

MASONRY WALL REINFORCING SCHEDULE			
MARK	WALL THICKNESS	VERTICAL REINFORCEMENT & SPACING	REINFORCEMENT LOCATION IN CELL
MW 1	8"	#5 AT 48" o/c MAX	CENTER
MW 2	8"	#6 AT 16" o/c MAX	INSIDE FACE

MASONRY WALL REINFORCING SCHEDULE NOTES:
1. GROUT CONCRETE MASONRY UNITS SOLID FULL HEIGHT OF BUILDING AT REINFORCEMENT LOCATIONS.
2. UNLESS NOTED OTHERWISE, PROVIDE DOWELS INTO FOOTING TO MATCH WALL REINFORCEMENT.
3. PROVIDE CONCRETE MASONRY UNIT WALL REINFORCING ABOVE AND BELOW ALL MASONRY OPENINGS. EXTEND THE LENGTH OF THE REBARS BY 23" OR 40 BAR DIAMETERS PAST THE EDGE OF THE OPENING.
4. REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
5. PROVIDE STANDARD (W17) HORIZONTAL JOINT REINFORCING AT 16" ON CENTER VERTICALLY (16" ON CENTER IN PARAPET WALLS) UNO. REINFORCING TO BE HOT-DIPPED GALVANIZED IN EXTERIOR WALLS AND MILL-GALVANIZED FOR INTERIOR WALLS.
6. MASONRY FIREWALL CONSTRUCTION ASSUMES MASONRY BLOCKS COMPRISED OF LIMESTONE.

MASONRY WALL FOOTING SCHEDULE			
MARK	WIDTH	THICKNESS	LONGITUDINAL
MWF 1	2' - 0"	1' - 0"	(2)#5
MWF 2	2' - 0"	1' - 2"	(3)#5

MASONRY WALL FOOTING SCHEDULE:
1. REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.

THICKENED SLAB SCHEDULE			
MARK	DIMENSIONS	REINFORCEMENT	REMARKS
TS20	2' - 0"	1' - 0"	(2) #5 THICKENED SLAB, REFER TO 11/

THICKENED SLAB SCHEDULE NOTES:
1. REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.

WALL FOOTING SCHEDULE			
MARK	DIMENSIONS	REINFORCEMENT	
WF26	2' - 6"	1' - 2"	(3) #5 #5's AT 12" BOTTOM FACE
WF30	3' - 0"	1' - 2"	(3) #5 #5's AT 12" BOTTOM FACE

COLUMN FOOTING SCHEDULE NOTES:
1. REFER TO STRUCTURAL NOTES SHEET FOR MINIMUM COVER REQUIREMENTS.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.
4. ALL LAPS IN STEEL REINFORCING SHALL BE CLASS "B" LAP SPLICES UNLESS NOTED OTHERWISE.

COLUMN FOOTING SCHEDULE			
MARK	DIMENSIONS	BOTTOM REINFORCING	COLUMNS
FT900a	9'-0" 9'-0"	1'-8" (10)-#7	A1 A2
FT900b	9'-0" 9'-0"	1'-8" (10)-#8	A3 A4 A5
FT96a	9'-6" 9'-6"	1'-8" (10)-#7	B2
FT96b	9'-6" 9'-6"	1'-8" (10)-#8	B3 B4 B5
FT100	10'-0" 10'-0"	2'-1" (11)-#8	F1 F2 F3 F4 F5
FT106	10'-6" 10'-6"	2'-3" (11)-#8	C1
FT110a	11'-0" 11'-0"	2'-1" (12)-#8	G2 G3 G4 G5
FT110b	11'-0" 11'-0"	2'-3" (12)-#8	D1 G1
FT116	11'-6" 11'-6"	2'-1" (12)-#8	C2 C3 C4 C5
FT120	12'-0" 12'-0"	2'-3" (13)-#8	D2 D3 D4 D5

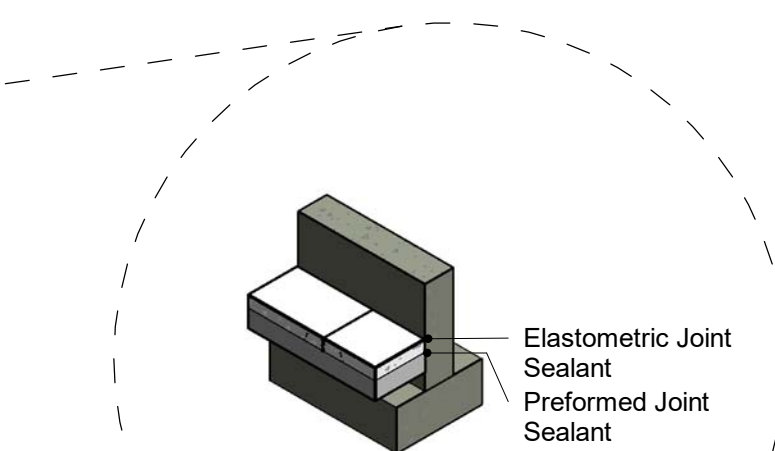
COLUMN FOOTING SCHEDULE:
1. REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
2. REFER TO FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS.
3. ALL FOOTING EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.

CONCRETE WALL REINFORCING SCHEDULE					
MARK	TYPE	THICKNESS	REINFORCEMENT		REMARKS
W1	CONCRETE	10"	VERTICAL	HORIZONTAL	
W2	CONCRETE	10"	5#s AT 18" o.c.	5#s AT 12" o.c.	inside face
W3	CONCRETE	10"	5#s AT 12" o.c.	5#s AT 12" o.c.	inside face
W4	CONCRETE	8"	4#s AT 12" o.c.	3#s AT 12" o.c.	centered in wall thickness

CONCRETE WALL REINFORCING SCHEDULE NOTES:
1. REFER TO STRUCTURAL NOTES SHEET FOR LAPS IN STEEL REINFORCEMENT.
2. COORDINATE AND VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND EXIST. CONDITIONS

Date	Description
07.08.2019	Footing and Foundation Plan Permit
08.15.2019	75% CD Set
08.21.2019	Permit

 CONTRACTION OR CONSTRUCTION JOINT
 ISOLATION JOINT



STRUCTURAL DETAILS rev01
CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI

Developer: W Capital Group
tyler@wcapitalgroupe.com | 608.345.9848

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

General Contractor: ROYAL CONSTRUCTION
3653 Greenway Street | Eau Claire, WI 54701
jim@royalbuilt.com | 715-225-6377

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

Structural Engineer: Structural Engineering
Calle Apolonio Morales, 628036 Madrid,
l.perezato@xcengineering.xyz | +34 610 56 26 37

Structural Engineer: Structural Engineering
4729 Dale-Curtain Dr, McFarland, WI 53558
kfrey@ennovationbuilt.com

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

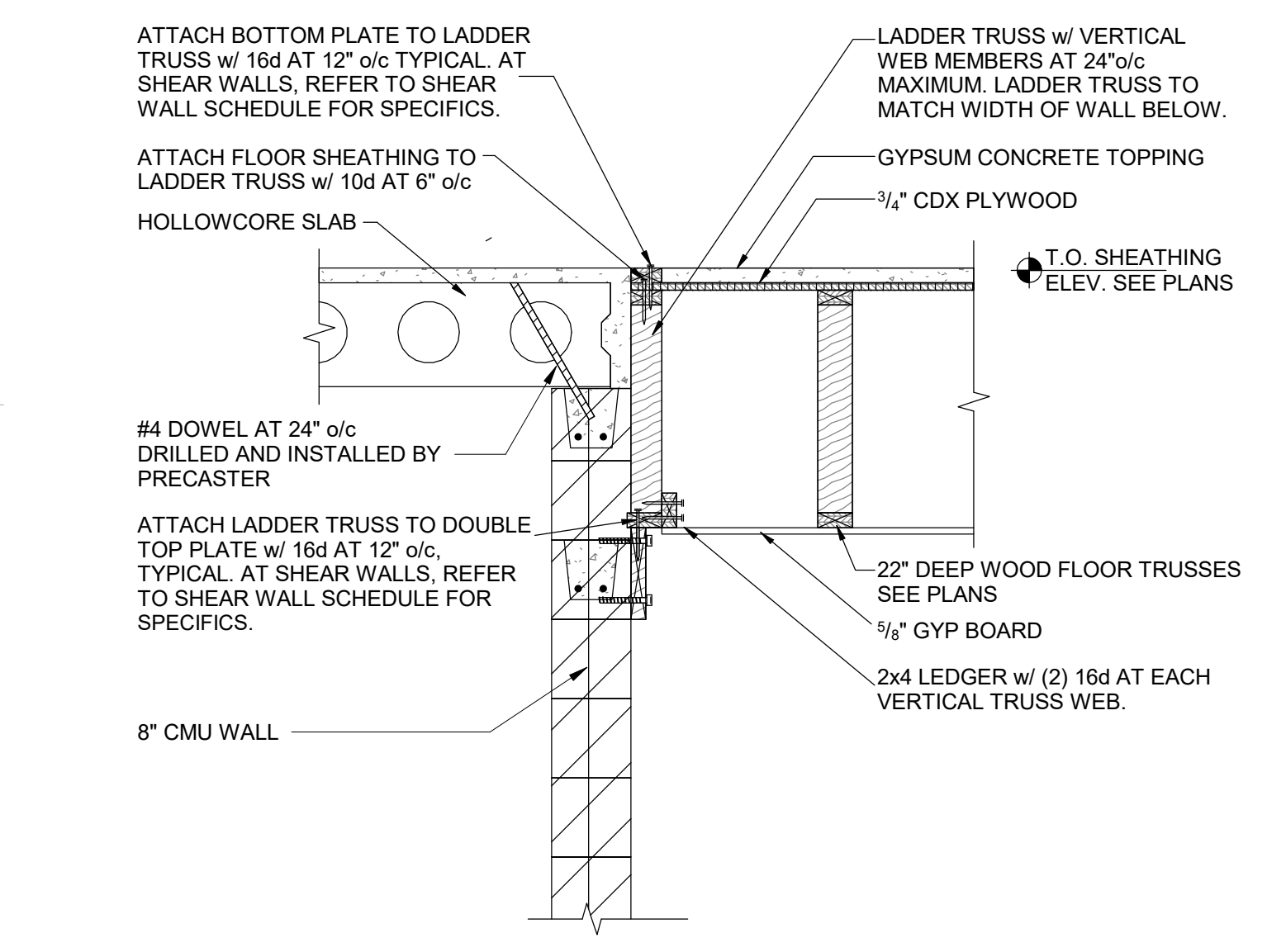
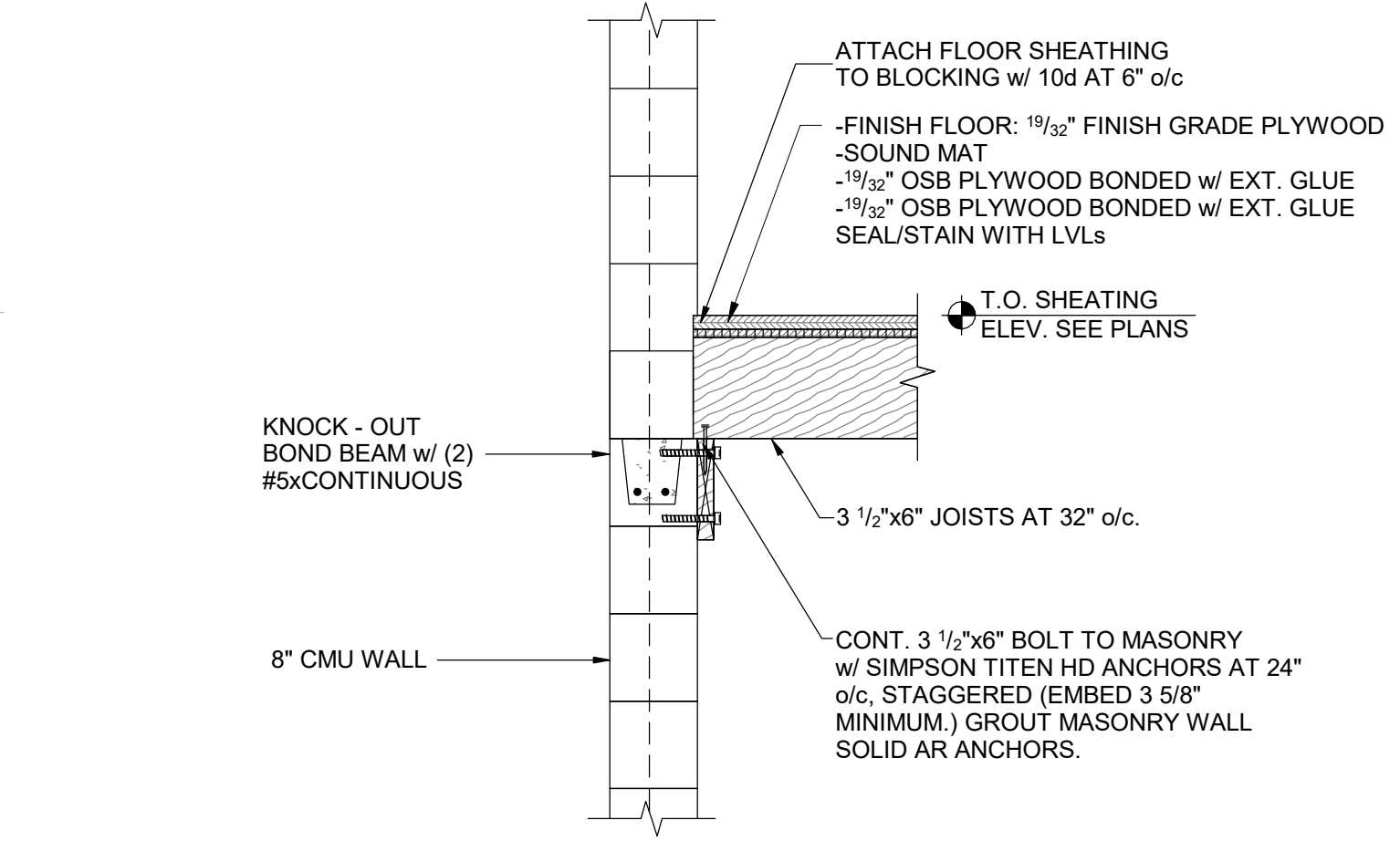
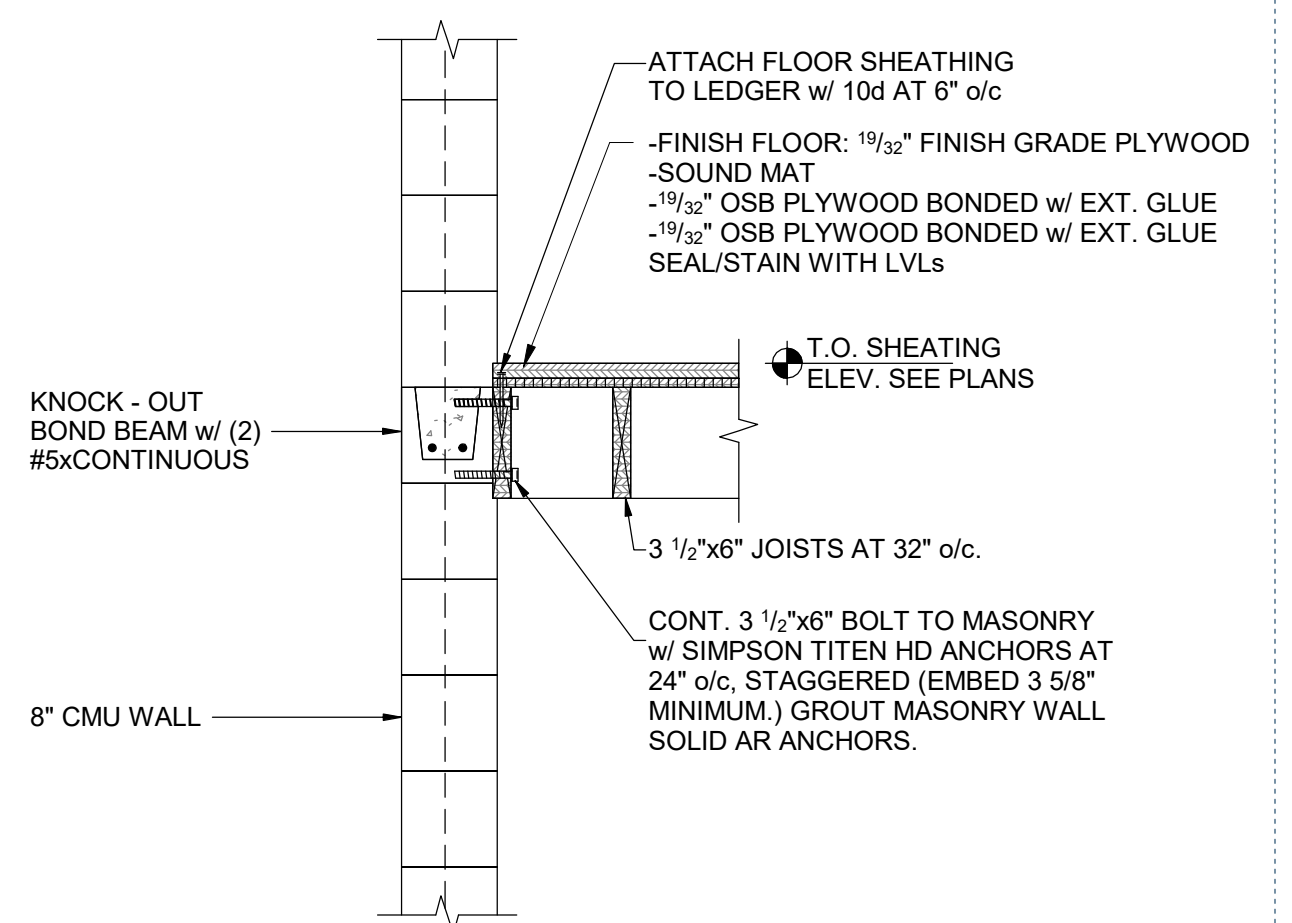
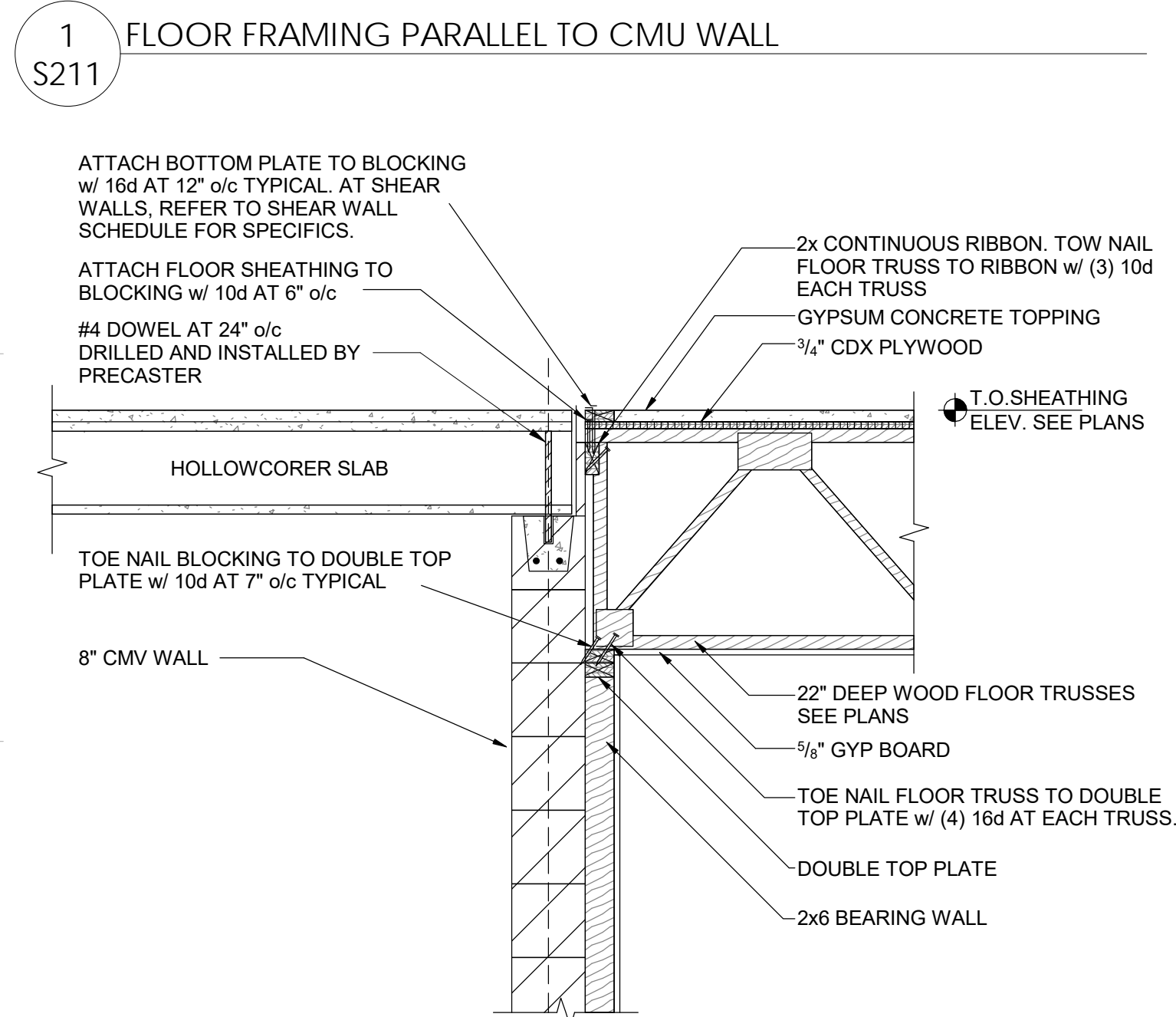
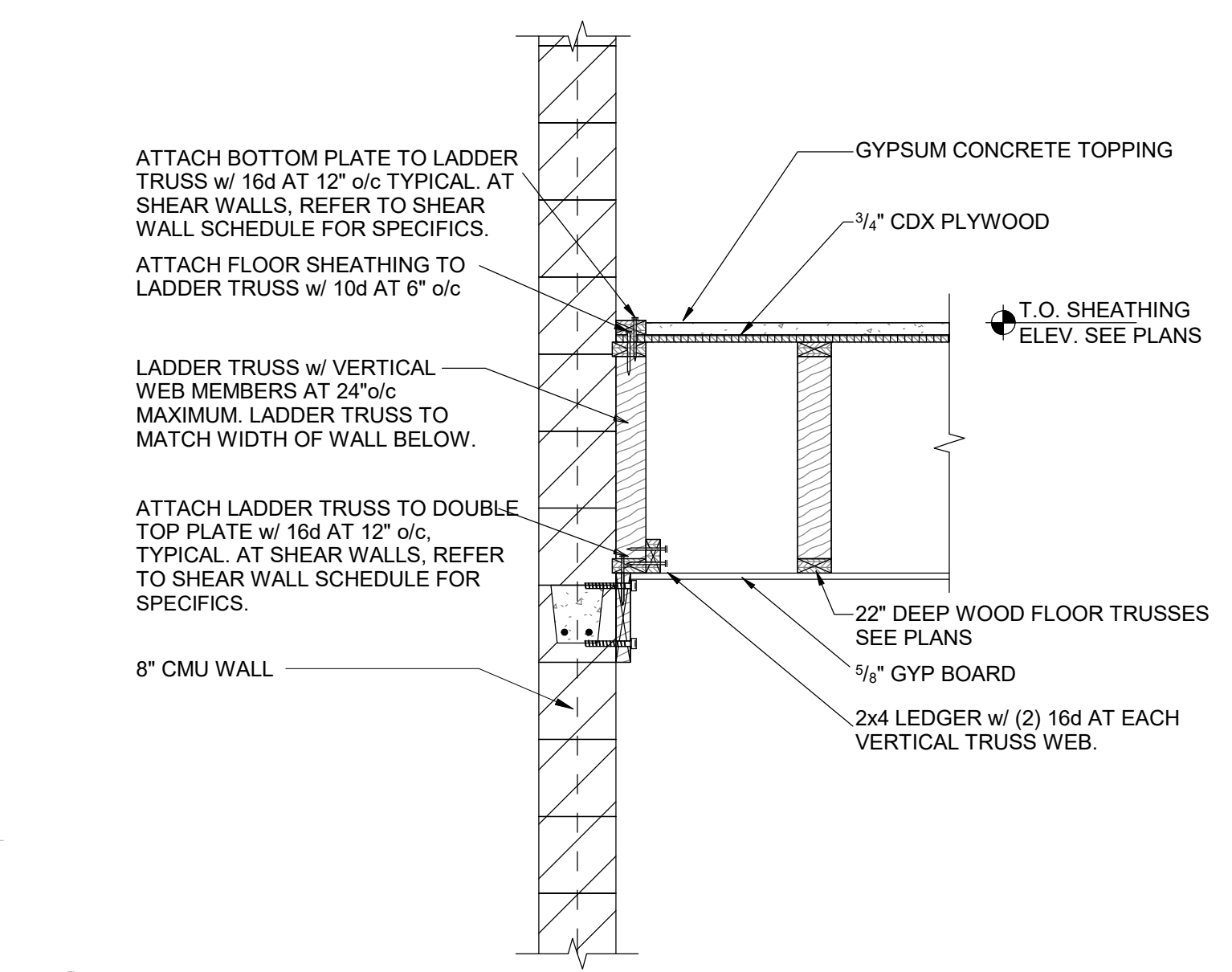
Electrical Engineer: PRISM DESIGN ELECTRICAL
CONSULTANTS INC
E8403 State Rd 85 | Mondovi, WI 54755
bhalgren@prismdesign-electrical.com | 715.797.0602

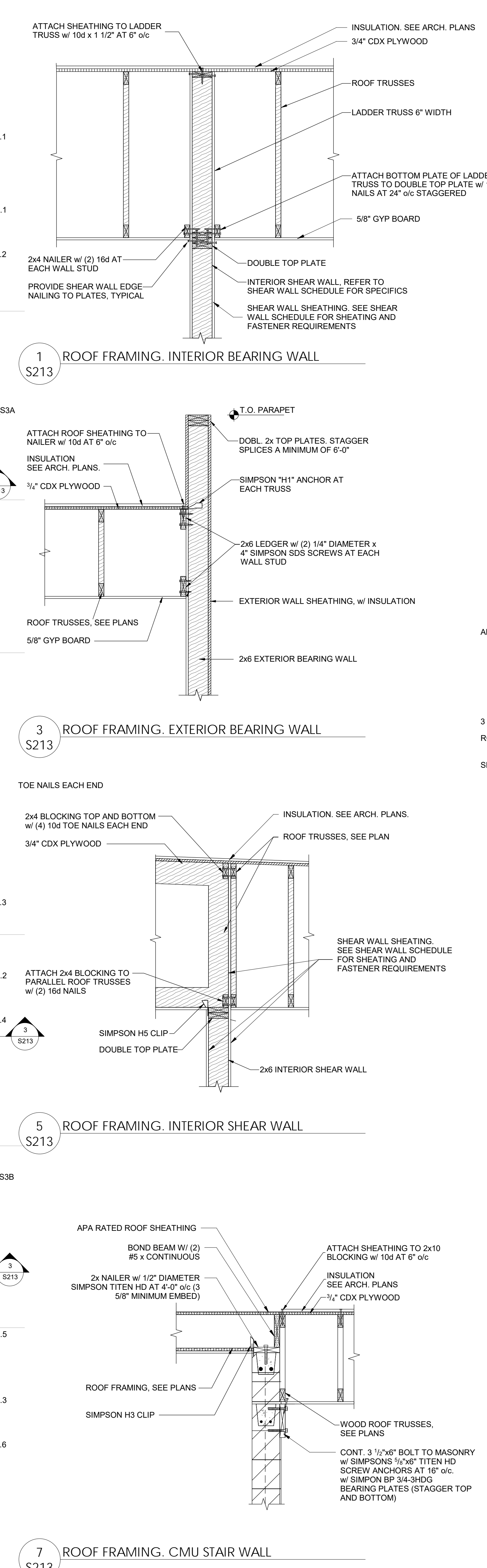
Plumbing Engineer: TAILORED ENGINEERING
1600 Aspen Commons | Ste 210 | Middleton, WI
53562
bnovak@tailoredeng.com | 608.209.7500

Date	Description
07.08.2019	Footing and Foundation Plan Permit
08.21.2019	Permit

S201

21/08/2019 12:21:49

[illegible]



3/4"x6 RIM BOARD w/ (3)
16d NAILS AT EACH JOIST

3/4" CDX PLYWOOD

3 1/2"x6" JOISTS AT 32" o/c

TOE NAIL FLOOR JOIST TO DOUBLE
TOP PLATE w/ (4) 10d EACH JOIST

TOE NAIL RIM BOARD TO DOUBLE TOP
PLATE w/ 10d AT 7" o/c UNLESS NOTED
OTHERWISE

DOUBLE TOP PLATE

DOBL. 2x TOP PLATES,
STAGGER SPICES A
MINIMUM OF 6'-0"

T.O. PARAPET

ATTACH ROOF SHEATHING TO
BLOCKING w/ 10d NAILS AT 6"
MAXIMUM

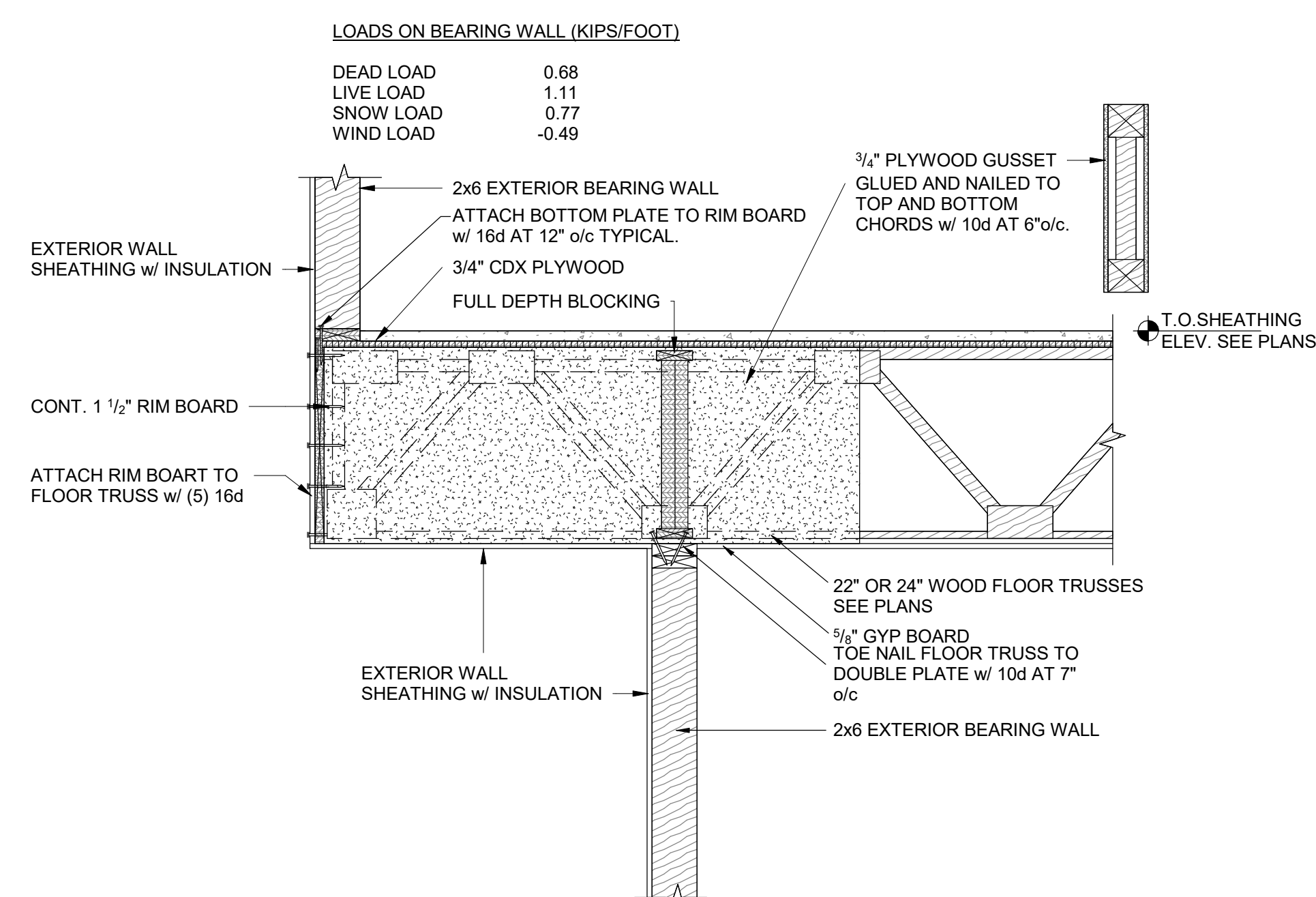
EXTERIOR WALL SHEATHING
W/ INSULATION

6
S123

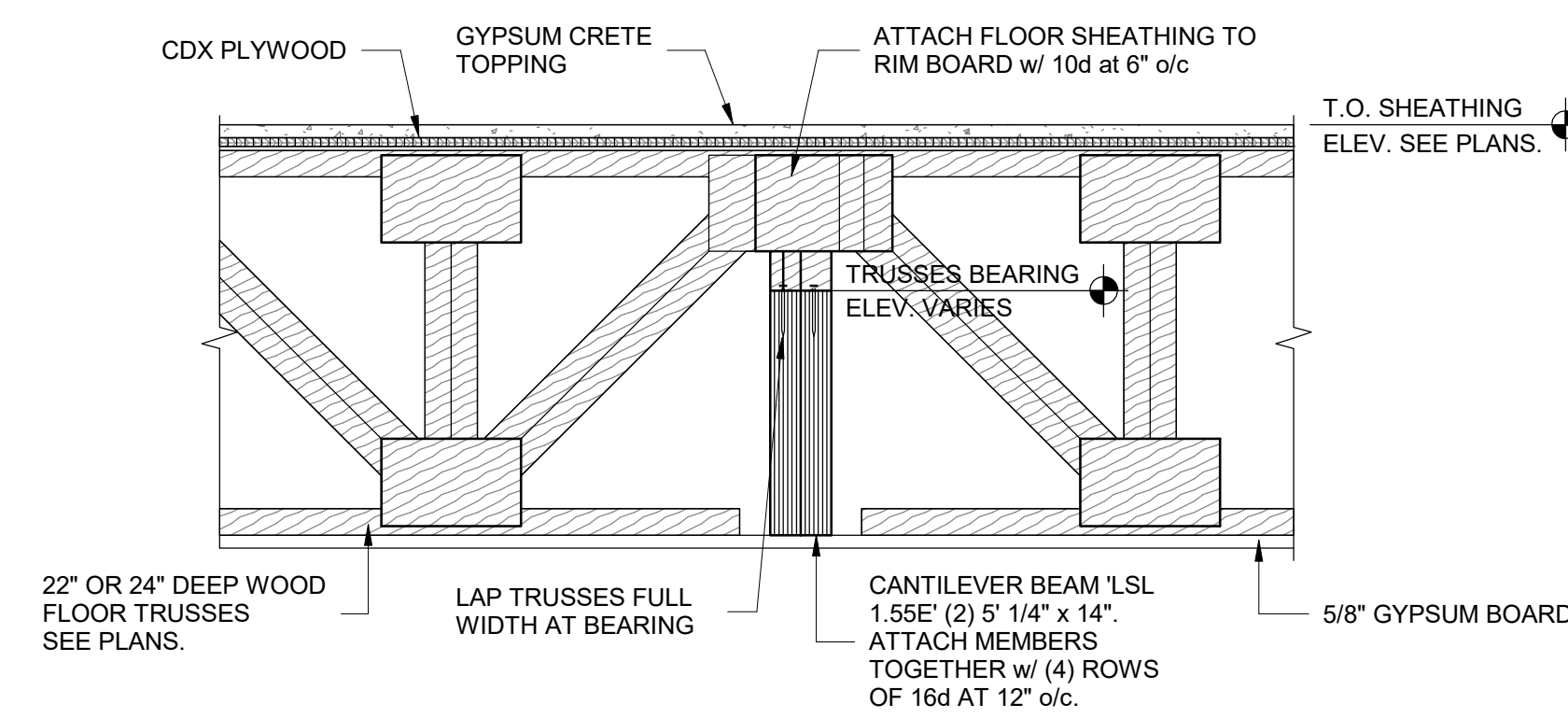
ROOF FRAMING. JOISTS ON EXTERIOR BEARING WALL

[illegible]

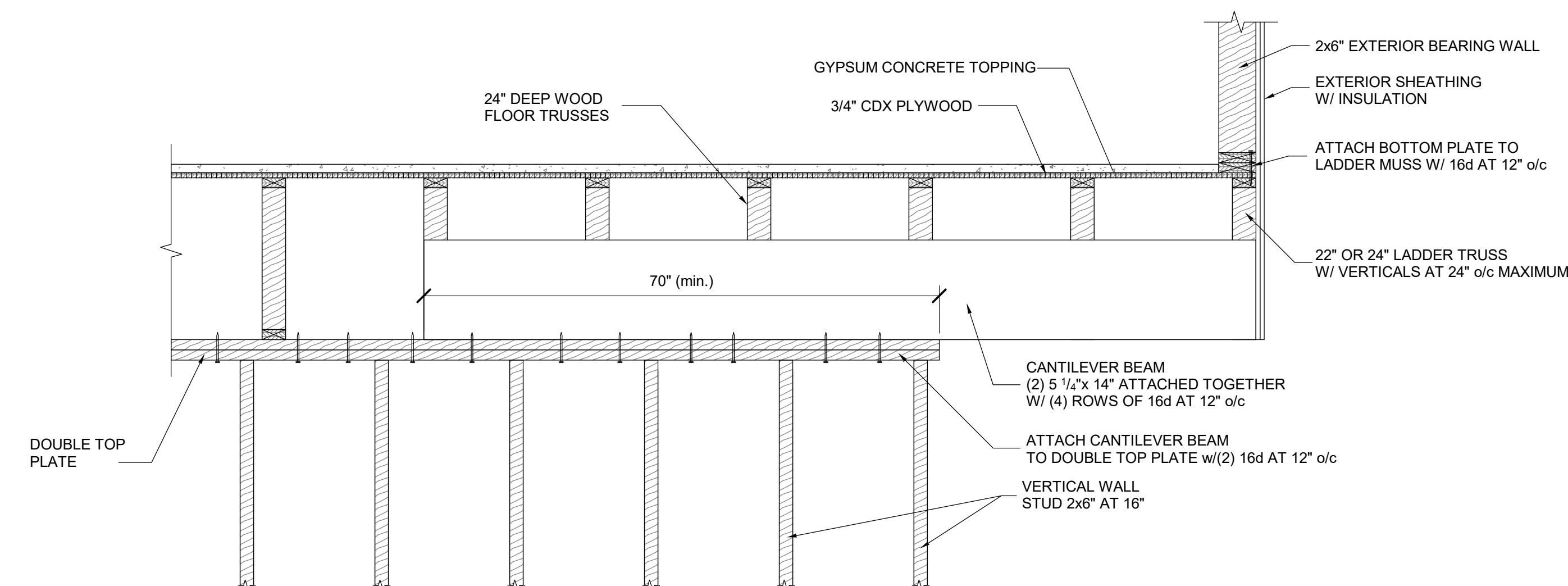
CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - FAU CLAIRE, WI



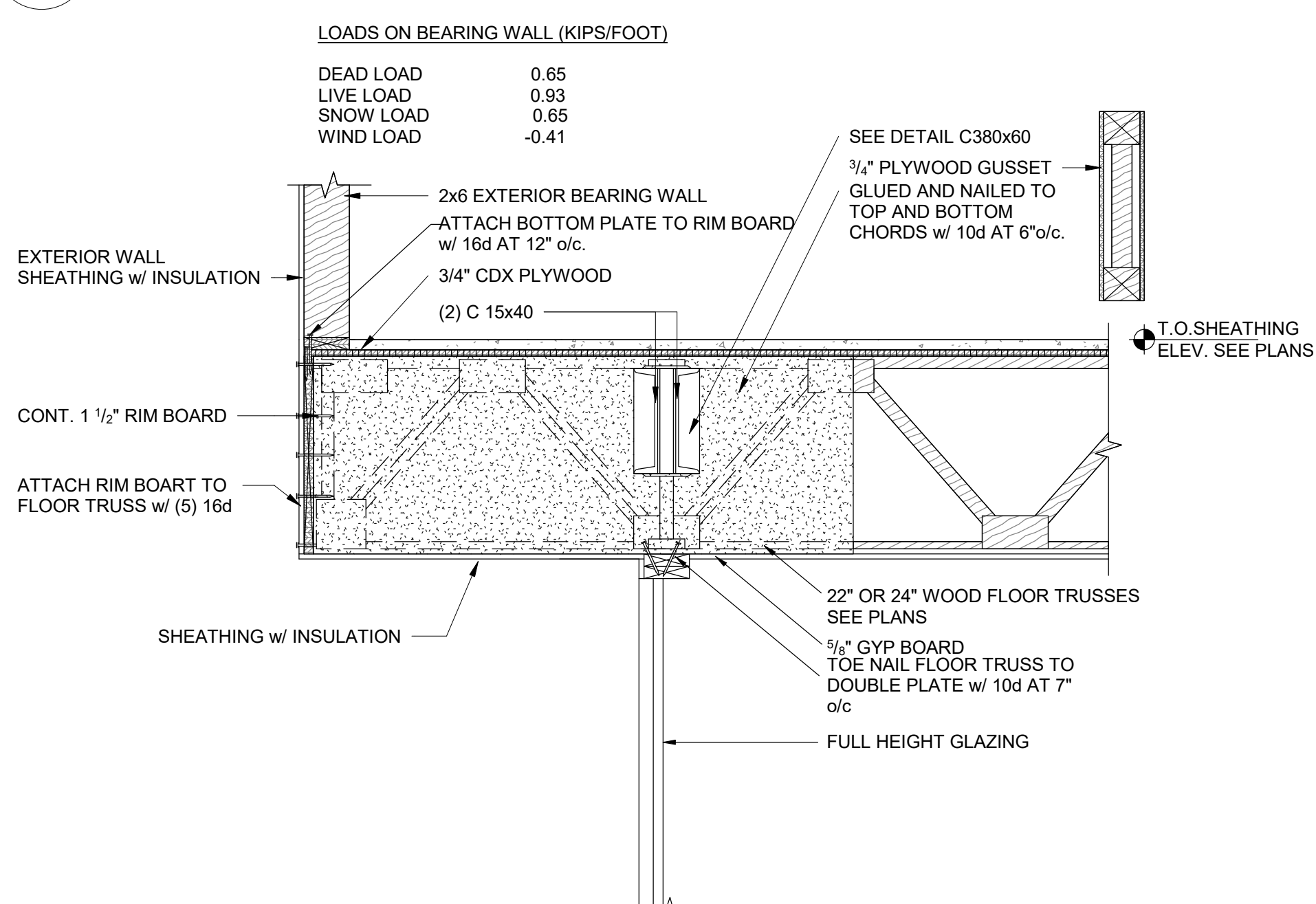
6 FLOOR FRAMING AT SECOND FLOOR. EXTERIOR BEARING WALL



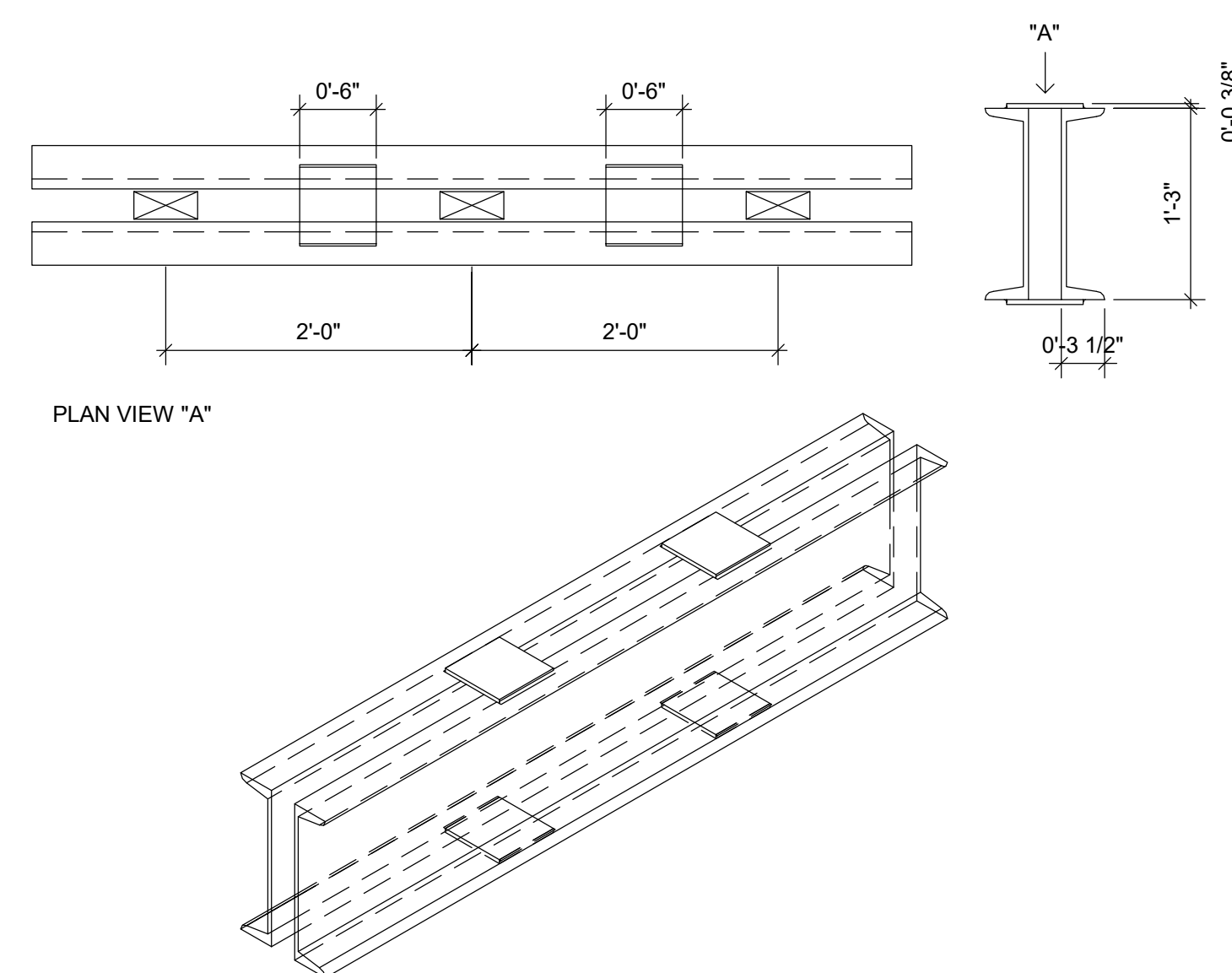
7 CANTILEVER. SECTION
S214



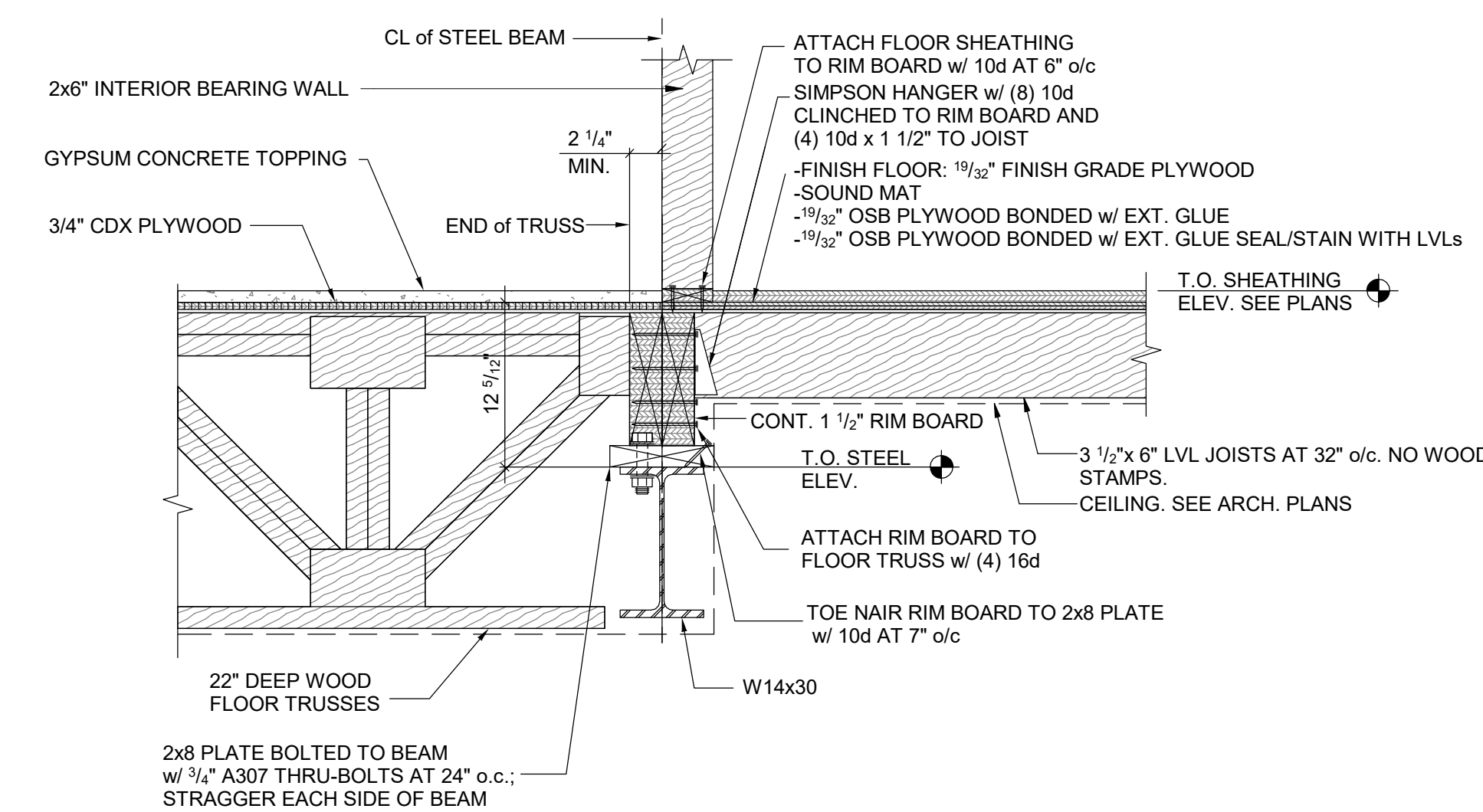
8 CANTILEVER. LATERAL VIEW
S214



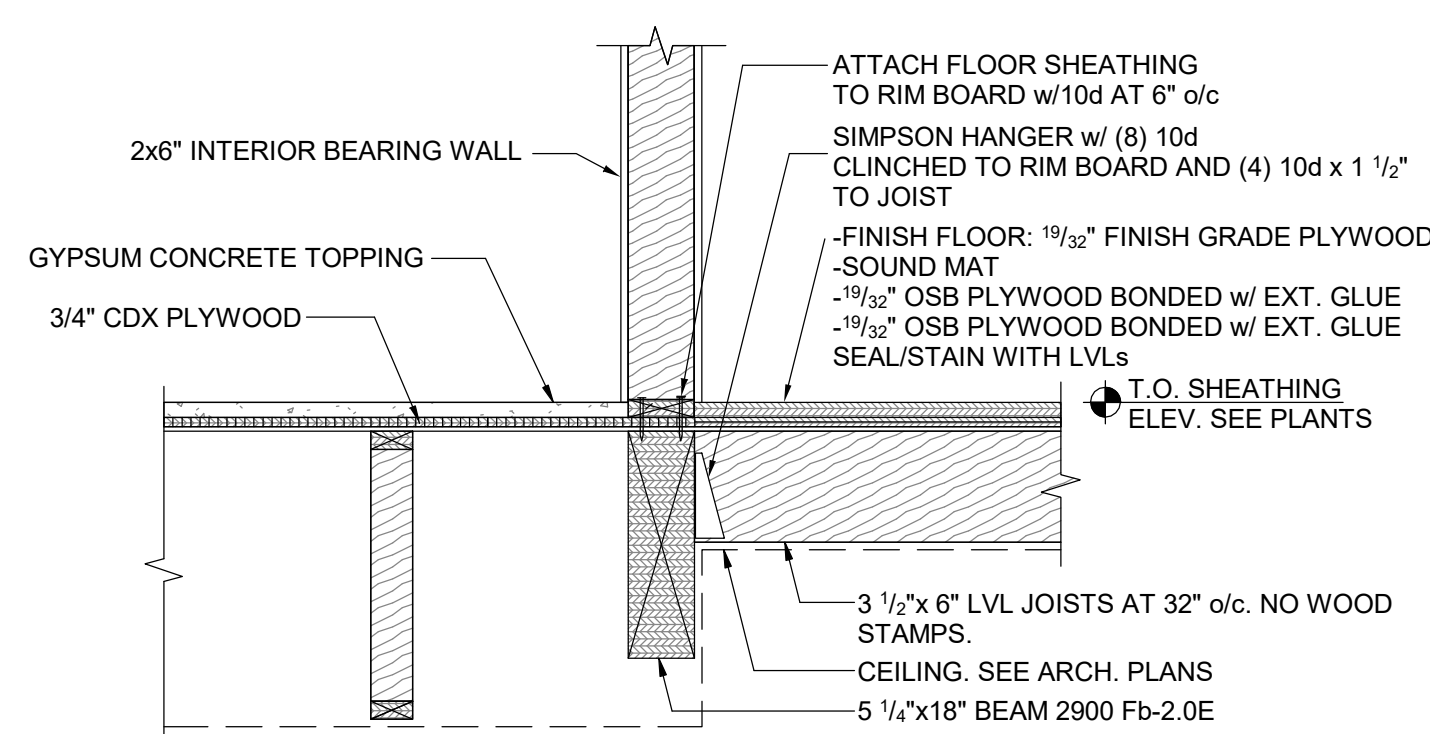
9 FLOOR FRAMING AT LOBBY, COURTYARD STEEL BEAM
S214



C15x40 DETAIL



10 FLOOR FRAMING AT LOBBY. CORRIDOR STEEL BEAM



11 FLOOR FRAMING AT LOBBY. INTERIOR BEARING WALL
S214

Date	Description
08.15.2019	75% CD Set
08.21.2019	Permit

E

D

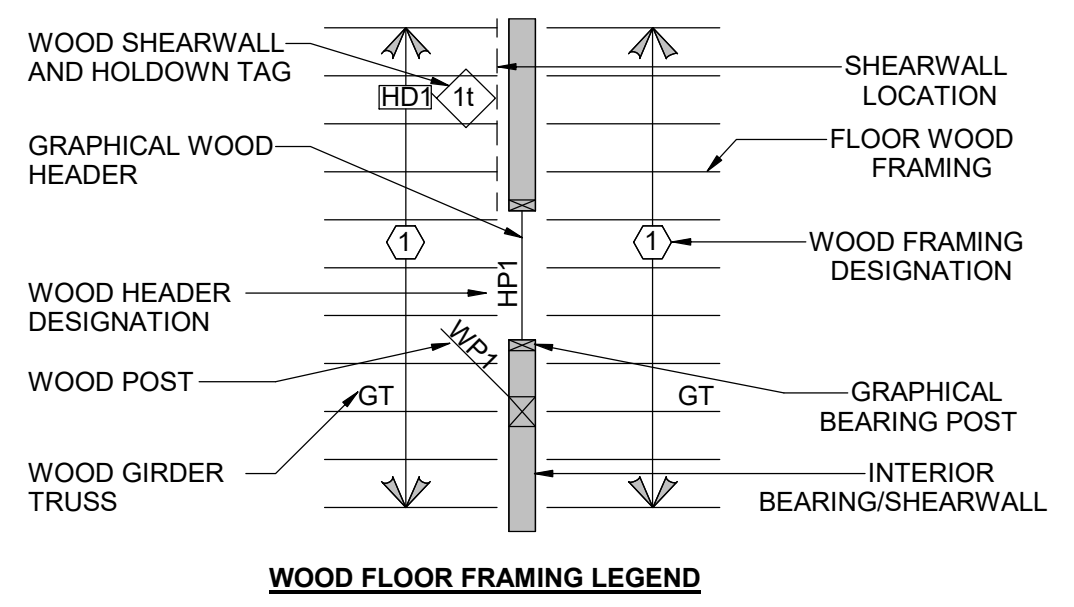
C

B

A

WOOD SHEAR WALL SCHEDULE													Bottom plate attachment (foundation)		Bottom plate attachment (floor to floor)	
Shear wall	Sheathing material	Panel thickness	Blocking	Minimum fastener in framing member or blocking	Fastener type and size	Panel edge fastener spacing	Normal end shear capacity (k)	Hold-down anchor capacity (kip)	Hold-down studs	Hold-down anchor type	Number of bolts (1 in 4 inch embedment depth)	Bolt spacing				
ID		(in)		(in)		(in)	(gpf)	(kip)								
SW_N3A	Wood structural panels – sheathing	3/8	YES	1-3/8	8d	4	840	2	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 25 in. o/c; 30 fasteners in 2 rows.			
SW_N3B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 24 in. o/c; 16 fasteners in 1 row.			
SW_N3C	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 21 in. o/c; 35 fasteners in 2 rows.			
SW_N3D	Wood structural panels – sheathing	3/8	YES	1-3/8	8d	4	840	2	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 25 in. o/c; 30 fasteners in 2 rows.			
SW_N2A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	4	1430	4	(2)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 14 in. o/c; 52 fasteners in 2 rows.			
SW_N2B	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	-	-	-	-	-	16d (d= 0.288 in) nails at 13 in. o/c; 28 fasteners in 1 row.			
SW_N2C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	1	(1)	Simpson HDU4-SDS2.5	-	-	16d (d= 0.288 in) nails at 12 in. o/c; 59 fasteners in 2 rows.			
SW_N2D	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	4	1430	4	(2)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 14 in. o/c; 52 fasteners in 2 rows.			
SW_N1A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	7	(3)	Simpson HDU11-SDS2.5	10	36	SDWS log screw (d= 0.197 in) at 12 in. o/c; 58 fasteners in 2 rows.			
SW_N1B	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	-	-	-	11	36	16d (d= 0.288 in) nails at 19 in. o/c; 40 fasteners in 2 rows.			
SW_N1C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	3	(1)	Simpson HDU4-SDS2.5	11	36	wood screws 20 (d= 0.32 in) at 19 in. o/c; 40 fasteners in 2 rows.			
SW_N1D	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	7	(3)	Simpson HDU11-SDS2.5	10	36	SDWS log screw (d= 0.197 in) at 12 in. o/c; 60 fasteners in 2 rows.			
SW_S3A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	2	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 21 in. o/c; 38 fasteners in 2 rows.			
SW_S3B	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	2	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 21 in. o/c; 38 fasteners in 2 rows.			
SW_S2A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	6	(2)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 13 in. o/c; 54 fasteners in 2 rows.			
SW_S2B	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	6	(2)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 13 in. o/c; 54 fasteners in 2 rows.			
SW_S1A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	10	36	SDWS log screw (d= 0.197 in) at 8 in. o/c; 76 fasteners in 2 rows.			
SW_S1B	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	10	36	SDWS log screw (d= 0.197 in) at 8 in. o/c; 76 fasteners in 2 rows.			
SW_E3A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	4	1430	3	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 16 in. o/c; 46 fasteners in 2 rows.			
SW_E3B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 12 in. o/c; 30 fasteners in 1 row.			
SW_E3C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	4	1430	6	(2)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 15 in. o/c; 32 fasteners in 2 rows.			
SW_E2A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	7	(3)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 11 in. o/c; 64 fasteners in 2 rows.			
SW_E2B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	1	(1)	Simpson HDU4-SDS2.5	-	-	16d (d= 0.288 in) nails at 14 in. o/c; 51 fasteners in 2 rows.			
SW_E2C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	-	-	SDWS log screw (d= 0.197 in) at 9 in. o/c; 54 fasteners in 2 rows.			
SW_E1A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	13	(4)	Simpson HD19	7	36	SDWS log screw (d= 0.197 in) at 7 in. o/c; 64 fasteners in 2 rows.			
SW_E1B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	11	36	16d (d= 0.288 in) nails at 32 in. o/c; 12 fasteners in 1 row.			
SW_E1C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	9	(3)	Simpson HD19	11	36	SDWS log screw (d= 0.197 in) at 10 in. o/c; 72 fasteners in 2 rows.			
SW_W3A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	4	1430	3	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 16 in. o/c; 46 fasteners in 2 rows.			
SW_W3B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 12 in. o/c; 30 fasteners in 1 row.			
SW_W3C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	4	1430	6	(2)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 15 in. o/c; 32 fasteners in 2 rows.			
SW_W2A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	7	(3)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 11 in. o/c; 64 fasteners in 2 rows.			
SW_W2B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	1	(1)	Simpson HDU4-SDS2.5	-	-	16d (d= 0.288 in) nails at 14 in. o/c; 51 fasteners in 2 rows.			
SW_W2C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	-	-	SDWS log screw (d= 0.197 in) at 9 in. o/c; 54 fasteners in 2 rows.			
SW_W1A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	13	(4)	Simpson HD19	9	30	SDWS log screw (d= 0.197 in) at 7 in. o/c; 64 fasteners in 2 rows.			
SW_W1B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	11	36	16d (d= 0.288 in) nails at 32 in. o/c; 12 fasteners in 1 row.			
SW_W1C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	9	(3)	Simpson HD19	11	36	SDWS log screw (d= 0.197 in) at 10 in. o/c; 72 fasteners in 2 rows.			
SW_EC3A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	0	-	-	-	-	16d (d= 0.288 in) nails at 18 in. o/c; 42 fasteners in 2 rows.			
SW_EC3B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 60 in. o/c; 7 fasteners in 1 row.			
SW_EC3C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	3	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 19 in. o/c; 40 fasteners in 2 rows.			
SW_EC2A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	2	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 21 in. o/c; 38 fasteners in 2 rows.			
SW_EC2B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 32 in. o/c; 12 fasteners in 1 row.			
SW_EC2C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	6	(2)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 12 in. o/c; 58 fasteners in 2 rows.			
SW_EC1A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	6	36	SDWS log screw (d= 0.197 in) at 9 in. o/c; 42 fasteners in 2 rows.			
SW_EC1B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	11	36	16d (d= 0.288 in) nails at 22 in. o/c; 17 fasteners in 1 row.			
SW_EC1C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	11	36	SDWS log screw (d= 0.197 in) at 9 in. o/c; 82 fasteners in 2 rows.			
SW_WC3A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	0	-	-	-	-	16d (d= 0.288 in) nails at 18 in. o/c; 42 fasteners in 2 rows.			
SW_WC3B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	0	560	-	-	-	-	-	16d (d= 0.288 in) nails at 60 in. o/c; 7 fasteners in 1 row.			
SW_WC3C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	6	950	3	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 19 in. o/c; 40 fasteners in 2 rows.			
SW_WC2A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	2	(1)	Simpson HDU4-SDS2.5	-	-	wood screws 20 (d= 0.32 in) at 21 in. o/c; 38 fasteners in 2 rows.			
SW_WC2B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	-	-	16d (d= 0.288 in) nails at 32 in. o/c; 12 fasteners in 1 row.			
SW_WC2C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	3	1860	6	(2)	Simpson HDU11-SDS2.5	-	-	SDWS log screw (d= 0.197 in) at 12 in. o/c; 58 fasteners in 2 rows.			
SW_WC1A	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	6	36	SDWS log screw (d= 0.197 in) at 9 in. o/c; 42 fasteners in 2 rows.			
SW_WC1B	Wood structural panels – sheathing	3/8	NO	1-3/8	8d	6	560	-	-	-	11	36	16d (d= 0.288 in) nails at 22 in. o/c; 17 fasteners in 1 row.			
SW_WC1C	Wood structural panels – sheathing	19/32	YES	1-1/2	10d	2	2435	11	(4)	Simpson HD19	11	36	SDWS log screw (d= 0.197 in) at 9 in. o/c; 82 fasteners in 2 rows.			

- WOOD FLOOR PLAN NOTES:**
- TYPICAL FLOOR CONSTRUCTION: 1" GYPSUM CONCRETE TOPPING (120 PCF MAXIMUM DENSITY) ON 3/4" TONGUE & GROOVE APA RATED WOOD FLOOR SHEATHING (PLYWOOD OR OSB). GLUE & SCREW FLOOR SHEATHING TO WOOD FLOOR STRUCTURE. SHEATHING TO BE ATTACHED TO FLOOR MEMBERS w/ SIMPSON STRONG-TIE STRONG-DRIVE WSNTL FASTENERS ON A 6"16" o/c PATTERN (EDGE/FIELD).
 - TYPICAL STAIR LANDING CONSTRUCTION: 3/4" TONGUE & GROOVE APA RATED WOOD FLOOR SHEATHING (PLYWOOD OR OSB). GLUE & SCREW FLOOR SHEATHING TO WOOD FLOOR STRUCTURE. SHEATHING TO BE ATTACHED TO FLOOR MEMBERS w/ SIMPSON STRONG-TIE STRONG-DRIVE WSNTL FASTENERS ON A 6"16" o/c PATTERN (EDGE/FIELD).
 - REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING AND CONFIGURATION.
 - "HPX" DENOTES A WOOD HEADER/POST CONSTRUCTION. REFER TO WOOD HEADER/POST SCHEDULE FOR HEADER & POST DESIGNATION.
 - "WPX" DENOTES A WOOD POST. REFER TO WOOD HEADER/POST SCHEDULE FOR WOOD POST DESIGNATION ONLY.
 - 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. IF WALL IS NOT SPECIFICALLY DESIGNATED AS A SHEAR WALL, ATTACH SHEATHING TO WALL STUDS w/ 10d COMMON NAILS ON 6"12" PATTERN (EDGES/FIELD). NAILS TO HAVE A MINIMUM PENETRATION INTO FRAMING MEMBER OF 1-1/2".
 - REFER TO TYPICAL WOOD WALL DETAILS FOR FRAMING AROUND AN OPENING THROUGH A WOOD STUD BEARING WALL.
 - REFER TO EXTERIOR MISCELLANEOUS VENEER LINTEL SCHEDULE FOR ALL OPENINGS IN EXTERIOR VENEER.
 - 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.
 - AT INTERIOR BEARING WALLS WHERE FLOOR TRUSSES BEAR ON WALL FROM EITHER SIDE, LAP TRUSSES AND BEAR EACH TRUSS FULL WIDTH OF WALL, TYPICAL.
 - 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.
 - AT EXTERIOR DECKS, PROVIDE COMPOSITE OR PRESSURE TREATED 5/4" WOOD DECKING.
 - 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.
 - 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.
 - "MW-XX" INDICATES MASONRY WALL REINFORCEMENT TYPE. REFER TO SCHEDULE FOR SIZE & SPACING.
 - GROUT MASONRY CORES SOLID AT ALL MECHANICAL ANCHOR LOCATIONS, TYPICAL.
 - "XXX-XXX" INDICATES THE TOP OF STEEL BEAM ELEVATION.



WOOD FRAMING	
LAMINATED STRAND LUMBER (LSL)	
E = 1.55 x 10 ⁶ psi	
F _u = 2360 psi	
F _v = 410 psi	
F _u = 875 psi (perpendicular to grain)	
LAMINATED VENEER LUMBER (LVL)	
E = 2.0 x 10 ⁶ psi	
F _u = 2900 psi	
F _v = 285 psi	
F _u = 750 psi (perpendicular to grain)	
DIMENSIONAL LUMBER	
WALL STUDS: Hem-Fir Stud or better	
WALL PLATES: Hem-Fir No 1 or better	
POSTS/COLUMNS: SPRUCE-PINE-FIR No. 2 or better	
FLOOR SHEATHING	
WOOD STRUCTURAL PANEL	
F _s = 444 lb-in/ft of width	
F _s = 215 lb/ft of width	

WOOD FRAMING HEADER/POST SCHEDULE						
MARK	MATERIAL	WIDTH	DEPTH	BEARING	REMARKS	
		(in)	(in)			
Headers						
H3.1, H3.2, H3.3	LVL	1.75	14	P3.1 to P3.6	Third floor enclosed balconies. South facade.	
H3.4 to H3.9	LVL	3.50	7.25	2x6 stud	Bearing stud width will match wall studs width. Joists attached with heavy concealed joist ties	
H3.10	LVL	3.50	14	P3.7/CMU wall	Notched in CMU wall	
H2.1 to H2.6	LVL	3.50	7.25	2x6 stud	Bearing stud width will match wall studs width. Joists attached with heavy concealed joist ties	
H2.7	LVL	3.50	14	P2.1/CMU wall	Notched in CMU wall	
H2.8 to H2.10	LVL	3.50	18	Adjacent trusses		
H1.1	ASTM A992 steel	(2) C15x50	15	P1.4, P1.5		
H1.2 to H1.6	LVL	3.5000	7.25	2x6 stud	Bearing stud width will match wall studs width. Joists attached with heavy concealed joist ties	
H1.7	ASTM A992 steel	(2) C15x50	15	P1.1, P1.2, P1.3		
H1.8	ASTM A992 steel	W14x30	14	P1.3, CMU wall		
H1.9	LVL	5.25	18	H17, bearing wall		
Facade headers (span < 3.5 feet)	LSL	3.50	7.25	"1 Jack stud(s) and 2 King studs on each side of the opening."	Applicable on any floor	
First floor facade headers (3.5 < span < 7 feet)	LSL	3.50	14	"2 Jack stud(s) and 4 King studs on each side of the opening."		
Second floor facade headers (3.5 < span < 7 feet)	LSL	3.50	11.875	"2 Jack stud(s) and 4 King studs on each side of the opening."		
Third floor facade headers (3.5 < span < 7 feet)	LSL	1.75	11.875	"2 Jack stud(s) and 2 King studs on each side of the opening."		
First floor facade headers (3.5 < span < 10 feet)	LSL	5.25	16	"2 Jack stud(s) and 6 King studs on each side of the opening."		
Second floor facade headers (3.5 < span < 10 feet)	LSL	3.50	18	"2 Jack stud(s) and 6 King studs on each side of the opening."		
Third floor facade headers (3.5 < span < 10 feet)	LSL	1.75	18	"2 Jack stud(s) and 3 King studs on each side of the opening."		
Door headers (span < 4.0 feet)	LSL	5.25	14	"1 Jack stud(s) and 3 King studs on each side of the opening."	Applicable on any floor	
Cantilevers						
C2,C5	LVL	2x5.25	14	SW_S1A and SW_S1B shear walls		
C1, C3, C4, C6	LVL	5.25	14	facade bearing walls		
C7, C8	LVL	5.25	14	facade bearing walls		
C9	LVL	5.25	18	SW_N2D shear wall	At shear wall bottom	
C10	LVL	3.50	18	CMU wall	Bolted to masonry	
C11	LVL	5.25	14	SW_N1A shear wall		
Posts						
P3.1 to p3.6	saw lumber	6	6		Third floor enclosed balconies. South facade.	
P3.7	saw lumber	4	6			
P2.1	saw lumber	4	6			
P1.1, P1.2, P1.3	A500 Rect. HSS Grade B	HSS8x8x3/16				
P1.4	A500 Rect. HSS Grade B	HSS8x8x3/16				
P1.5	A500 Rect. HSS Grade B	HSS8x8x3/16				