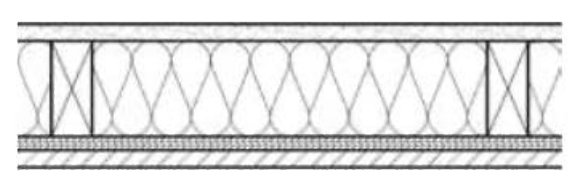


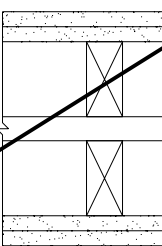
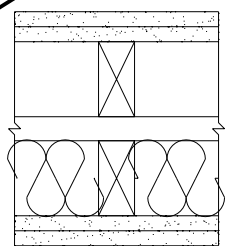
GYPSUM BOARD PARTITIONS – WOOD FRAMING (LOAD BEARING) – EXTERIOR WALLS

Item No.	Fire Rating	UL/GA Design	Description
	1 Hr.	U356	5/8 in. (15.9 mm) Fire-Shield Gypsum Board applied vertically to one side of 2x4 (38.1 mm x 88.9 mm) wood studs 16 in. (406 mm) o.c. with 1-7/8 in. (47.6 mm) long, 6d coated nails 7 in. (178 mm) o.c. 7/16 in. (11.1 mm) wood structural panels applied vertically or horizontally to opposite side with 1-7/8 in. (47.6 mm) long, 6d coated nails 6 in. (152 mm) o.c. at vertical joints and 12 in. (305 mm) o.c. at intermediate studs. Vertical joints staggered and horizontal joints backed by wood blocking. 3-1/2 in. (88.9 mm) glass fiber or mineral wool insulation friction fit between studs. Vinyl, particle board, wood, aluminum or fiber-cement siding, stucco, EIFS, or brick veneer applied over wood structural panels. Fire rating from interior side only unless brick veneer is used.

TESTED ASSEMBLY FOR WALL 1B

Scale: 3/4" = 1'-0"

WALLS AND INTERIOR PARTITIONS, WOOD-FRAMED

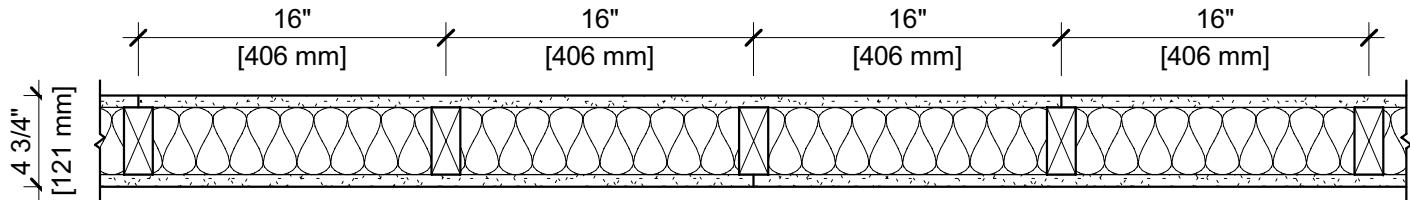
GA FILE NO. WP 3820	GENERIC	2 HOUR FIRE	55 to 58 STC SOUND
<b>GYPSUM WALLBOARD, WOOD STUDS</b>  Base layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side of double row of 2 x 4 wood studs 16" o.c. on separate plates 1" apart with 6d coated nails, 1 7/8" long, 0.085" shank, 1/4" heads, 24" o.c. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to each side with 6d coated nails, 2 3/8" long, 0.100" shank, 1/4" heads, 8" o.c.  Joints staggered 16" each layer and side. Sound tested with 3 1/2" glass fiber insulation stapled to studs in stud spaces on one side and with nailer base layer spaced 6" o.c. Horizontal bracing required at mid-height. (LOAD-BEARING)  Thickness: 10 3/4" Approx. Weight: 13 psf Fire Test: See WP 4135 (FM WP 360, 9-27-74) Sound Test: NGC 3056, 4-7-70			

TESTED ASSEMBLY FOR WALL 13

Scale: 3/4" = 1'-0"

DESIGN NO. UL U305

FIRE RATING: 1 HOUR  
STC RATING: 34  
SOUND TEST: RAL-TL11-130  
SYSTEM THICKNESS: 4-3/4" [121 MM]  
LOCATION: INTERIOR  
FRAMING TYPE: WOOD STUD (LOAD-BEARING)



ASSEMBLY REQUIREMENTS:

GYPSUM PANELS: ONE LAYER 5/8" [15.9 MM] SHEETROCK® GYPSUM PANEL MOLD TOUGH® (UL TYPE SCX)  
WOOD STUDS: 2" X 4" [38 X 89 MM] WOOD STUDS, 16" [406 MM] O.C.  
INSULATION: 3-1/2" [89 MM] FIBERGLASS INSULATION  
GYPSUM PANELS: ONE LAYER 5/8" [15.9 MM] SHEETROCK® GYPSUM PANEL MOLD TOUGH® (UL TYPE SCX)

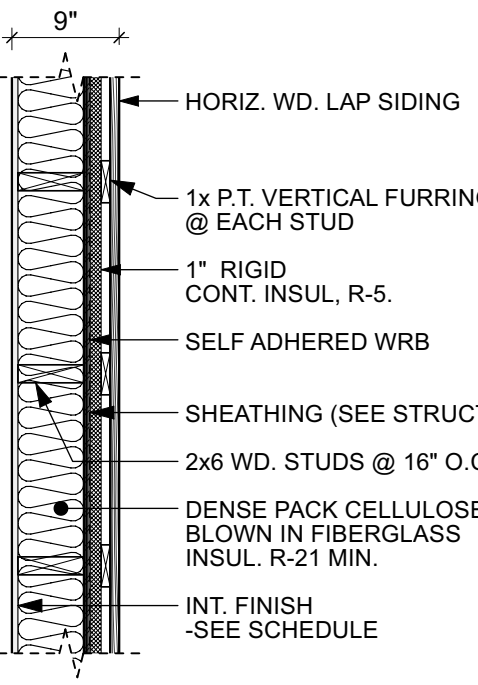
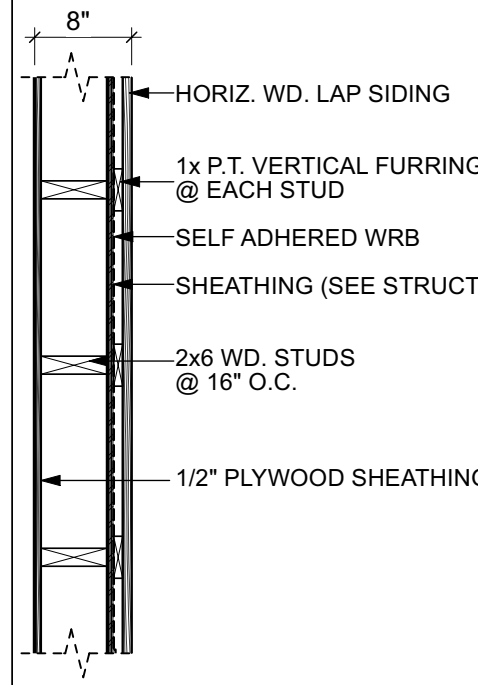
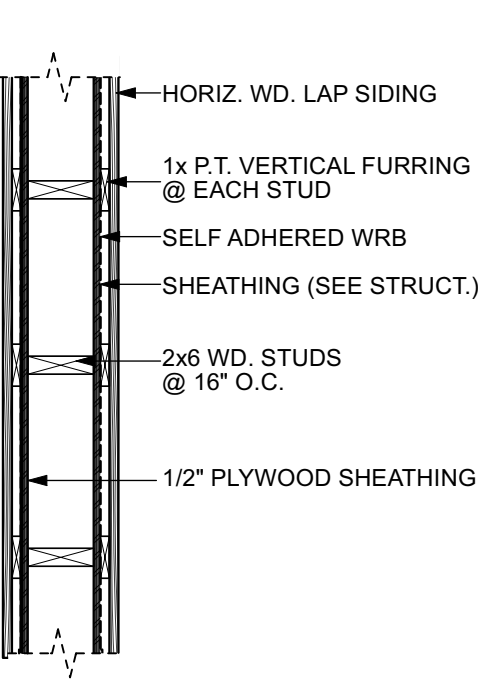
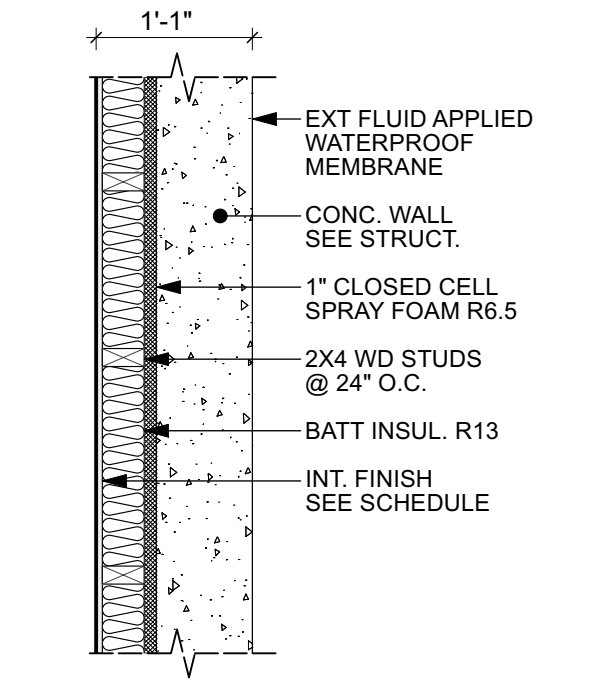
UL U305

3

TESTED ASSEMBLY FOR WALL 13

Scale: 3/4" = 1'-0"

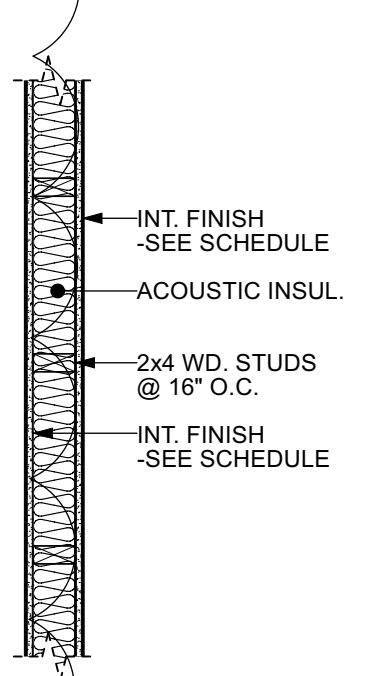
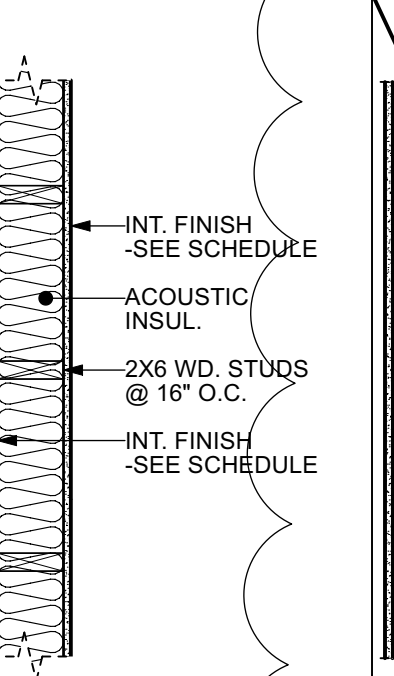
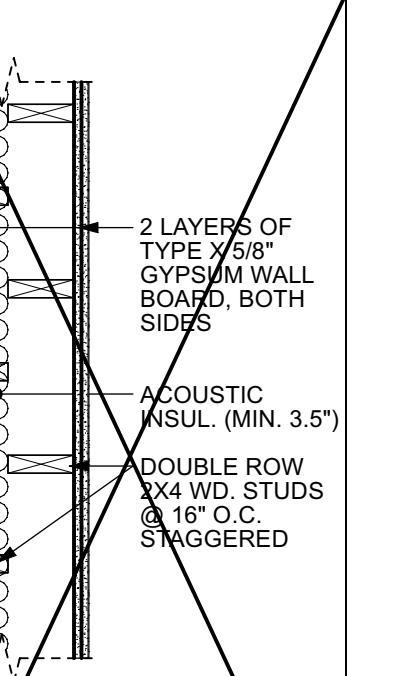
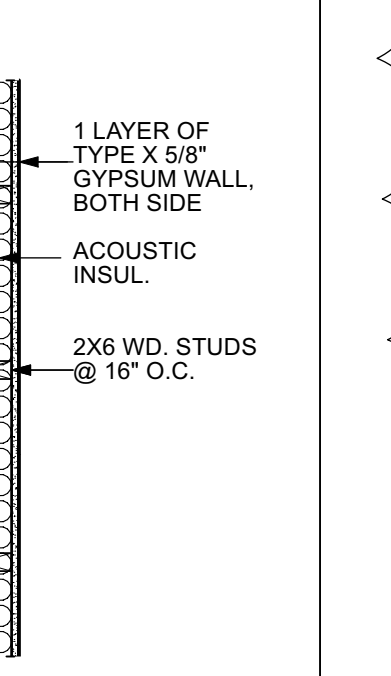
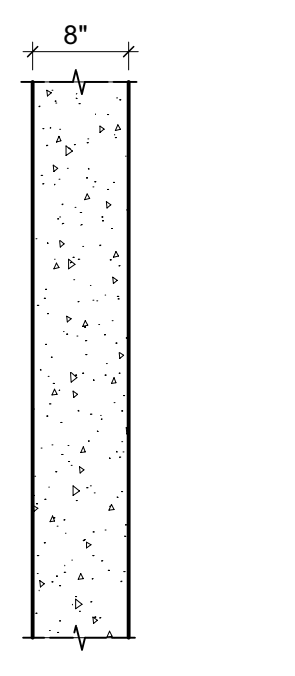
EXTERIOR WALL ASSEMBLIES

			
R VALUE = R-26	R VALUE = N/A	R VALUE = N/A	R VALUE = R-21 C-VALUE = .059 (MAX C-VALUE = .063 REQ'D)
1A NON-FIRE RESISTANT WALL 1B 1 HOUR FIRE RESISTANT WALL	2	3	4

NOTE:  
PER 2017 OREGON RESIDENTIAL SPECIALTY CODE R302.4.1.2  
PENETRATIONS IN FIRE-RESISTANCE RATED ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479, WITH A POSITIVE PRESSURE DIFFERENTIAL OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL OR FLOOR CEILING ASSEMBLY PENETRATED.

NOTE:  
PER 2017 OREGON RESIDENTIAL SPECIALTY CODE R302.3  
IN THE CASE THAT THE BUILDING BECOMES A DUPLEX, WE ARE DESIGNING THE WALL BETWEEN THE TWO DWELLINGS PER THE TWO-FAMILY DWELLING SECTION REQUIRING A 1-HOUR CONTINUOUS WALL

INTERIOR WALL ASSEMBLIES

				
R VALUE = NA	R VALUE = NA	R VALUE = NA FIRE RATING = 1HR STC VALUE = 58	R VALUE = NA FIRE RATING = 1HR STC VALUE = NA	R VALUE = NA
11	12	13	13	5

PROJECT DESCRIPTION

MAJOR RESIDENTIAL ADDITION (ADDING MORE THAN 500 SF) TO SINGLE FAMILY HOME, THREE FLOORS OF NEW CONSTRUCTION INCLUDING BASEMENT, FIRST AND SECOND LEVELS.

SITE INFORMATION

ADDRESS / LOCATION: 5829 SE SALMON STREET  
PORTLAND, OR 97215

PROPERTY ID: R332773  
TAX ROLL: SECTION 06 1S 2E, TL 5800 0.27 ACRES  
JURISTICTIION: 1S2E06AD -05800  
STATE ID: CITY OF PORTLAND  
ZONING: R5 - RESIDENTIAL 5,000  
PARGEL SIZE: .27 ACRES (11,800 SF)  
EXISTING BUILDING AREA: 2,160 SF  
EXISTING BUILDING USE: SINGLE FAMILY RESIDENTIAL

PLANNING CODE SUMMARY - (TITLE 33, CHAPTER 33.110 - SINGLE-DWELLING ZONES)

DEVELOPMENT STANDARDS	30 FT
MAXIMUM HEIGHT	
MINIMUM SETBACKS	10 FT
- FRONT BUILDING SETBACK	5 FT
- SIDE BUILDING SETBACK	5 FT
- REAR BUILDING SETBACK	18 FT
- GARAGE ENTRANCE SETBACK	250 SF
MINIMUM REQUIRED OUTDOOR AREA	2,250 SF + 15% OF LOT AREA OVER 5,000 SF
MAXIMUM BUILDING COVERAGE	2,250 SF + (15% x 6,800 SF) = 3,270 SF

BUILDING INFORMATION

BUILDING CODE: 2017 OREGON RESIDENTIAL SPECIALTY CODE WITH THE 2021 ORSC CHAPTER 1 PROVISIONS

# OF STORIES: 2 EXISTING - NO CHANGE  
BUILDING HEIGHT: 30' ALLOWED, 25'-7" PROPOSED

BUILDING AREA: EXISTING: BASEMENT: 1,270 SF  
- FIRST LEVEL: 1,270 SF  
- SECOND LEVEL: 919 SF  
PROPOSED ADDITION: BASEMENT: 1,359 SF  
- FIRST LEVEL: 1,359 SF (+198 SF OF DECK)  
- SECOND LEVEL: 958 SF (+112 SF OF BALCONY) TOTAL: 3,459 SF

TOTAL SQUARE FOOTAGE: 3,459 SF EXISTING + 3,676 PROPOSED = 7,135 SF

BUILDING COVERAGE: 3,270 SF ALLOWED, 2,629 SF PROPOSED

ENERGY EFFICIENCY - (PER 2017 OREGON RESIDENTIAL SPECIALTY CODE CHAPTER 11)

THIS PROJECT IS FOLLOWING THE STANDARDS OF SECTION N1101.3 , ADDITIONS

SECTION N1101.3.1, LARGE ADDITIONS  
-ADDITIONS THAT ARE EQUAL TO OR MORE THAN 40% OF THE EXISTING BUILDING HEATED FLOOR AREA OR 600 SF IN AREA, WHICHEVER IS LESS, SHALL BE REQUIRED TO COMPLY WITH TABLE N1101.1 (2)

PER TABLE N1101.1(1):  
PRESCRIPTIVE ENVELOPE REQUIREMENTS

WALL INSULATION (@ NEW WALLS):  
ABOVE GRADE: R-21 INTERMEDIATE  
FLAT CEILINGS: R-49  
VAULTED CEILINGS: R-30 (MUST BE LESS THAN 50% OF TOTAL ROOF AREA)

UNDERFLOORS: R-30  
WINDOWS: U-0.30  
EXTERIOR DOORS: U-0.20, W/2.5 SF GLAZING: U-0.40  
DUCT INSULATION: R-8

PER TABLE N1101.1(2):  
ADDITIONAL REQUIREMENTS

SECTION A : ENVELOPE ENHANCEMENT MEASURES, TABLE N1101.1(2)  
1. HIGH EFFICIENCY WALLS  
-EXTERIOR WALLS: U-0.045/R-21 CAVITY INSULATION + R-5 CONTINUOUS

SECTION B : CONSERVATION MEASURE, TABLE N1101.1(2)  
A. HIGH EFFICIENCYHVAC SYSTEM  
-GAS FIRED FURNACE OR BOILER AUE 94%



SEAL

LAURSEN / GLAZER  
ADDITION

5829 SE SALMON STREET  
PORTLAND, OR

DESCRIPTION	PROJECT #	DATE
PERMIT SET	19032	6/10/21
CHECKSHEET RESPONSE		8/24/21
CHECKSHEET RESPONSE		9/17/21
CONSTRUCTION SET		2/7/22
WALL TYPE REVISION		9/9/22

DRAWN BY:

WALL  
ASSEMBLIES &  
PROJECT INFO

G0.1



City Of Portland

telford + brown

studio

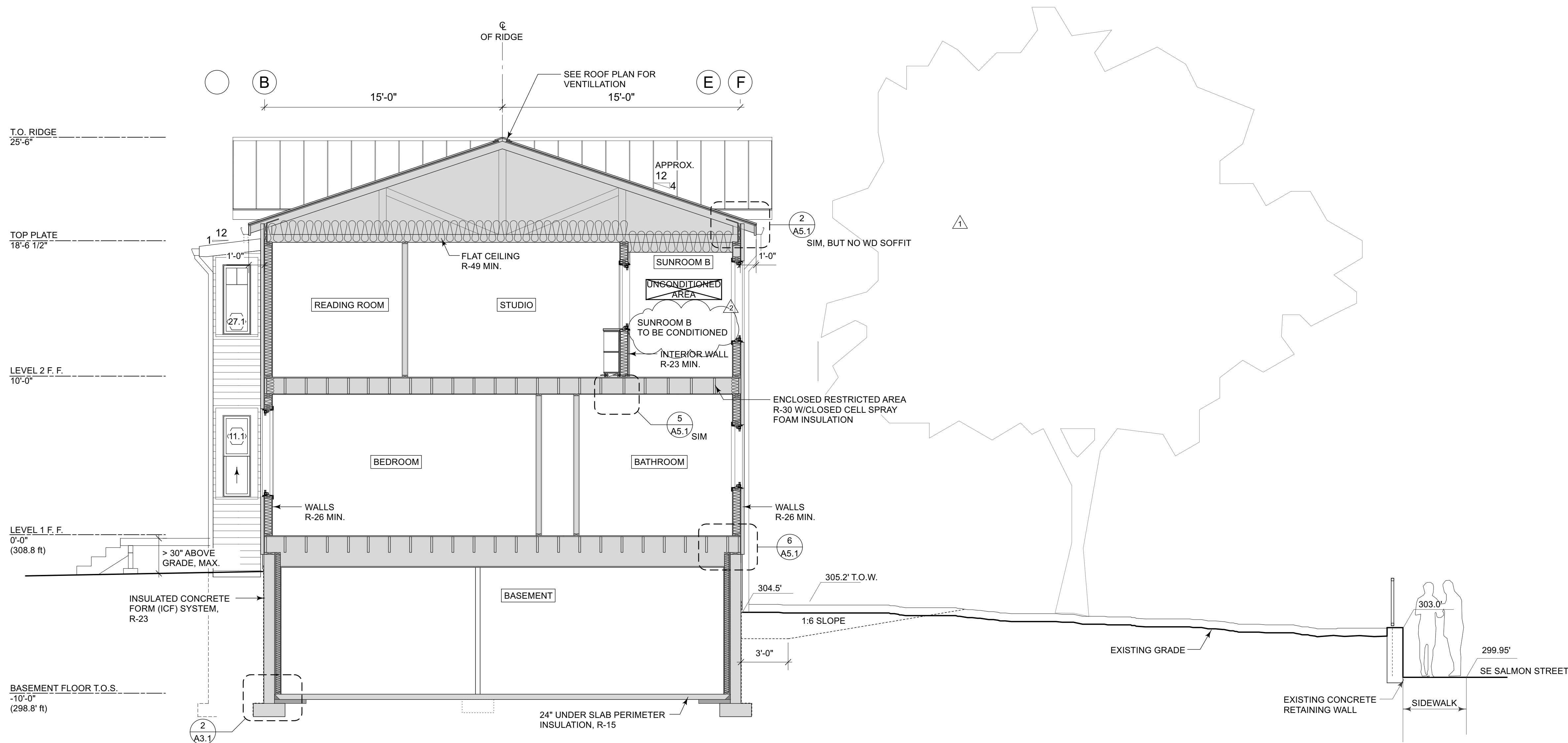
ARCHITECTURE

REVIEWED FOR  
CODE COMPLIANCE

239 NW 13th Avenue, Room 305  
Portland, OR 97209

Date: 10/14/22

Permit #: 21-081816-REV-01-RS



1 BUILDING SECTION  
Scale: 1/4" = 1'-0"

SEAL

LAURSEN / GLAZER  
ADDITION

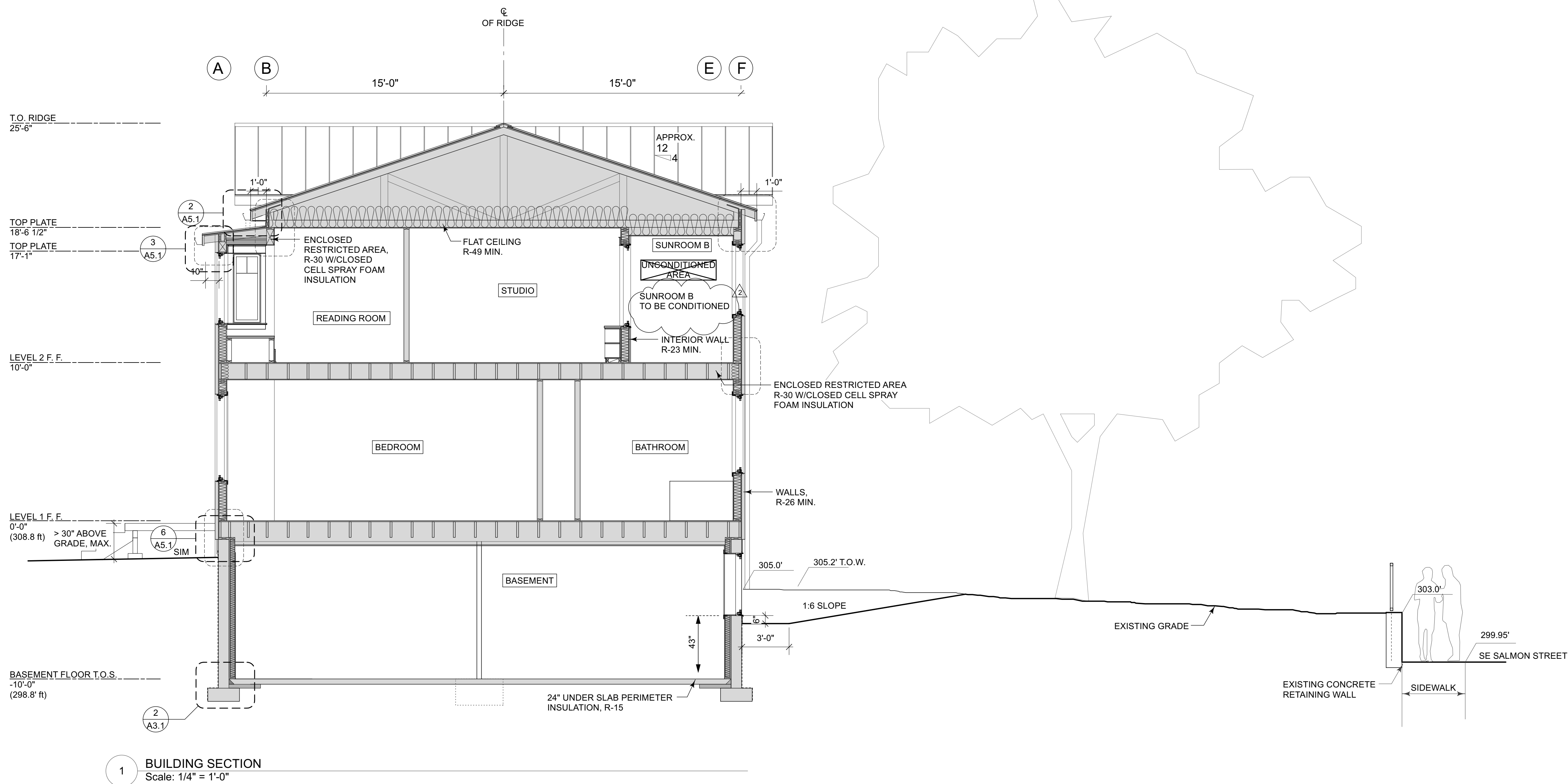
5829 SE SALMON STREET  
PORTLAND, OR

PROJECT # 19032	
DESCRIPTION	DATE
PERMIT SET	6/10/21
CHECKSHEET RESPONSE	9/17/21
CONSTRUCTION SET	2/7/22
REVISION	9/8/22

DRAWN BY: EC

BUILDING  
SECTION

A3.1



SEAL

LAURSEN / GLAZER  
ADDITION

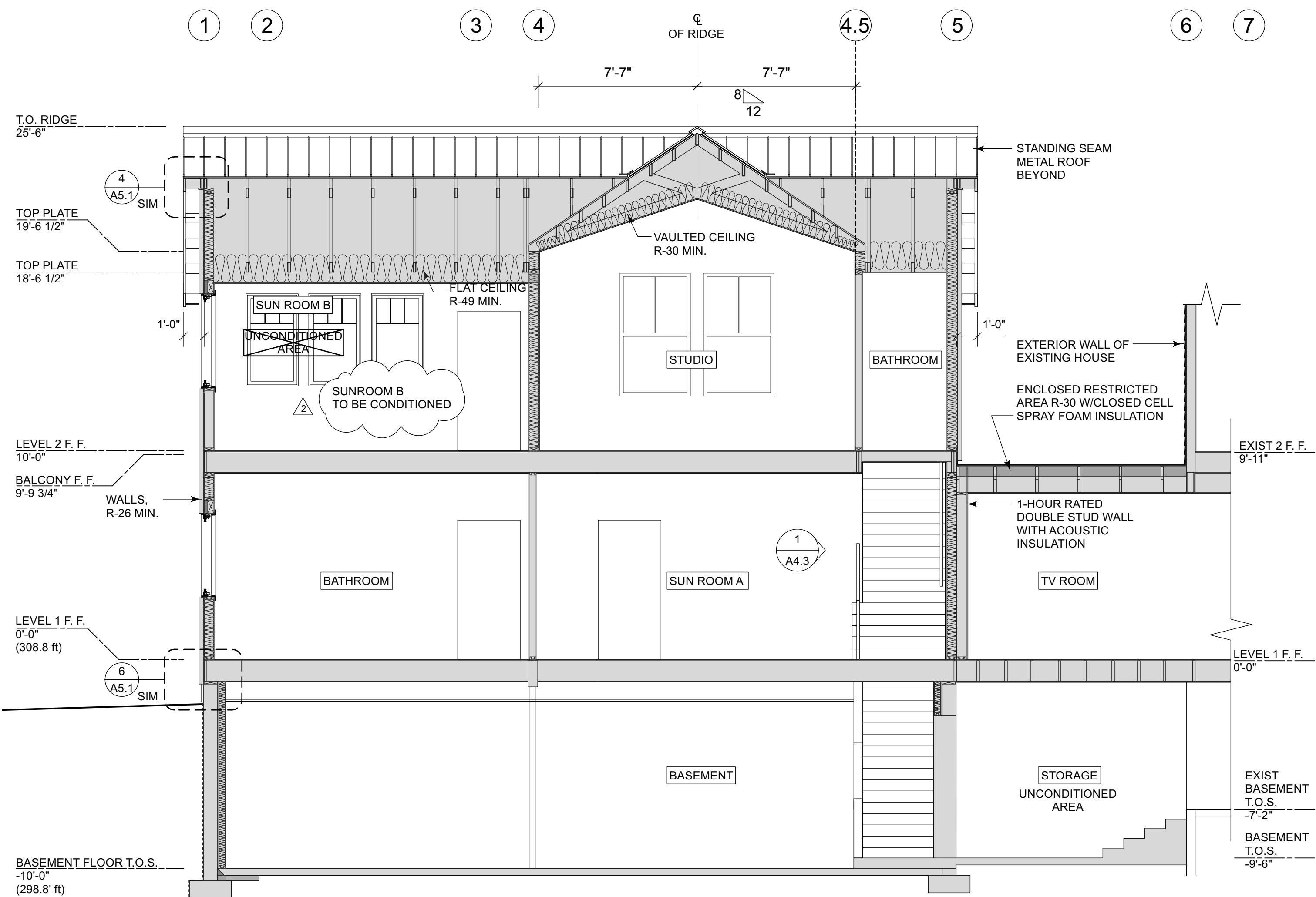
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PROJECT # 19032	
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REVISION	9/8/22

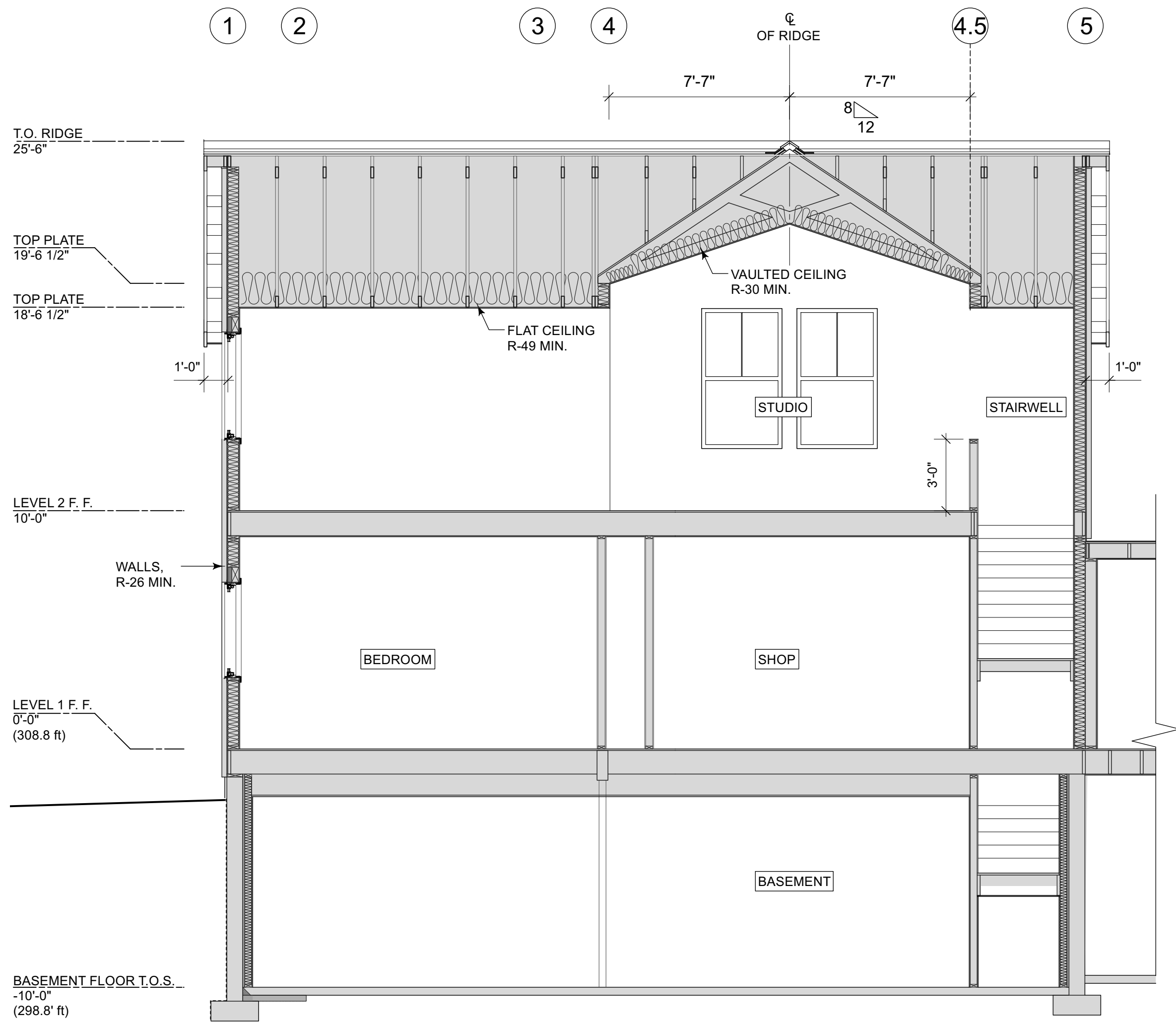
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BUILDING  
SECTION

A3.2



1 BUILDING SECTION  
Scale: 1/4" = 1'-0"



2 BUILDING SECTION  
Scale: 1/4" = 1'-0"

SEAL

LAURSEN / GLAZER  
ADDITION

5829 SE SALMON STREET  
PORTLAND, OR

PROJECT #	19032
DESCRIPTION	DATE
PERMIT SET	6/10/21
REVISION	9/8/22

DRAWN BY: EC

BUILDING  
SECTION

A3.5