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DETAIL - STAIR - BASE
1 1/2" = 1'-0"DETAIL - STAIR - HEAD
1 1/2" = 1'-0"10 S201 DETAIL - EXTERIOR SLABS
1 1/2" = 1'-0"2 S201 DETAIL - BUILT UP CURB
1 1/2" = 1'-0"12 S201 DETAIL - HOLD DOWN CONNECTION @ PLANK
1 1/2" = 1'-0"

STRUCTURAL DETAILS

CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI

S201

1/24/2020 10:16:30 PM

Date	Description
07.08.2019	Footing/Foundation Permit
08.21.2019	Permit
10.09.2019	IFC - Foundation
10.15.2019	Updated Foundation Details
11.07.2019	Updated Foundation
11.22.2019	Updated Foundation
01.24.2020	Updates for Panelizer



CAPITAL GROUP
Developer: W Capital Group
tyler@wcapitalgroup.com | 608.345.9848



Architect: OpeningDesign
316 W Wilson Street | Suite 675
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456



General Contractor: ROYAL CONSTRUCTION
3453 Greenway Street | Eau Claire, WI 54701
jim@royalbuilt.com | 715-225-6377



Civil Engineer: CEDAR CORPORATION
404 Wilson Avenue | Menomonie, WI 54751
kevin.colm@cedarcorp.com | 715-235-9081



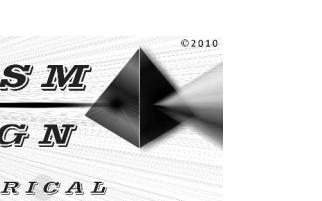
Structural Engineer: XC Structural Engineering
Colle Apolonia Morales, #28036 Madrid,
l.perezato@xcengineering.xyz | +34 610 56 26 37



Structural Engineer of Record: Ennovation
4727 Dale-Curtin Dr. McFarland, WI 53558
kfrey@innovation-built.com



Mechanical Engineer: HOVLAND'S HVAC
10954 E. Melby Street | Chippewa Falls, WI 54729
jhansen@hovlands-inc.com | 715.552.5595



Electrical Engineer: PRISM DESIGN ELECTRICAL CONSULTANTS INC.
E8403 State Rd 85 | Mondovi, WI 54755
bholgren@prismdesign-electrical.com | 715.797.0602



Plumbing Engineer: TAILORED ENGINEERING
1600 Aspen Commons | Ste 210 | Middleton, WI 53562
bnovak@tailoredeng.com | 608.209.7500

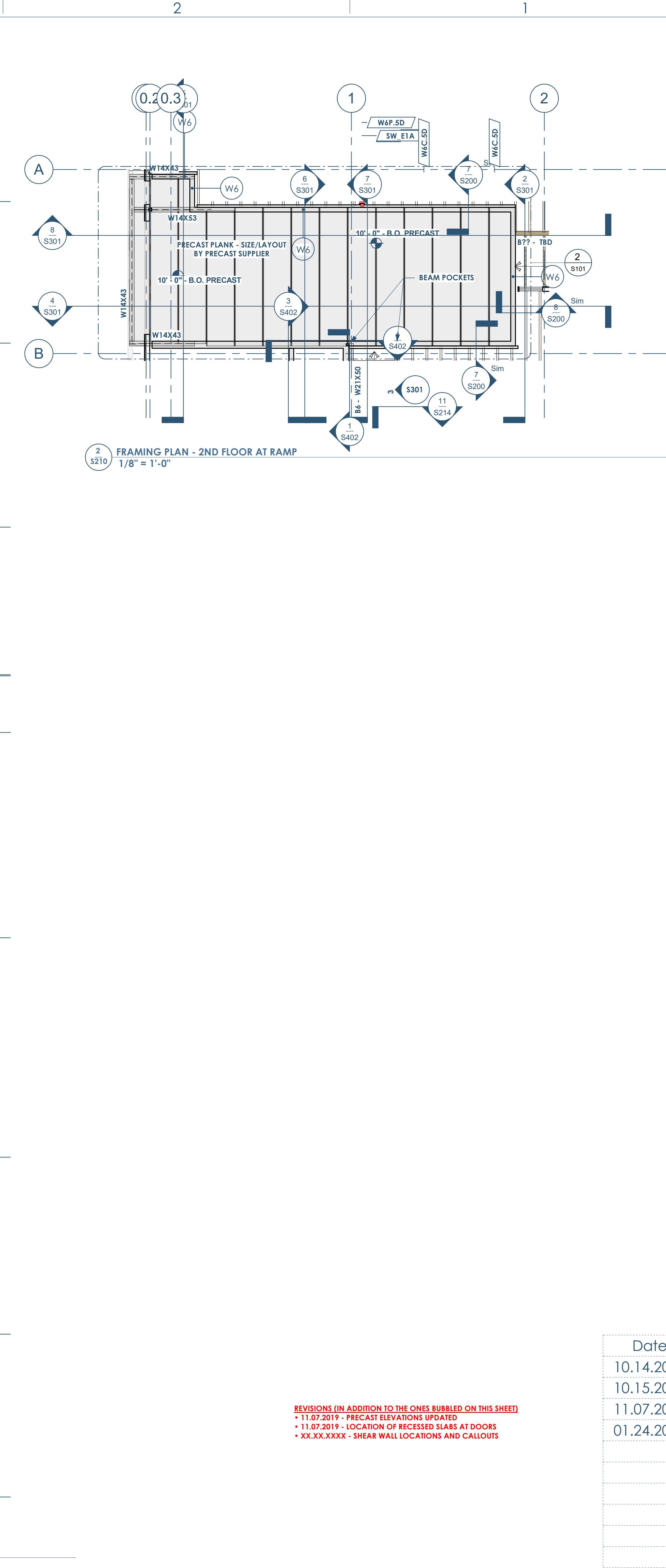
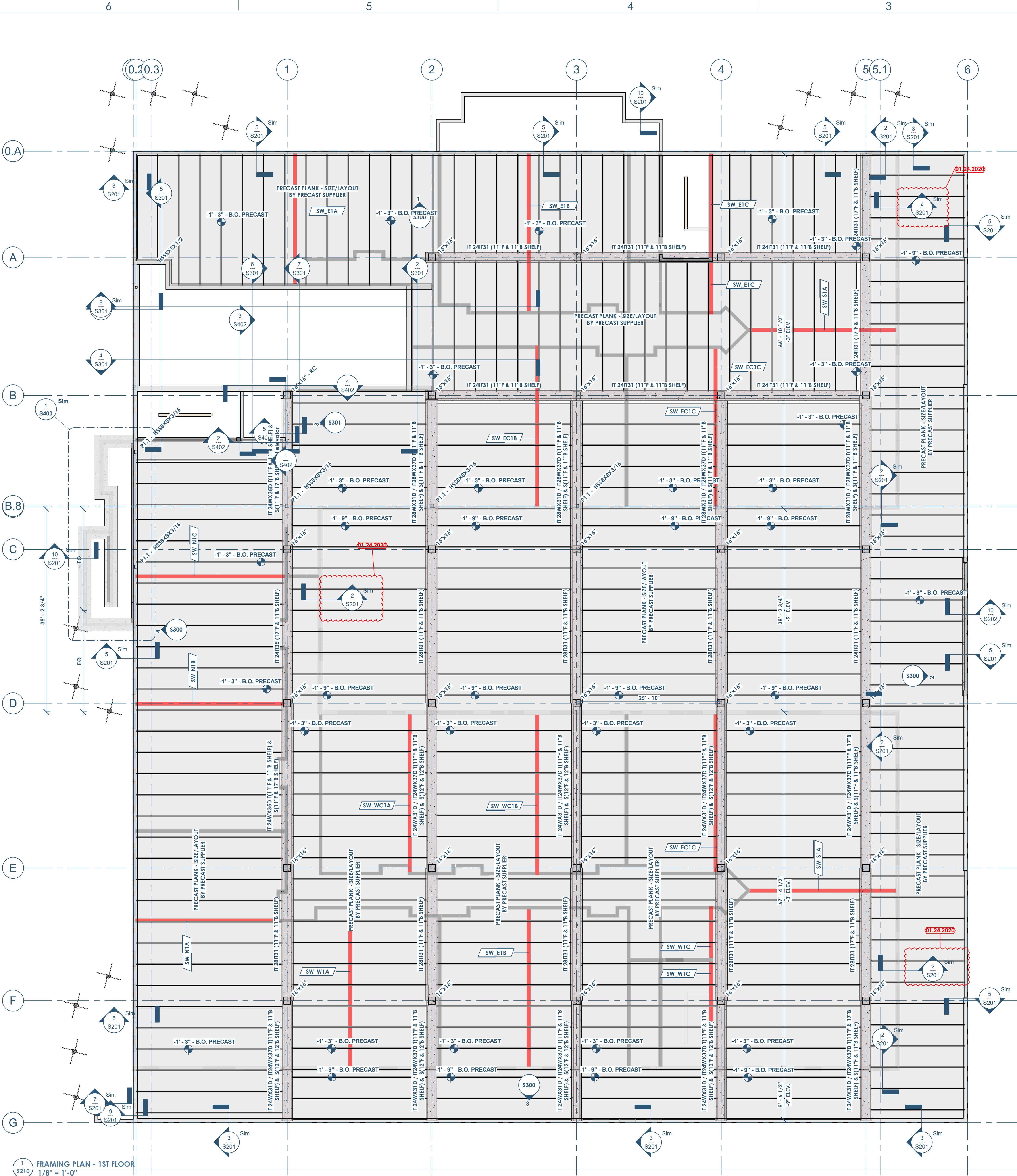
Date	Description
10.14.2019	for Precast Supplier
10.15.2019	Updated Foundation Details
11.07.2019	Updated Foundation
01.24.2020	Updates for Panelizer


REVISIONS (IN ADDITION TO THE ONES BUBBLED ON THIS SHEET)
• 11.07.2019 - PRECAST ELEVATIONS UPDATED
• 11.07.2019 - LOCATION OF RECESSED SLABS AT DOORS
• XX-XX-XXXX - SHEAR WALL LOCATIONS AND CALLOUTS

FRAMING - 1ST FLOOR CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI


S210


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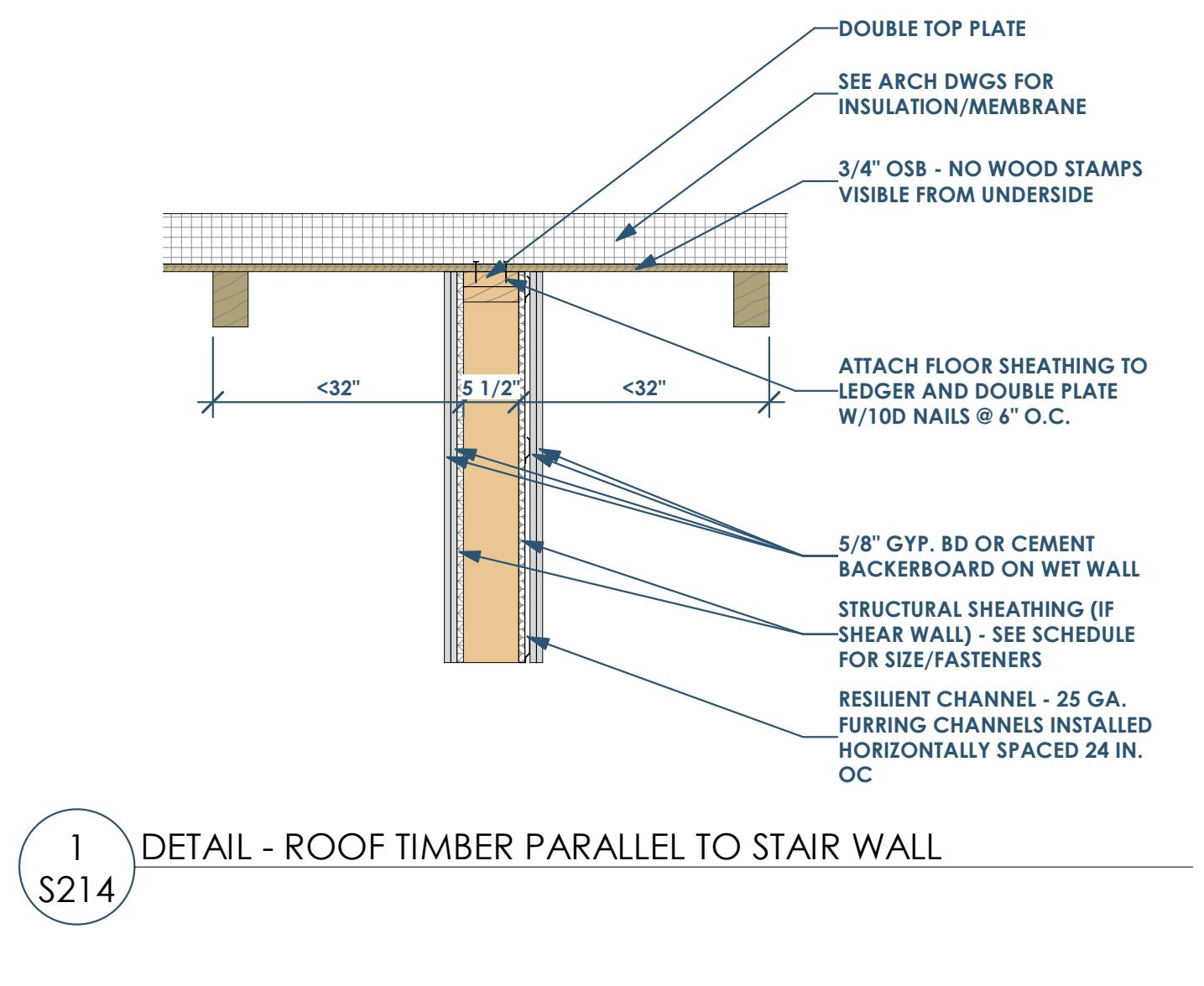
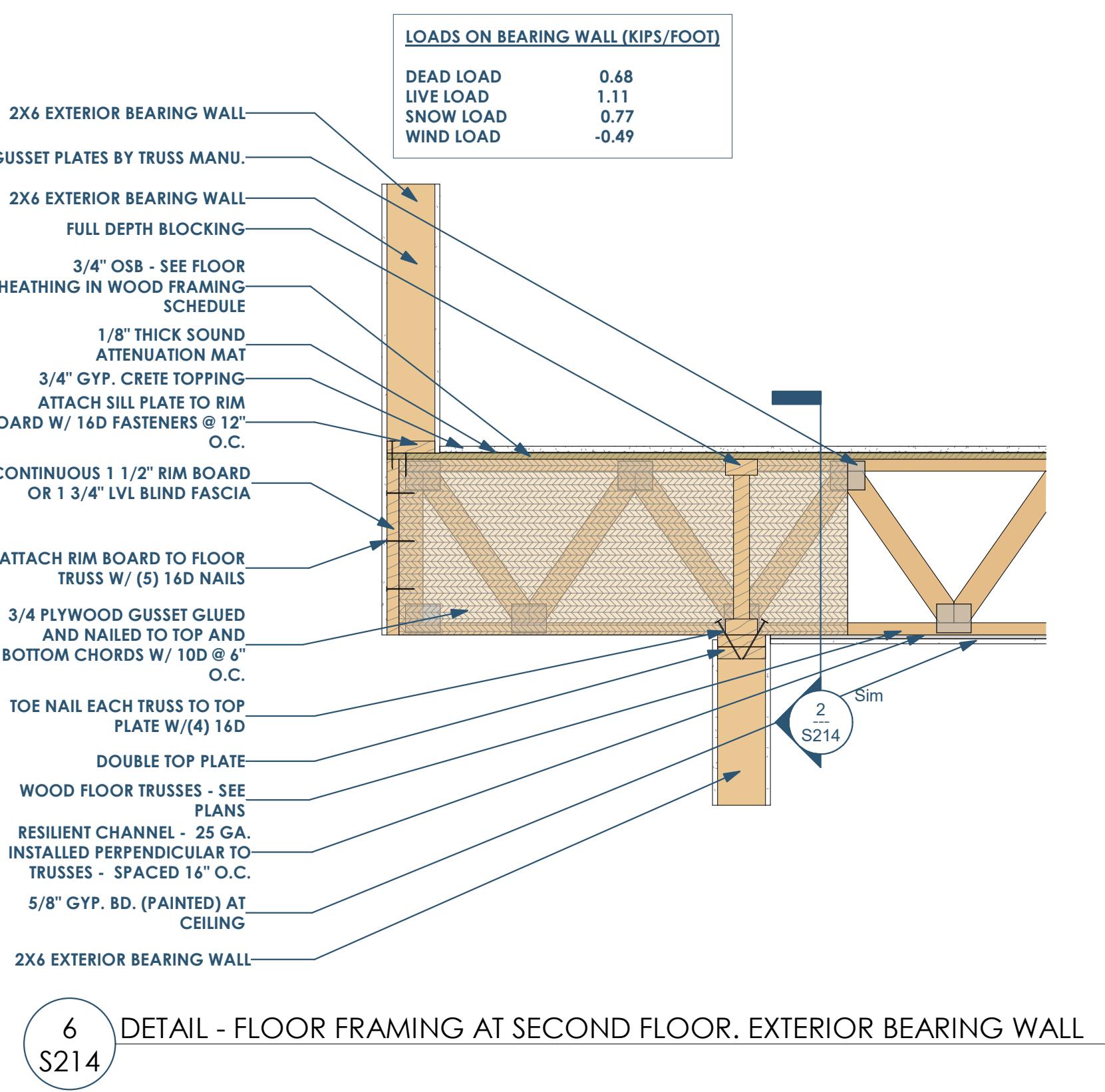


Date
08.15.2019
08.21.2019
01.24.2020
Description
75% CD Set
Permit
Updates for Panelizer

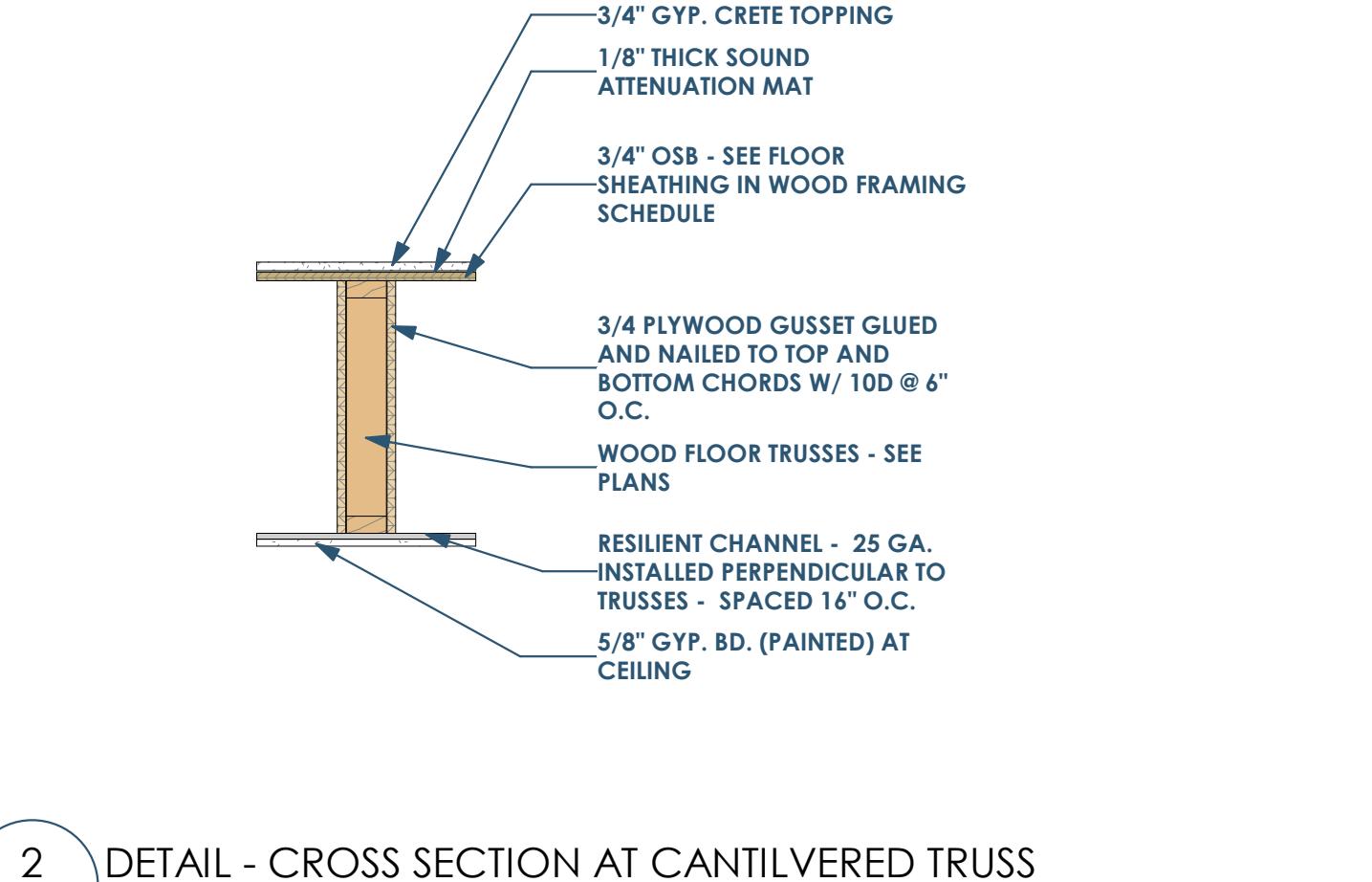
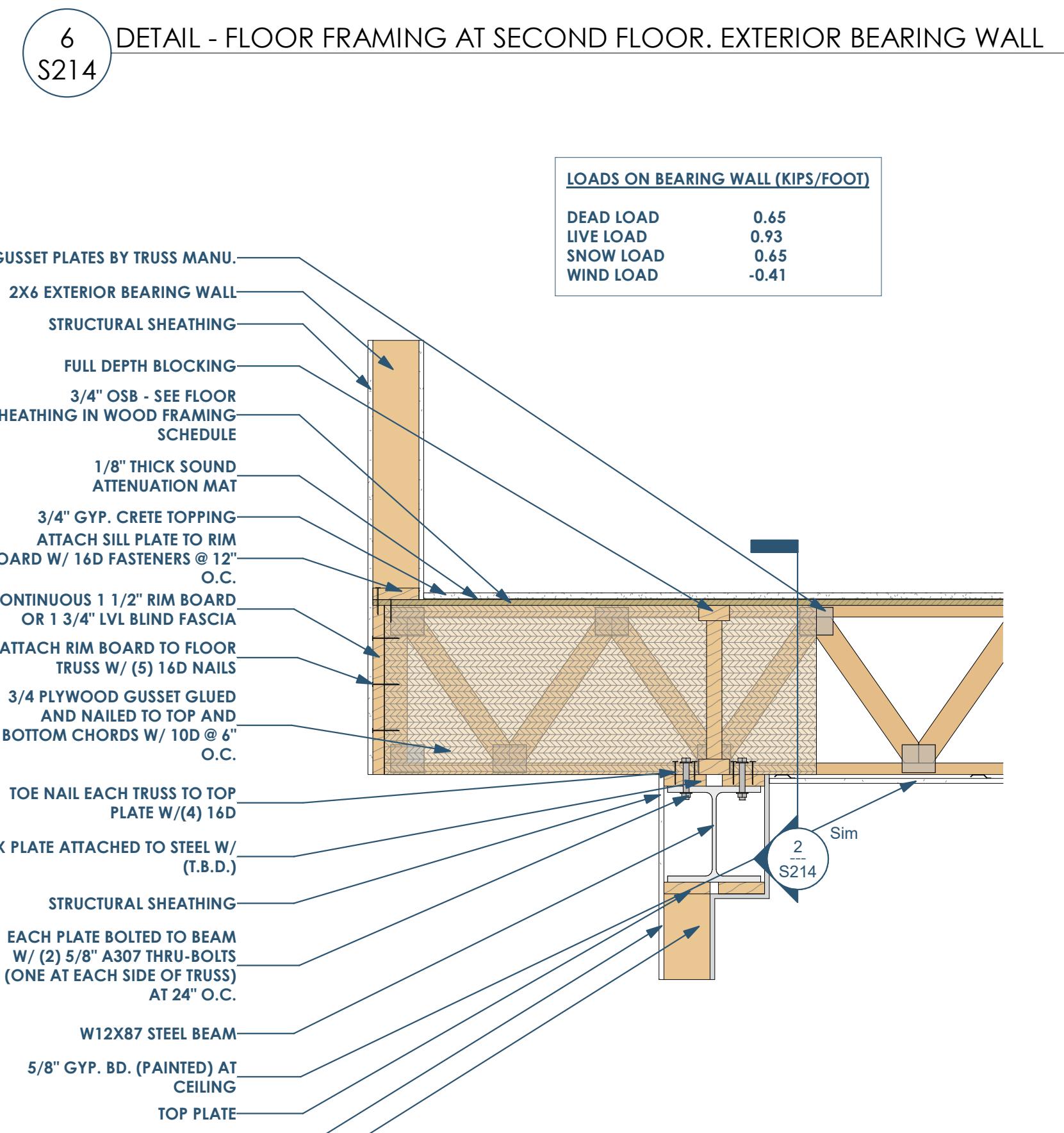




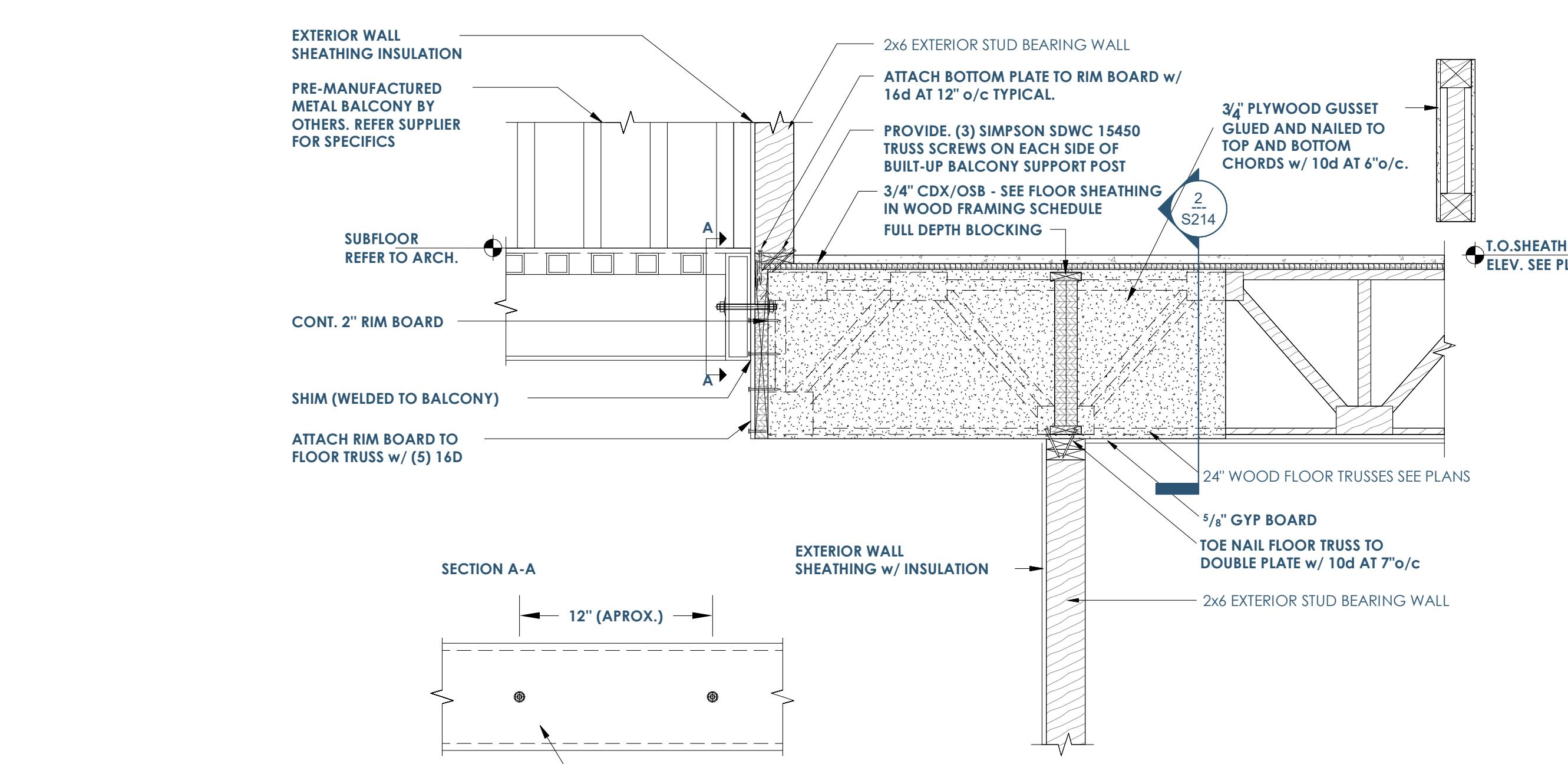
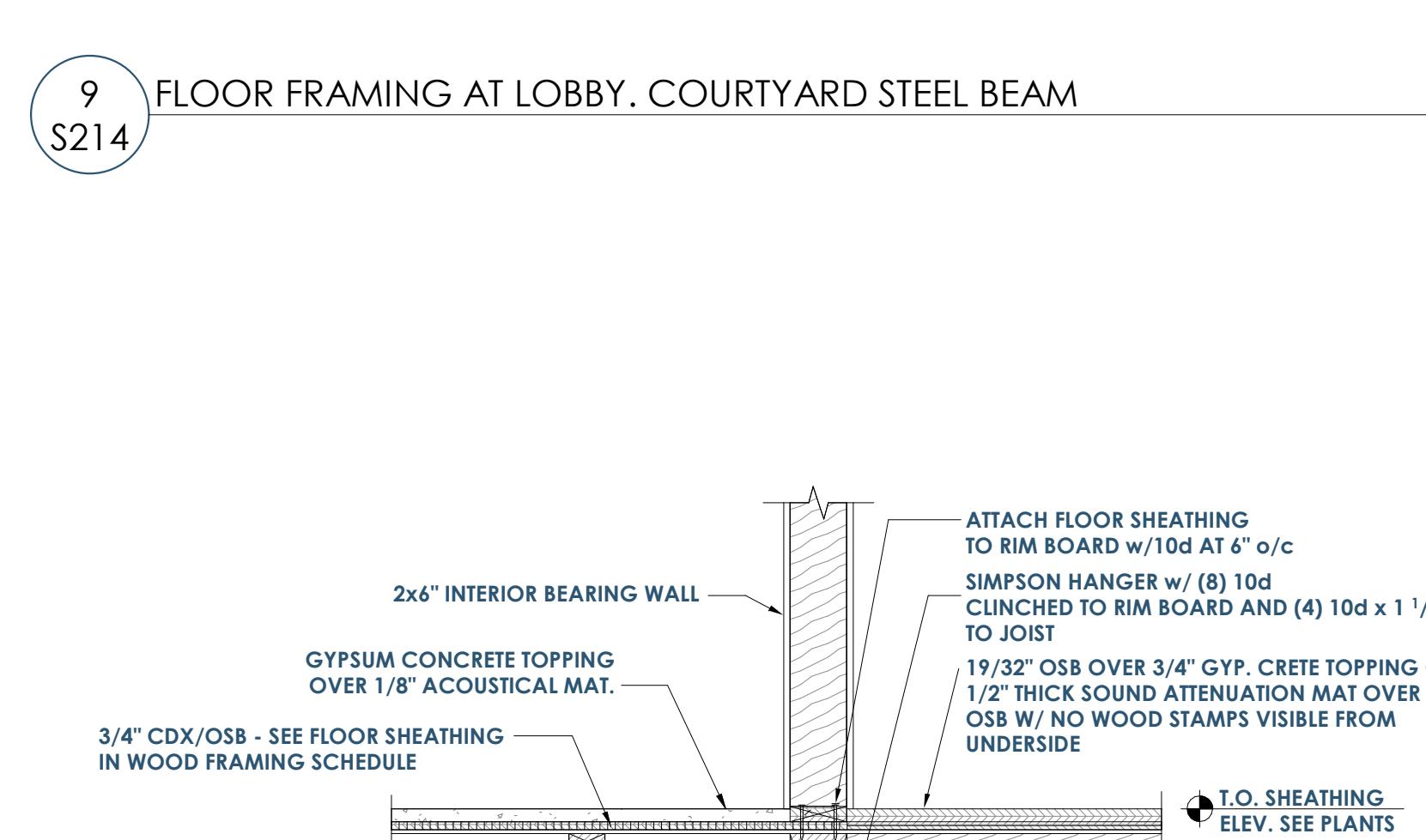
Date	Description
08.15.2019	75% CD Set
08.21.2019	Permit



1 S214 DETAIL - ROOF TIMBER PARALLEL TO STAIR WALL



2 S214 DETAIL - CROSS SECTION AT CANTILEVERED TRUSS



3 S214 DETAIL - FLOOR FRAMING AT LOBBY, COURTYARD STEEL BEAM

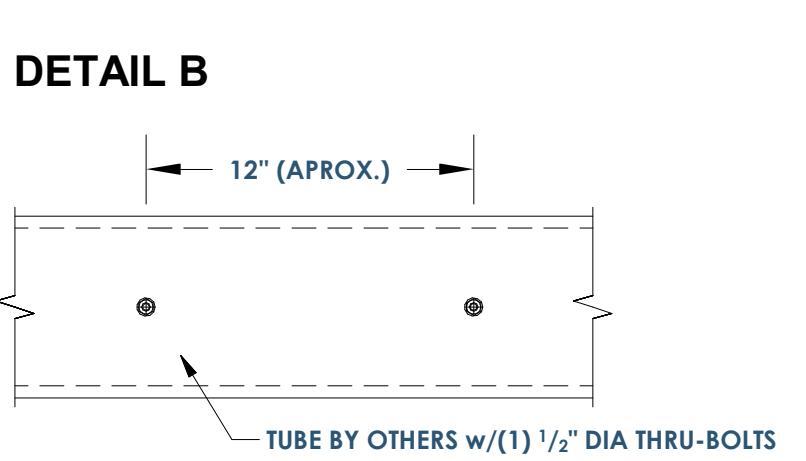
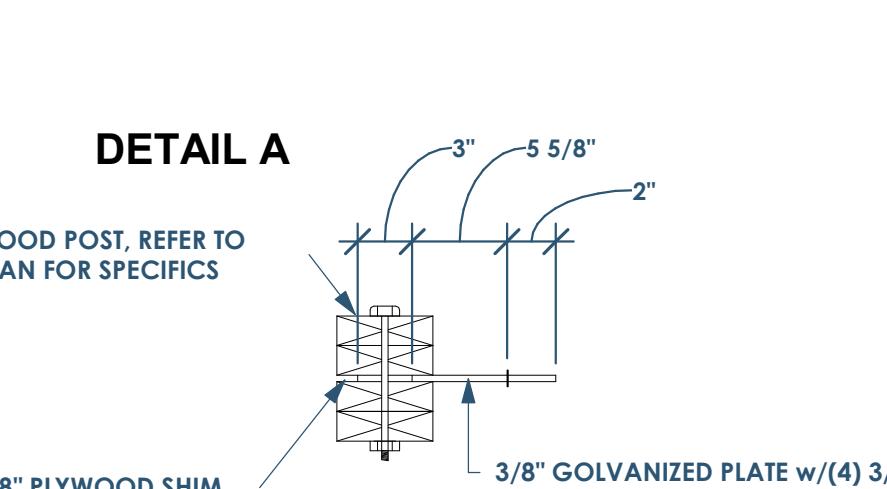
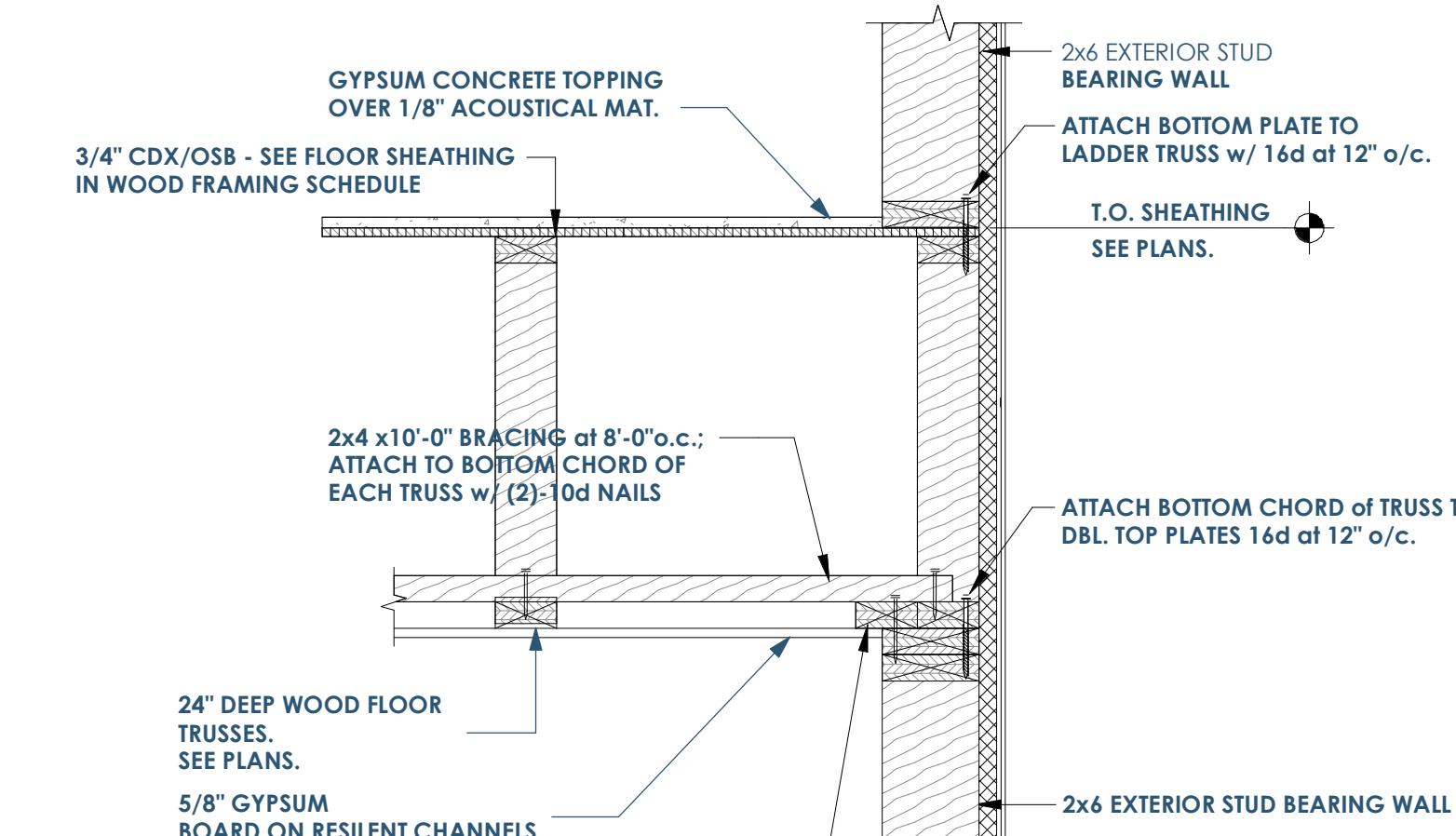
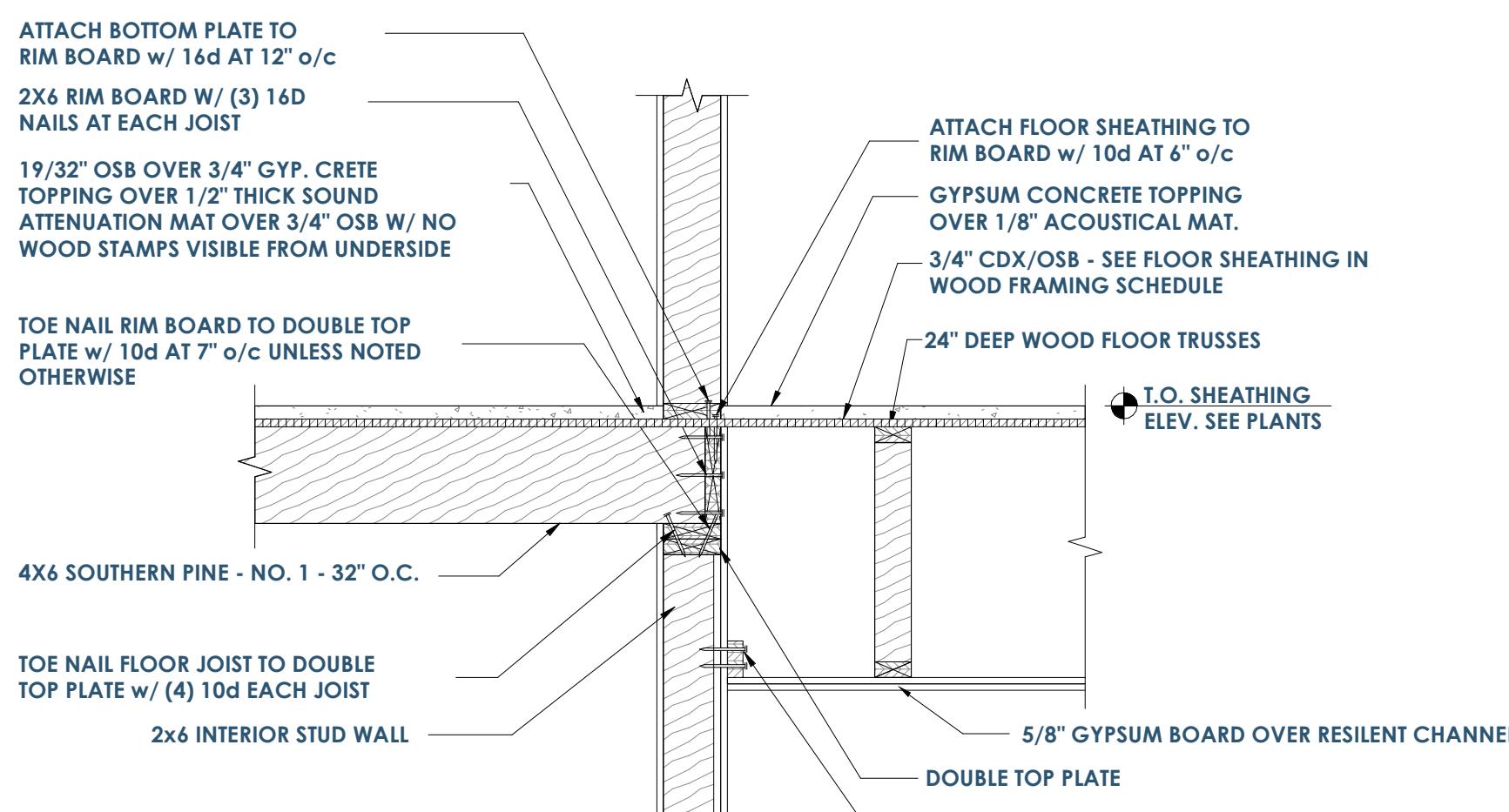
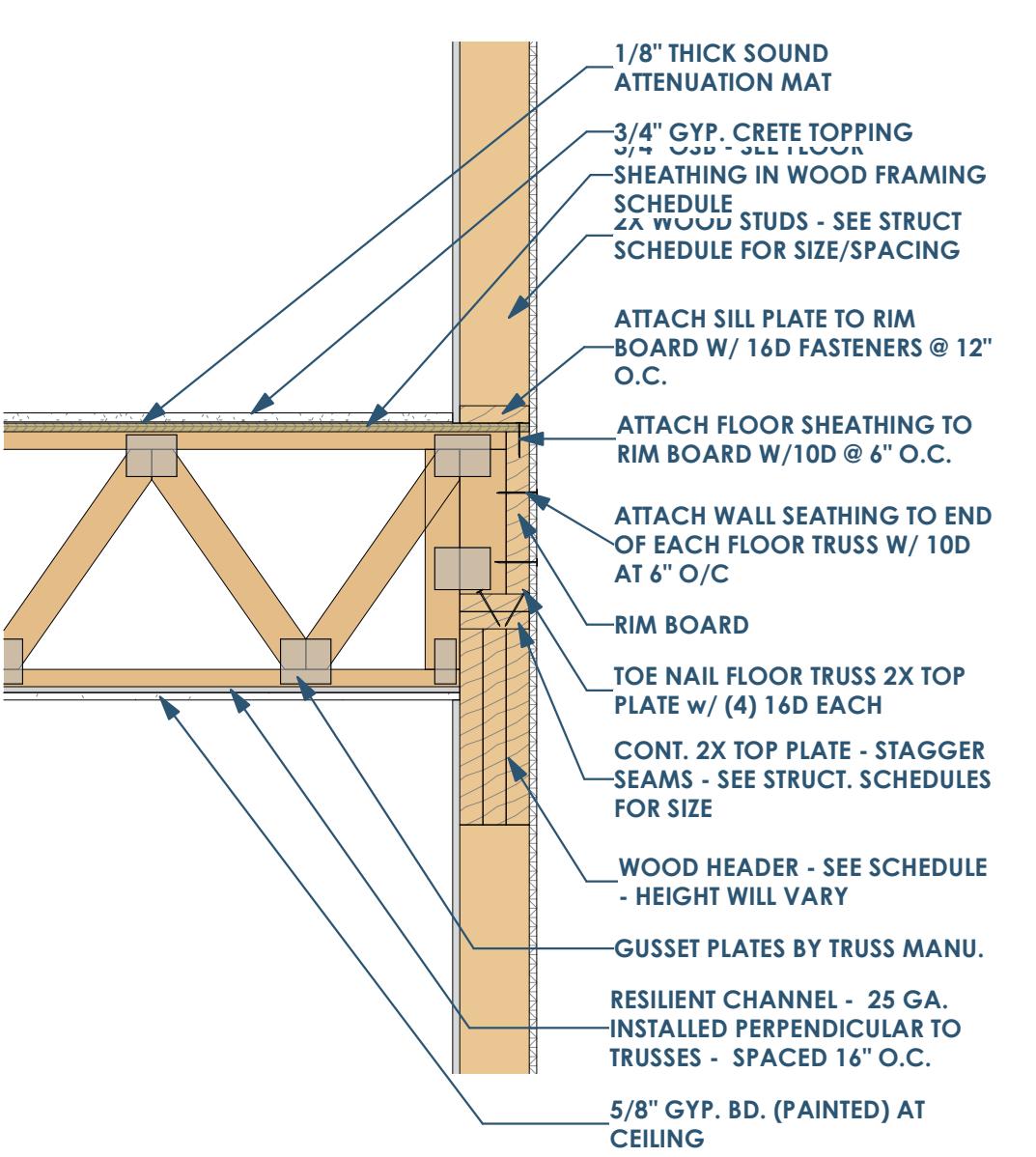


4 S214 DETAIL - FLOOR FRAMING AT LOBBY, INTERIOR BEARING WALL



5 S214 DETAIL - METAL BALCONY BASE CONNECTION 2nd FLOOR

Date	Description
08.15.2019	75% CD Set
08.21.2019	Permit



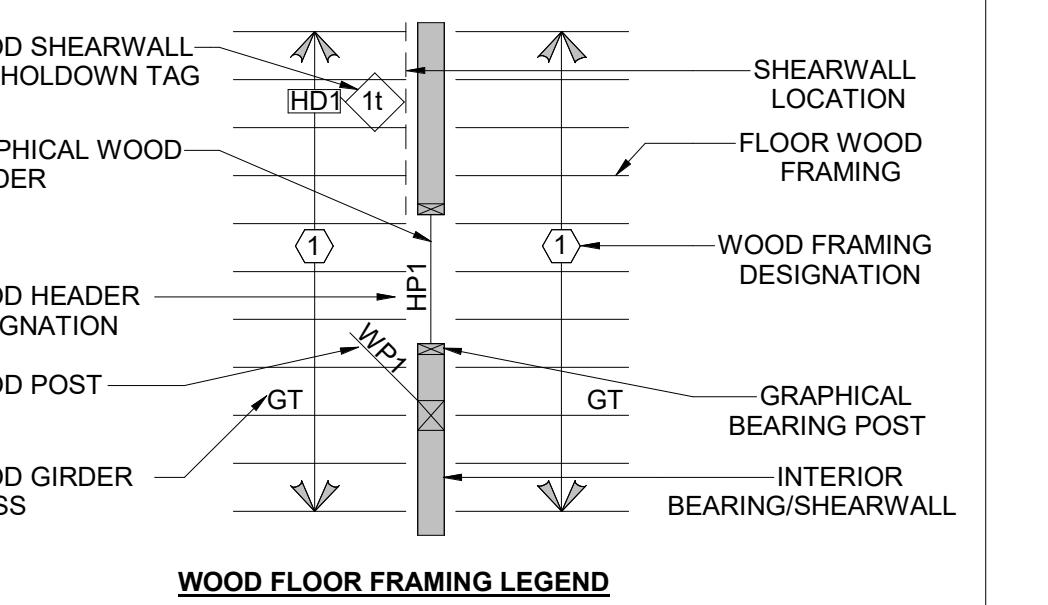
11 S215 FLOOR FRAMING AT CORRIDOR, PLATFORM FRAMING AT EXTERIOR BEARING WALL

12 S215 METAL BALCONY BASE CONNECTION AND HANGER ROD CONNECTION, 3rd FLOOR

WOOD SHEAR WALL SCHEDULE											
Shear wall	Sheathing material	Panel thickness	Bucking	Minimum sheathing thickness in framing member or blocking	Faster type and size	Panel edge fastener spacing (in)	Nominal nail size (in)	Nominal nail capacity (lb)	Hold down stud	Hold down anchor type	Bottom plate attachment (floor to floor)
SW_N3A	Wood structural panels - sheathing	3/8	YES	1-3/8	8d	4	.840	2	(1)	Simpson HDU4-SDS2.5	-
SW_N3B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_N3C	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_N3D	Wood structural panels - sheathing	3/8	YES	1-3/8	8d	4	.840	2	(1)	Simpson HDU4-SDS2.5	-
SW_N2A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	4	1.420	4	(2)	Simpson HDU4-SDS2.5	-
SW_N2B	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	-	-	-	-
SW_N2C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	1	(1)	Simpson HDU4-SDS2.5	-
SW_N2D	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	4	1.420	4	(2)	Simpson HDU4-SDS2.5	-
SW_N1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	7	(3)	Simpson HDU11-SDS2.5	10
SW_N1B	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	-	-	-	34
SW_N1C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	3	(1)	Simpson HDU4-SDS2.5	11
SW_N1D	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	7	(3)	Simpson HDU11-SDS2.5	10
SW_S3A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	2	(1)	Simpson HDU4-SDS2.5	-
SW_S3B	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	2	(1)	Simpson HDU4-SDS2.5	-
SW_S3A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	6	(2)	Simpson HDU11-SDS2.5	-
SW_S2B	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	6	(2)	Simpson HDU11-SDS2.5	-
SW_S1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	10
SW_S1B	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	10
SW_E3A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	4	1.430	3	(1)	Simpson HDU4-SDS2.5	-
SW_E3B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_E3C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	4	1.430	6	(2)	Simpson HDU11-SDS2.5	-
SW_E2A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	7	(3)	Simpson HDU11-SDS2.5	-
SW_E2B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	1	(1)	Simpson HDU4-SDS2.5	-
SW_E2C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	-
SW_E1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	13	(4)	Simpson HD19	7
SW_E1B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	11
SW_E1C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	9	(3)	Simpson HD19	11
SW_W1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	4	1.430	3	(1)	Simpson HDU4-SDS2.5	-
SW_W2B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_W2C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	4	1.430	6	(2)	Simpson HDU11-SDS2.5	-
SW_W2A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	7	(3)	Simpson HDU11-SDS2.5	-
SW_W2B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	1	(1)	Simpson HDU4-SDS2.5	-
SW_W2C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	-
SW_W1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	13	(4)	Simpson HD19	9
SW_W1B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	11
SW_EC3A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	0	-	-	-
SW_EC3B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_EC3C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	3	(1)	Simpson HDU4-SDS2.5	-
SW_EC2A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	2	(1)	Simpson HDU4-SDS2.5	-
SW_EC2B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_EC2C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	6	(2)	Simpson HDU11-SDS2.5	-
SW_EC1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	6
SW_EC1B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	11
SW_EC1C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	11
SW_WC3A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	0	-	-	-
SW_WC3B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	0	.840	-	-	-	-
SW_WC3C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	6	1.950	3	(1)	Simpson HDU4-SDS2.5	-
SW_WC2A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	2	(1)	Simpson HDU4-SDS2.5	-
SW_WC2B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	-
SW_WC2C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	3	1.860	6	(2)	Simpson HDU11-SDS2.5	-
SW_WC1A	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	4
SW_WC1B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d	6	.840	-	-	-	11
SW_WC1C	Wood structural panels - sheathing	19/32	YES	1-1/2	10d	2	2.435	11	(4)	Simpson HD19	11

WOOD FLOOR PLAN NOTES:

1. TYPICAL FLOOR CONSTRUCTION: 1" GYPSUM CONCRETE TOPPING (120 PCF MAXIMUM DENSITY) ON 3/4" TONGUE & GROOVE APA RATED WOOD FLOOR.
2. SHEATHING (PLYWOOD OR OSB), GLUE & SCREW FLOOR FLOOR STRUCTURE. SHEATHING TO BE ATTACHED TO WOOD MEMBERS w SIMPSON STRONG-TIE STRONG-DRIVE WSNTL FASTENERS ON A 6 1/2" o/c PATTERN (EDGE/FIELD).
3. TYPICAL STAIR LANDING CONSTRUCTION: 3/4" TONGUE & GROOVE APA RATED WOOD FLOOR SHEATHING (PLYWOOD OR OSB) AND CONCRETE STAIR TREAD. SHEATHING TO BE ATTACHED TO FLOOR MEMBERS w SIMPSON STRONG-TIE STRONG-DRIVE WSNTL FASTENERS ON A 6 1/2" o/c PATTERN (EDGE/FIELD).
4. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING AND CONFIGURATION.
5. "HPX" DENOTES A WOOD HEADER/POST CONSTRUCTION, REFER TO WOOD HEADER/POST SCHEDULE FOR HEADER & POST DESIGNATION.
6. "WXP" DENOTES A WOOD POST, REFER TO WOOD HEADER/POST SCHEDULE FOR WOOD POST DESIGNATION ONLY.
7. ALL EXTERIOR WOOD STUD WALLS SHALL HAVE (1) LAYER OF 1/2" APA RATED SHEATHING (PLYWOOD OR OSB) ON THE EXTERIOR WALL FACE, REFER TO STANDARD DETAILS FOR TYPICAL BEARING WALL CONSTRUCTION AND SHEATHING ATTACHMENT. ATTACH SHEATHING TO EXTERIOR WALL STUDS WITH 10d COMMON NAILS ON 6 1/2" PATTERN (EDGES/FIELD). NAILS TO HAVE A MINIMUM PENETRATION INTO FRAMING MEMBER OF 1/2".
8. REFER TO TYPICAL WOOD WALL DETAILS FOR FRAMING AROUND AN OPENING THROUGH A WOOD STUD BEARING WALL.
9. REFER TO EXTERIOR MISCELLANEOUS VENEER LINTEL SCHEDULE FOR ALL OPENINGS IN EXTERIOR VENEER.
10. ALL WOOD POSTS SHALL LINE UP FLOOR TO FLOOR DOWN TO THE TOP OF CONCRETE FOUNDATION WALL OR TOP OF PRECAST PLANK LEVEL. PROVIDE SOLID BLOCKING OF SAME SIZE AS POST IN TRUSS SPACES.
11. AT INTERIOR BEARING WALLS WHERE FLOOR TRUSSES BEAR ON WALL FROM EITHER SIDE, LAP TRUSSES AND BEAR EACH TRUSS FULL WIDTH OF WALL, TYPICAL.
12. PROVIDE 2x6 STRONGBACK BRIDGING FULL LENGTH OF BUILDING. NAIL TO VERTICAL TRUSS WEB w (3) 16d NAILS. PROVIDE BRIDGING EQUALLY SPACED ALONG TRUSS SPAN AS REQUIRED BY DESIGN.
13. AT EXTERIOR DECKS, PROVIDE COMPOSITE OR PRESSURE TREATED 5/4" WOOD DECKING.
14. ALL WOOD HEADERS SHOWN IN STUD WALLS ARE DROPPED HEADERS AND SHALL BE PLACED AT WALL OPENING HT UNLESS NOTED OTHERWISE. REFER TO ARCH DRAWINGS FOR OPENING HEIGHTS. ALL OTHER HEADERS SHALL BE FLUSH w BOTTOM OF FLOOR FRAMING, TYPICAL.
15. ALL VERTICAL MASONRY WALL REINFORCEMENT SHALL RUN CONTINUOUS THROUGH BOND BEAMS AND EXTEND FULL HEIGHT OF THE WALL. GROUT CORES SOLID AT ALL VERTICAL REINFORCING.
- 16."MW-X" INDICATES MASONRY WALL REINFORCEMENT TYPE. REFER TO SCHEDULE FOR SIZE & SPACING.
17. GROUT MASONRY CORES SOLID AT ALL MECHANICAL ANCHOR LOCATIONS, TYPICAL.
- 18.(XXX-XX) INDICATES THE TOP OF STEEL BEAM ELEVATION.



WOOD FRAMING											

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Date	Description
01.14.2020	Lintels at Elevator
01.24.2020	Updates for Panelizer

STRUCTURAL - ELEVATOR - ELEVATIONS

CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI

S402

1/24/2020 10:16:56 PM

