

APPLICABLE COLORADO CODES

- 2018 INTERNATIONAL BUILDING CODE
- 2018 INTERNATIONAL RESIDENTIAL CODE
- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2018 INTERNATIONAL ENERGY CONSERVATIVE CODE
- 2020 NATIONAL ELECTRIC CODE
- 8 CCR 1302-14 ADMINISTRATIVE RULES

DESIGN CRITERIA

SITE LOCATION:

LA PLATA COUNTY, CO ELEVATION: 6500 FT LATITUDE: 37.70 N

CLIMATE ZONE: 5B

- | | |
|-------------------------|--|
| 1. OCCUPANCY CLASS | R-3 |
| 2. TYPE OF CONSTRUCTION | V-B |
| 3. GROUND SNOW LOAD | 57.0 PSF |
| 4. ROOF SNOW LOAD | 40.0 PSF |
| 5. WIND SPEED (Vult) | 115 MPH (EXPOSURE C) |
| 6. WIND SPEED (Vasd) | 90 |
| 7. SPECIAL WIND ZONE | NO |
| 8. SEISMIC CATEGORY | B |
| 9. WEATHERING | SEVERE |
| 10. FROST LINE DEPTH | 32" |
| 11. TERMITE | YES |
| 12. WINTER DESIGN TEMP | 4° F |
| 13. SUMMER DESIGN TEMP | 86° F |
| 14. FLOOD HAZARDS | DETERMINED BY LOCAL AUTHORITY HAVING JURISDICTION AND PROJECT LOCATION |

NOTE:

THIS STRUCTURE MUST NOT BE SITED IN A LOCATION THAT EXCEEDS THE LISTED DESIGN CRITERIA. ITEMS INSTALLED ON SITE ARE NOT INSPECTED BY, OR ARE THE RESPONSIBILITY OF, THE MANUFACTURER. THIS INCLUDES, BUT IS NOT LIMITED TO, INTERIOR AND EXTERIOR LIGHT BULBS, WHOLE HOUSE VENTILATION SYSTEMS, BLOWER DOOR TESTING, COMMUNICATION TERMINAL, PLUMBING CONNECTIONS TO MAIN WASTE DRAIN, STAIR RAILINGS, AND APPLIANCES.

AN AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED IN ONE AND TWO FAMILY DWELLINGS AND TOWNHOUSES AS REQUIRED BY THE LOCAL JURISDICTION WHERE THE HOME WILL BE SET.

NO SITE PROVIDED BY MANUFACTURER. MINIMUM ALLOWABLE SETBACK DISTANCES TO PROPERTY LINES OR ADJACENT BUILDINGS ON THE SAME LOT SHALL BE COORDINATED BY ARCHITECT OF RECORD, OR CIVIL ENGINEER.

GENERAL NOTES

- THESE DRAWINGS AND THE DESIGN SHOWN HAVE BEEN PREPARED FOR THIS SPECIFIC PROJECT AND IS THE SOLE PROPERTY OF FADING WEST BUILDING SYSTEMS, LLC. ANY REPRODUCTION, COPYING, OR USE BY OTHERS, FOR THIS PROJECT OR ANY OTHER IS PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF FADING WEST BUILDING SYSTEMS, LLC. ANY PROHIBITED USE OF THESE DRAWINGS IS SUBJECT TO LEGAL ACTION.
- SCOPE OF WORK NOT COMPLETED IN THE FACTORY IS DESIGNATED WITH COLOR CODIFICATION AND IS NOT A PART OF THIS SUBMITTAL PACKAGE. ITEMS TO BE INSTALLED OR CONSTRUCTED ON SITE ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR OR OWNER.
- THESE PLANS SHOW ONE ORIENTATION OF THE PROPOSED DESIGN. UNITS MAY BE MIRRORED ON SITE TO ACCOMMODATE SITE PLANS AS NECESSARY. IN THE CASE WHERE THIS DESIGN IS MIRRORED, ALL DIMENSIONS, LOCATIONS, AND COMPONENTS SHALL BE THE SAME RELATIVE TO THE NEW ORIENTATION OF THE PLAN AND ELEVATIONS.
- PROJECTS DESIGNED TO NEWER CODES THAN THE 2018 IRC/IBC SHALL COMPLY WITH BOTH 2018 AND NEWER CODE, ADHERING TO THE STRICTER OF THE TWO WHERE APPLICABLE.

IGNACIO - ROCK CREEK

SHAVANO MASTER UNIT SET



ARCH SHEET LIST	
Sheet Number	Sheet Name
A002	COVER PAGE
A005	ASSEMBLIES
A100	FLOOR PLANS - LEVEL 1
A101	FLOOR PLAN - LEVEL 2
A400	WINDOW/DOOR SCHEDULES
A900	STITCH DETAILS
ARCH PLAN L1	DOORS, WINDOWS, CABINETS, ETC.

STRUCTURAL SHEET LIST	
Sheet Number	Sheet Name
S100	FLOOR FRAMING - L1
S130	CEILING FRAMING - L1
S010	FOUNDATION PLAN
S120	EXT. WALL FRAMING ELEV - L1
S125	EXT. WALL FRAMING ELEV - L2
S000	GENERAL NOTES

MEP SHEET LIST	
Sheet Number	Sheet Name
E-200	ELECTRICAL FLOOR PLANS
M-200	MECHANICAL CRAWL PLAN
M-201	MECHANICAL FLOOR PLANS
P-200	PLUMBING LEGEND
P-201	PLUMBING FLOOR PLANS
P-202	PLUMBING ISO VIEWS
X-200	MEP DETAILS AND SCHEDULES
X-201	MEP DETAILS AND SCHEDULES

INSULATION R-VALUES:

PER 2018 IECC TABLE C402.1.3

TABLE R402.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a

CLIMATE ZONE	FENESTRATION U-FACTOR ^b	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{b, c}	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE ^e	FLOOR R-VALUE	BASEMENT ^d WALL R-VALUE	SLAB ^d R-VALUE & DEPTH	CRAWL SPACE ^c WALL R-VALUE
1	NR	0.75	0.25	30	13	3/4	13	0	0	0
2	0.40	0.65	0.25	38	13	4/6	13	0	0	0
3	0.32	0.55	0.25	38	20 or 13+5 ^f	8/13	19	5/13 ^f	0	5/13
4 except Marine	0.32	0.55	0.40	49	20 or 13+5 ^f	8/13	19	10/13	10, 2 ft	10/13
5 and Marine 4	0.30	0.55	NR	49	20 or 13+5 ^f	13/17	30 ^g	15/19	10, 2 ft	15/19
6	0.30	0.55	NR	49	20+5 ^h or 13+10 ^h	15/20	30 ^g	15/19	10, 4 ft	15/19
7 and 8	0.30	0.55	NR	49	20+5 ^h or 13+10 ^h	19/21	38 ^g	15/19	10, 4 ft	15/19



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LA PLATA COUNTY, CO

DESCRIPTION

COVER PAGE

A002



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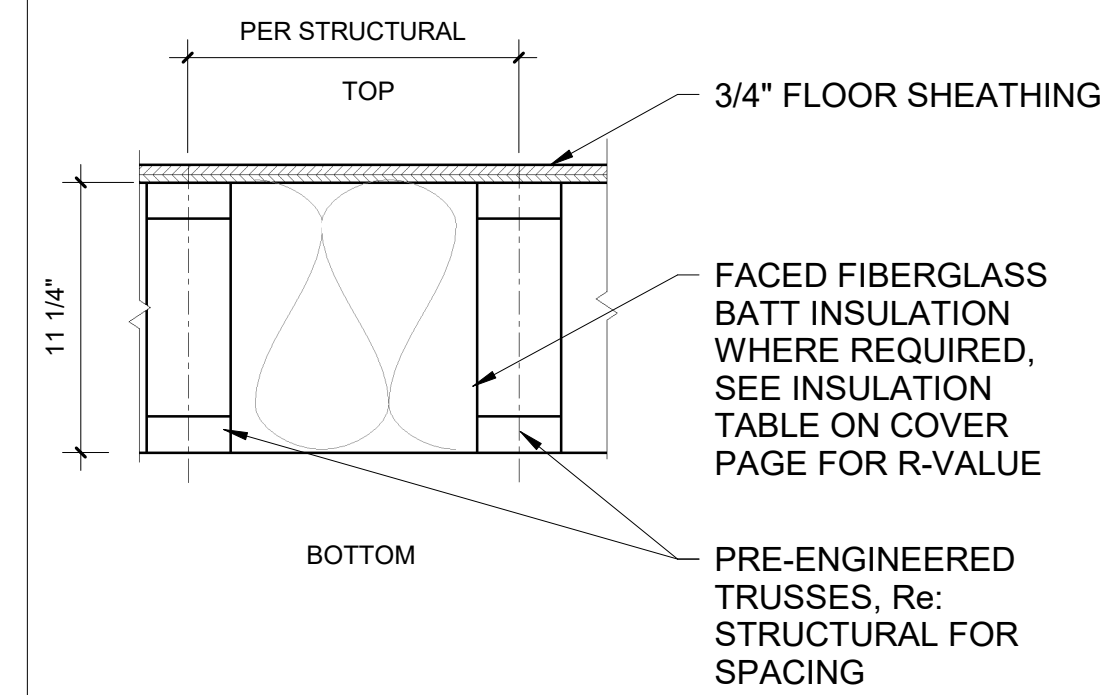
ROCK CREEK

LA PLATA COUNTY, CO

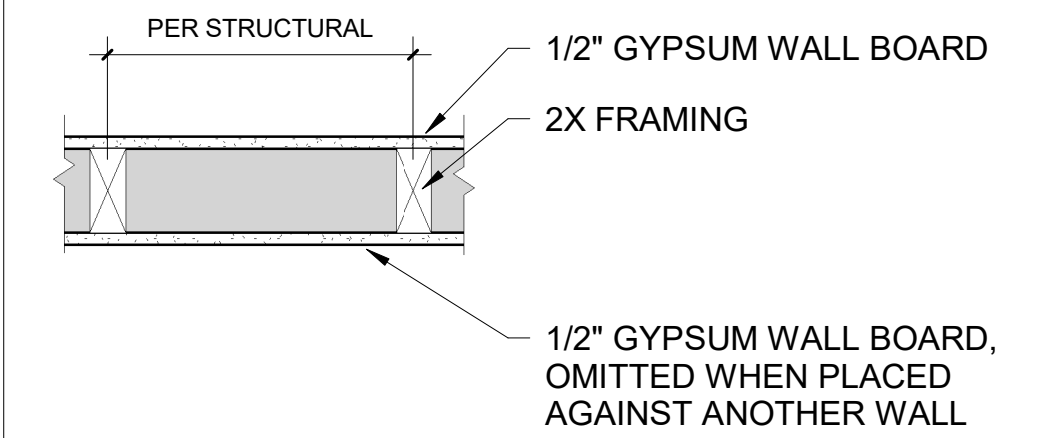
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ASSEMBLIES

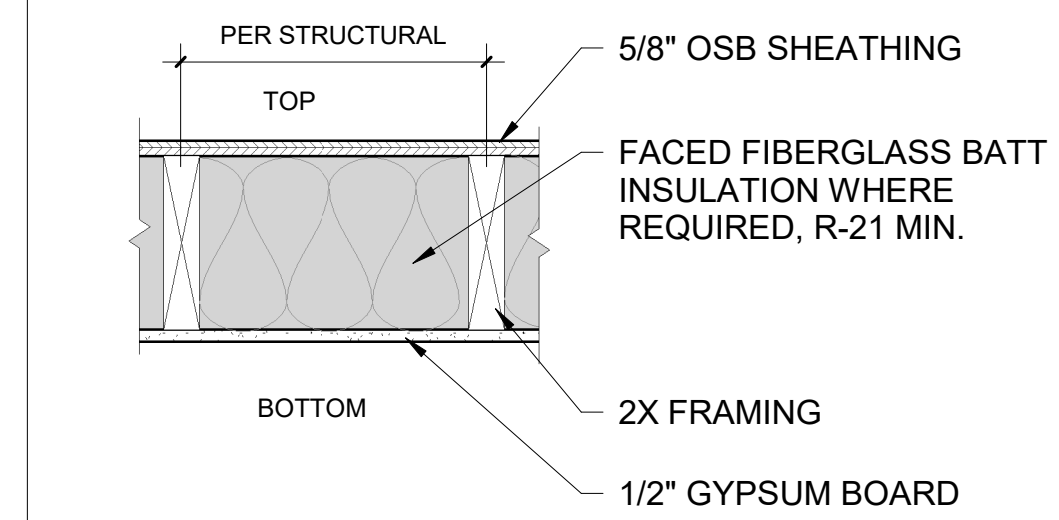
A005



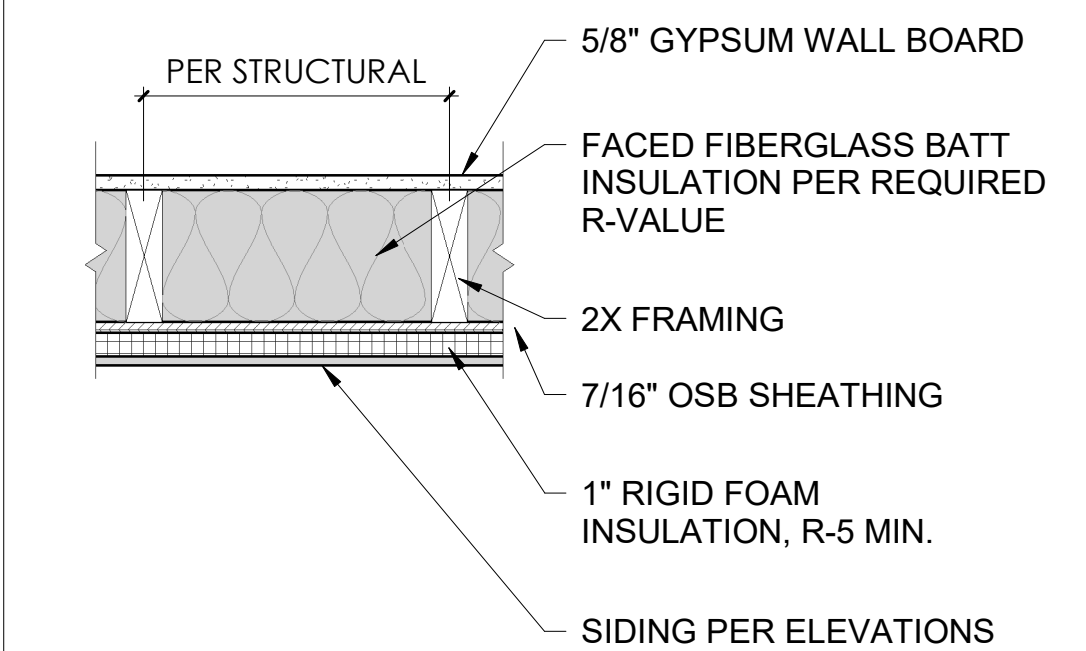
F STANDARD FLOOR CASSETTE



B STANDARD INTERIOR WALL
(ALL WALLS INTERIOR OF THE OUTER MOST WALLS)



E STANDARD CEILING CASSETTE



A STANDARD EXTERIOR WALL



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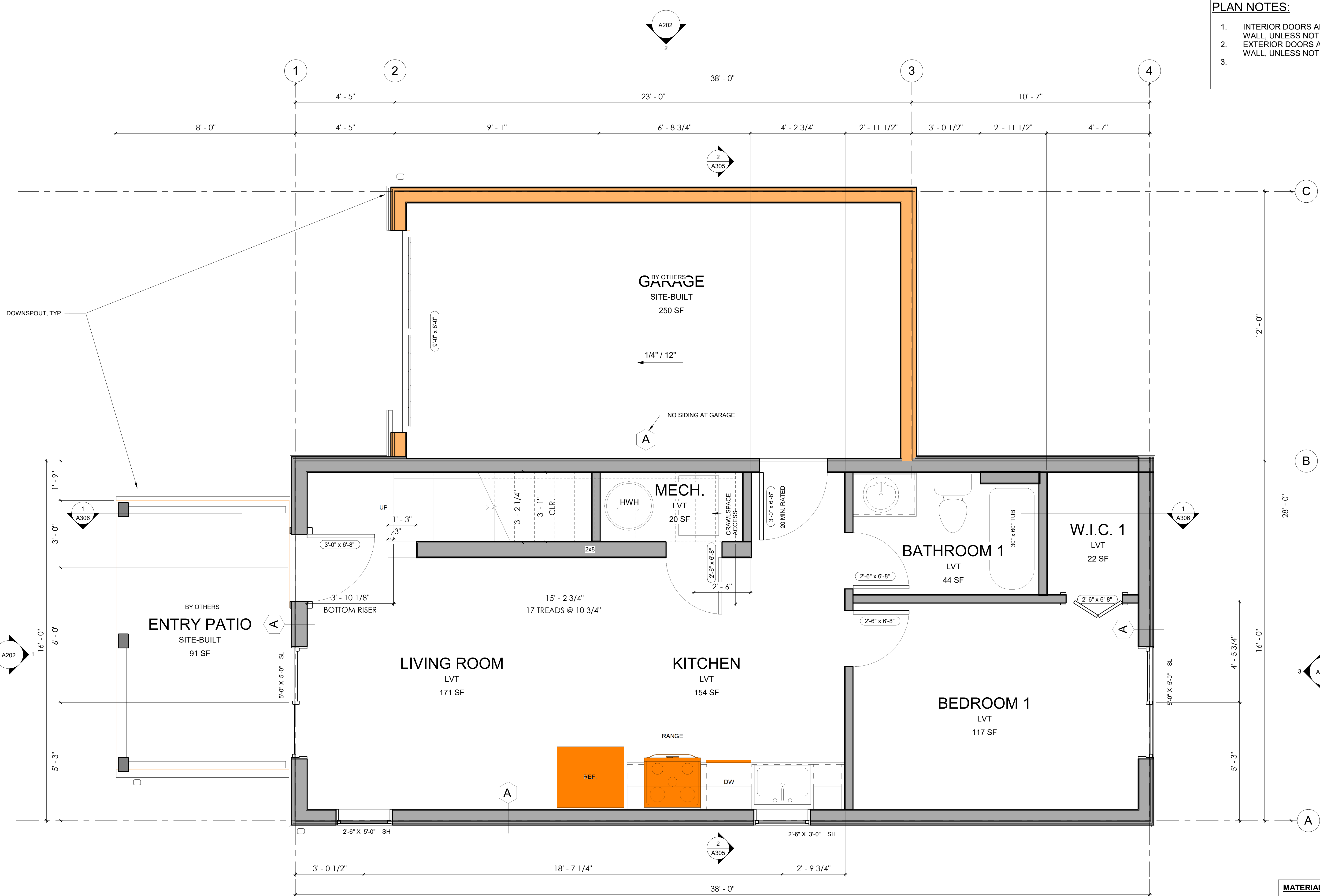
LA PLATA COUNTY, CO

REV DATE DESCRIPTION

FLOOR PLANS - LEVEL 1

A100

- PLAN NOTES:**
- INTERIOR DOORS ARE LOCATED 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
 - EXTERIOR DOORS ARE FRAMED 7" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
 -

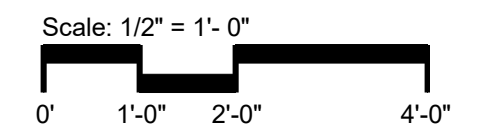


MATERIAL LEGEND - SITE INSTALLED

SITE INSTALLED NOTE

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FACTORY INSTALLED NOTE



1 LEVEL 1 FLOOR PLAN
1/2" = 1'-0"



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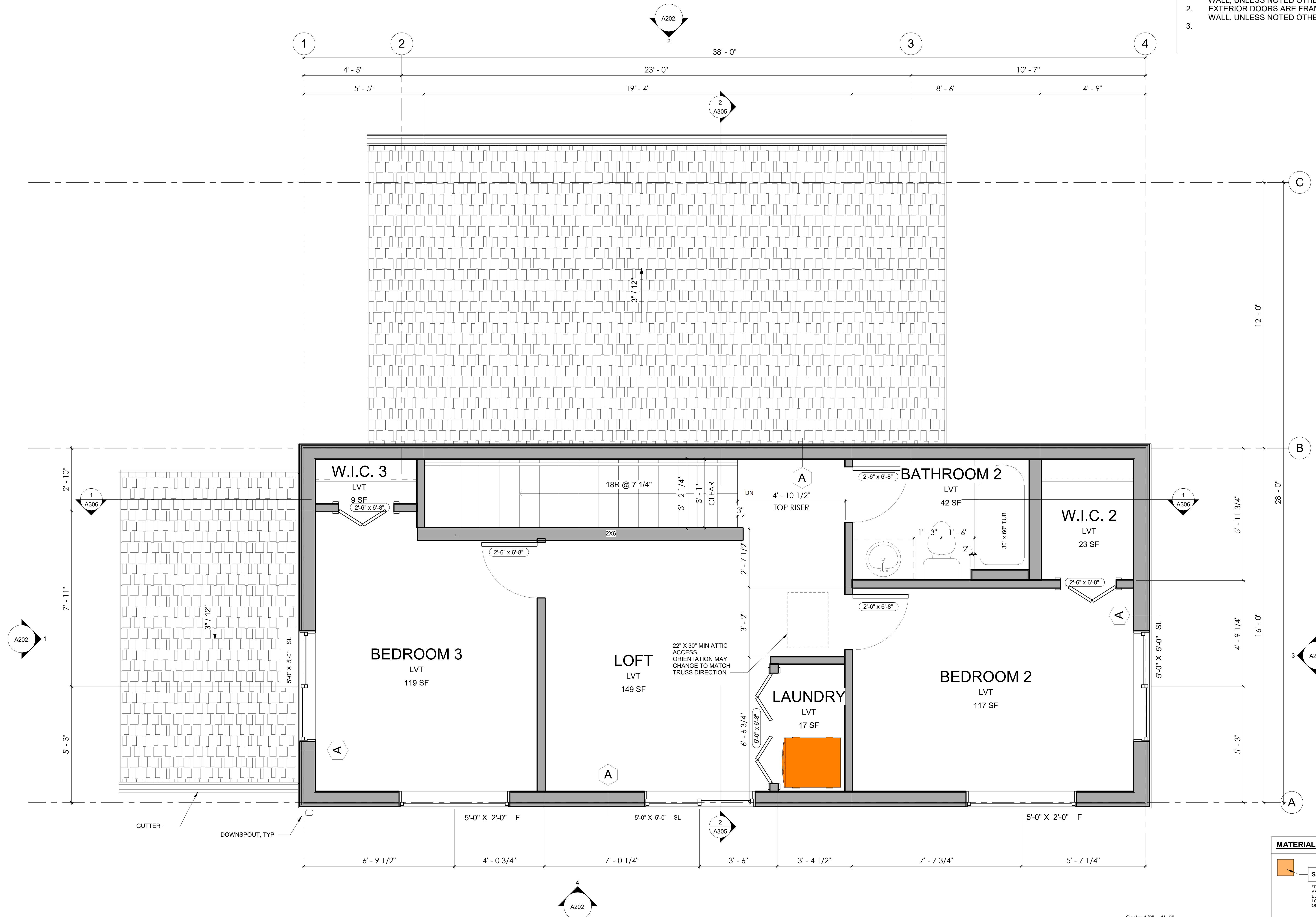
REV DATE DESCRIPTION

FLOOR PLAN - LEVEL 2

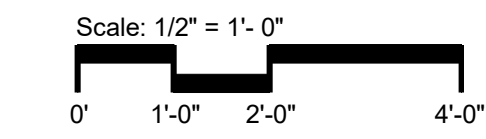
A101

PLAN NOTES:

1. INTERIOR DOORS ARE LOCATED 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
2. EXTERIOR DOORS ARE FRAMED 7" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
- 3.



1 LEVEL 2 FLOOR PLAN
1/2" = 1'-0"



MATERIAL LEGEND - SITE INSTALLED

- SITE INSTALLED NOTE**
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- FACTORY INSTALLED NOTE**



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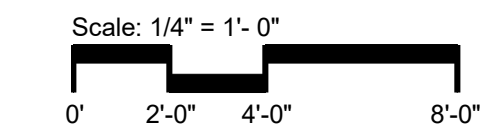
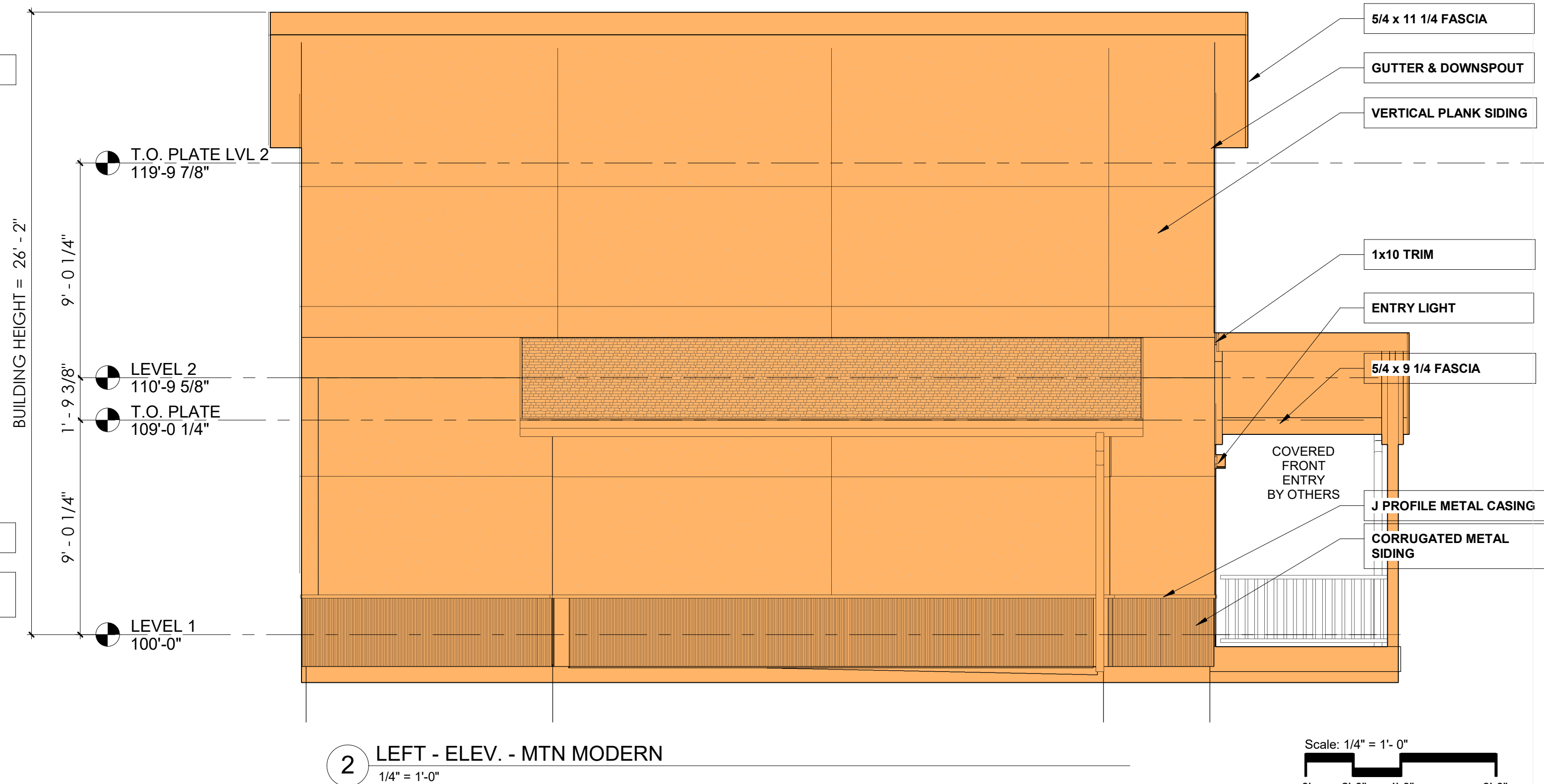
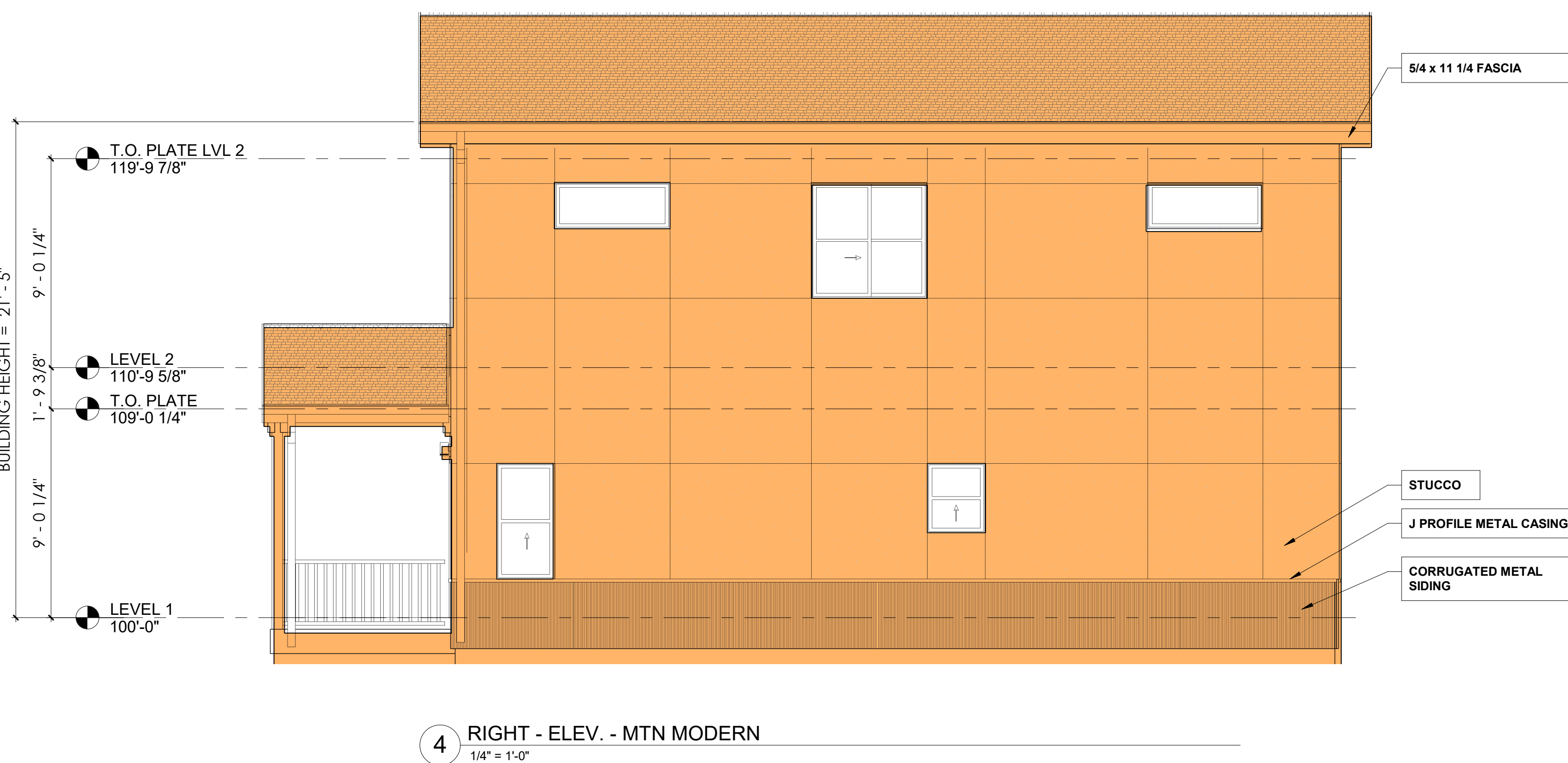
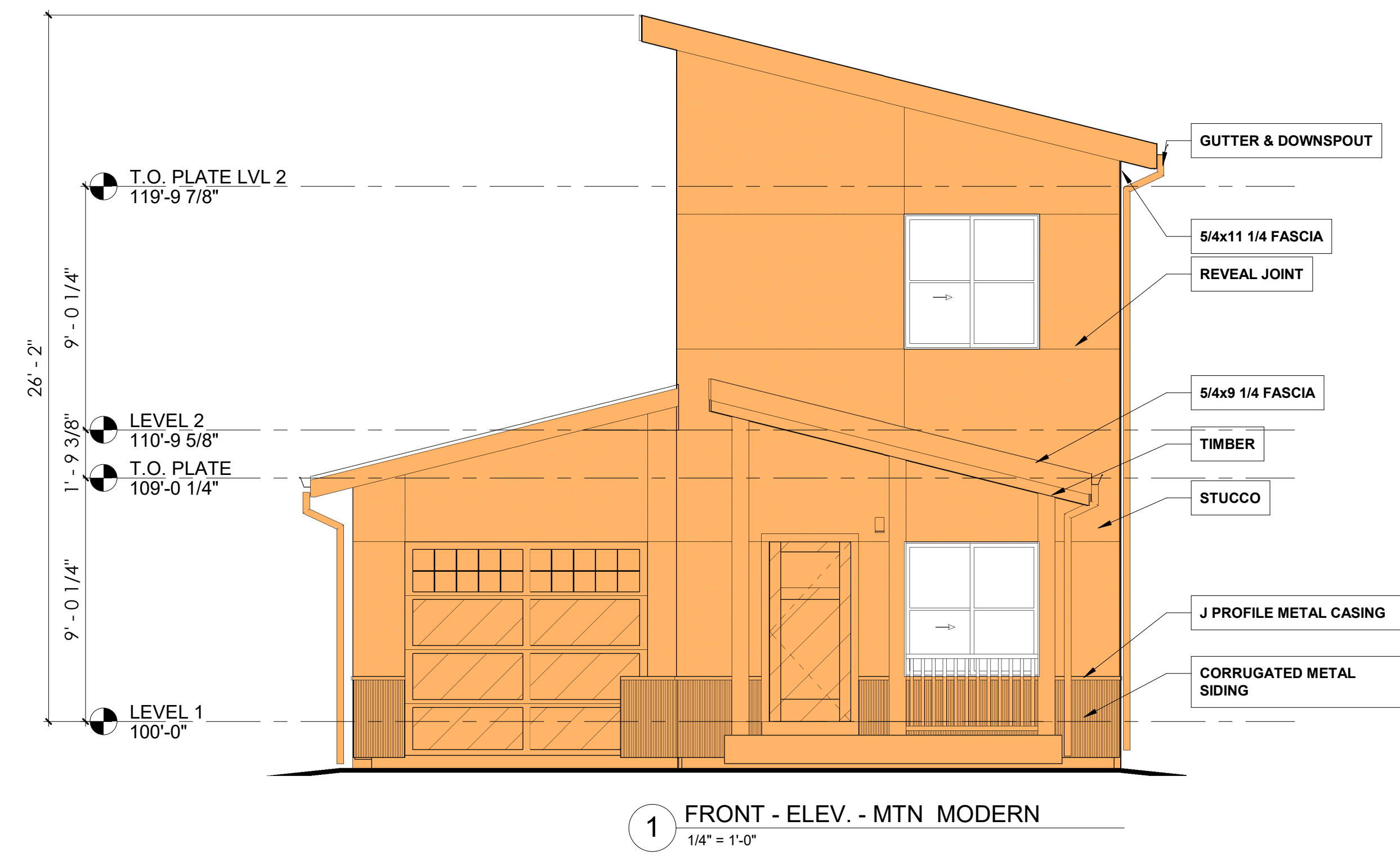
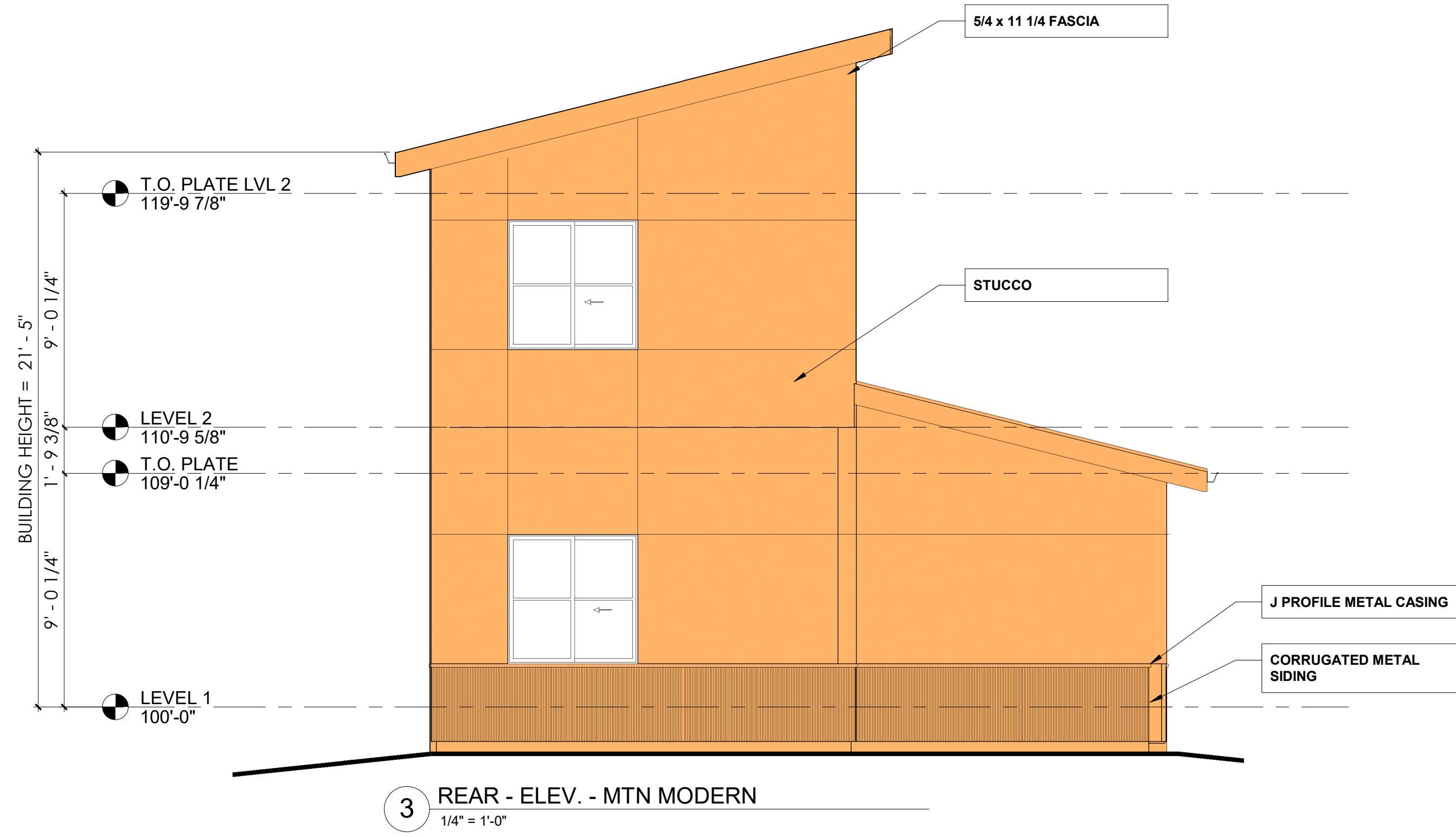
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ROCK CREEK
LA PLATA COUNTY, CO

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ELEVATIONS

A202





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LA PLATA COUNTY, CO

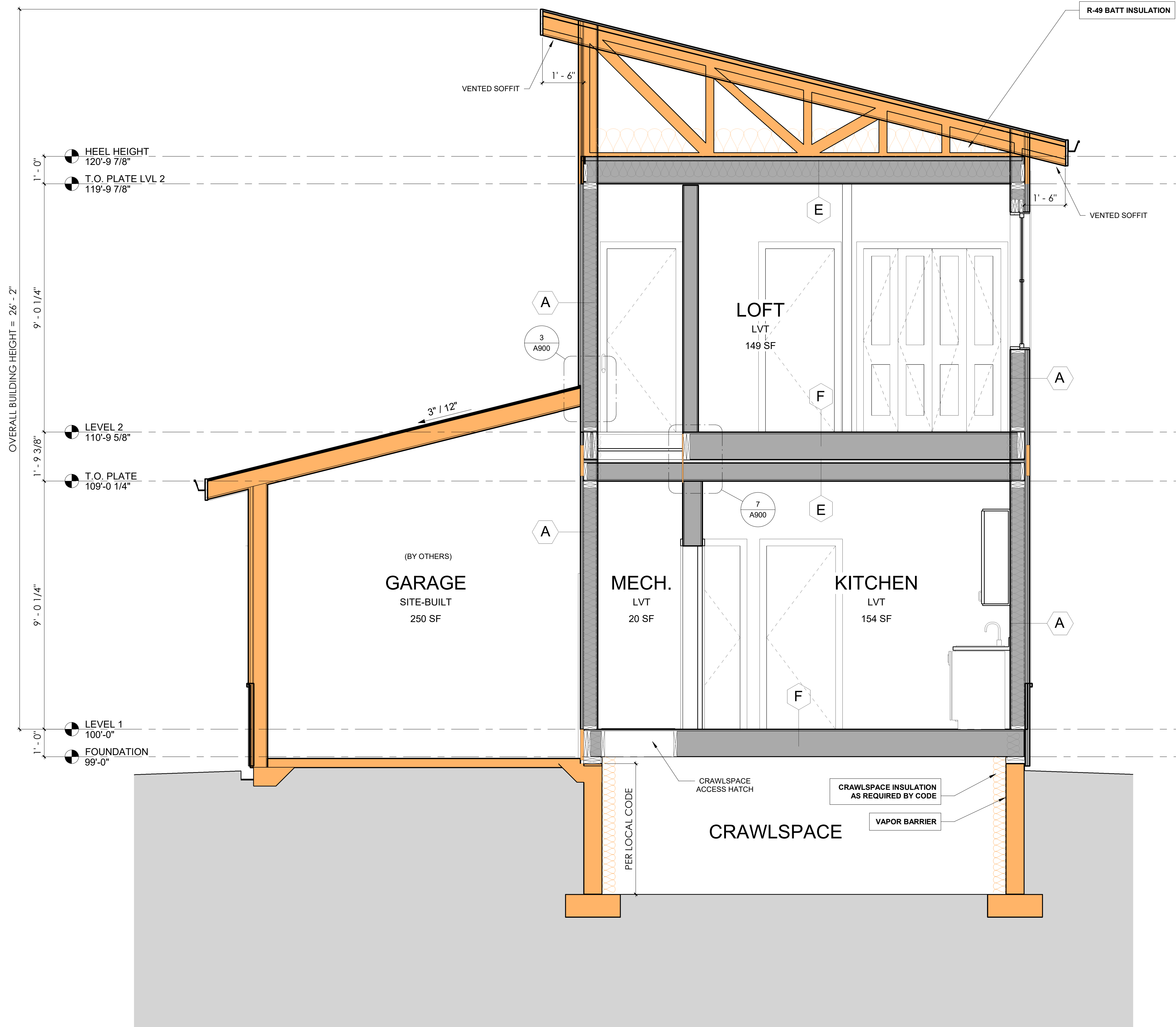
REV	DATE	DESCRIPTION

BLDG SECTIONS

A305

MATERIAL LEGEND - SITE INSTALLED

	SITE INSTALLED NOTE
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	FACTORY INSTALLED NOTE



OVERALL BUILDING HEIGHT = 26' - 2"

HEEL HEIGHT 120'-9 7/8"

T.O. PLATE LVL 2 119'-9 7/8"

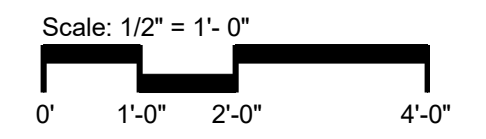
LEVEL 2 110'-9 5/8"

T.O. PLATE 109'-0 1/4"

LEVEL 1 100'-0"

FOUNDATION 99'-0"

2 BLDG SECTION - CROSS SECTION
1/2" = 1'-0"





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REV	DATE	DESCRIPTION

BLDG SECTIONS

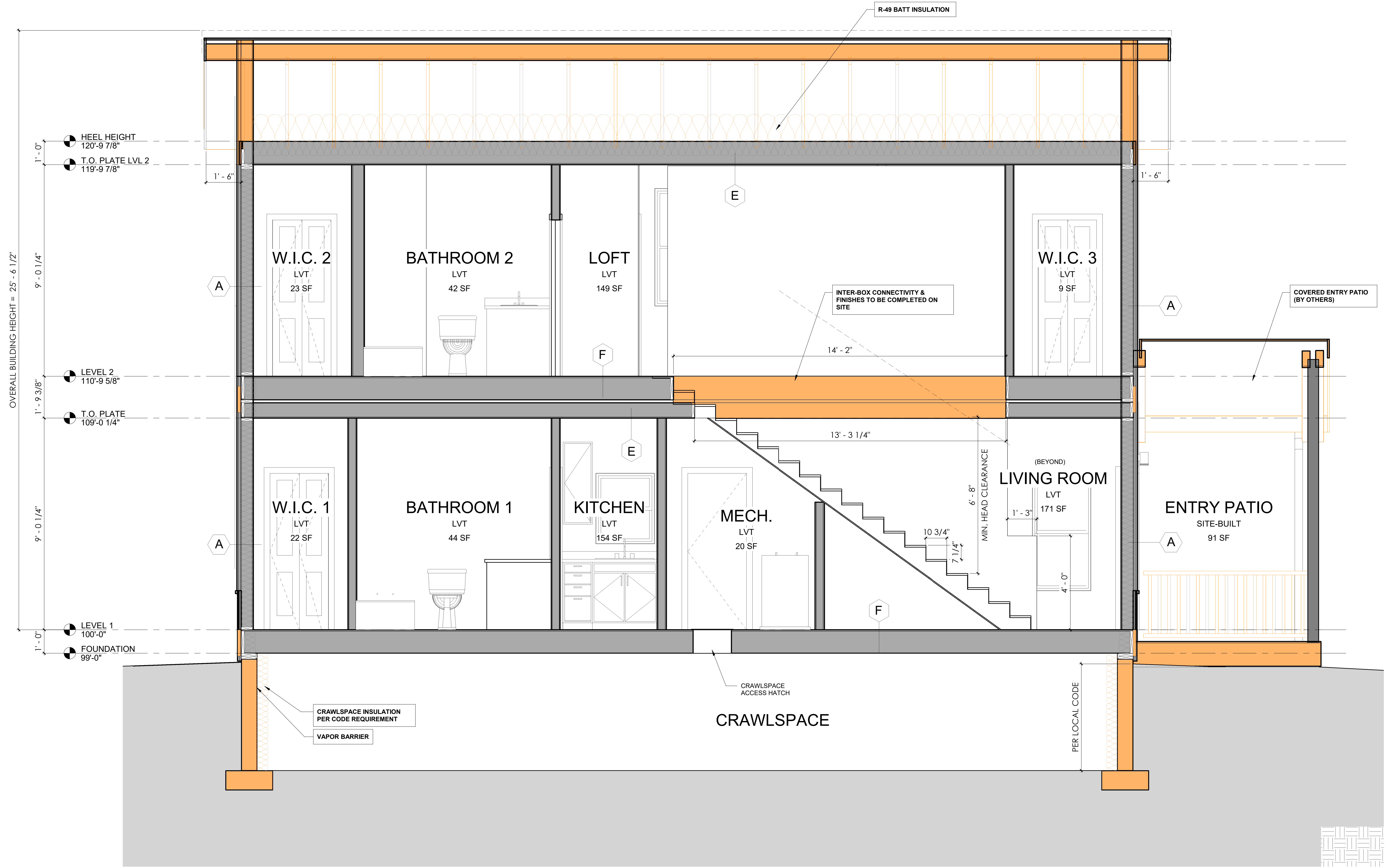
A306

MATERIAL LEGEND - SITE INSTALLED

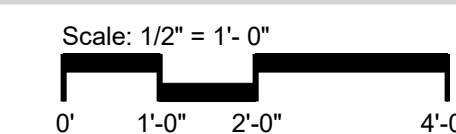
 SITE INSTALLED NOTE

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 FACTORY INSTALLED NOTE



1 BLDG SECTION - LONGITUDINAL
1/2" = 1'-0"





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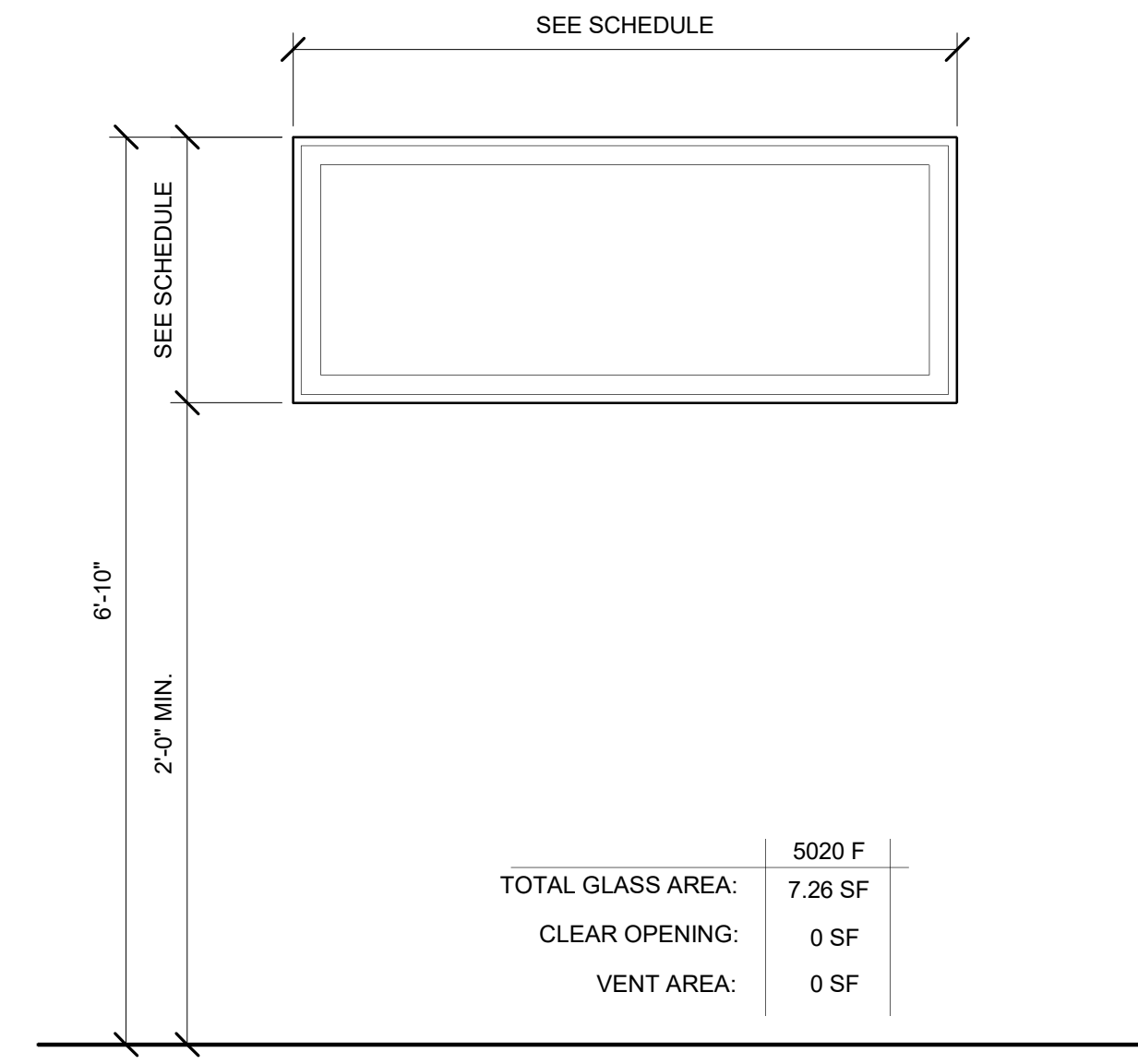
REV DATE DESCRIPTION

WINDOW/DOOR SCHEDULES

A400

Door Schedule				
Width	Height	Family and Type	Comments	Count
2'-6"	6'-8"	Door Bifold 2 Panel: 4-3080	2 PANEL BIFOLD	3
5'-0"	6'-8"	Door Bifold 4 Panel1: 5-6080	4 PANEL BIFOLD	1
3'-0"	6'-8"	Door Flush Adj Swing2: 3'-0"x6'-8" - 20 Min Rated	INT. SW 20 MIN-RATED	1
2'-6"	6'-8"	Door Flush Adj Swing: 2'-6"x6'-8"	INT. SW	6
3'-0"	6'-8"	Exterior Door Front Door1: 1.1-3680	(QUARTER LITE) 7 1/4" JAMB	1
9'-0"	8'-0"	Overhead-Sectional_Decorative_Door001_2346: 8' x 6'-6"	SITE-BUILT BY OTHERS	1

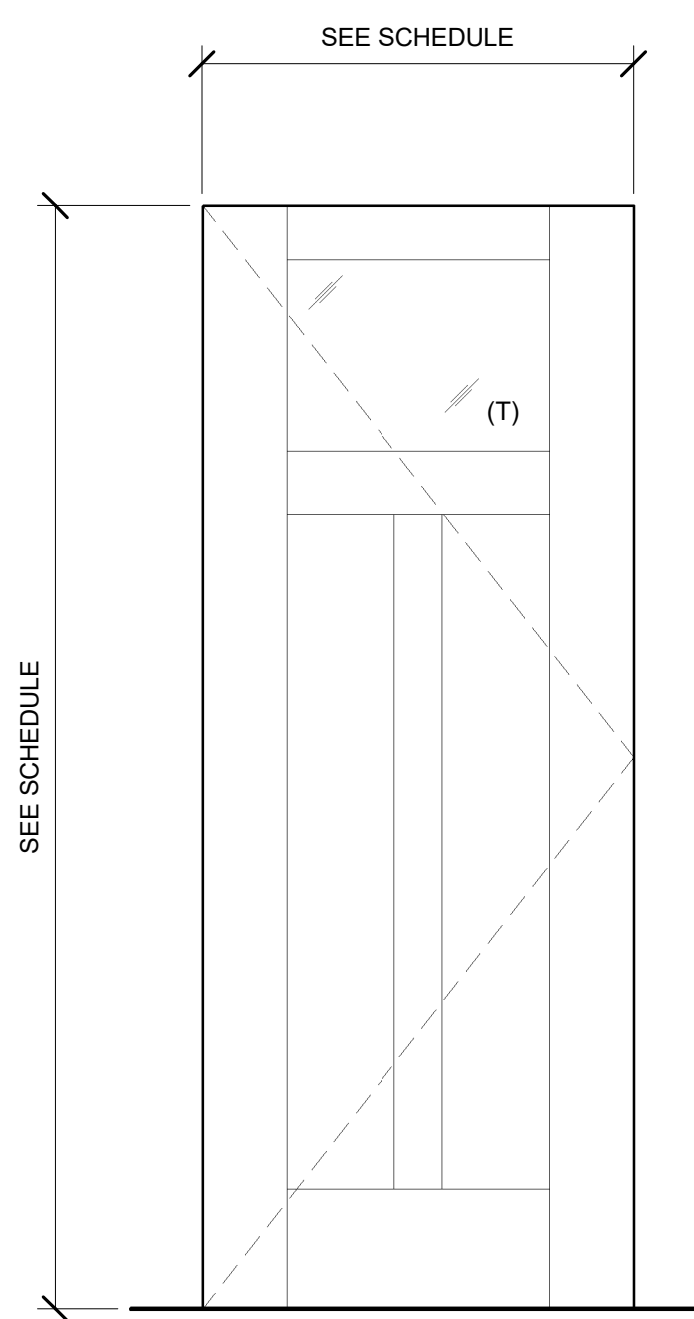
Window Schedule			
Width	Height	Family and Type	Count
2'-6"	3'-0"	FW - Window Single Hung2: 2'6" x 3'0"	1
2'-6"	5'-0"	FW - Window Single Hung2: 2'6" x 5'0"	1
5'-0"	2'-0"	Fixed: 5'-0"x2'-0"	2
5'-0"	5'-0"	FW - Window Slider: E-6060	5



STANDARD WINDOW
FIXED

BASIS OF DESIGN: ANLIN CATALINA SERIES
OPERATION: FIXED

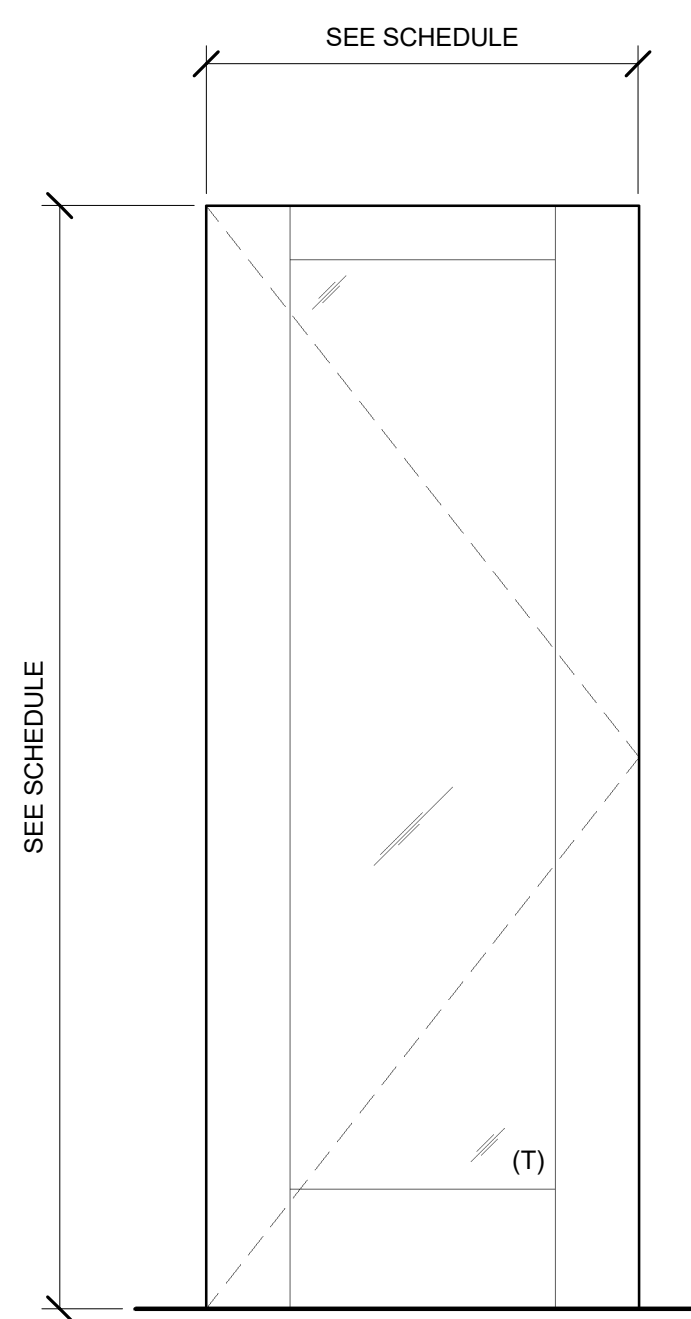
U-FACTOR: 0.26 | SHGC: 0.22



EXTERIOR (FRONT) DOOR
QUARTER LITE

Basis of Design: Trimlite Builders Series One-Lite Fiberglass Door
U-FACTOR: 0.18
SHGC: 0.15

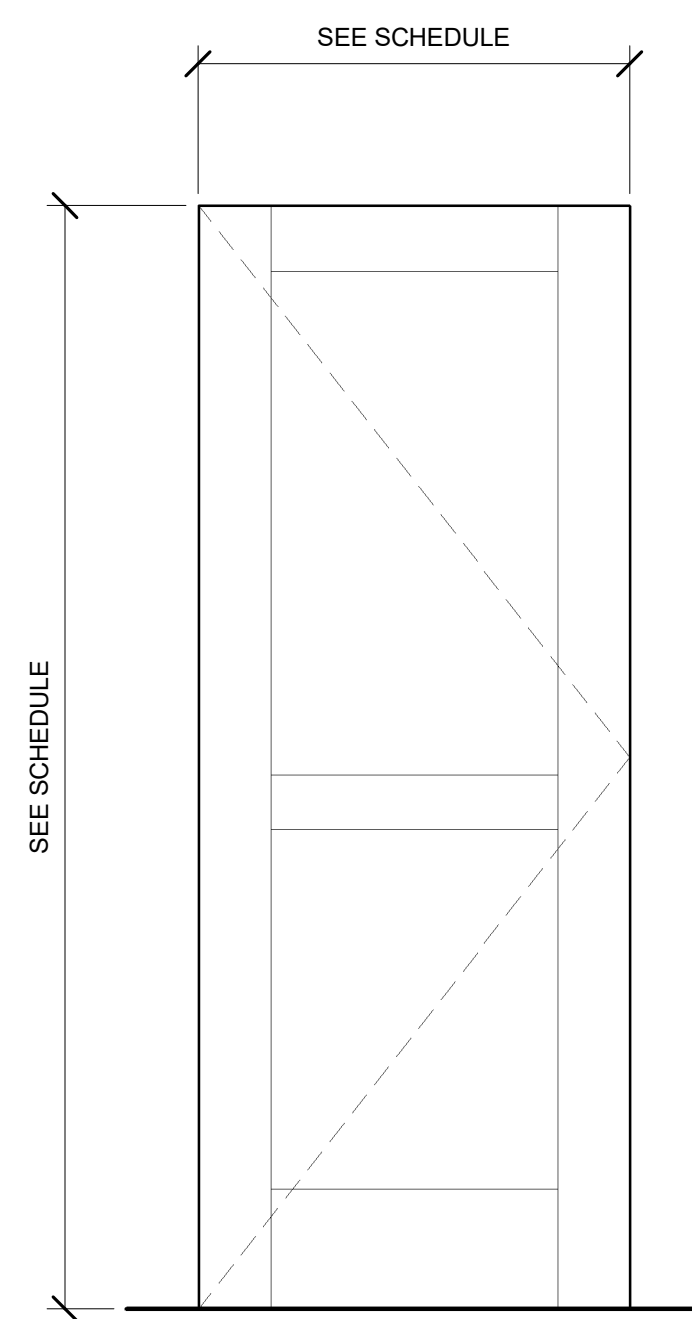
36" wide door
TOTAL GLASS AREA: 2.44 SF



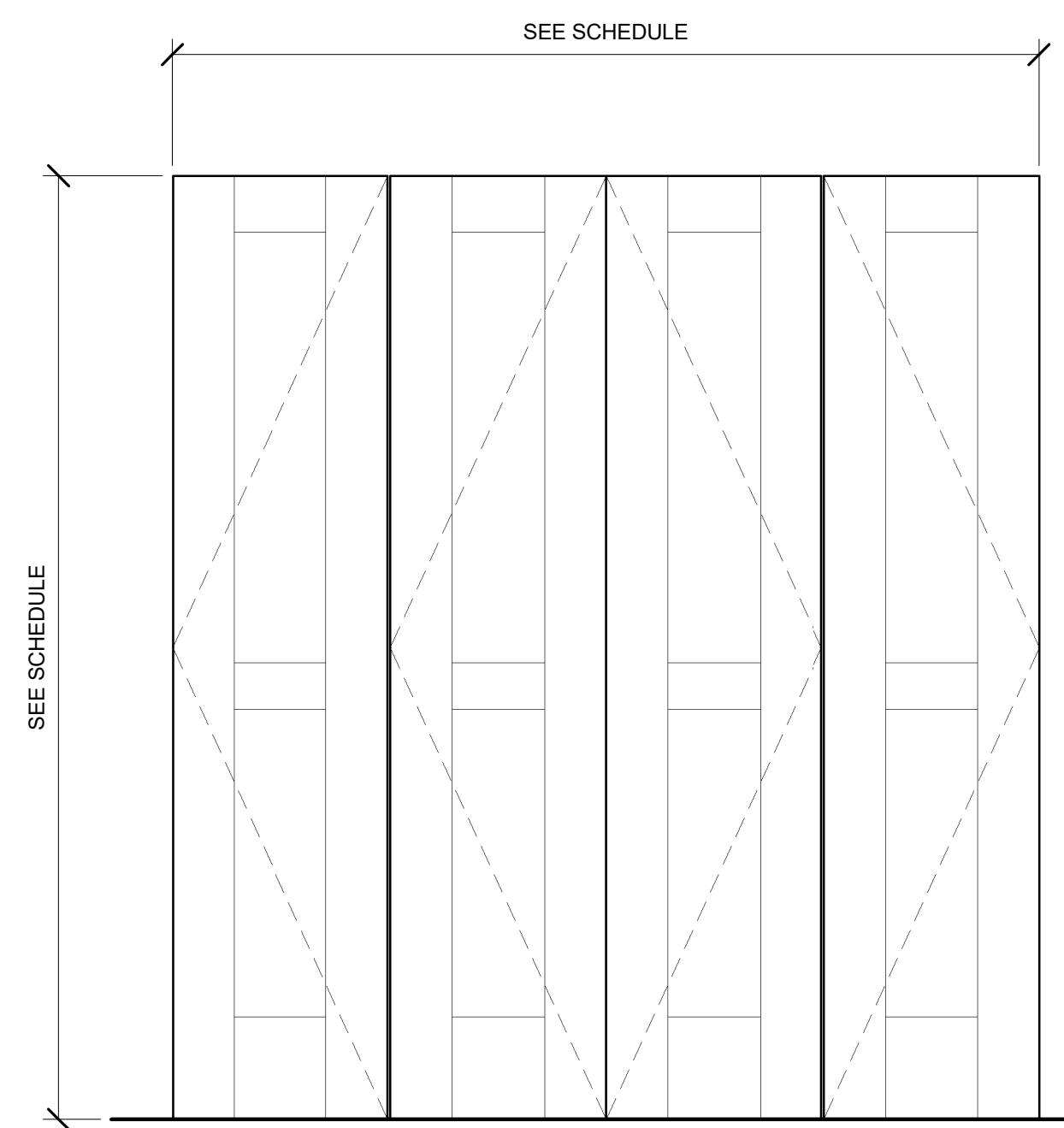
EXTERIOR (SIDE/REAR) DOOR
FULL LITE

Basis of Design: Trimlite Builders Series One-Lite Fiberglass Door
U-FACTOR: 0.25
SHGC: 0.15

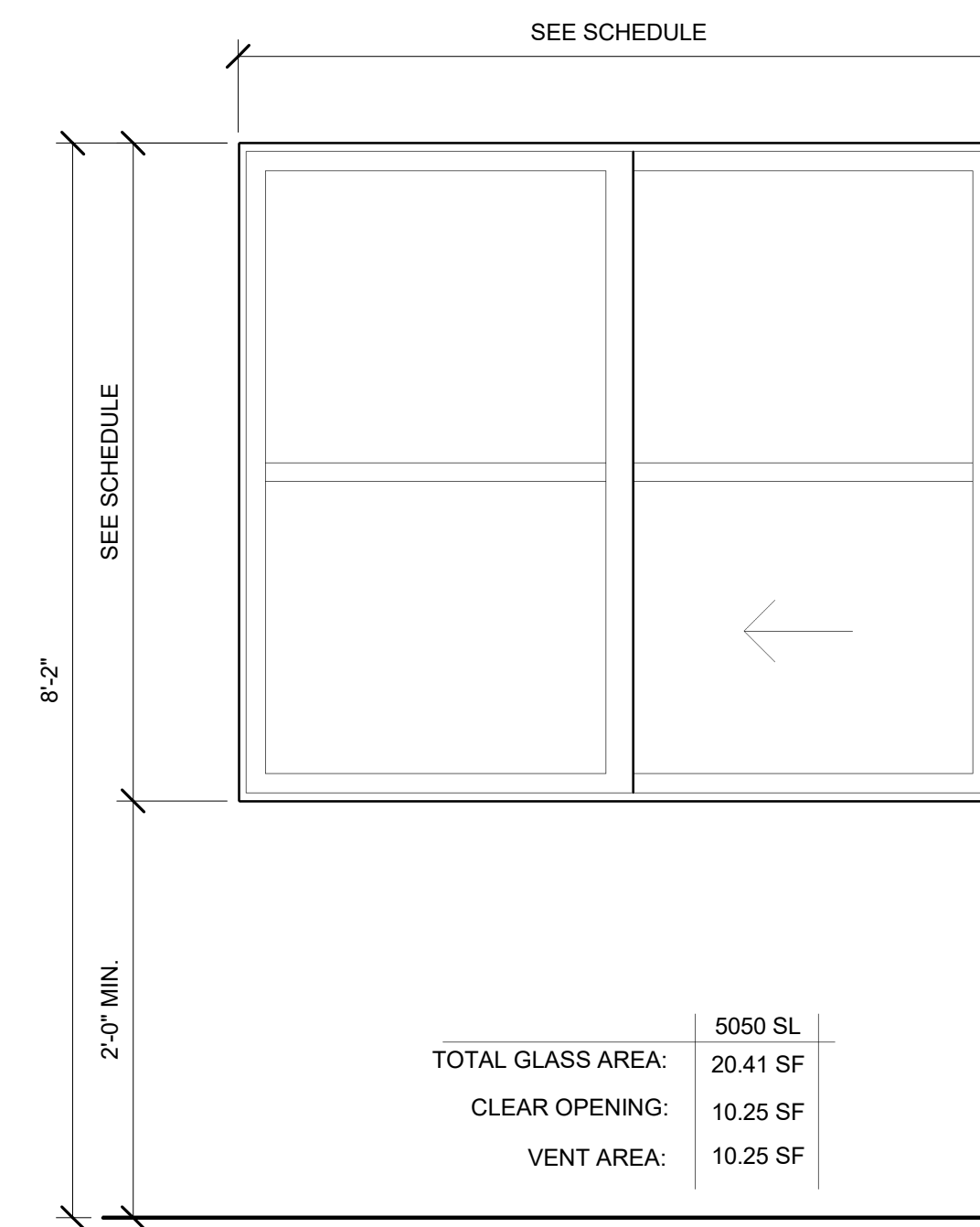
36" wide door
TOTAL GLASS AREA: 11.84 SF



INTERIOR SWING DOOR



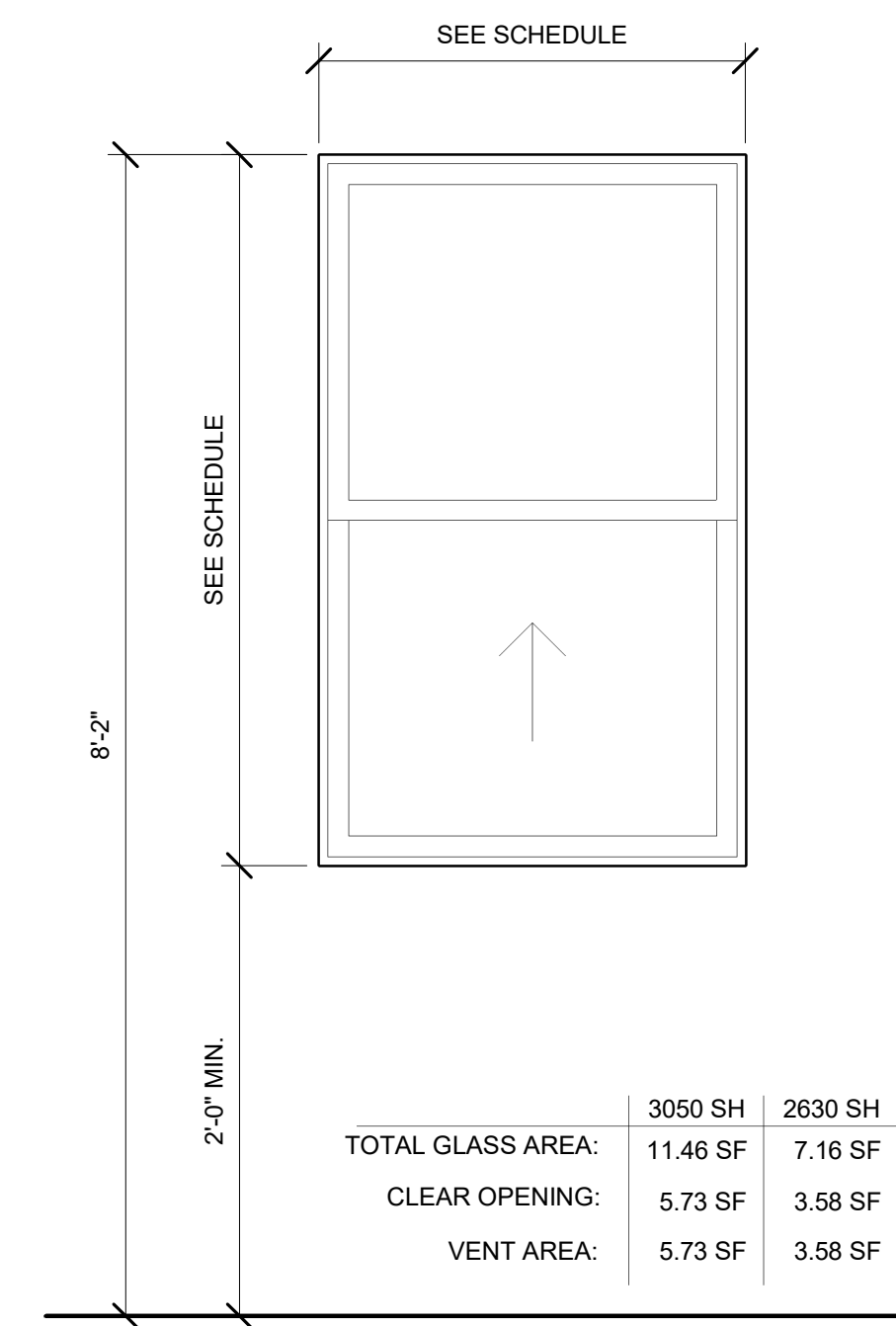
INTERIOR BI-FOLD DOOR



STANDARD WINDOW
HORIZONTAL SLIDER

BASIS OF DESIGN: ANLIN CATALINA SERIES
OPERATION: HORIZONTAL SLIDER

U-FACTOR: 0.26 | SHGC: 0.22

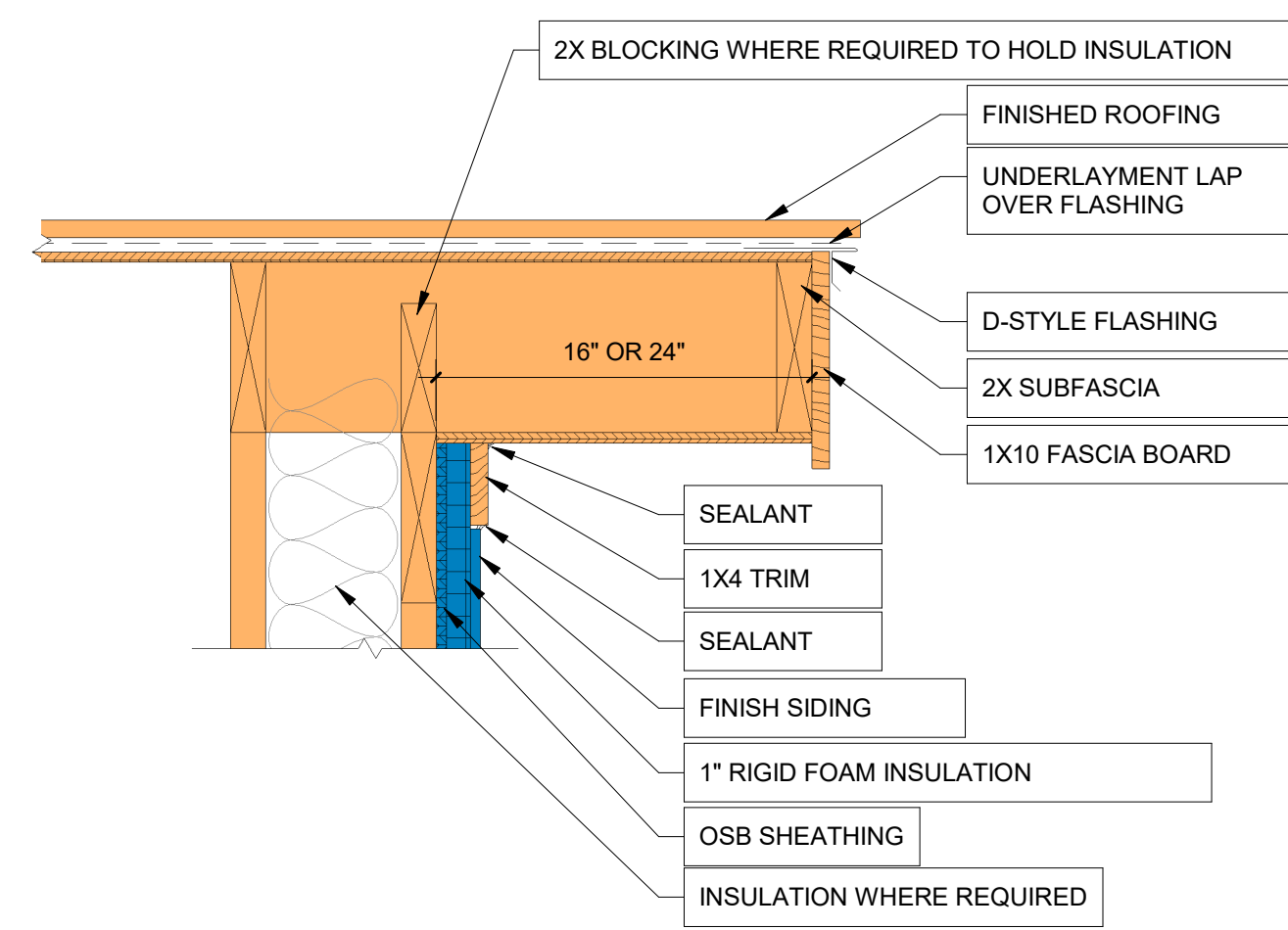
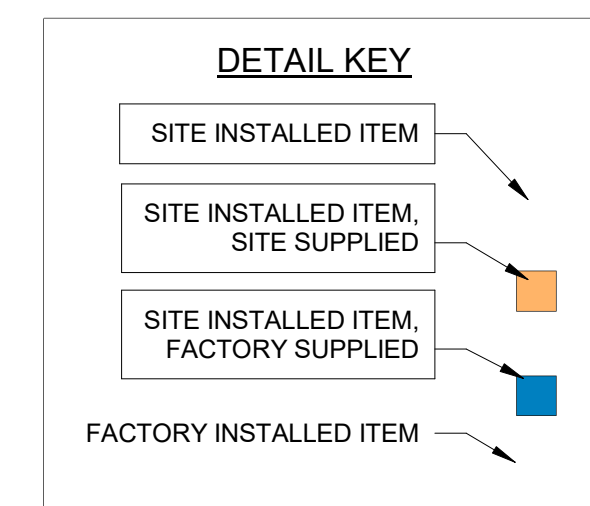


STANDARD WINDOW
SINGLE HUNG

BASIS OF DESIGN: ANLIN CATALINA SERIES
OPERATION: SINGLE HUNG

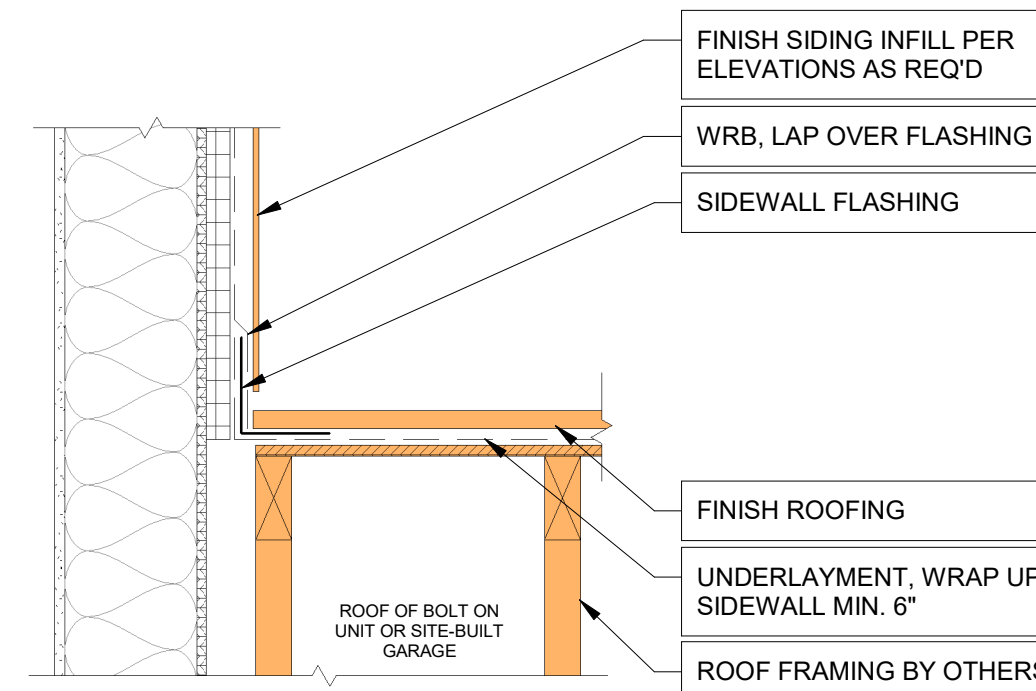
U-FACTOR: 0.26 | SHGC: 0.22

WINDOWS/DOORS LEGEND
3/4" = 1'-0"



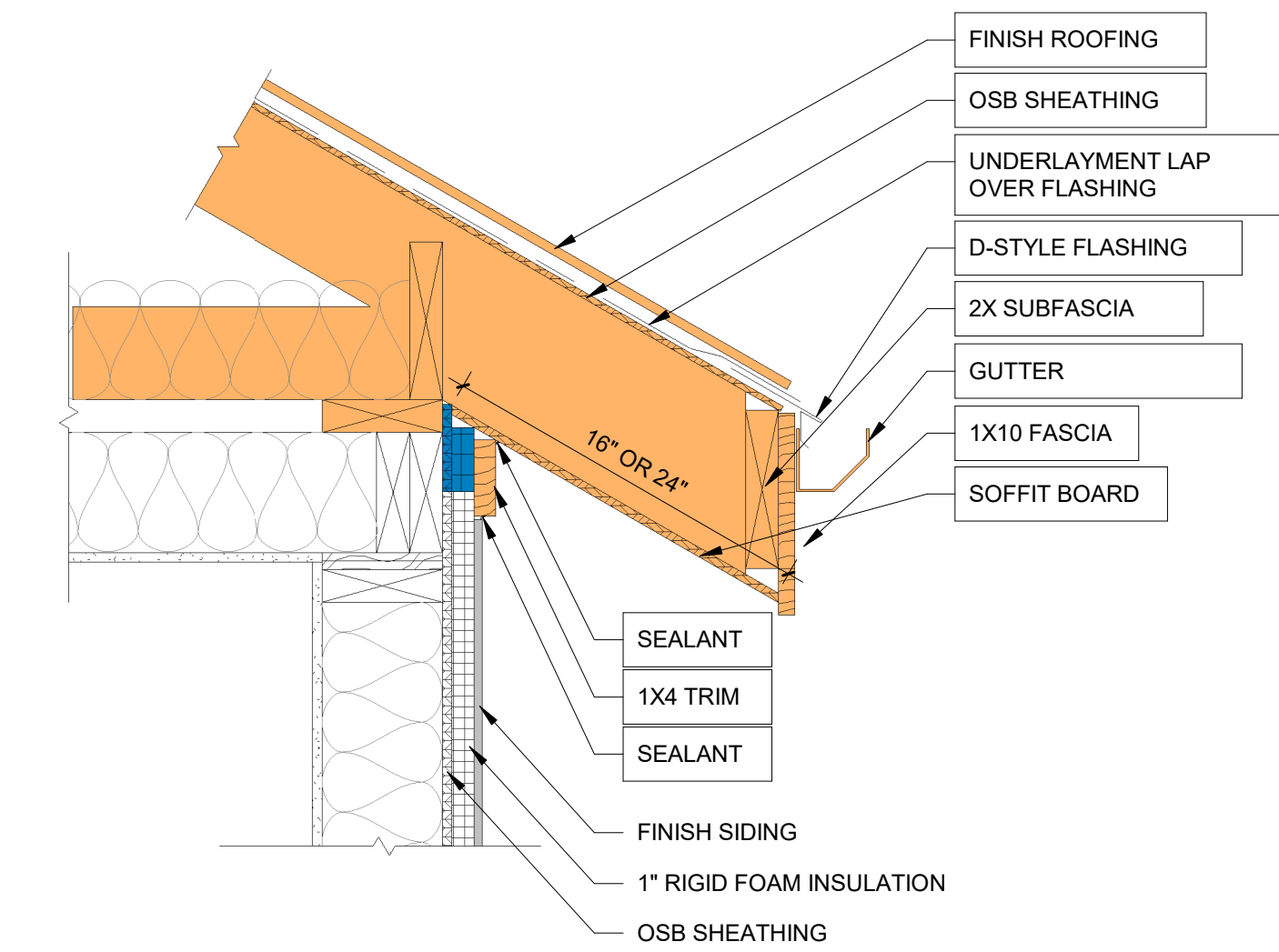
9 TYPICAL RAKE
1 1/2" = 1'-0"

SECTION VIEW



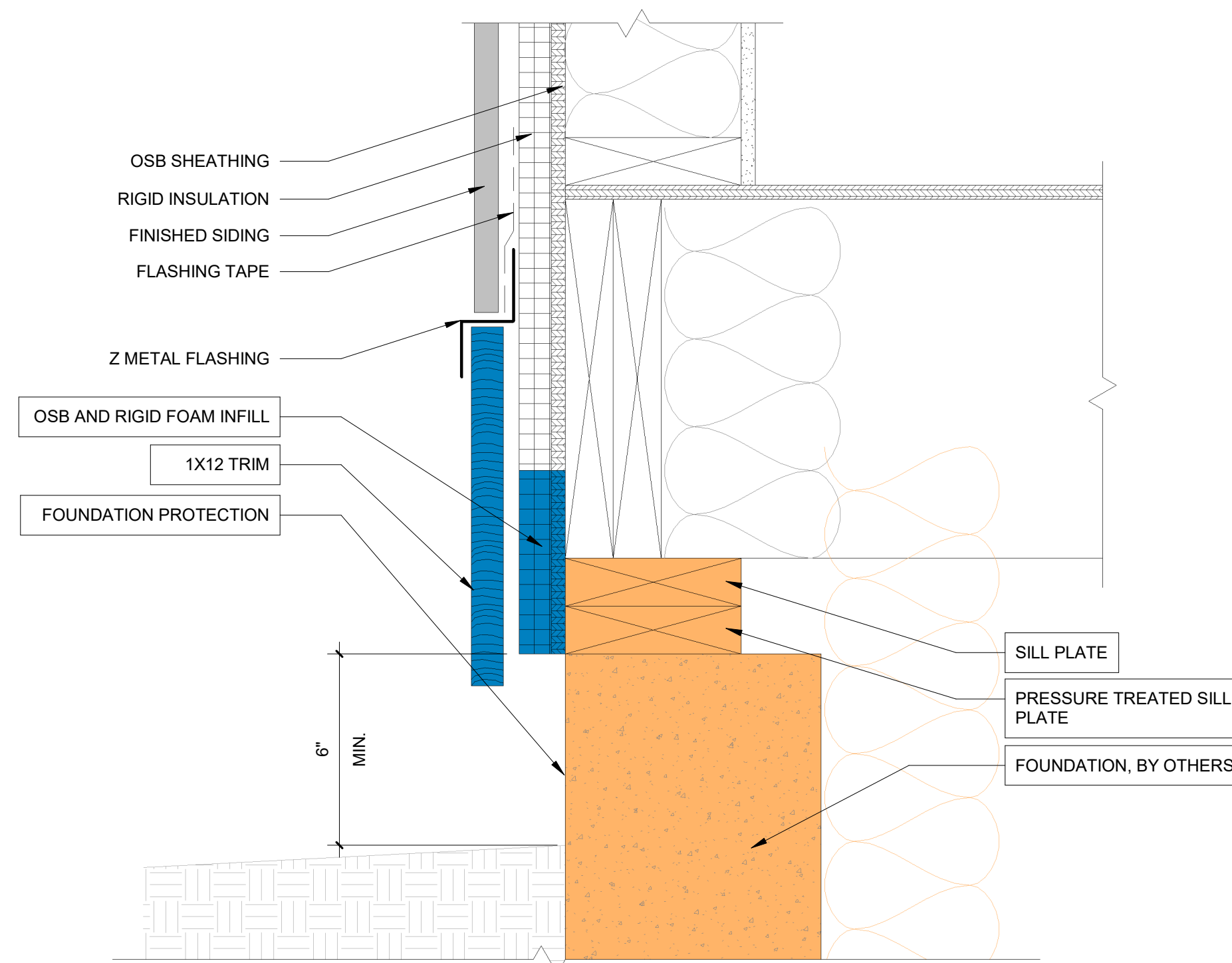
3 SIDEWALL FLASHING
1 1/2" = 1'-0"

SECTION VIEW



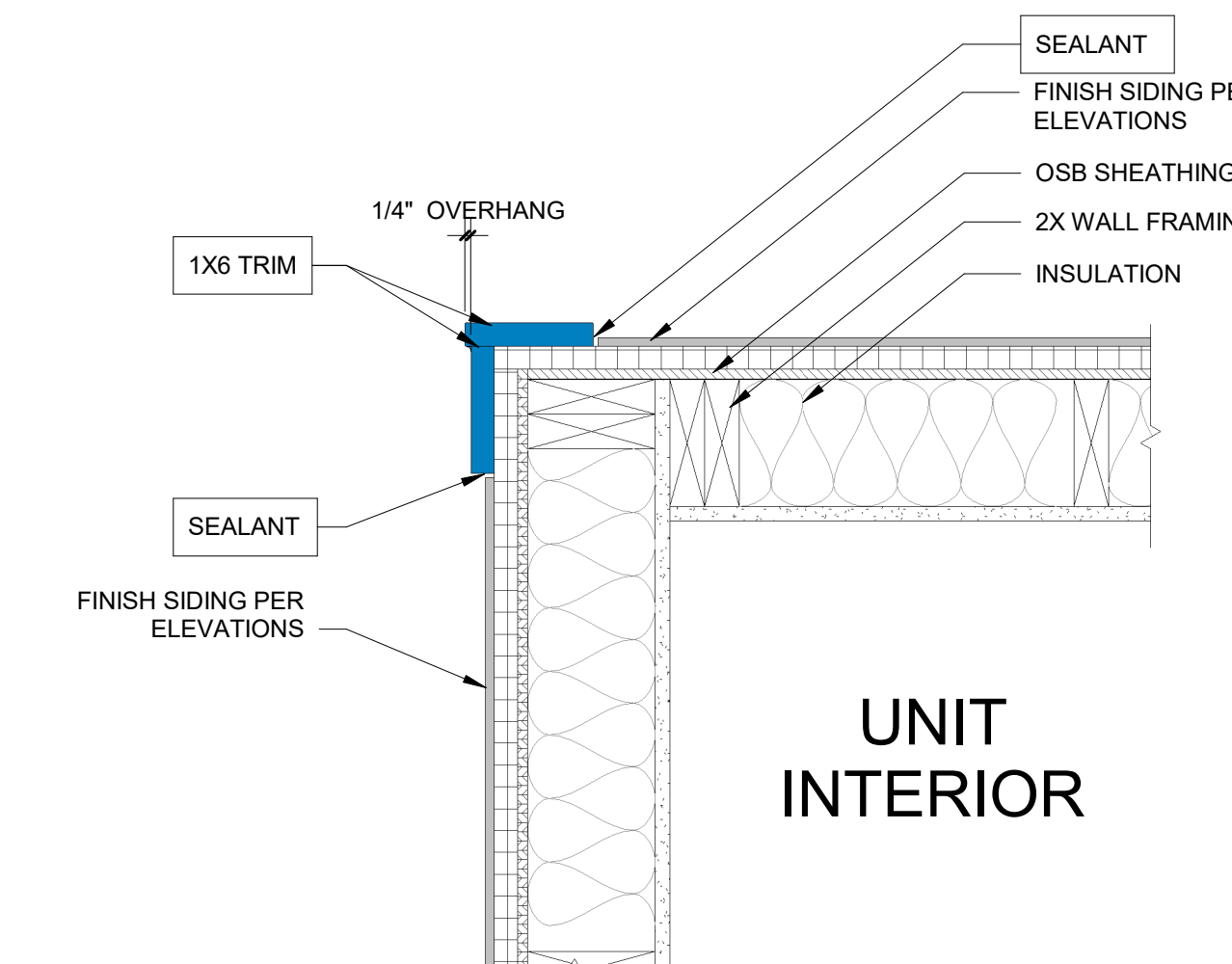
8 TYPICAL EAVE
1 1/2" = 1'-0"

SECTION VIEW



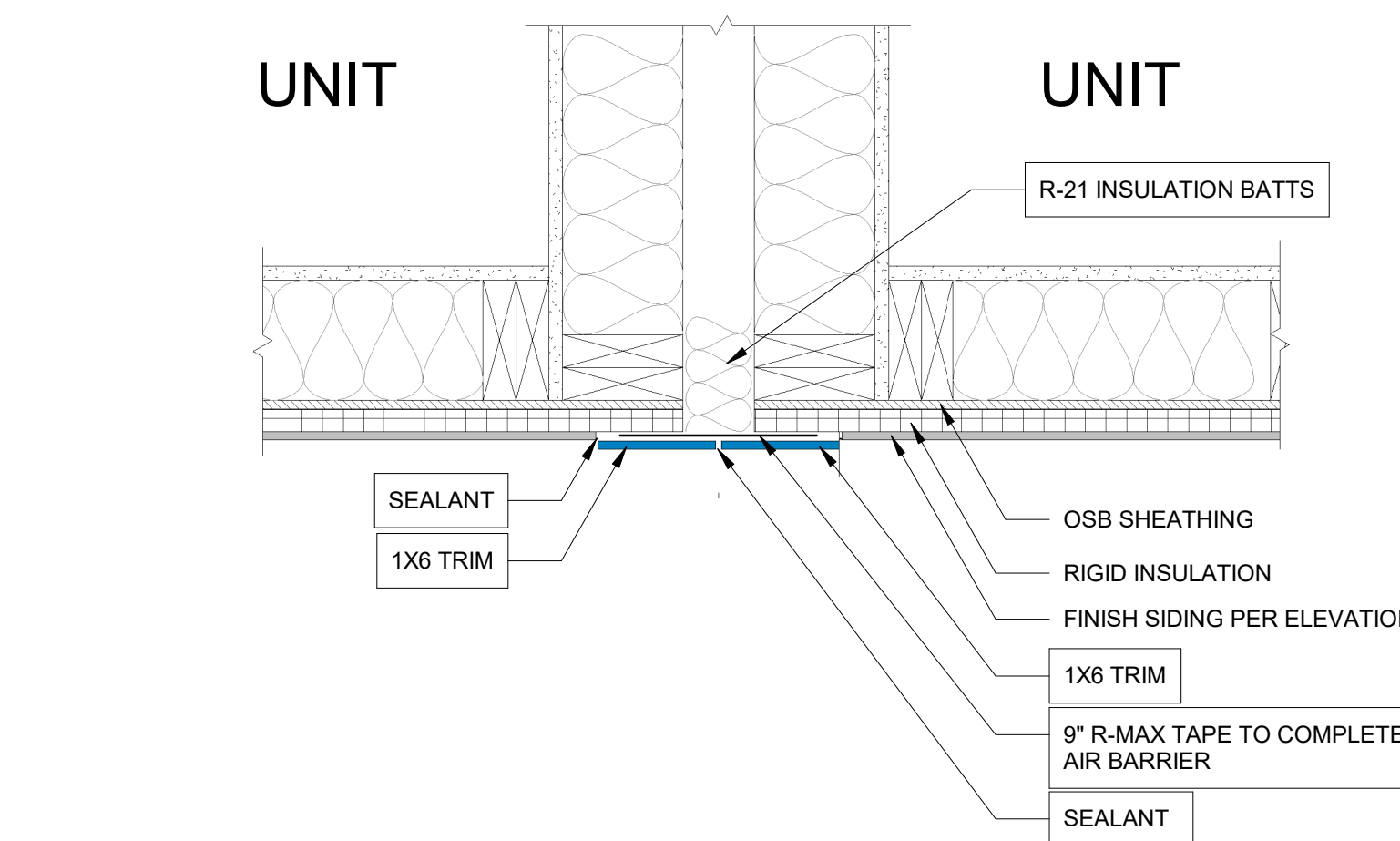
6 TRIM @ L1 FLOOR
3" = 1'-0"

SECTION VIEW



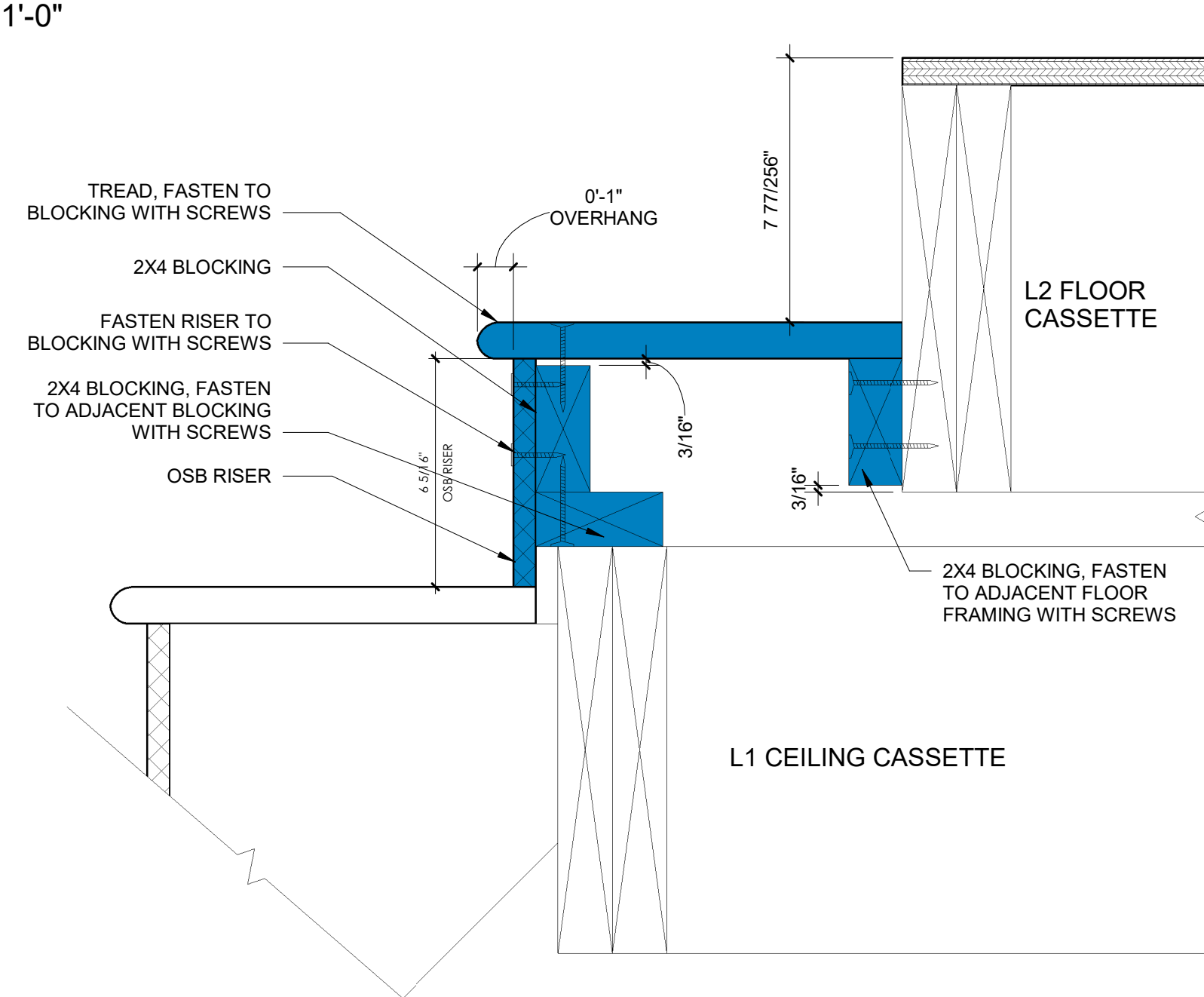
4 TYP. EXTERIOR CORNER TRIM
1 1/2" = 1'-0"

PLAN VIEW



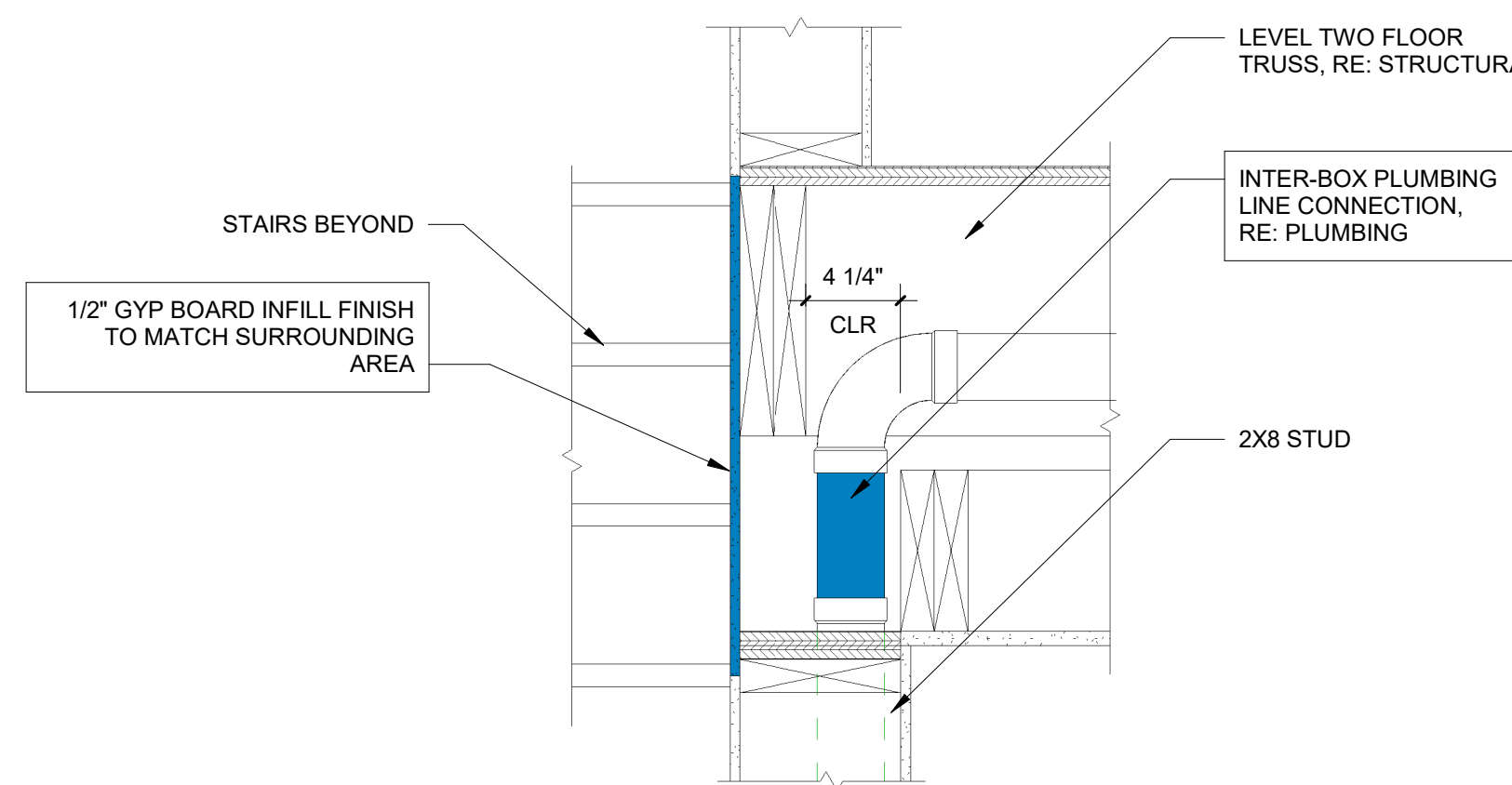
2 MATELINE TYPICAL TRIM
1 1/2" = 1'-0"

PLAN VIEW



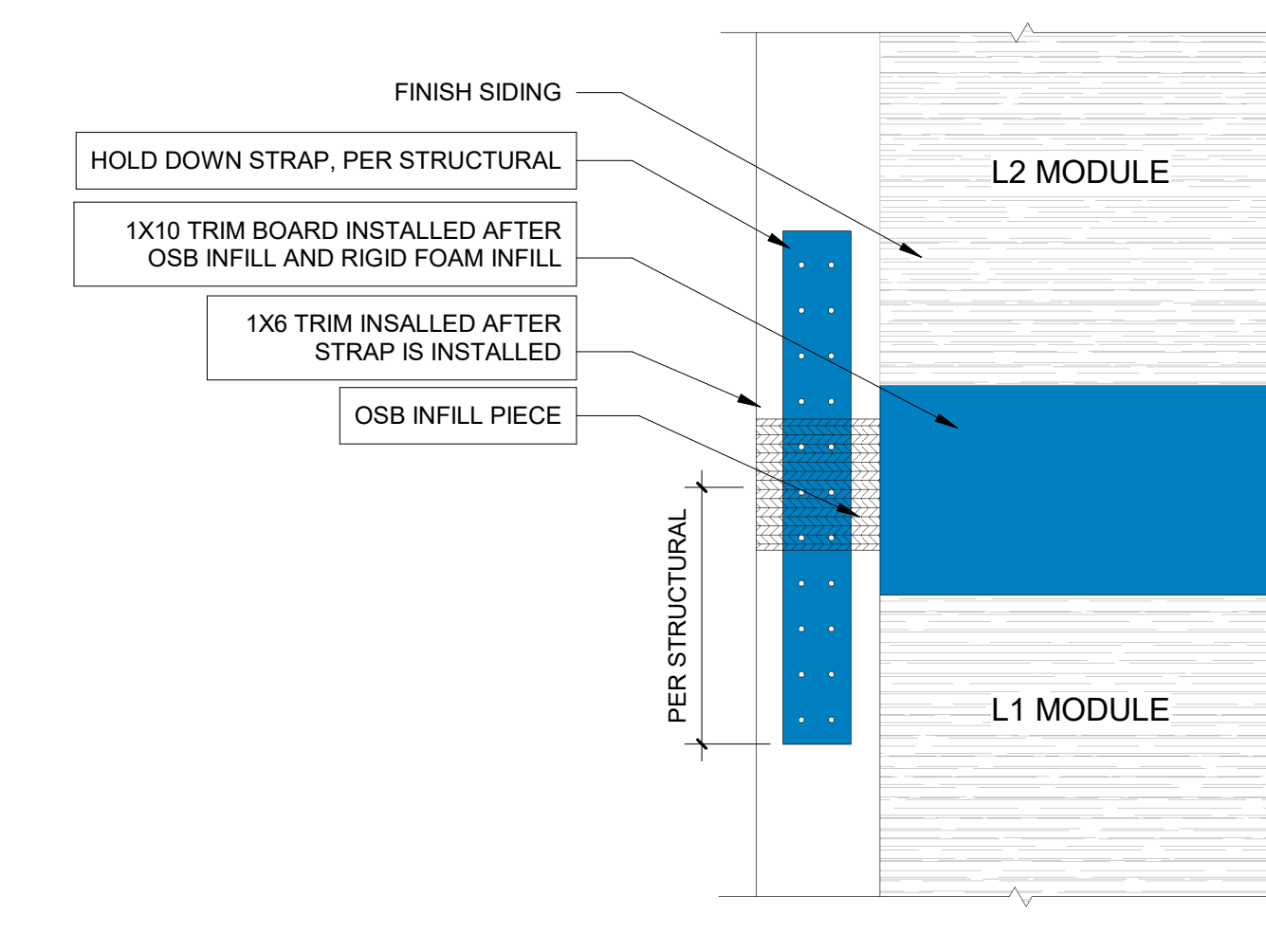
5 TOP STAIR TREAD INFILL ATTACHMENT
3" = 1'-0"

SECTION VIEW



7 MEP CONNECTIVITY @ STAIR WALL
1 1/2" = 1'-0"

SECTION VIEW



1 L1 TO L2 HOLD DOWN CONNECTION
1 1/2" = 1'-0"

ELEVATION VIEW