

# 50 Hamilton Road, Belmont, Massachusetts.



Site Location

## List of Symbols

-  Smoke Detector
-  Smoke/CO Detector
-  Heat Detector
-  Bathroom Exhaust Fan

### Area Schedule (Gross Building)

Level	Area
Lower Level	723 SF
First Floor	1348 SF
Second Floor	1348 SF
<b>Total</b>	<b>3418 SF</b>

## Drawing List

Architectural		Structural	
Sheet Number	Sheet Name	Sheet Number	Sheet Name
A000	Cover Page	S100	First Floor Framing
A100	Proposed Lower Level	S101	Second Floor Framing
A102	Proposed First Floor	S102	Attic Framing
A104	Proposed Second Floor	S103	Roof Framing
A200	Proposed West Elevation	S200	Foundation Plan
A202	Proposed North Elevation		
A204	Proposed East Elevation		
A206	Proposed South Elevation		
A210	Building Section		
A300	Window & Door Schedule		
A400	Window & Door Details		
A500	Partition Types		
A600	Typical Stair Details		
A700	Typical Roof Details I		
A710	Typical Roof Details II		

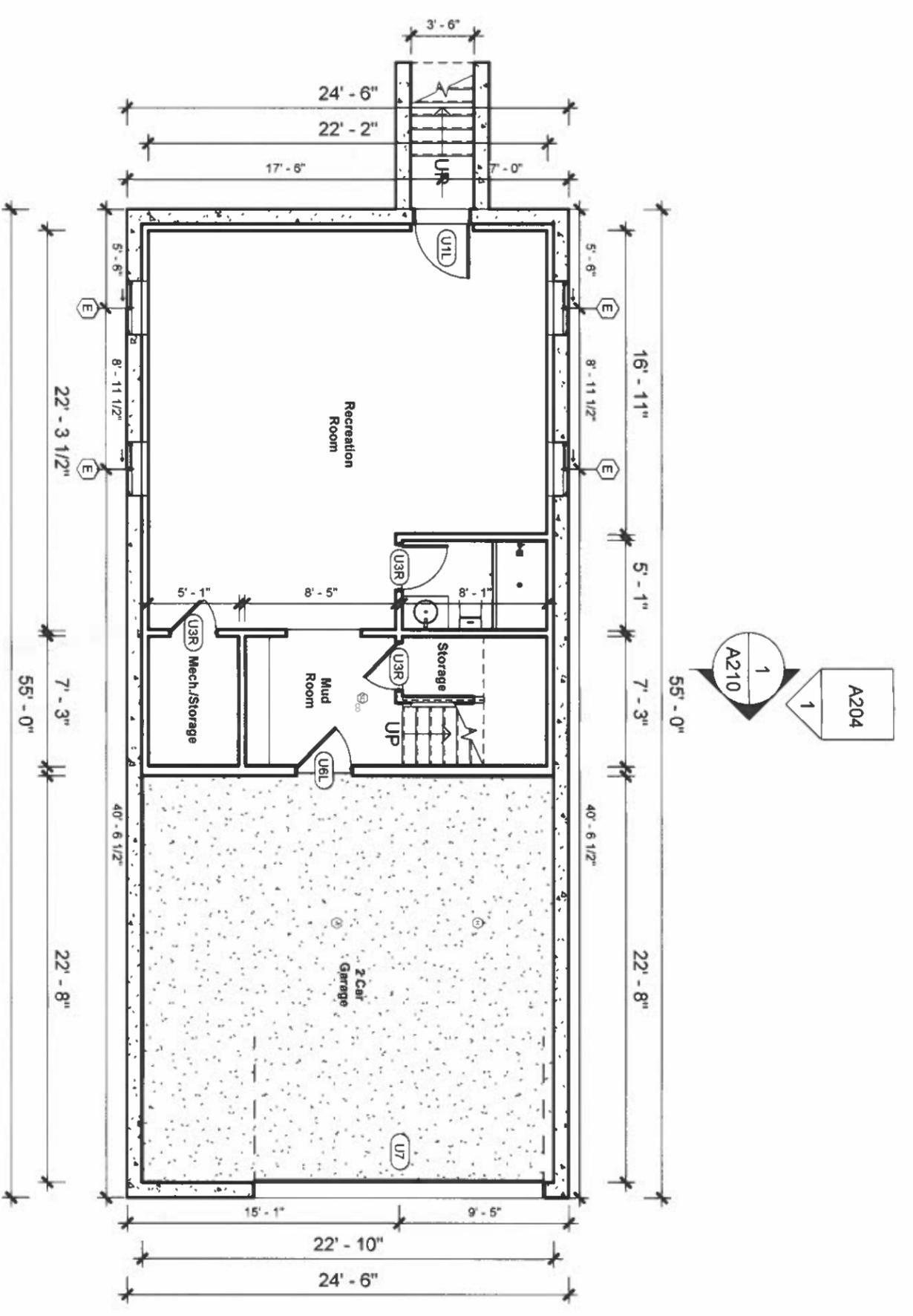


50 Hamilton Rd, Belmont, MA.

No.	Description	Date

## Cover Page

Project number	Project number	<i>Volkin</i> Oct 2024 <b>A000</b>
Date	Author	
Drawn by	Checker	Scale



50 Hamilton Rd, Belmont, MA.

Project information box (empty)

No.	Description	Date

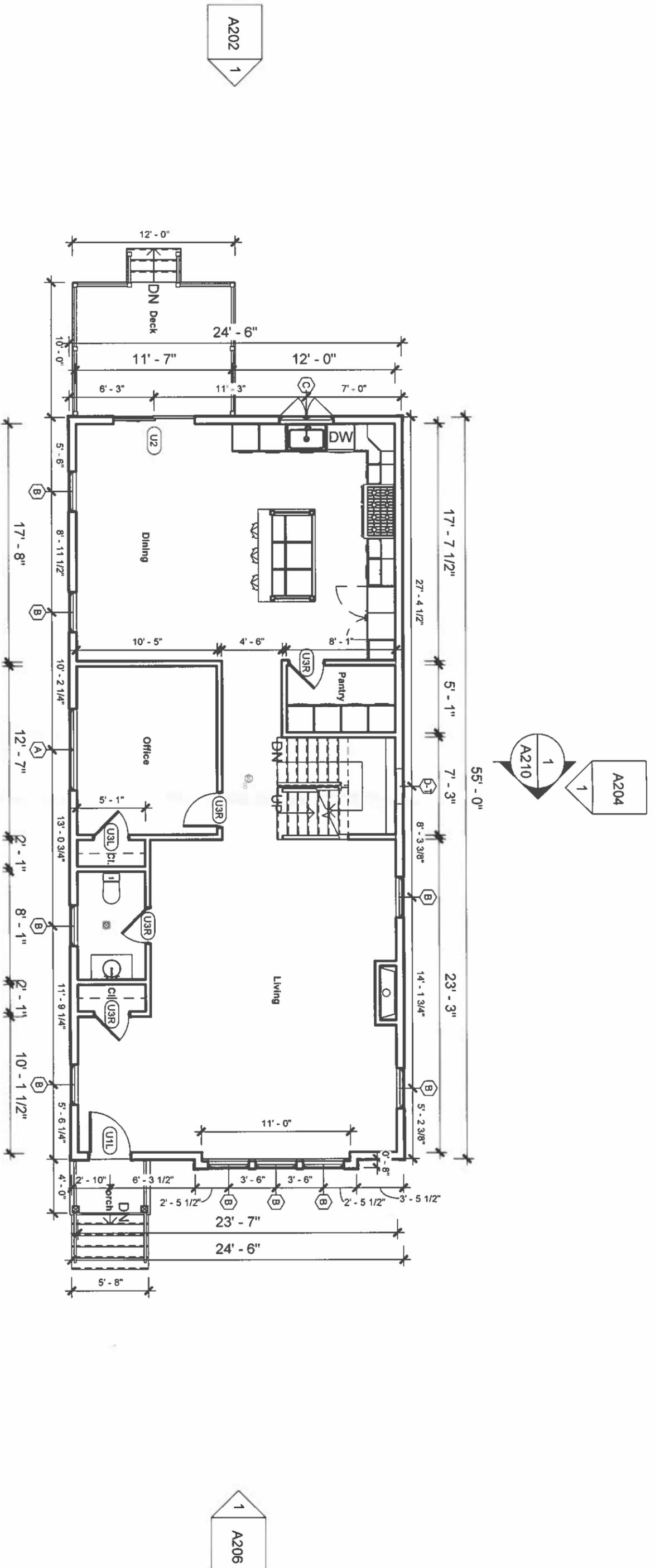
**Proposed Lower Level**

Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker

A100

Scale 1/8" = 1'-0"

# 50 Hamilton Rd, Belmont, MA.

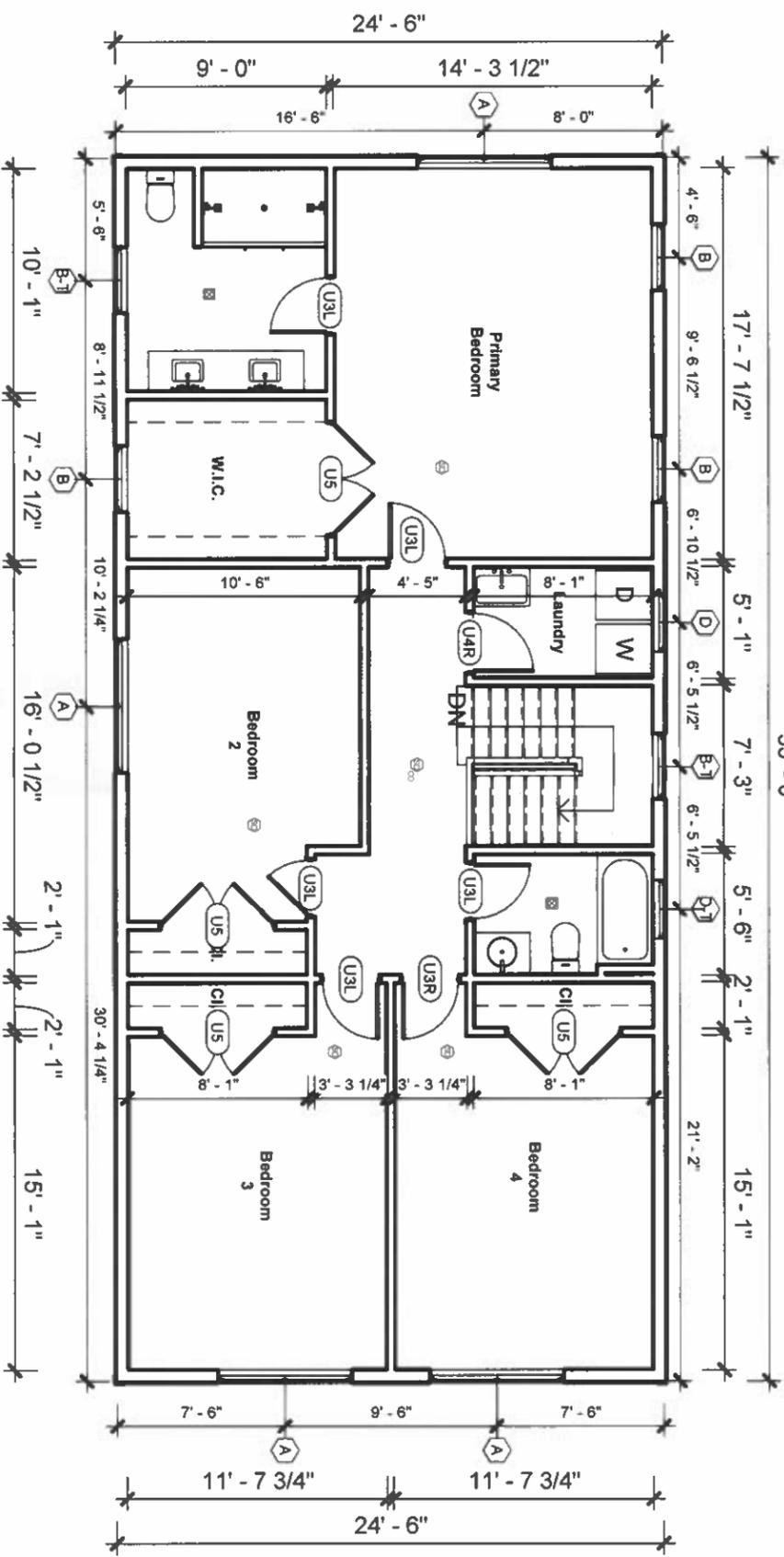


## Proposed First Floor

Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
Scale 1/8" = 1'-0"	

# A102

No.	Description	Date



A202  
1

A204  
1  
A210  
1

1  
A206

A200  
1

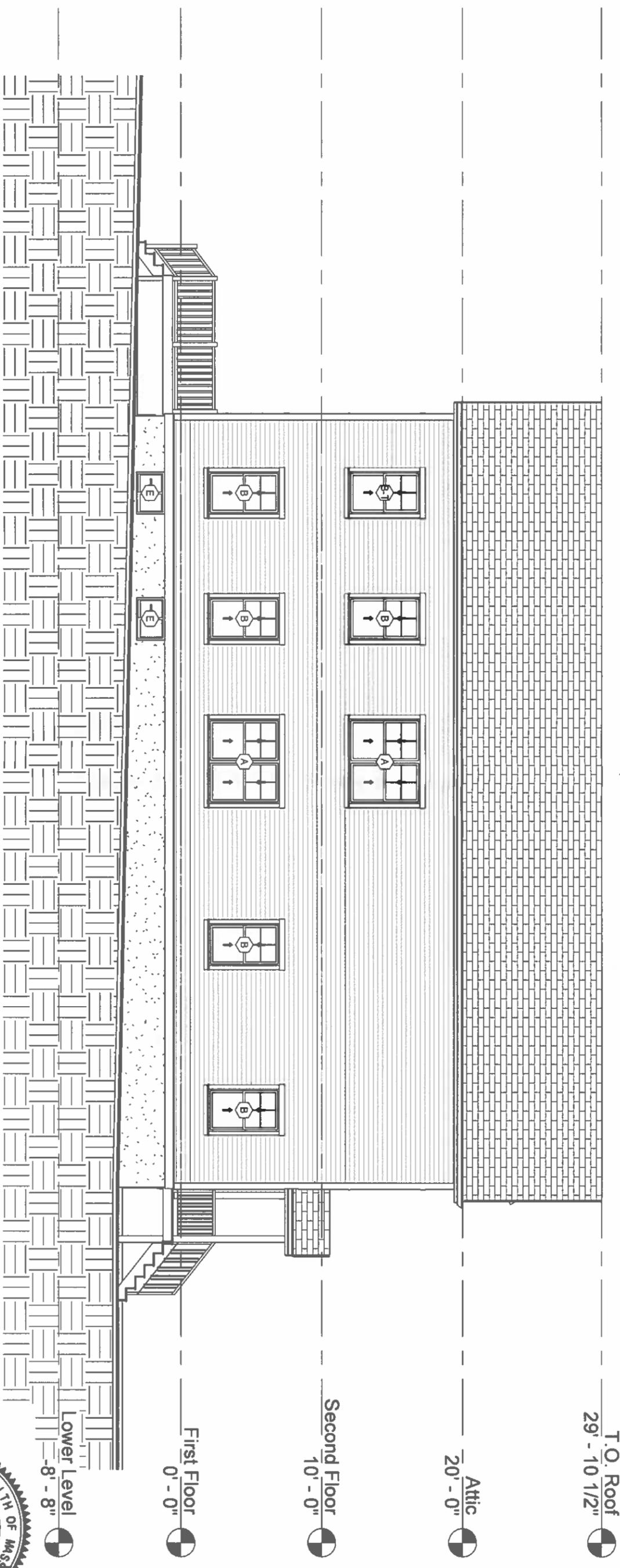


50 Hamilton Rd, Belmont, MA.

Project information area (empty).

No.	Description	Date

<b>Proposed Second Floor</b>		Project number	Project number
		Date	06/28/24
Drawn by	Author	<b>A104</b>	
Checked by	Checker		
		Scale 1/8" = 1'-0"	



50 Hamilton Rd, Belmont, MA.

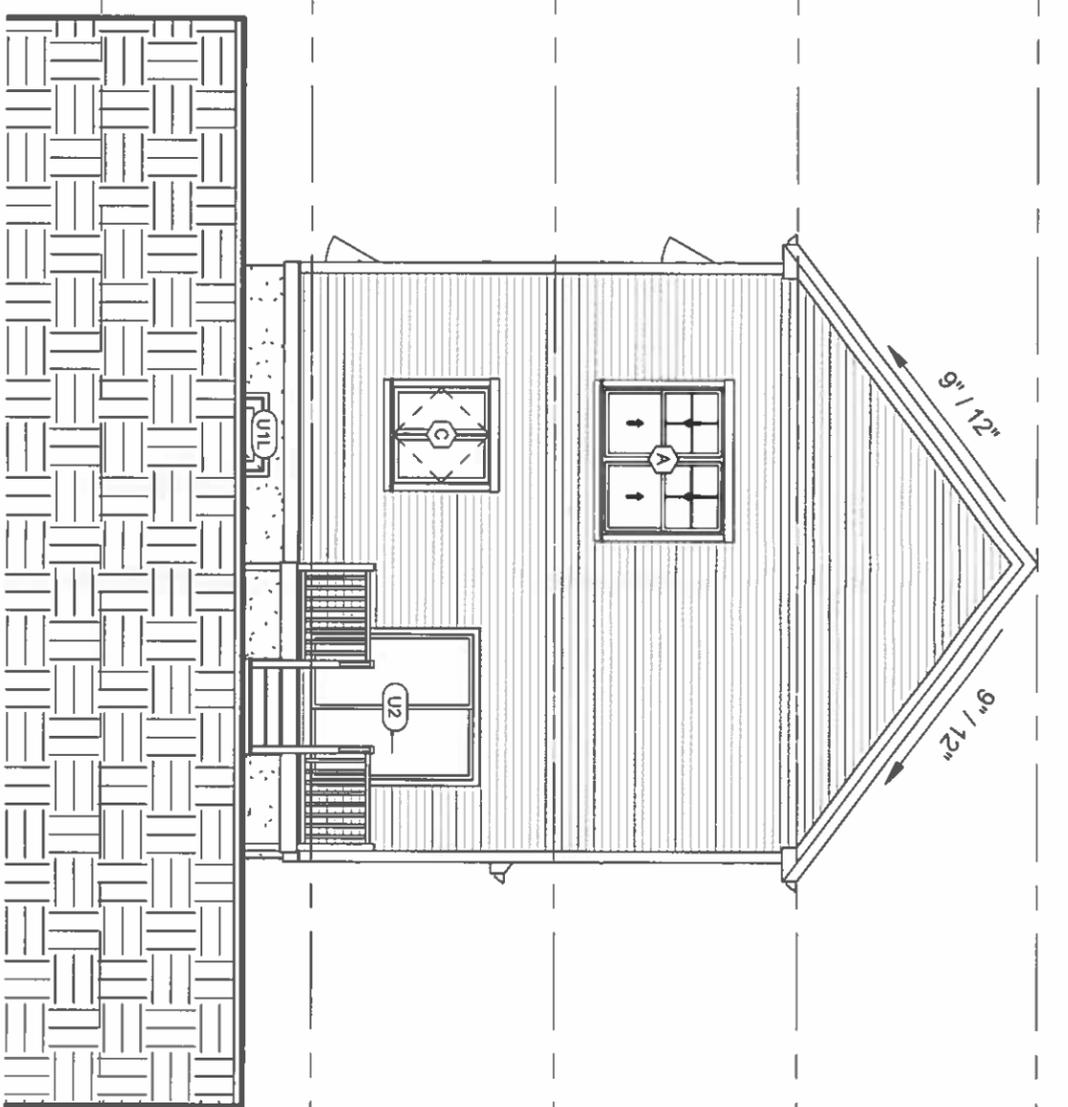
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No.	Description	Date

<b>Proposed West Elevation</b>	
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
<b>A200</b>	
Scale 1/8" = 1'-0"	





T.O. Roof  
29' - 10 1/2"

Attic  
20' - 0"

Second Floor  
10' - 0"

First Floor  
0' - 0"

Finish Level  
-8' - 8"



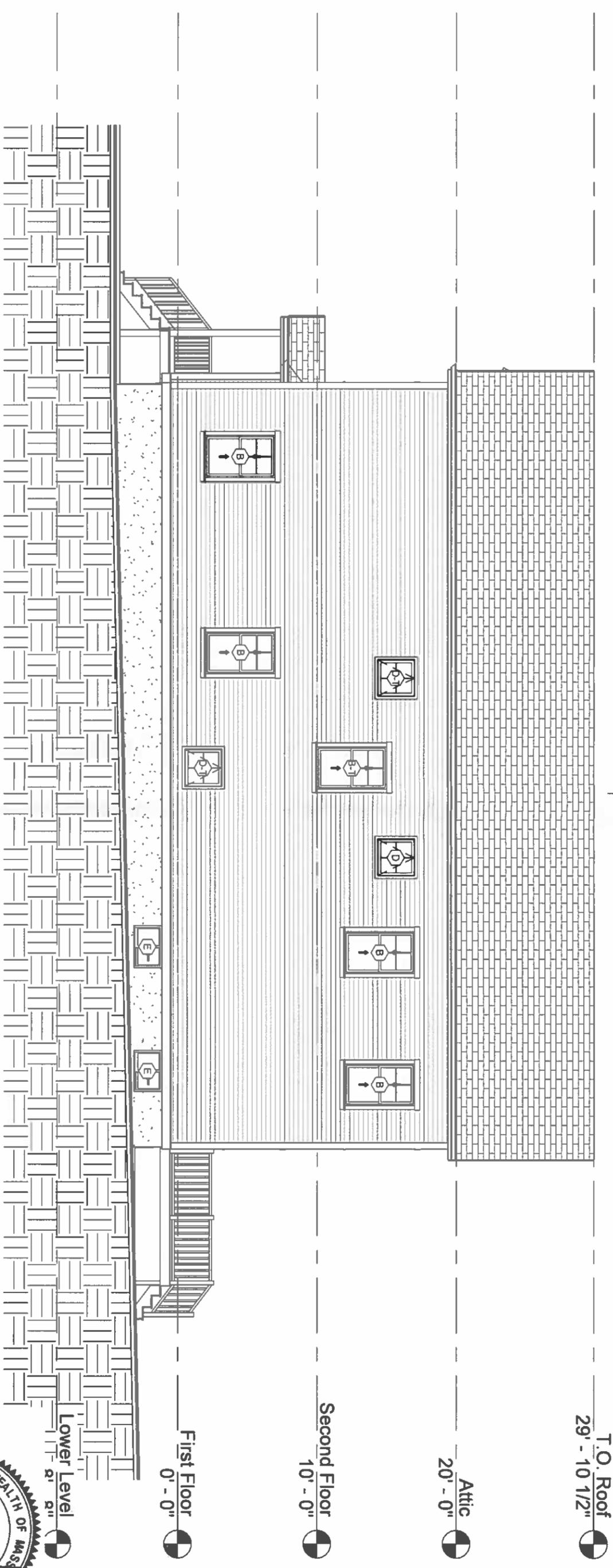
50 Hamilton Rd, Belmont, MA.

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No.	Description	Date

<b>Proposed North Elevation</b>	
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
<b>A202</b>	
Scale 1/8" = 1'-0"	



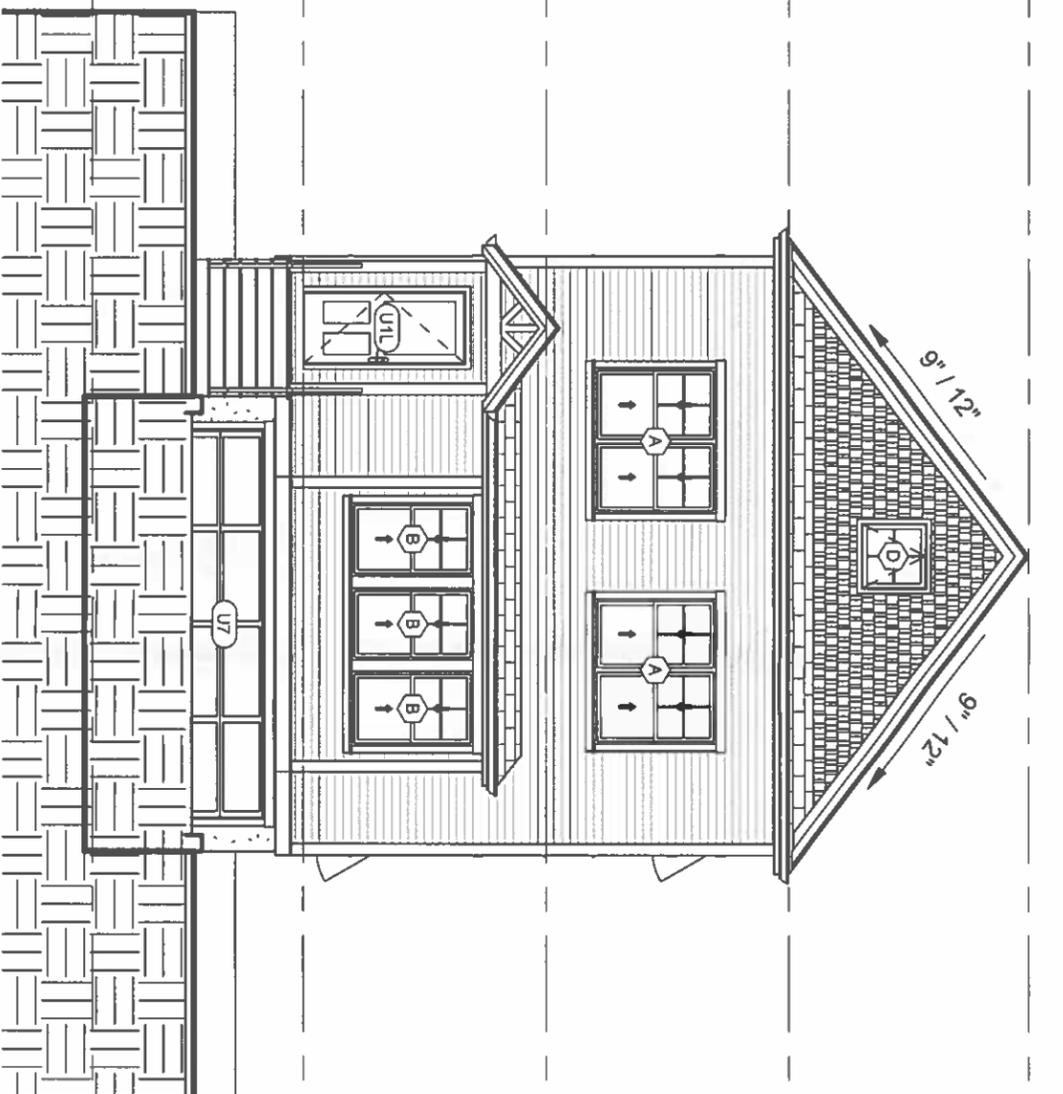
50 Hamilton Rd, Belmont, MA.

No.	Description	Date

**Proposed East Elevation**

Project number	Project number	<b>A204</b>
Date	06/28/24	
Drawn by	Author	Scale 1/8" = 1'-0"
Checked by	Checker	





T.O. Roof  
29' - 10 1/2"

Attic  
20' - 0"

Second Floor  
10' - 0"

First Floor  
0' - 0"

Lower Level  
-8' - 8"



50 Hamilton Rd, Belmont, MA.

No.	Description	Date

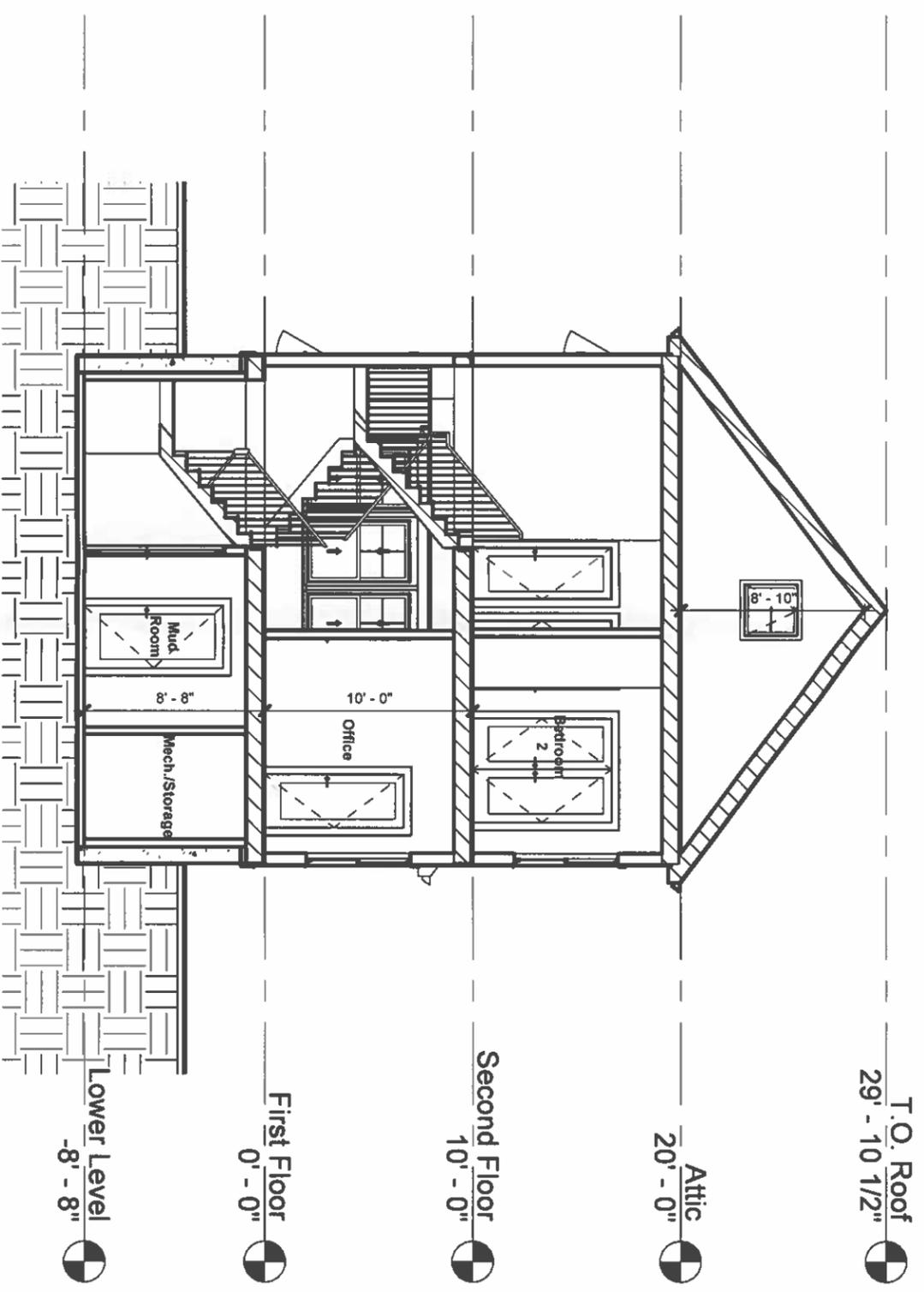
No.	Description	Date

**Proposed South Elevation**

Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker

**A206**

Scale 1/8" = 1'-0"



50 Hamilton Rd, Belmont, MA.

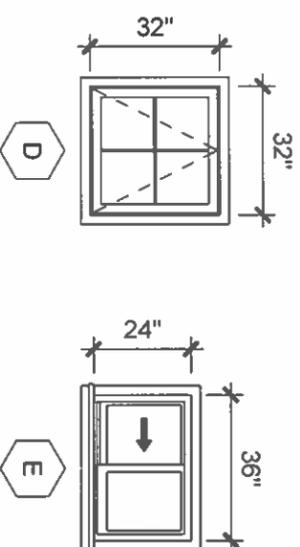
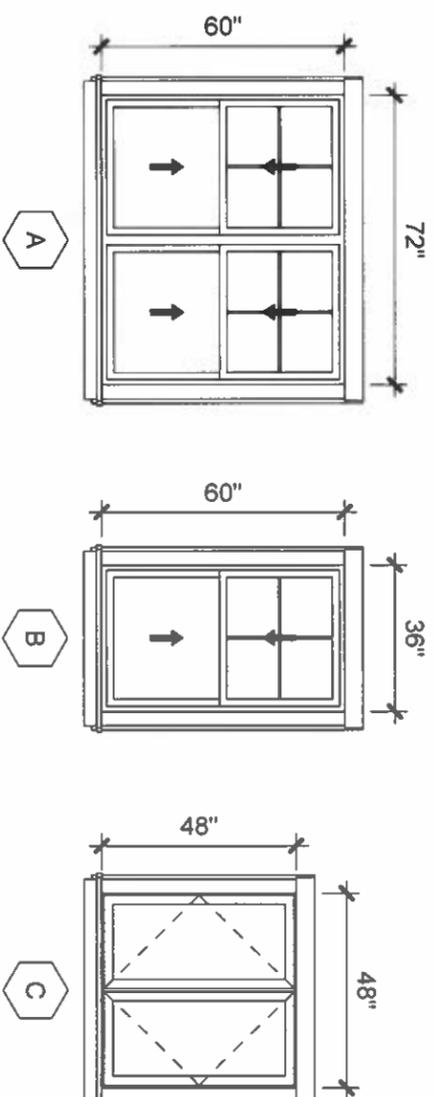
No.	Description	Date

Building Section	
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
A210	
Scale 1/8" = 1'-0"	



Window Schedule

Type Mark	Count	Width	Height	Type	Tempered
A	5	72"	60"	Window-Double-Hung-Double	No
B	12	36"	60"	Window-Double-Hung	No
B-T	2	36"	60"	Window-Double-Hung	Yes
C	1	48"	48"	Window-Casement-Double	No
D	2	32"	32"	Window-Awning-Single	No
D-T	2	32"	32"	Window-Awning-Single	Yes
E	4	36"	24"	Window-Sliding-Double	No



Door Schedule

Type Mark	Count	Width	Height	Comments
U1L	2	36"	80"	Entry Door
U2	1	72"	80"	Sliding Glass Door
U3L	6	30"	80"	Interior Door
U3R	8	30"	80"	Interior Door
U4R	1	32"	80"	Interior Door
U5	4	60"	80"	Interior Double Door
U6L	1	36"	80"	Garage Entry Door - 20 Min Fire Rated
U7	1	192"	84"	Garage Door

50 Hamilton Rd, Belmont, MA.

No.	Description	Date

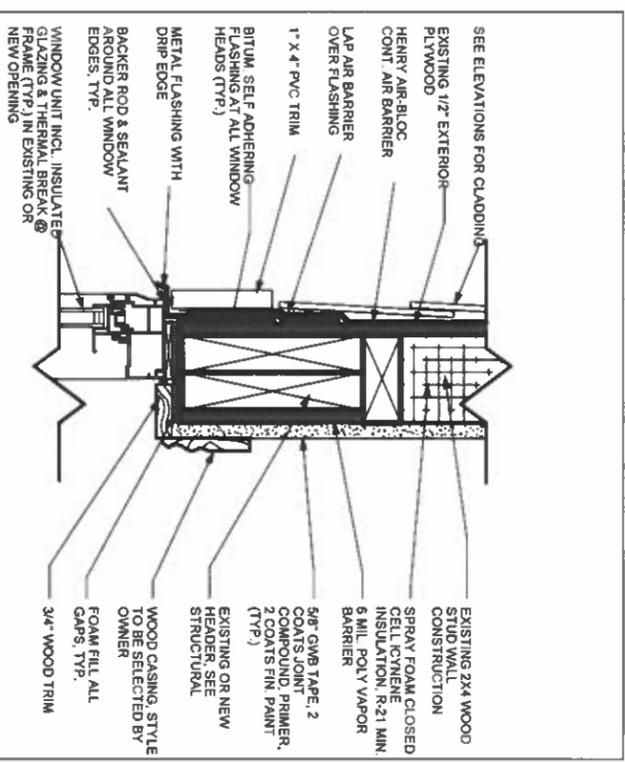
Window & Door Schedule

Project number	Project number	<b>A300</b>
Date	06/28/24	
Drawn by	Author	Scale 1/4" = 1'-0"
Checked by	Checker	

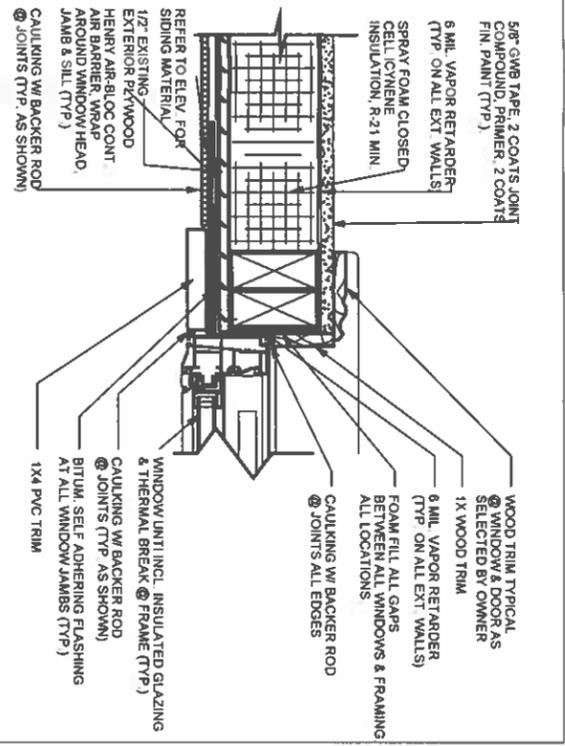




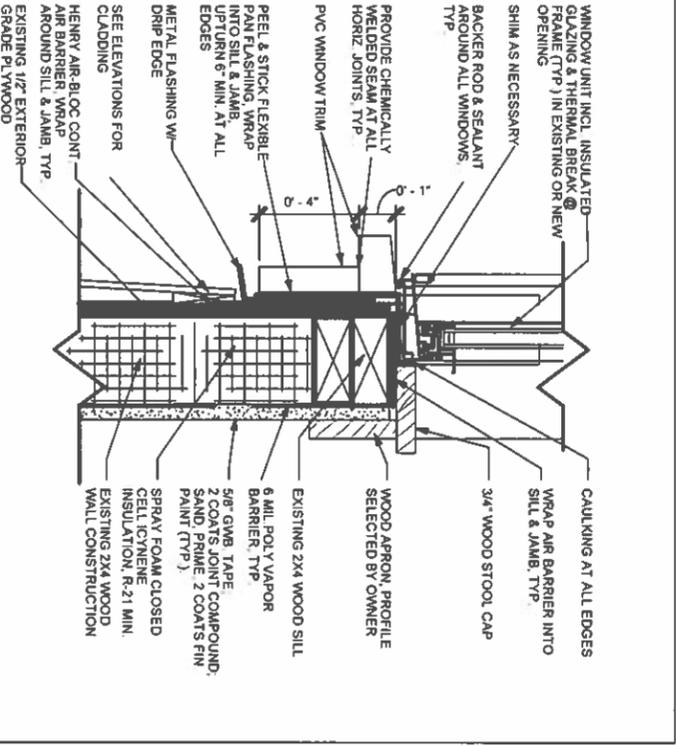
# 50 Hamilton Rd, Belmont, MA.



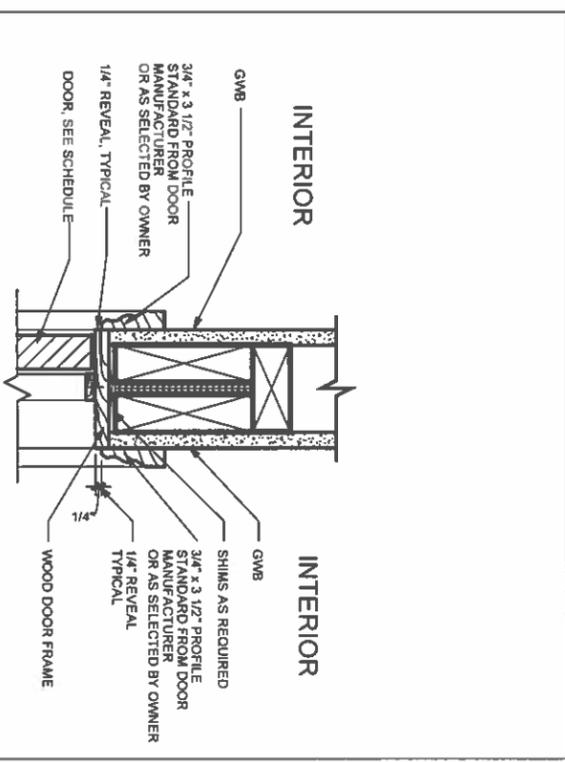
1 WINDOW HEAD DETAIL - EXISTING WALL  
A-500 Scale: N.T.S.



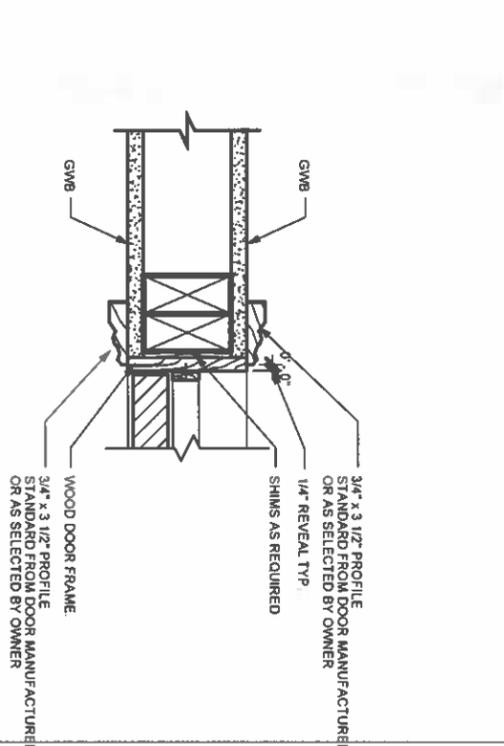
2 WINDOW JAMB DETAIL - EXISTING WALL  
A-500 Scale: N.T.S.



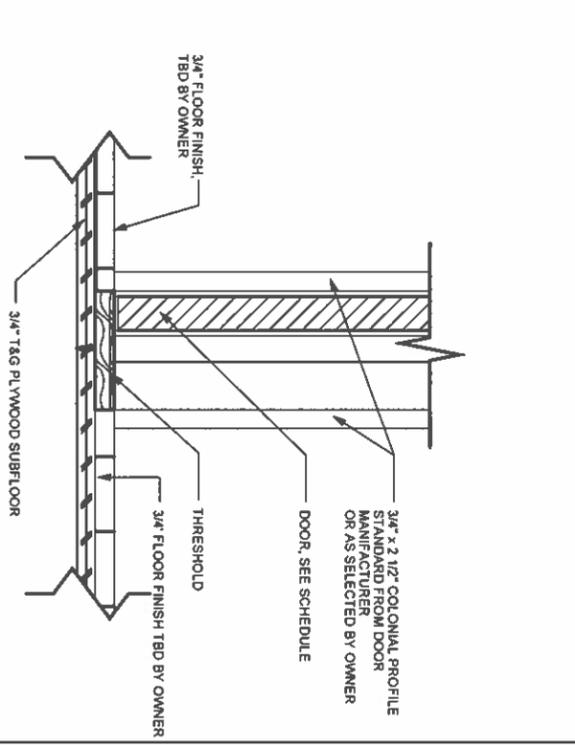
3 WINDOW SILL DETAIL - EXISTING WALL  
A-500 Scale: N.T.S.



4 INTERIOR WOOD FRAME - DOOR HEAD DETAIL  
A-500 Scale: N.T.S.



5 INTERIOR WOOD FRAME - DOOR JAMB DETAIL  
A-500 Scale: N.T.S.



6 INTERIOR WOOD FRAME - DOOR THRESHOLD DETAIL  
A-500 Scale: N.T.S.

No.	Description	Date

## Window & Door Details

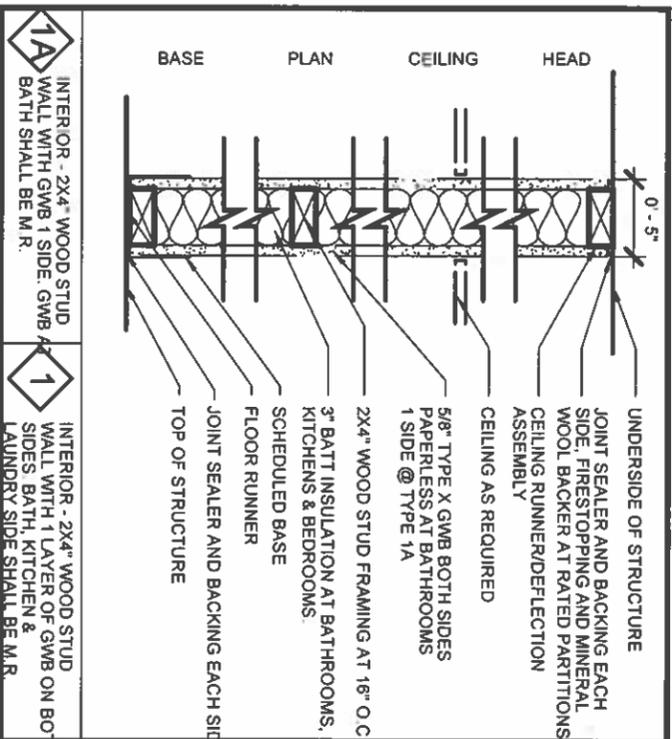
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
Scale	A400

**Climate Zone Requirements**

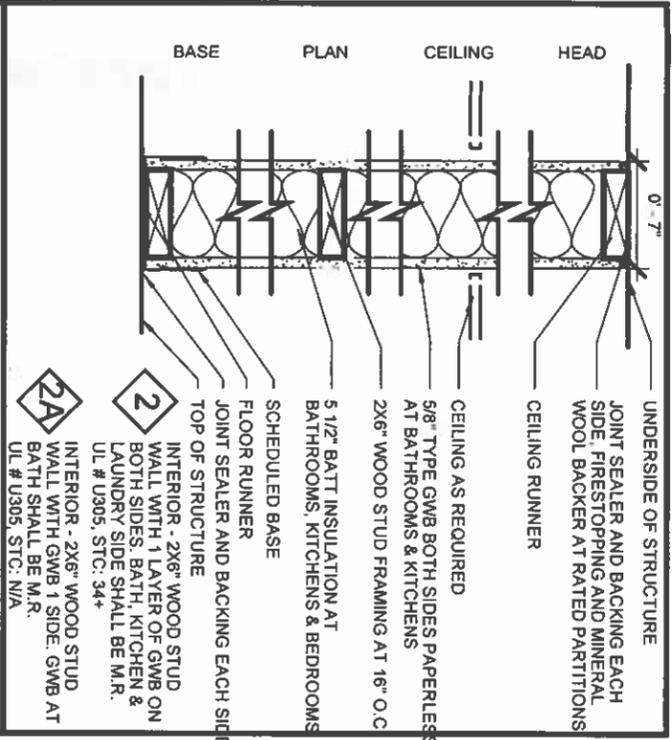
CLIMATE ZONE:	5
FENESTRATION U-FACTOR:	0.301
SKYLIGHT U-FACTOR:	0.55
GLAZED FENESTRATION:	0.4
CEILING R-VALUE:	60
WOOD FRAME WALL R-VALUE:	30 or 20 + Sch
MASS WALL R-VALUE:	13/17
FLOOR R-VALUE:	30
BASEMENT WALL R-VALUE:	15ci or 19
SLAB R-VALUE & DEPTH:	10ci, 4 Feet
CRAWL SPACE WALL R-VALUE:	15ci or 19



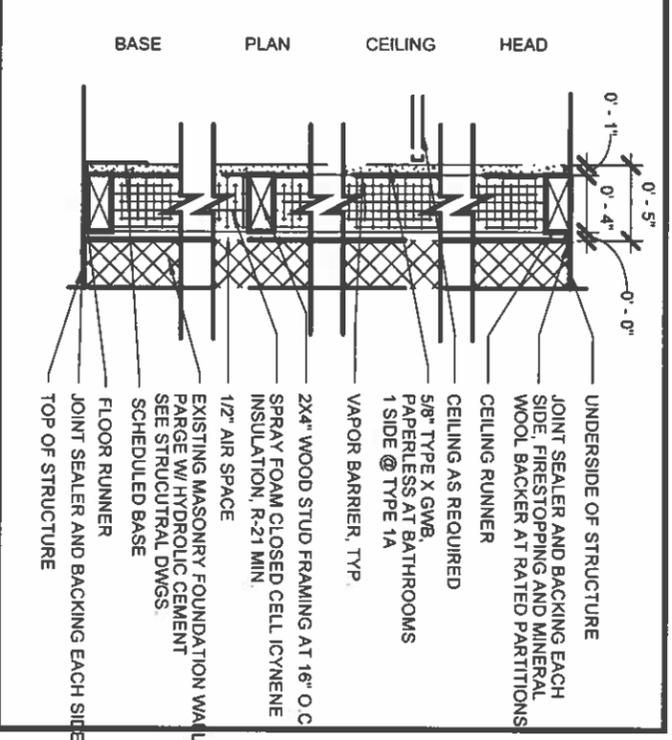
50 Hamilton Rd, Belmont, MA.



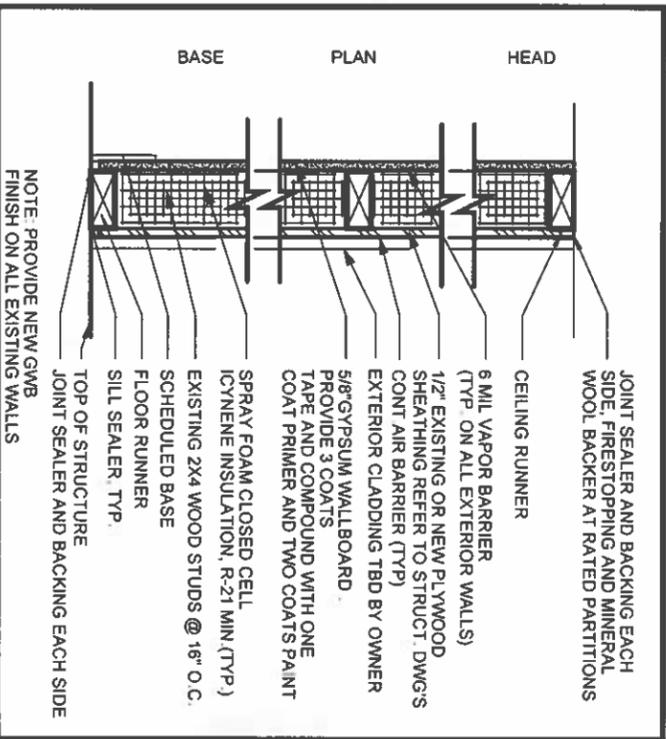
**1** TYPICAL 2X4" STUD PARTITION TYPE



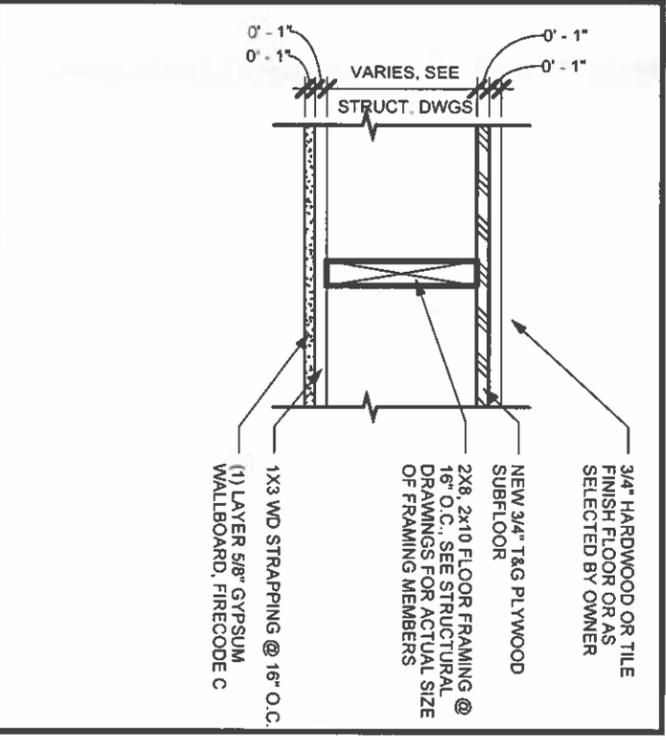
**2** 6" STUD PARTITION TYPE



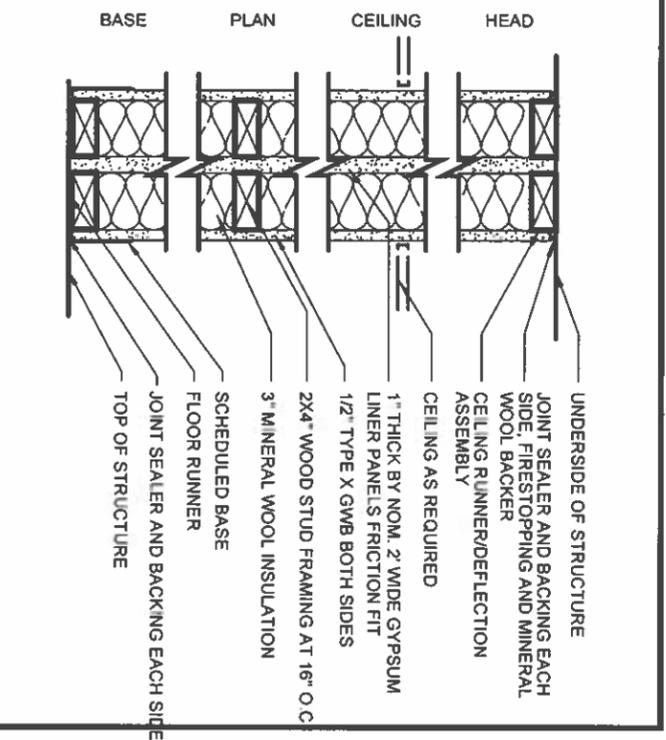
**3** FURRED MASONRY WALL



**4** EXTERIOR WALL TYPE - EXISTING WALL



**5** FLOOR/CEILING ASSEMBLY @ EXISTING BUILDING



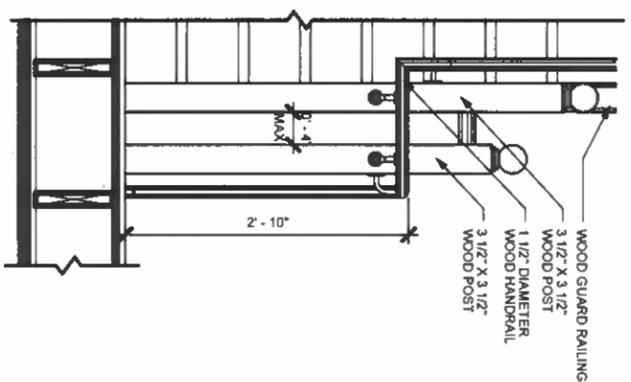
**1X** INTERIOR - UNIT SEPARATION DEMISING WALL

No.	Description	Date

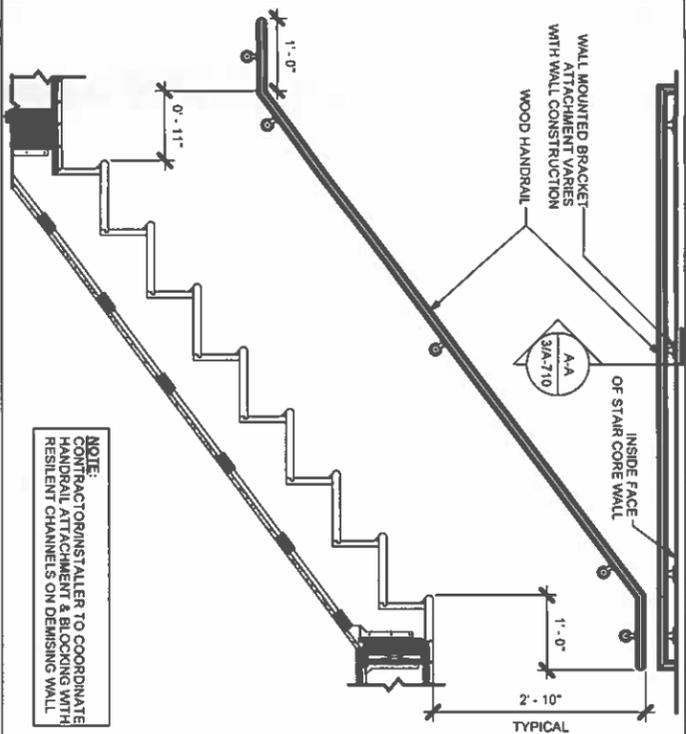
Partition Types	
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
Scale <b>A500</b>	



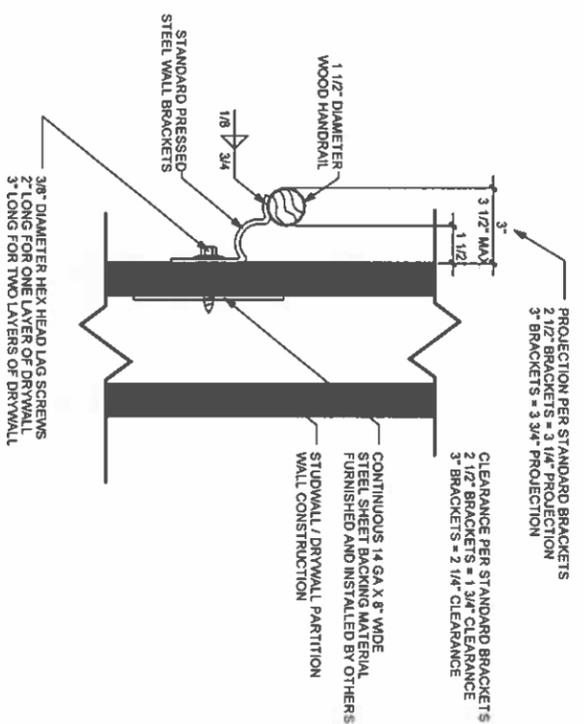
50 Hamilton Rd, Belmont, MA.



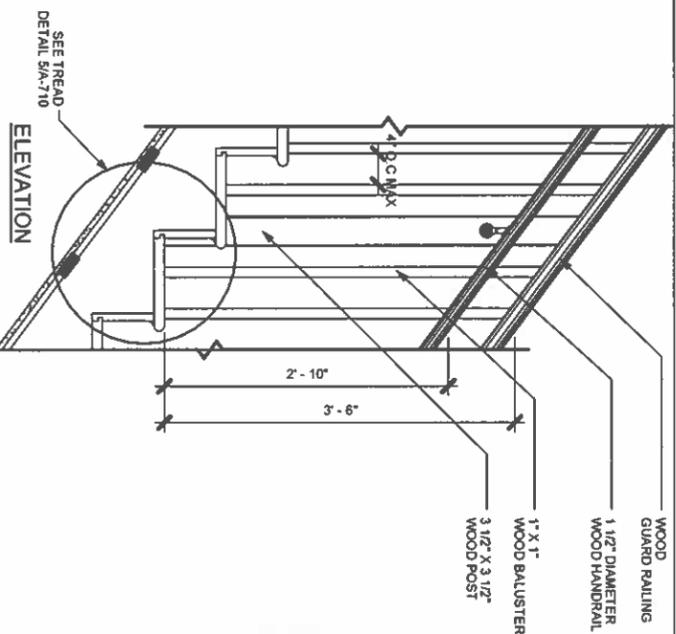
1 PICKET RAIL TRANS. BETWEEN LANDINGS  
SCALE: N.T.S.



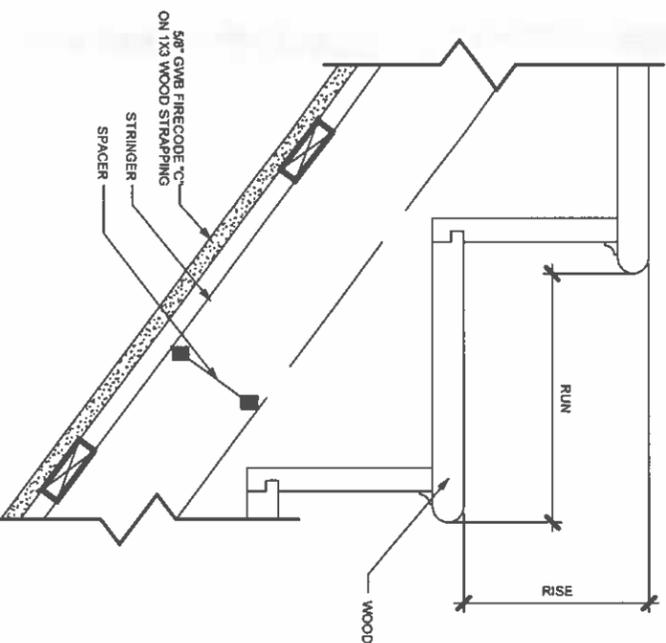
2 TYPICAL WALL RAIL  
SCALE: N.T.S.



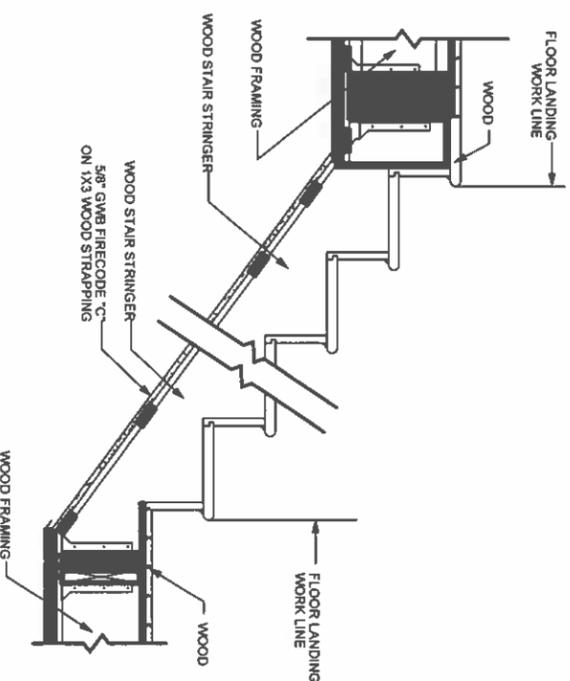
3 WALL HANDRAIL BRACKET MOUNTING DETAIL  
SCALE: N.T.S.



4 PICKET RAIL INTERMEDIATE POST  
SCALE: N.T.S.



5 WOOD STAIR DETAIL  
SCALE: N.T.S.



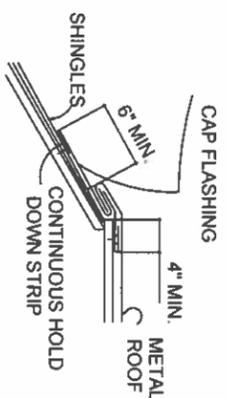
6 TYPICAL STAIR SECTION  
SCALE: N.T.S.

No.	Description	Date

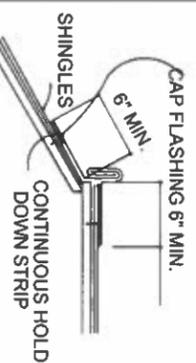
Typical Stair Details

Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
Scale	A600

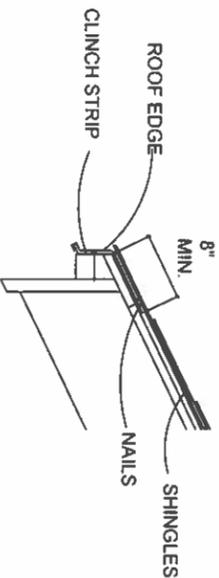




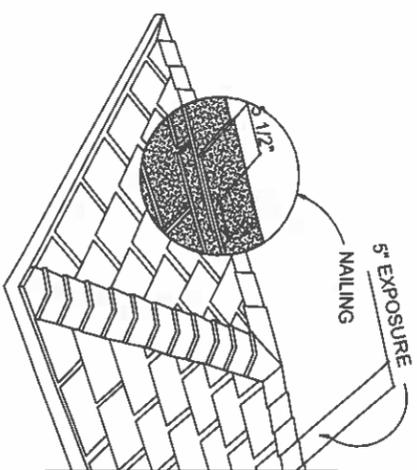
**C** SHINGLES TO METAL



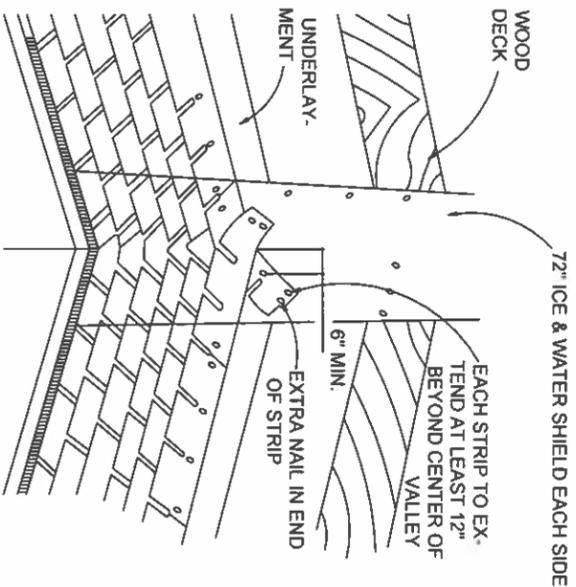
**D** SHINGLES TO EPDM



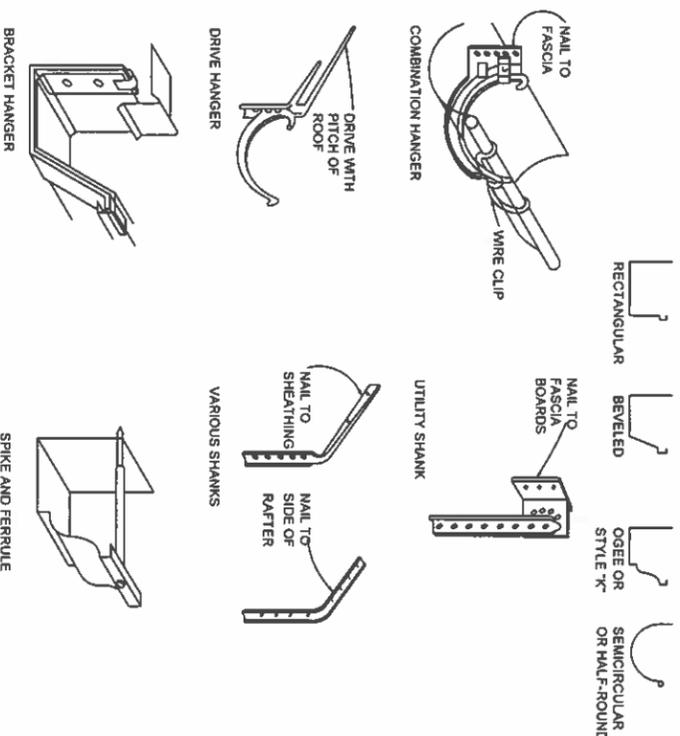
**7** GENERIC DRIP EDGE  
A-310 Scale: N.T.S.



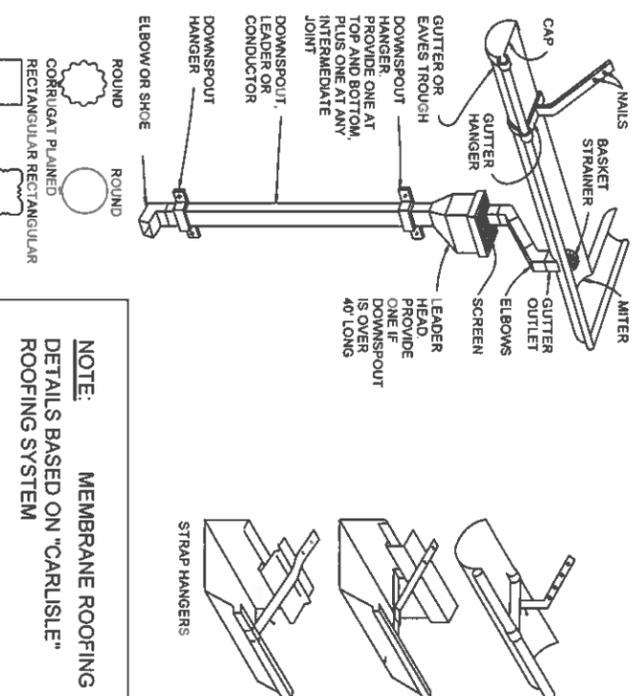
**9** HIP AND RIDGE  
A-310 Scale: N.T.S.



**8** CLOSED VALLEY  
A-310 Scale: N.T.S.



**10** GUTTER & DOWN SPOUT  
A-310 Scale: N.T.S.



**NOTE:** MEMBRANE ROOFING DETAILS BASED ON "CARLISLE" ROOFING SYSTEM

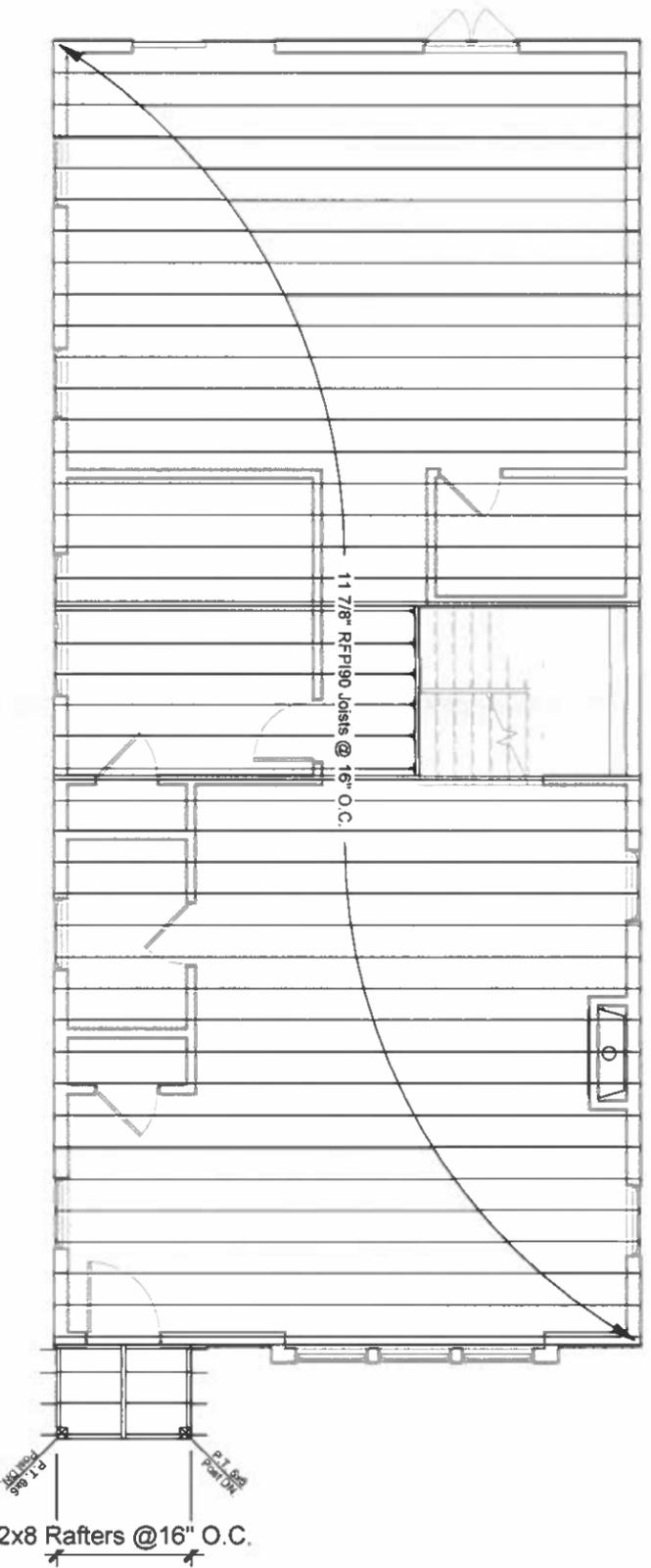
50 Hamilton Rd, Belmont, MA.

No.	Description	Date

Typical Roof Details II	
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
Scale	A710



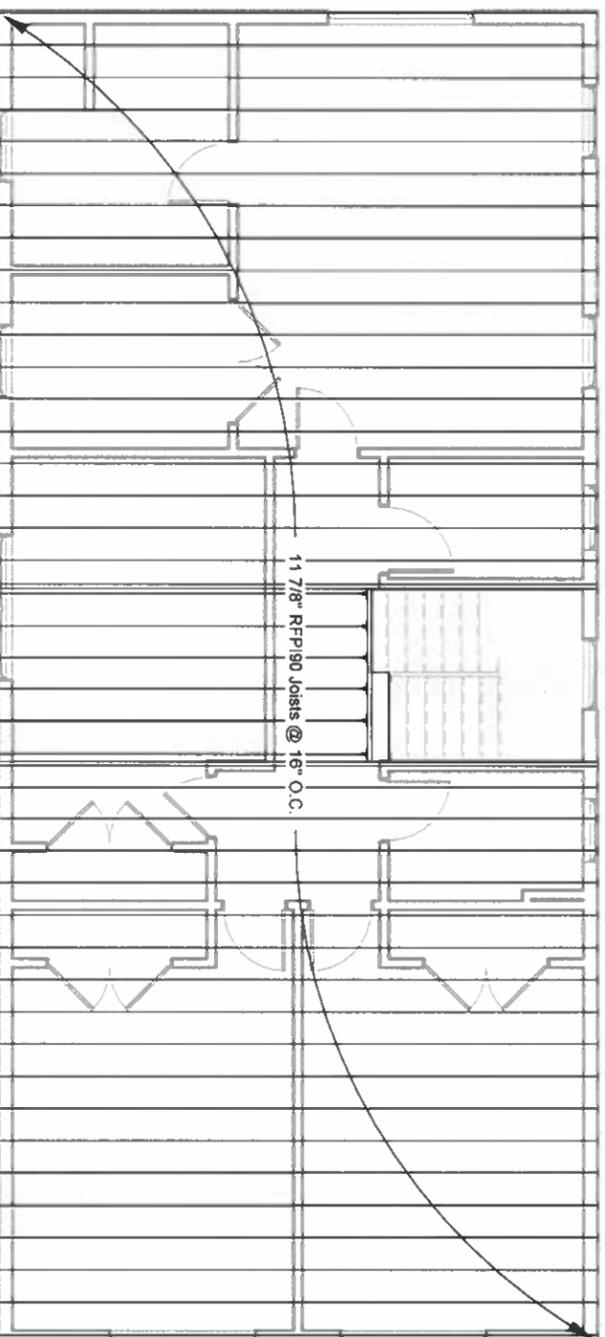
50 Hamilton Rd, Belmont, MA.



**Second Floor Framing**

Project number	Project number	<b>S101</b>
Date	06/28/24	
Drawn by	Author	Scale 1/8" = 1'-0"
Checked by	Checker	

No.	Description	Date



50 Hamilton Rd, Belmont, MA.

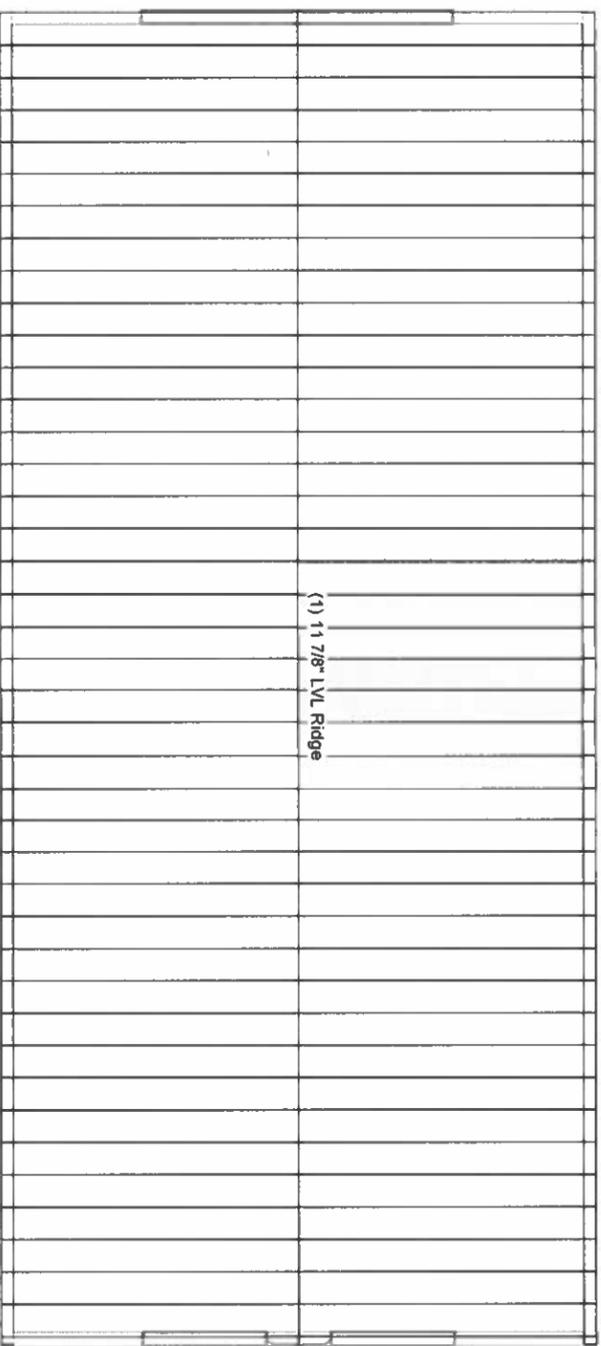
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No.	Description	Date

<b>Attic Framing</b>	
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker
<b>S102</b>	
Scale 1/8" = 1'-0"	

2x10 Rafters @ 16" O.C.

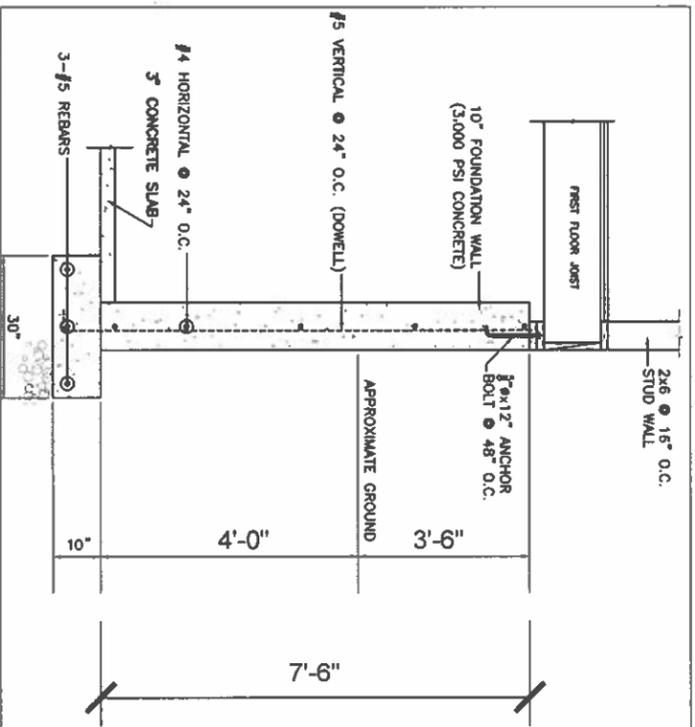
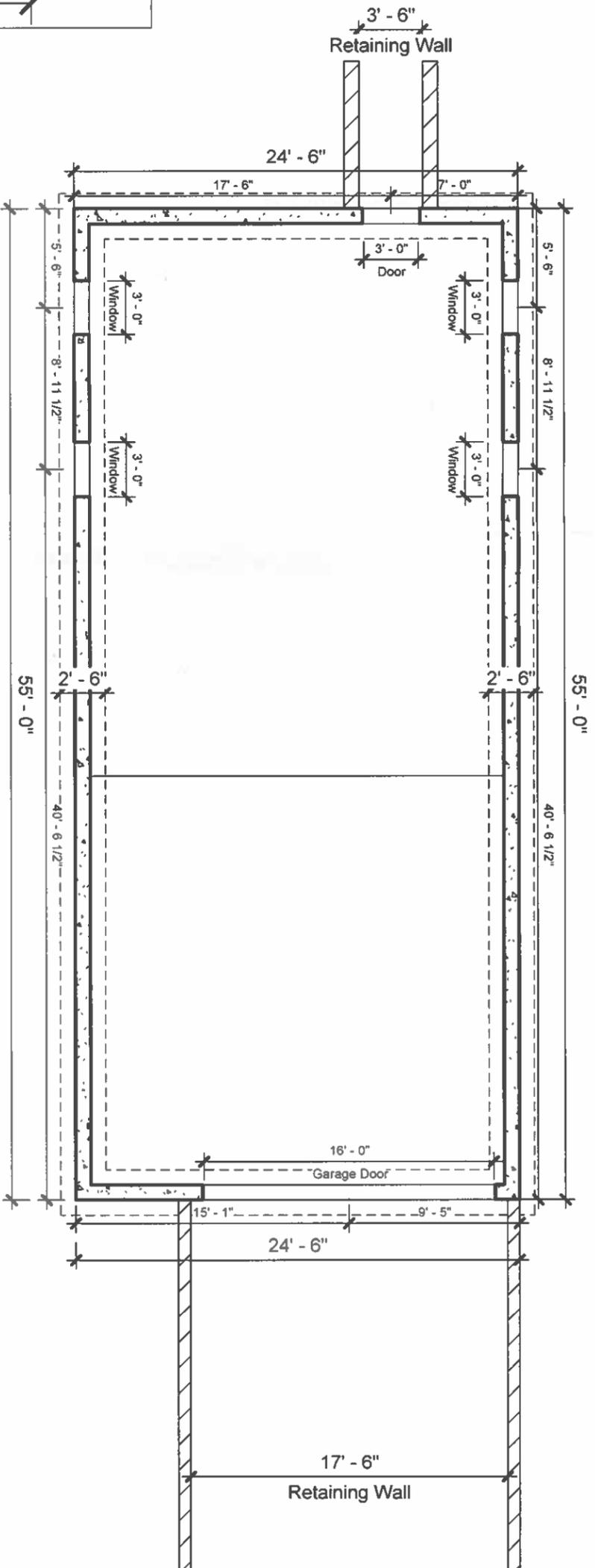


50 Hamilton Rd, Belmont, MA.

No.	Description	Date

### Roof Framing

Project number	Project number	S103
Date	06/28/24	
Drawn by	Author	Scale 1/8" = 1'-0"
Checked by	Checker	



50 Hamilton Rd, Belmont, MA.

No.	Description	Date

Foundation Plan

Project number  
Date  
Drawn by  
Checked by

Project number

06/28/24

Author

Checker

S200

Scale 1/8" = 1'-0"

