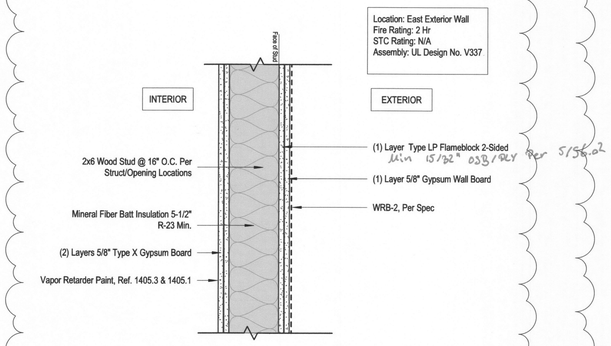
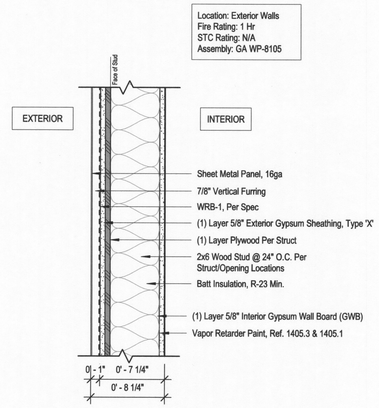
## General Notes

A. Reference Plans and Wall Sections for Wall Locations
B. RE: Struct for Deflection Requirements
C. RE: Struct for Shear Wall Locations, Construction & Attachment Requirements
D. RE: Struct for Stud Framing Specifications
E. RE: Specifications Appendix for Referenced UL, GA Assemblies
F. Provide Products in Fire Rated Assemblies per Spec. Finishes and Attachments per Spec and Referenced Assembly
G. RE: Interior Elevations for Paint Designations
H. RE: Specifications for Product Information

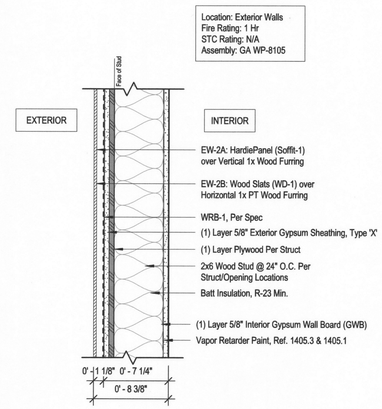



EW-4 Exterior Wall - East Wall - 2 Hr

F
ASI-003

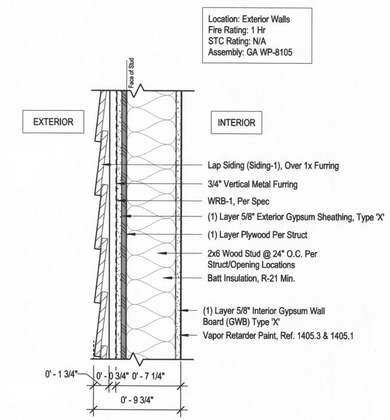



EW-3 Exterior Wall - Metal Panel - 1 Hr

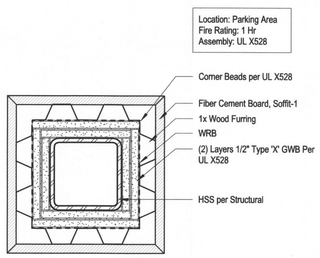



EW-2A Exterior Wall - Hardie Panel (Soffit-1) over Vertical 1x Wood Furring - 1 Hr

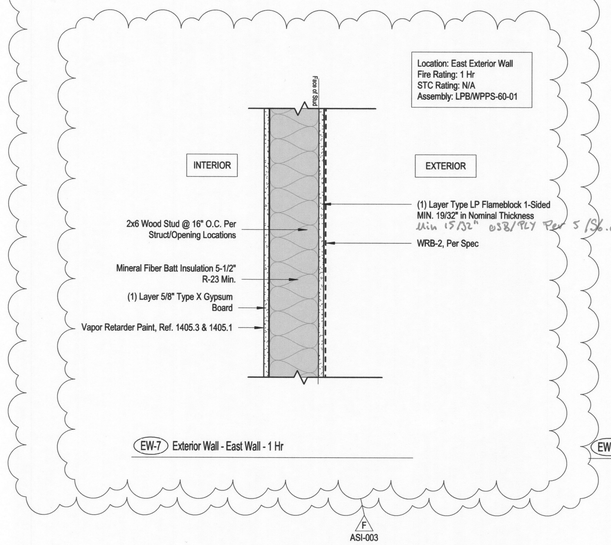
EW-2B Exterior Wall - Wood Slats (WD-1) over Horizontal 1x Wood Furring - 1 Hr




EW-1 Exterior Wall - Typical Lap Siding - 1 Hr

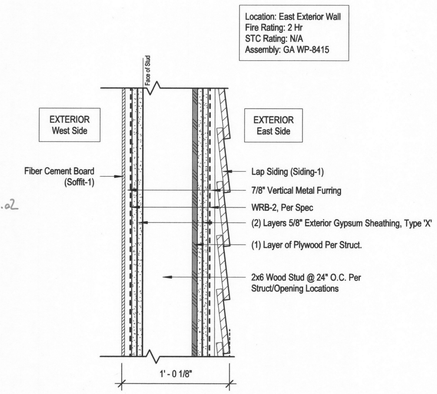



Typ. Exterior Column Cover

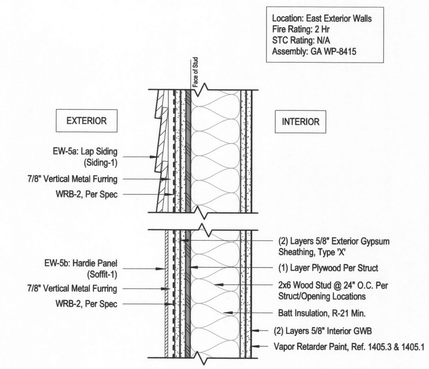



EW-7 Exterior Wall - East Wall - 1 Hr

F
ASI-003




EW-6 Exterior Wall - East Lap Siding Wall - 2 Hr




EW-5a Exterior Wall - Typical Lap Siding - 2 Hr

EW-5b Exterior Wall - Hardie Panel (Soffit-1) - 2 Hr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STATE OF OREGON

Contract Set 03/22/19

17-109630-REV-01-00

SET ISSUE

| | |
|---|---|
| 08/02/19 | ASI-002 |
| 09/27/19 | ASI-003 |

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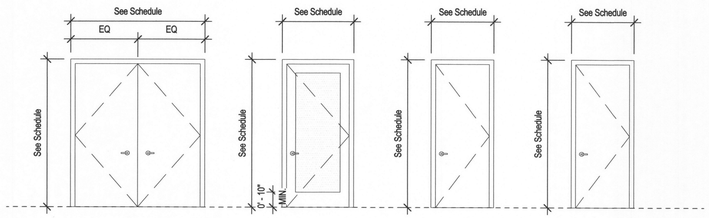
# Exterior Wall Types

a0.01

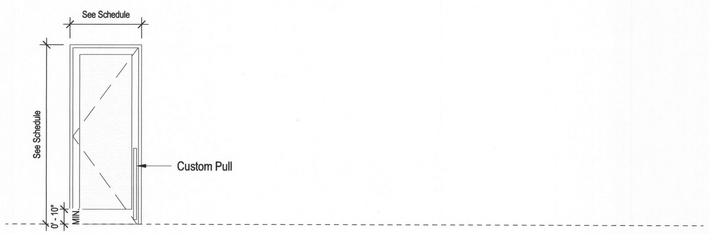



HMTL-1
Exterior
HMTL Double
Door

HMTL-2
Interior
HMTL Single
Door w/ Lite

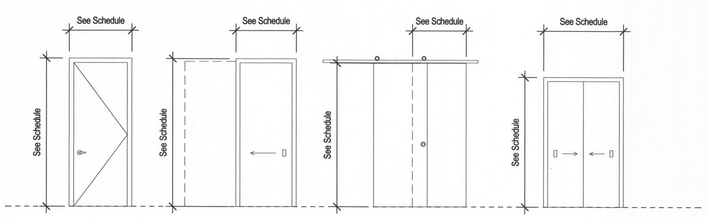
HMTL-3
Exterior
HMTL Single
Door

HMTL-4
Interior
Rated HMTL
Single Door




STFNT-1
Exterior
Storefront
Retail Door

Door Types




WD-1A
WD-1B
Interior
Wood Entry Swing

WD-2
Interior
Wood Pocket
Door

WD-3
Interior
Wood Sliding
Door

WD-4
Interior
Wood Closet
Door

Typical Unit Door Types

**WPA - Door Schedule - Ground Floor**

| Location Door # | Count | Door Location | Door Type | Door Material | Door Finish | Width (Clear) | Height (Clear) | Glass Type | Frame Material | Frame Finish | Fire Safety | Details Head Detail | Details Jamb Detail | Hardware Group | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Level 1 | | | | | | | | | | | | | | | |
| 100 | 1 | Retail A | STFNT-1 | STRNT | FF | 3' - 0" | 8' - 9 1/2" | CTG | STFNT | FF | - | | | | |
| 101 | 1 | Retail B | STFNT-1 | STRNT | FF | 3' - 0" | 8' - 9 1/2" | CTG | STFNT | FF | - | | | | |
| 102 | 1 | Retail C | STFNT-1 | STRNT | FF | 3' - 0" | 8' - 9 1/2" | CTG | STFNT | FF | - | | | | |
| 111 | 1 | Lobby | STFNT-1 | STRNT | FF | 3' - 0" | 8' - 9 1/2" | CTG | STFNT | FF | - | | | | |
| T/Slab 19" | | | | | | | | | | | | | | | |
| 103B | 1 | Lobby | STFNT-1 | STRNT | FF | 3' - 0 3/8" | 8' - 7 23/32" | CTG | STFNT | FF | - | | | | |
| 105 | 1 | Laundry | HMTL-2 | HMTL | PTD | 3' - 0" | 8' - 0" | Translucent | HMTL | PTD | 45 min | | | | Located in 1 Hour Rated Wall - Door Rating Required |
| 106A | 1 | Bike Storage | HMTL-2 | HMTL | PTD | 3' - 0" | 8' - 0" | Translucent | HMTL | PTD | 45 min | | | | Located in 1 Hour Rated Wall - Door Rating Required |
| 106B | 1 | Bike Storage | HMTL-3 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | - | | | | Part of Allowable Area of Opening - Fire Rating not Req'd |
| 119 | 1 | Stair-1 | HMTL-2 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| ST1-01 | 1 | Stair-1 | HMTL-3 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | - | | | | Paint to Match MP-1 / Fire Rating not Req'd - Part of Allowable Area of Opening |
| ST2-01 | 1 | Stair-2 | HMTL-4 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| T/Slab 22" | | | | | | | | | | | | | | | |
| 104 | 1 | Electrical Room | HMTL-3 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | - | | | | Panic Hardware per PGE's Requirements |
| T/Slab 24" | | | | | | | | | | | | | | | |
| 107 | 1 | Residential Trash | HMTL-1 | HMTL | PTD | 6' - 0" | 8' - 0" | - | HMTL | PTD | - | | | | |
| 108 | 1 | Commercial Trash | HMTL-1 | HMTL | PTD | 6' - 0" | 8' - 0" | - | HMTL | PTD | - | | | | |

G ASI-004

G ASI-004

**WPA - Door Schedule - Level 2**

| Location Door # | Count | Door Location | Door Type | Door Material | Door Finish | Width (Clear) | Height (Clear) | Glass Type | Frame Material | Frame Finish | Fire Safety | Details Head Detail | Details Jamb Detail | Hardware Group | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Level 2 | | | | | | | | | | | | | | | |
| E-1 | 1 | Elevator | E-1 | HMTL | PTD | 3' - 6" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| S-1 | 2 | Stair | HMTL-4 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| U-1 | 13 | Unit Entry | WD-1A | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | 20 min | | | | |
| U-2 | 13 | Unit Bathroom 1 | WD-1B | WD | PTD | 2' - 10" | 8' - 0" | - | WD | PTD | - | | | | |
| U-3 | 13 | Unit Bathroom 2 | WD-2 | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | - | | | | |
| U-4 | 7 | Unit Interior | WD-1A | WD | PTD | 2' - 10" | 8' - 0" | - | WD | PTD | - | | | | Fire Rating within Unit not Req'd |
| U-5 | 2 | Unit Closet 1 | WD-4 | WD | PTD | 4' - 0" | 7' - 0" | - | WD | PTD | - | | | | |
| U-6 | 1 | Unit Closet 2 | WD-1B | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | - | | | | |

G ASI-004

**WPA - Door Schedule - Level 3**

| Location Door # | Count | Door Location | Door Type | Door Material | Door Finish | Width (Clear) | Height (Clear) | Glass Type | Frame Material | Frame Finish | Fire Safety | Details Head Detail | Details Jamb Detail | Hardware Group | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Level 3 | | | | | | | | | | | | | | | |
| E-1 | 1 | Elevator | E-1 | HMTL | PTD | 3' - 6" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| S-1 | 2 | Stair | HMTL-4 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| U-1 | 13 | Unit Entry | WD-1A | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | 20 min | | | | |
| U-2 | 13 | Unit Bathroom 1 | WD-1B | WD | PTD | 2' - 10" | 8' - 0" | - | WD | PTD | - | | | | |
| U-3 | 13 | Unit Bathroom 2 | WD-2 | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | - | | | | |
| U-4 | 7 | Unit Interior | WD-1A | WD | PTD | 2' - 10" | 8' - 0" | - | WD | PTD | - | | | | Fire Rating within Unit not Req'd |
| U-5 | 2 | Unit Closet 1 | WD-4 | WD | PTD | 4' - 0" | 7' - 0" | - | WD | PTD | - | | | | |
| U-6 | 1 | Unit Closet 2 | WD-1B | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | - | | | | |

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**WPA - Door Schedule - Level 4**

| Location Door # | Count | Door Location | Door Type | Door Material | Door Finish | Width (Clear) | Height (Clear) | Glass Type | Frame Material | Frame Finish | Fire Safety | Details Head Detail | Details Jamb Detail | Hardware Group | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Level 4 | | | | | | | | | | | | | | | |
| E-1 | 1 | Elevator | E-1 | HMTL | PTD | 3' - 6" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| S-1 | 2 | Stair | HMTL-4 | HMTL | PTD | 3' - 0" | 8' - 0" | - | HMTL | PTD | 90 min | | | | |
| U-1 | 13 | Unit Entry | WD-1A | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | 20 min | | | | |
| U-2 | 13 | Unit Bathroom 1 | WD-1A | WD | PTD | 2' - 10" | 8' - 0" | - | WD | PTD | - | | | | |
| U-3 | 13 | Unit Bathroom 2 | WD-2 | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | - | | | | |
| U-4 | 7 | Unit Interior | WD-1A | WD | PTD | 2' - 10" | 8' - 0" | - | WD | PTD | - | | | | Fire Rating within Unit not Req'd |
| U-5 | 2 | Unit Closet 1 | WD-4 | WD | PTD | 4' - 0" | 7' - 0" | - | WD | PTD | - | | | | |
| U-6 | 1 | Unit Closet 2 | WD-1B | WD | PTD | 3' - 0" | 8' - 0" | - | WD | PTD | - | | | | |

G ASI-004

**WPA - Door Schedule - Roof**

| Location Door # | Count | Door Location | Door Type | Door Material | Door Finish | Width (Clear) | Length (Clear) | Glass Type | Frame Material | Frame Finish | Fire Safety | Details Head Detail | Details Jamb Detail | Hardware Group | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Level 5 Spring Pt. | | | | | | | | | | | | | | | |
| RH-1 | 1 | Stair | GS-TB | HMTL | PTD | 3' - 1" | 8' - 0" | - | HMTL | PTD | - | | | | |

## Material Key:

| | | | | | |
|---|---|---|---|---|---|
| **CG** | Clear Plate Glass | **FG** | Flush; Fully Glazed | **MTL** | Timely Sheet Metal Frame |
| **CTG** | Clear Tempered Glass | **HDWR** | Hardware | **PTD** | Painted |
| **CTIG** | Clear Tempered Insulated Glazing Unit | **HTML** | Hollow Metal | **P.#** | Point(# indicates color, RE: Spec) |
| **F** | Flush | **N** | Narrow Vertical View Panel | **STFRNT** | Thermally Broken Aluminum Storefront Assembly |
| **FF** | Factory Finish | **NFG** | Fire Glass View Panel | **WD** | Solid Core Wood Door |

## General Notes

1. Painted Frames to Match Adjacent Wall in Color
2. All Rated Doors Must Recieve Automatic Closing Devices: LCN4111
3. Closer: Closer Pressure Set to 5lbf
4. All Latchsets and Locksets to be ADA Compliant Lever Handles
5. Hardware on Interior Only - RE Spec. for Groups
6. All Stairwell Doors Must have a Minimum Rating of 90 Minutes
7. 3 Hr Rated Door and Frame
8. Signage Installed at Door Which States Stair Continues to Roof. And/Or Rooms Containing Fire Protection Equipment (Fire Sprinkler Risers and Valves or Other Fire Detection, Suppression or Control Elements) Shall be Identified with Signage at Doors.
9. RE a0.01 & a0.02 Wall Types
10. Maintain Fire Ratings at Door Openings in Fire-Rated Wall Assemblies
11. RE Spec for Additional Entrance Door and Glazing Info.
12. All Egress Doors to Remain Unlocked from Egress Side and Allow Egress at All Times


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STATE OF OREGON

Contract Set 03/22/19

SET ISSUE

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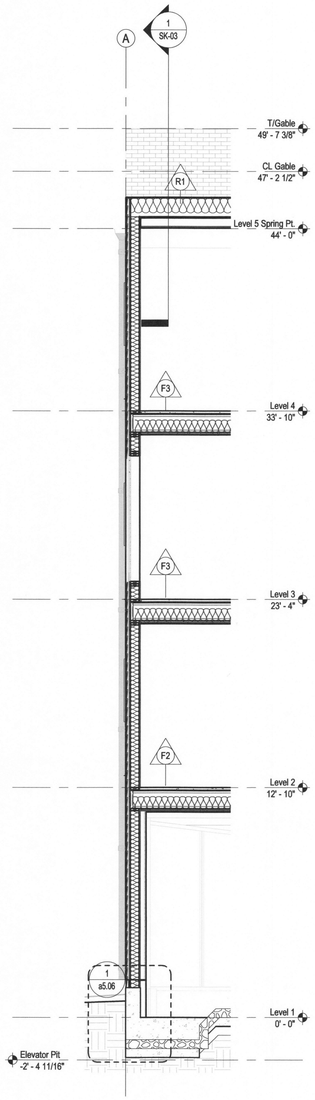
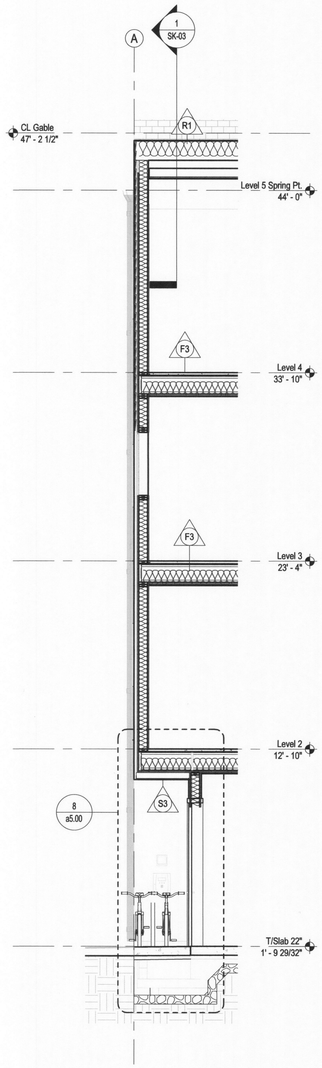
# Door Types & Schedule

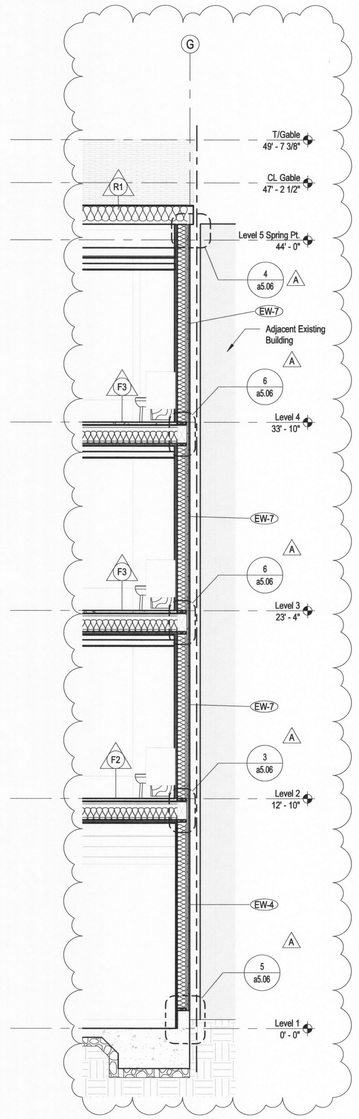
a0.06



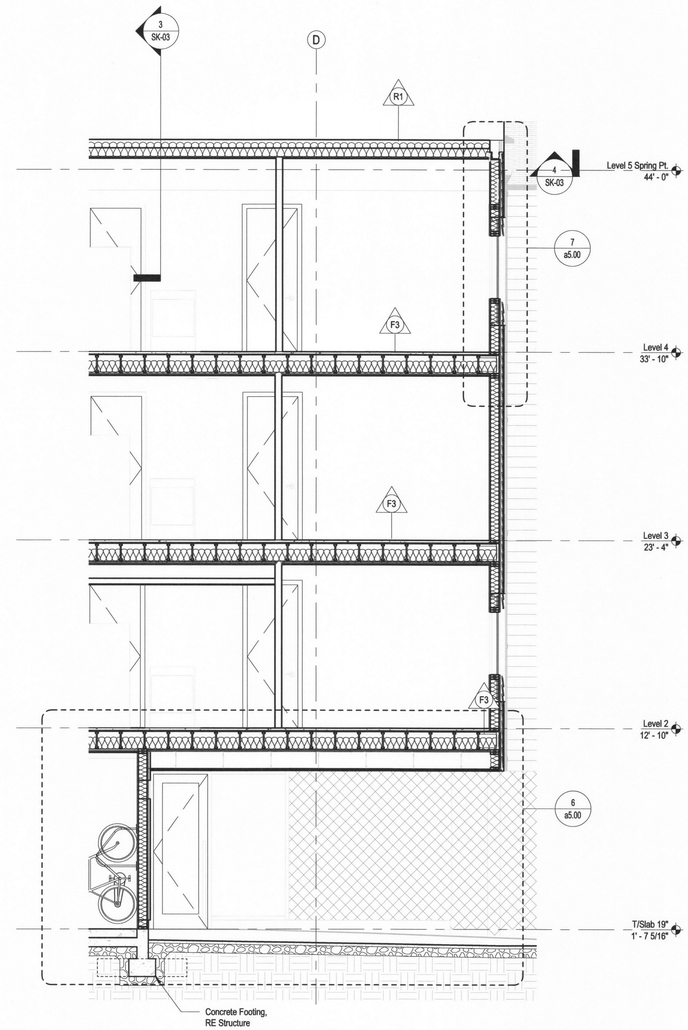

4 a4.11 Overall Wall Section - West Facade 02
SCALE: 1/4" = 1'-0"




3 a4.11 Overall Wall Section - West Facade 01
SCALE: 1/4" = 1'-0"




2 a4.11 Overall Wall Section - East Facade 02
SCALE: 1/4" = 1'-0"




1 a4.11 Overall Wall Section - East Facade 01
SCALE: 1/4" = 1'-0"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| 9/21/18 | Permit Revision A |
| Date 8 | Revision 8 |

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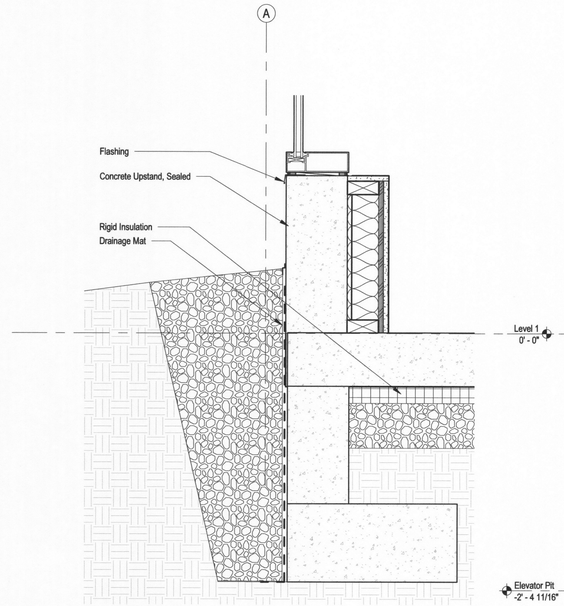
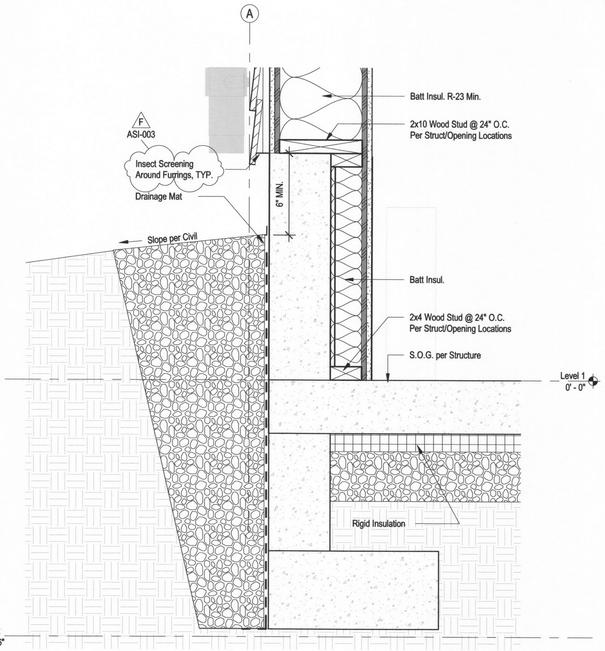
Partial Building Sections

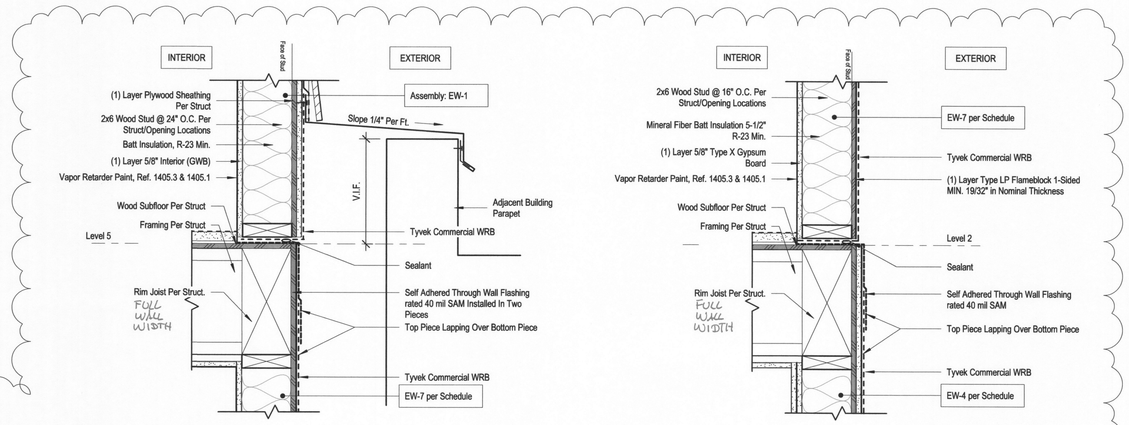
a4.11




2 a5.06 West Storefront Stem Wall/Sill Detail at Retail
SCALE: 1 1/2" = 1'-0"



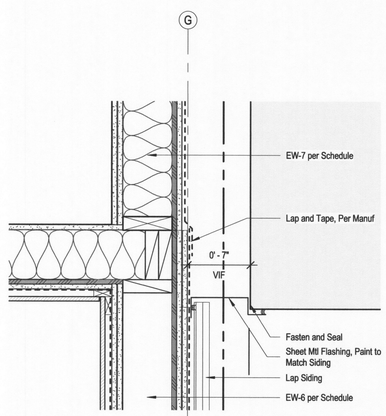

1 a5.06 West Stem Wall Detail at Retail
SCALE: 1 1/2" = 1'-0"



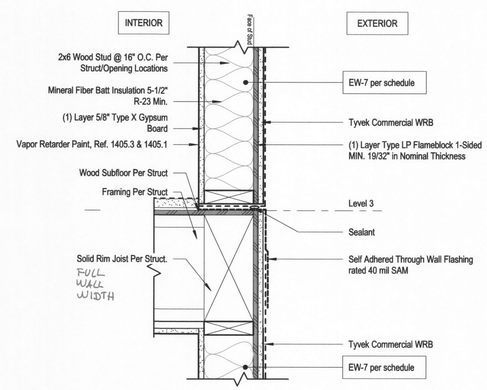

4 a5.06 East Wall Detail at Transition
SCALE: 1 1/2" = 1'-0"



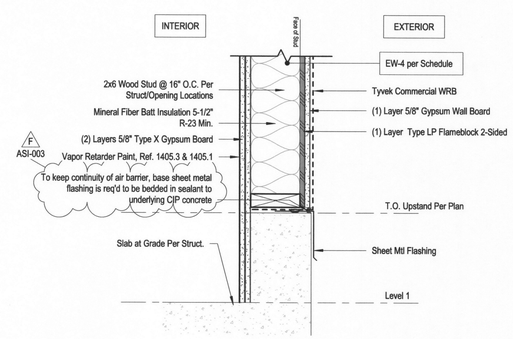

3 a5.06 East Wall - 2hr to 1Hr Transition Detail
SCALE: 1 1/2" = 1'-0"




7 a5.06 Ground Floor Detail Plan at Adjacent Building
SCALE: 1 1/2" = 1'-0"




6 a5.06 East Wall - Typ. 1Hr Detail
SCALE: 1 1/2" = 1'-0"




5 a5.06 East Wall & Ground Floor Detail
SCALE: 1 1/2" = 1'-0"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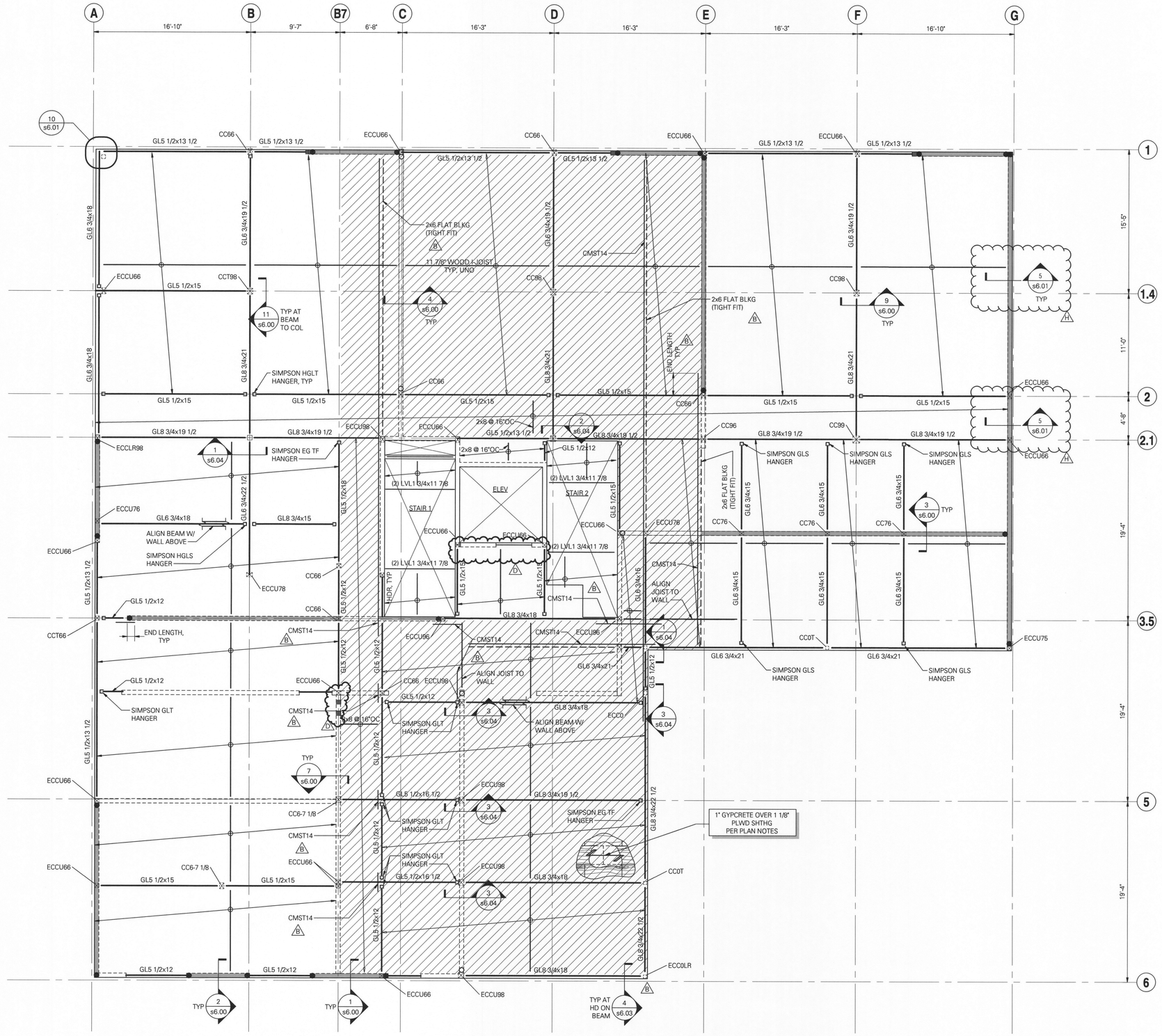
Exterior Details

a5.06




## FLOOR FRAMING PLAN NOTES:

1. STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER s1.00, s1.01 AND s1.02.

2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECT'S DRAWINGS.

3. FLOOR SHEATHING PER PLAN AND STRUCTURAL GENERAL NOTES. SHEATHING TO BE GLUED AND NAILED TO FRAMING WITH 0.131" DIAx2 1/2" NAILS @ 6"OC AT PANEL EDGES AND @ 12"OC FIELD, UNO. LAY SHEATHING WITH FACE GRAIN (LONG DIRECTION) PERPENDICULAR TO SUPPORTS AND STAGGER PANEL END JOINTS. ALLOW 1/8" SPACE BETWEEN PANEL ENDS AND EDGES.

INDICATES AREAS WHERE BLOCKING AND NAILING OF ALL PANEL EDGES IS REQUIRED (B)

4. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.

5. ALL WOOD EXPOSED TO CONCRETE, WEATHER, OR WITHIN 8" OF FINISHED GRADE SHALL BE PRESSURE- TREATED.

6. ALL 2x HANGERS TO BE TOP FLANGE BEARING SIMPSON JB TYPE, UNO.] [FACE MOUNT TYPE LUS, UNO.] GLULAM, PARALLAM AND MICROLLAM HANGERS ARE AS SPECIFIED ON PLAN. WOOD "I" JOIST HANGERS SHALL BE SUPPLIED AND DESIGNED BY JOIST SUPPLIER. ALL COLUMN CAPS TO BE SIMPSON CC TYPE, UNO.

7. HEADERS SHOWN BUT NOT SPECIFIED ARE TO BE (2) 2x8 MINIMUM. HEADER SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.

8. BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS "DB" INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.

9. WOOD "I" JOISTS TO BE DESIGNED BY OTHERS. SUBMITTAL INFORMATION, DESIGN CRITERIA, RIM JOIST AND BLOCKING REQUIREMENTS PER STRUCTURAL GENERAL NOTES. MAX SPACING IS 24" OC UNO.

10. PROVIDE FULL HEIGHT SOLID BLOCKING OR DOUBLE JOISTS UNDER ALL SHEAR WALLS AND BEARING WALLS. AT SHEAR WALLS PARALLEL TO FRAMING, ALIGN (1) JOIST OVER SHEAR WALL (ADDITIONAL JOISTS MAY BE REQUIRED).

11. ALL RIM JOISTS AND BLOCKING TO BE 1 1/4" LSL MINIMUM UNO.

12. PROVIDE DOUBLE JOISTS AROUND ALL FLOOR AND ROOF OPENINGS GREATER THAN 24" ON ONE SIDE.

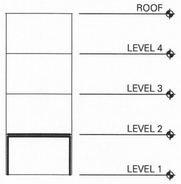
13. BEARING STUD, SHEAR WALL, HOLD-DOWN, POST SIZE, AND POST CAP AND BASE REQUIREMENTS BELOW PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.

14. FABRICATE ALL STEEL COLUMNS -1/4" PER FLOOR TO ALLOW FOR WOOD SHRINKAGE.

15. ALIGN CS/CMST FLOOR STRAP TO RIM JOIST. APPLY OVER SHTHG W/ FASTENERS AND END LENGTH PER SCHED 9/s6.01.

16. TYPICAL DETAILS PER:

| | |
|---|---|
| s6.00 | TYPICAL FLOOR FRAMING DETAILS |
| 10/s6.00 | TYPICAL INTERIOR STAIRWAY ELEVATION |
| 5/s6.03 | TYPICAL BUILT UP 2x HEADER CONNECTION |
| 7/s6.03 | TYPICAL STUD WALL OPENING (HEADER) DETAIL |
| 10/s6.03 | TYPICAL INTERIOR STAIRWAY ELEVATION |




**NOTE:**
DARKENED LINES DESIGNATE AREA OF WORK.

## STRUCTURAL FRAMING PLAN - LEVEL 2

SCALE: 3/16" = 1'-0"


**W.PA**
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(503) 234-2945
www.worksarchitecture.net


# NE Killingsworth Apartments

5470 NE 16th Ave
Portland, OR 97211
*DCI Job Number 18031-0050*

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER 74868PE OREGON MARCH 29, 2001 SHIRLEY CHALUPA
EXPIRES: 12-31-19

06.29.18

**FOR PERMIT**
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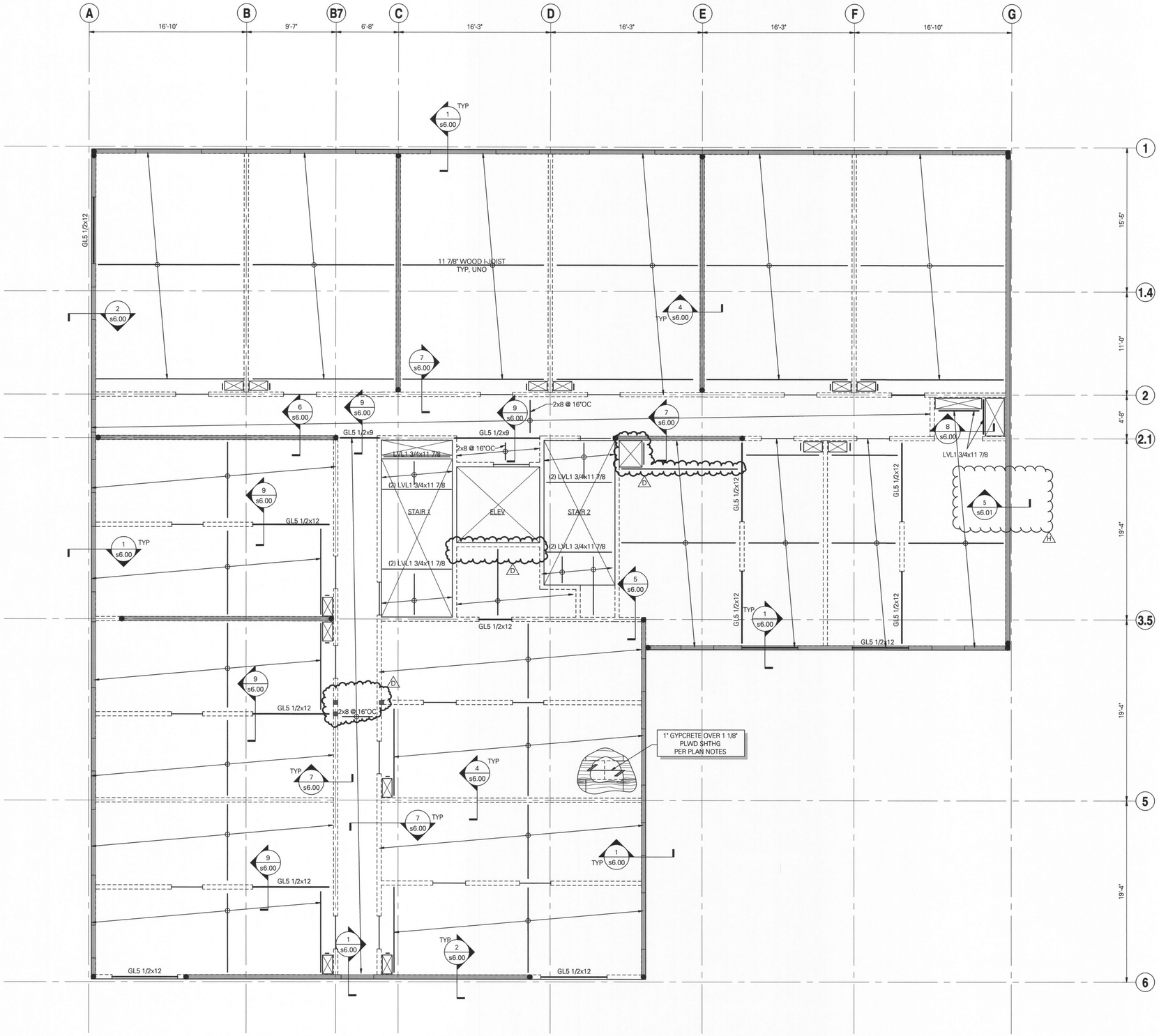
| 11/14/18 | Plan Check |
| 8/2/2019 | ASI-002 |
| 11/6/2019 | Permit Rev 1 |

City of Portland REVIEWED FOR CODE COMPLIANCE NOV 08 2019 Permit Number

# STRUCTURAL FRAMING PLAN - LEVEL 2

**s2.01**




## FLOOR FRAMING PLAN NOTES:

1. STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S1.00, S1.01. AND S1.02.

2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECT'S DRAWINGS.

3. FLOOR SHEATHING PER PLAN AND STRUCTURAL GENERAL NOTES. SHEATHING TO BE GLUED AND NAILED TO FRAMING WITH 0.131" DIAx2 1/2" NAILS @ 6"OC AT PANEL EDGES AND @ 12"OC FIELD, UNO. LAY SHEATHING WITH FACE GRAIN (LONG DIRECTION) PERPENDICULAR TO SUPPORTS AND STAGGER PANEL END JOINTS. ALLOW 1/8" SPACE BETWEEN PANEL ENDS AND EDGES.

4. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.

5. ALL 2x HANGERS TO BE TOP FLANGE BEARING SIMPSON JB TYPE, UNO. GLULAM, PARALLAM AND MICROLLAM HANGERS ARE AS SPECIFIED ON PLAN. WOOD "I" JOIST HANGERS SHALL BE SUPPLIED AND DESIGNED BY JOIST SUPPLIER. "I" JOIST HANGERS TO BE TOP FLANGE BEARING SIMPSON MIT OR ITS TYPE, UNO.

6. HEADERS SHOWN BUT NOT SPECIFIED ARE TO BE (2) 2x8 MINIMUM. HEADER SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.

7. BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS "DB" INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.

8. WOOD "I" JOISTS TO BE DESIGNED BY OTHERS. SUBMITTAL INFORMATION, DESIGN CRITERIA, RIM JOIST AND BLOCKING REQUIREMENTS PER STRUCTURAL GENERAL NOTES.

9. PROVIDE FULL HEIGHT SOLID BLOCKING OR DOUBLE JOISTS UNDER ALL SHEAR WALLS AND BEARING WALLS. AT SHEAR WALLS PARALLEL TO FRAMING, ALIGN (1) JOIST OVER SHEAR WALL (ADDITIONAL JOISTS MAY BE REQUIRED).

10. ALL RIM JOISTS AND BLOCKING TO BE LSL MINIMUM UNO.

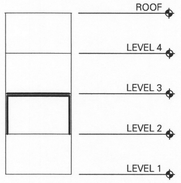
11. PROVIDE DOUBLE JOISTS AROUND ALL FLOOR AND ROOF OPENINGS GREATER THAN 24" ON ONE SIDE.

12. BEARING STUD, SHEAR WALL, HOLD-DOWN, POST SIZE, AND POST CAP AND BASE REQUIREMENTS BELOW PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.

13. FABRICATE ALL STEEL COLUMNS -1/4" PER FLOOR TO ALLOW FOR WOOD SHRINKAGE.

14. TYPICAL DETAILS PER:

9/S6.01 HORIZONTAL STRAP FASTENER SCHEDULE




**NOTE:**
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**STRUCTURAL FRAMING PLAN - LEVEL 3**
SCALE: 3/16" = 1'-0"


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*DCI Job Number 18031-0050*

REGISTERED PROFESSIONAL ENGINEER
74858PE
OREGON
MARCH 29, 2001
SHIRLEY CHALUPA
EXPIRES: 12-31-19

06.29.18

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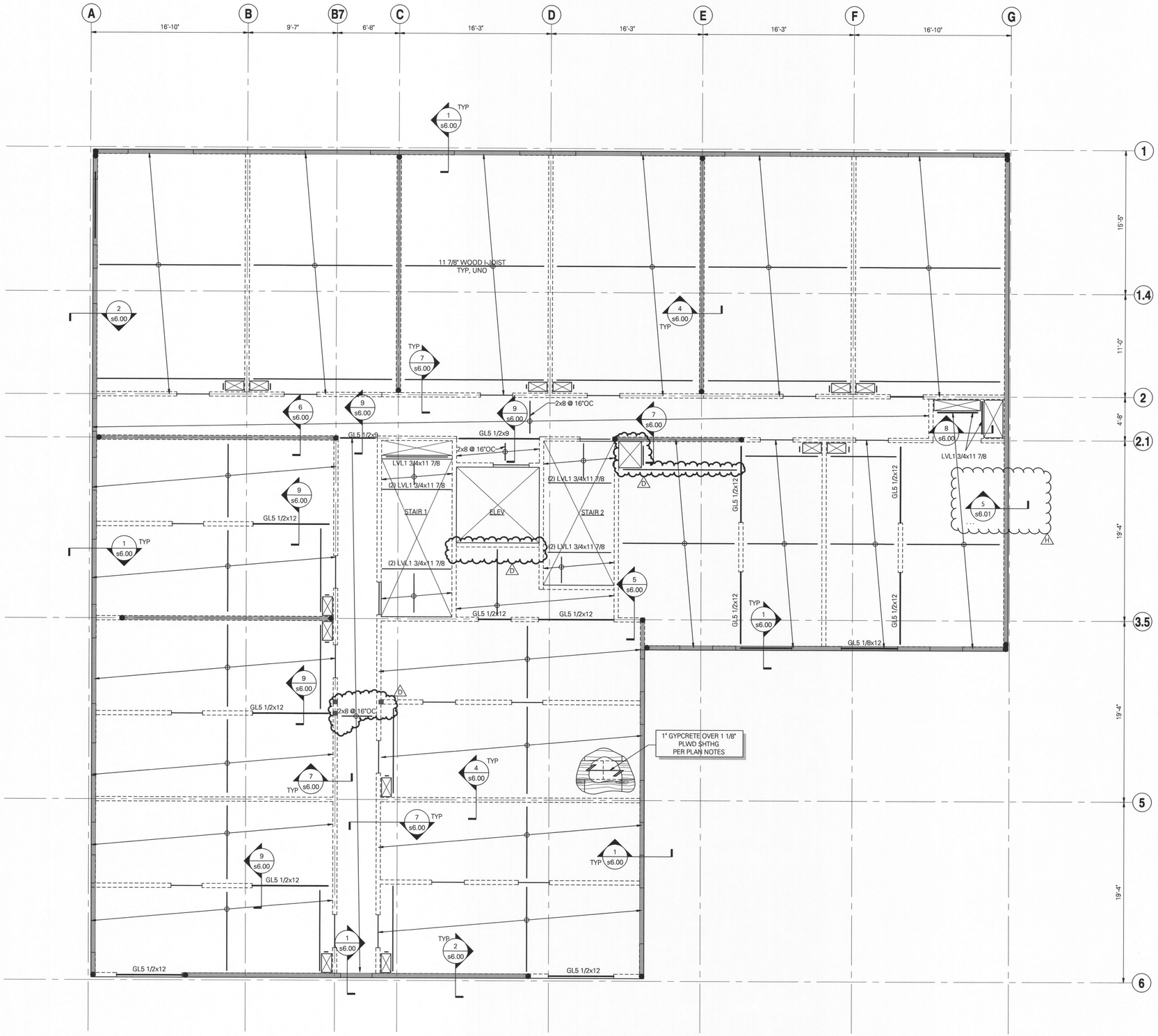
# STRUCTURAL FRAMING PLAN - LEVEL 3

**s2.02**




## FLOOR FRAMING PLAN NOTES:

1. STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S1.00, S1.01. AND S1.02.

2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECT'S DRAWINGS.

3. FLOOR SHEATHING PER PLAN AND STRUCTURAL GENERAL NOTES. SHEATHING TO BE GLUED AND NAILED TO FRAMING WITH 0.131" DIAx2 1/2" NAILS @ 6"OC AT PANEL EDGES AND @ 12"OC FIELD, UNO. LAY SHEATHING WITH FACE GRAIN (LONG DIRECTION) PERPENDICULAR TO SUPPORTS AND STAGGER PANEL END JOINTS. ALLOW 1/8" SPACE BETWEEN PANEL ENDS AND EDGES.

4. ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS. STAIR DETAILS AND GUARDRAILS PER ARCHITECTURAL DRAWINGS.

5. ALL 2x HANGERS TO BE TOP FLANGE BEARING SIMPSON JB TYPE, UNO. GLULAM, PARALLAM AND MICROLLAM HANGERS ARE AS SPECIFIED ON PLAN. WOOD "I" JOIST HANGERS SHALL BE SUPPLIED AND DESIGNED BY JOIST SUPPLIER. "I" JOIST HANGERS TO BE TOP FLANGE BEARING SIMPSON MIT OR ITS TYPE, UNO.

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7. BEAMS ARE FLUSH FRAMED WITH JOISTS UNLESS NOTED OTHERWISE ON DETAILS, OR ON PLANS AS "DB" INDICATING THAT DROPPED BEAM FRAMING IS REQUIRED. BEAM SUPPORTS PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW. PROVIDE A35 CLIP EACH SIDE OF FLUSH BEAMS THAT BEAR ON DOUBLE TOP PLATES.

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9. PROVIDE FULL HEIGHT SOLID BLOCKING OR DOUBLE JOISTS UNDER ALL SHEAR WALLS AND BEARING WALLS. AT SHEAR WALLS PARALLEL TO FRAMING, ALIGN (1) JOIST OVER SHEAR WALL (ADDITIONAL JOISTS MAY BE REQUIRED).

10. ALL RIM JOISTS AND BLOCKING TO BE LSL MINIMUM UNO.

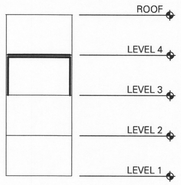
11. PROVIDE DOUBLE JOISTS AROUND ALL FLOOR AND ROOF OPENINGS GREATER THAN 24" ON ONE SIDE.

12. BEARING STUD, SHEAR WALL, HOLD-DOWN, POST SIZE, AND POST CAP AND BASE REQUIREMENTS BELOW PER STUD AND SHEAR WALL PLAN ON FLOOR BELOW.

13. FABRICATE ALL STEEL COLUMNS -1/4" PER FLOOR TO ALLOW FOR WOOD SHRINKAGE.

14. TYPICAL DETAILS PER:

9/S6.01 HORIZONTAL STRAP FASTENER SCHEDULE




NOTE:
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**STRUCTURAL FRAMING PLAN - LEVEL 4**

SCALE: 3/16" = 1'-0"


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# NE Killingsworth Apartments

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*DCI Job Number 18031-0050*

REGISTERED PROFESSIONAL ENGINEER
74868PE
OREGON
MARCH 29, 2011
SHIRLEY CHALUPA
EXPIRES: 12-31-19

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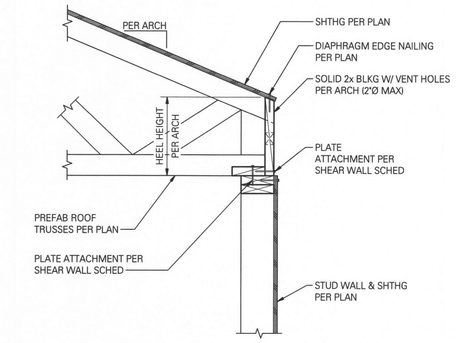
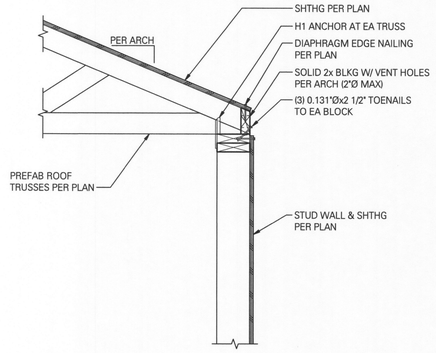
STRUCTURAL FRAMING PLAN - LEVEL 4

**s2.03**

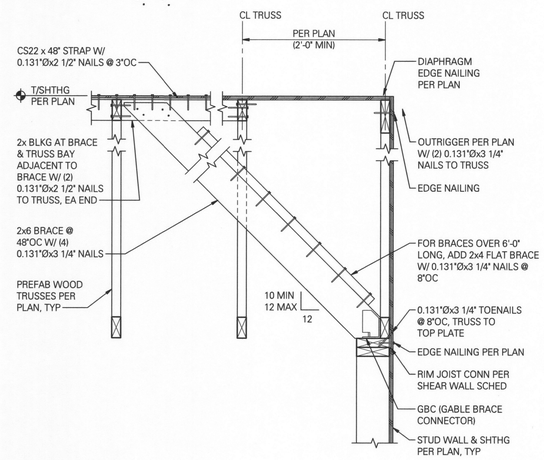



NOTE:
CONNECT EACH TRUSS TO TOP PLATES WITH H1 (NOT SHOWN FOR CLARITY).

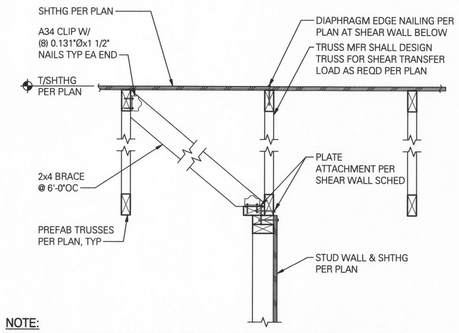
## 1 EXTERIOR WALL PERPENDICULAR TO ROOF TRUSSES
SCALE: 1" = 1'-0" (06065)




## 2 EXTERIOR WALL PERPENDICULAR TO ROOF TRUSSES
SCALE: 1" = 1'-0" (06065A)

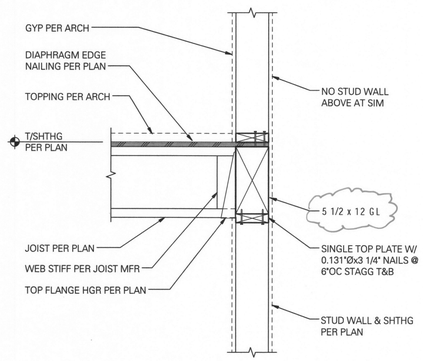



## 3 EXTERIOR WALL PARALLEL TO ROOF TRUSSES
SCALE: 1" = 1'-0" (06064)

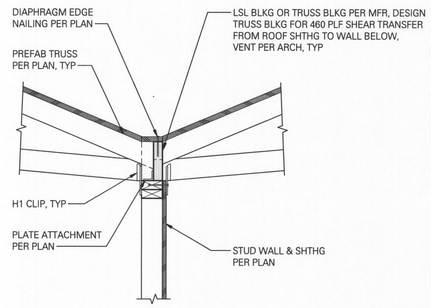



NOTE:
IF NO SHEAR TRANSFER LOAD IS INDICATED ON PLAN, TRUSS MANUFACTURER SHALL PROVIDE TRUSS WITH VERTICALS @ 24"OC MAXIMUM WITH SHEATHING AND NAILING TO MATCH SHEAR WALL WHERE INDICATED BELOW. COORDINATE VENTING REQUIREMENTS WITH ARCHITECT AND STRUCTURAL ENGINEER. BLOCK PANEL EDGES PER SHEAR WALL SCHEDULE AS REQUIRED.

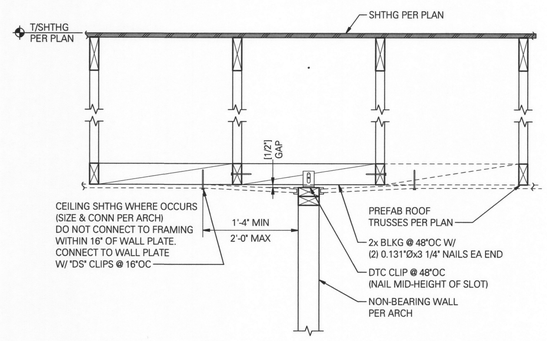
## 4 INTERIOR WALL PARALLEL TO ROOF TRUSSES
SCALE: 1" = 1'-0" (06074)



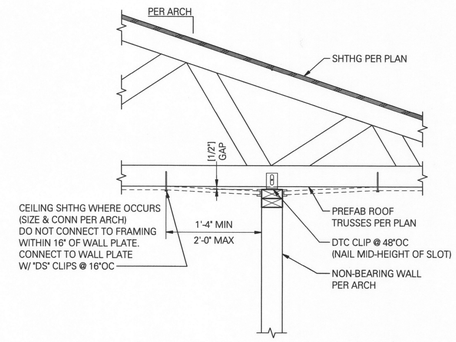

## 5 RATED WALL PERPENDICULAR TO FLOOR JOISTS
SCALE: 1" = 1'-0" (06001)




## 6 ROOF TRUSSES AT INTERIOR WALL
SCALE: 1" = 1'-0" (06077)




OPTION - 1

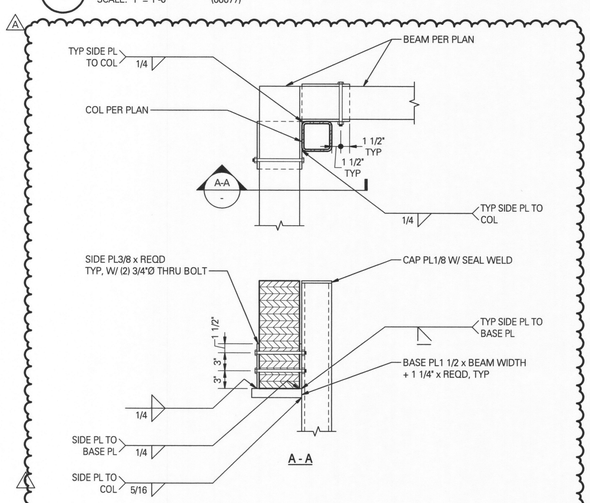



OPTION - 1

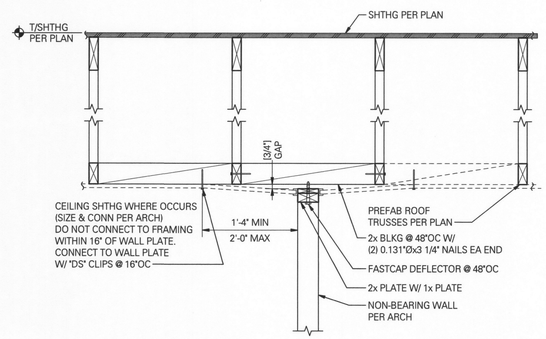
| HORIZONTAL STRAP FASTENER SCHEDULE [4] STRAP NAILED TO TOP OF JOISTS/BEAMS (DF, PSL [3], LSL [3], LVL [3]) | | | | |
|---|---|---|---|---|
| STRAP | FASTENERS [1] | | END LENGTH | CAPACITY |
| | STRAP ENDS [2] | BALANCE | | |
| CMST12 | (86) 0.131"Øx2 1/2" NAILS IN (2) ROWS @ 3 1/2"OC | (2) ROWS OF 0.131"Øx 2 1/2" NAILS @ 7"OC | 39" | 7.6k |
| CMST14 | (66) 0.131"Øx2 1/2" NAILS IN (2) ROWS @ 3 1/2"OC | (2) ROWS OF 0.131"Øx 2 1/2" NAILS @ 7"OC | 30" | 5.4k |
| CS14 | (30) 0.131"Øx2 1/2" NAILS IN (2) ROWS @ 4 1/8"OC | (2) ROWS OF 0.131"Øx 2 1/2" NAILS @ 8 1/4"OC | 16" | 2.5k |
| CS16 | (22) 0.131"Øx2 1/2" NAILS IN (2) ROWS @ 4 1/8"OC | (2) ROWS OF 0.131"Øx 2 1/2" NAILS @ 8 1/4"OC | 12" | 1.7k |

NOTES:
[1] ROWS SHALL BE 1/2" MINIMUM APART, STAGGERED NAILS.
[2] PLACE HALF OF THE REQUIRED NAILS AT EACH END OF STRAP.
[3] WEYERHAEUSER PRODUCTS. CONTACT ENGINEER-OF-RECORD IF A DIFFERENT MANUFACTURE IS USED.
[4] SCHEDULE NOT FOR USE WITH RESIDENTIAL I-JOISTS.

## 9 HORIZONTAL STRAP FASTNER SCHEDULE
SCALE: 1" = 1'-0" (01801)



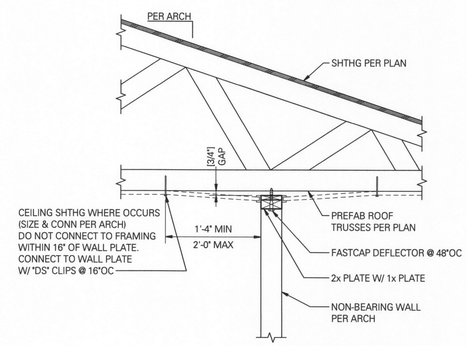

## 10 ECCENTRIC BEAM TO COLUMN
SCALE: 1" = 1'-0"




NOTE:
DOUBLE 2x TOP PLATES MAY BE USED PROVIDED FASTCAP DEFLECTOR MAX IS USED INSTEAD OF FAST CAP DEFLECTOR.

OPTION - 2

## 11 NON-STRUCTURAL PARTITION WALL PARALLEL TO ROOF FRAMING
SCALE: 1" = 1'-0" (06905B)




NOTE:
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OPTION - 2

## 12 NON-STRUCTURAL PARTITION WALL PERPENDICULAR TO ROOF FRAMING
SCALE: 1" = 1'-0" (06905C)


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STRUCTURAL WOOD FRAMING DETAILS

s6.01