

46 Hamilton Road,
Belmont, Massachusetts.



Site Location



List of Symbols

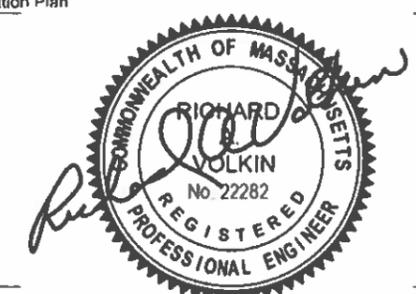
-  Smoke Detector
-  Smoke/CO Detector
-  Heat Detector
-  Bathroom Exhaust Fan

Area Schedule (Gross Building)

Level	Area
Lower Level	723 SF
First Floor	1348 SF
Second Floor	1348 SF
Total	3418 SF

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		



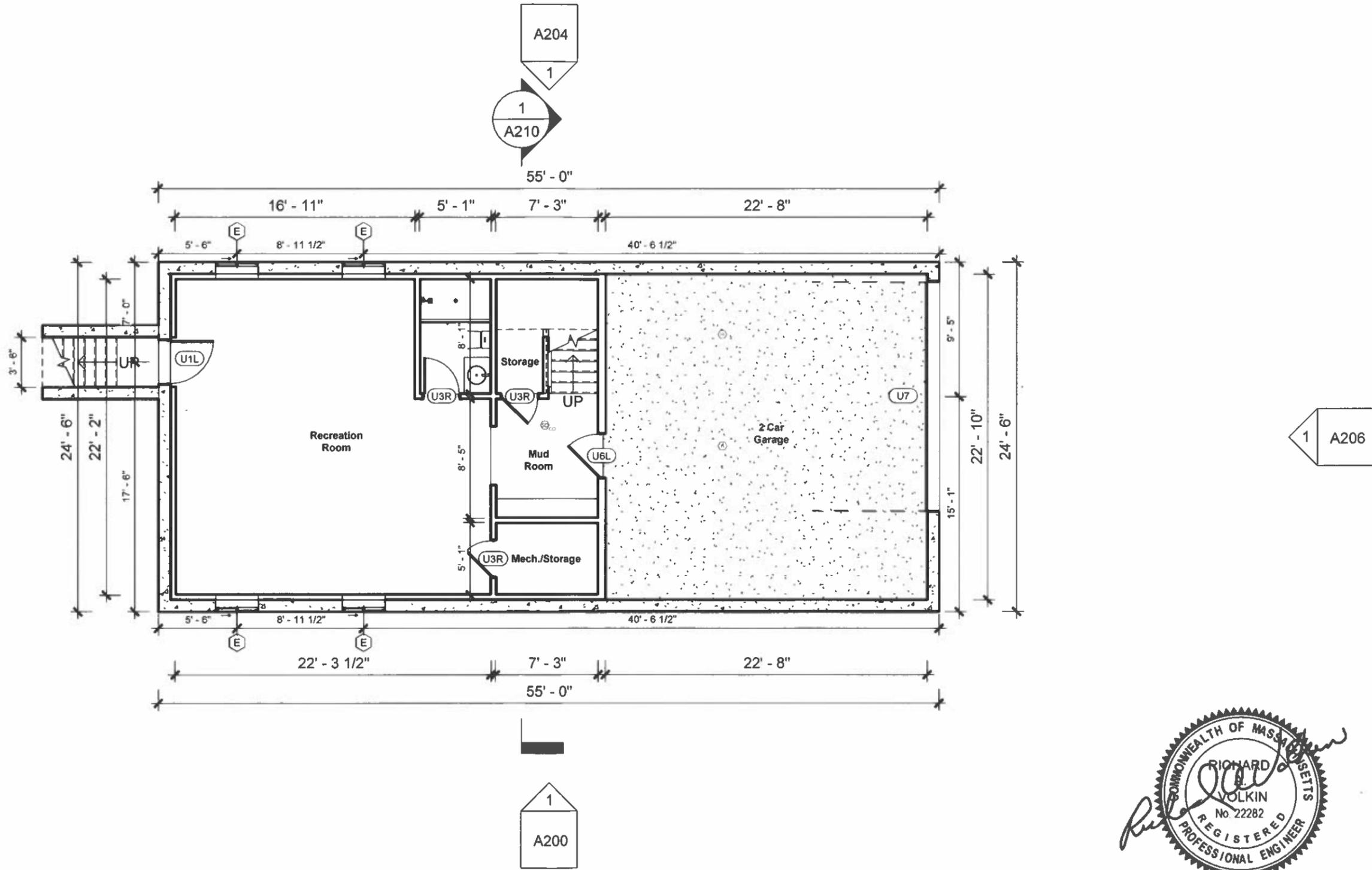
46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Cover Page

Updated
Oct 2024

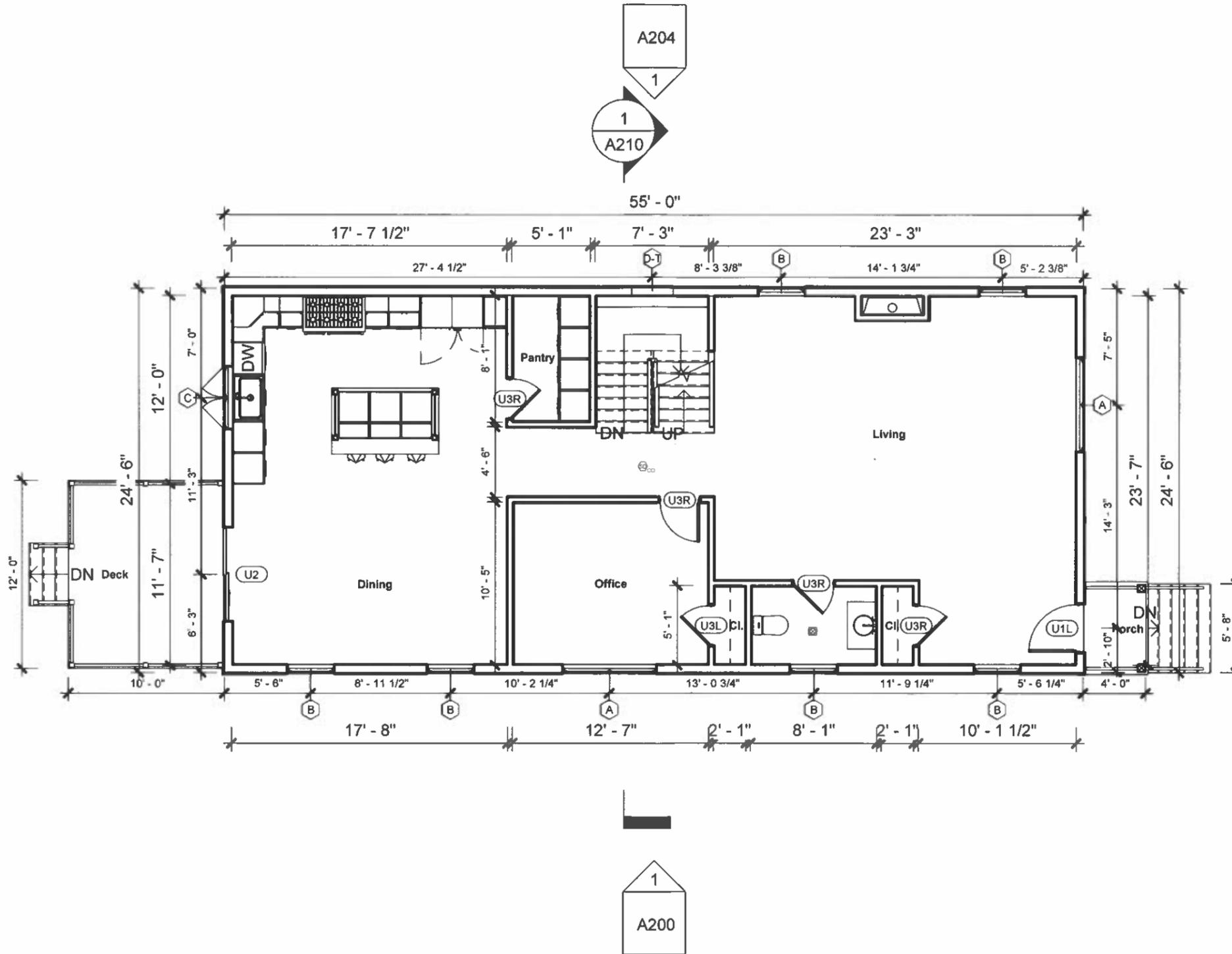
Project number	Project number	A000
Date		
Drawn by	Author	Scale
Checked by	Checker	



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

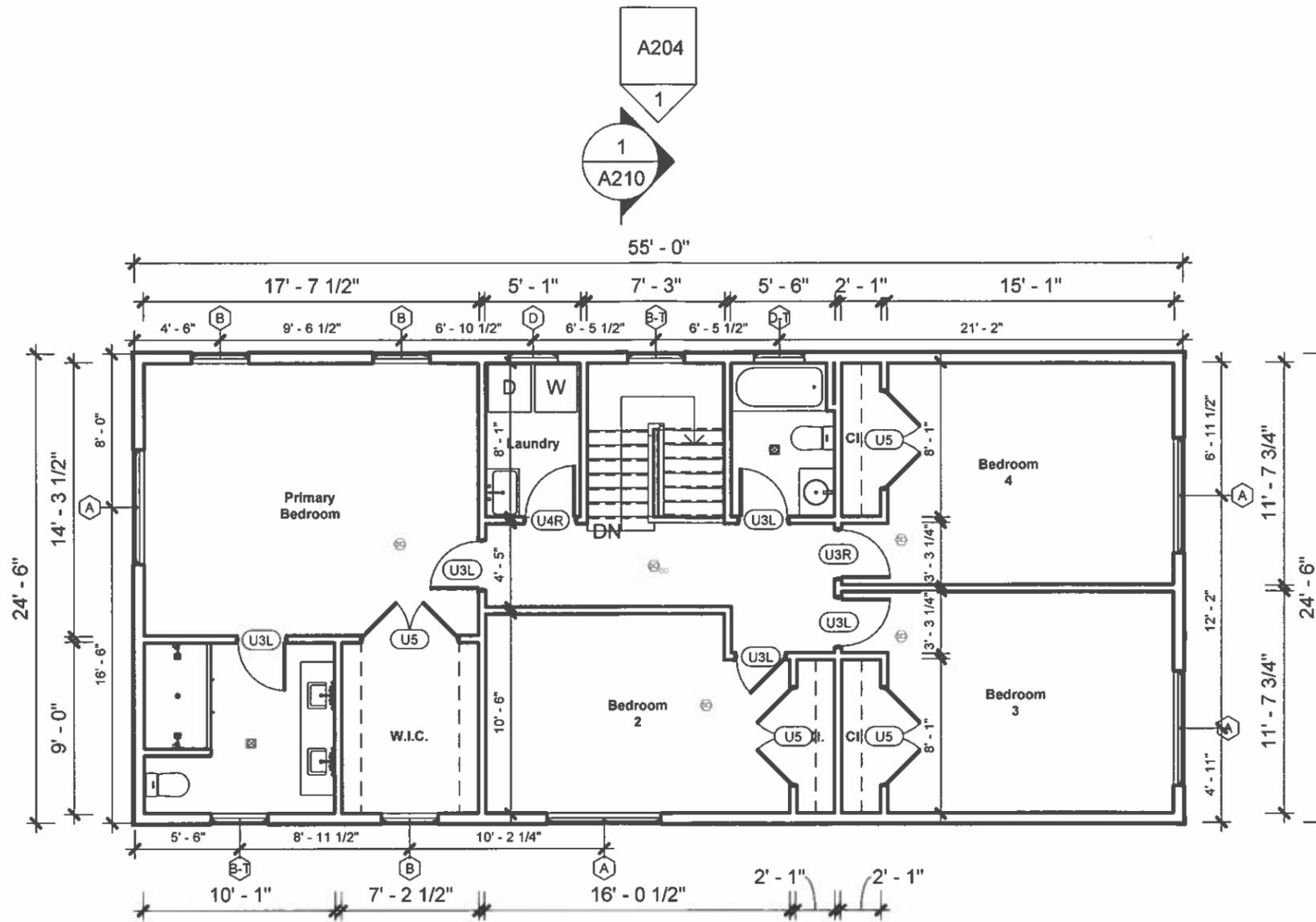
Proposed Lower Level		
Project number	Project number	A100
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale		1/8" = 1'-0"



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Proposed First Floor		
Project number	Project number	A102
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale 1/8" = 1'-0"		



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Proposed Second Floor

Project number	Project number	A104
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale 1/8" = 1'-0"		



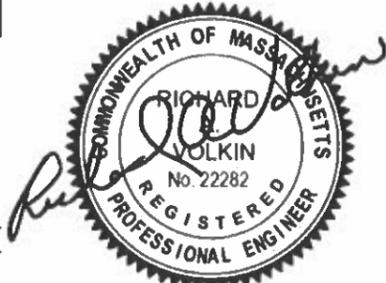
T.O. Roof
29' - 10 1/2"

Attic
20' - 0"

Second Floor
10' - 0"

First Floor
0' - 0"

Lower Level
-8' - 8"



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

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



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

Attic
20' - 0"

Second Floor
10' - 0"

First Floor
0' - 0"

Lower Level
-8' - 8"



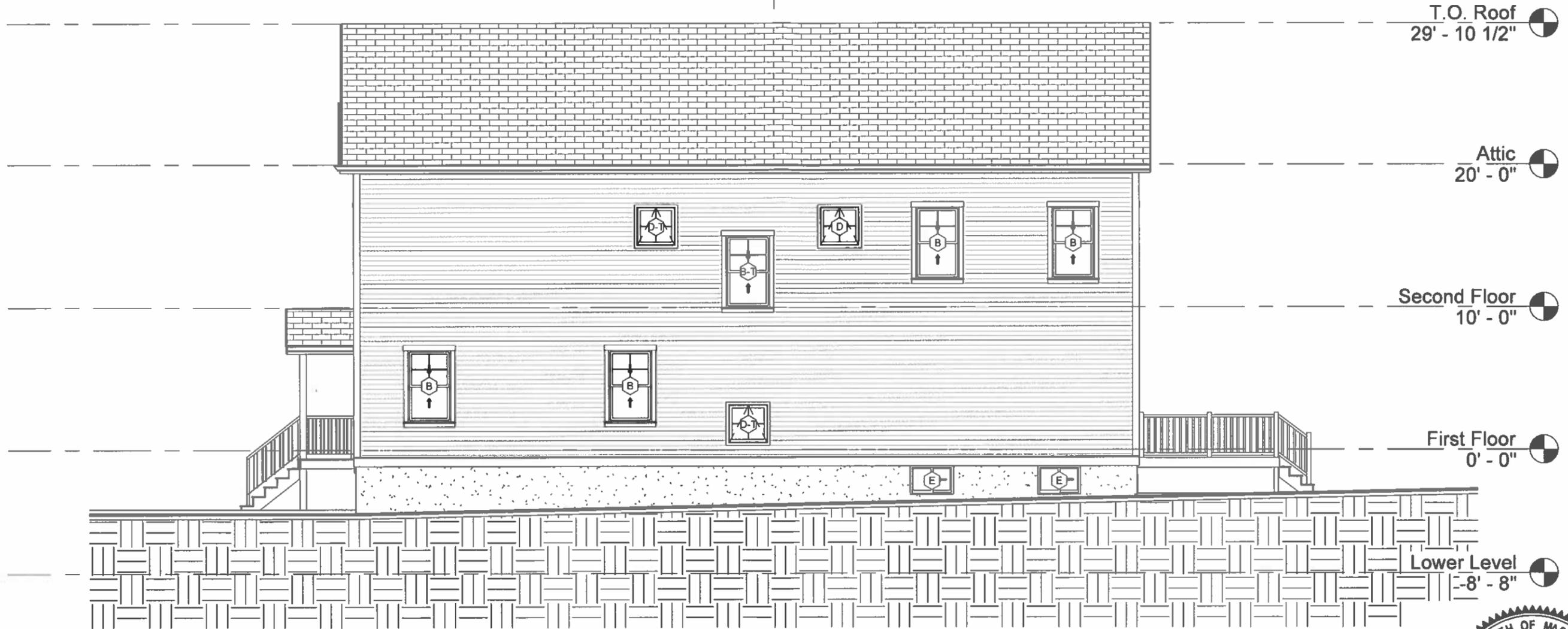
46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Proposed North Elevation

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

A202
Scale 1/8" = 1'-0"



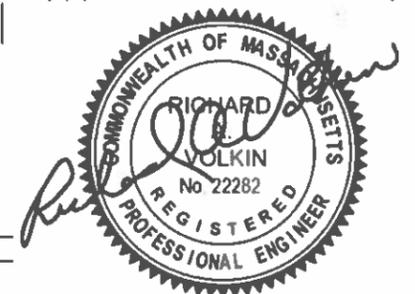
T.O. Roof
29' - 10 1/2"

Attic
20' - 0"

Second Floor
10' - 0"

First Floor
0' - 0"

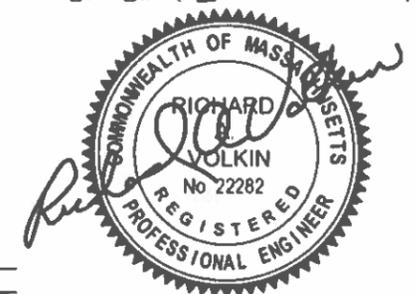
Lower Level
-8' - 8"



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Proposed East Elevation		A204
Project number	Project number	
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	Scale 1/8" = 1'-0"

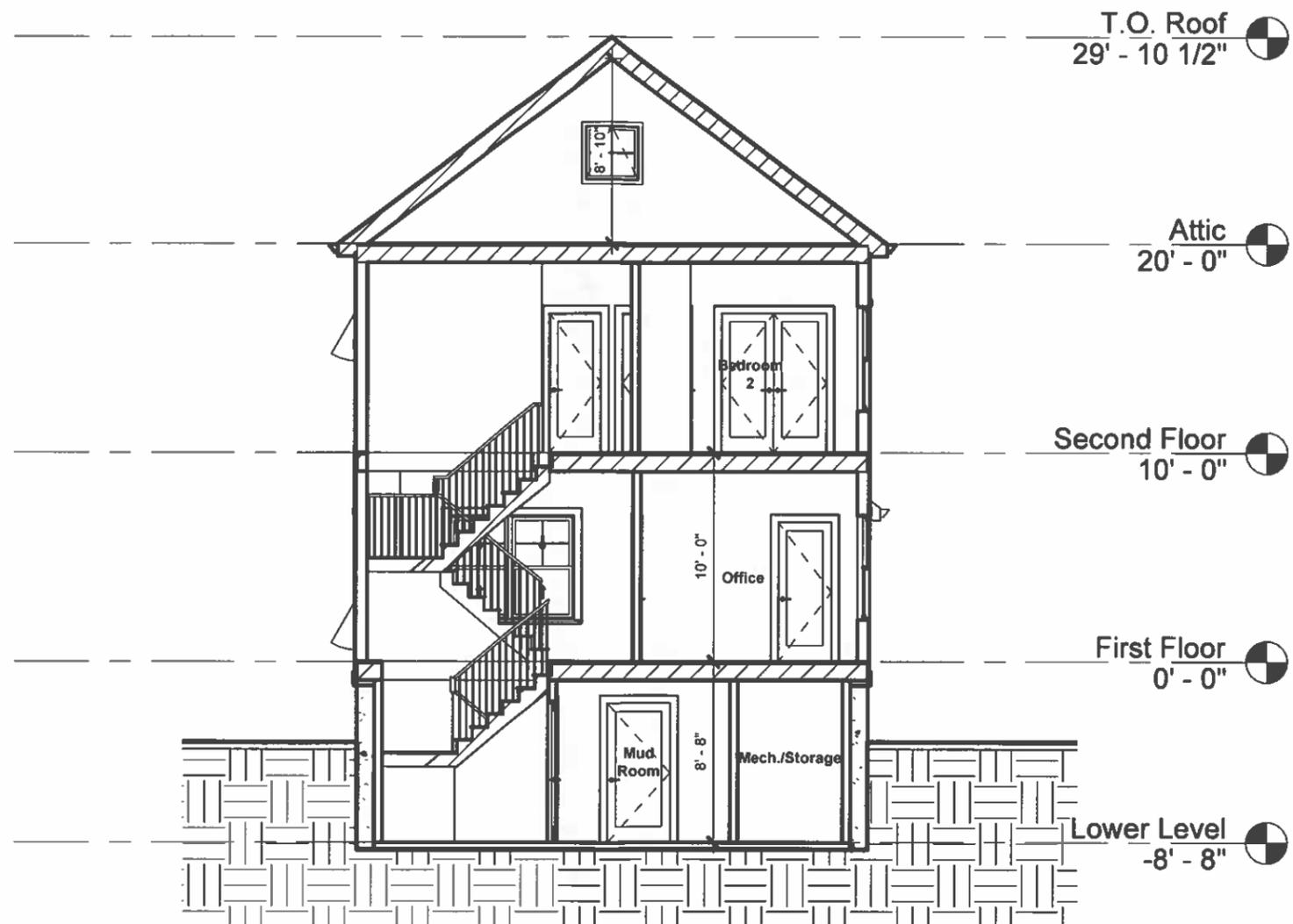


46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Proposed South Elevation

Project number	Project number	A206
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale 1/8" = 1'-0"		



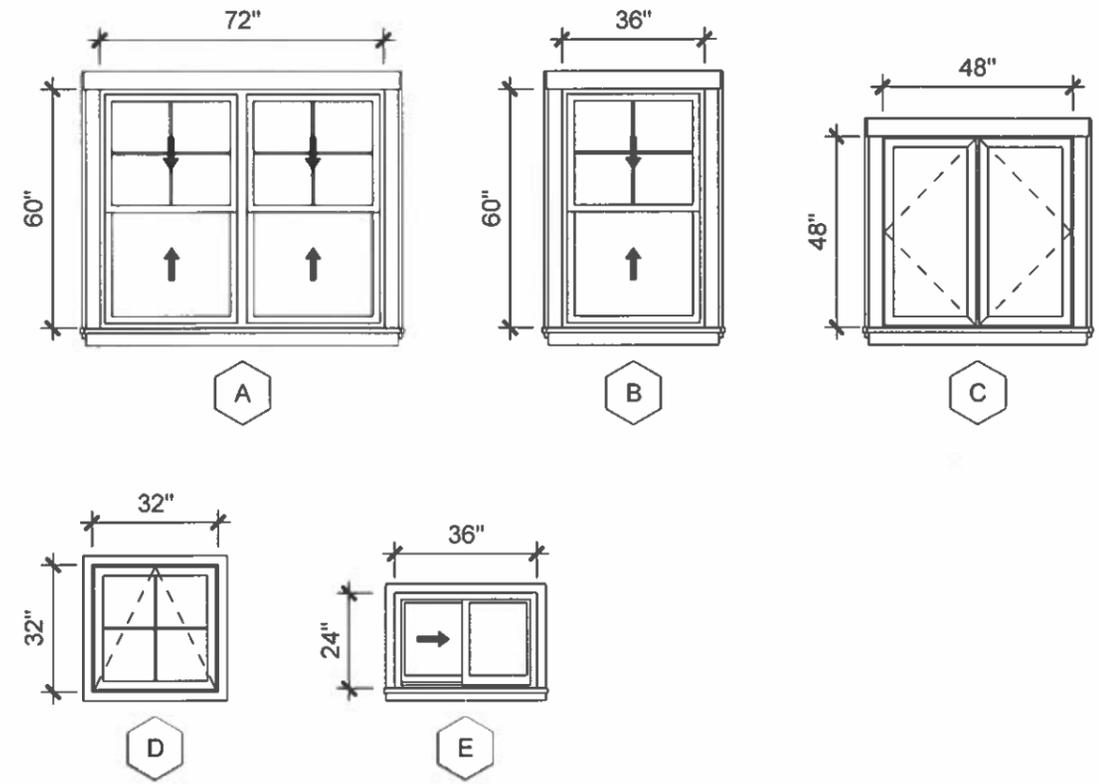
46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Building Section

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

Window Schedule					
Type Mark	Count	Width	Height	Type	Tempered
A	6	72"	60"	Window-Double-Hung-Double	No
B	9	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



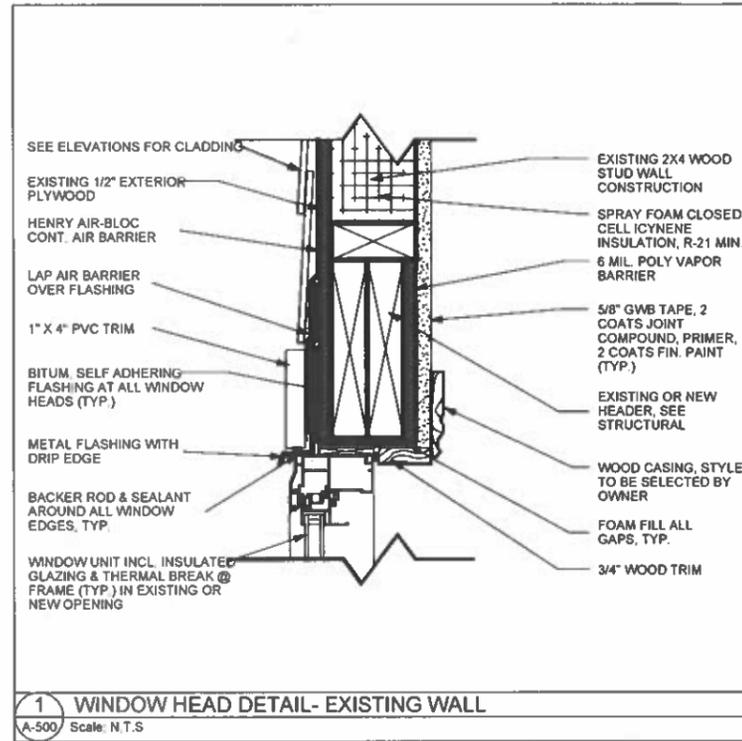
Door Schedule				
Type Mark	Count	Width	Height	Comments
U1L	2	36"	80"	Entry Door
U2	1	72"	80"	Sliding Glass Door
U3L	6	30"	80"	Interior Door
U3R	8	30"	80"	Interior Door
U4R	1	32"	80"	Interior Door
U5	4	60"	80"	Interior Double Door
U6L	1	36"	80"	Garage Entry Door - 20 Min Fire Rated
U7	1	192"	84"	Garage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



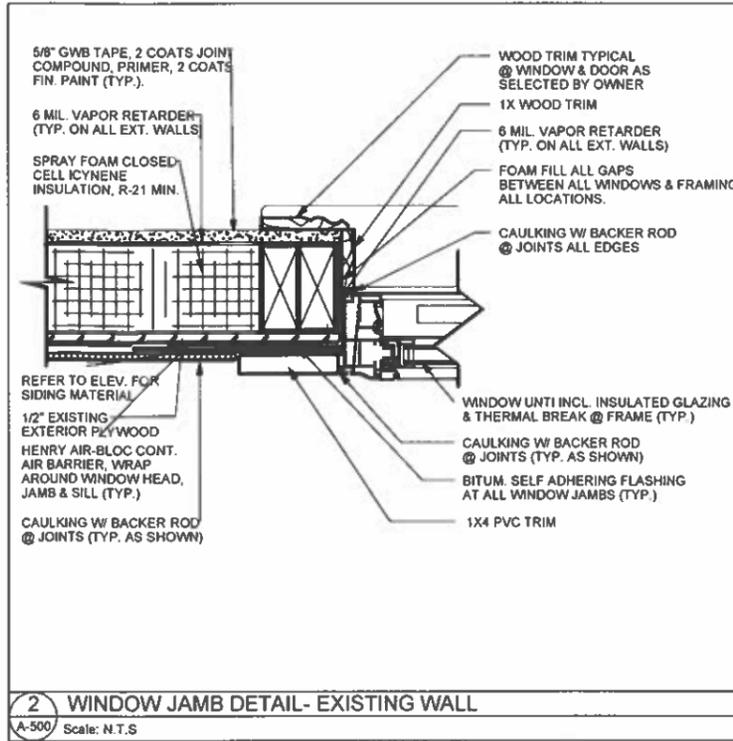
46 Hamilton Rd, Belmont, MA.

No.	Description	Date

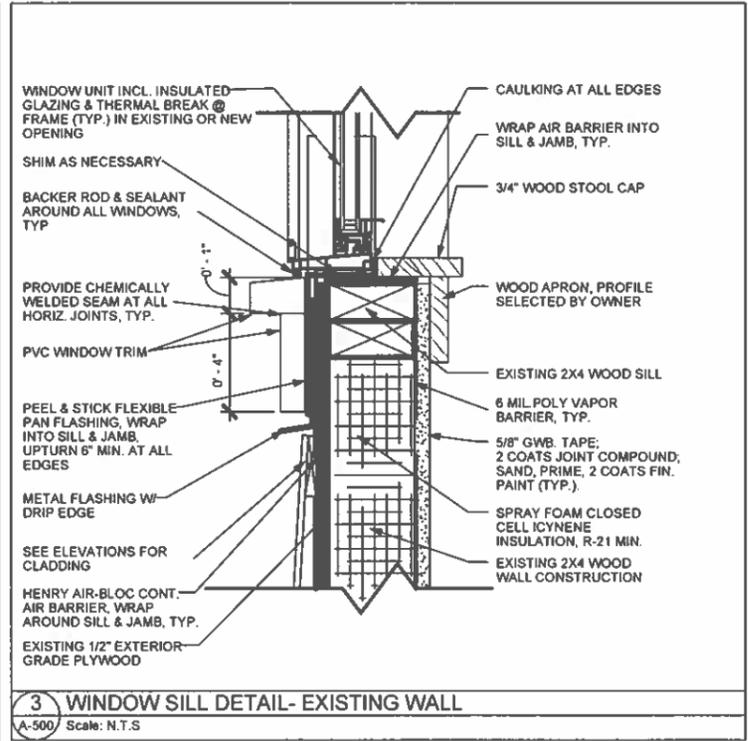
Window & Door Schedule		
Project number	Project number	A300
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale		1/4" = 1'-0"



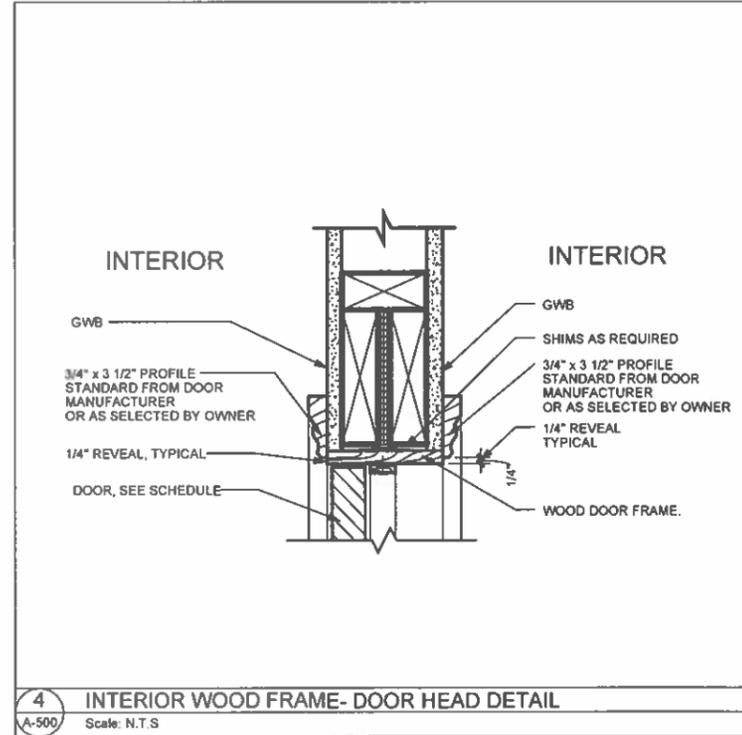
1 WINDOW HEAD DETAIL- EXISTING WALL
A-500 Scale: N.T.S



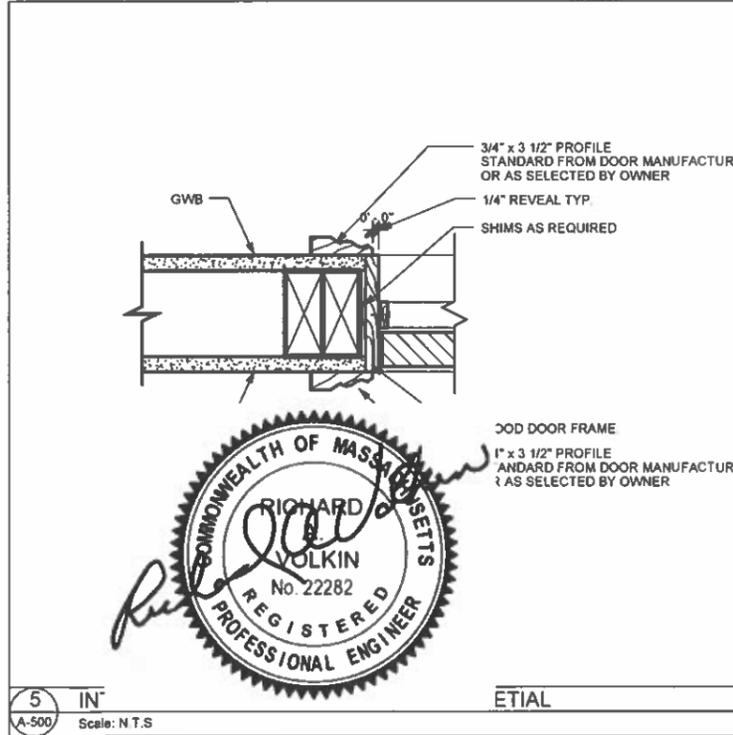
2 WINDOW JAMB DETAIL- EXISTING WALL
A-500 Scale: N.T.S



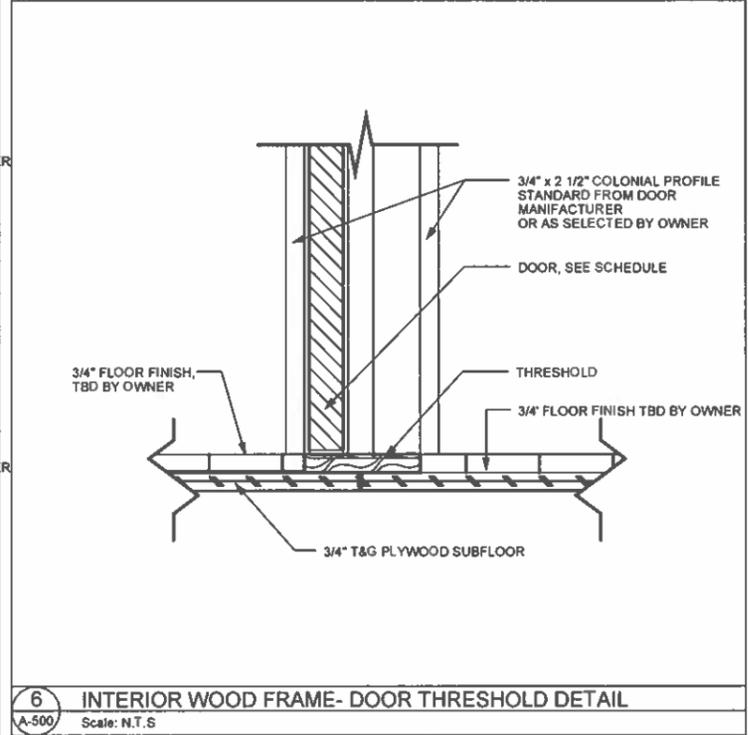
3 WINDOW SILL DETAIL- EXISTING WALL
A-500 Scale: N.T.S



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



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



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

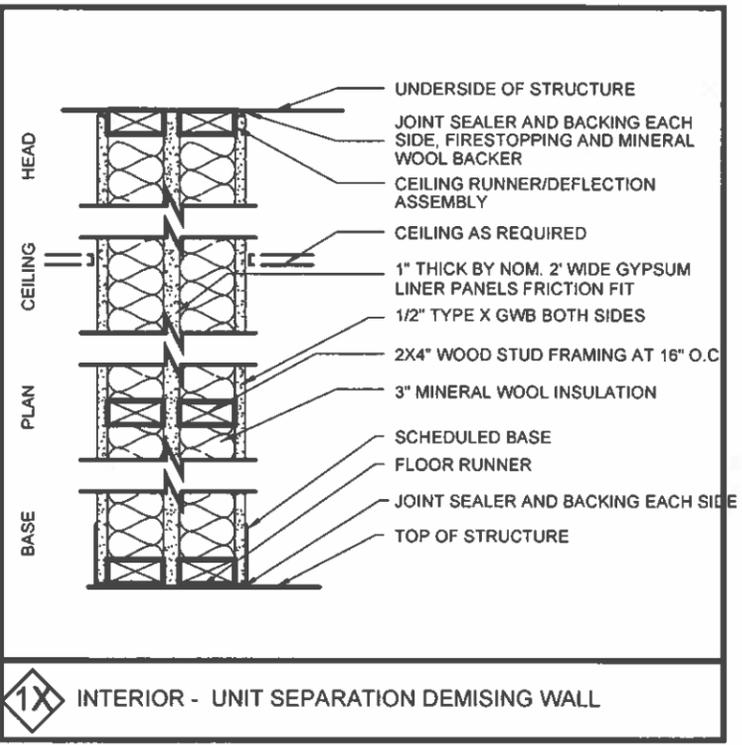
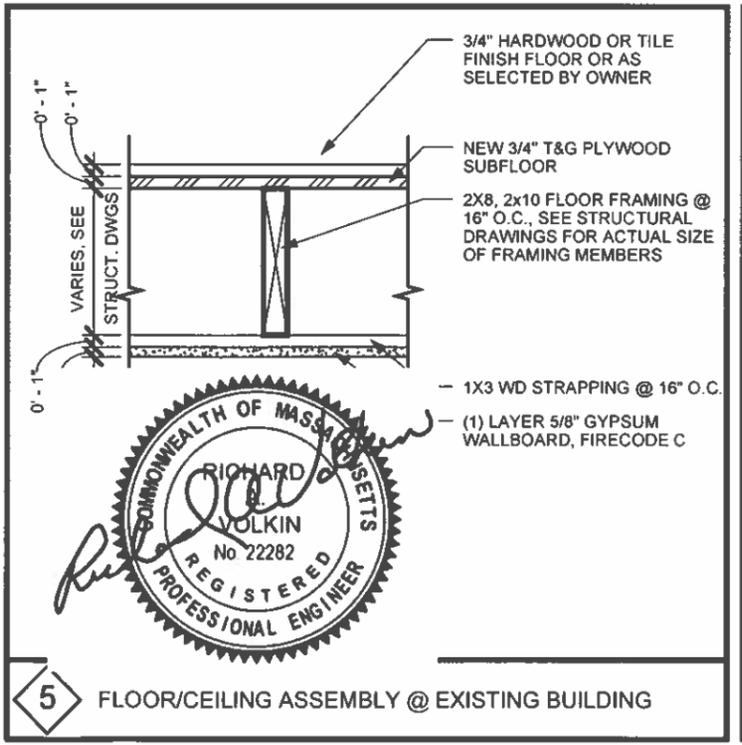
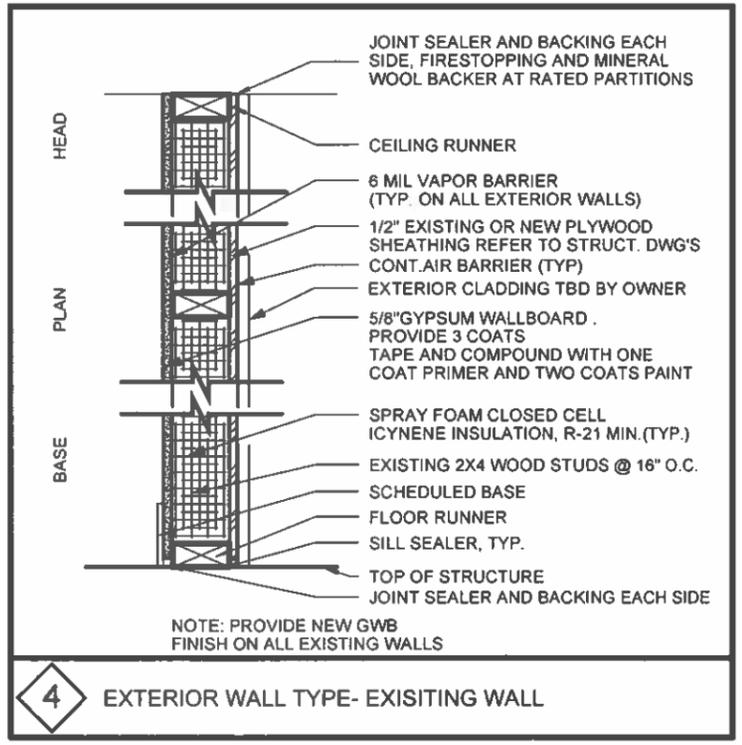
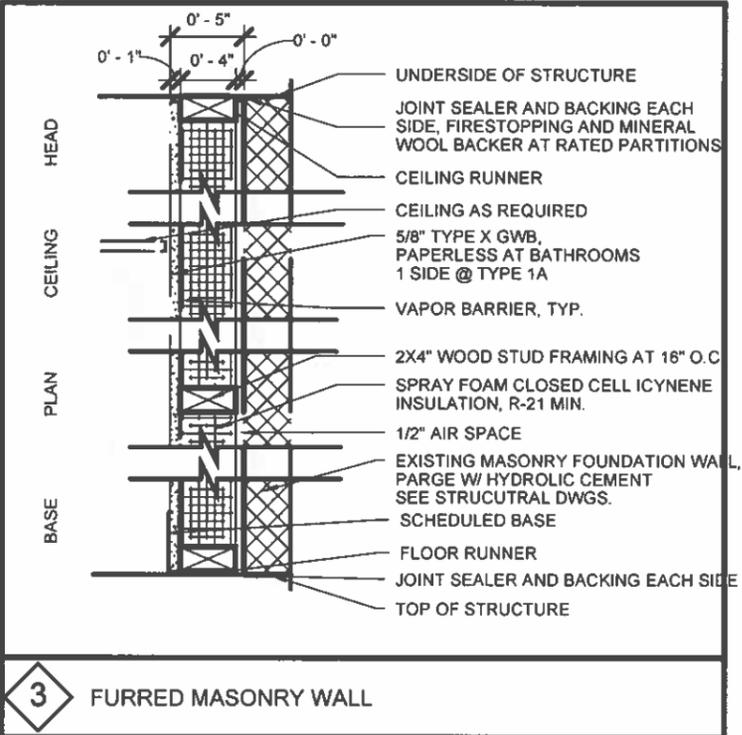
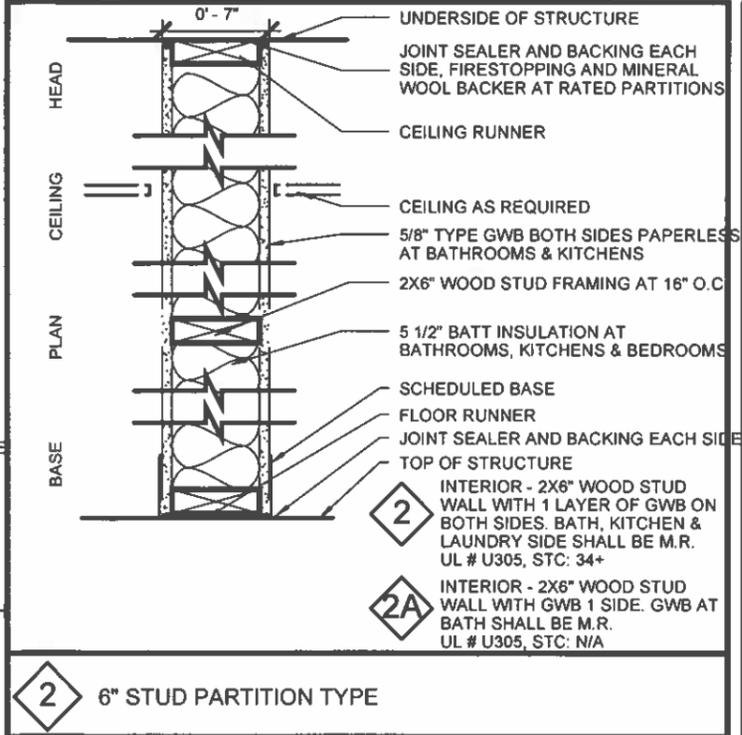
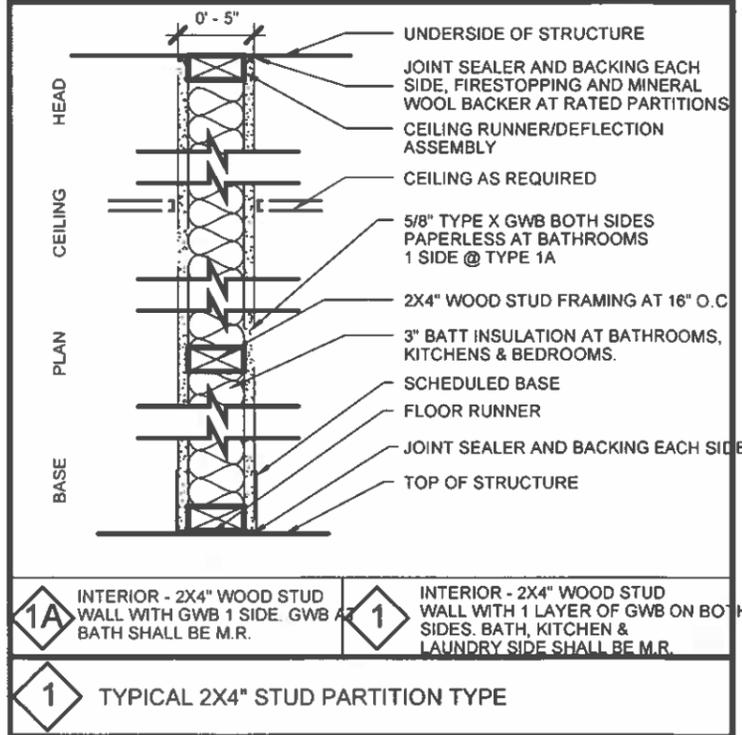
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No.	Description	Date

Window & Door Details		A400
Project number	Project number	
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	Scale



Climate Zone Requirements	
CLIMATE ZONE:	5
FENESTRATION U-FACTOR:	0.30i
SKYLIGHT U-FACTOR:	0.55
GLAZED FENESTRATION:	0.4
CEILING R-VALUE:	60
WOOD FRAME WALL R-VALUE:	30 or 20 + 5cih
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

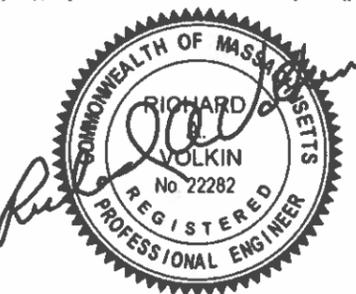


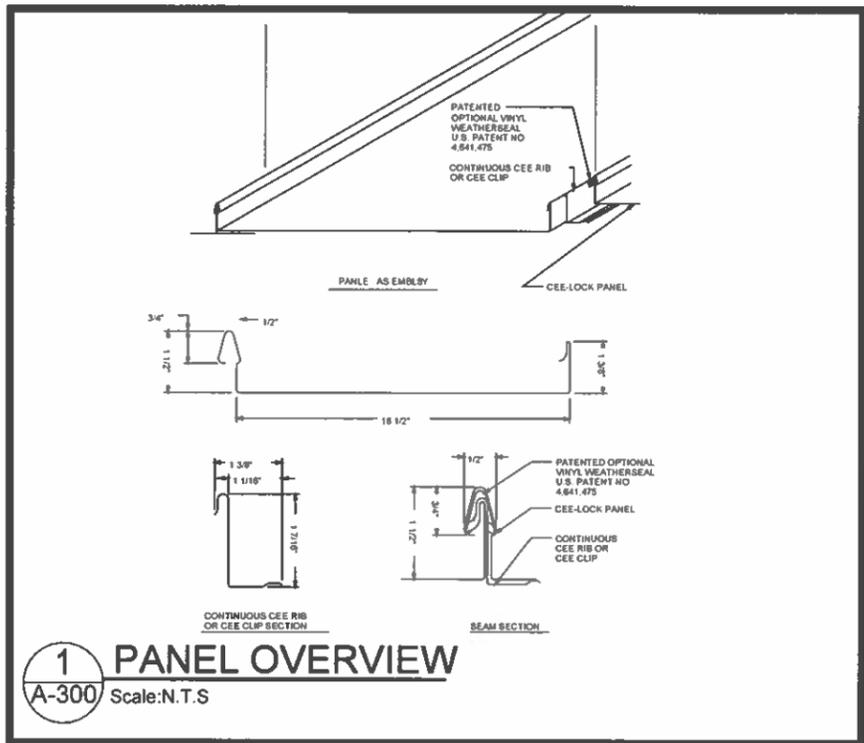
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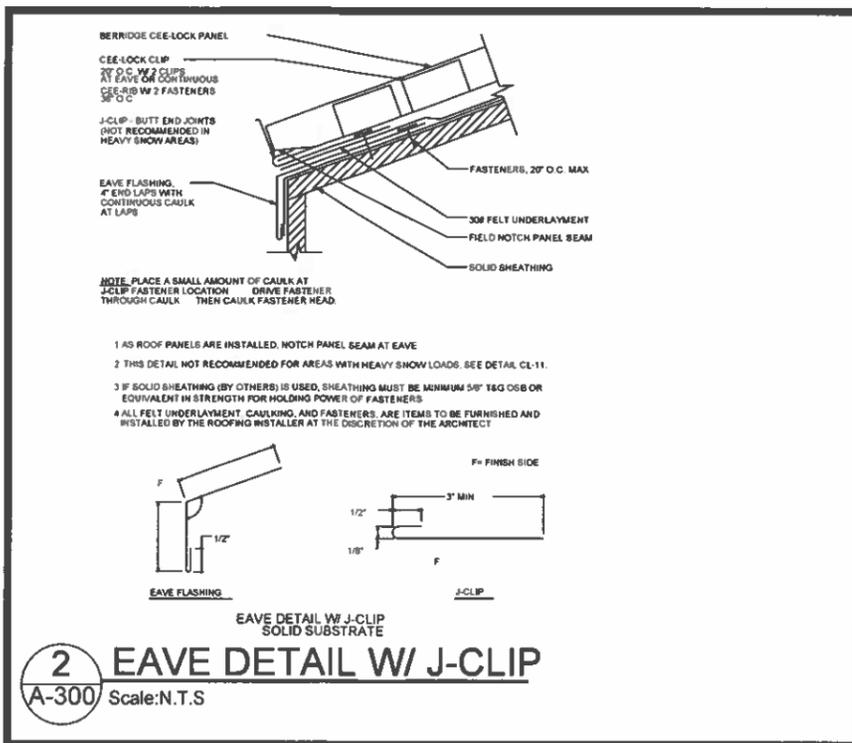
No.	Description	Date

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

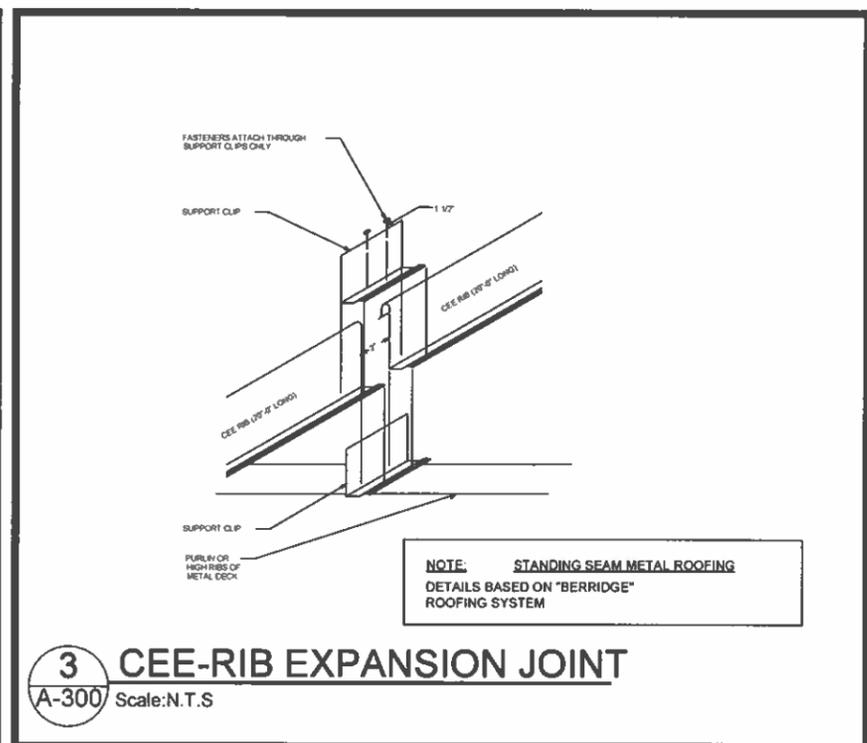




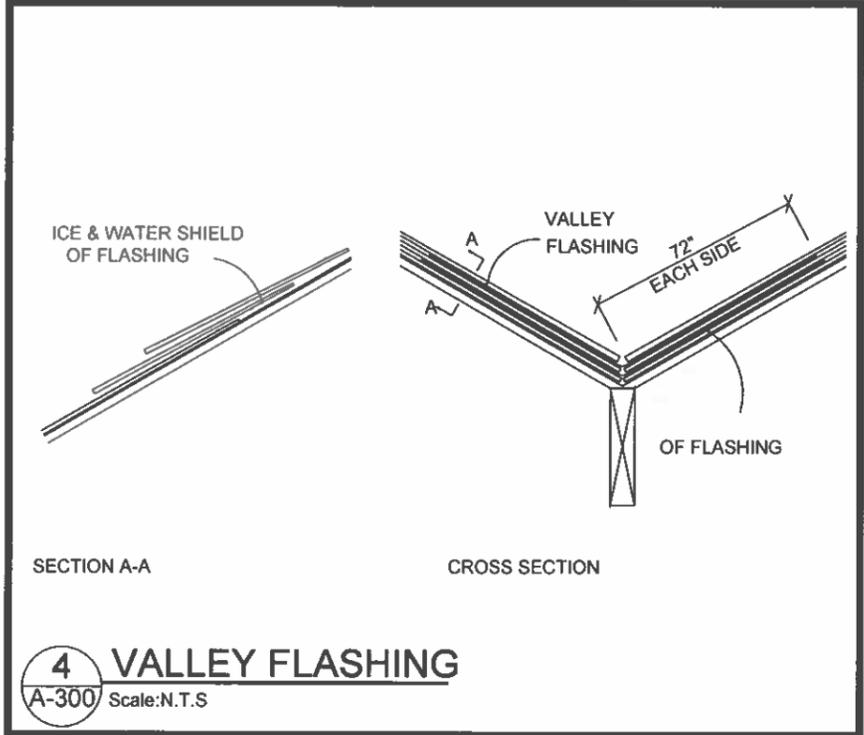
1 PANEL OVERVIEW
A-300 Scale:N.T.S



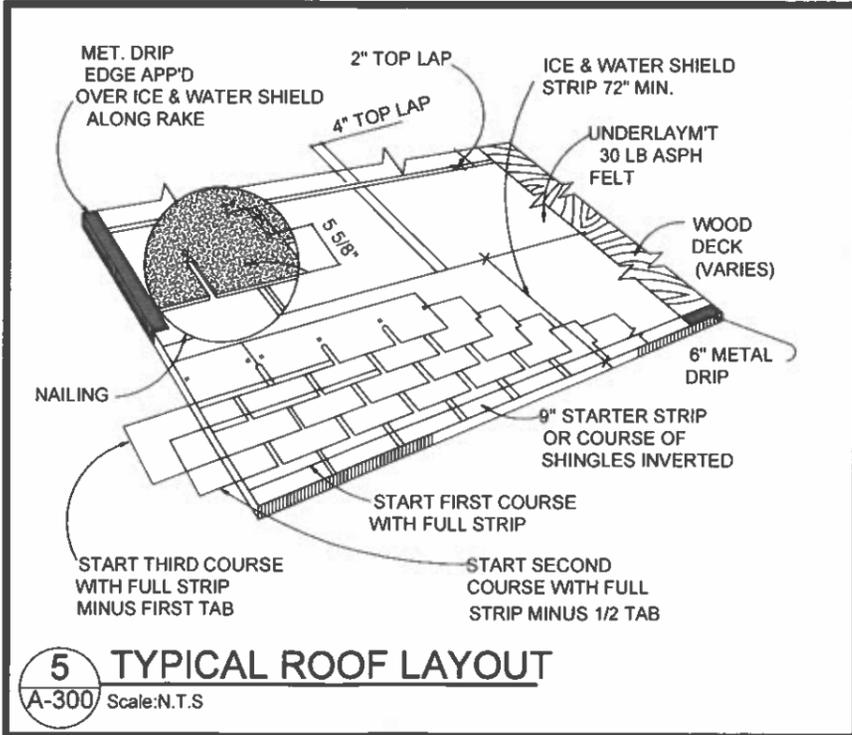
2 EAVE DETAIL W/ J-CLIP
A-300 Scale:N.T.S



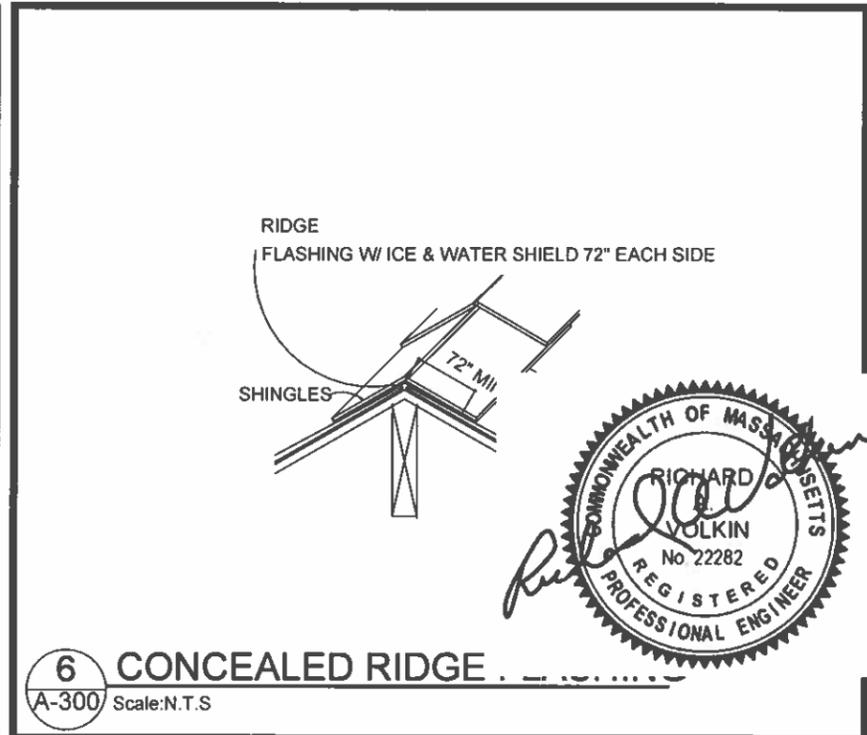
3 CEE-RIB EXPANSION JOINT
A-300 Scale:N.T.S



4 VALLEY FLASHING
A-300 Scale:N.T.S



5 TYPICAL ROOF LAYOUT
A-300 Scale:N.T.S

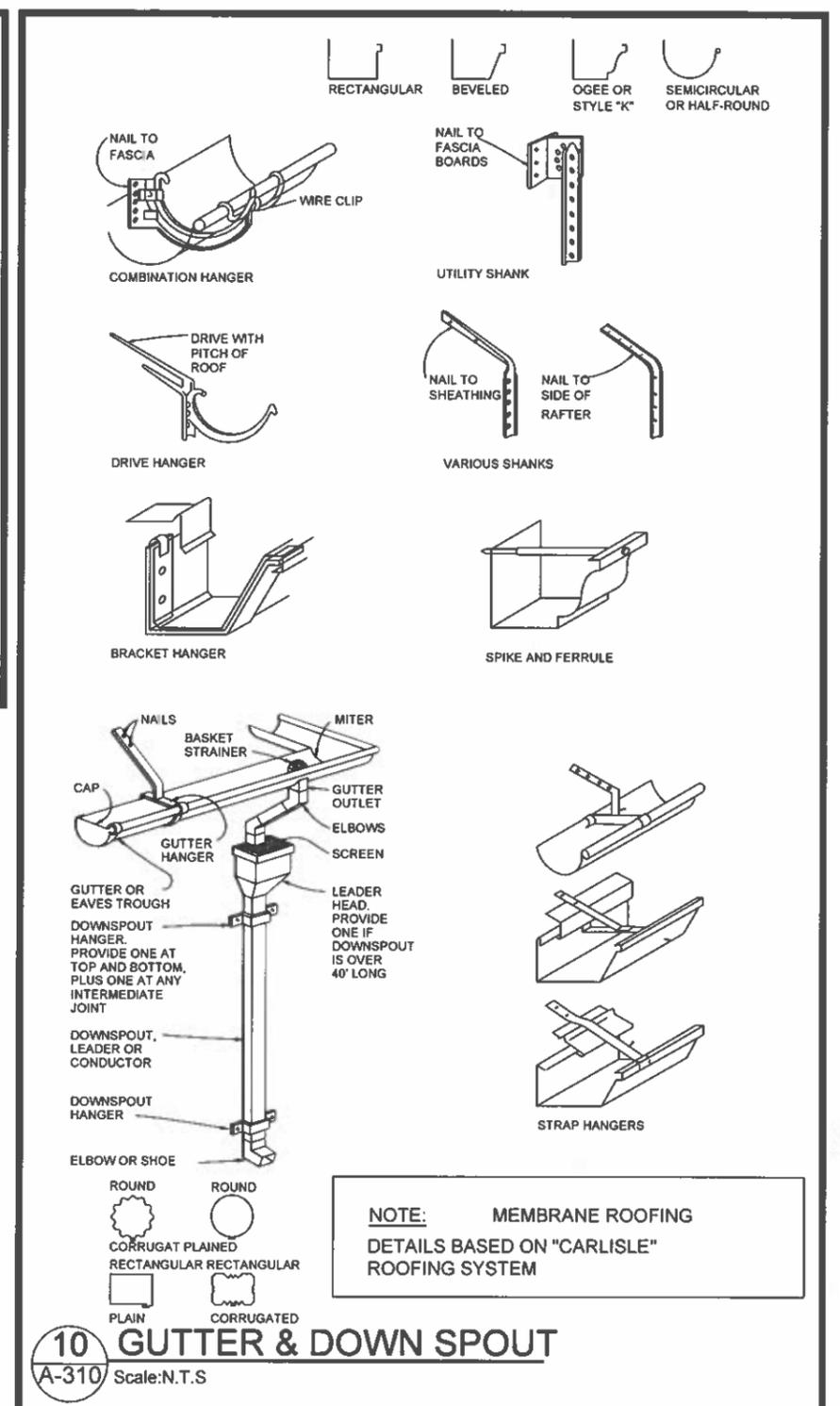
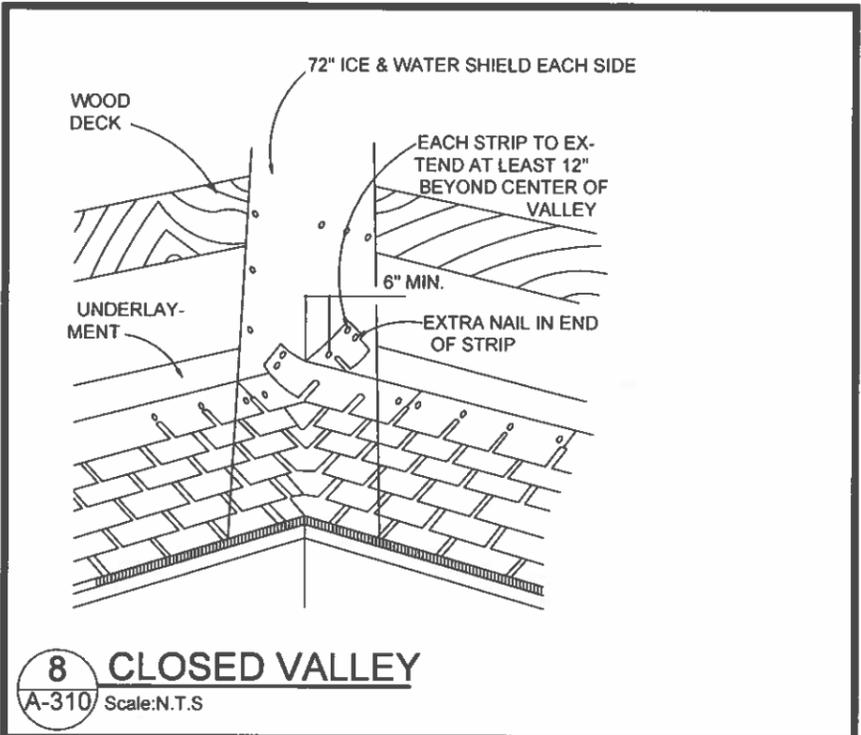
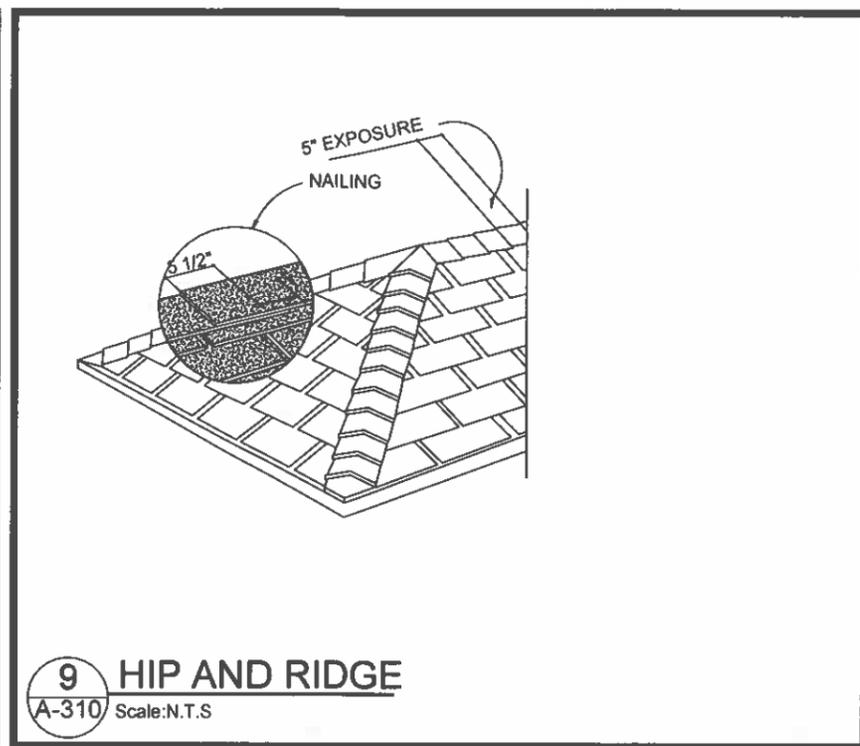
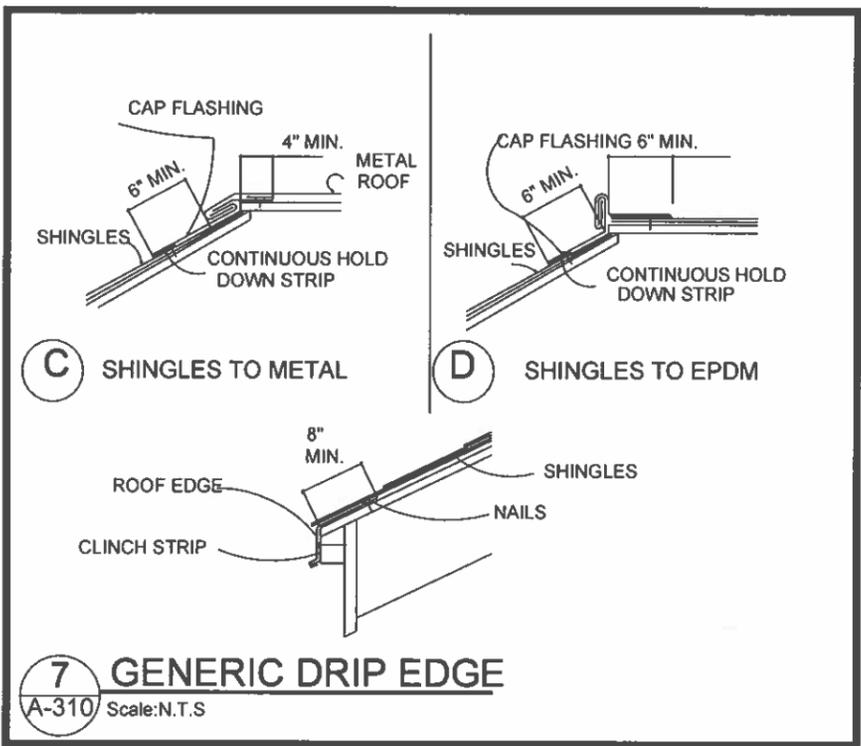


6 CONCEALED RIDGE
A-300 Scale:N.T.S

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No.	Description	Date

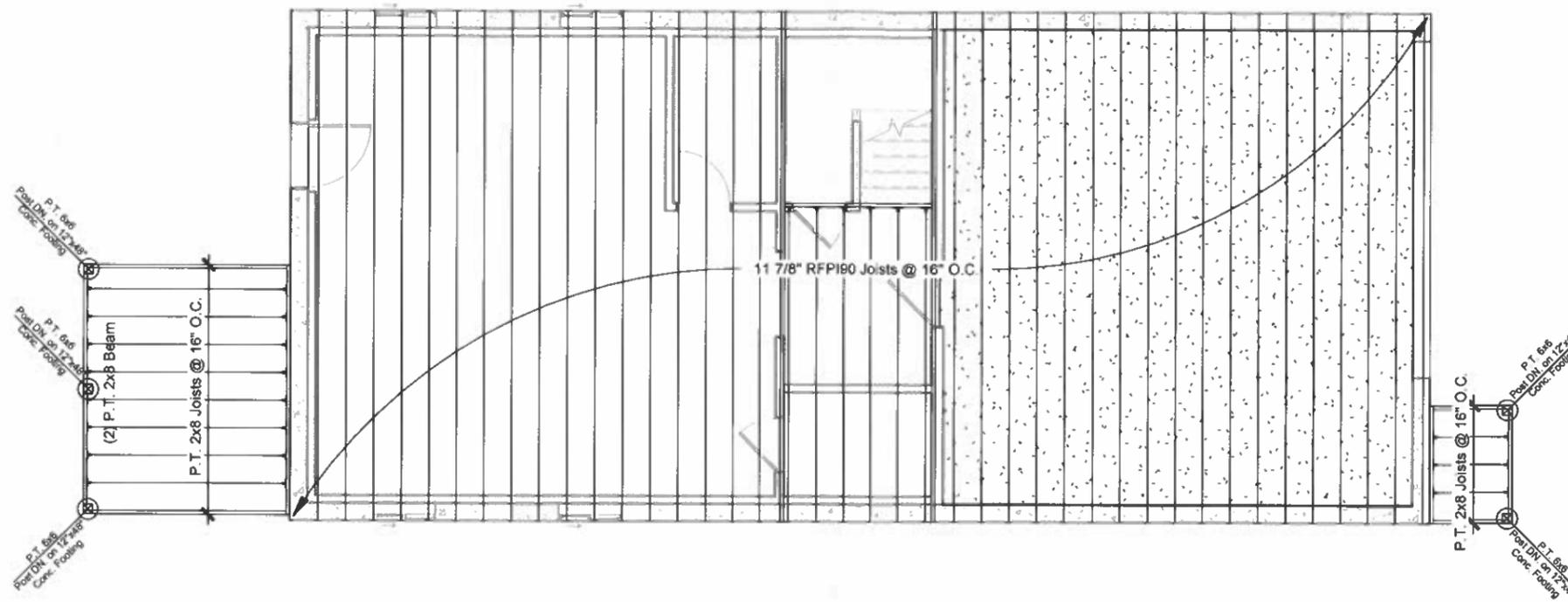
Typical Roof Details I		A700
Project number	Project number	
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale		



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No.	Description	Date

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



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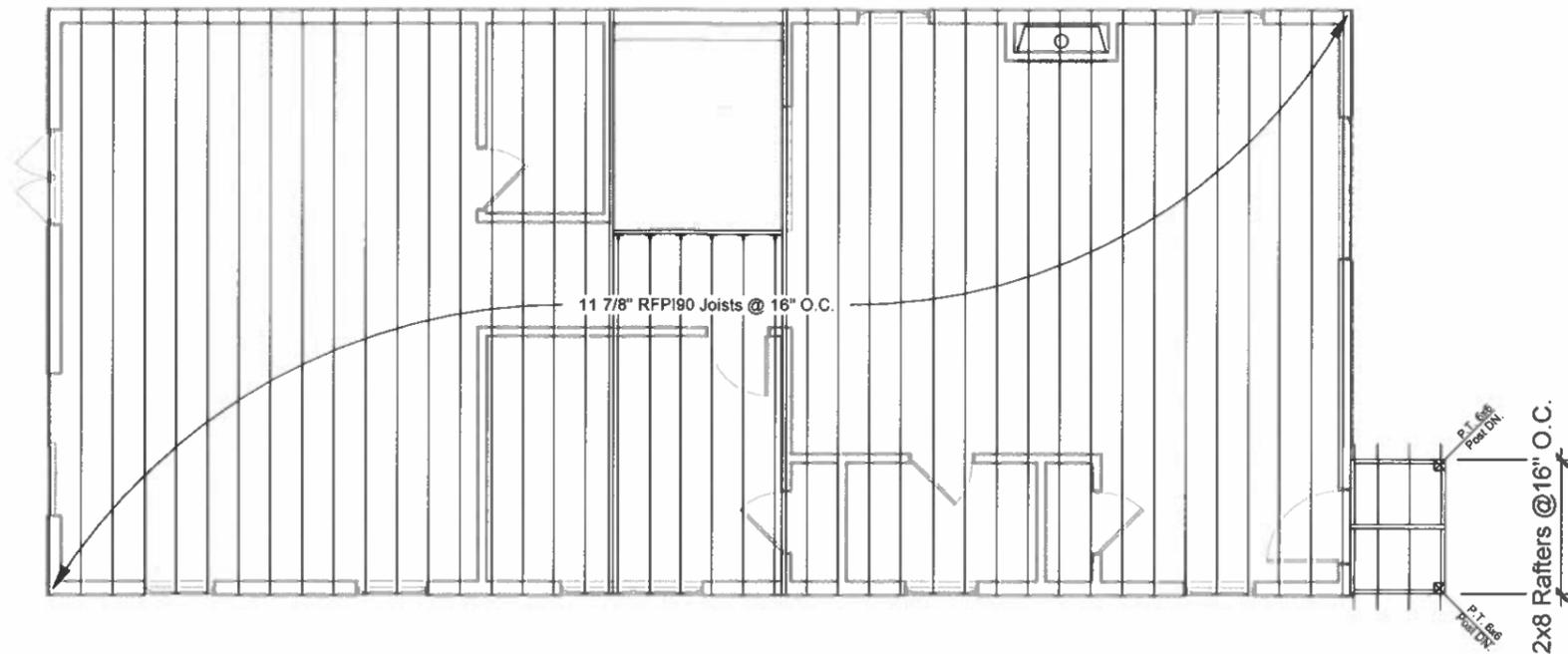
No.	Description	Date

First Floor Framing

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

S100

Scale 1/8" = 1'-0"



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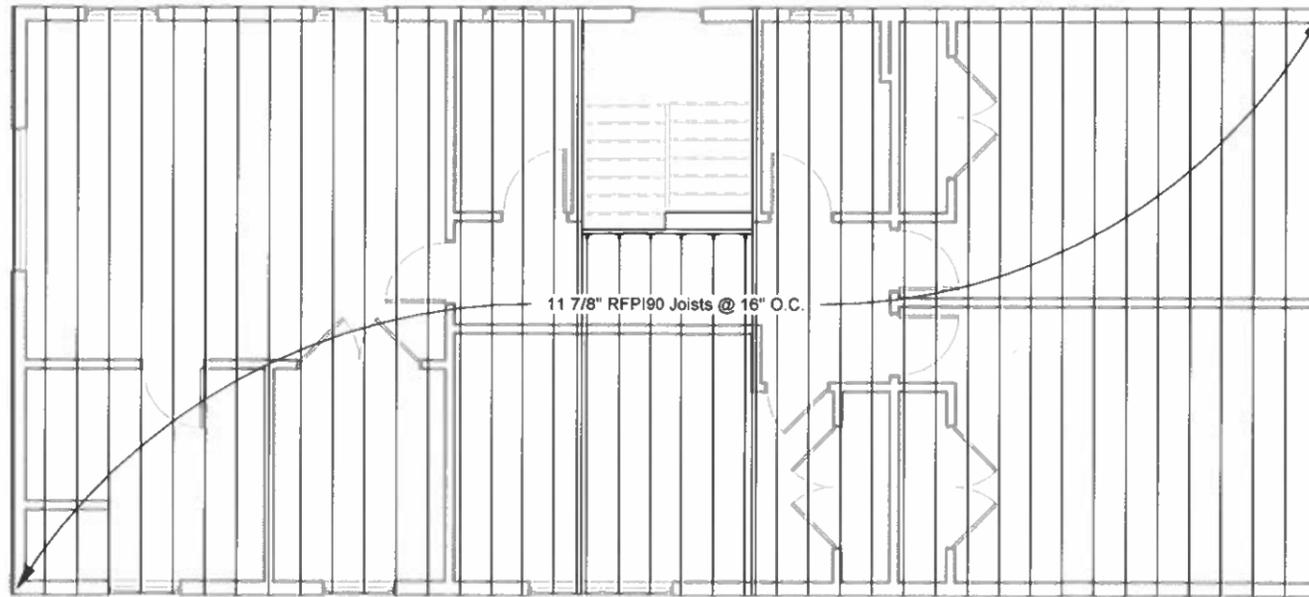
No.	Description	Date

Second Floor Framing

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

S101

Scale 1/8" = 1'-0"



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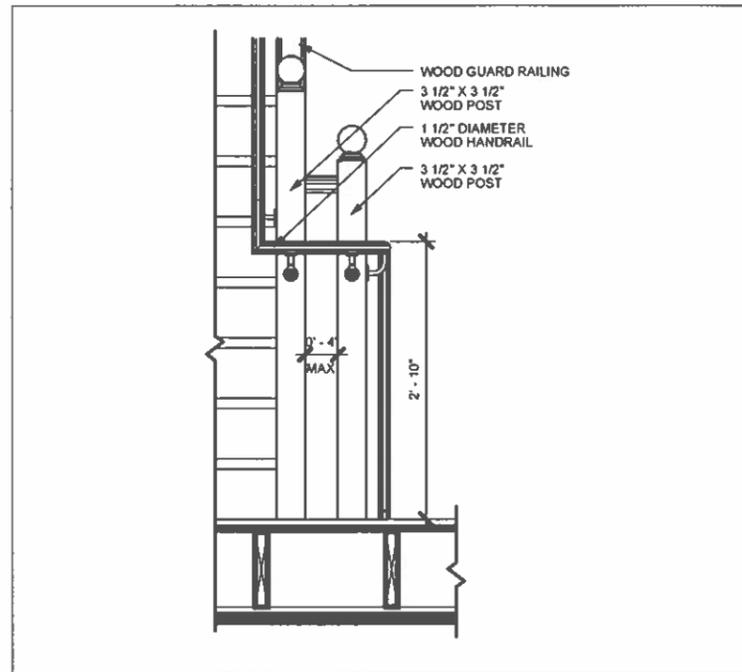
No.	Description	Date

Attic Framing

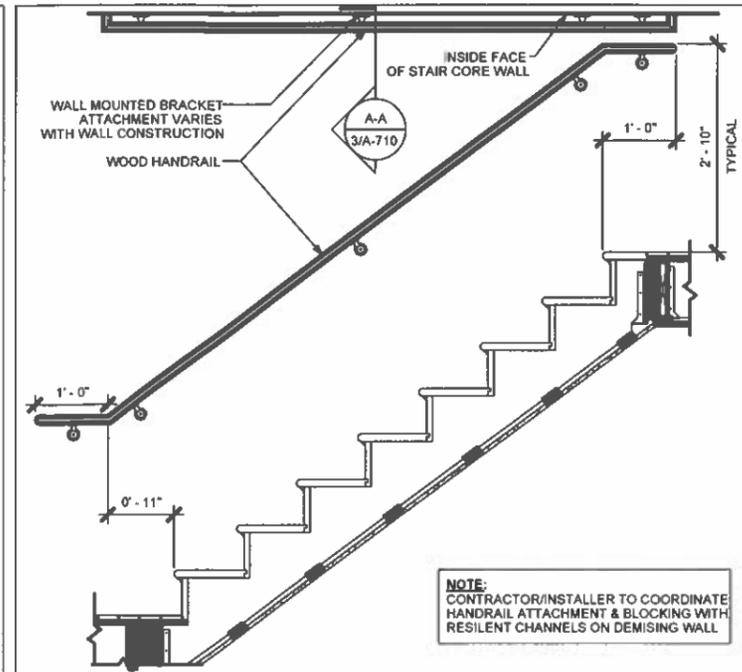
Project number	Project number
Date	06/28/24
Drawn by	Author
Checked by	Checker

S102

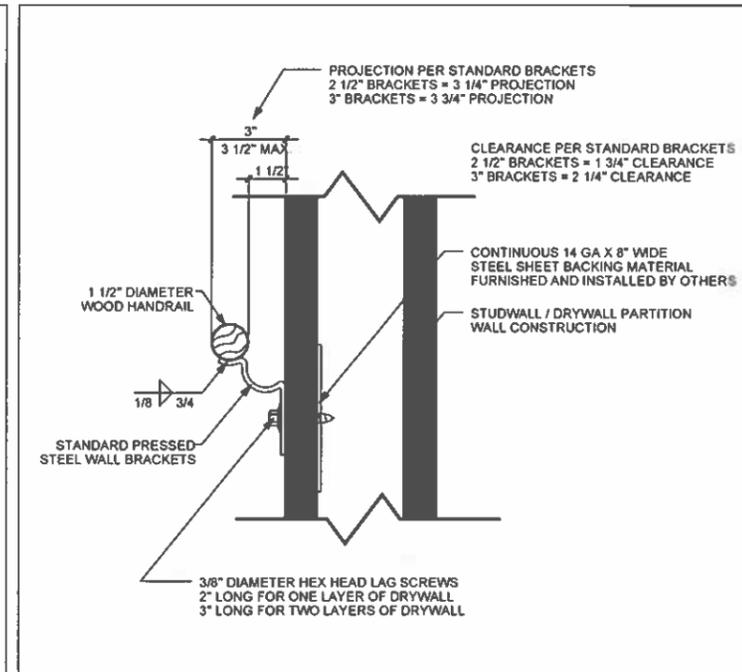
Scale 1/8" = 1'-0"



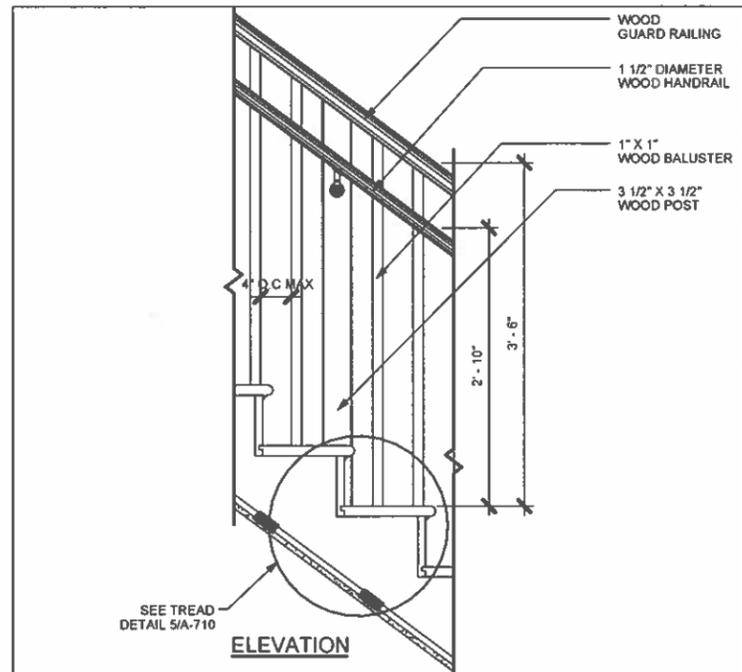
1 PICKET RAIL TRANS. BETWEEN LANDINGS
A-400 SCALE: N.T.S.



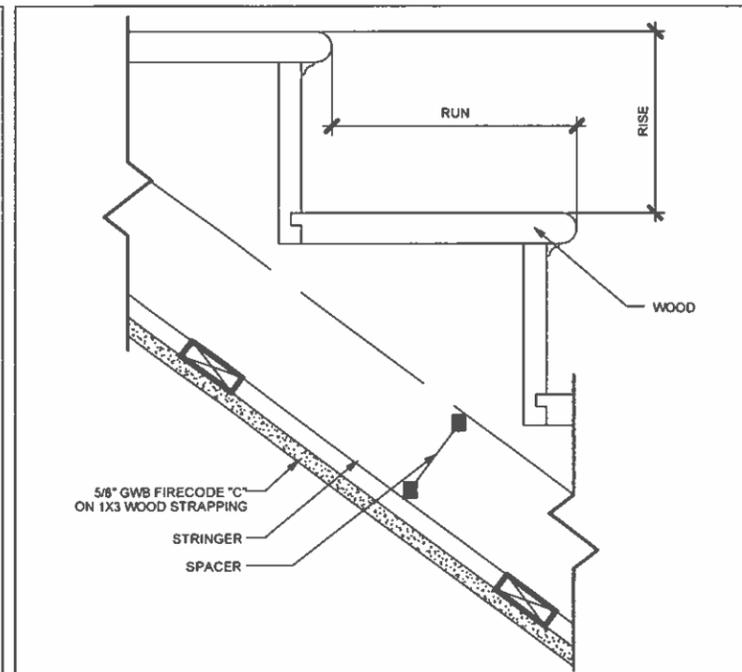
2 TYPICAL WALL RAIL
A-400 SCALE: N.T.S.



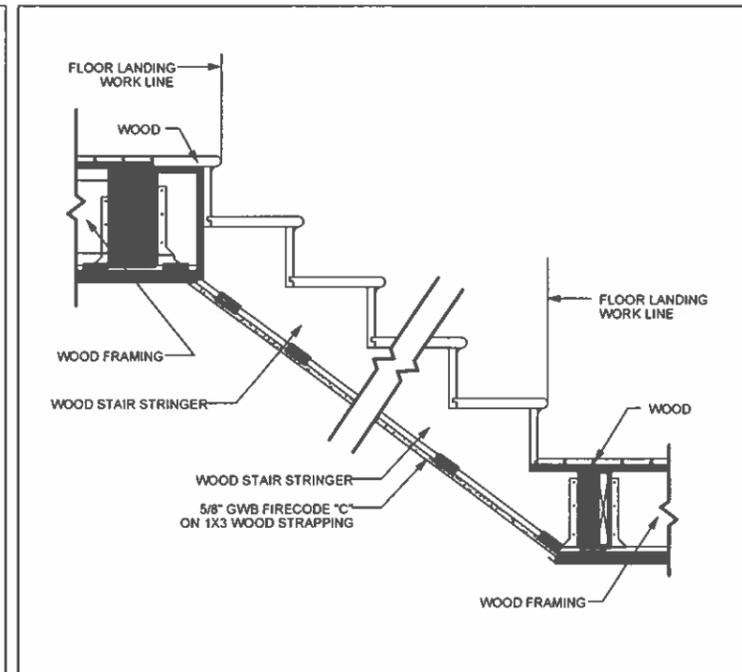
3 WALL HANDRAIL BRACKET MOUNTING DETAIL
A-400 SCALE: N.T.S.



4 PICKET RAIL INTERMEDIATE POST
A-400 SCALE: N.T.S.



5 WOOD STAIR DETAIL
A-400 SCALE: N.T.S.



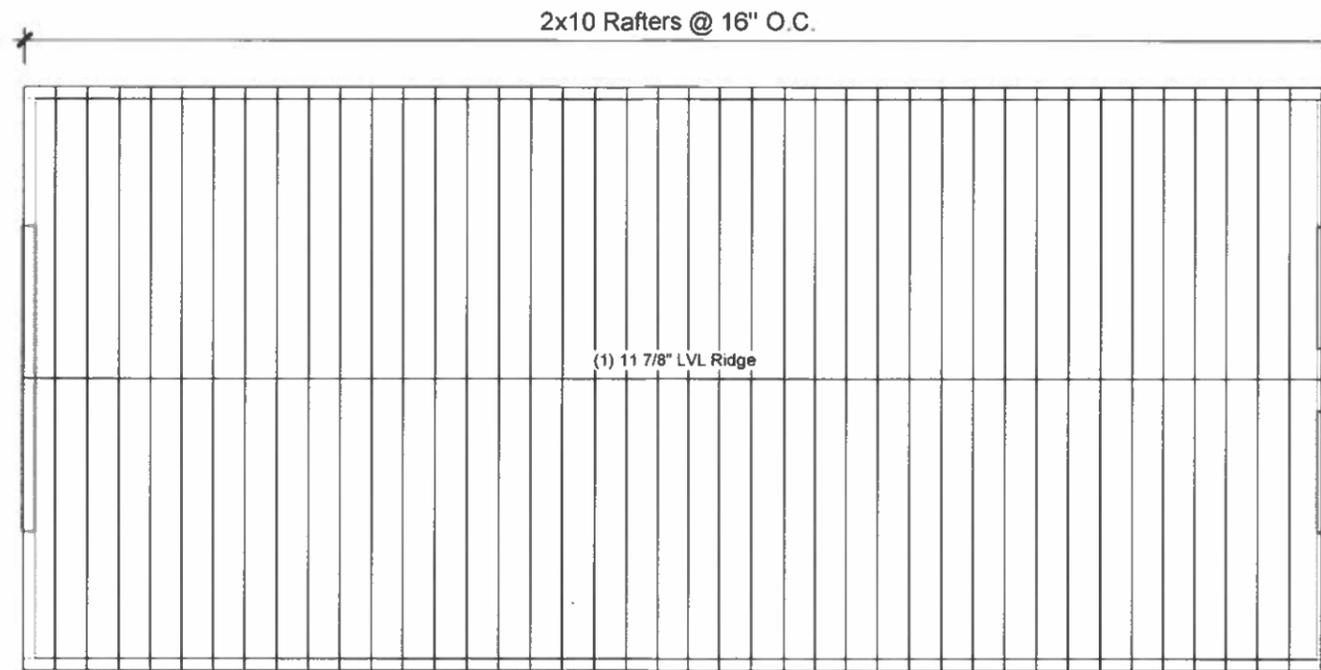
6 TYPICAL STAIR SECTION
A-400 SCALE: N.T.S.



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No.	Description	Date

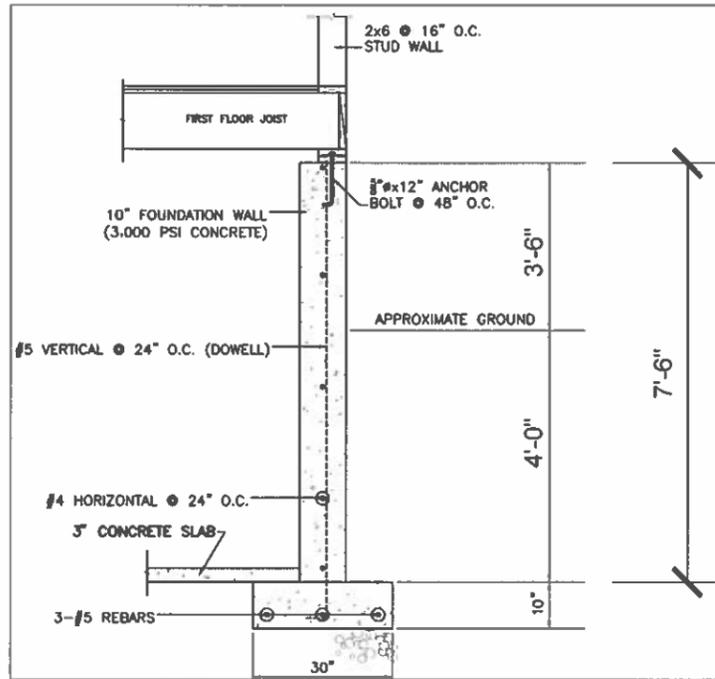
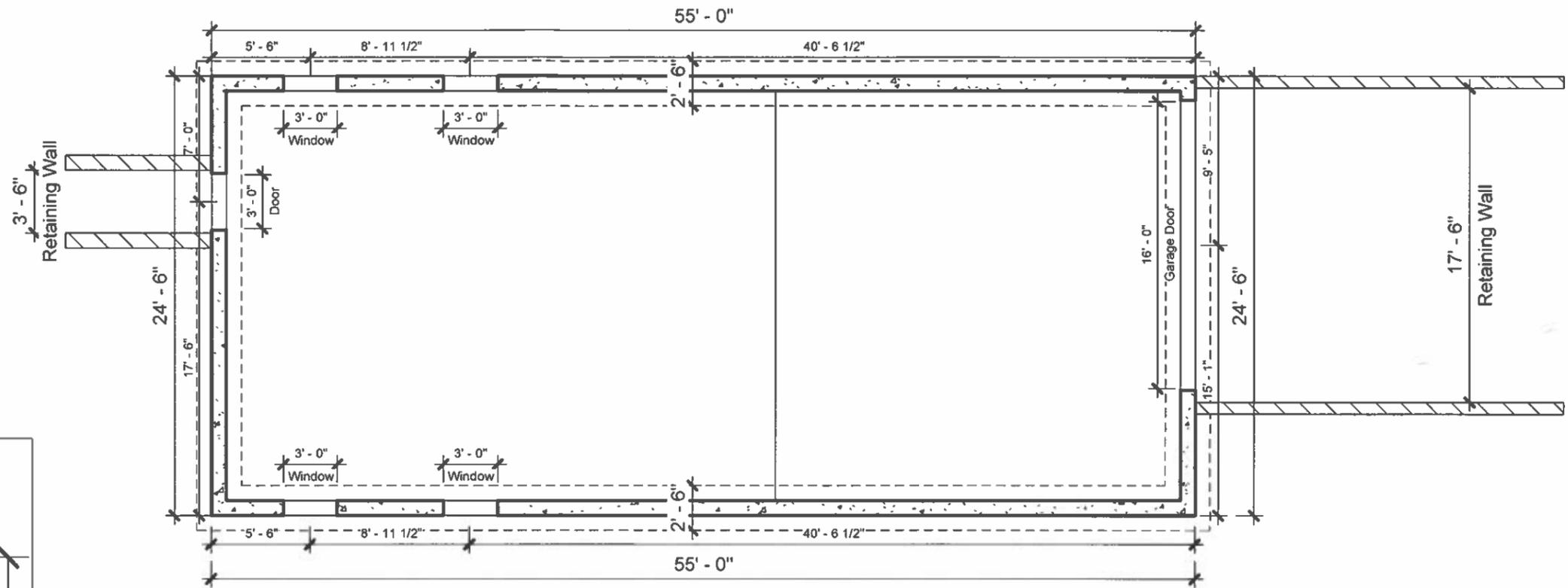
Typical Stair Details		A600
Project number	Project number	
Date	06/28/24	
Drawn by	Author	
Checked by	Checker	
Scale		



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

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



46 Hamilton Rd, Belmont, MA.

No.	Description	Date

Foundation Plan

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

S200

Scale 1/8" = 1'-0"