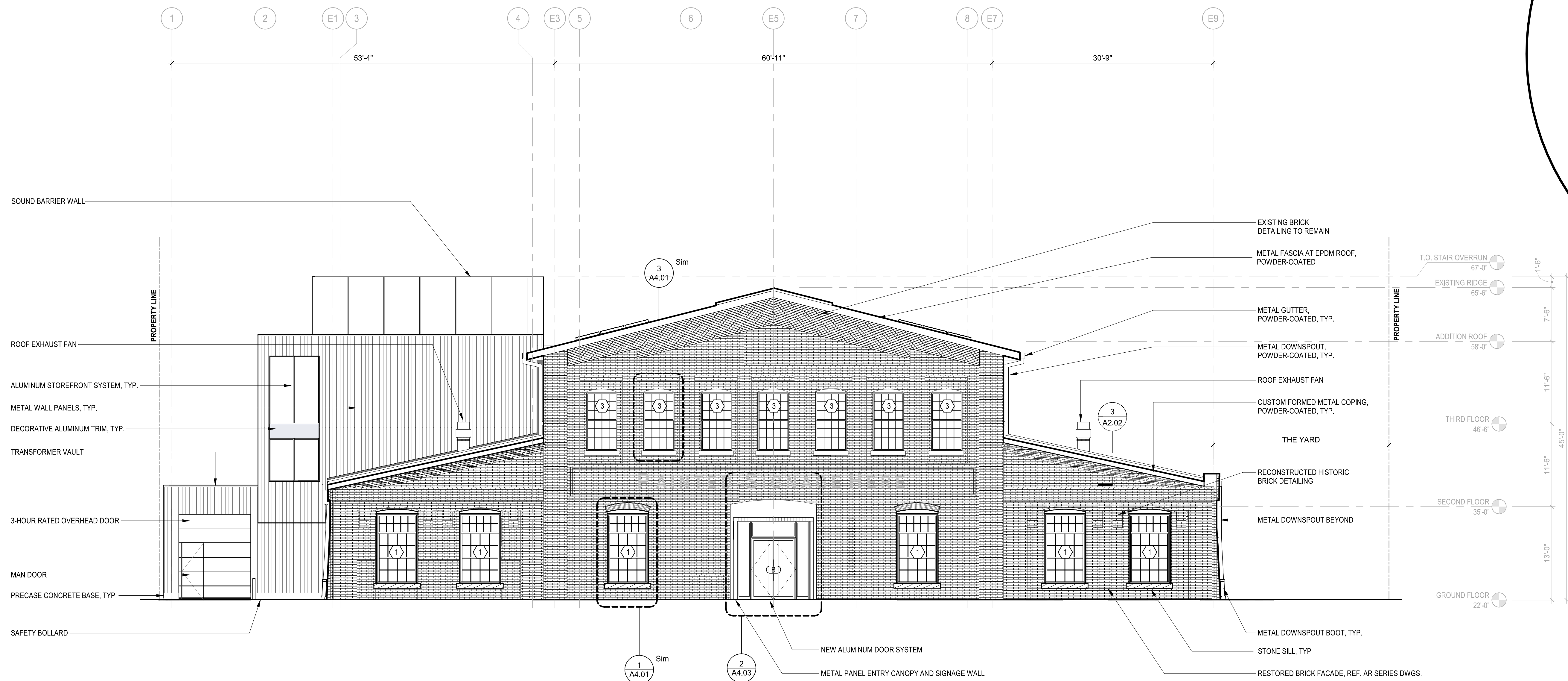
City of Cambridge
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1 EXTERIOR ELEVATION - NORTH
 1/8" = 1'-0"



3 TYPICAL LOWER ROOF COPING DETAIL
 1 1/2" = 1'-0"



2 EXTERIOR ELEVATION - SOUTH
 1/8" = 1'-0"

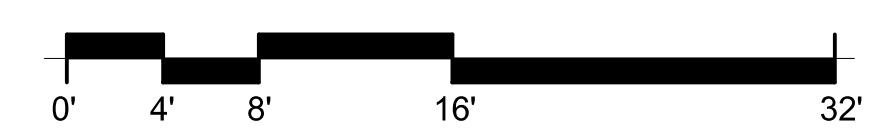
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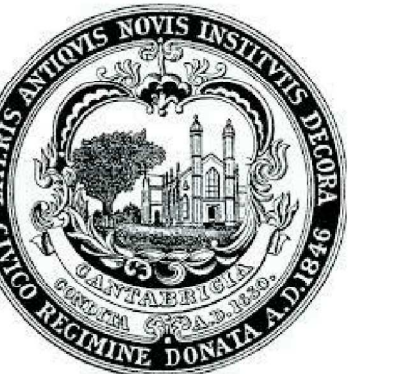
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EXTERIOR ELEVATIONS



A2.02



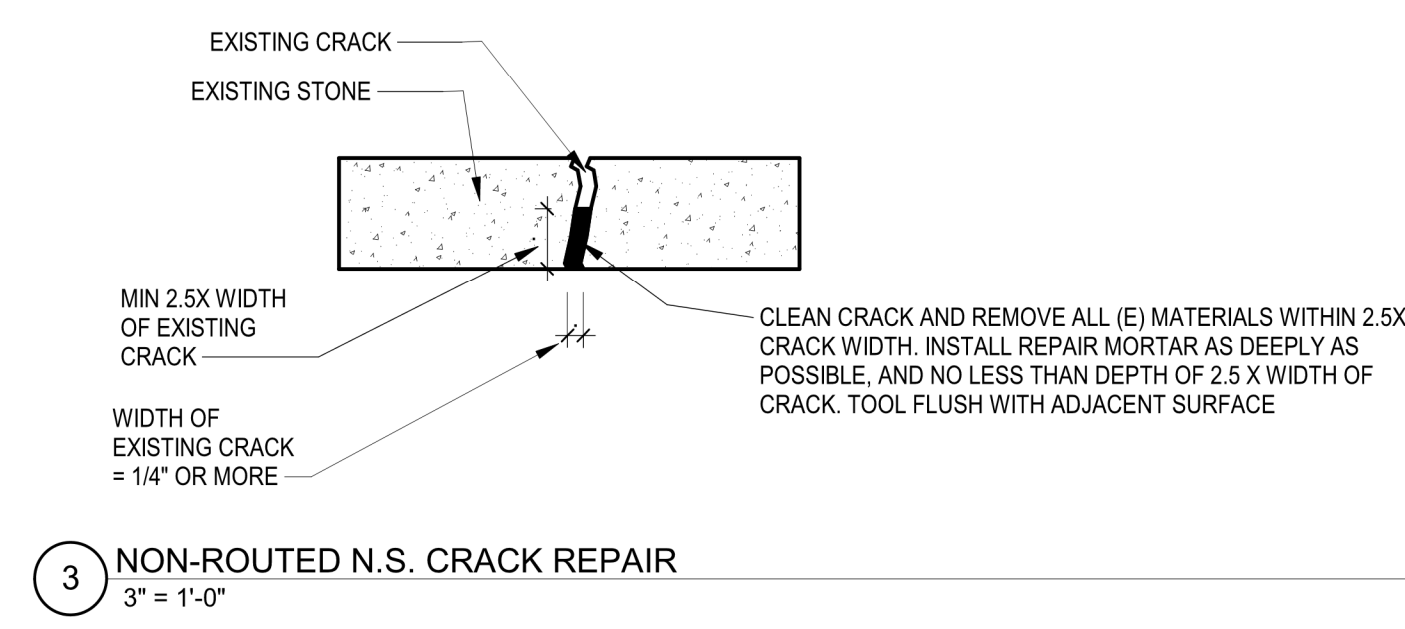
City of Cambridge
The Foundry Building
 101 Rogers Street

MASONRY RESTORATION NOTES:

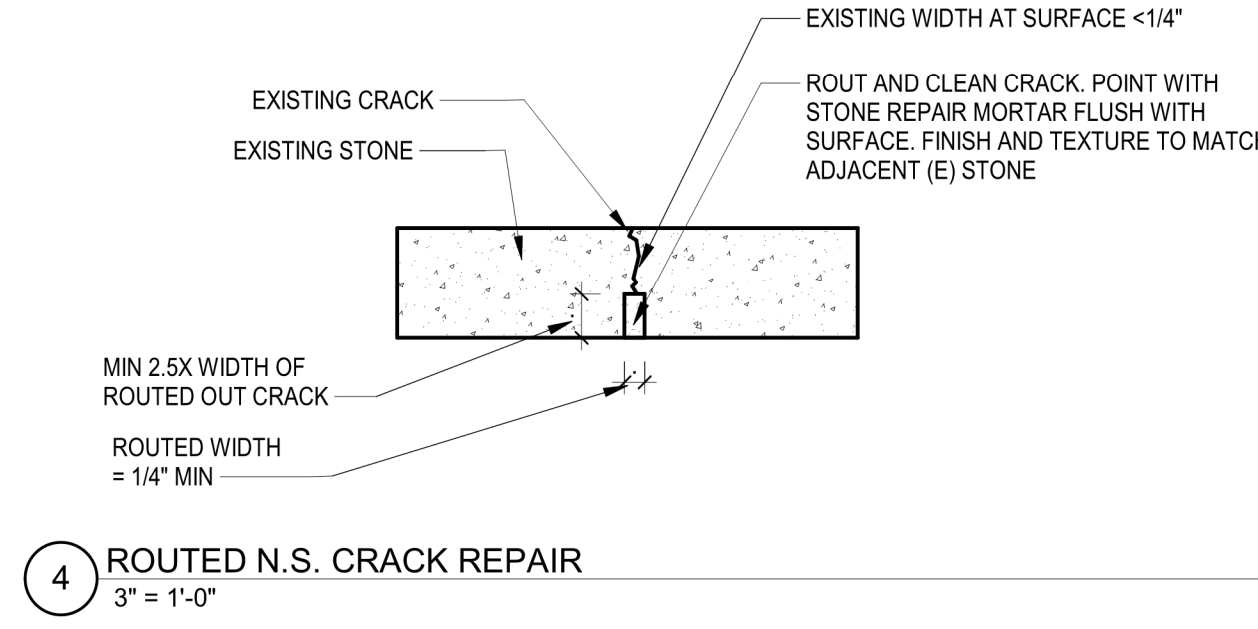
1. AREAS INDICATED ON THIS SHEET FOR MASONRY REPAIR ARE APPROXIMATE AND BASED ON A VISUAL SURVEY COMPLETED FROM THE GROUND USING BINOCULARS ON 30 MAY 2018. PRELIMINARY PRICING IS BASED ON THE AREAS INDICATED ON THESE SHEETS AND A FACTOR OF 1.4 TO ACCOUNT FOR ADDITIONAL REPAIR AREAS THAT MAY BE IDENTIFIED DURING HANDS-ON ASSESSMENT. DO NOT TAKE-OFF OR SCALE REPAIR QUANTITIES FROM THESE ELEVATIONS. REFER TO MASONRY RESTORATION SCOPE DATED MAY 17, 2019.
2. FULL-THICKNESS REBUILD WILL BE REQUIRED WHERE EXISTING FENESTRATION IS SCHEDULED TO BE INFILLED WITH MASONRY TO MATCH EXISTING. THESE AREAS ARE IDENTIFIED BASED ON A COMPARISON OF THE EXISTING AND PROPOSED FENESTRATION LOCATIONS INDICATED ON SHEET D2.01 AND D2.02 OF THE DEMOLITION DRAWINGS.
3. ELEVATION MARKUPS ASSUME THAT SECOND-STORY WINDOW PERIMETERS IN MASONRY END WALLS WILL NOT NEED TO BE REBUILT (I.E. WILL REMAIN INTACT DURING DEMOLITION AND NOT NEED TO BE MODIFIED TO ACCOMMODATE NEW WINDOWS).

LEGEND

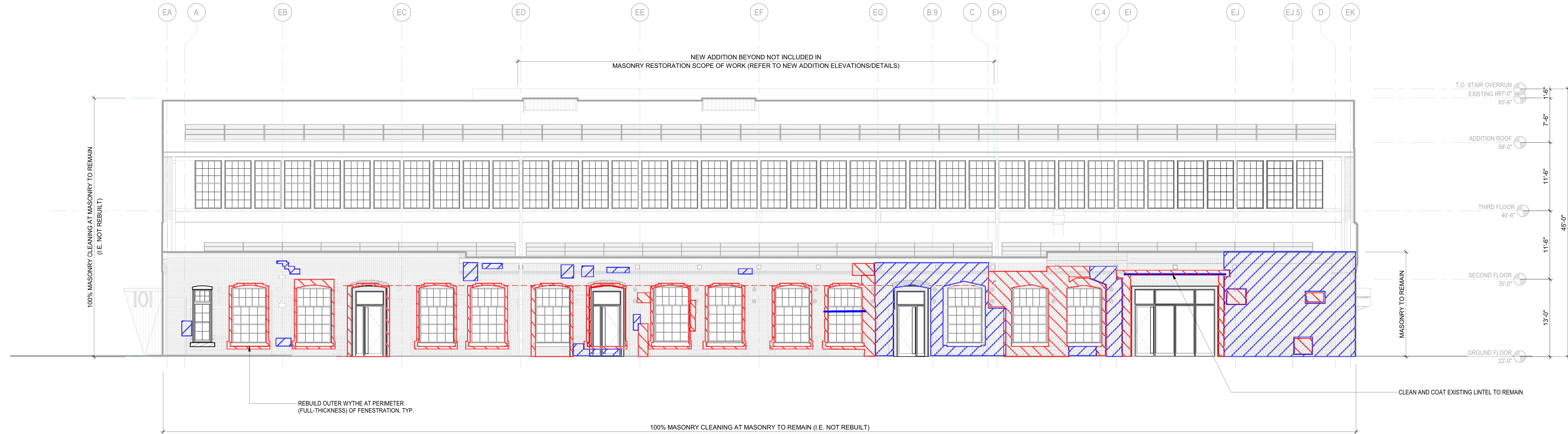
- REBUILD OUTER WYTHE
- REPOINT
- FULL-THICKNESS MASONRY REBUILD
- REMOVE EMBEDDED FASTENER AND REPOINT JOINT
- REMOVE AND REPLACE SPALLED BRICK
- REMOVE EXISTING STEEL LINTEL, PROVIDE TEMPORARY SHORING OR SUPPORT OF MASONRY ABOVE, AS NEEDED, UNTIL MASONRY RESTORATION IS COMPLETE



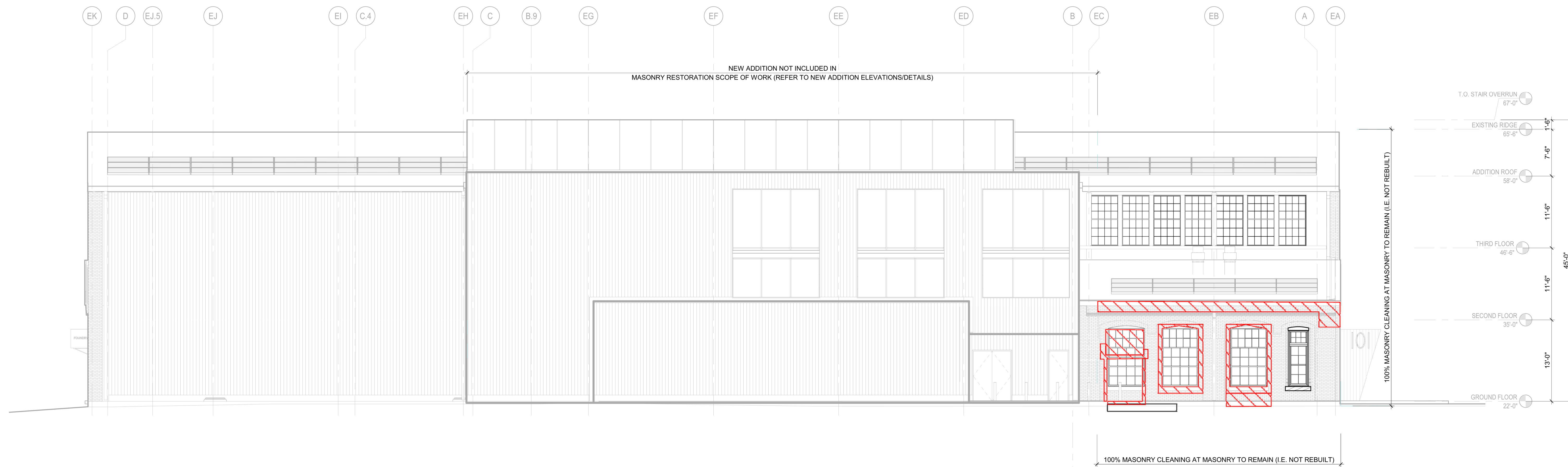
3 NON-ROUTED N.S. CRACK REPAIR
 3\"/>



4 ROUTED N.S. CRACK REPAIR
 3\"/>



1 MASONRY RESTORATION - EAST
 1/8\"/>



2 MASONRY RESTORATION - WEST
 1/8\"/>

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Scale	As indicated

MASONRY RESTORATION ELEVATIONS

AR2.01



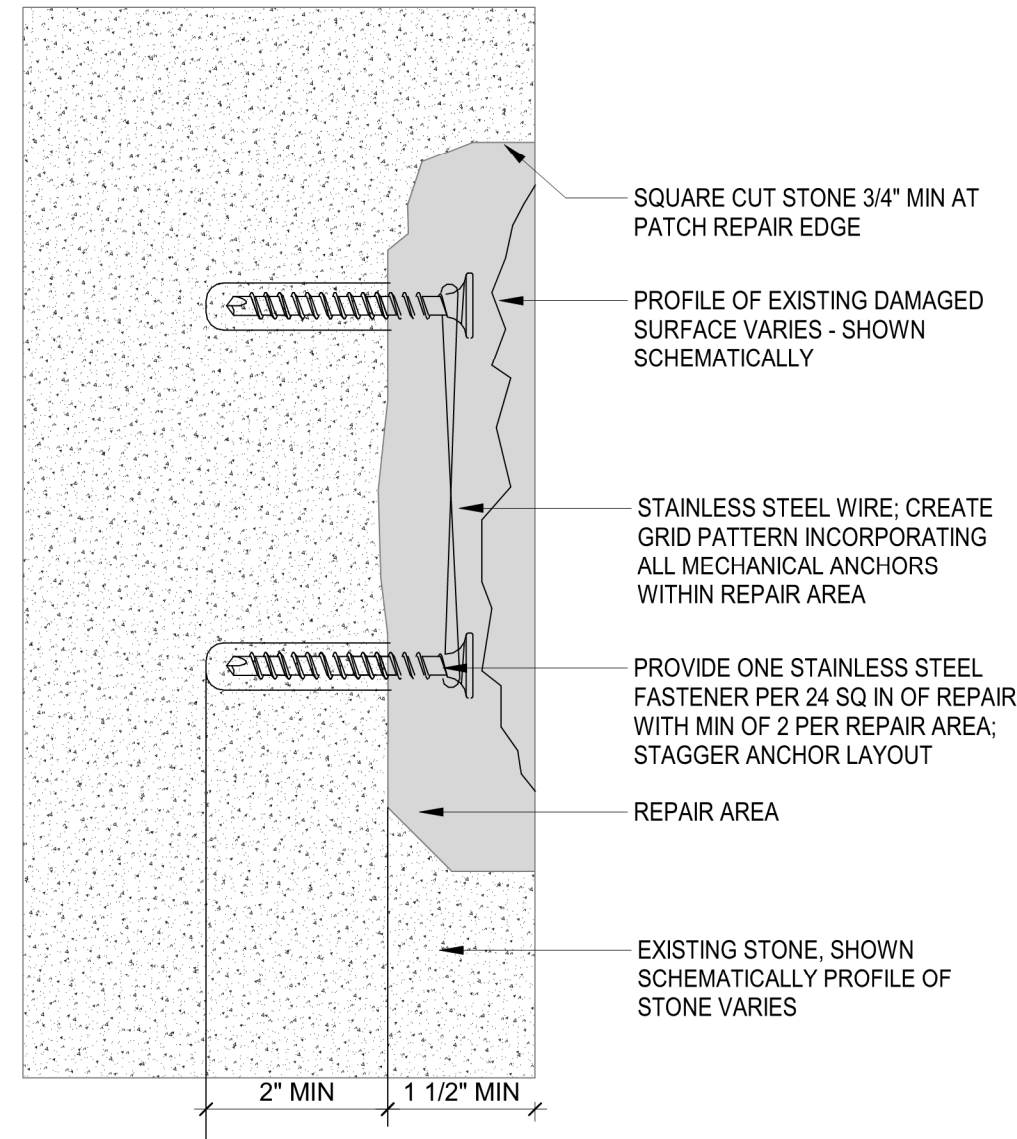
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The Foundry Building
101 Rogers Street

MASONRY RESTORATION NOTES:

1. AREAS INDICATED ON THIS SHEET FOR MASONRY REPAIR ARE APPROXIMATE AND BASED ON A VISUAL SURVEY COMPLETED FROM THE GROUND USING BINOCULARS ON 30 MAY 2018. PRELIMINARY PRICING IS BASED ON THE AREAS INDICATED ON THESE SHEETS AND A FACTOR OF 1.4 TO ACCOUNT FOR ADDITIONAL REPAIR AREAS THAT MAY BE IDENTIFIED DURING HANDS-ON ASSESSMENT. DO NOT TAKE-OFF OR SCALE REPAIR QUANTITIES FROM THESE ELEVATIONS. REFER TO MASONRY RESTORATION SCOPE DATED MAY 17, 2019.
2. FULL-THICKNESS REBUILD WILL BE REQUIRED WHERE EXISTING PENETRATION IS SCHEDULED TO BE INFILLED WITH MASONRY TO MATCH EXISTING. THESE AREAS ARE IDENTIFIED BASED ON A COMPARISON OF THE EXISTING AND PROPOSED PENETRATION LOCATIONS INDICATED ON SHEET D2.01 AND D2.02 OF THE DEMOLITION DRAWINGS.
3. ELEVATION MARKUPS ASSUME THAT SECOND-STORY WINDOW PERIMETERS IN MASONRY END WALLS WILL NOT NEED TO BE REBUILT (I.E. WILL REMAIN INTACT DURING DEMOLITION AND NOT NEED TO BE MODIFIED TO ACCOMMODATE NEW WINDOWS).

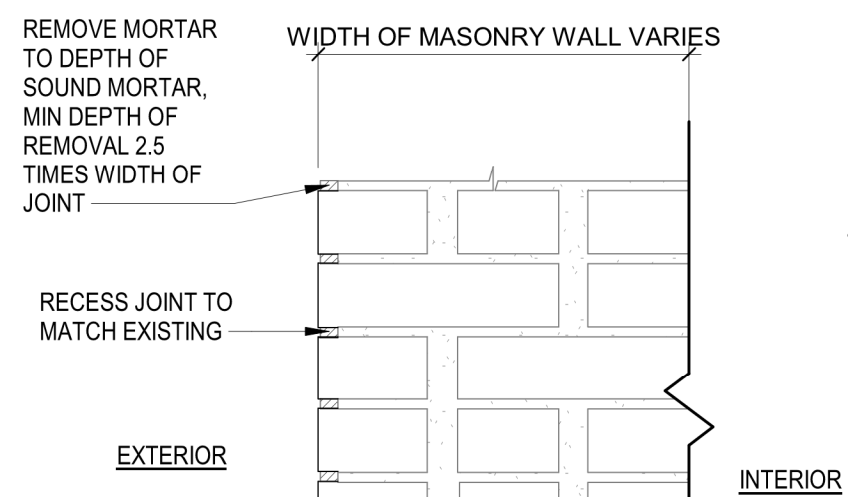
LEGEND

- REBUILD OUTER WYTHE
- REPOINT
- FULL-THICKNESS MASONRY REBUILD
- REMOVE EMBEDDED FASTENER AND REPOINT JOINT
- REMOVE AND REPLACE SPALLED BRICK
- REMOVE EXISTING STEEL LINTEL (PROVIDE TEMPORARY SHORING OR SUPPORT OF MASONRY ABOVE, AS NEEDED, UNTIL MASONRY RESTORATION IS COMPLETE)

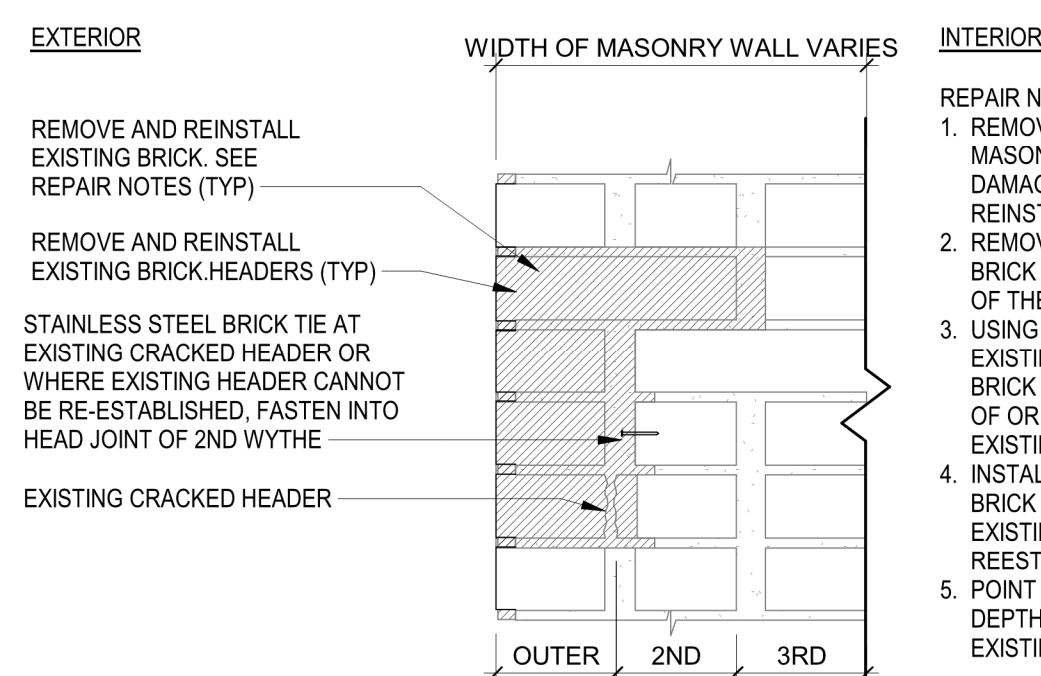


NOTE: FOR USE AT SMALL REPAIRS AND REPAIRS WITH COMPLEX GEOMETRY WHERE A DUTCHMAN CANNOT BE PROVIDED

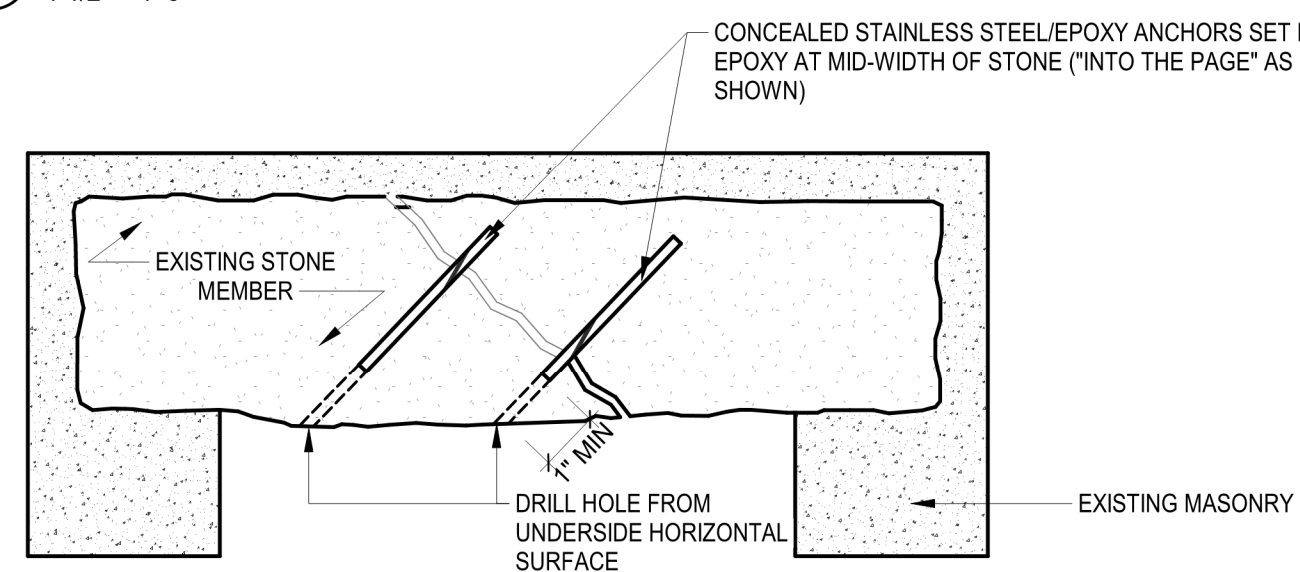
6 TYP STONE REPAIR USING REPAIR MORTAR - SECTION
1 1/2" = 1'-0"



5 TYP BRICK REPOINTING - SECTION
1 1/2" = 1'-0"

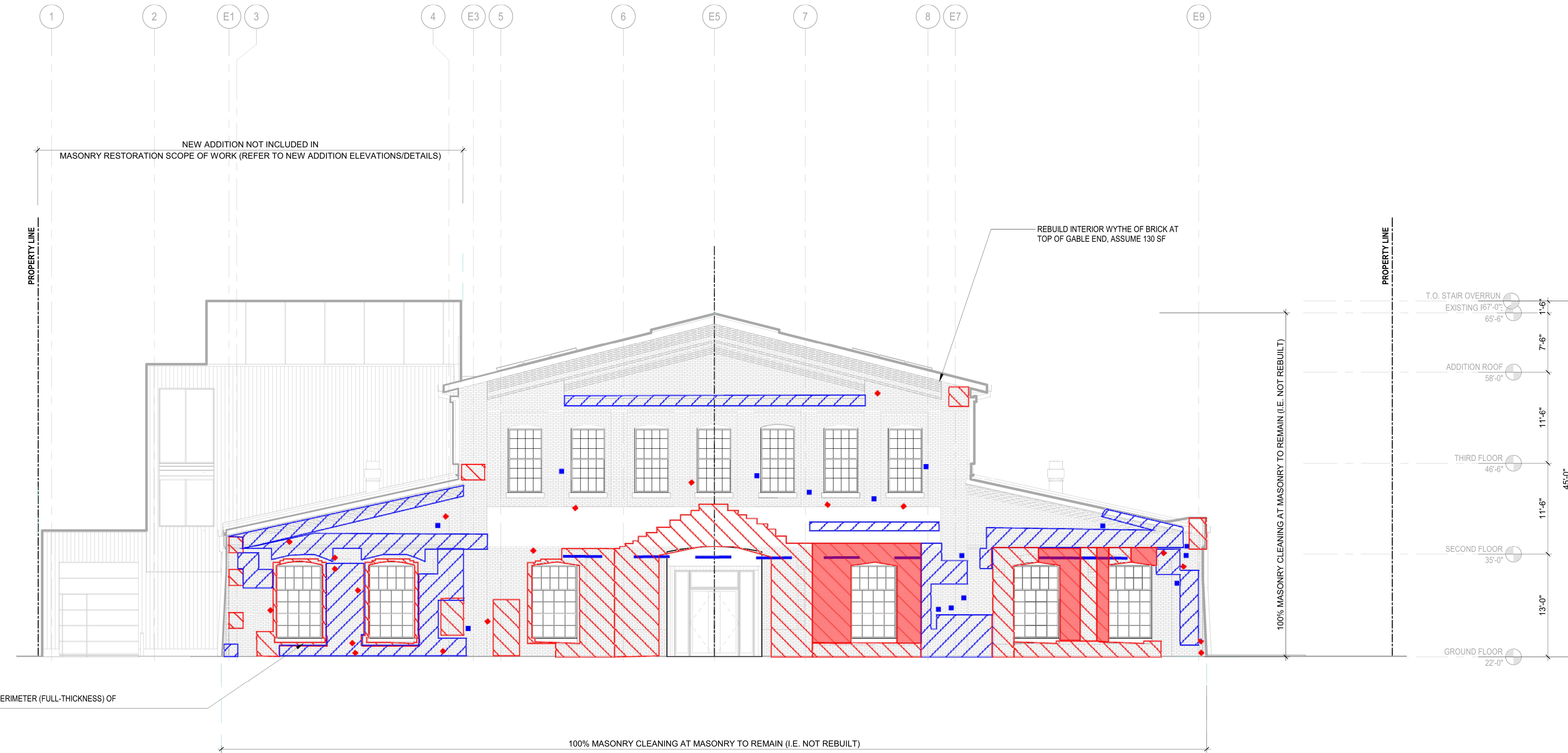


4 TYP OUTER WYTHE BRICK REPAIR - SECTION
1 1/2" = 1'-0"

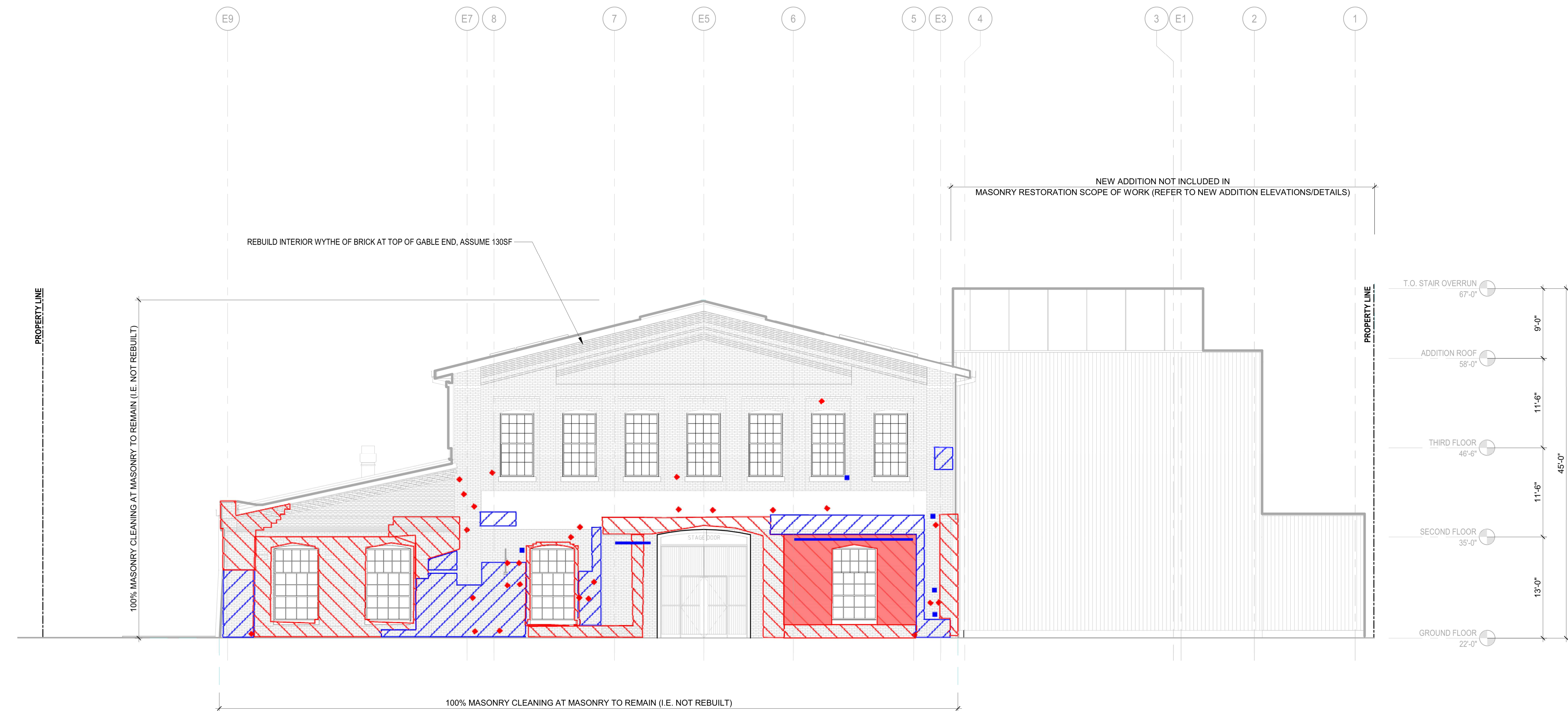


- NOTES:
1. PRIOR TO STARTING REPAIR, PROVIDE ENGINEER WITH ANNOTATED PHOTOS SHOWING DIMENSIONS OF STONE, SO ENGINEER CAN SPECIFY MINIMUM EMBEDMENT LENGTH, MINIMUM BOWEL DIAMETER, NUMBER OF RODS REQUIRED, AND ANGLE OF RODS
 2. INSTALL STAINLESS STEEL ROD ANCHORS SET IN EPOXY, INSTALLED PERPENDICULAR TO CRACK AT MID-WIDTH OF STONE, TWO MINIMUM PER MEMBER. RECESS HEAD OF ANCHOR MIN 1" FROM EXPOSED STONE.
 3. CLEAN CRACK WITH COMPRESSED AIR. INJECT CRACK WITH EPOXY TINTED TO MATCH COLOR OF STONE. APPLY STONE DUST FROM DRILL HOLE TO SURFACE OF EPOXY WHEN WET.
 4. PATCH EXPOSED HOLE AT DRILL POINT WITH REPAIR MORTAR.

3 STRUCTURAL CRACK REPAIR AT SPANNING STONE - SECTION
1 1/2" = 1'-0"



2 MASONRY RESTORATION - SOUTH
1/8" = 1'-0"



1 MASONRY RESTORATION - NORTH
1/8" = 1'-0"

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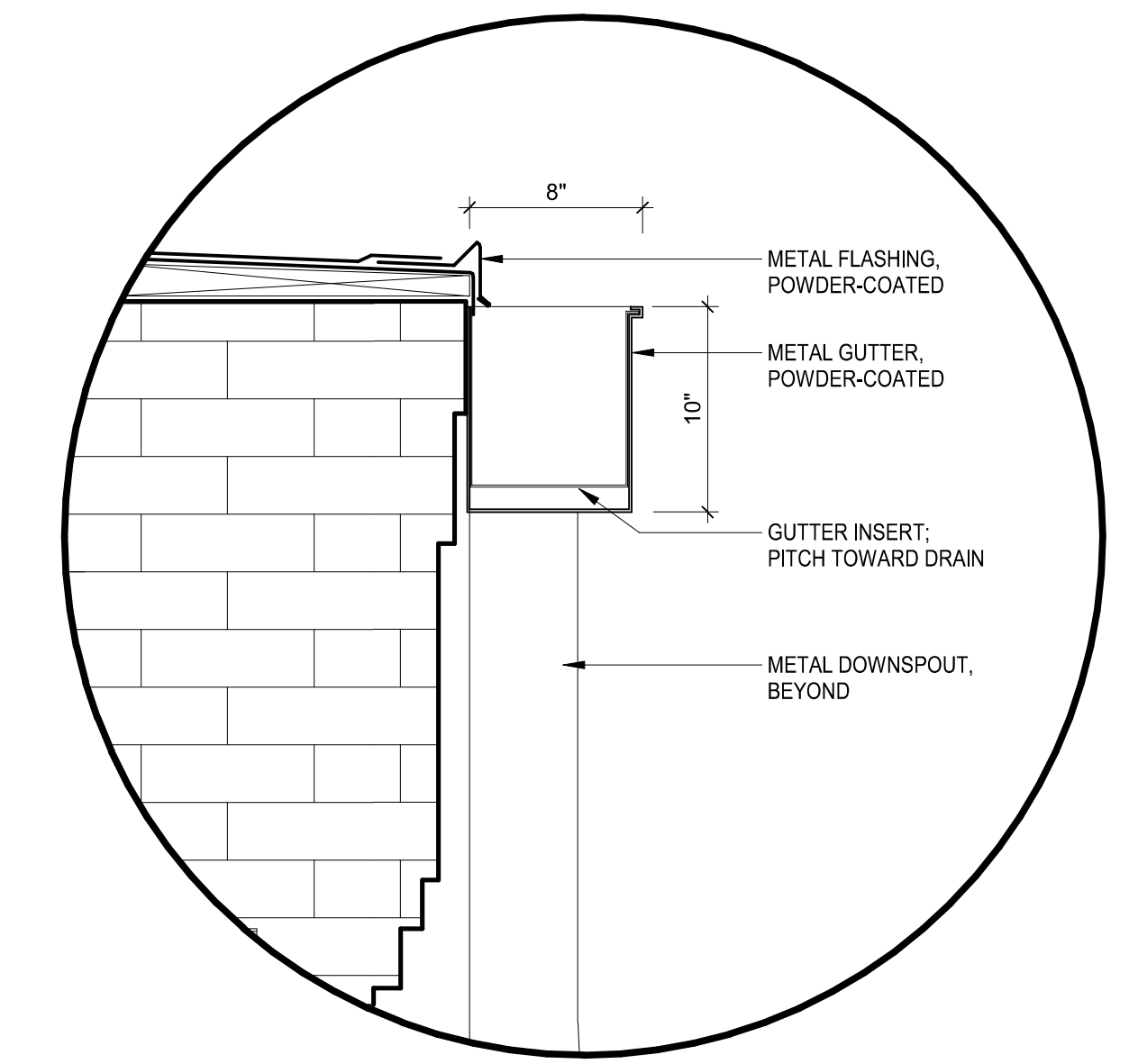
Job #	1805
Project	The Foundry Building
Drawn By	SGH
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Scale	As indicated

MASONRY RESTORATION
ELEVATIONS

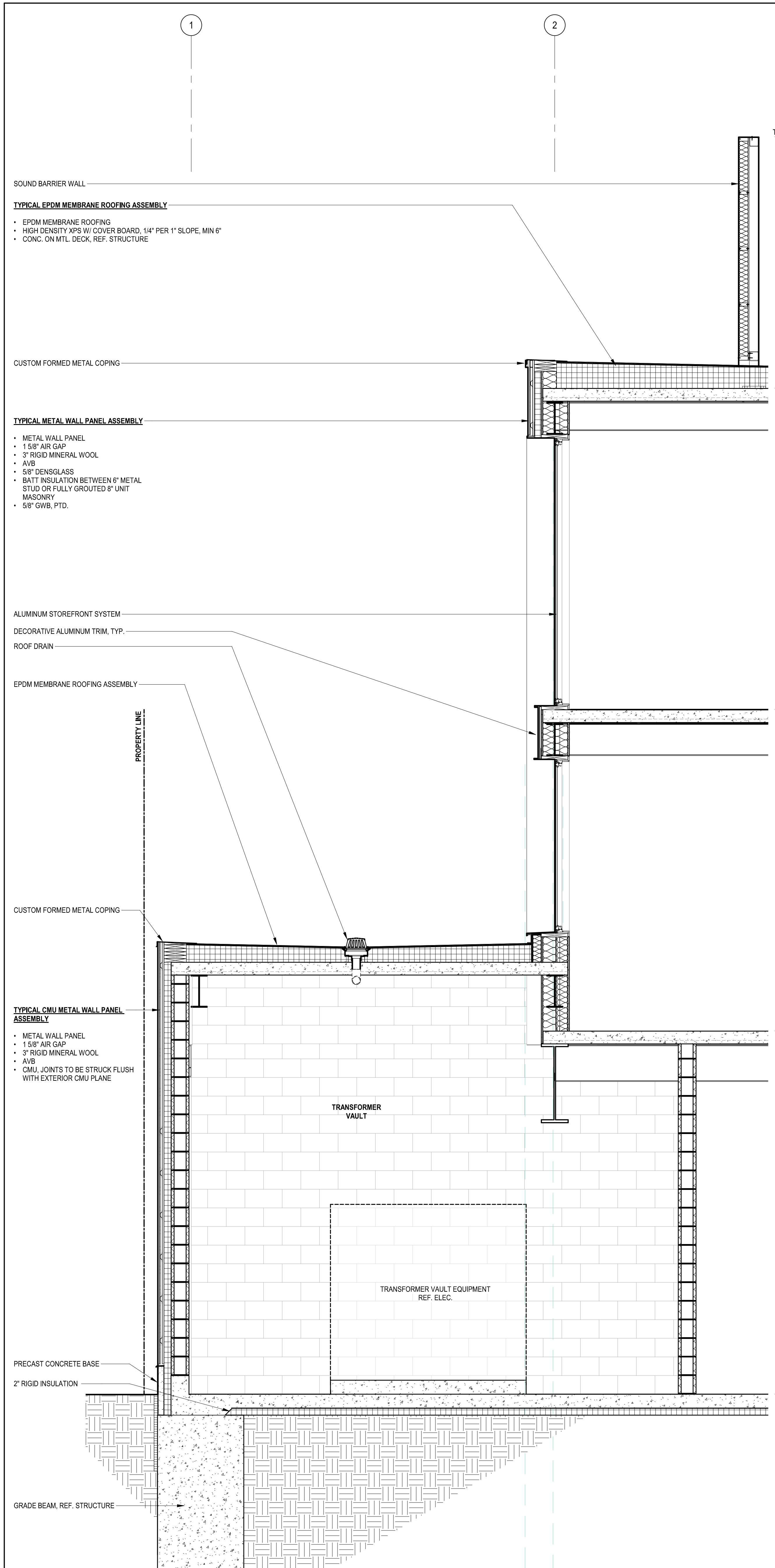
AR2.02



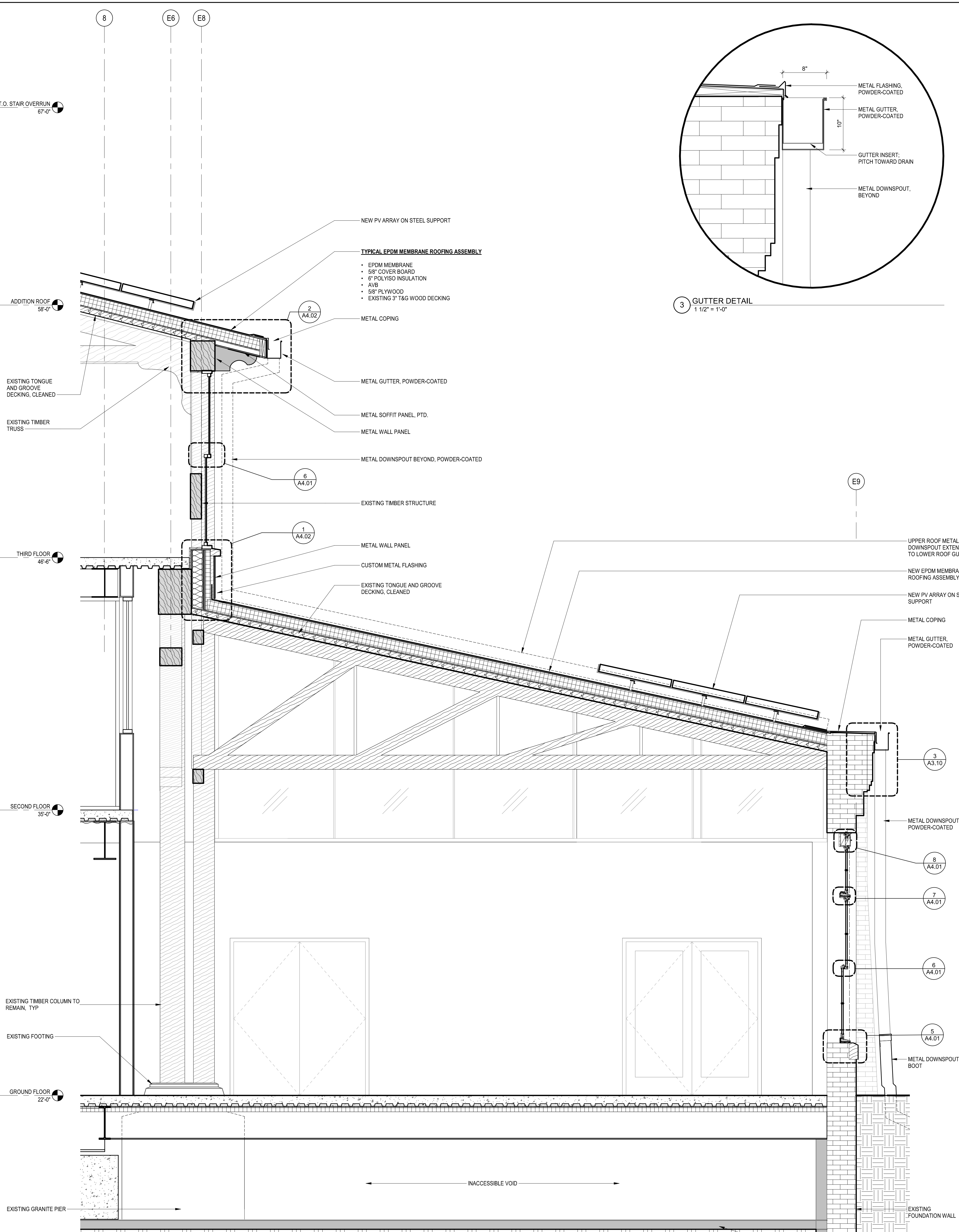
City of Cambridge
The Foundry Building
 101 Rogers Street



3 GUTTER DETAIL
 1/12" = 1'-0"



2 TYPICAL EXTERIOR WALL SECTION AT NEW ADDITION
 1/2" = 1'-0"



1 TYPICAL EXTERIOR WALL SECTION AT EXISTING BUILDING
 1/2" = 1'-0"

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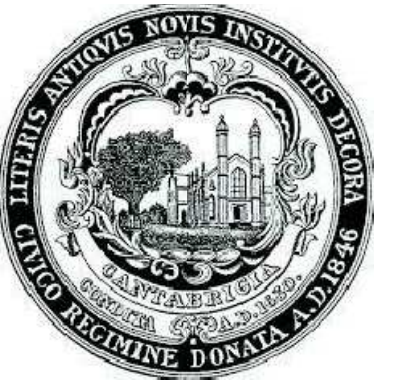
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TYPICAL EXTERIOR WALL SECTIONS

A3.10

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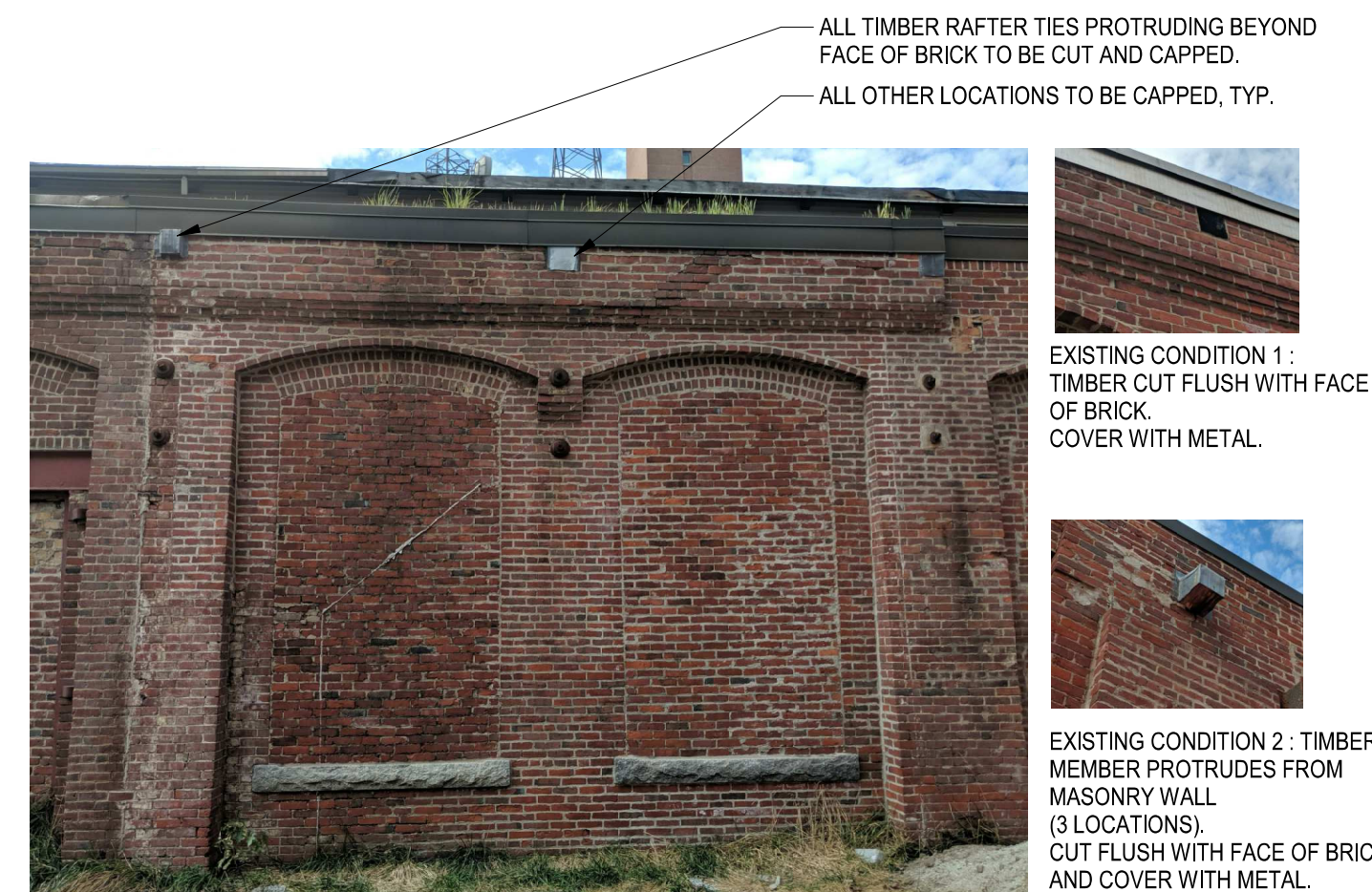


STORM FRAME ON EXTERIOR OF WINDOW FRAME NOT REPLICATED IN RENOVATION

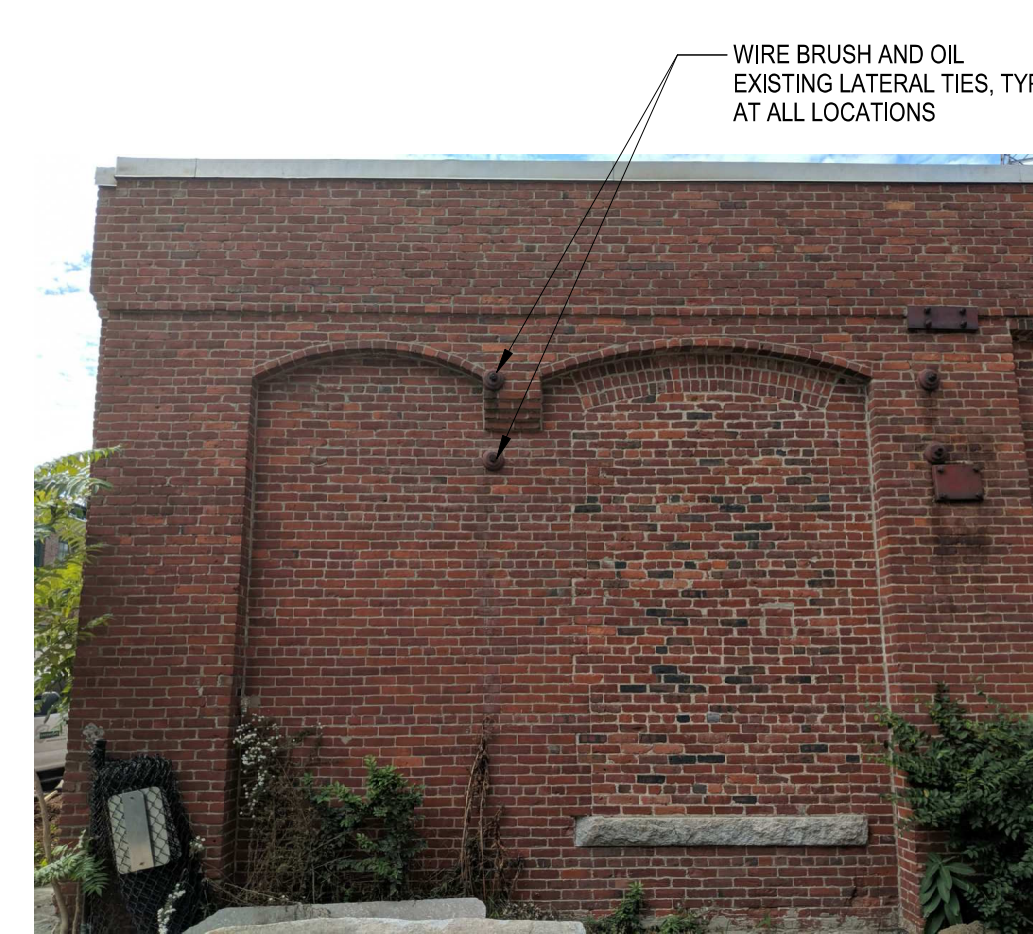
HISTORIC PHOTO - TYPE 1



HISTORIC PHOTO - TYPE 3



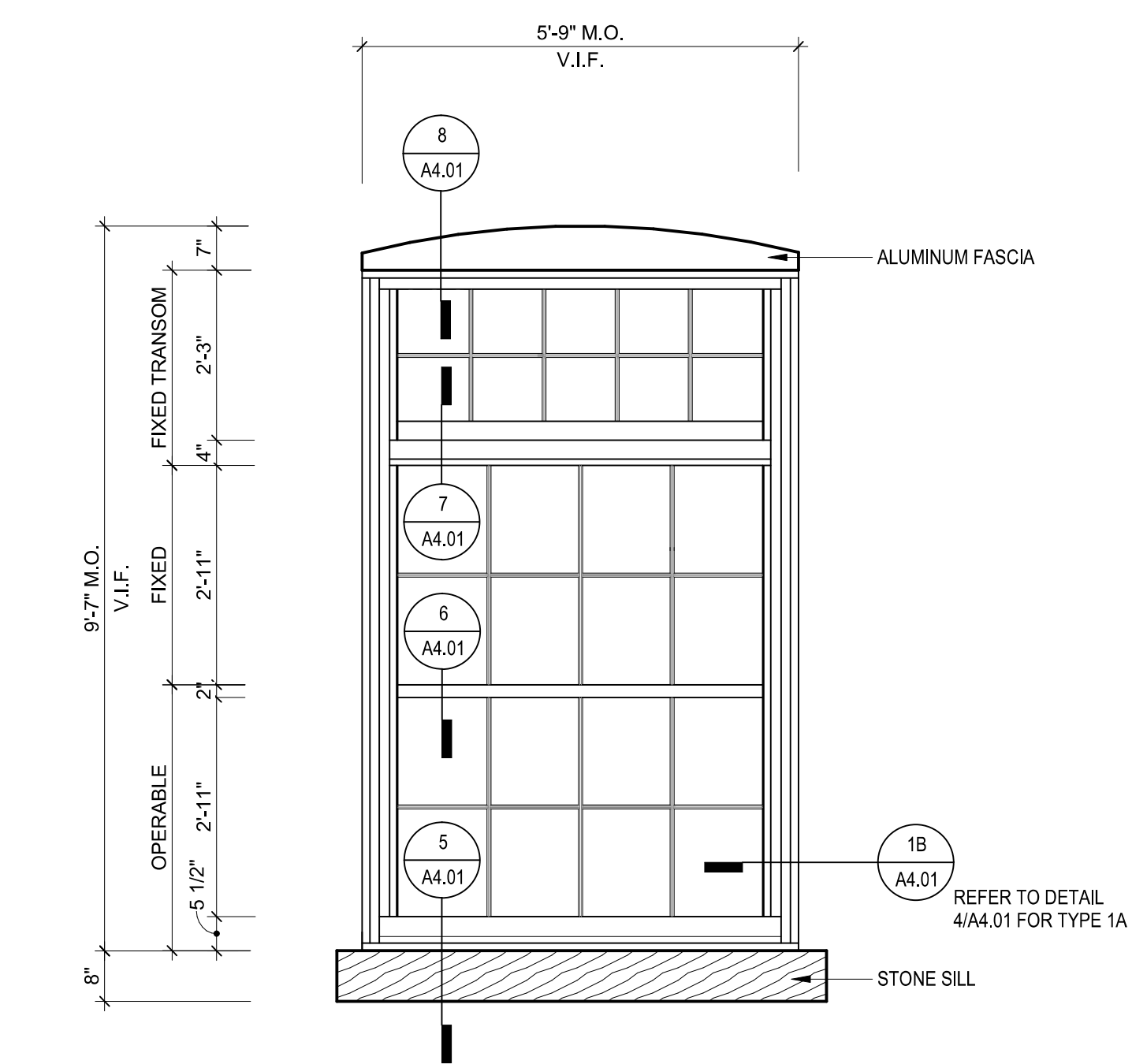
EXISTING CONDITION - TYPE 1



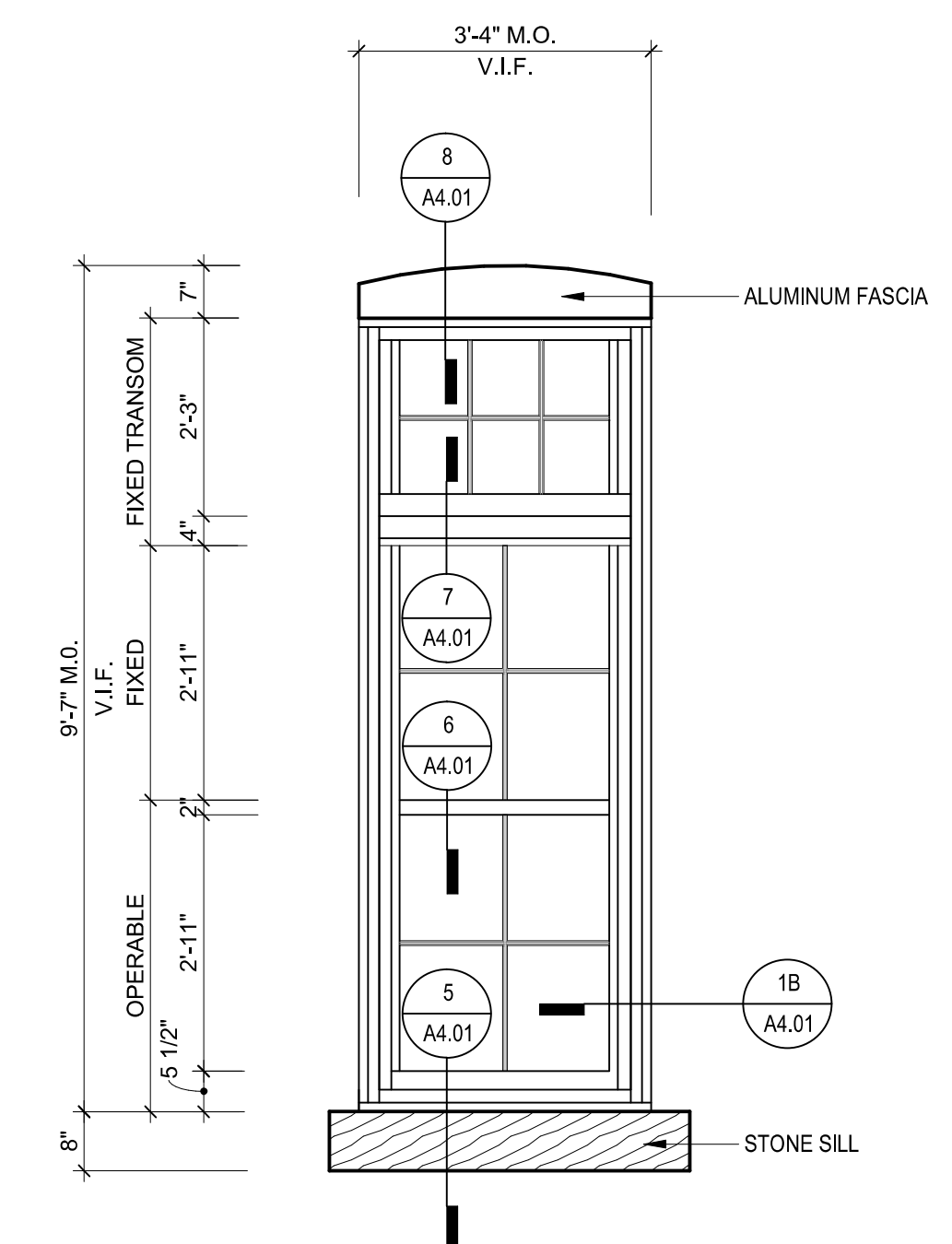
EXISTING CONDITION - TYPE 2



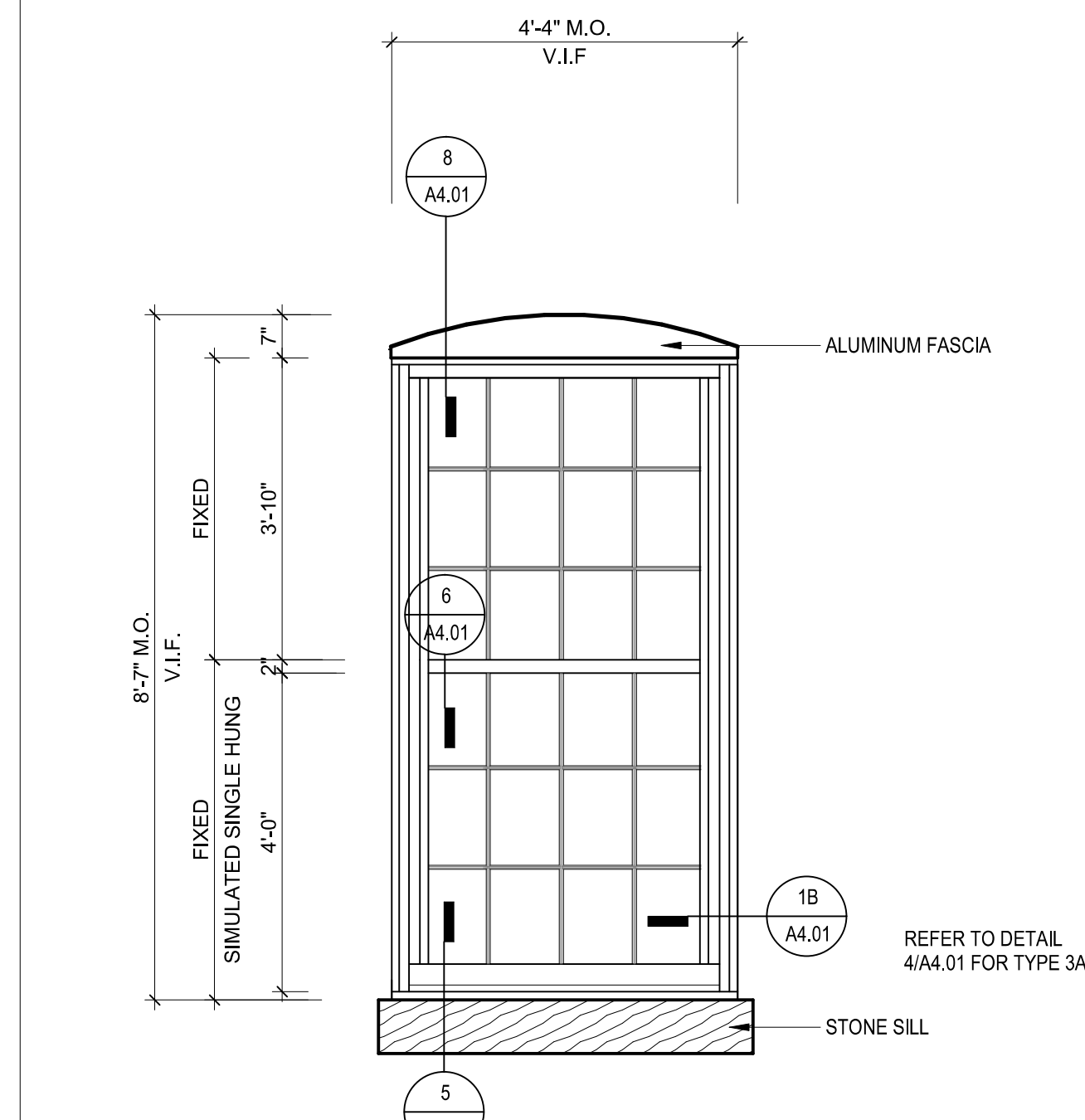
EXISTING CONDITION - TYPE 3



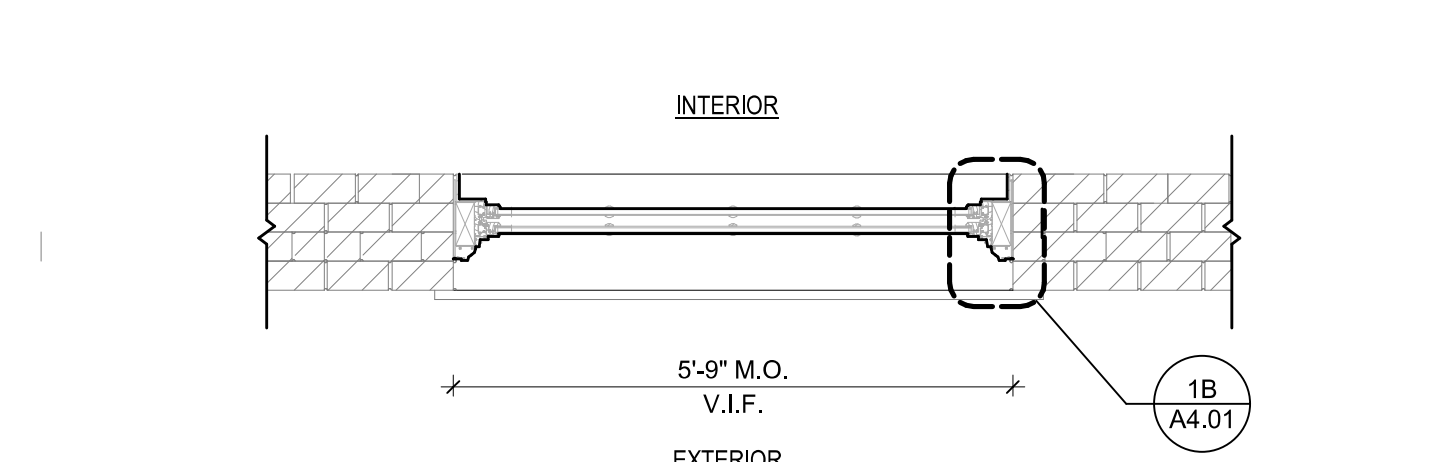
1 EXTERIOR WINDOW ELEVATION - TYPE 1 & 1A
1/2" = 1'-0"



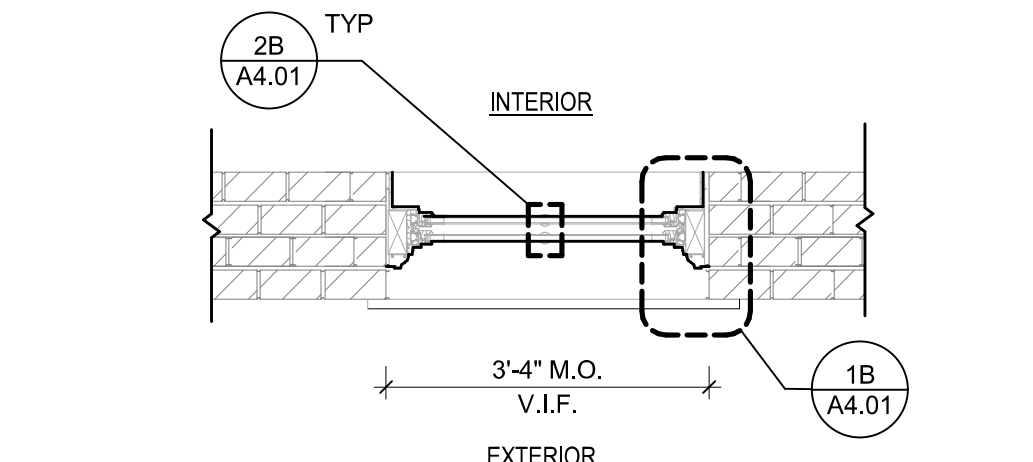
2 EXTERIOR WINDOW ELEVATION - TYPE 2
1/2" = 1'-0"



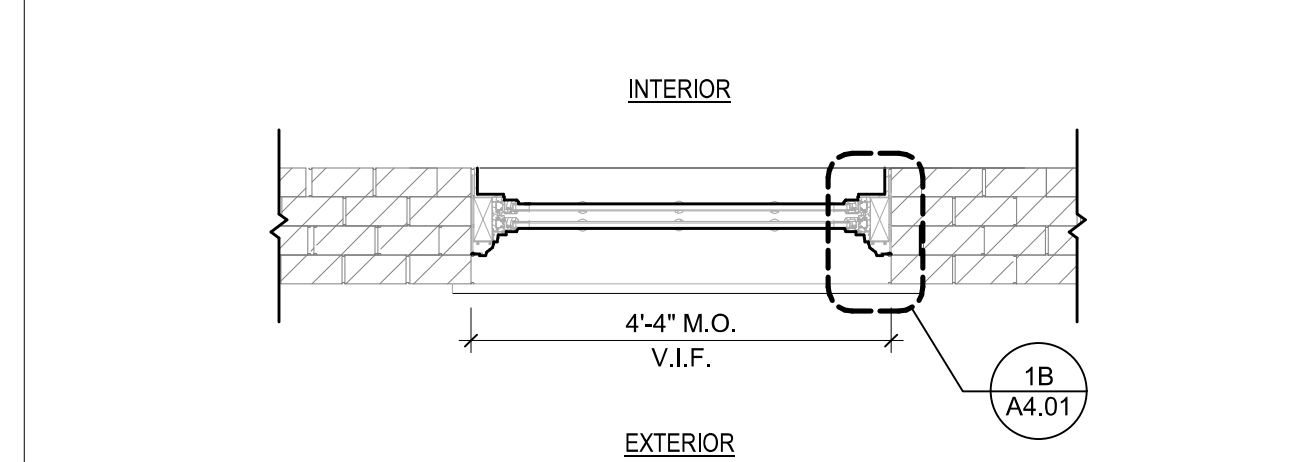
3 EXTERIOR WINDOW ELEVATION - TYPE 3 & 3A
1/2" = 1'-0"



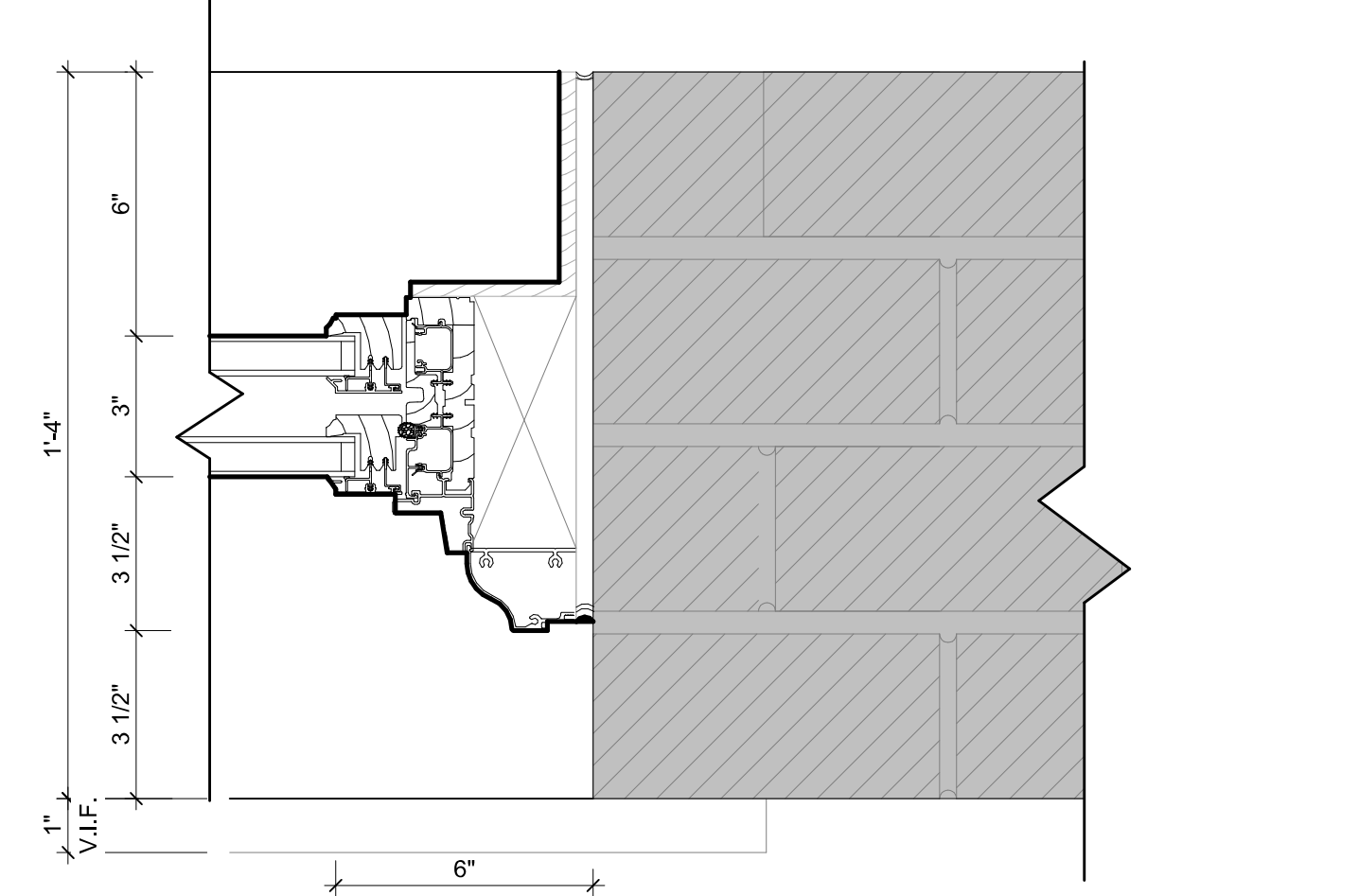
1A WINDOW PLAN - TYPE 1
1/2" = 1'-0"



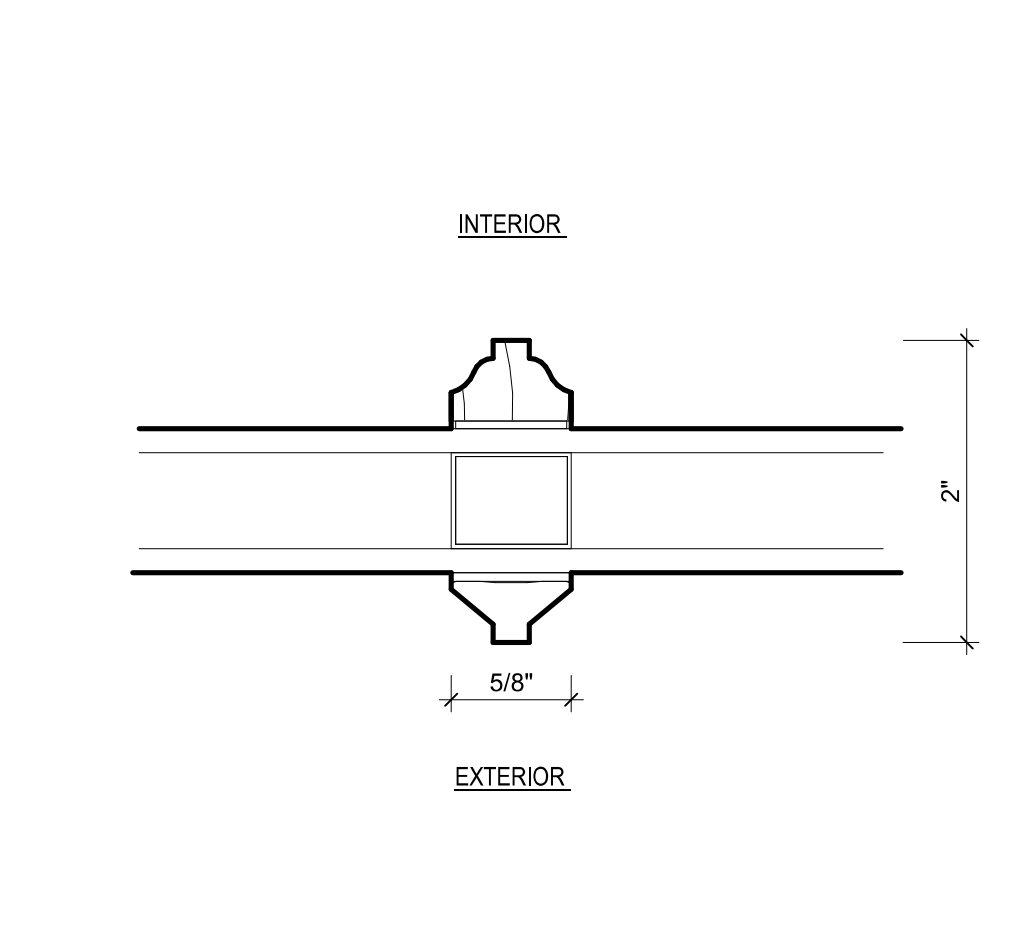
2A WINDOW PLAN - TYPE 2
1/2" = 1'-0"



3A WINDOW PLAN - TYPE 3
1/2" = 1'-0"

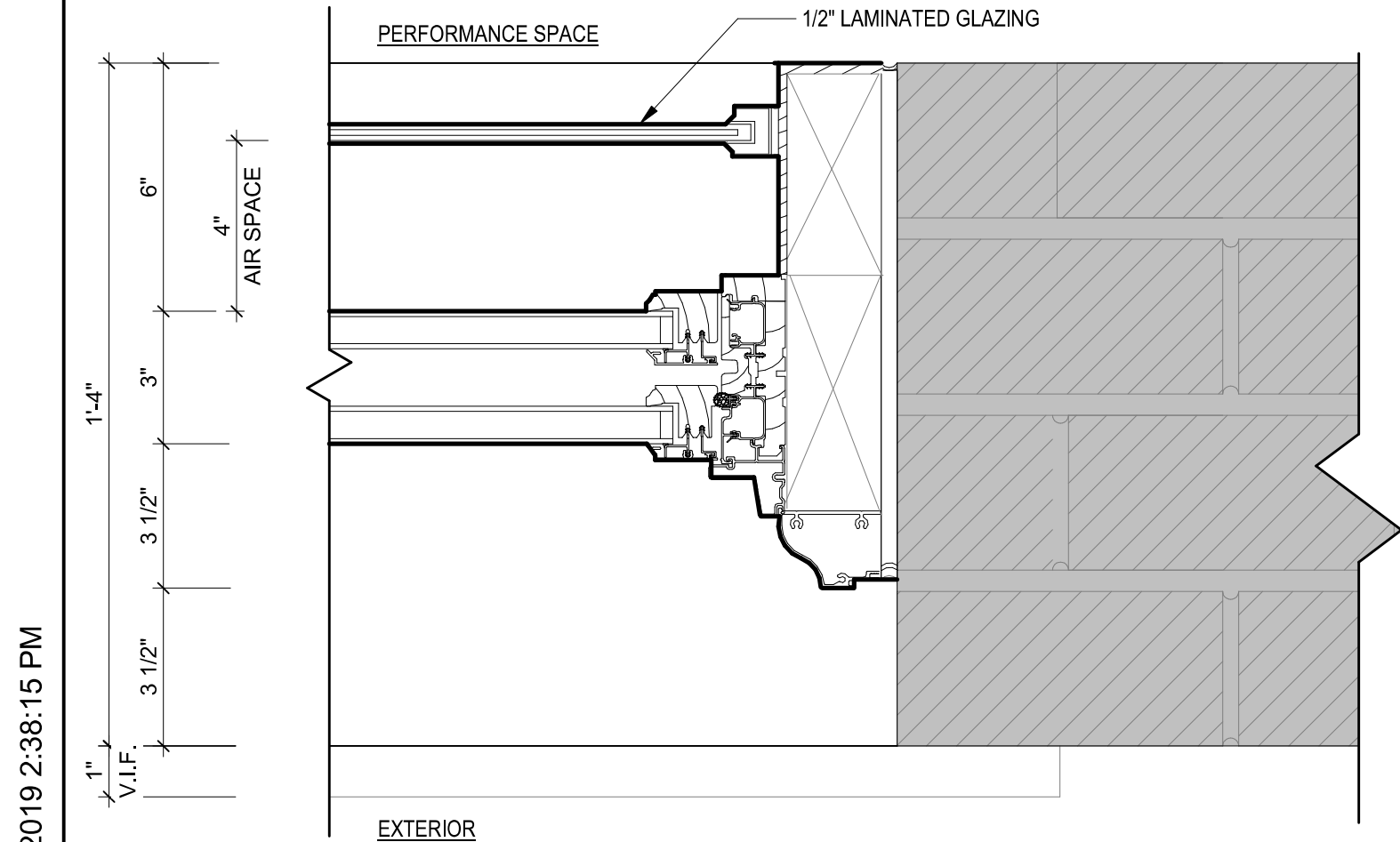


1B WINDOW JAMB PROFILE WITH CASING - TYPE 1 AND 3
3" = 1'-0"

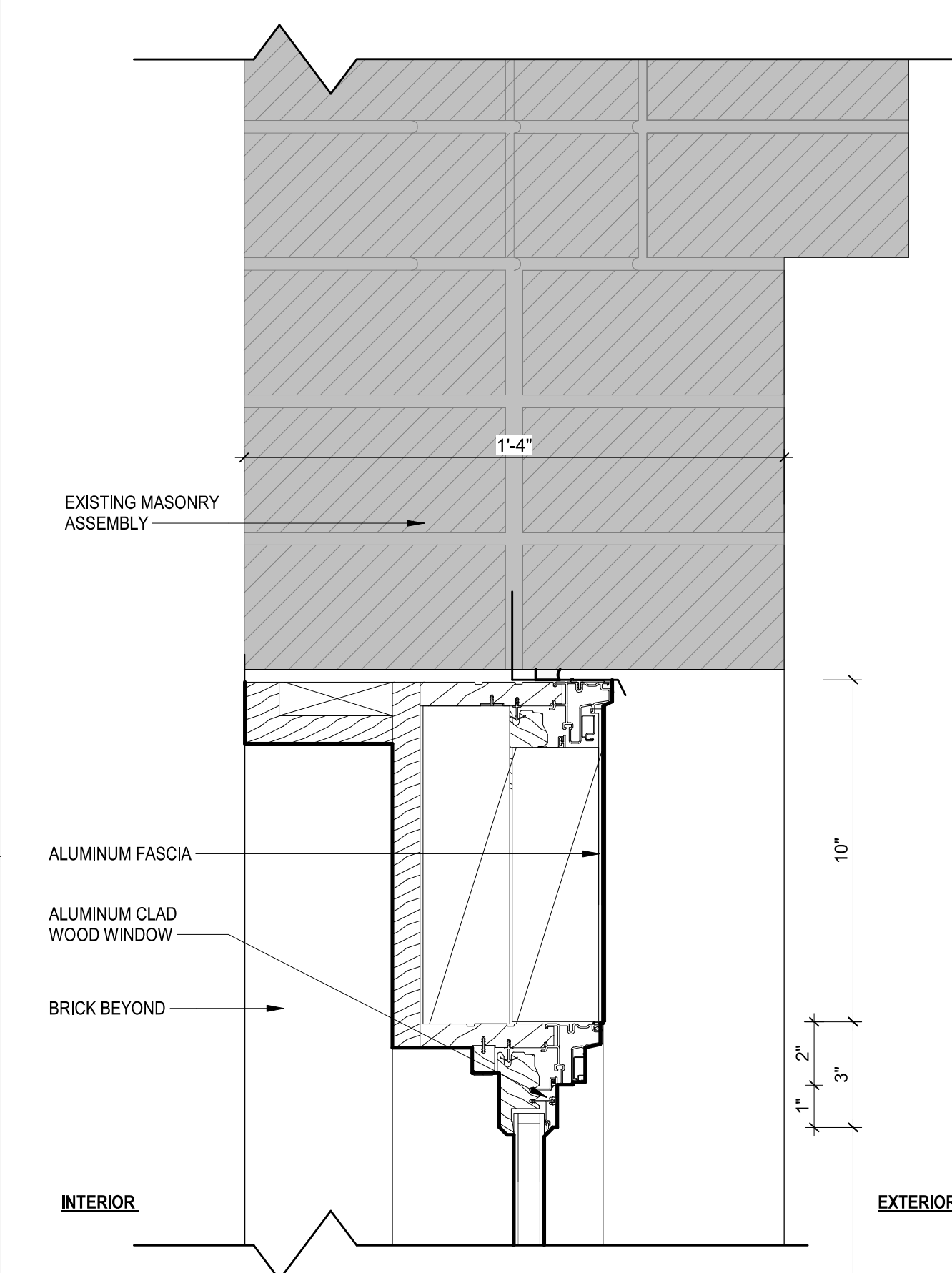


2B SIMULATED DIVIDED LITE WITH SPACER, TYP
FULL SCALE

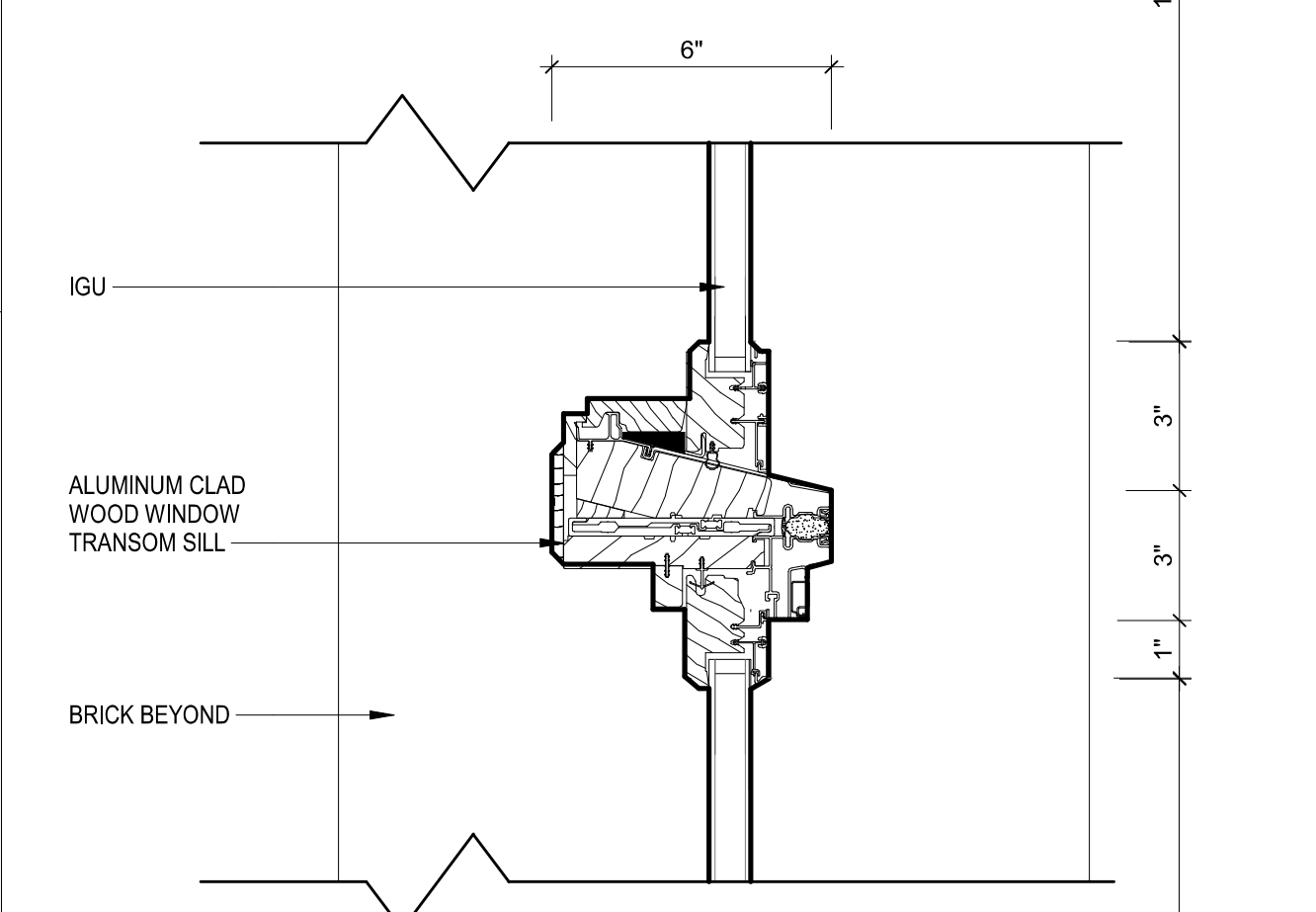
11/19/2019 2:38:15 PM



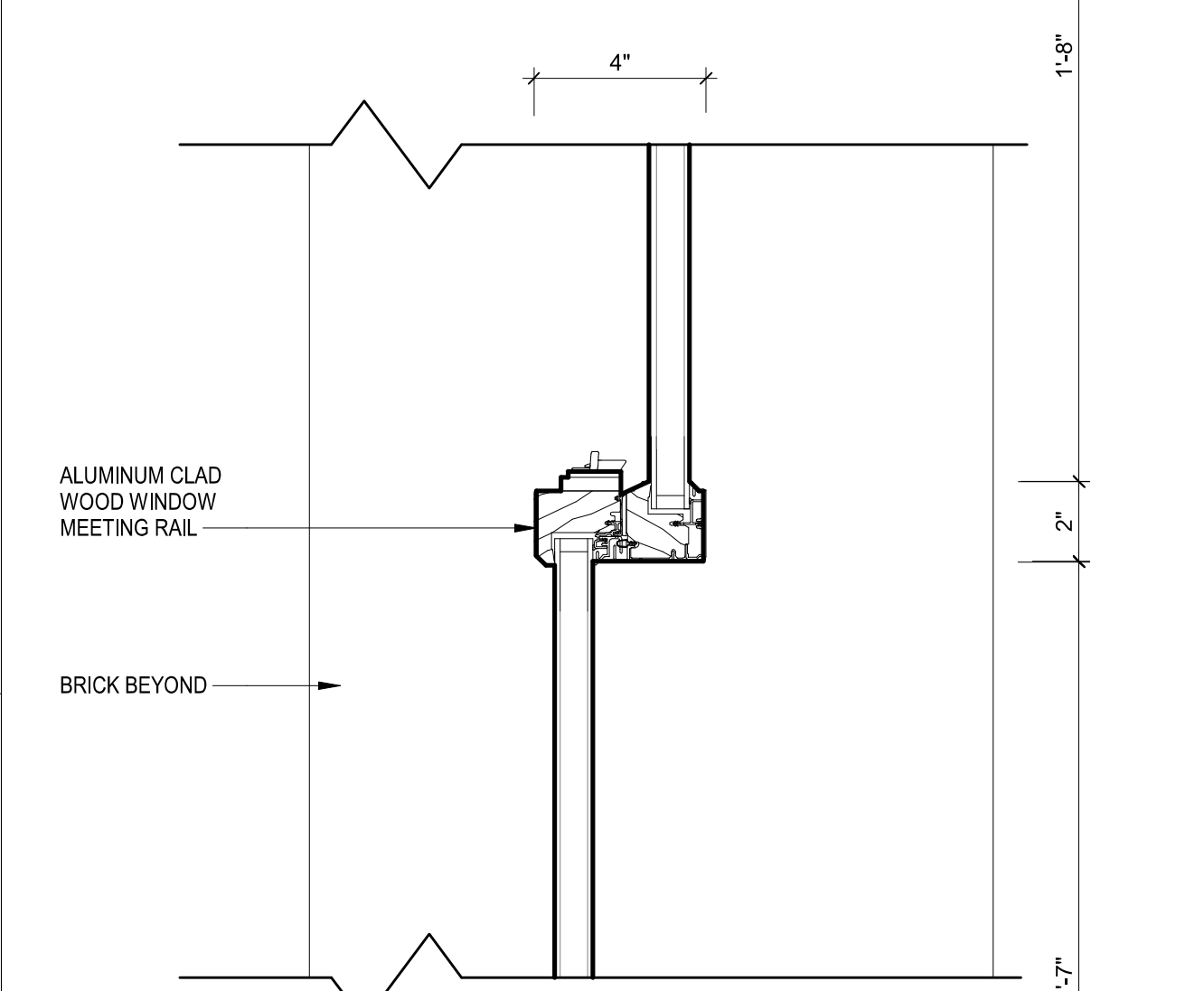
4 WINDOW JAMB PROFILE AT ACOUSTICAL WINDOW ASSEMBLY - TYPE 1A AND 3A
3" = 1'-0"



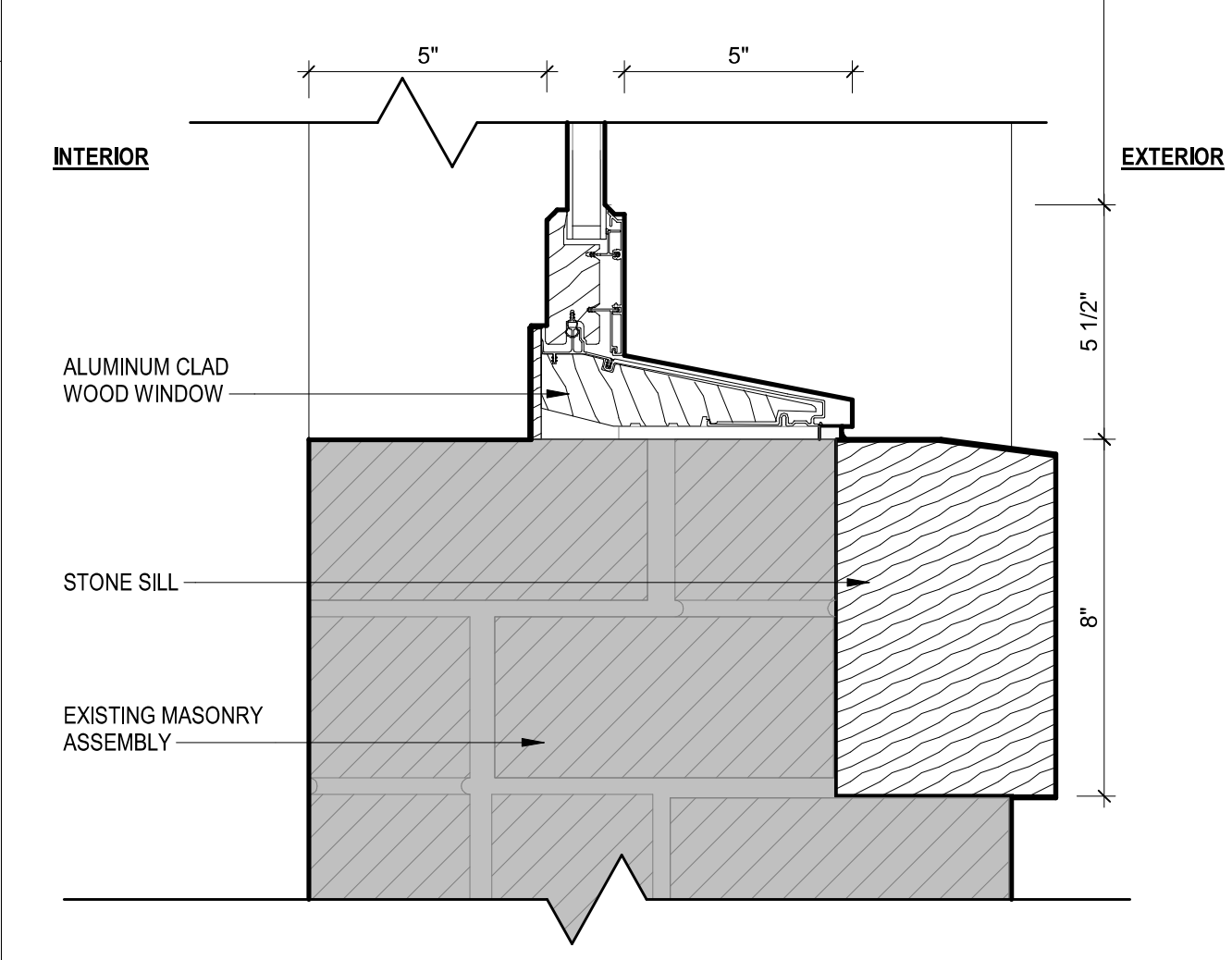
8 WINDOW HEAD DETAIL AT MASONRY
3" = 1'-0"



7 WINDOW TRANSOM DETAIL
3" = 1'-0"



6 WINDOW MEETING RAIL DETAIL
3" = 1'-0"



5 WINDOW SILL DETAIL AT MASONRY
3" = 1'-0"

NOTE: WINDOWS TO BE MARVIN ULTIMATE COLLECTION G2 WINDOWS OR APPROVED EQUAL

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WINDOW TYPES 1, 2 & 3
DETAILS

A4.01



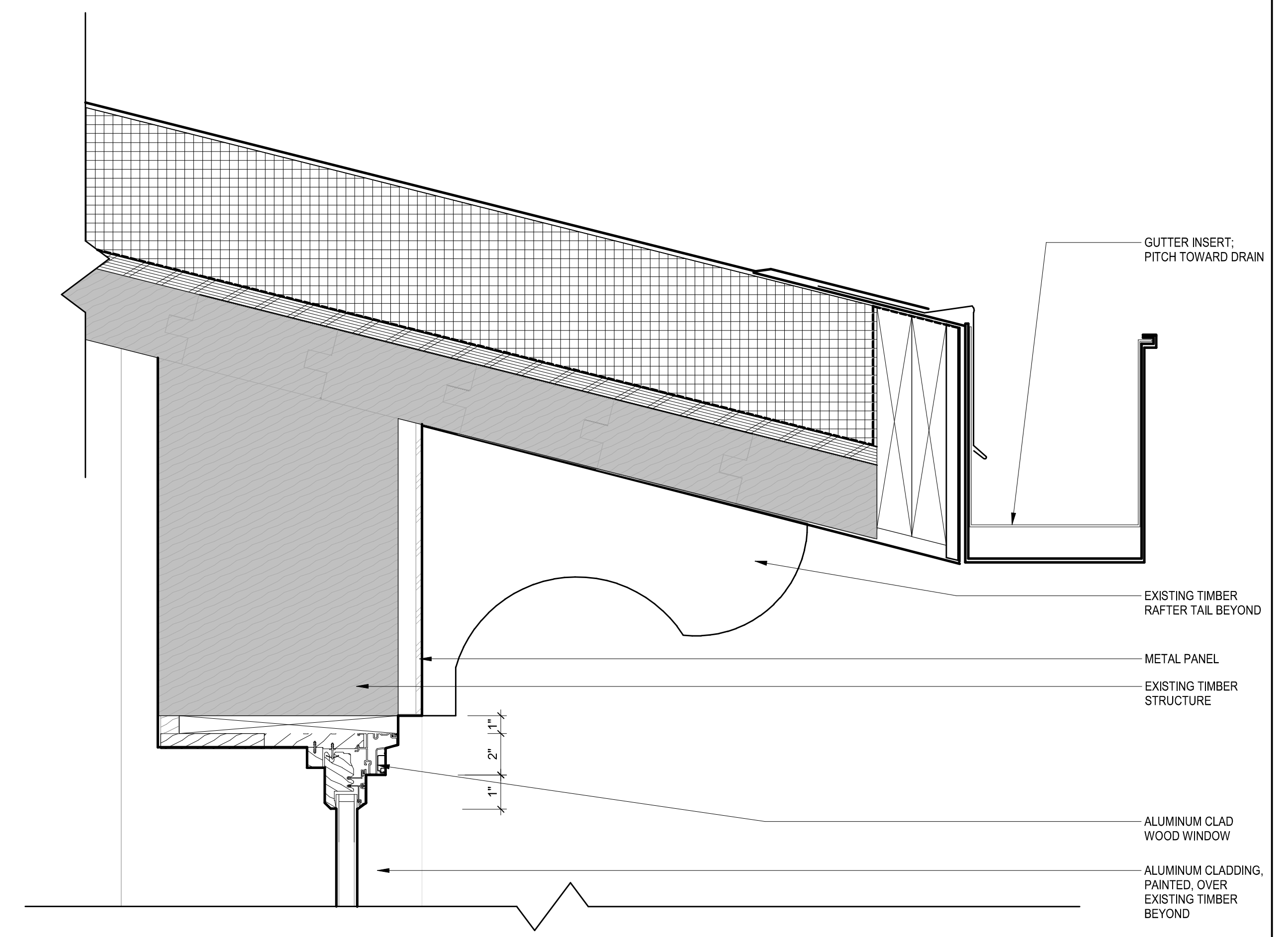
City of Cambridge
The Foundry Building
 101 Rogers Street



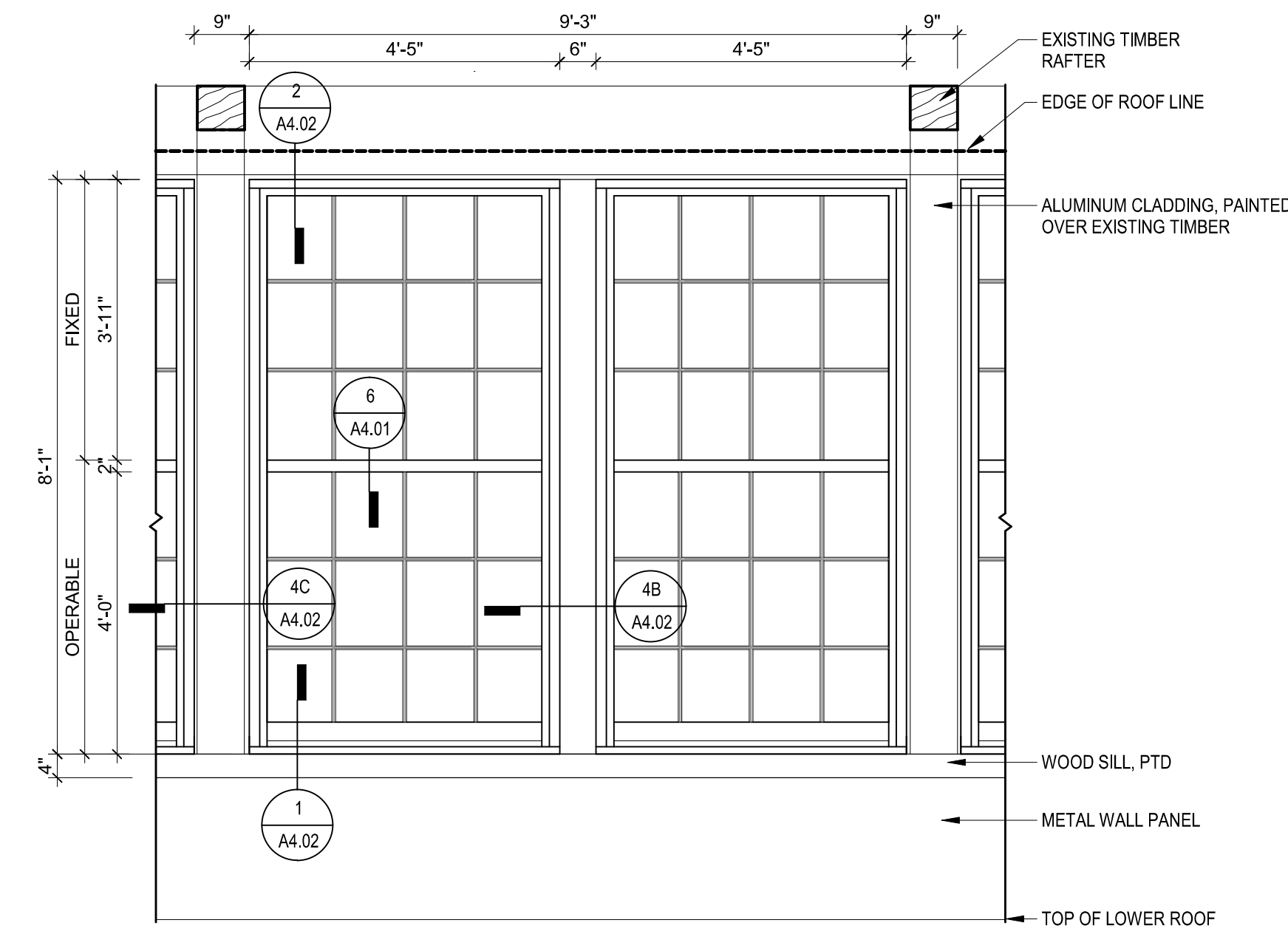
HISTORIC PHOTO - TYPE 4



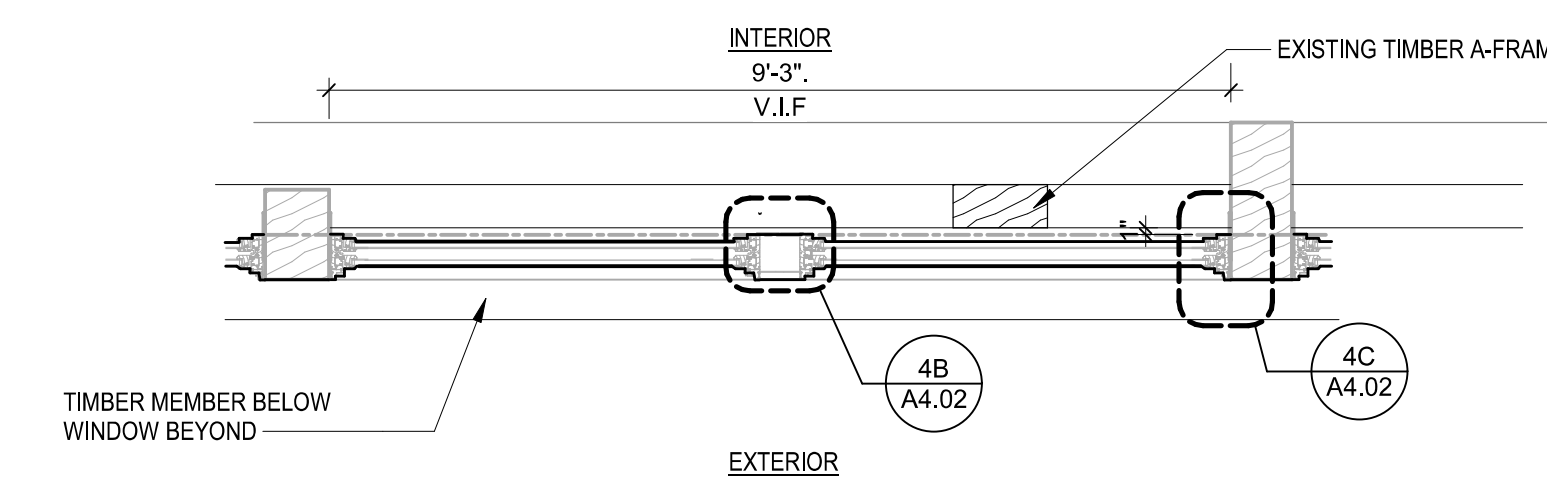
EXISTING CONDITION - TYPE 4



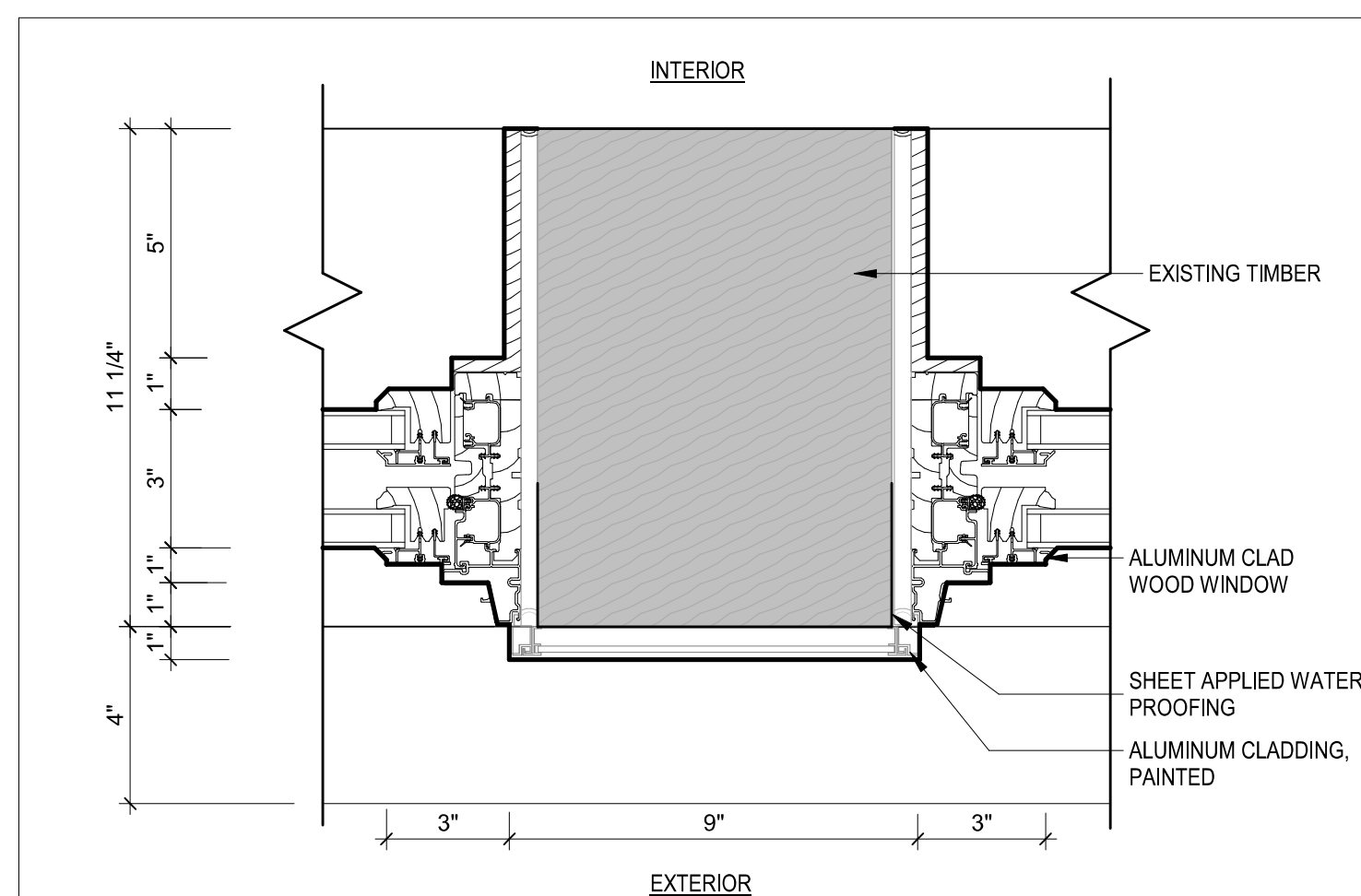
2 WINDOW TYPE 4 HEAD DETAIL
 3" = 1'-0"



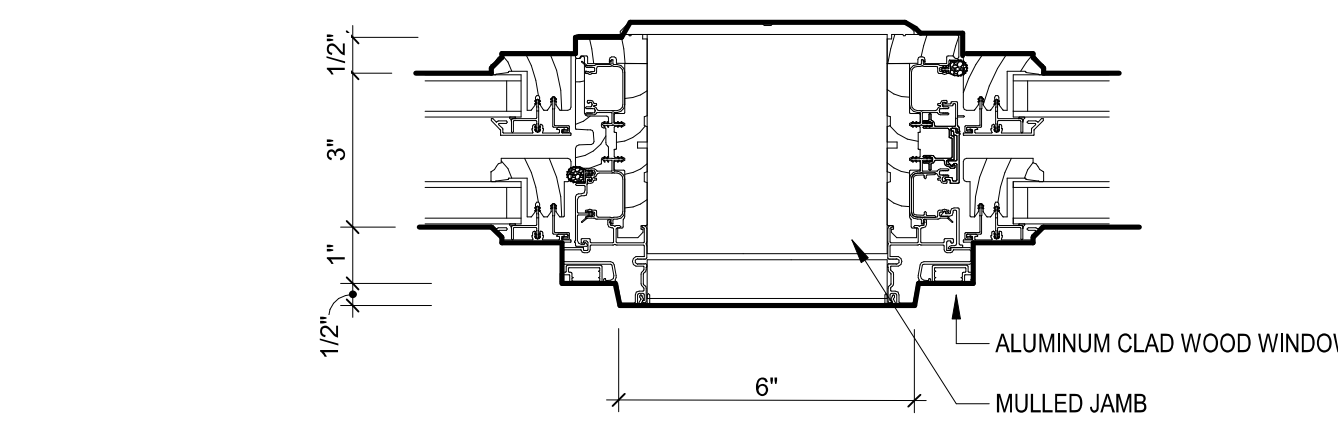
4 EXTERIOR WINDOW ELEVATION - TYPE 4
 1/2" = 1'-0"



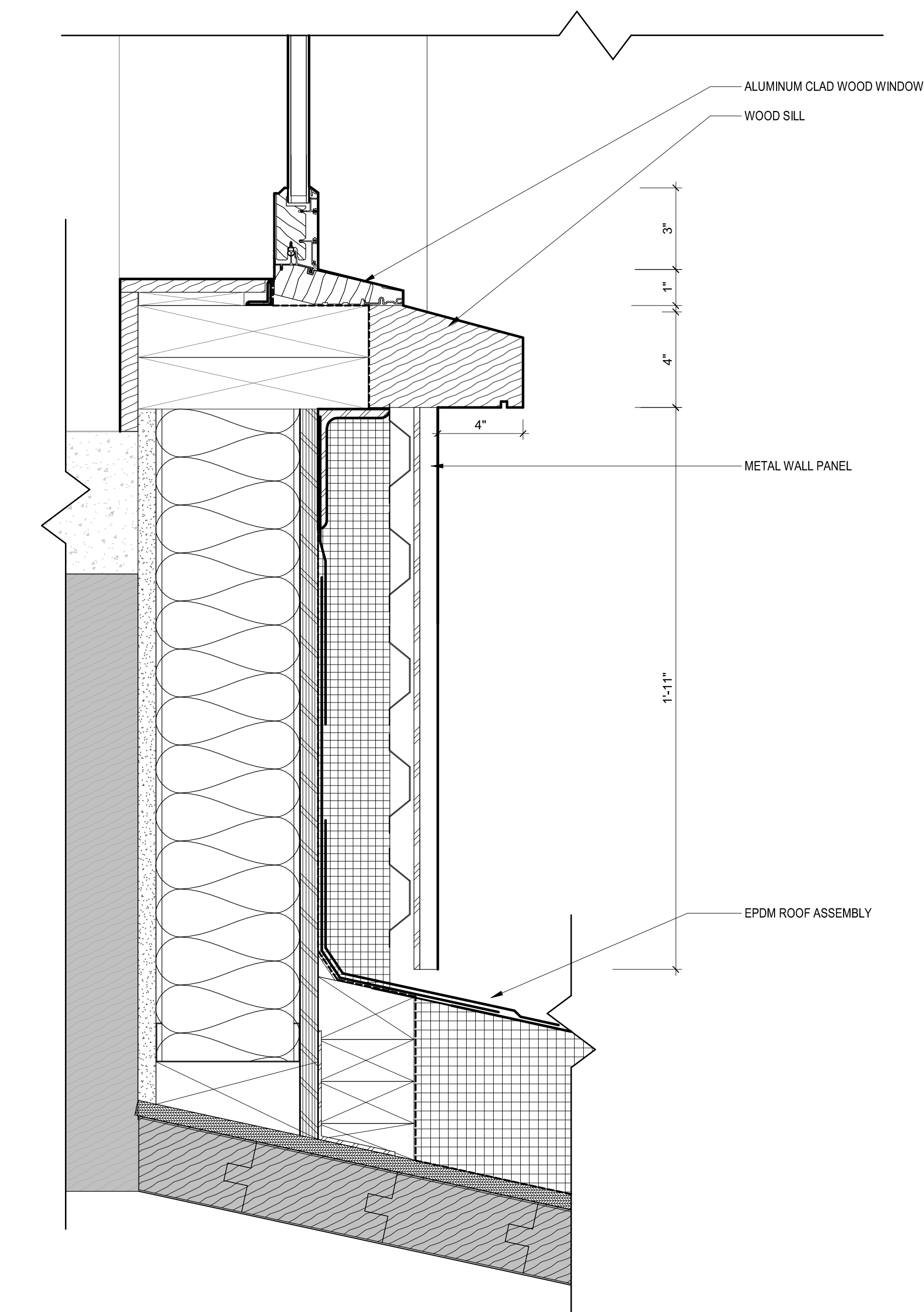
4A WINDOW PLAN - TYPE 4
 1/2" = 1'-0"



4C WINDOW JAMB PROFILE
 3" = 1'-0"



4B WINDOW MULLED JAMB PROFILE
 3" = 1'-0"



1 WINDOW TYPE 4 SILL DETAIL
 3" = 1'-0"

NOTE: WINDOWS TO BE MARVIN ULTIMATE COLLECTION G2 WINDOWS OR APPROVED EQUAL

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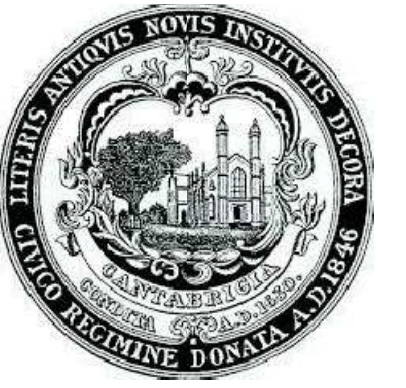
CAMBRIDGE HISTORICAL COMMISSION
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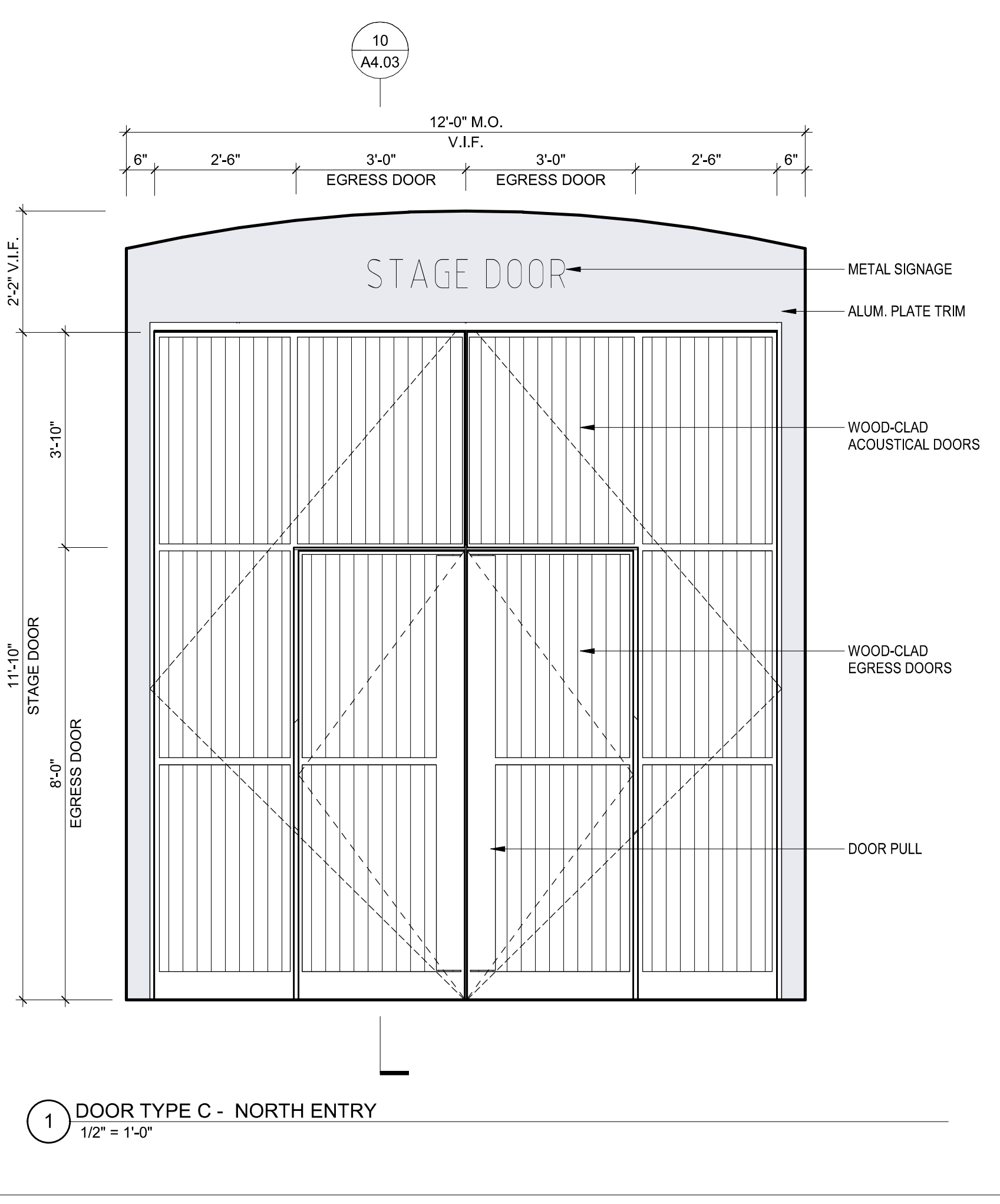
Job #	1805
Project	The Foundry Building
Drawn By	DM
Checked	JC
Date	19 NOVEMBER 2019
Scale	As indicated

WINDOW TYPE 4 DETAILS

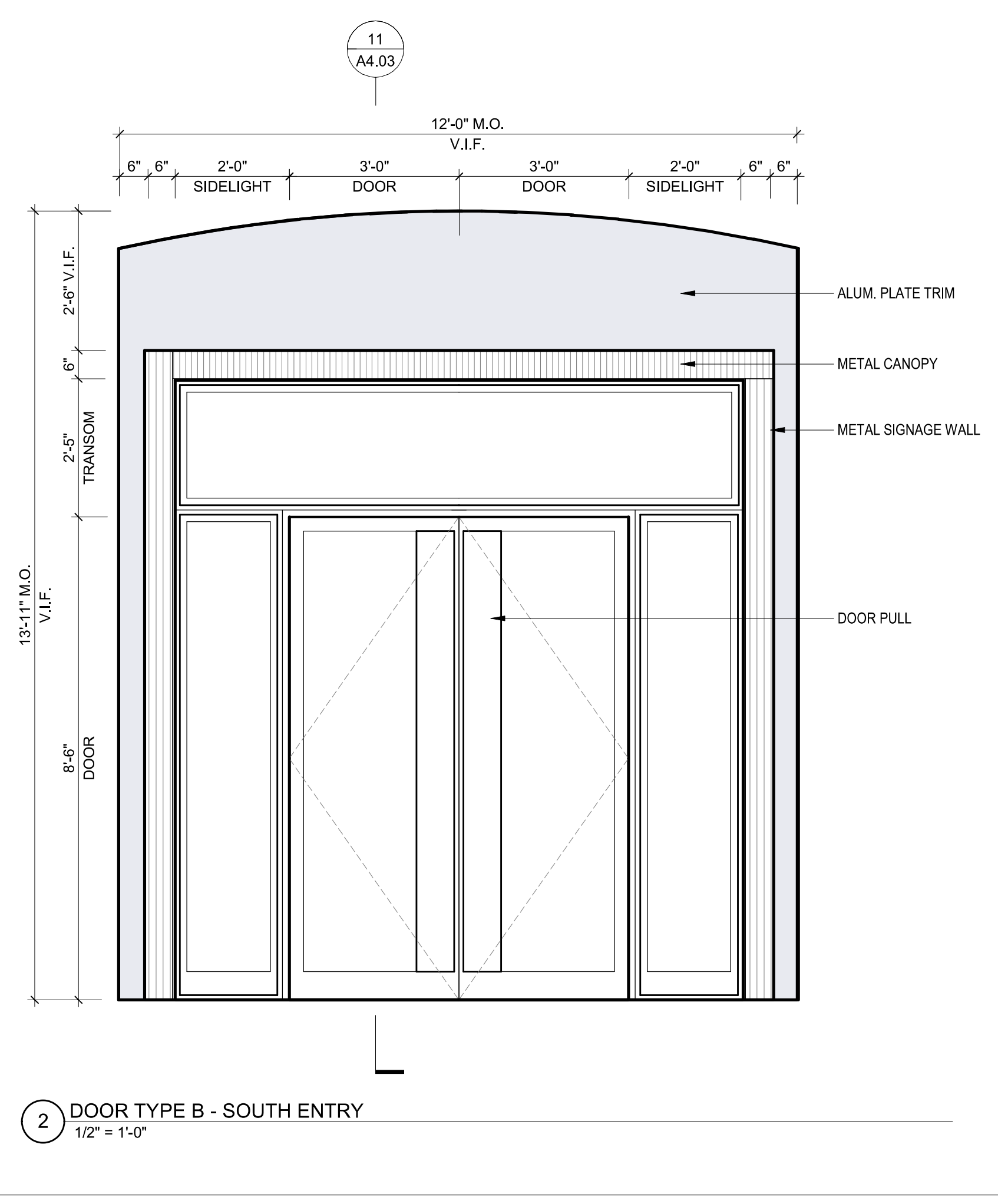
A4.02



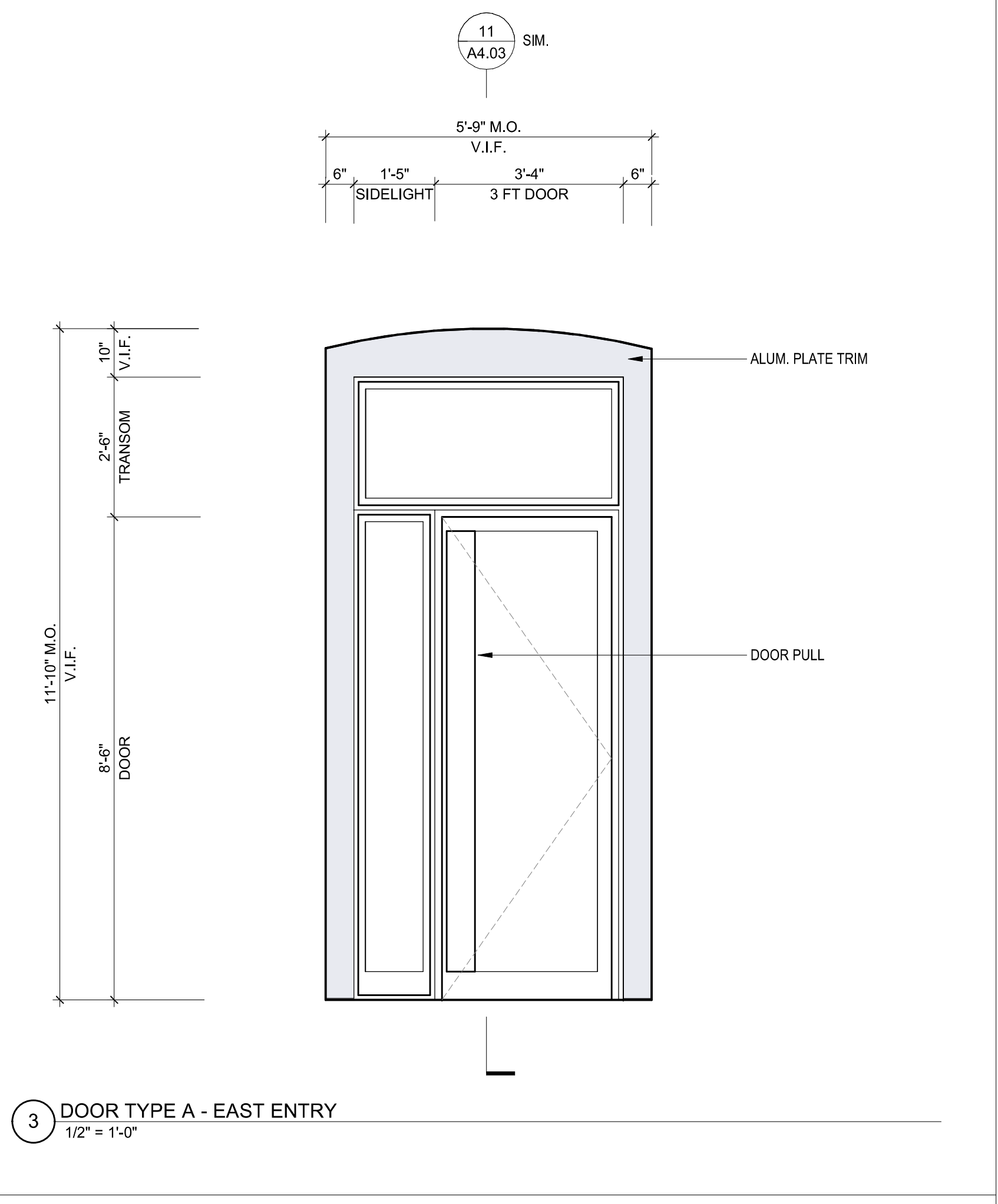
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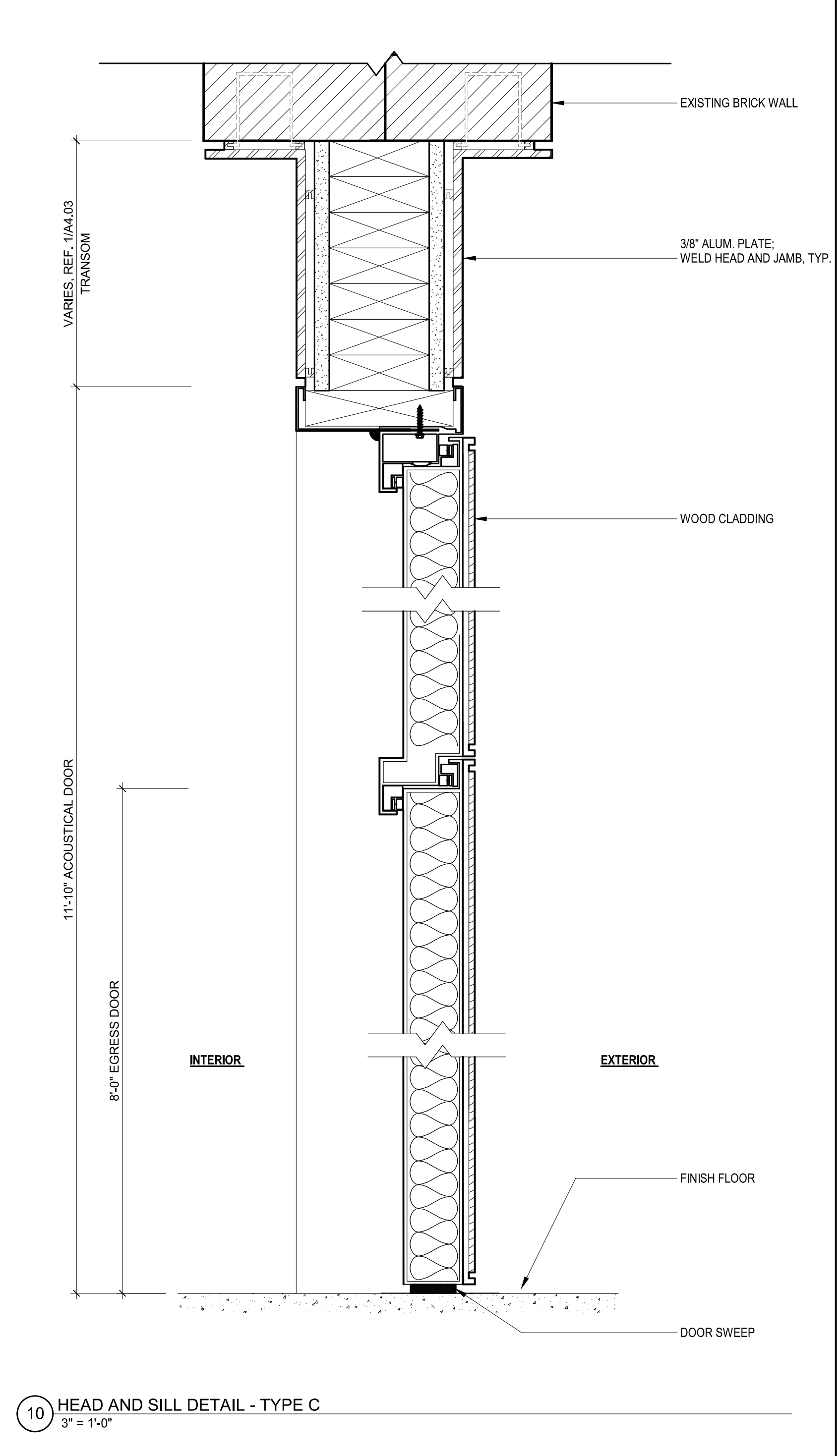
1 DOOR TYPE C - NORTH ENTRY
 1/2" = 1'-0"



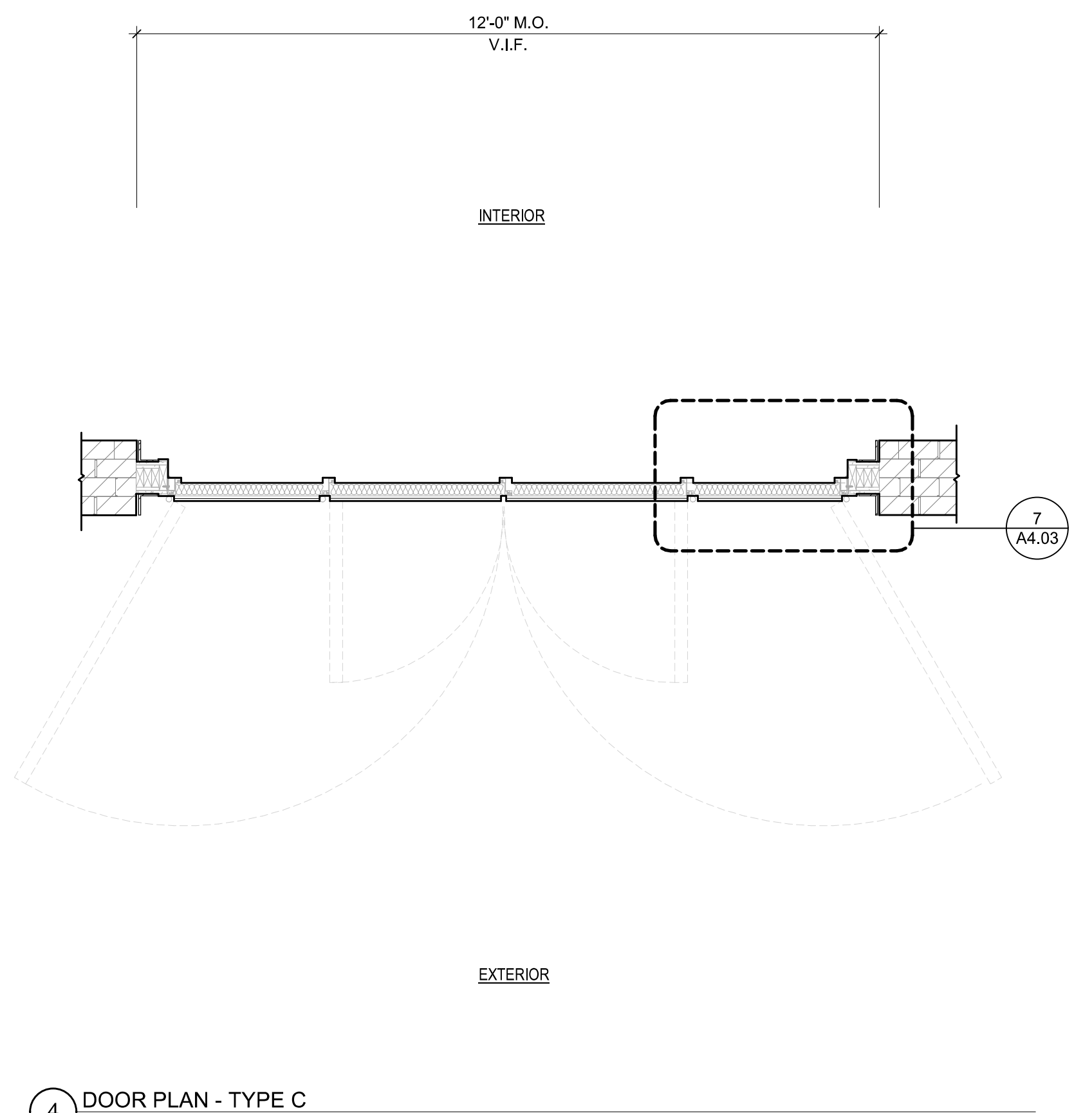
2 DOOR TYPE B - SOUTH ENTRY
 1/2" = 1'-0"



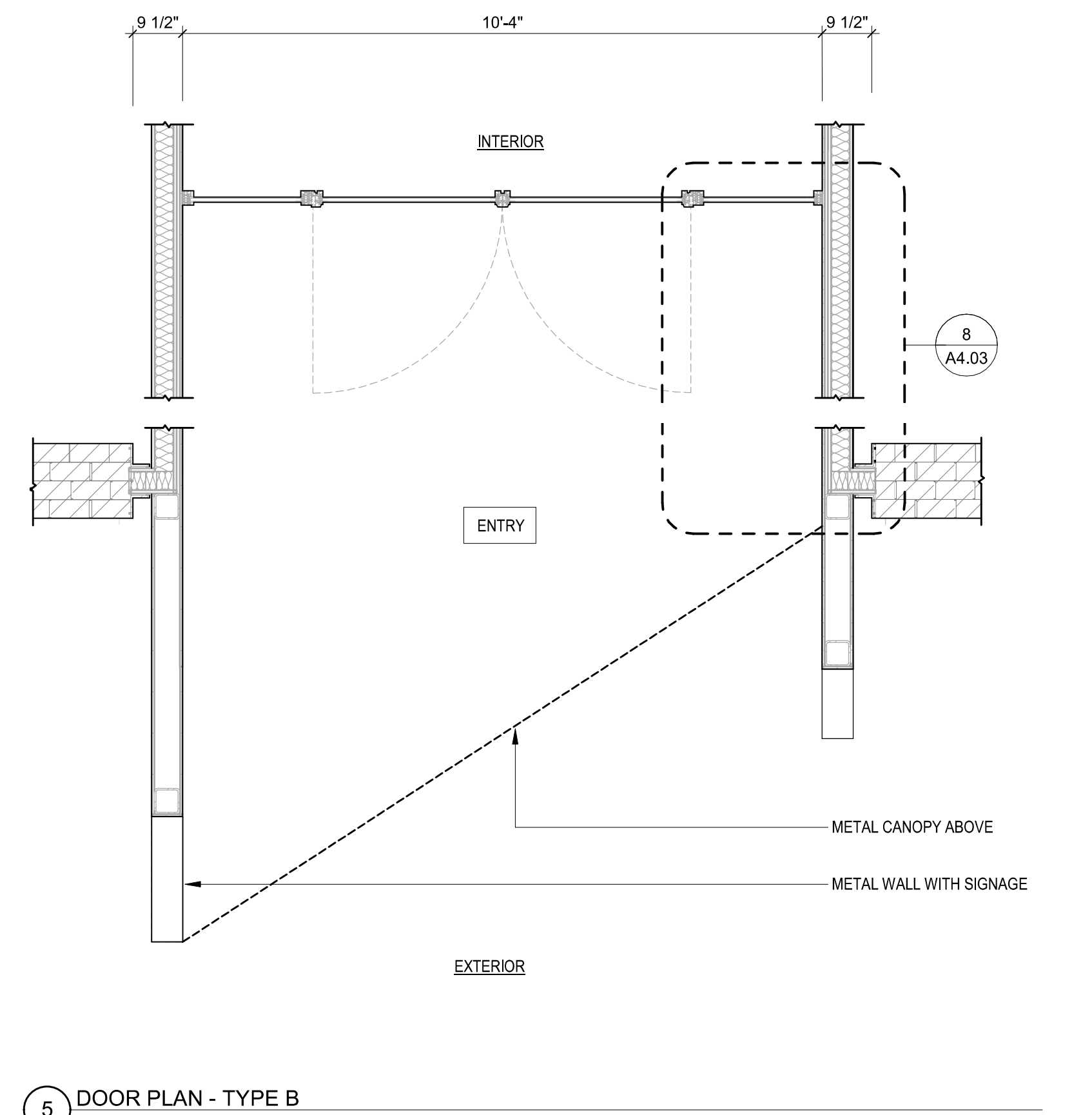
3 DOOR TYPE A - EAST ENTRY
 1/2" = 1'-0"



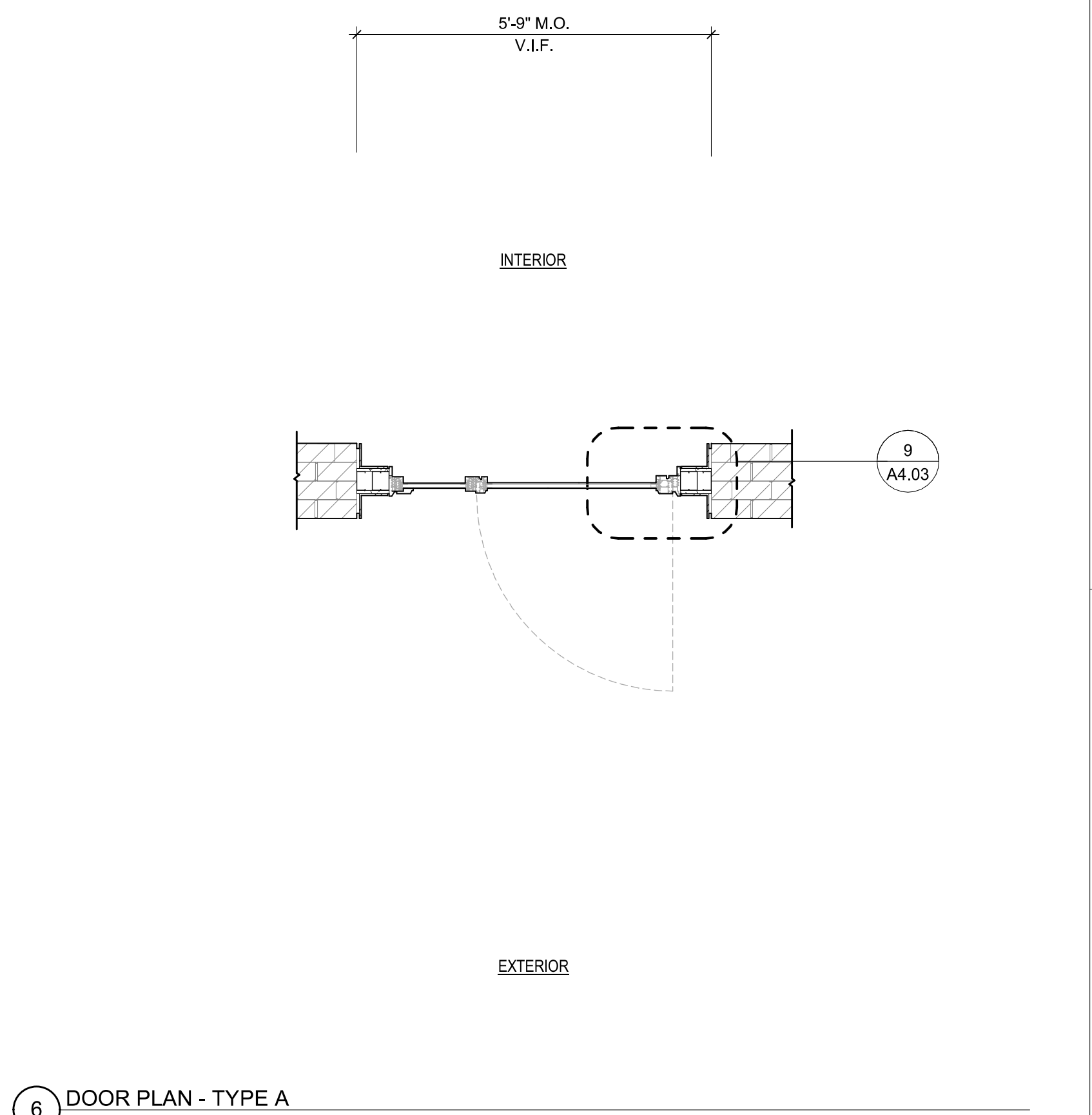
10 HEAD AND SILL DETAIL - TYPE C
 3" = 1'-0"



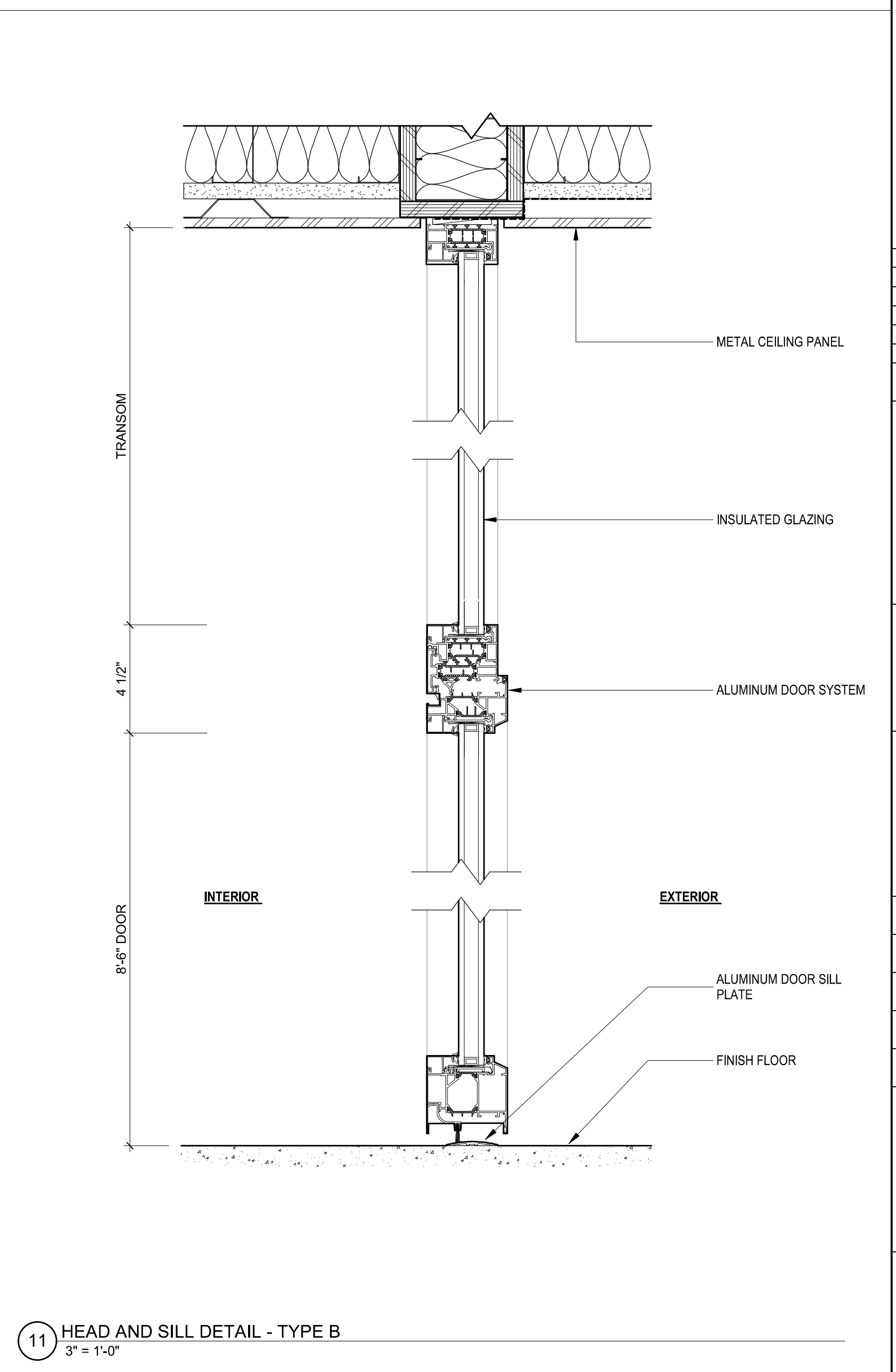
4 DOOR PLAN - TYPE C
 1/2" = 1'-0"



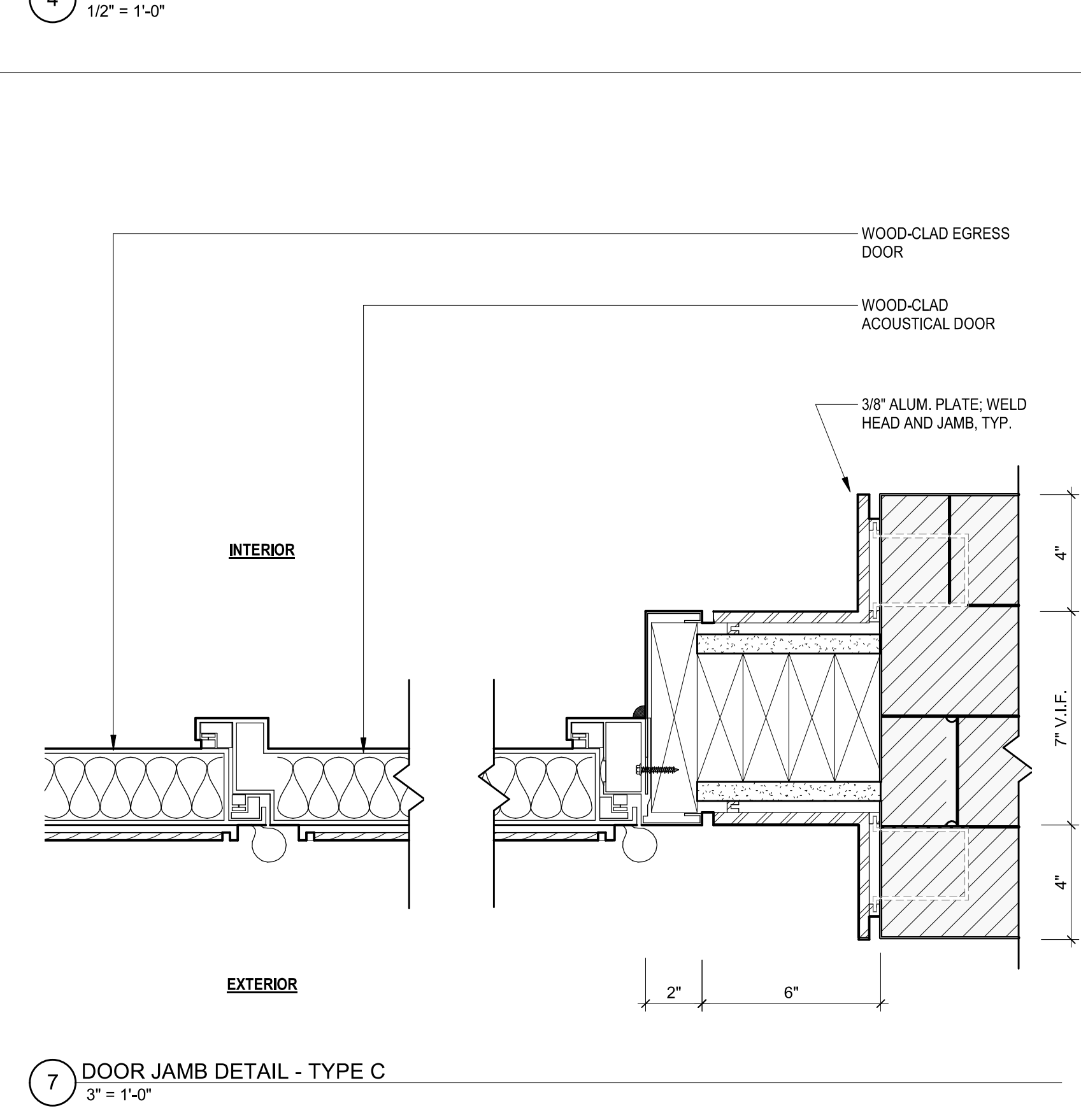
5 DOOR PLAN - TYPE B
 1/2" = 1'-0"



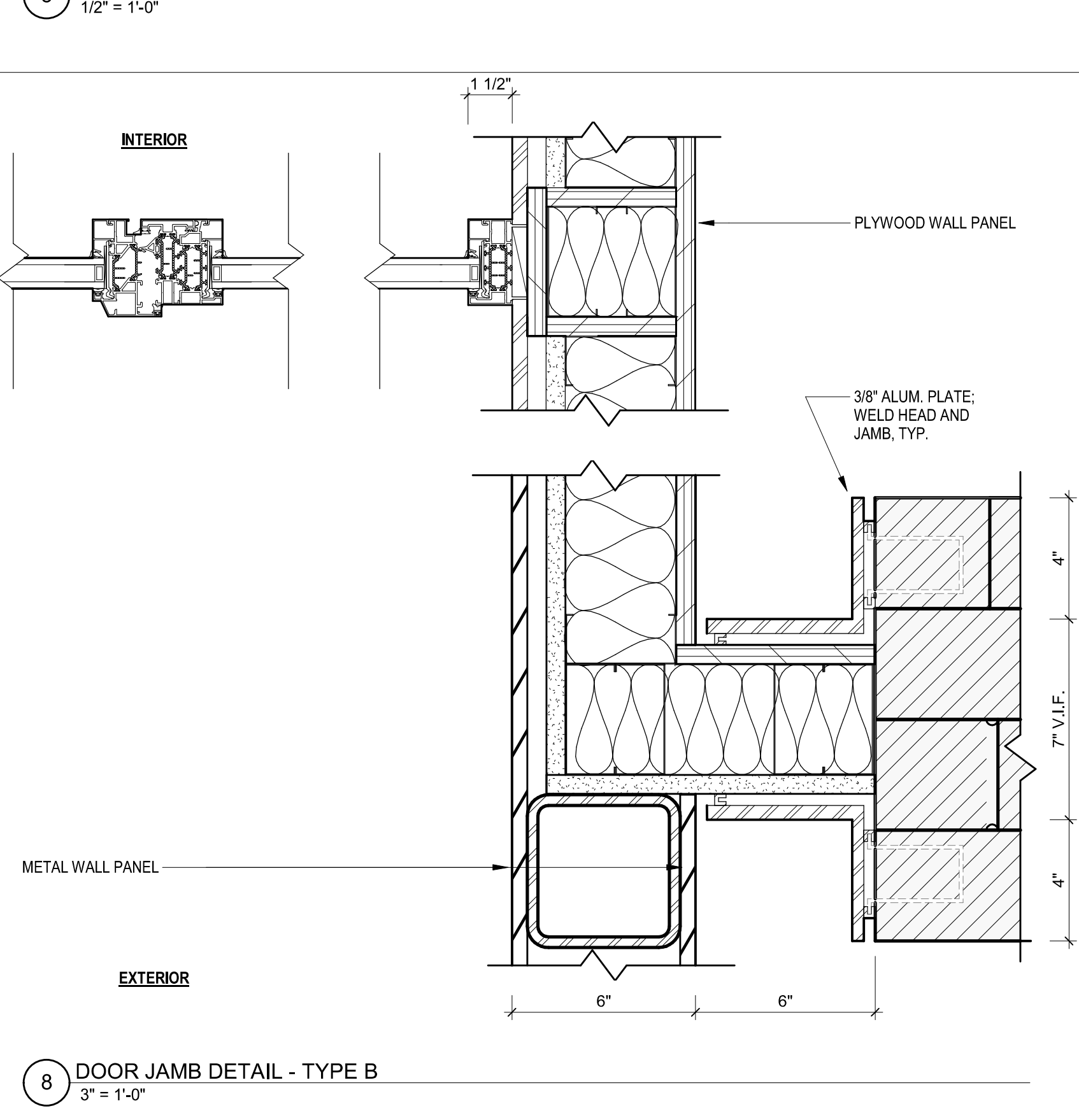
6 DOOR PLAN - TYPE A
 1/2" = 1'-0"



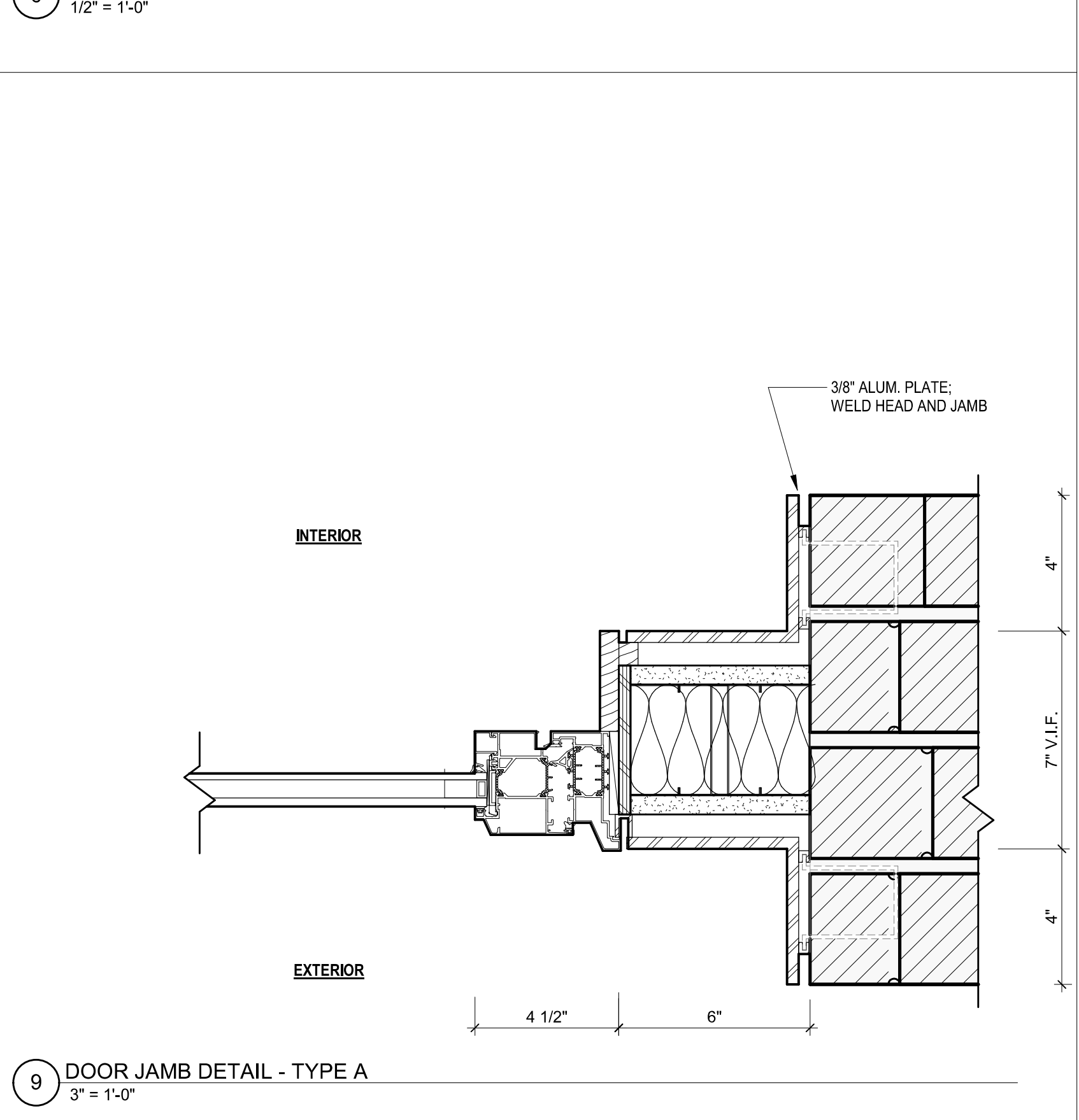
11 HEAD AND SILL DETAIL - TYPE B
 3" = 1'-0"



7 DOOR JAMB DETAIL - TYPE C
 3" = 1'-0"



8 DOOR JAMB DETAIL - TYPE B
 3" = 1'-0"



9 DOOR JAMB DETAIL - TYPE A
 3" = 1'-0"

Number	Revision	Date

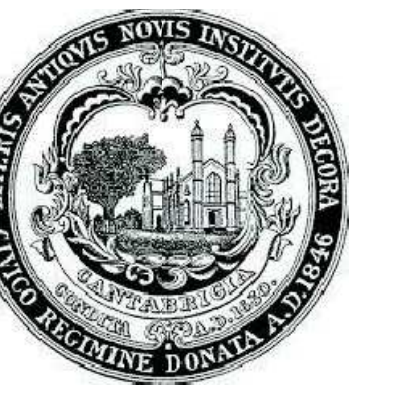
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Drawn By	WS
Checked	JC
Date	19 NOVEMBER 2019
Scale	As indicated

DOOR TYPES AND DETAILS

A4.03



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The Foundry Building
 101 Rogers Street



1 3D VIEW - EXTERIOR FROM ROGERS STREET FROM THIRD
 1/8" = 1'-0"



3 3D VIEW - EXTERIOR FROM BENT STREET
 1/8" = 1'-0"



2 3D VIEW - EXTERIOR FROM ROGERS STREET

Number	Revision	Date

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Project	The Foundry Building
Drawn By	WS Checked JC
Date	NOV 19, 2019
Scale	1/8" = 1'-0"

Drawing Title
EXTERIOR PERSPECTIVE VIEWS

A10.01