

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. TERMITES | 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.

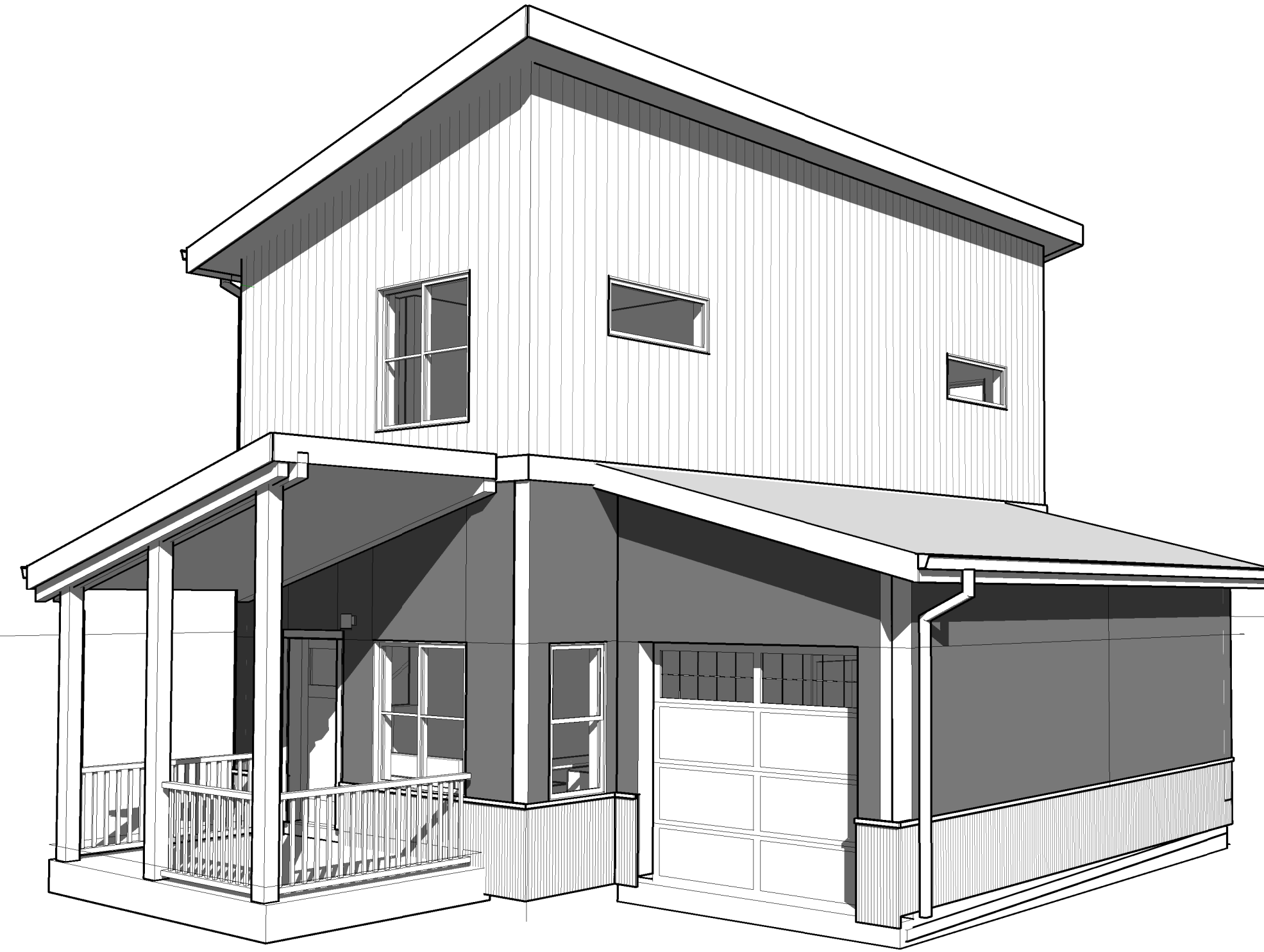
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED IN ONE AND TWO FAMILY DWELLINGS AND TOWNHOUSES AS REQUIRED BY THE LOCAL JURISDICTION WHERE THE HOME WILL BE SET.

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 ACCOMODATE 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
ANTERO MASTER UNIT SET



ARCH SHEETS

| Sheet # | Sheet Name |
|---------|-----------------------|
| A002 | COVER PAGE |
| A005 | ASSEMBLIES |
| A100 | FLOOR PLANS - LEVEL 1 |
| A101 | FLOOR PLAN - LEVEL 2 |
| A202 | ELEVATIONS |
| A305 | BLDG SECTIONS |
| A306 | BLDG SECTIONS |
| A400 | WINDOW/DOOR SCHEDULES |
| A900 | STITCH DETAILS |

STRUCTURAL SHEETS

| Sheet # | Sheet Name |
|---------|------------------------------|
| S000 | GENERAL NOTES |
| S010 | FOUNDATION PLAN |
| S100 | FLOOR FRAMING LAYOUT - L1 |
| S120 | EXT. WALL FRAMING ELEV. - L1 |
| S128 | EXT. WALL FRAMING ELEV. - L2 |
| S130 | CEILING/ROOF FRAMING |

INSULATION R-VALUES:

PER 2018 IECC TABLE R402.1.3

TABLE R402.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT*

| 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 ^c 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 ^h | 8/13 | 19 | 5/13 ⁱ | 0 | 5/13 |
| 4 except Marine | 0.32 | 0.55 | 0.40 | 49 | 20 or 13+5 ^h | 8/13 | 19 | 10/13 | 10, 2 ft | 10/13 |
| 5 and Marine 4 | 0.30 | 0.55 | NR | 49 | 20 or 13+5 ^h | 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 |

MEP SHEETS

| Sheet # | Sheet Name |
|---------|------------------------------|
| M-1 | L1 MECHANICAL |
| M-2 | L2 MECHANICAL |
| E-1 | L1 ELECTRICAL CEILING LAYOUT |
| E-2 | L1 ELECTRICAL FLOOR LAYOUT |
| E-3 | L2 ELECTRICAL CEILING LAYOUT |
| E-4 | L2 ELECTRICAL FLOOR LAYOUT |
| P-1 | PLUMBING DWV - FLOOR LAYOUT |
| P-3 | L1 PLUMBING ISO W/WALLS |
| P-4 | L1 PLUMBING ISO W/ WALLS |
| P-5 | L1 PLUMBING CEILING LAYOUT |
| P-6 | L1 PLUMBING CEILING LAYOUT |



Fading West Building Systems

Architecture & Engineering Studio

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2024-03_IG

ROCK CREEK

Ignacio, CO

REV DATE DESCRIPTION

COVER PAGE

A002



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2024-03_JG

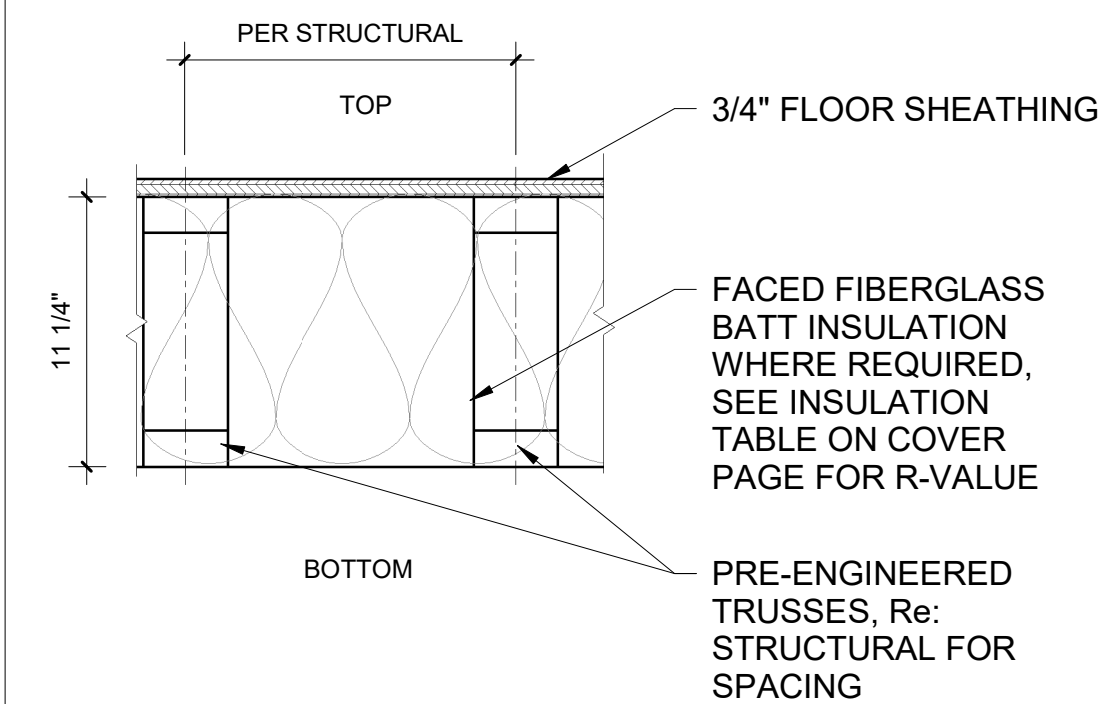
ROCK CREEK

Ignacio, CO

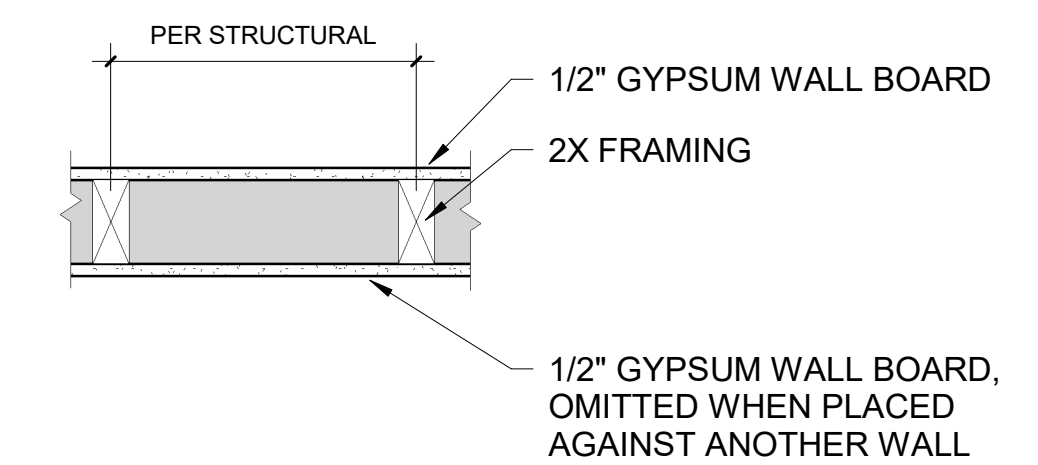
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ASSEMBLIES

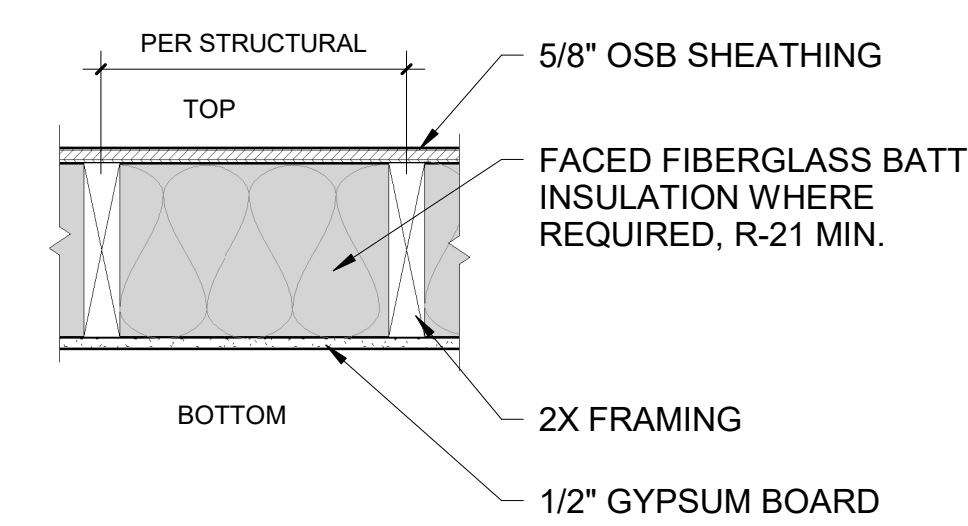
A005



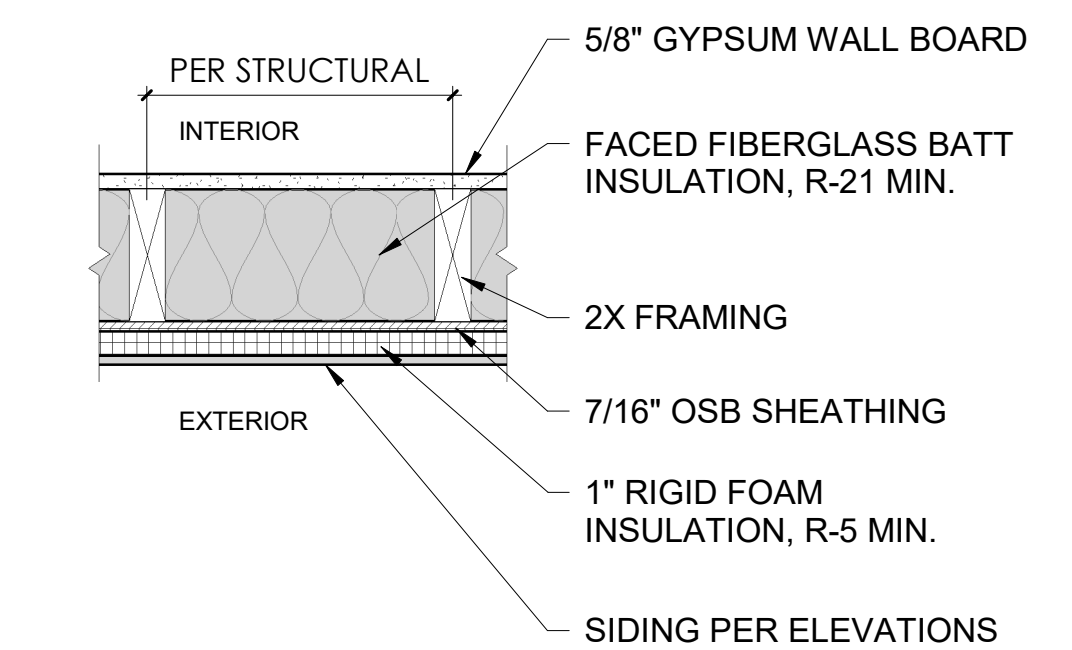
F STANDARD FLOOR CASSETTE



B STANDARD INTERIOR WALL



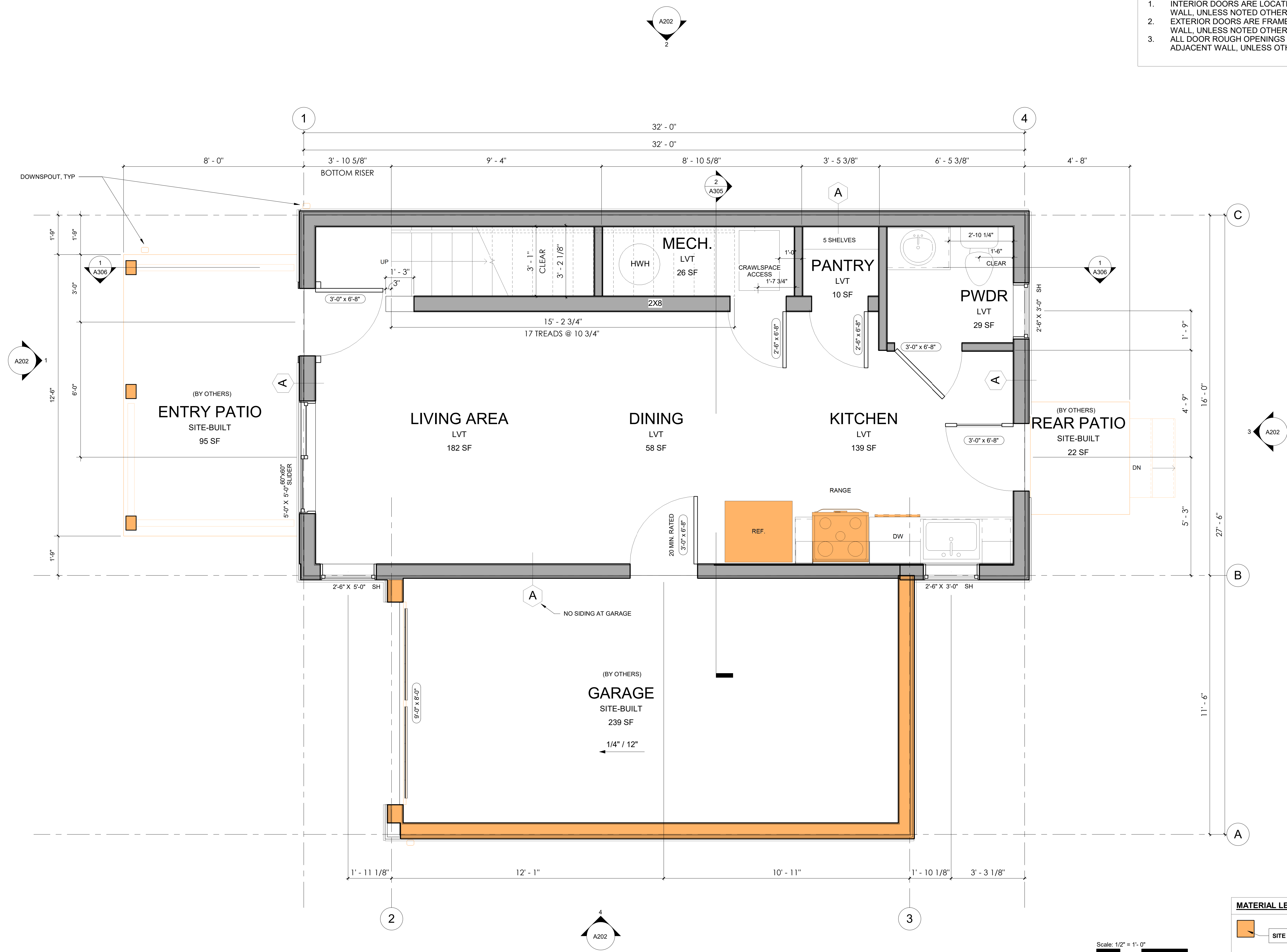
E STANDARD CEILING CASSETTE



A STANDARD EXTERIOR WALL

PLAN NOTES:

- INTERIOR DOORS ARE LOCATED 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
- EXTERIOR DOORS ARE FRAMED 7" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
- ALL DOOR ROUGH OPENINGS ARE FRAMED 3" OFF OF ADJACENT WALL, UNLESS OTHERWISE NOTED.



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

MATERIAL LEGEND - SITE INSTALLED

| | |
|--|------------------------|
| | SITE INSTALLED NOTE |
| | FACTORY INSTALLED NOTE |



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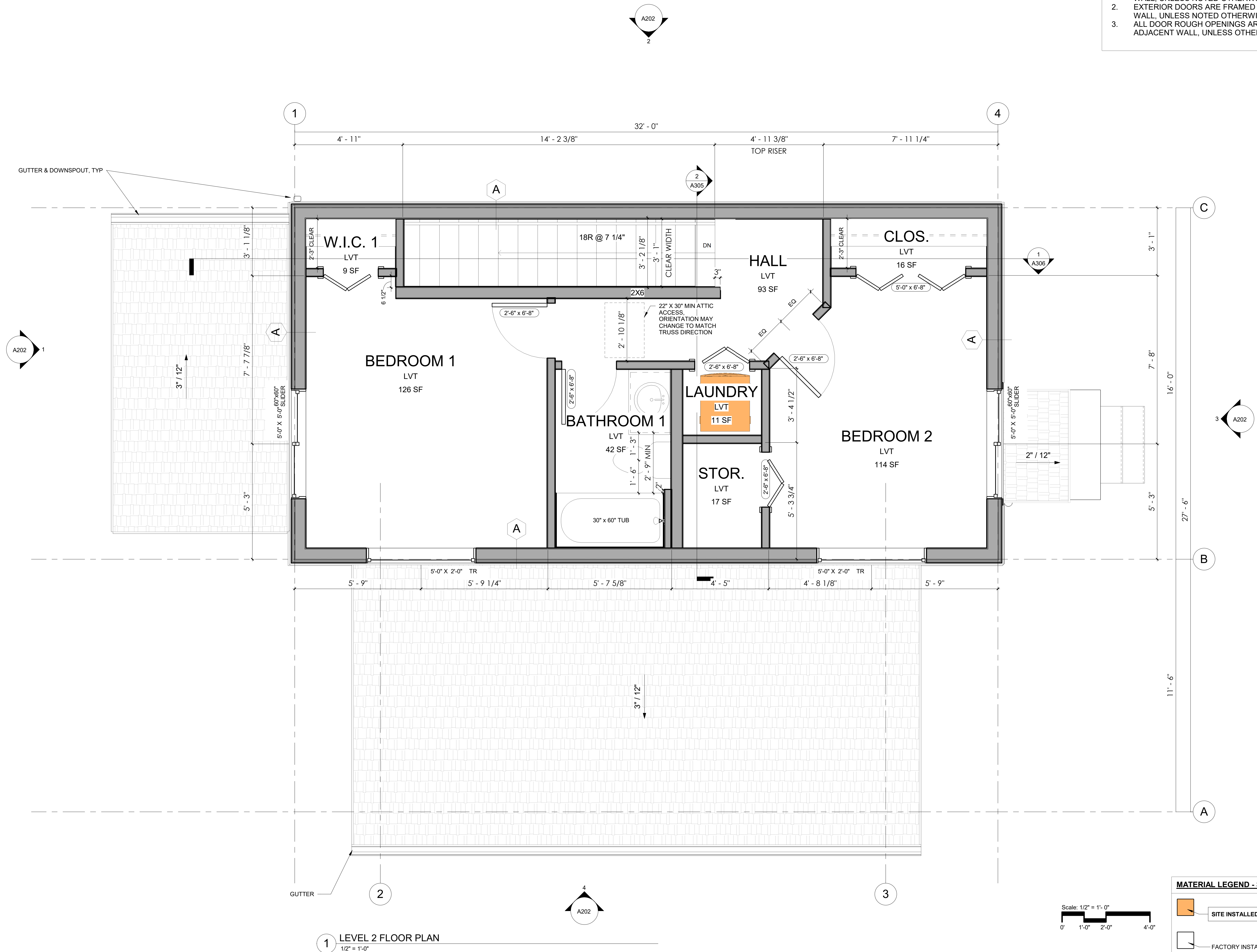
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| | | |

FLOOR PLAN - LEVEL 2

A101

PLAN NOTES:

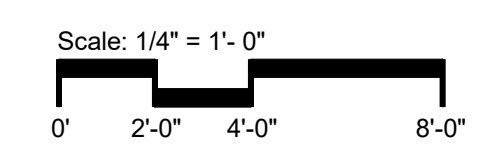
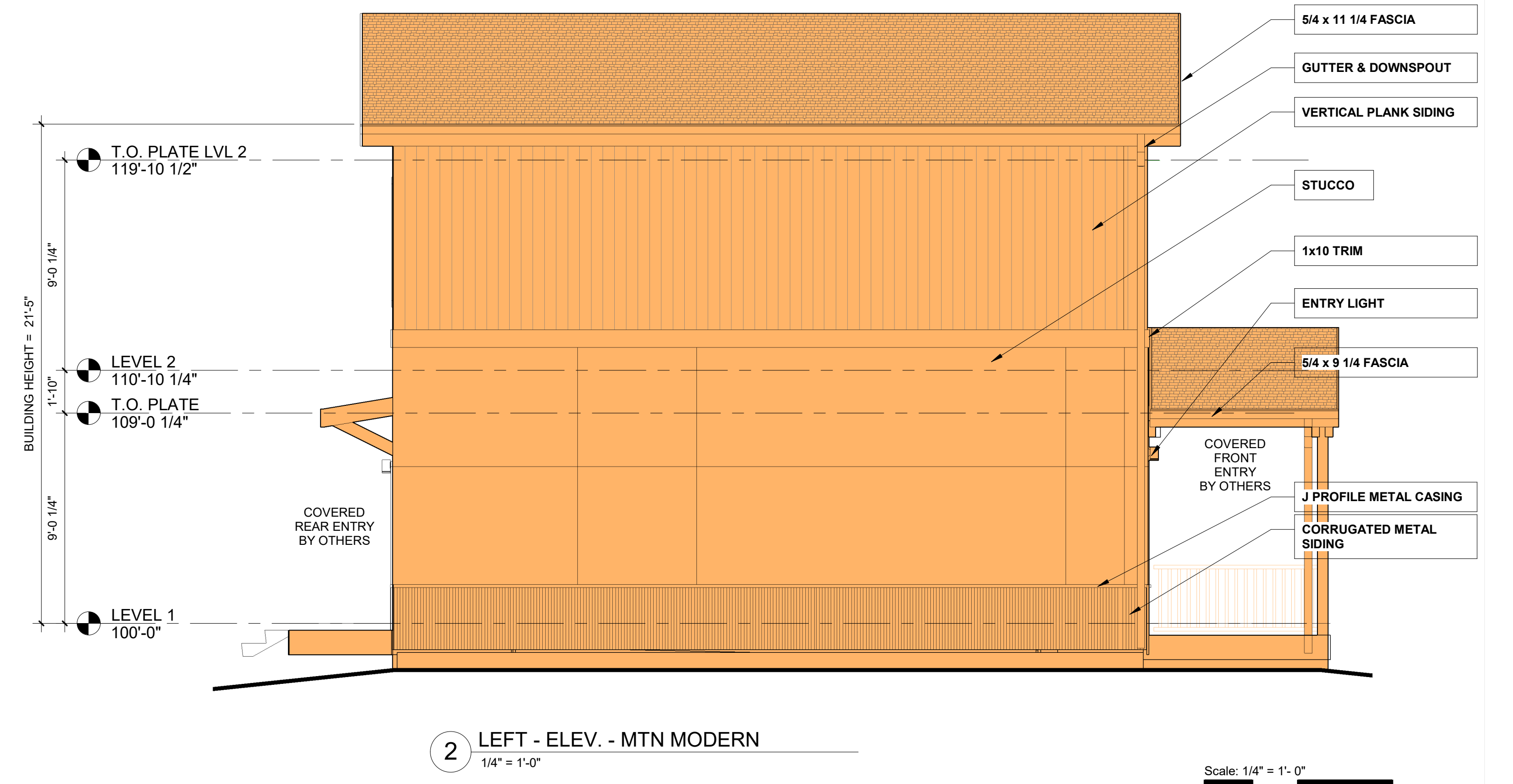
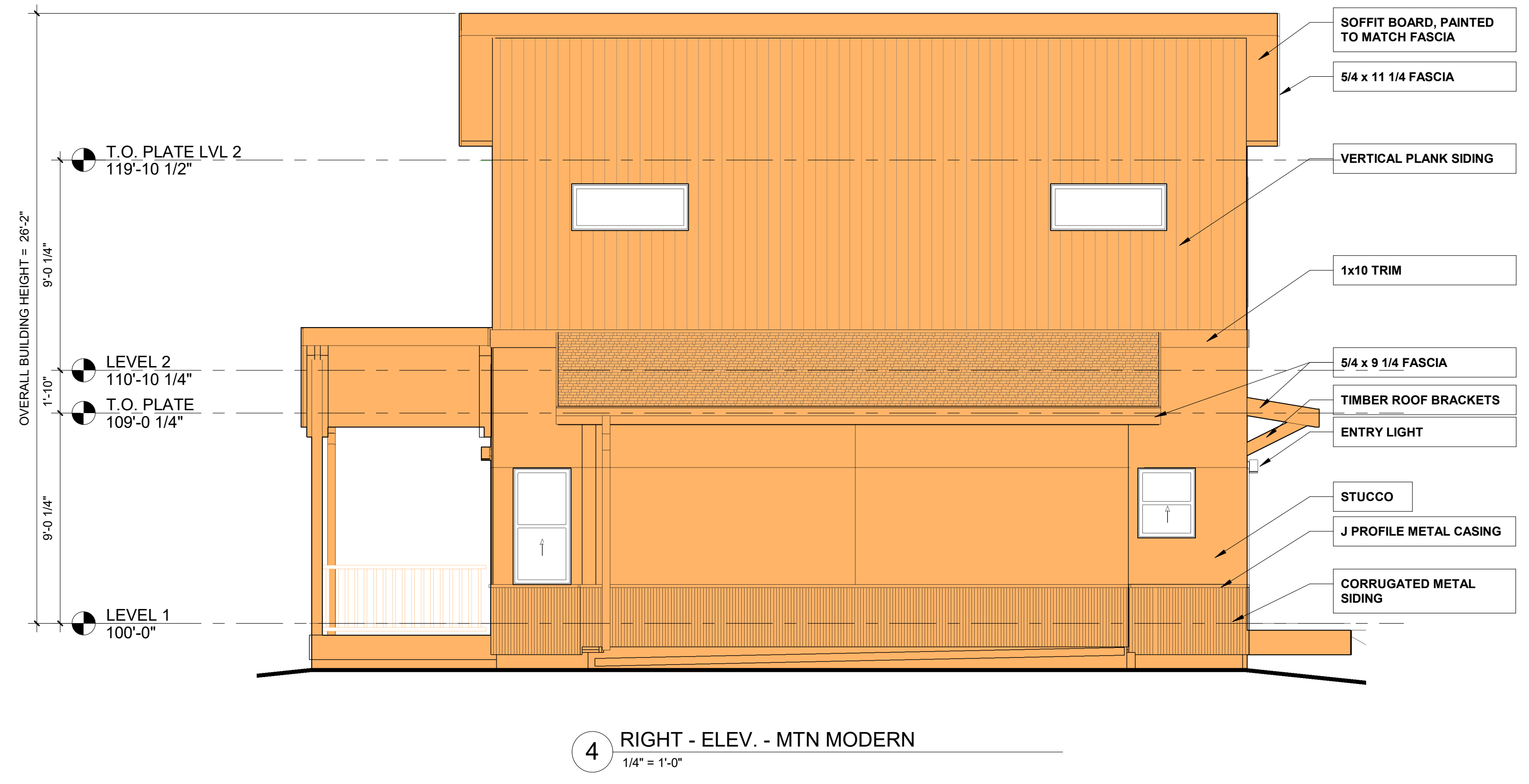
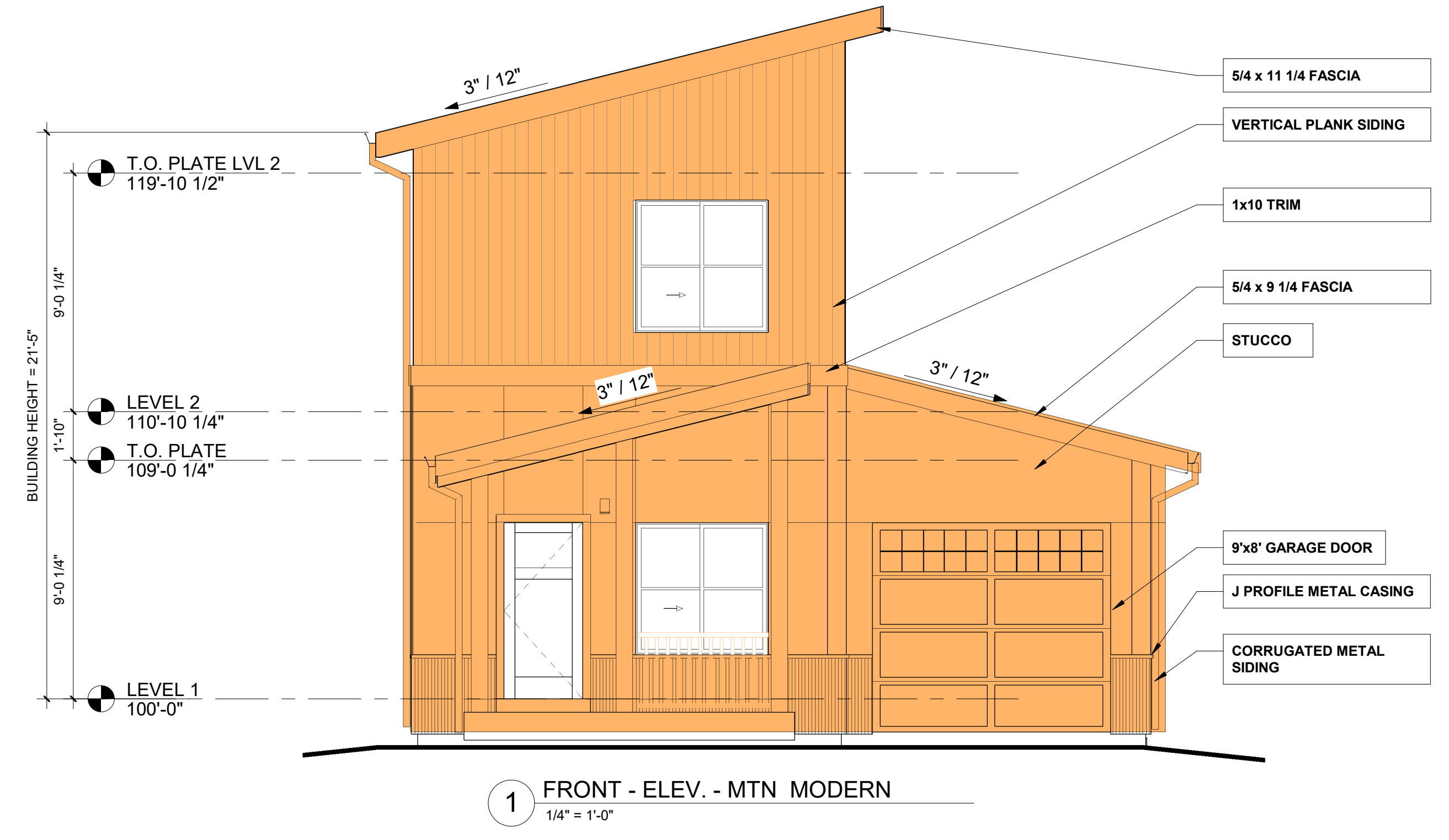
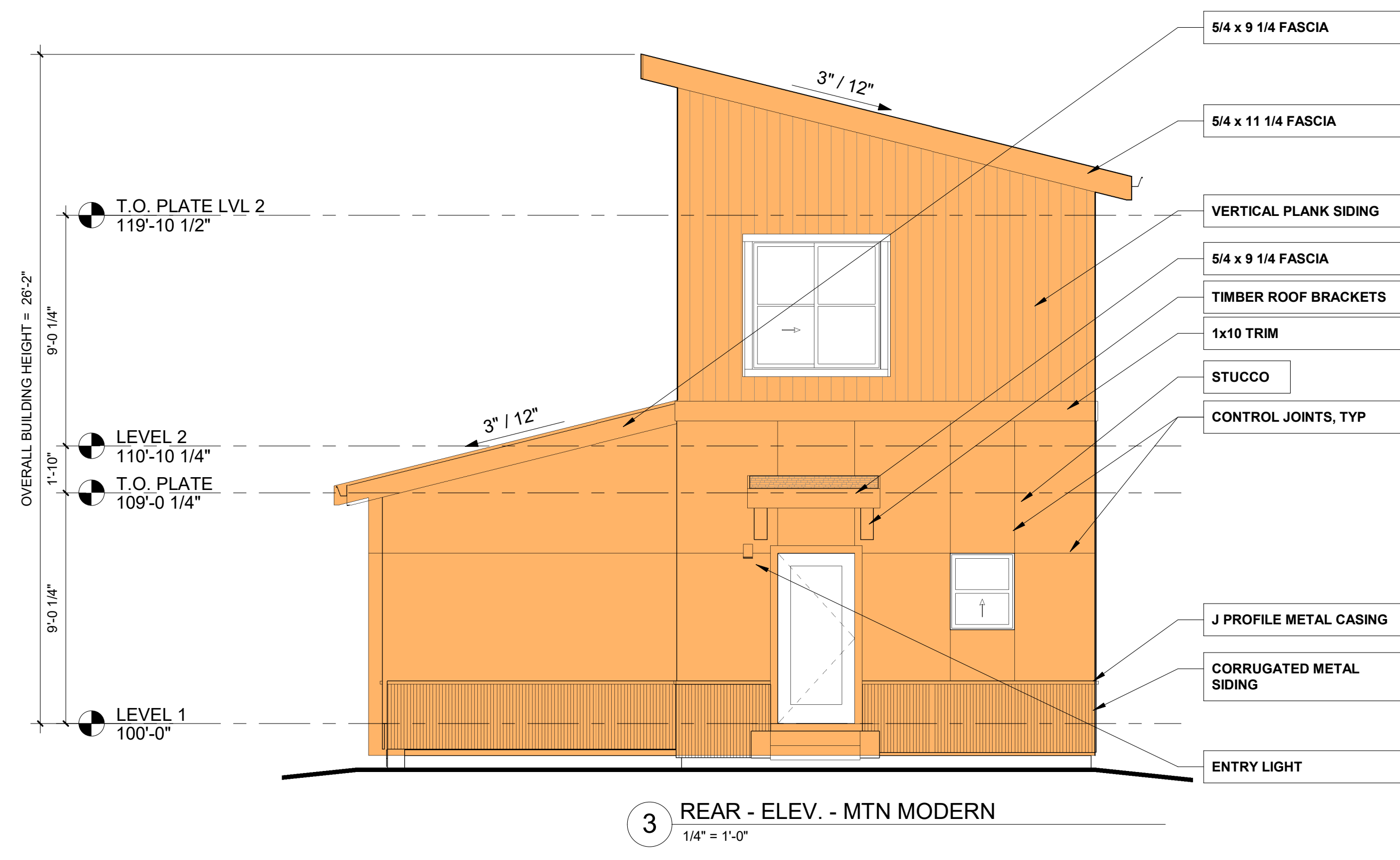
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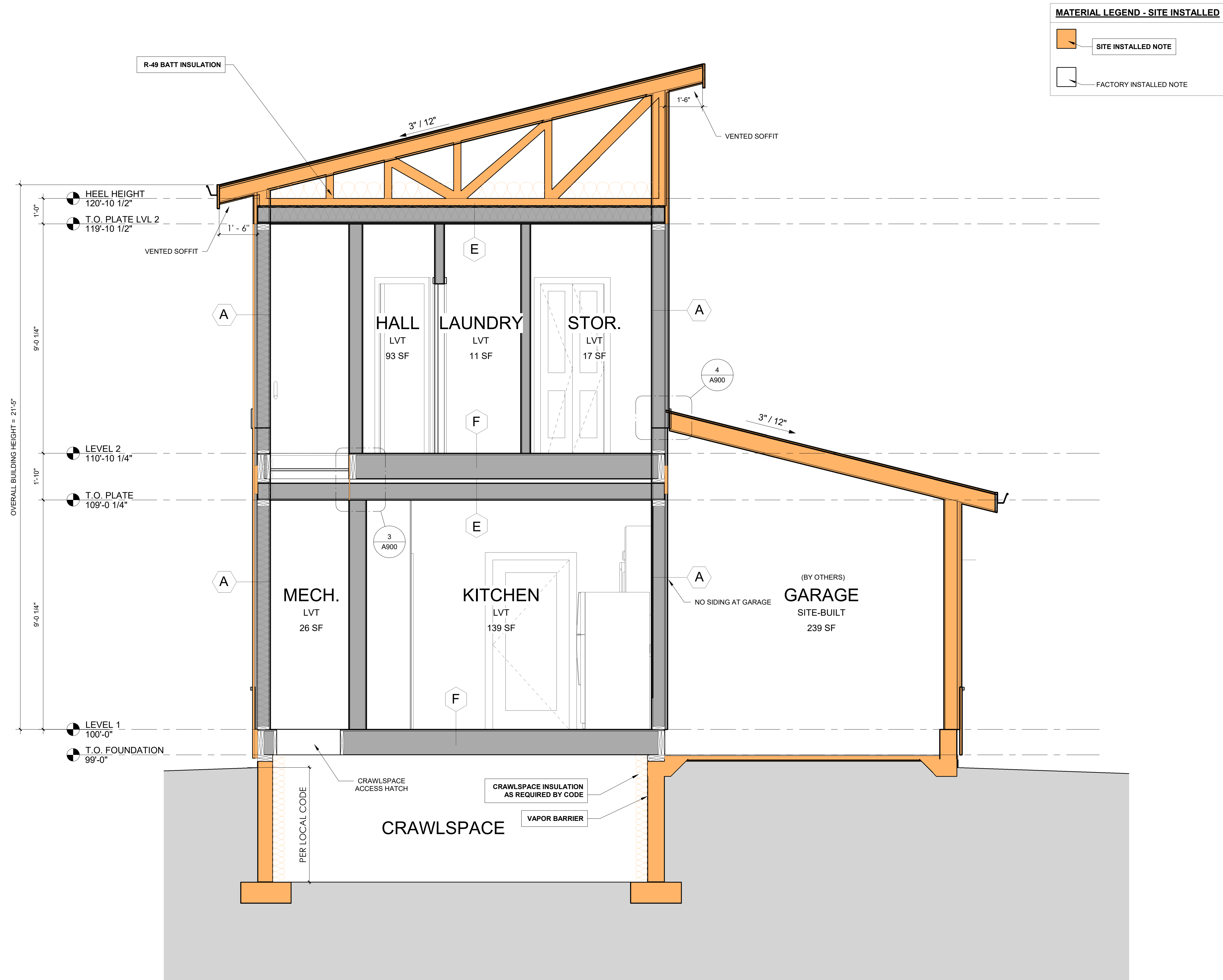


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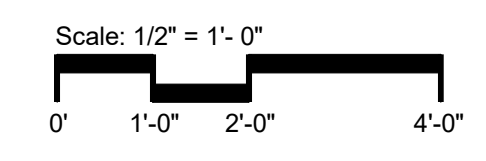
ELEVATIONS

A202



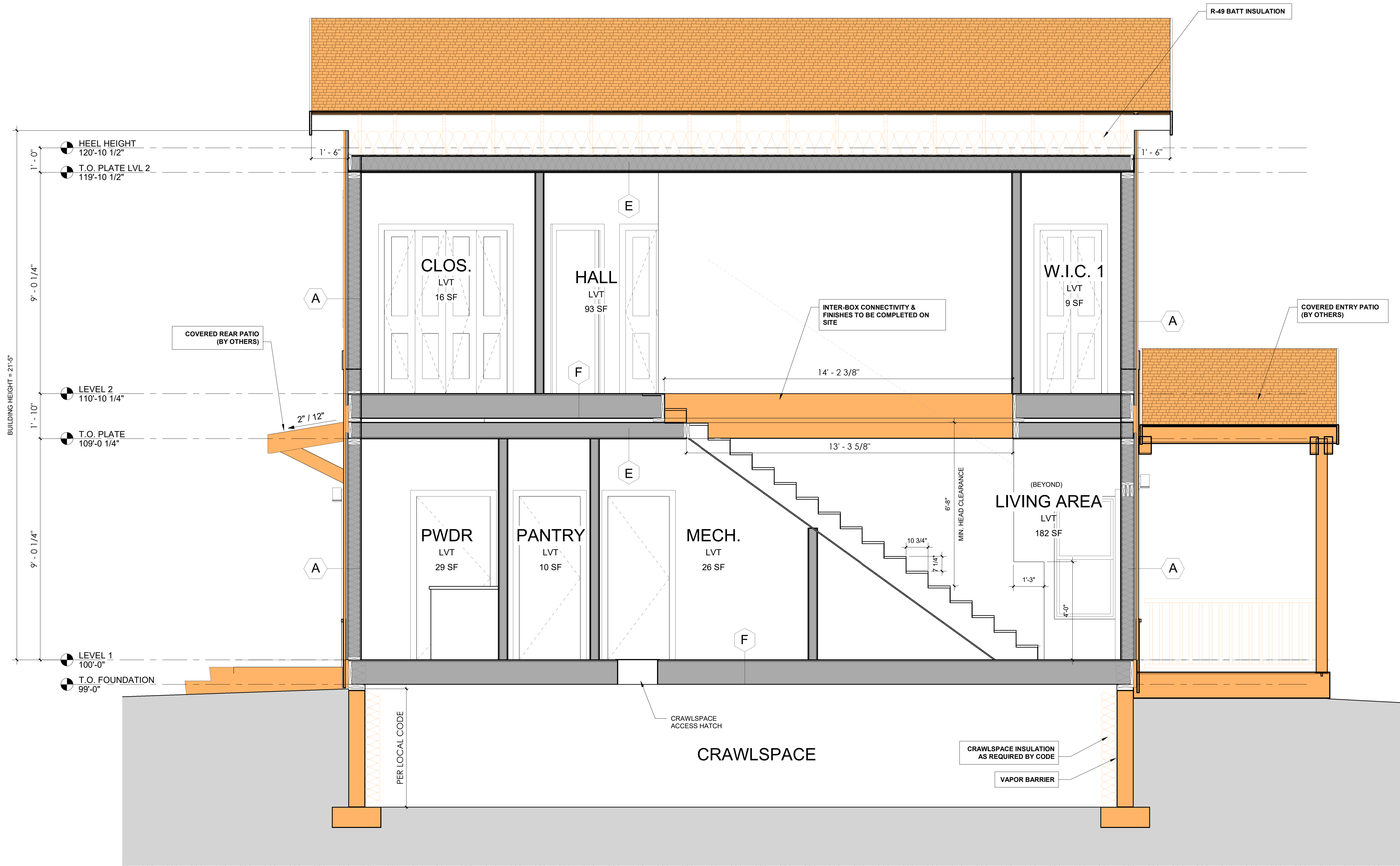


2 BLDG SECTION - CROSS SECTION
1/2" = 1'-0"

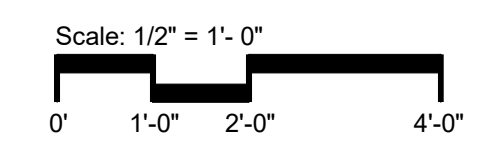


MATERIAL LEGEND - SITE INSTALLED

| | |
|--|------------------------|
| | SITE INSTALLED NOTE |
| | FACTORY INSTALLED NOTE |



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





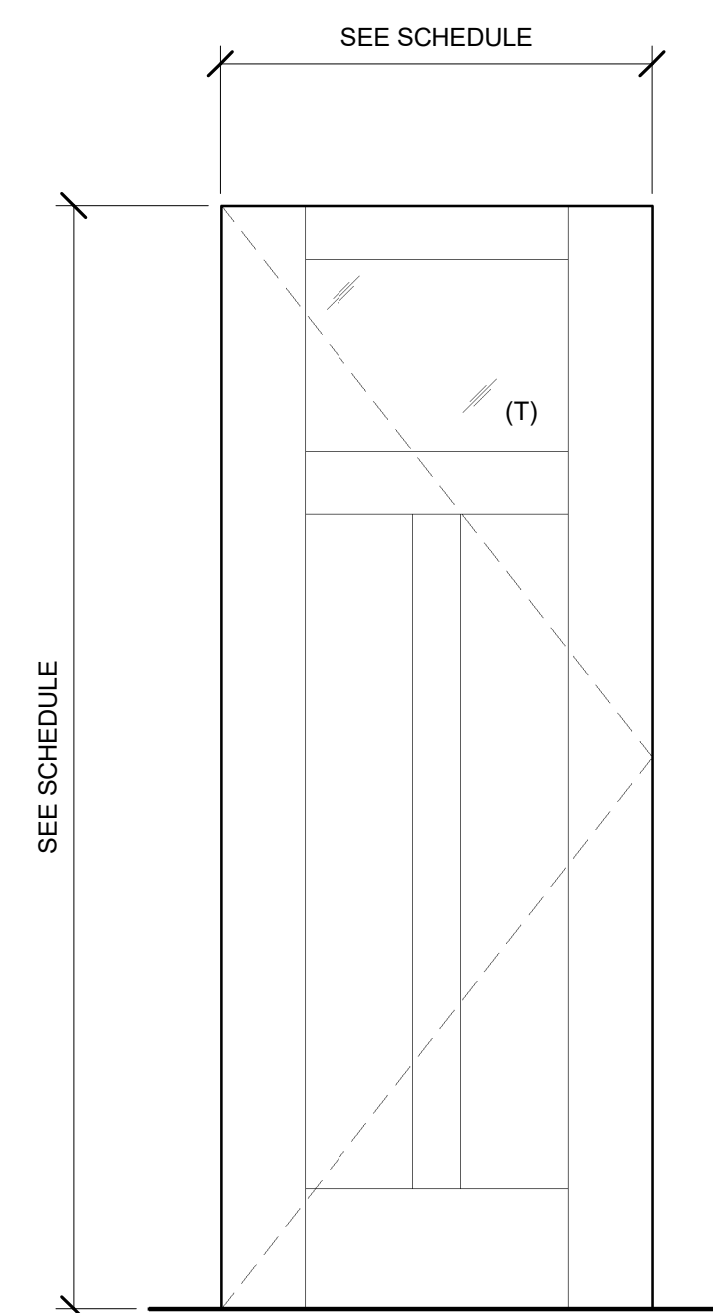
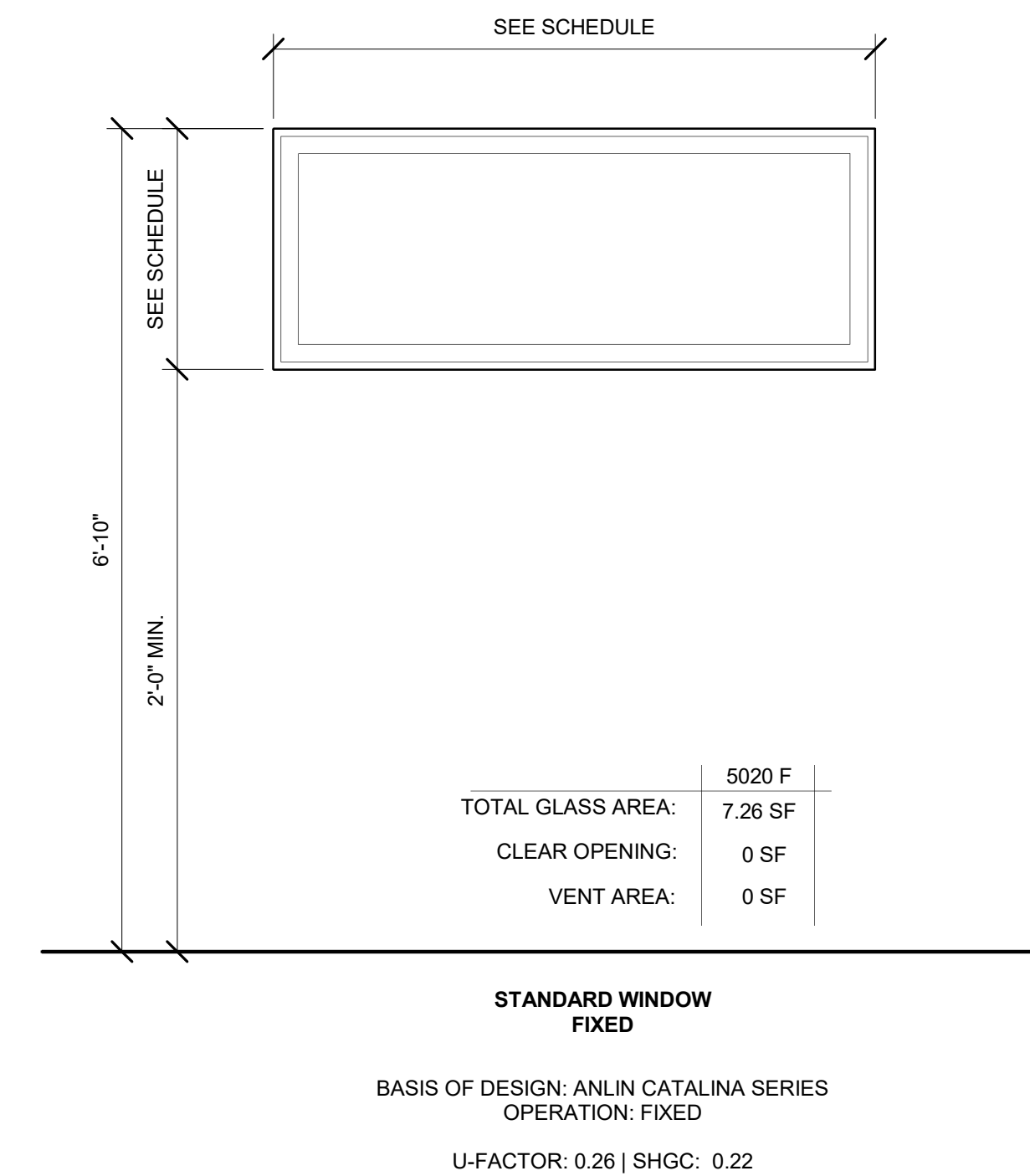
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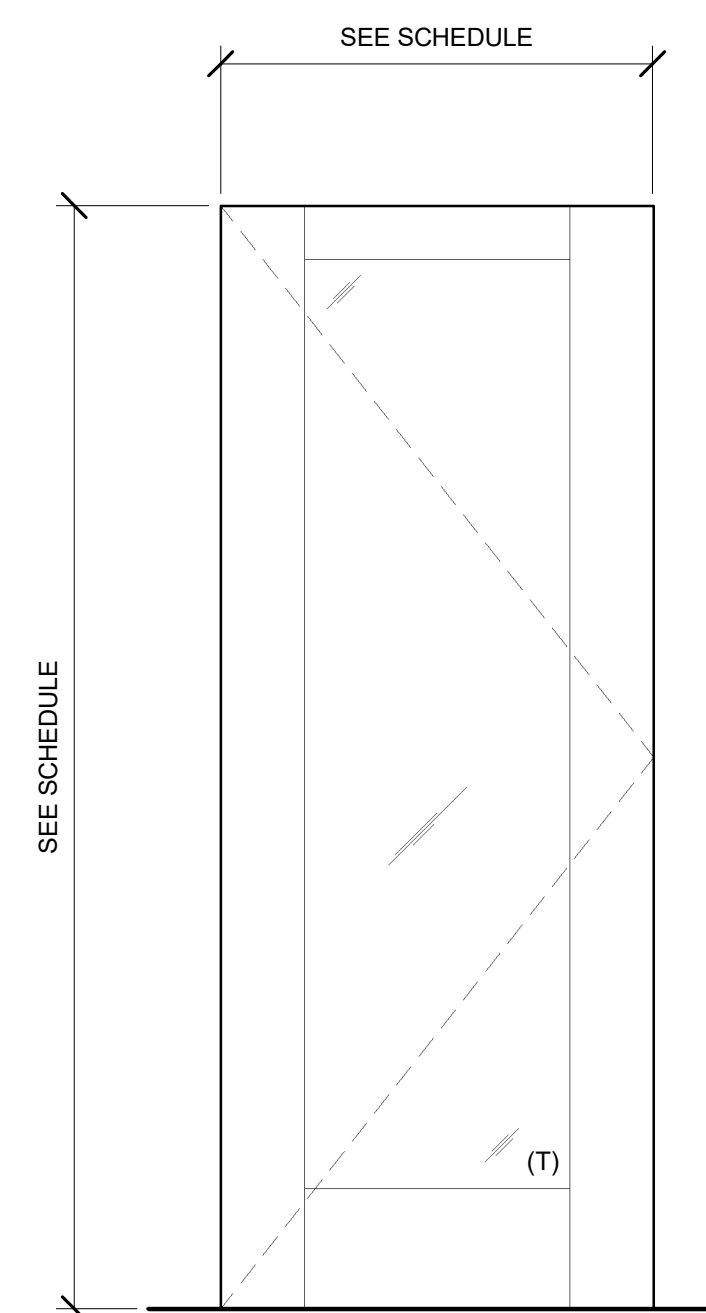
| Door Schedule | | | | |
|---------------|--------|--|---------------------------|-------|
| Width | Height | Type | Comments | Count |
| 2'-6" | 6'-8" | Door Bifold 2 Panel: 4-3080 | 2 PANEL BIFOLD | 3 |
| 5'-0" | 6'-8" | Door Bifold 4 Panel1: 5-6080 | 4 PANEL BIFOLD | 1 |
| 3'-0" | 6'-8" | Door Flush Adj Swing2: 3'-0"x6'-8" - 20 Min Rated | EXT SW 20 MIN. RATED | 1 |
| 2'-6" | 6'-8" | Door Flush Left Swing: 2'-6"x6'-8" | INT SW | 2 |
| 2'-6" | 6'-8" | Door Flush Right Swing: 2'-6"x6'-8" | INT SW | 3 |
| 3'-0" | 6'-8" | Door Flush Right Swing: 3'-0"x6'-8" | INT SW | 1 |
| 3'-0" | 6'-8" | Exterior Door Front Door1: 1.1-3680 | FRONT DOOR (QUARTER LITE) | 1 |
| 9'-0" | 8'-0" | Overhead-Sectional_Decorative_Door001_2346: 8' x 6'-6" | SITE-BUILT BY OTHERS | 1 |
| 3'-0" | 6'-8" | Single-Full Glass: 36" x 84" | REAR DOOR (FULL LITE) | 1 |

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



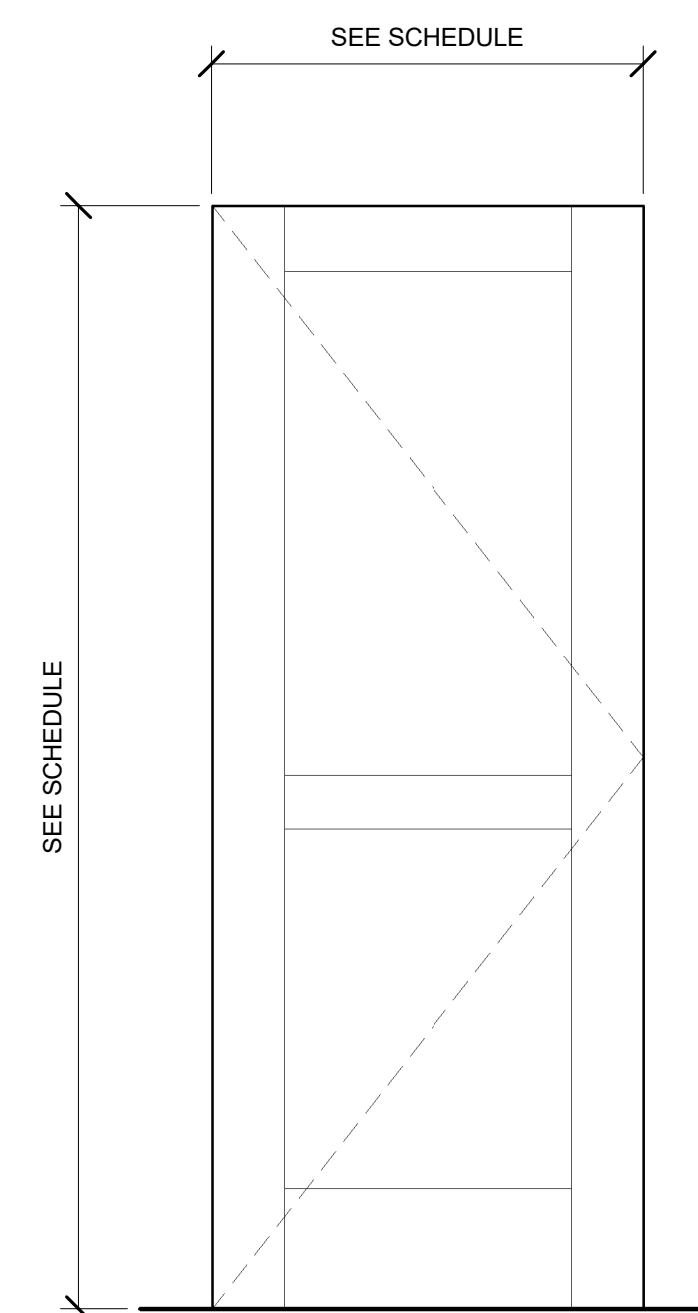
**EXTERIOR (FRONT) DOOR
QUARTER LITE**
Basis of Design: Trimlite Builders Series One-Lite Fiberglass Door
U-FACTOR: 0.18
SHGC: 0.15

| |
|---------------------------|
| 36" wide door |
| TOTAL GLASS AREA: 2.44 SF |

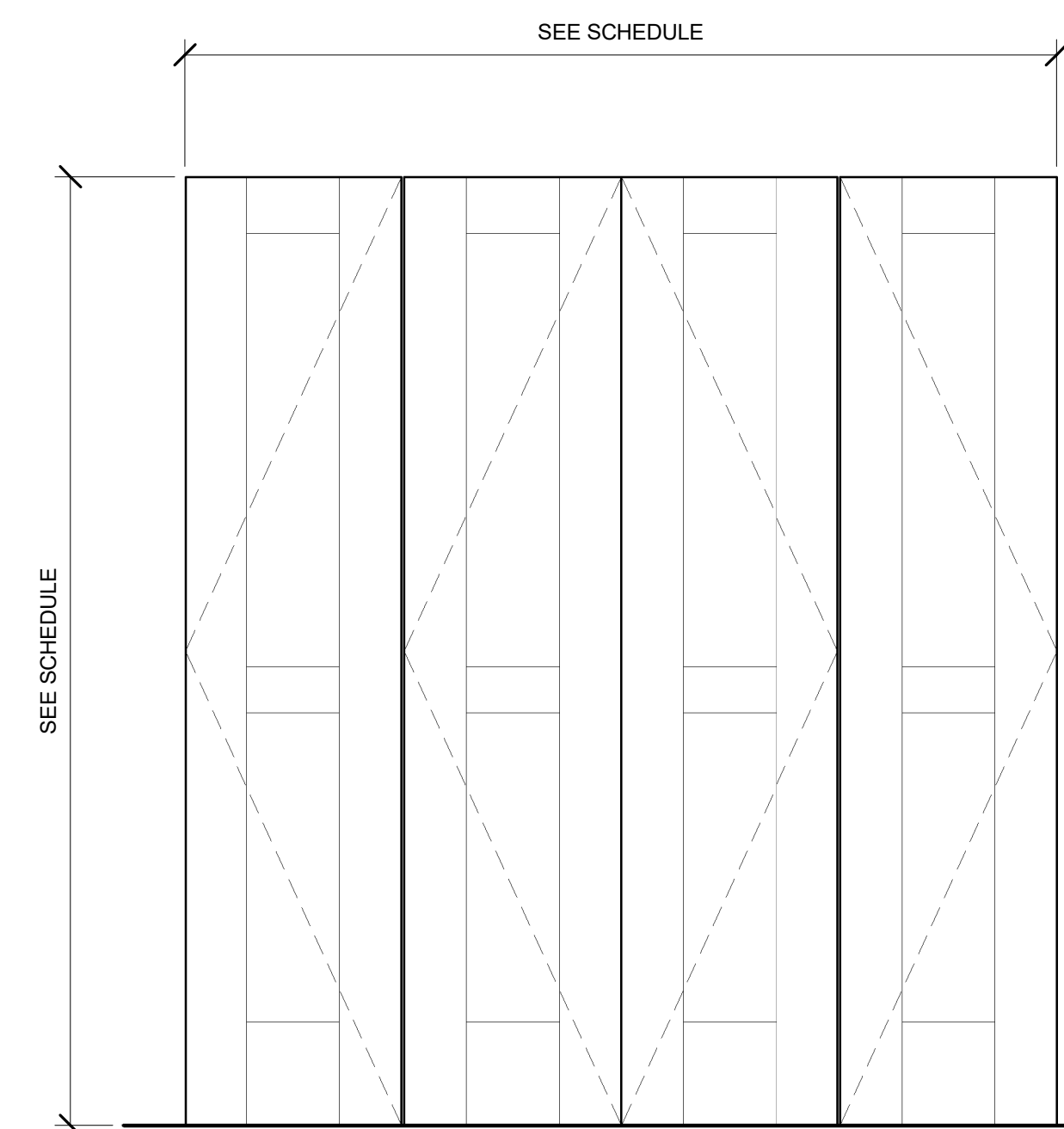


**EXTERIOR (SIDE/REAR) DOOR
FULL LITE**
Basis of Design: Trimlite Builders Series One-Lite Fiberglass Door
U-FACTOR: 0.25
SHGC: 0.15

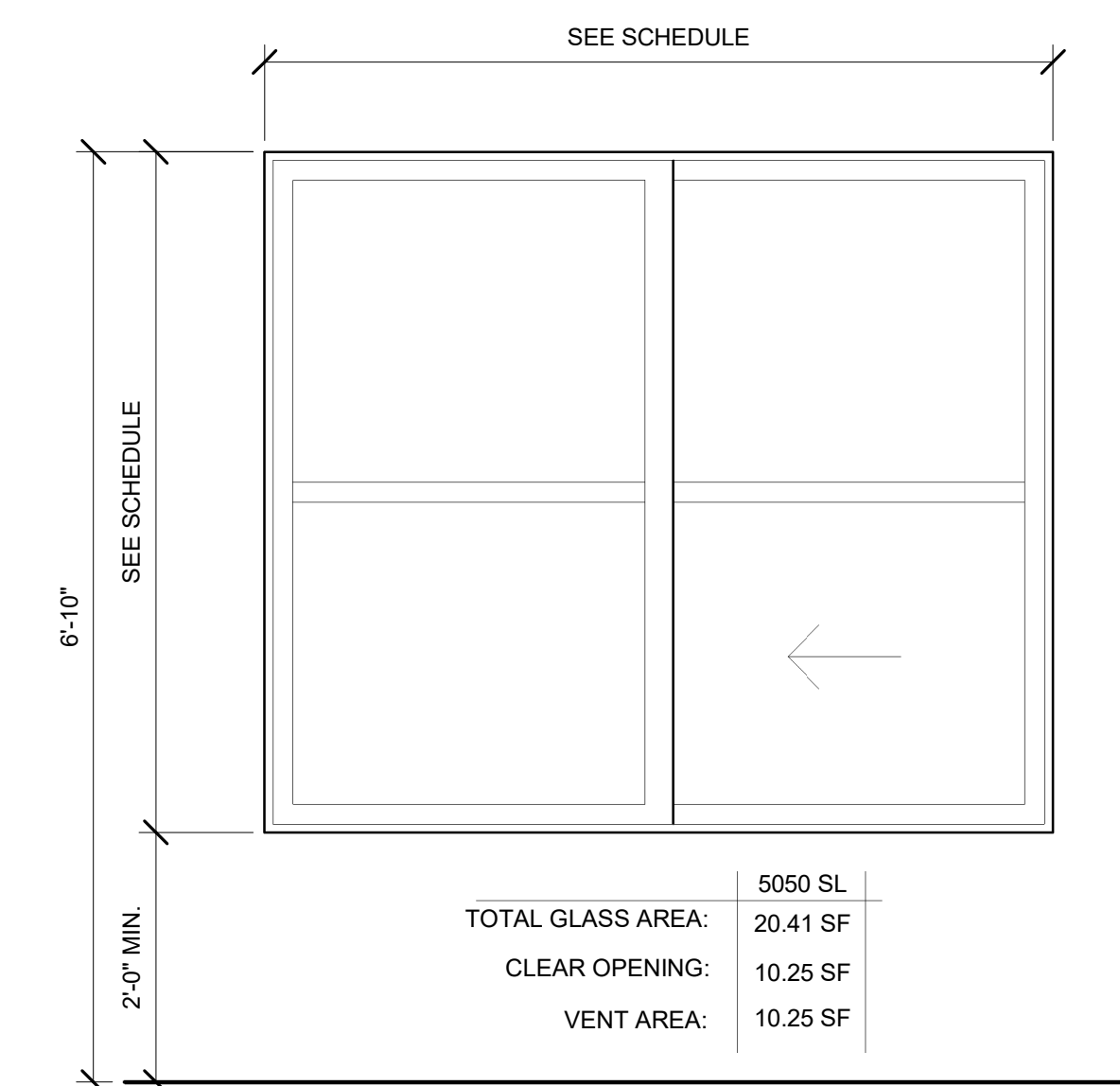
| |
|----------------------------|
| 36" wide door |
| TOTAL GLASS AREA: 11.84 SF |



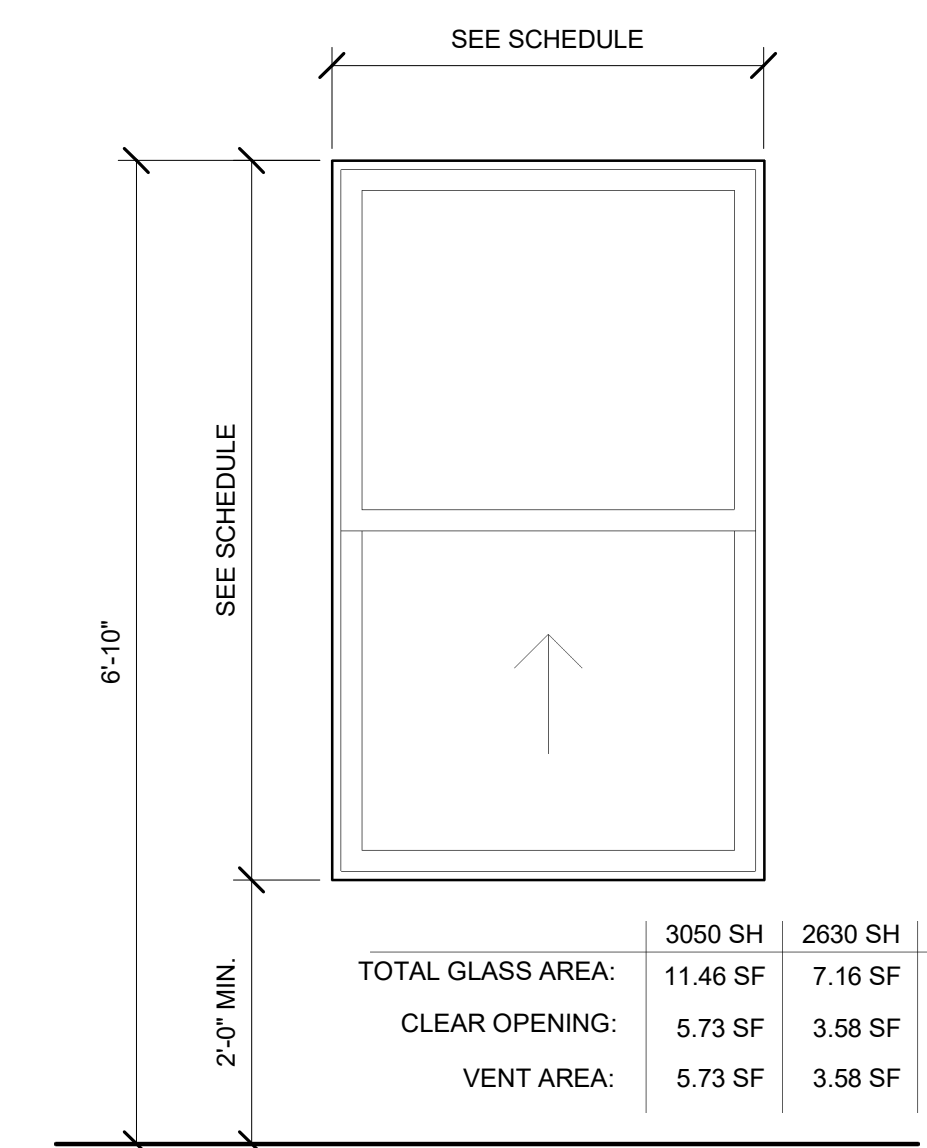
INTERIOR SWING DOOR



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



ANTERO 16

2024-03_IG

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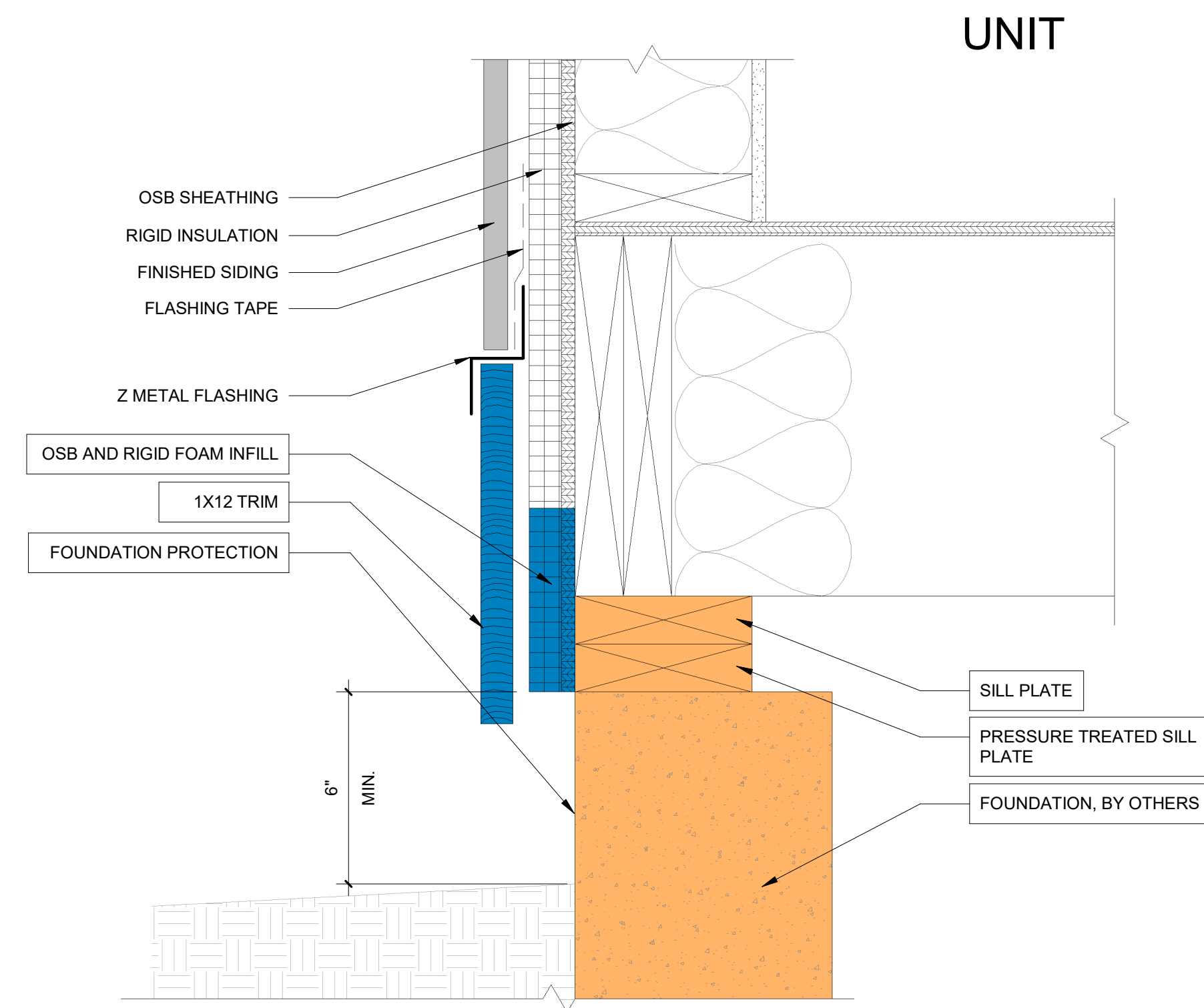
Ignacio, CO

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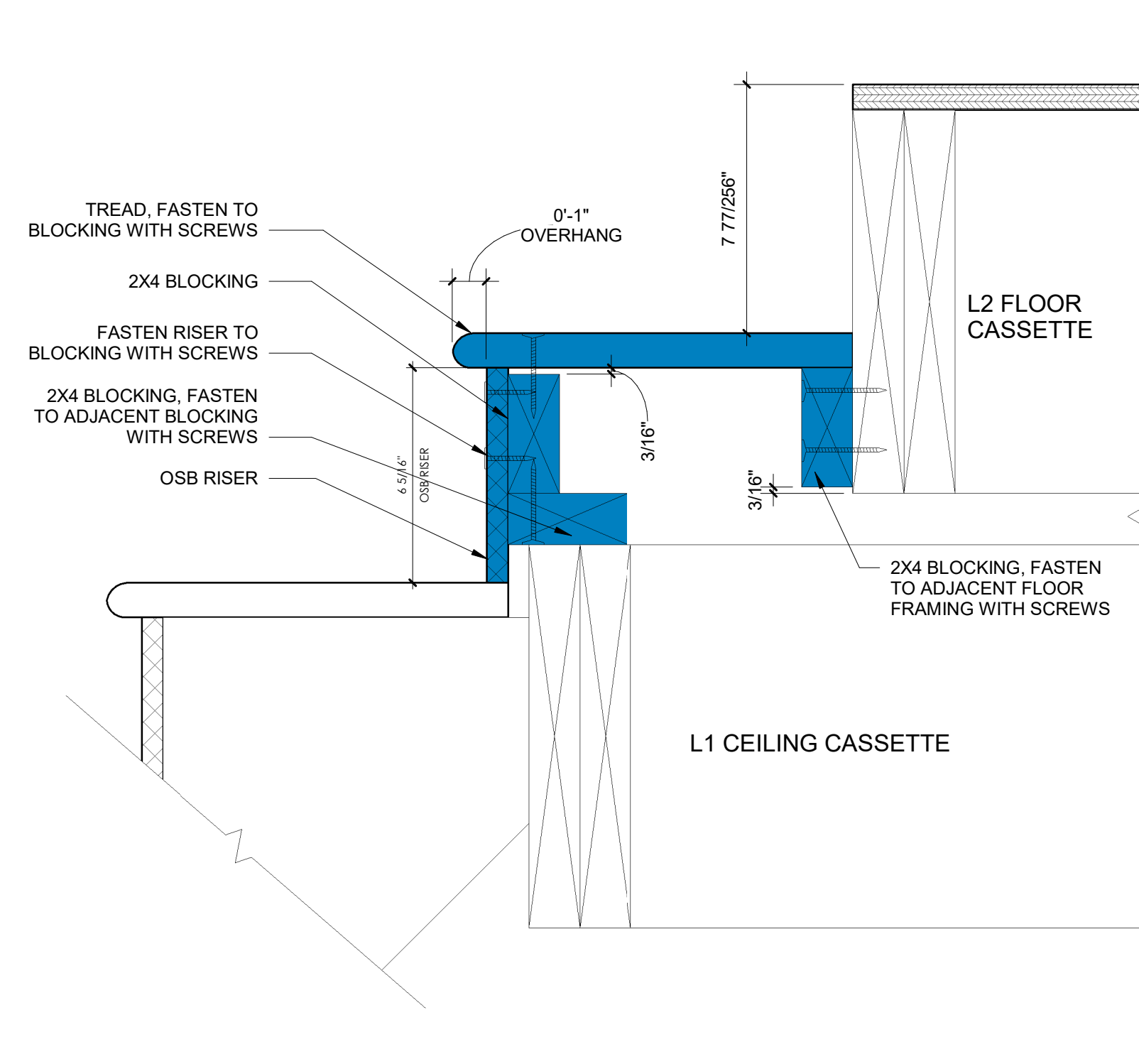
WINDOW/DOOR SCHEDULES

A400

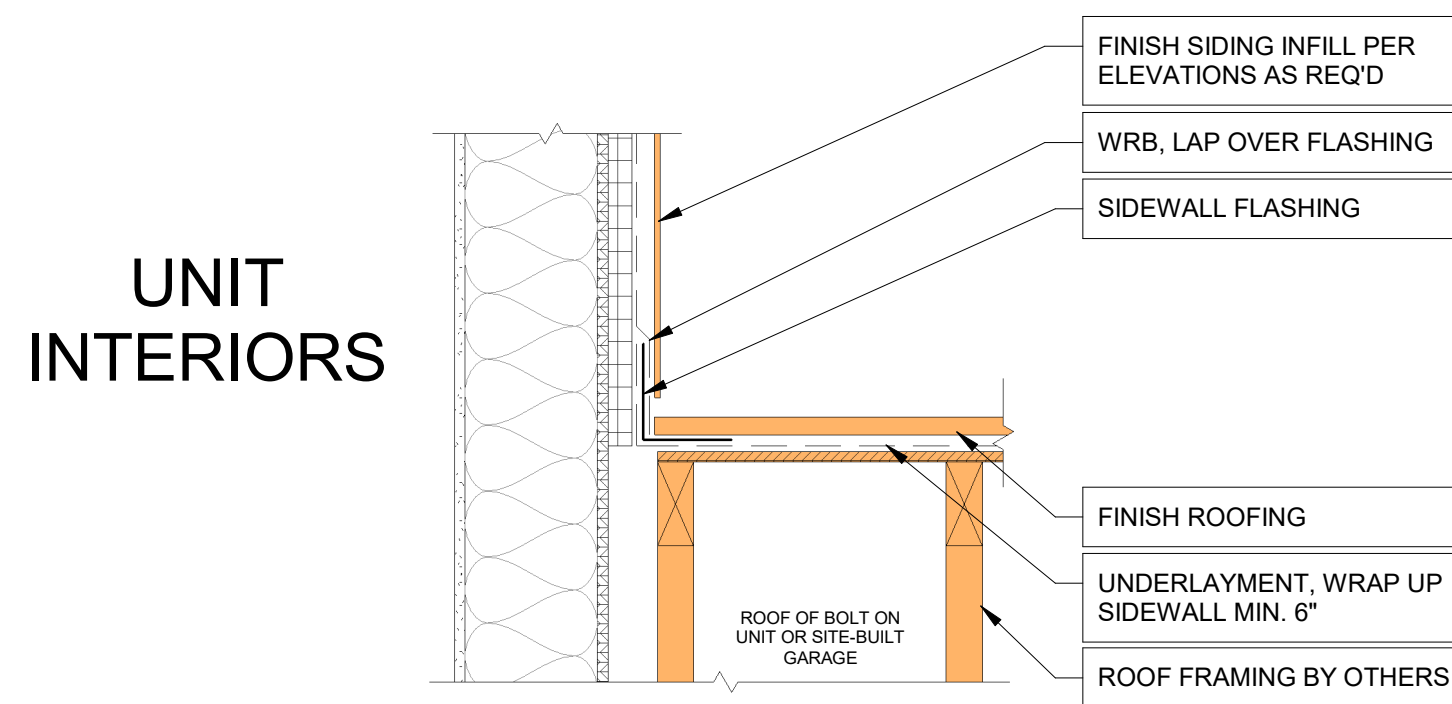
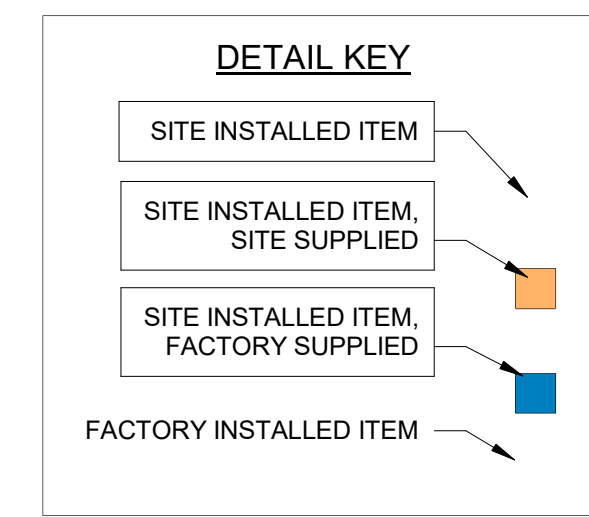
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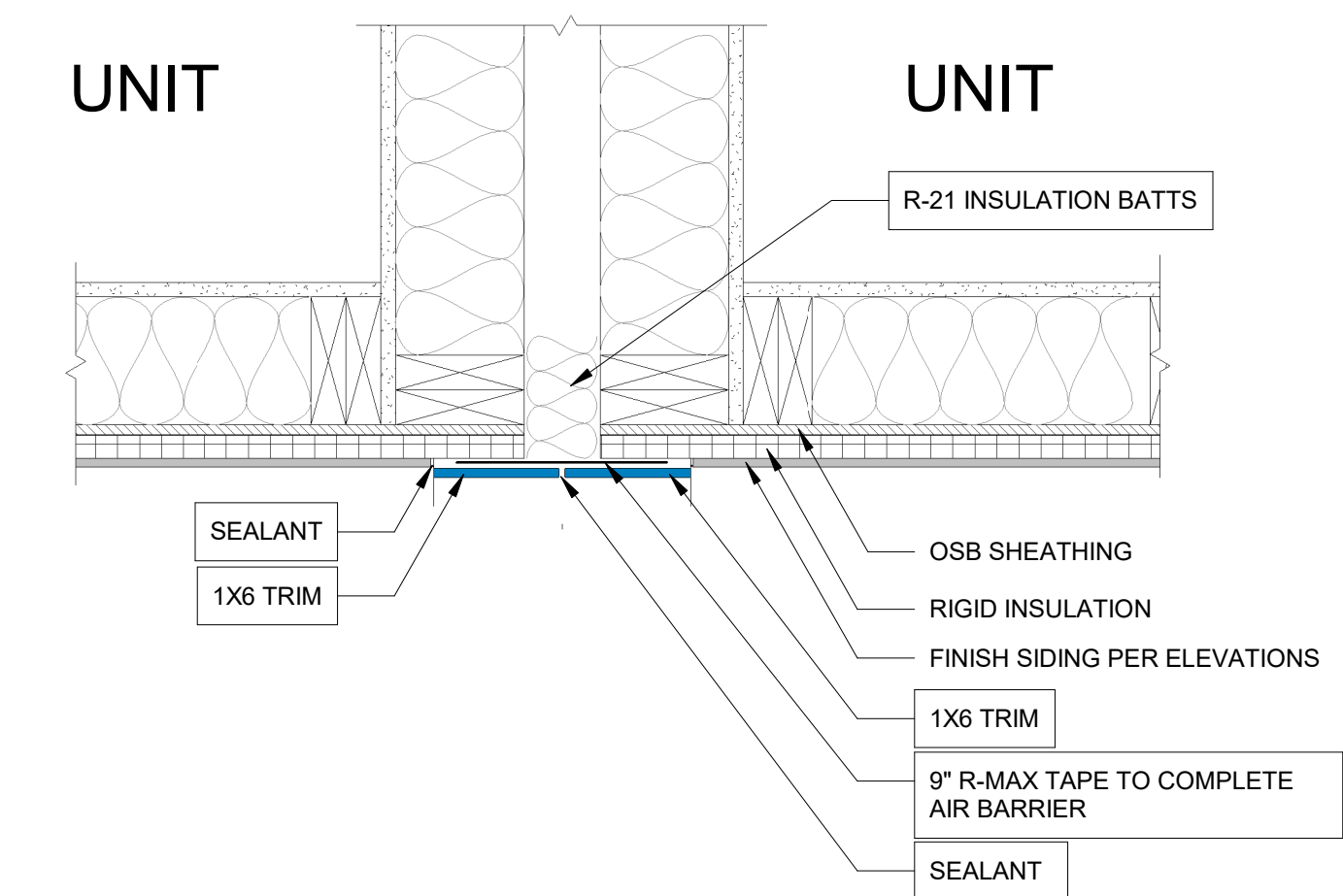
6 TRIM @ L1 FLOOR
3" = 1'-0" SECTION VIEW



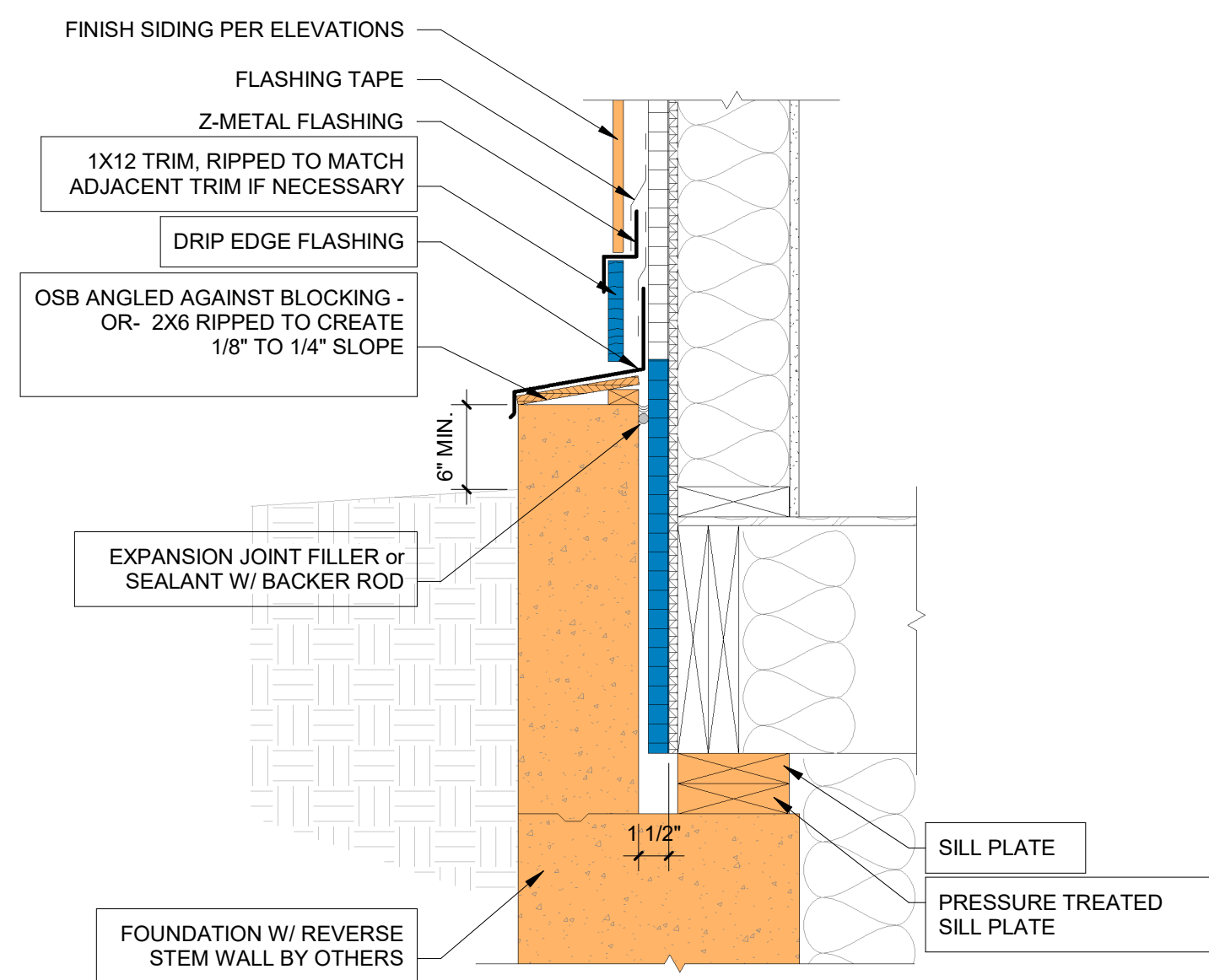
5 TOP STAIR TREAD INFILL ATTACHMENT
3" = 1'-0" SECTION VIEW



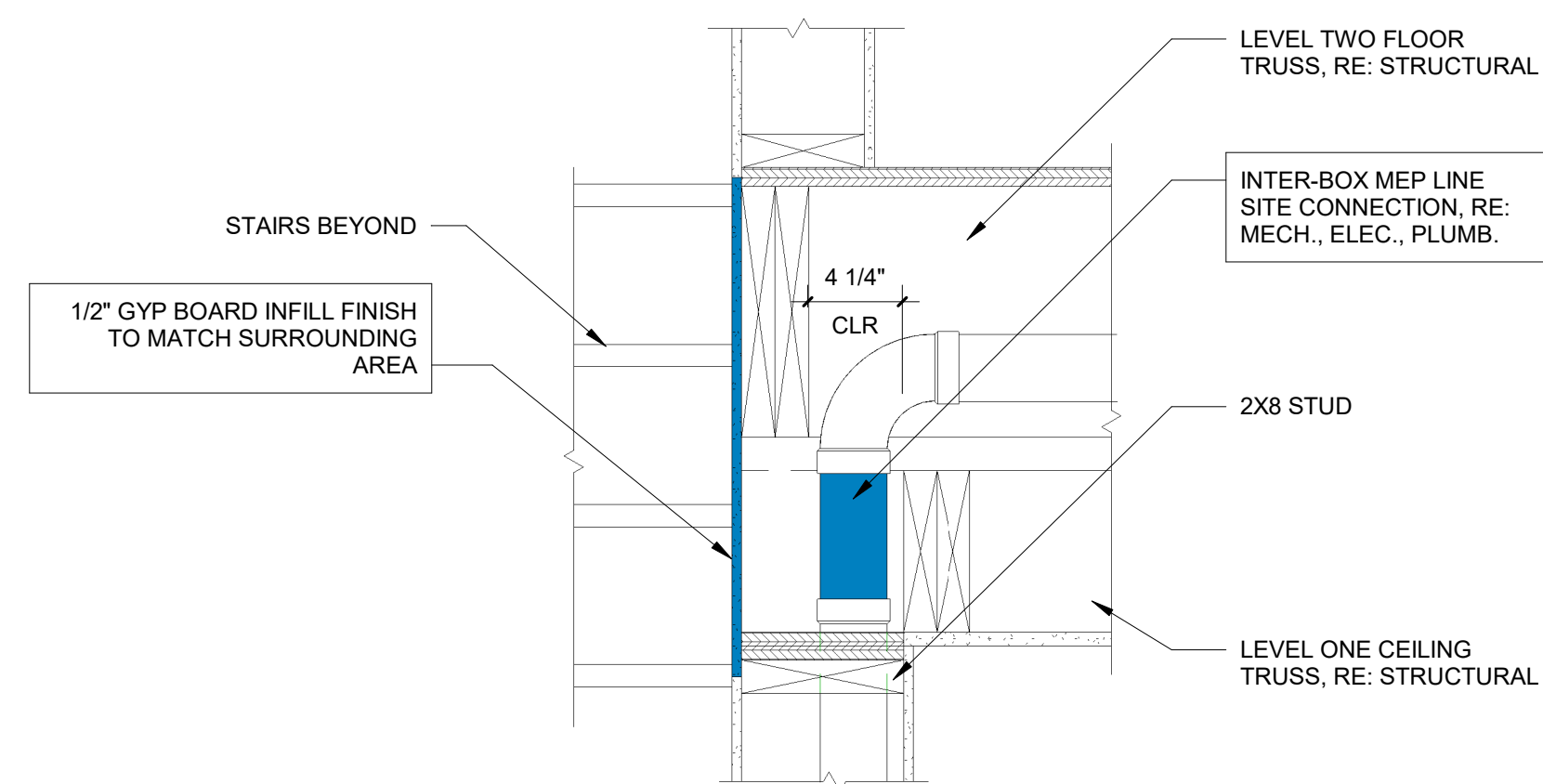
4 SIDEWALL FLASHING & STEPPED ROOF
1 1/2" = 1'-0" SECTION VIEW



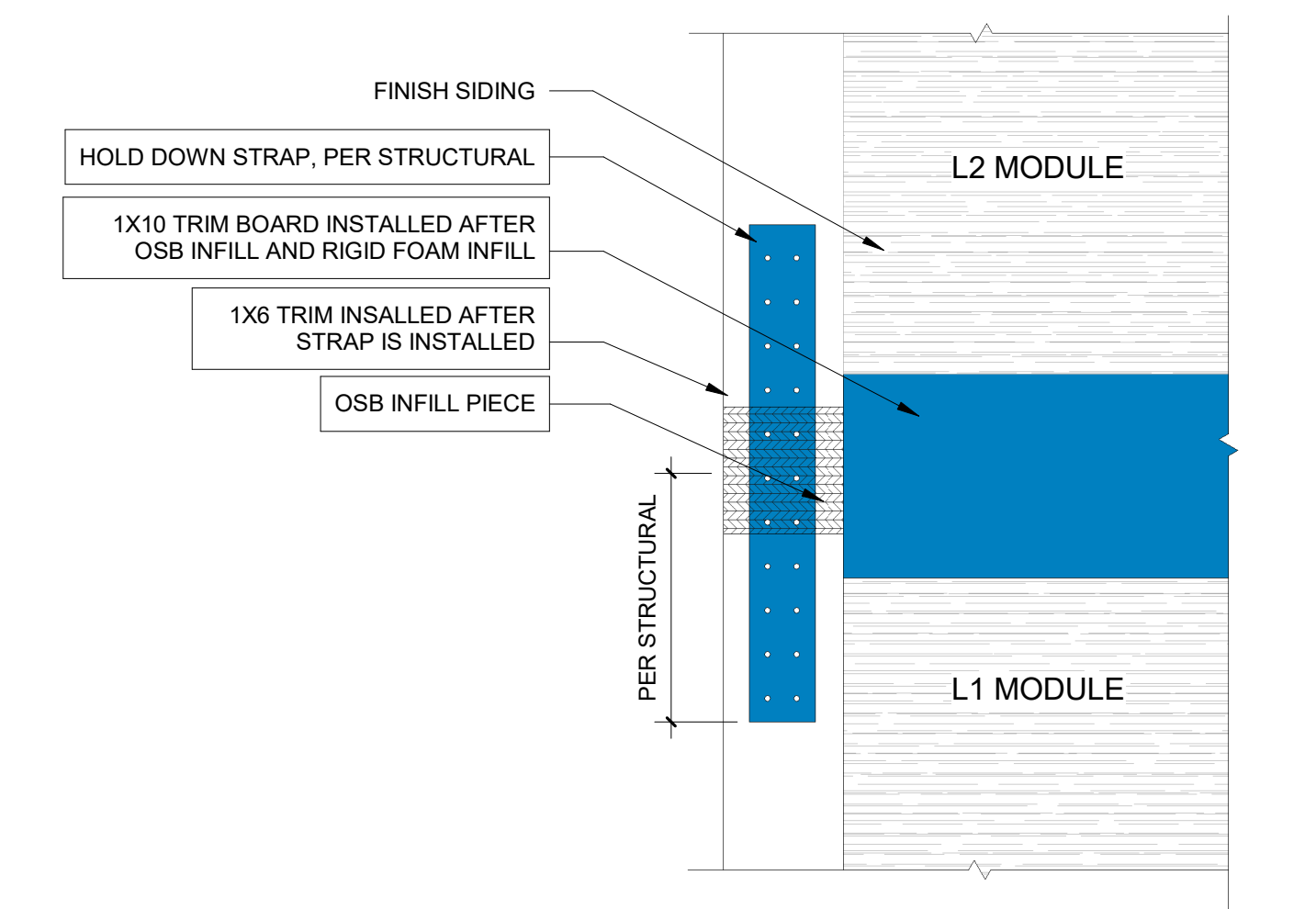
2 MATELINE TYPICAL TRIM
1 1/2" = 1'-0" PLAN VIEW



7 SIDING TERMINATION @ REVERSE STEM WALL
1 1/2" = 1'-0" SECTION VIEW



3 MEP CONNECTIVITY POCKET @ STAIR WALL
1 1/2" = 1'-0" SECTION VIEW



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