

Date	Description
07.08.2019	Footing/Foundation Permit
08.21.2019	Permit

**DESIGN DATA**

APPLICABLE CODES/STANDARDS:  
....INTERNATIONAL BUILDING CODE - 2018  
....ASCE 7-16 MIN DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE/SEI

STRUCTURAL DESIGN STANDARDS (DESIGN SHALL CONFORM TO THE CURRENT EDITION UNDER THE APPLICABLE CODE):  
....ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY  
....ACI 530/531 BLDG CODE REQUIREMENTS AND SPECS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES)  
....ANSI/AISC 360-16 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS  
....AWS D1.1/D1.1M STRUCTURAL WELDING CODE-STEEL

DEFLECTION LIMITS			
MEMBERS	LIVE	SNOW or WIND	DEAD + LIVE or SNOW
ROOF MEMBERS			
SUPPORTING GYPSUM BOARD CEILINGS	L/360	L/360	L/240
SUPPORTING FLEXIBLE CEILINGS	L/360	L/360	L/240
NOT SUPPORTING CEILING	L/240	L/240	L/180
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L/600	L/600	L/600
FLOOR MEMBERS			
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L/600	L/600	L/600
SUPPORTING GYPSUM BOARD CEILINGS	L/540	N/A	L/360
SUPPORTING FLEXIBLE MATERIALS	L/540	N/A	L/260
WOOD TRUSSES	L/480	L/360	L/240
LINTEL/HEADER/BEAM MEMBERS			
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L/600	L/600	L/600
SUPPORTING FLEXIBLE MATERIALS (EIFS, SIDING, ETC.)	L/360	L/360	L/240
EXTERIOR WALLS			
WITH RIGID FINISHES (BRICK, MASONRY, ETC.)	N/A	L/600	N/A
WITH FLEXIBLE FINISHES (EIFS, SIDING, ETC.)	N/A	L/360	N/A

**BUILDING DESIGN LOADS/CRITERIA**

DESIGN LIVE LOADS:

....FLOOR FRAMING (RETAIL, OFFICE, RESTAURANT, RECREATIONAL)	100 psf
....FLOOR FRAMING (RESIDENTIAL AREAS)	40 psf
....STAIRWAYS, EXITS	100 psf
....BALCONIES	75 psf
....PRIVATE GARAGES (PASSENGER VEHICLES ONLY)	40 psf
....INTERIOR PARTITION WALLS (UNIFORMLY DISTRIBUTED WEIGHT)	15 psf
....CORRIDORS FIRST FLOOR	100 psf
....CORRIDORS 2nd & 3rd FLOORS	40 psf
....CORNICES	60 psf

SNOW LOADS & DESIGN DATA:

....DESIGN SNOW LOAD	42 psf (BALANCED SNOW LOAD)
....FLAT ROOF SNOW LOAD (P) = (0.7Ce'Cl'sPg)	42 psf
....SNOW EXPOSURE FACTOR (Ce)	1.0
....SNOW LOAD IMPORTANCE FACTOR (Is)	1.0
....ROOF THERMAL FACTOR (Cl)	1.0
....GROUND SNOW (Pg)	60 psf
....SLOPED ROOF FACTOR (Cs)	1.0

WIND DESIGN DATA:

....WIND IMPORTANCE FACTOR (Iw)	1.0
....RISK CATEGORY II	
....BASIC WIND SPEED (5-SECOND GUST, ULTIMATE)	115 MPH
....BASIC WIND SPEED (5-SECOND GUST, NOMINAL)	90 MPH
....MEAN ROOF HEIGHT	33 FT
....WIND EXPOSURE CATEGORY	B
....WIND EXPOSURE CLASSIFICATION	ENCLOSED
....VELOCITY EXPOSURE COEFFICIENT Kz	0.720
....TOPOGRAPHIC FACTOR (Kt)	1.0
....DESIGN PROCEDURE	METHOD 1 (SIMPLIFIED PROCEDURE)

NET PRESSURE COEFFICIENTS $C_{net}$		
AREA	$C_{net}$ INTERNAL PRESSURE	$C_{net}$ INTERNAL PRESSURE
WINDWARD WALL	0.43	0.73
LEEWARD WALL	-0.51	-0.21
SIDEWALL	-0.66	-0.35
PARAPET WINDWARD WALL	1.28	
PARAPET LEEWARD WALL	-0.85	
FLAT ROOF	-1.09	-0.79

DESIGN WIND PRESSURES $P_{net}$		
AREA	$P_{net}$ INTERNAL PRESSURE	$P_{net}$ INTERNAL PRESSURE
WINDWARD WALL	10.5 psf	17.8 psf
LEEWARD WALL	-12.4 psf	-5.1 psf
SIDEWALL	-16.1 psf	-8.5 psf
PARAPET WINDWARD WALL	31.2 psf	
PARAPET LEEWARD WALL	-20.7 psf	
FLAT ROOF	-26.6 psf	-19.3 psf

EARTHQUAKE DESIGN DATA:

....OCCUPANCY CATEGORY	II
....SEISMIC IMPORTANCE FACTOR (Ie)	1
....MAPPED SPECTRAL ACCELERATIONS AT SHORT PERIODS (Ss)	0.045 g
....MAPPED SPECTRAL ACCELERATIONS AT (1) SECOND PERIODS (S1)	0.038 g
....SITE CLASSIFICATION	B
....SOIL COEFFICIENT (Fs)	1.0
....SITE COEFFICIENT (Fv)	1.0
....DESIGN SPECTRAL RESPONSE COEFFICIENT AT SHORT PERIODS (Sds)	0.030 g
....DESIGN SPECTRAL RESPONSE COEFFICIENT AT (1) SECOND PERIODS (Sd1)	0.025 g
....SEISMIC DESIGN CATEGORY	A
....BASIC SEISMIC-FORCE-RESISTING SYSTEM	LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS EQUIVALENT LATERAL FORCE ANALYSIS
....ANALYSIS PROCEDURE FOR SEISMIC DESIGN	

SOIL DESIGN VALUES:	
....SOIL UNIT WEIGHT	
....LATERAL EARTH PRESSURE	125 PCF (ASSUMED)
....AT-REST (BASEMENT WALLS)	62.5 PSF/FT OF DEPTH (ASSUMED)
....PASSIVE	340 PSF (ASSUMED)
....COEFFICIENT OF SLIDING FRICTION	0.30 (ASSUMED)
....SUBGRADE MODULUS	260 PCI (ASSUMED)
....ALLOWABLE SOIL BEARING PRESSURE	3000 PSF

REFER TO SOILS REPORT NO. 17002 DATED 2/10/2017 PREPARED BY ITCO ALLIED ENGINEERING CO. FOR DESCRIPTION OF SOIL CONDITIONS, GEOTECHNICAL RECOMMENDATIONS, AND DESIGN VALUES

**FOUNDATION AND EARTHWORK**

1. ALL EXTERIOR FOOTINGS MUST BEAR BELOW LOCAL FROST LINE RELATIVE TO ADJACENT FINISH EXTERIOR GRADE.
2. DO NOT PLACE ANY FOOTINGS ON FROZEN SUBGRADE.
3. BACK FILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF FOUNDATION WALLS.
4. DO NOT PLACE BACK FILL AGAINST BASEMENT WALLS UNTIL THE TOP AND BOTTOM OF THE WALL ARE ADEQUATELY BRACED BY THE SLAB ON GRADE AND THE FLOOR FRAMING AT THE TOP OF THE WALL.
5. REMOVE ANY EXISTING CONCRETE 2'-0" BELOW NEW CONCRETE FOOTINGS AND SLABS ON GRADE, UNLESS NOTED OTHERWISE.
6. SHORING/OR UNDERPINNING SHALL BE DESIGNED TO LIMIT HORIZONTAL AND VERTICAL MOVEMENT OF EXISTING CONSTRUCTION TO 1/4" MAXIMUM IN ANY DIRECTION.
7. CENTER PIER AND COLUMN FOOTINGS ON COLUMN CENTERLINES AND WALL FOOTINGS ON WALL CENTERLINES UNLESS SPECIFICALLY NOTED OTHERWISE.
8. ALL BACK FILL WITHIN 3'-0" OF RETAINING WALLS AND BASEMENT WALLS SHALL BE FREE DRAINING GRANULAR MATERIAL APPROVED BY A SOILS ENGINEER AND COMPAKED TO 90% STANDARD PROCTOR.
9. TOP OF FOOTING ELEVATIONS SHOWN ON THESE CONSTRUCTION DOCUMENTS REPRESENT MINIMUM FOOTING DEPTHS FOR FROST PROTECTION AND BEST JUDGMENT OF A SUITABLE BEARING STRATUM. ACTUAL GRADE CONDITIONS AND SUITABLE BEARING STRATUM MUST BE VERIFIED BY THE CONTRACTOR AND A SOILS ENGINEER AT THE TIME OF EXCAVATION.
10. FOOTING EXCAVATIONS MUST EXTEND TO COMPETENT BEARING MATERIAL. CONTRACTOR SHALL HIRE A SOILS ENGINEER TO FIELD VERIFY NET ALLOWABLE SOIL BEARING CAPACITY STATED ON THESE CONSTRUCTION DOCUMENTS AND IN GEOTECHNICAL REPORT FOR THIS PROJECT. THE SUITABLE BEARING STRATUM MAY NOT EXIST AT FOOTING ELEVATION STATED ON CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL BE EXTENDED AN ADDITIONAL FOOT OF BEARING STRATUM IF REQUIRED. PLACE GRANULAR MATERIAL ON TOP OF FOOTINGS OR EXTEND FOOTINGS DOWN TO SUITABLE BEARING STRATUM. ENGINEERED FILL BELOW SLABS ON GRADE AND FOOTINGS SHALL BE FREE DRAINING GRANULAR MATERIAL COMPAKED TO 95% MODIFIED PROCTOR AND PLACED PER THE SOIL ENGINEERS RECOMMENDATIONS. ALL FIELD CONDITIONS THAT WILL AFFECT DESIGN AS PRESENTED MUST BE COORDINATED WITH STRUCTURAL ENGINEER.

11. REFER TO DESIGN DATA FOR DESCRIPTION OF SOIL CONDITIONS, GEOTECHNICAL RECOMMENDATIONS, AND DESIGN VALUES.

**CONTINUITY:**

ALL REINFORCING SHALL BE CONTINUOUS UNLESS NOTED OTHERWISE. CONTINUITY AT CORNERS AND INTERSECTIONS SHALL BE ACHIEVED USING CORNER BARS AND CONTACT LAP SPLICES. SEE TYPICAL DETAIL. CONTINUITY AT OTHER LOCATIONS MAY BE ACHIEVED USING CONTACT LAP SPLICES SHOWN ON APPROVED SHOP DRAWINGS. LOCATION OF LAP SPLICES SHALL BE SHOWN ON THE SHOP DRAWINGS. UNLESS NOTED OTHERWISE, THE FOLLOWING LAP SPLICES SHALL BE USED: (ALL LAP SPLICES ARE CLASS B SPlices)





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



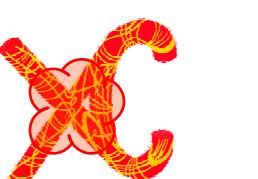
Architect: OpeningDesign  
316 W Washington Ave | Suite 675  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6457



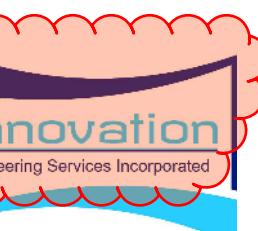
General Contractor: ROYAL CONSTRUCTION  
3453 Greenway Street | Eau Claire, WI 54701  
jim@royalbuilt.com | 715-225-6377



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



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



Structural Engineer of Record: Innovation  
Engineering Services, Inc.  
4727 Dale-Curtin Dr. McFarland, WI 53558  
khsley@innovation-built.com



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

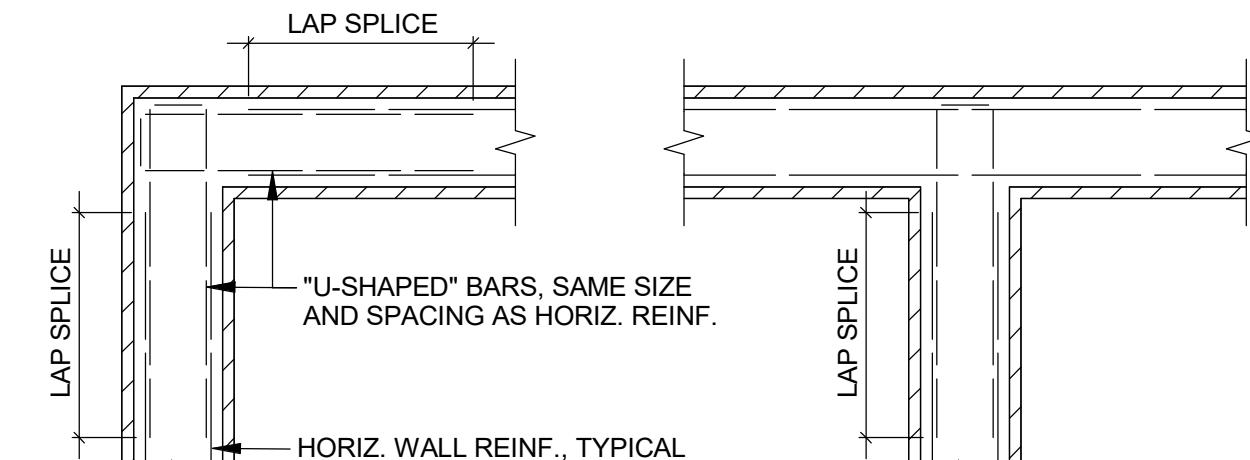
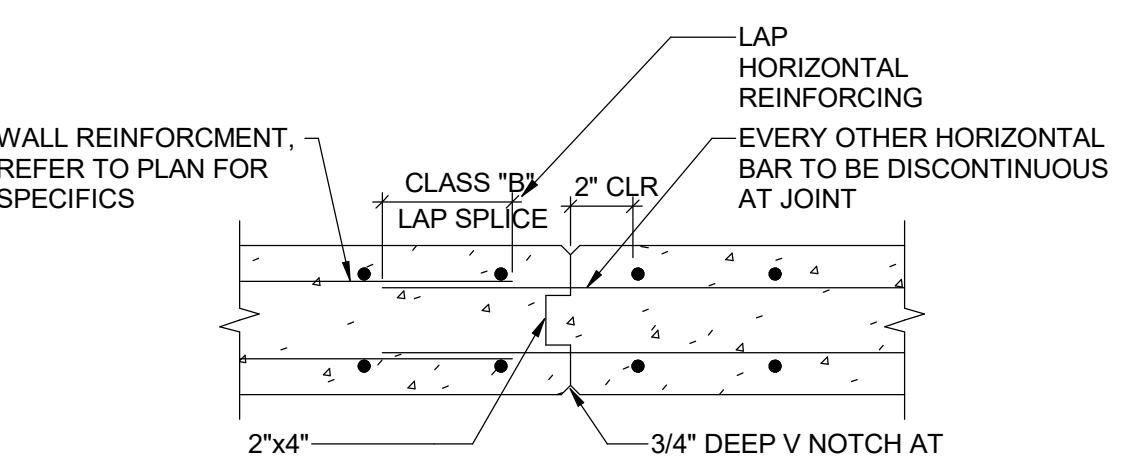
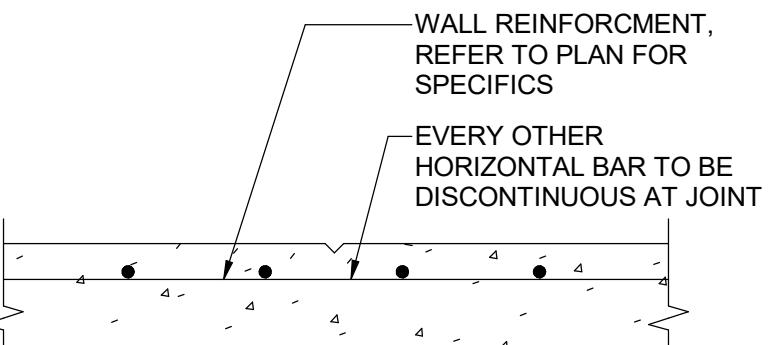
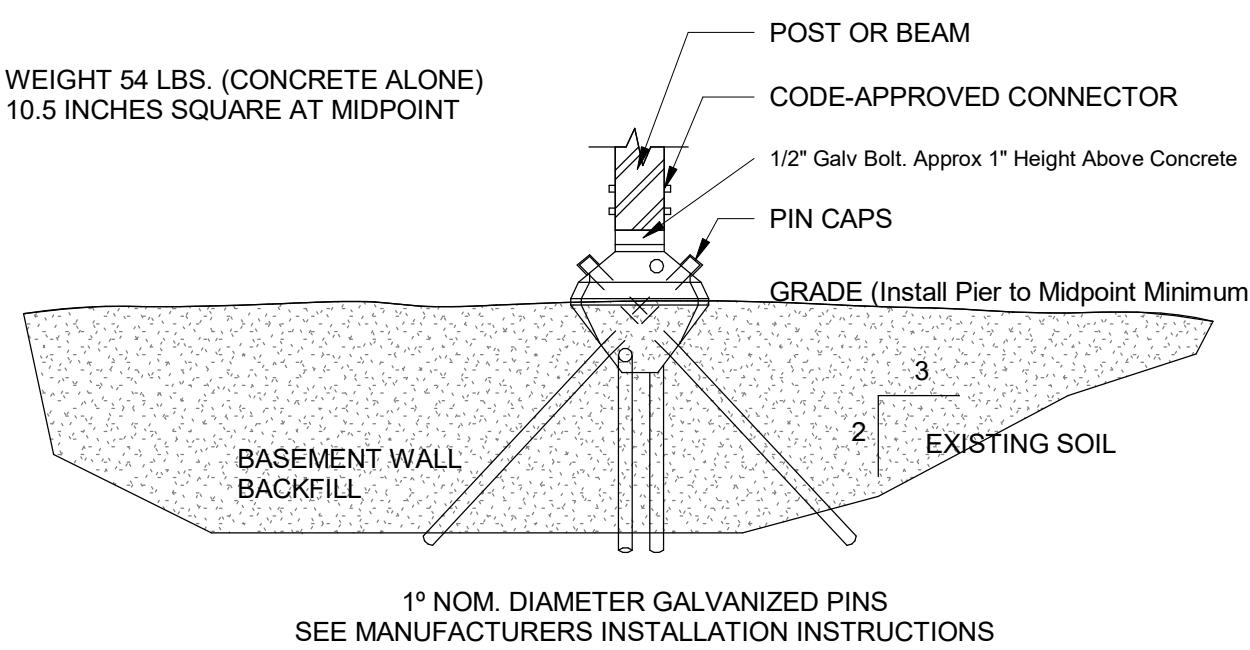
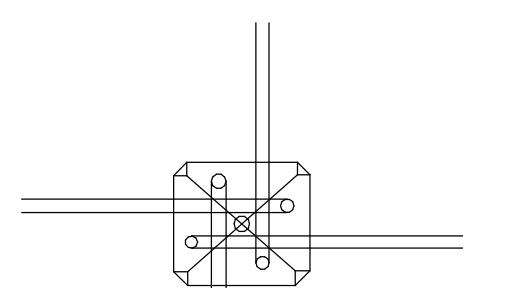
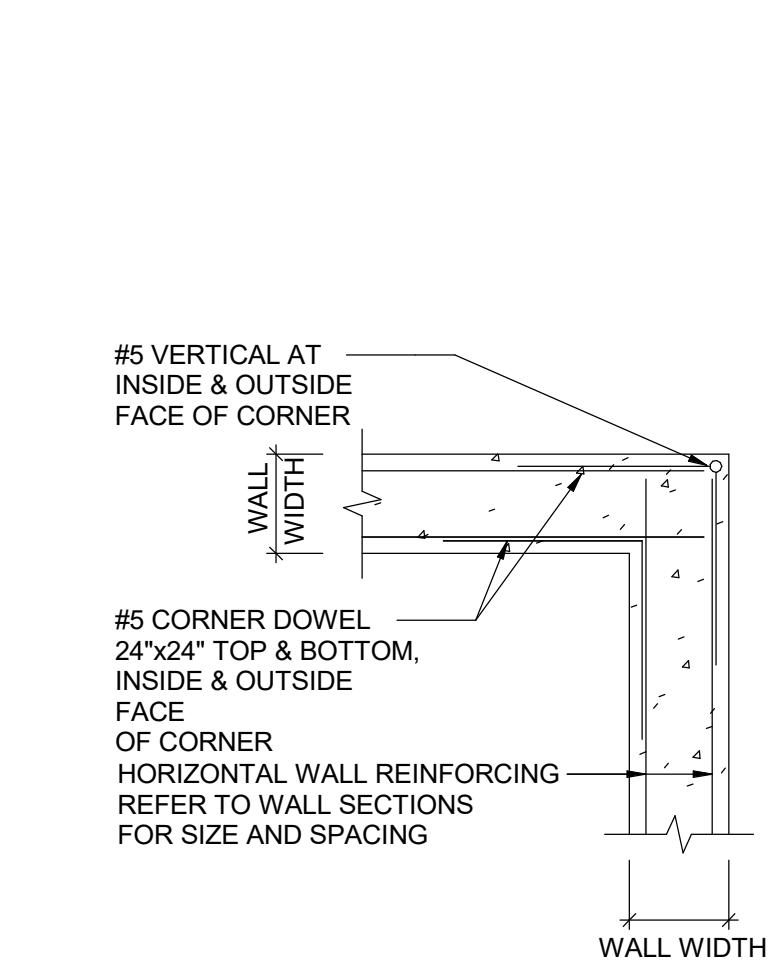


Electrical Engineer: PRISM DESIGN ELECTRICAL CONSULTANTS INC  
88403 State Rd 85 | Mondovi, WI 54755  
bhalgren@prismdesign-electrical.com | 715.797.0602

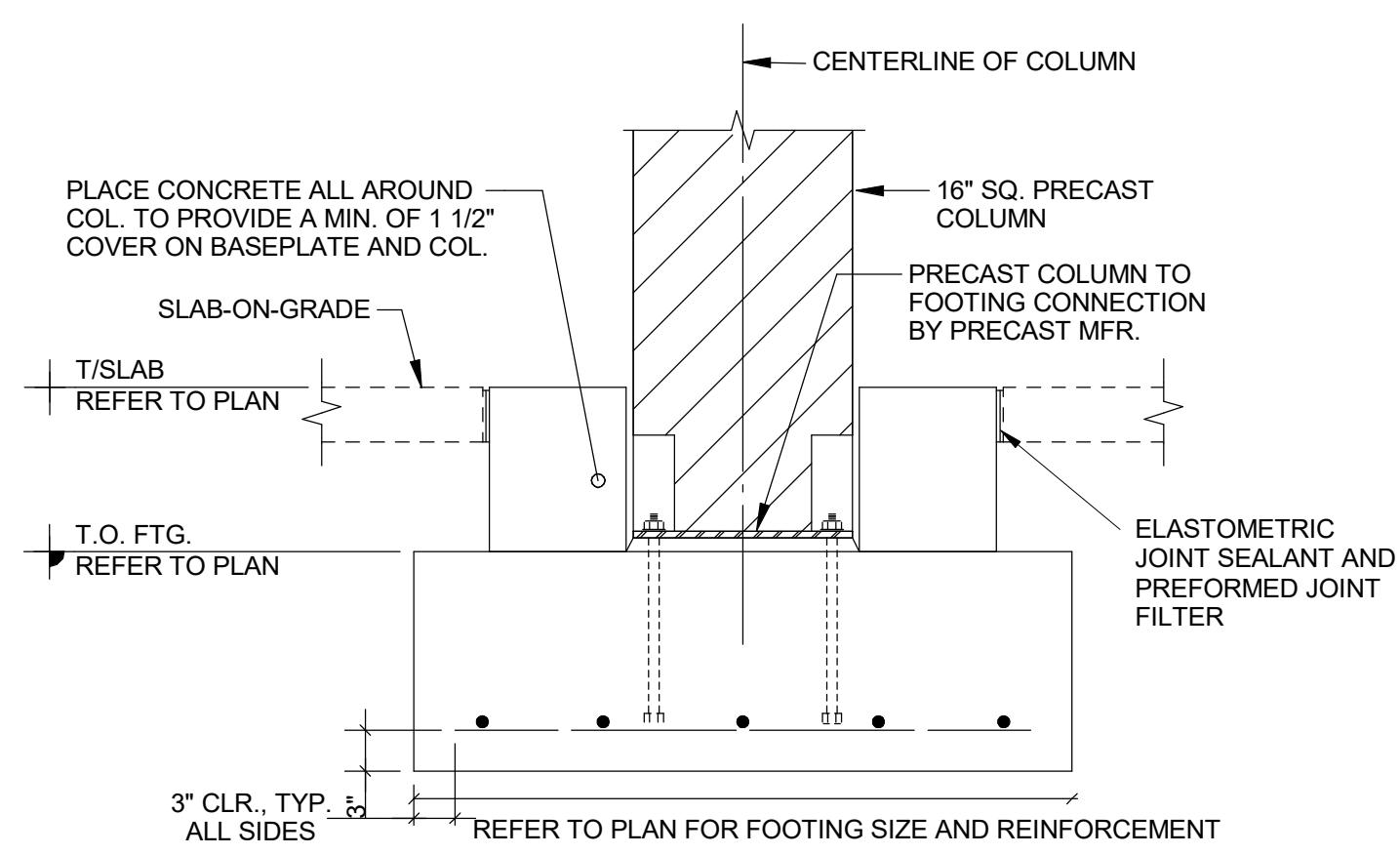


Plumbing Engineer: TAILORED ENGINEERING  
1600 Aspen Commons | Ste 210 | Middleton, WI 53562  
bnovak@tailoredeng.com | 608.209.7500

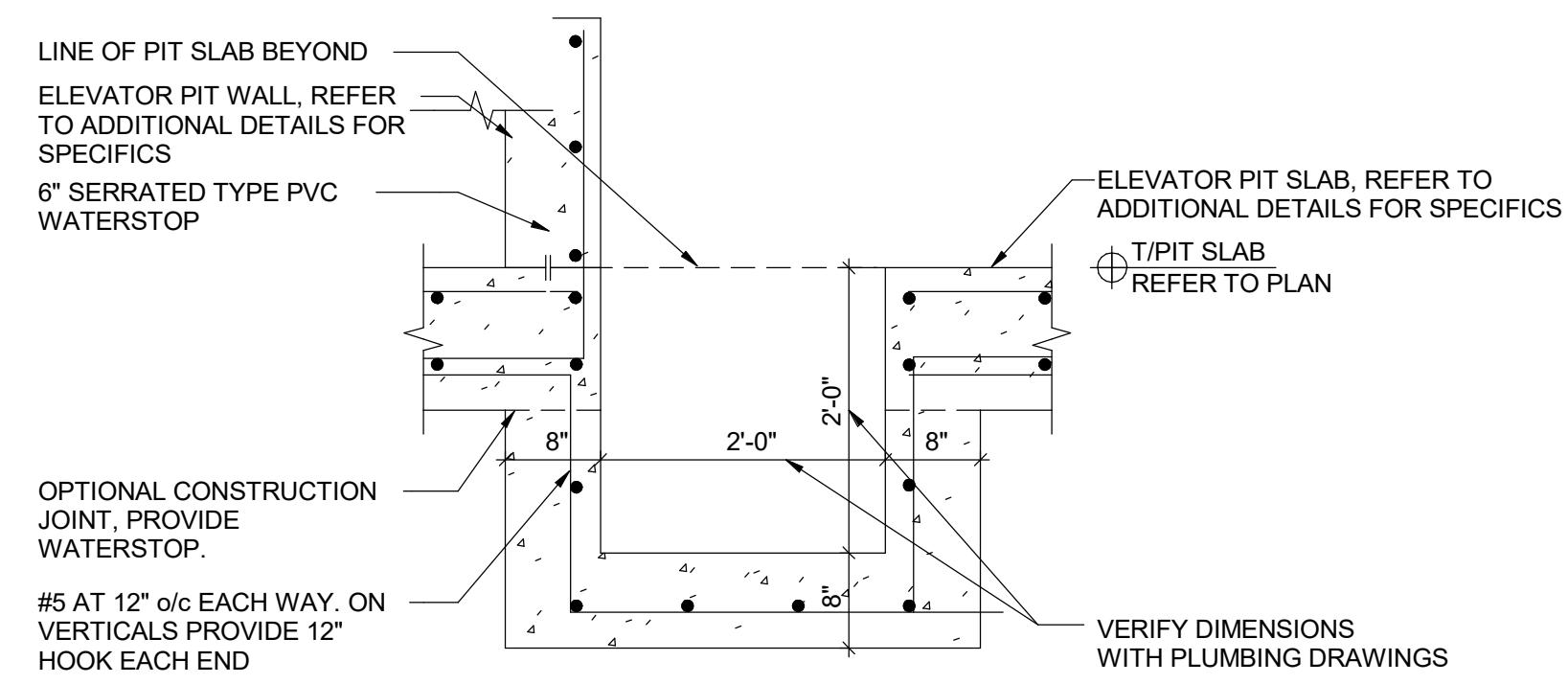
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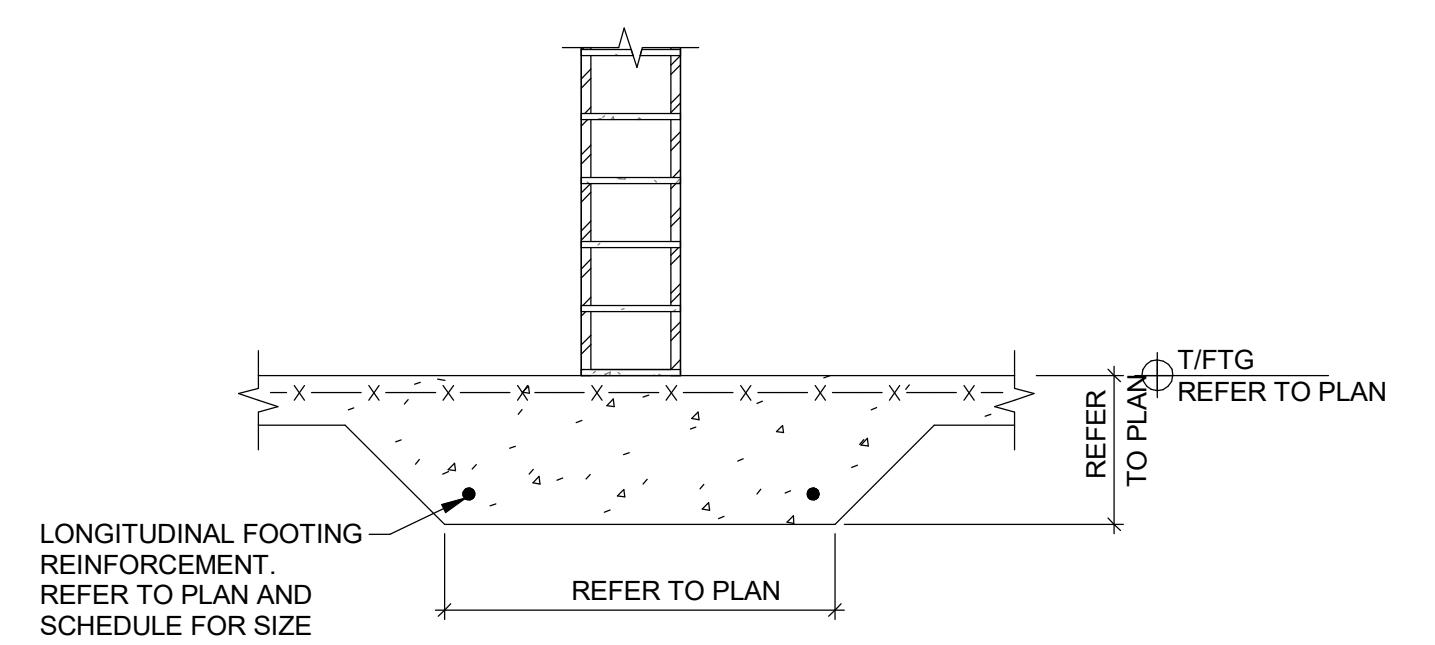
1 CORNER REINF.  
S200



6 PRECAST COLUMN ON CONCRETE FOOTING  
S200



8 ELEVATOR PIT SUMP CROCK  
S200



10 INTERIOR STUD WALL ON THICKENED SLAB  
S200

11 PIPE PENETRATION AT FOUNDATION WALL  
S200



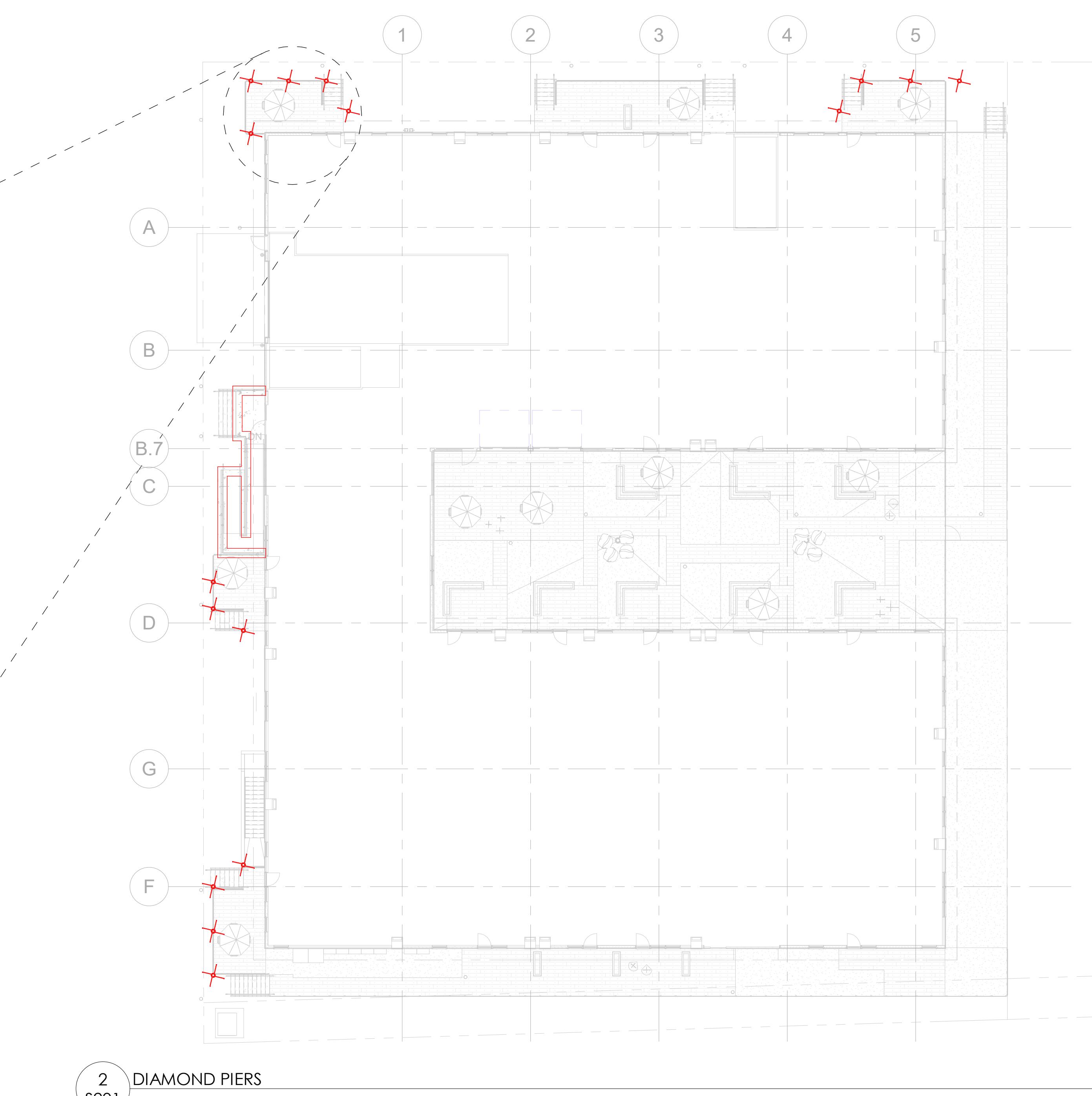
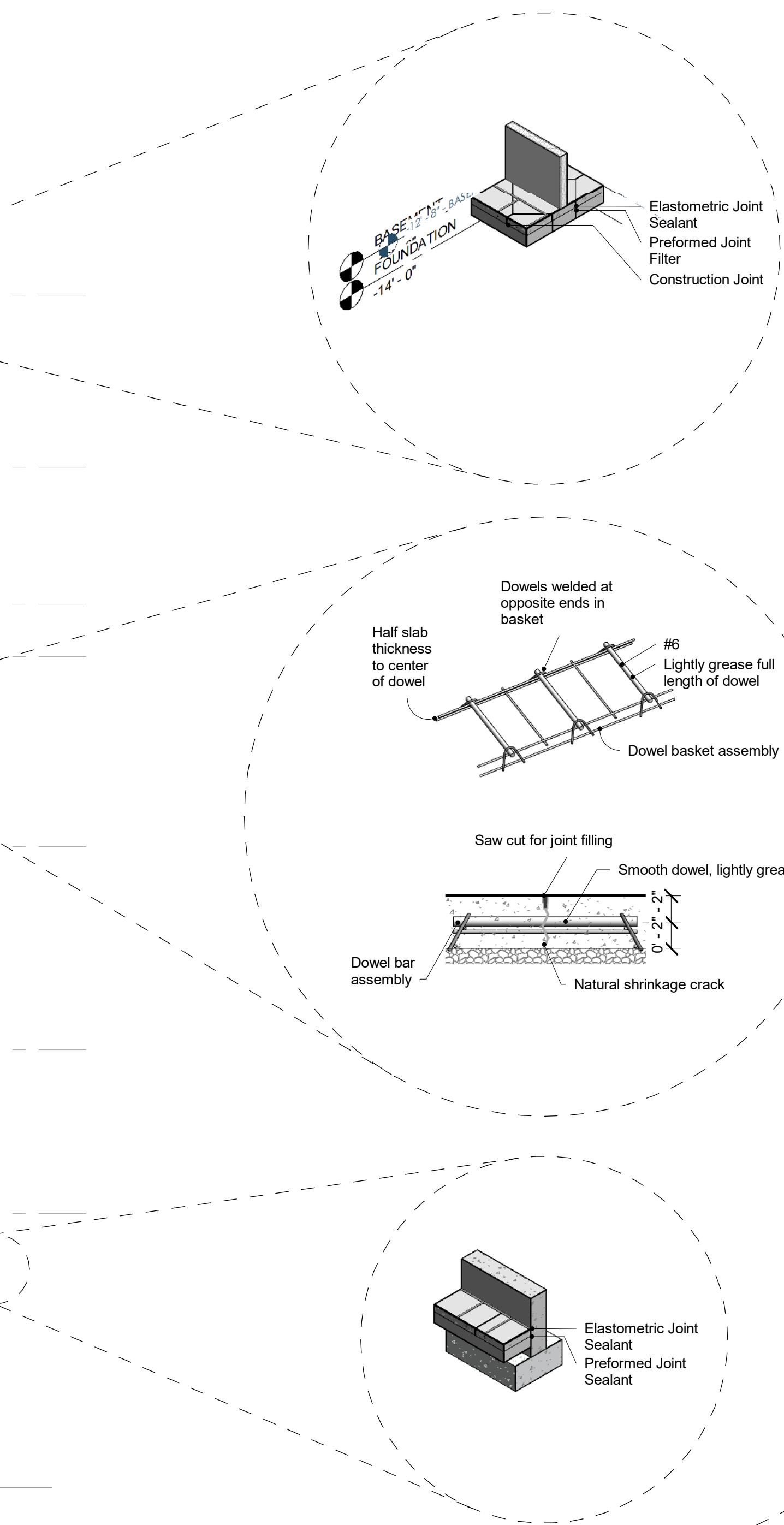
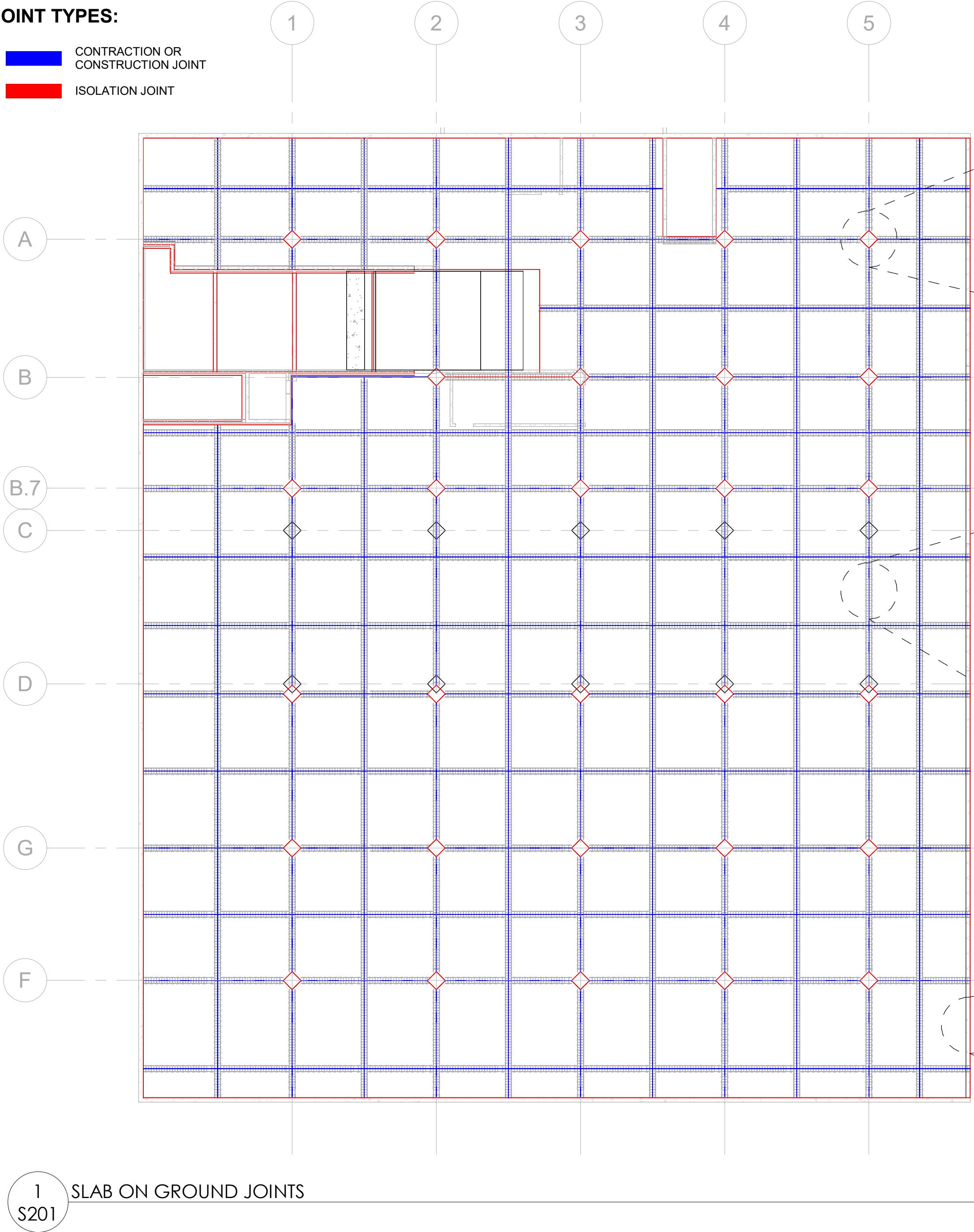
## STRUCTURAL DETAILS


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


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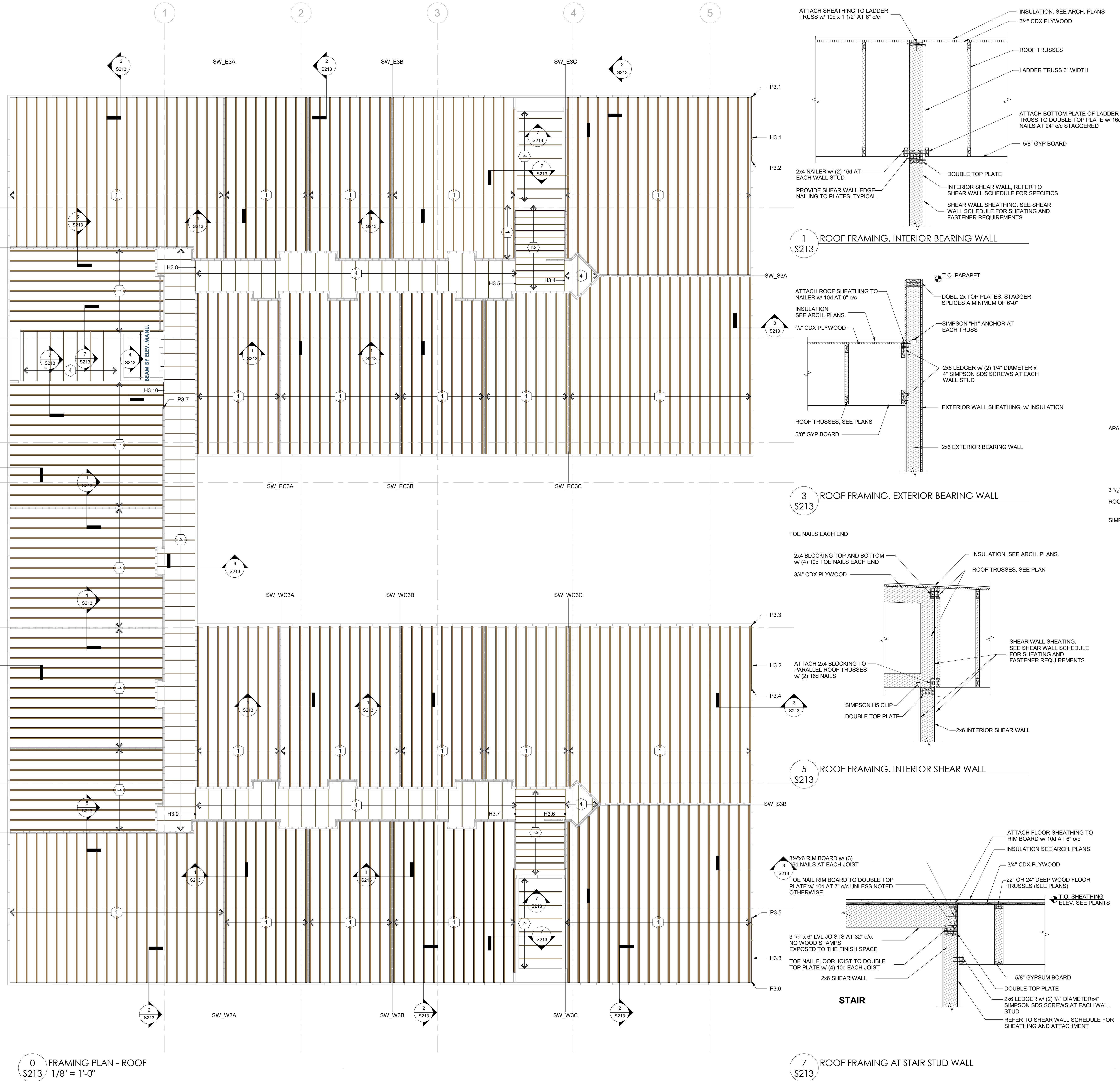
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**WOOD FLOOR PLAN KEYED NOTES:**

- ① VARIABLE DEPTH PARALLEL CHORD ROOF TRUSSES AT 24" o/c.
- ② 3 1 / 2 "x6" JOISTS AT 16" o/c
- ③ PREFABRICATED SIDE HUNG METAL BALCONY, BY OTHERS
- ④ 3 $\frac{1}{2}$ "x6" JOISTS AT 32" o/c.

"SEE HEADER/POST SCHEDULE IN S216 SHEET"

"SEE SHEAR WALL SCHEDULE IN S216 SHEET"

**Developer:** W Capital Group  
tyler@wcapitalgroupre.com | 608.345.9848

**Architect:** OpeningDesign  
316 W Washington Ave | Suite 675  
Madison, WI 53703  
[ryan@openingdesign.com](mailto:ryan@openingdesign.com) | 773.425.6456

The logo for Cedar Corporation features the word "Cedar" in a large, bold, white serif font. The letter "C" is stylized with a thick, dark green outline and a white fill. Below "Cedar", the word "corporation" is written in a smaller, white, sans-serif font.

**Civil Engineer:** CEDAR CORPORATION

604 Wilson Avenue | Menomonie, WI 54751

[kevin.ouim@cedarcorp.com](mailto:kevin.ouim@cedarcorp.com) | 715-235-9081

The logo for Ennovation Engineering Services Incorporated features the company name in a stylized blue font with a white outline, set against a background of three curved bars in dark blue, light blue, and white.

The logo for PRISM DESIGN ELECTRICAL CONSULTANTS INC. It features the word "PRISM" in a large, bold, serif font above the word "DESIGN" in a slightly smaller, bold, serif font. To the right of the text is a graphic of a triangular prism with light rays emanating from its base. Below the main title, the words "ELECTRICAL" and "CONSULTANTS INC." are stacked in a smaller, bold, serif font.

The logo for Tailored Engineering features a blue circular emblem on the left containing a stylized 'T' and 'E'. To the right of the emblem, the word 'TAILORED' is written in a large, bold, blue sans-serif font, and 'ENGINEERING' is written below it in a slightly smaller, bold, blue sans-serif font.

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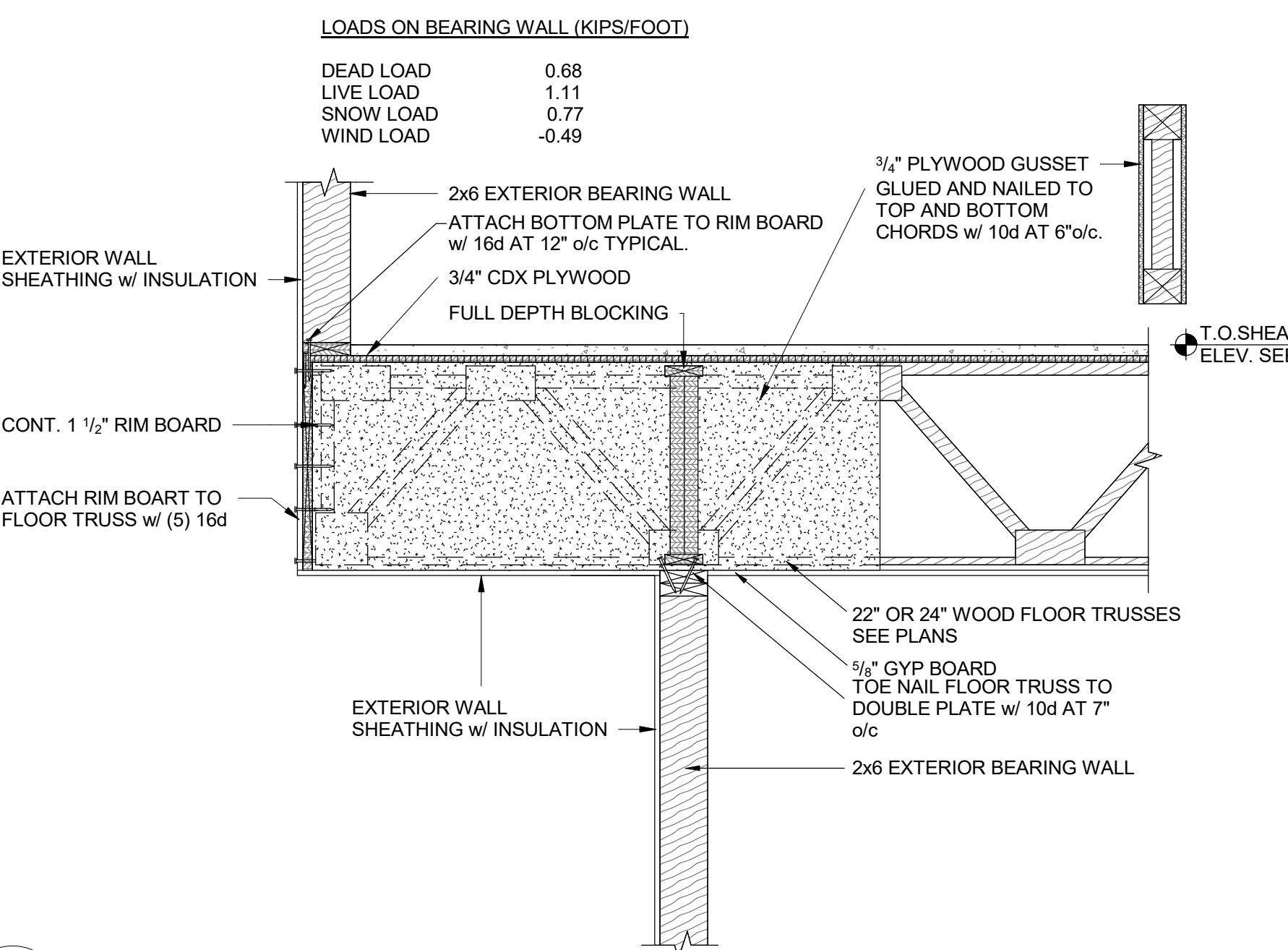
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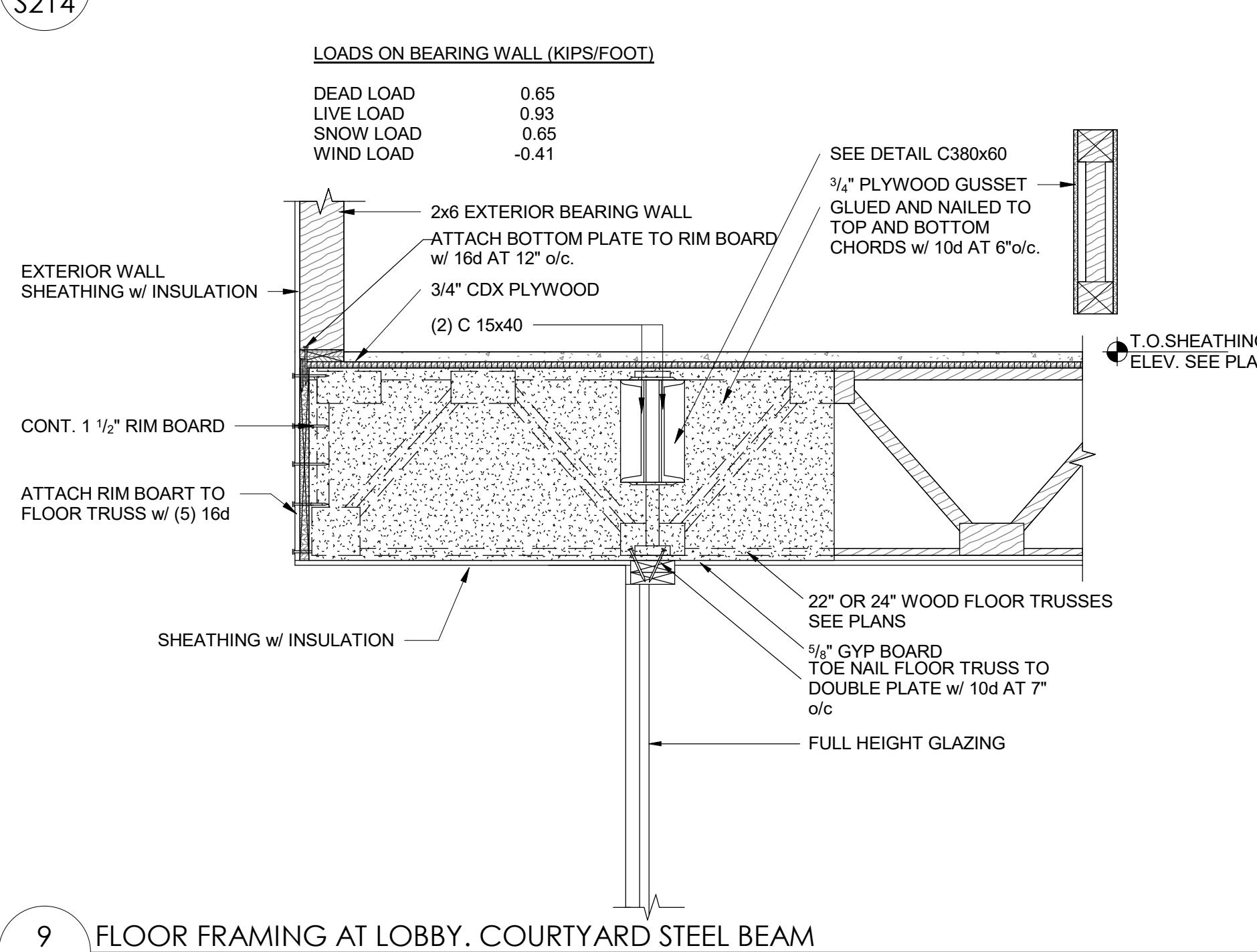
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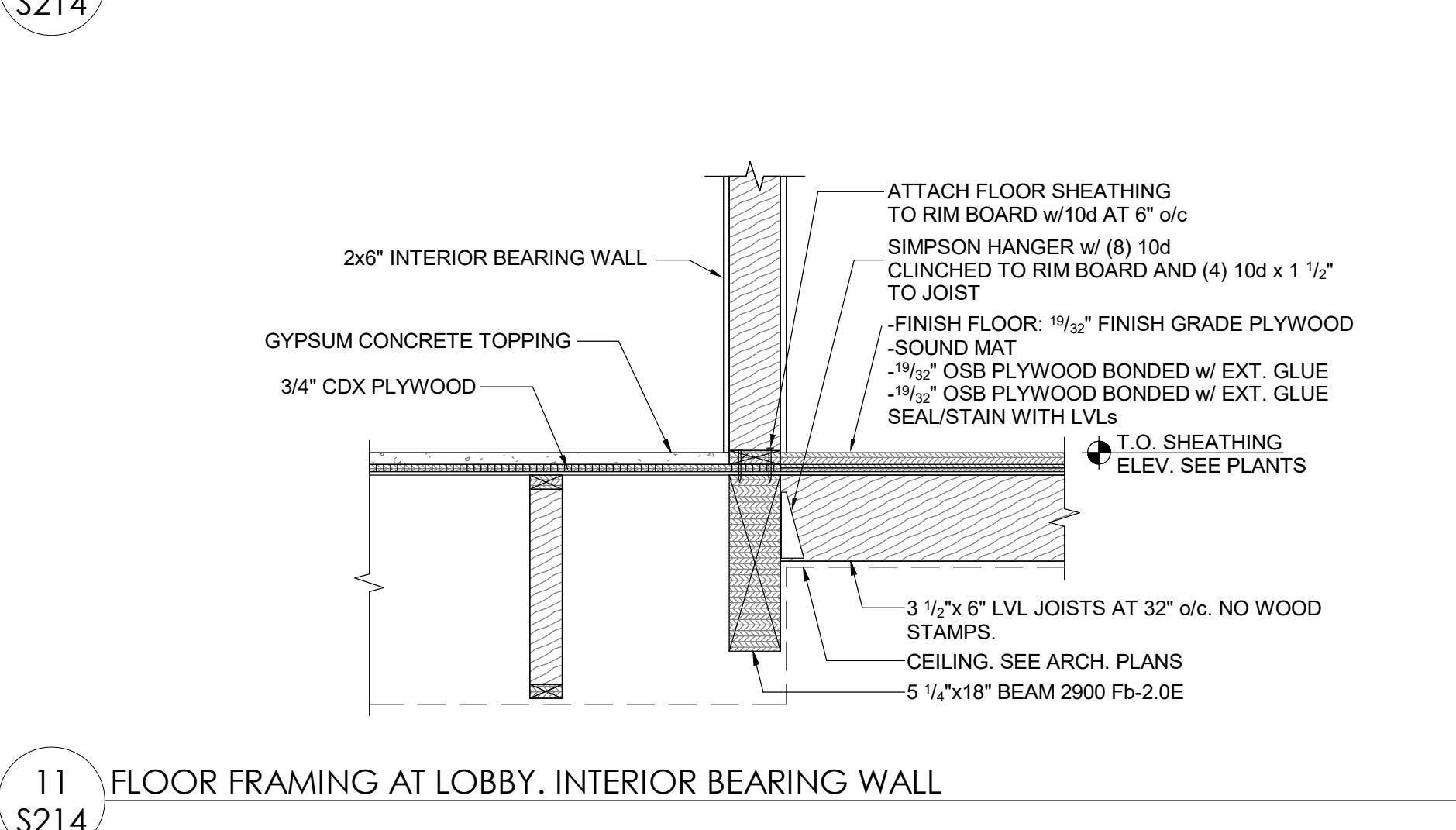
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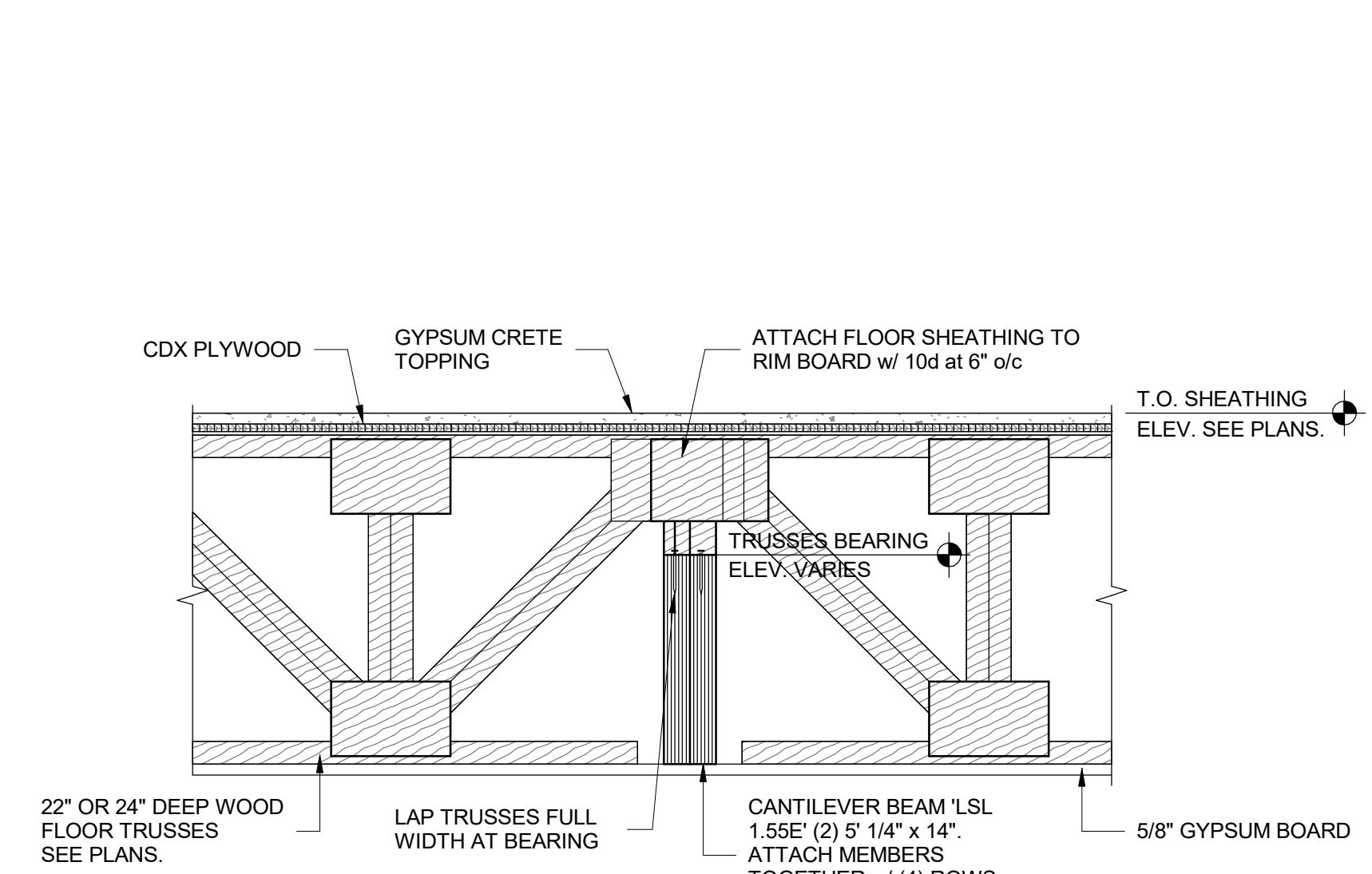
6 FLOOR FRAMING AT SECOND FLOOR, EXTERIOR BEARING WALL



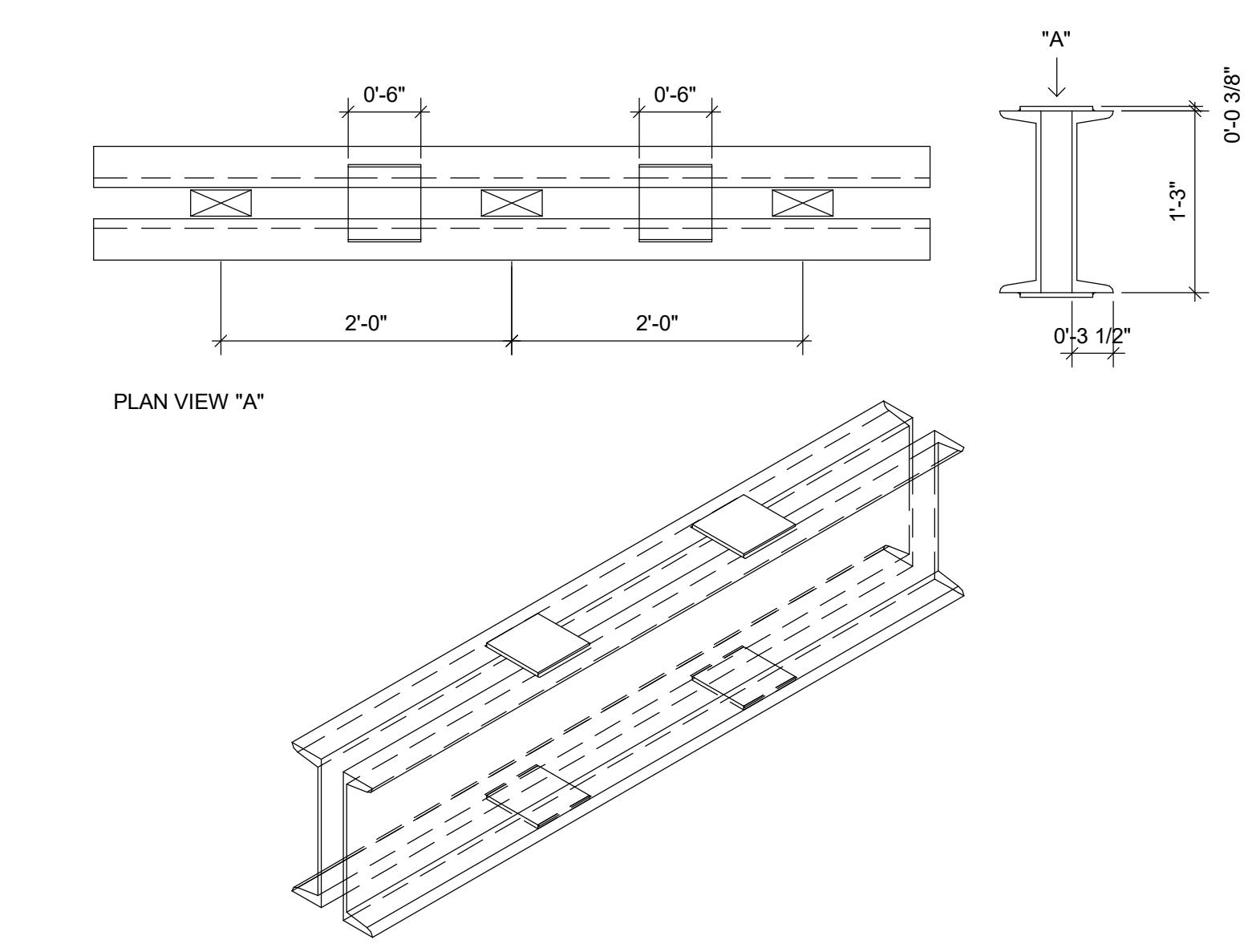
9 FLOOR FRAMING AT LOBBY, COURTYARD STEEL BEAM



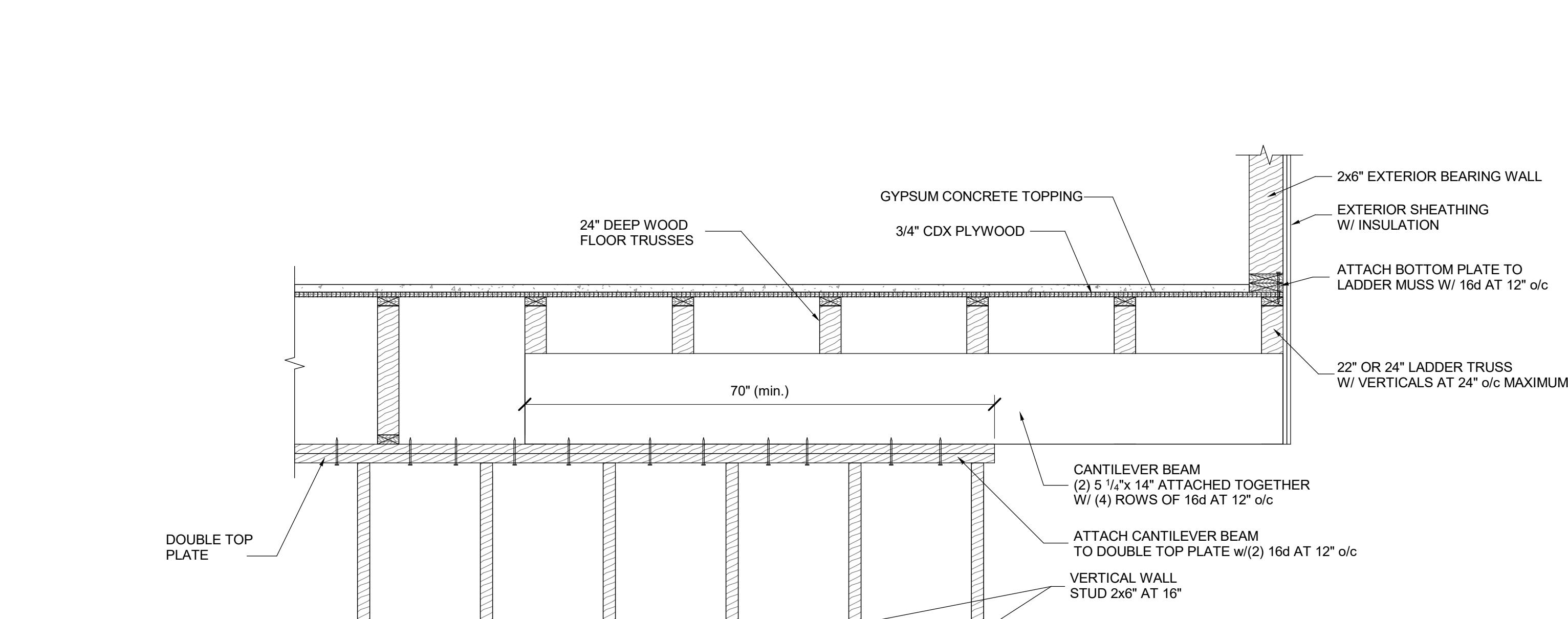
11 FLOOR FRAMING AT LOBBY, INTERIOR BEARING WALL



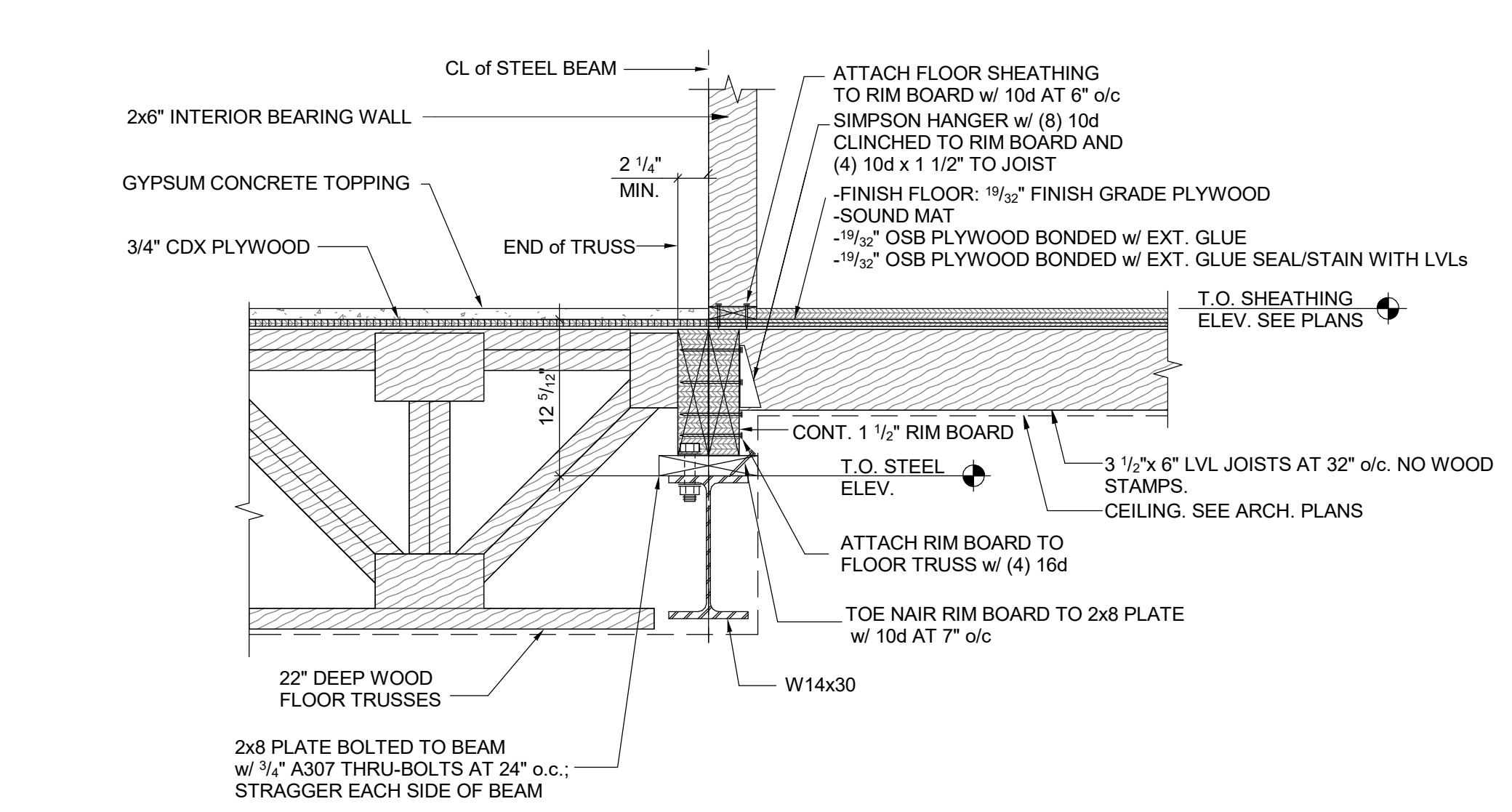
7 CANTILEVER SECTION



C15x40 DETAIL



8 CANTILEVER, LATERAL VIEW



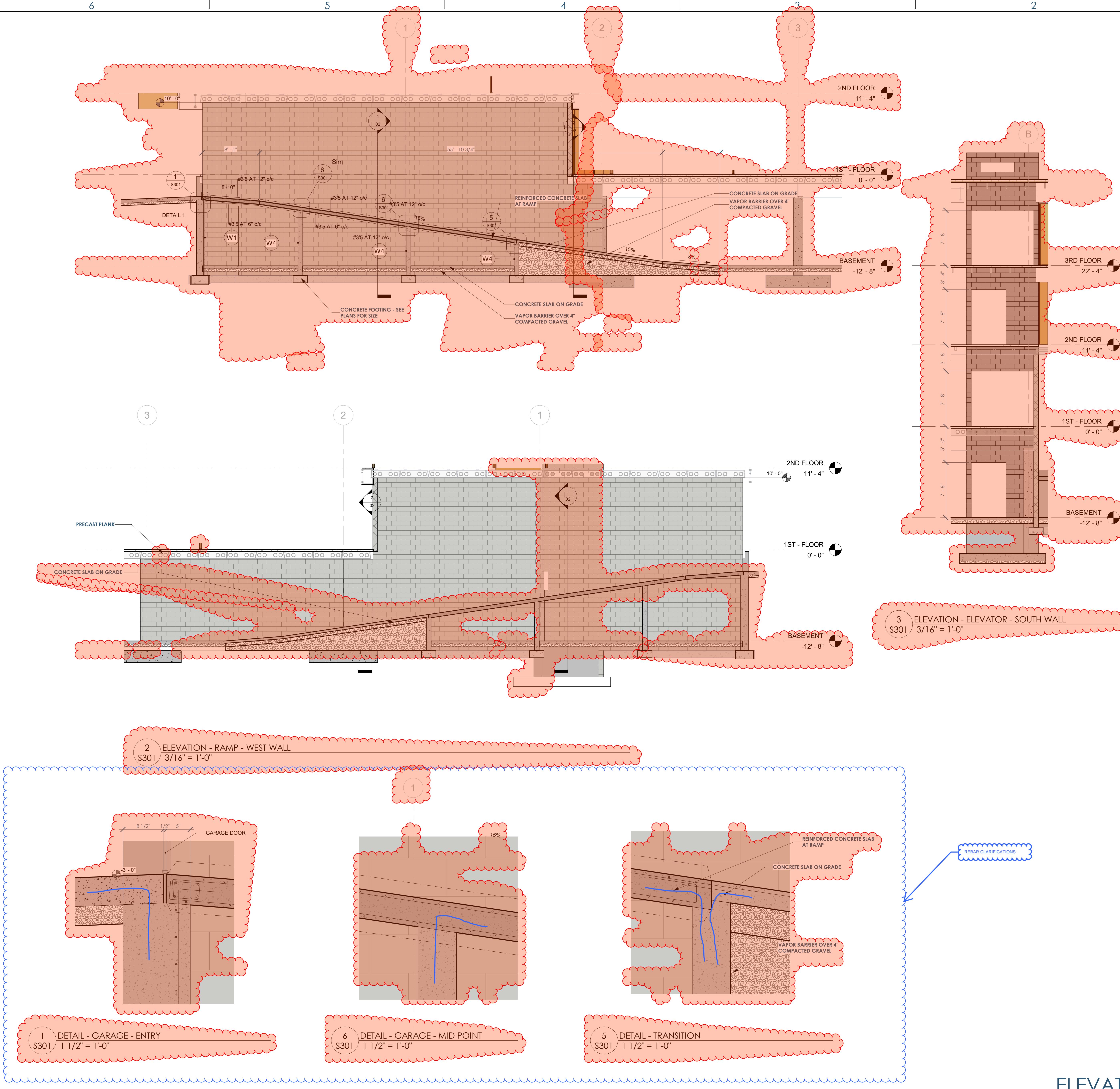
10 FLOOR FRAMING AT LOBBY, CORRIDOR STEEL BEAM

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WOOD SHEAR WALL SCHEDULE													
Shear wall	Sheathing material	Panel thickness	Bucking	Minimum distance from framing member or blocking	Fastener type and size	Panel edge fastener spacing	Notched or inset panel capacity	Hold-down anchor capacity	Hold down studs	Hold down anchor type	Bottom plate attachment (foundation)	Bottom plate attachment (floor to floor)	
ID		(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)
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= 0.268 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= 0.268 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= 0.268 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= 0.268 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	16d (d= 0.268 in) nails at 19 in. o/c; 39 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; 36 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; 36 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= 0.268 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= 0.268 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	16d (d= 0.268 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= 0.268 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= 0.268 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	16d (d= 0.268 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= 0.268 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= 0.268 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; 36 fasteners in 2 rows.	
SW_EC2B	Wood structural panels - sheathing	3/8	NO	1-3/8	8d 6	560	-	-	-	-	-	16d (d= 0.268 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	16d (d= 0.268 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									



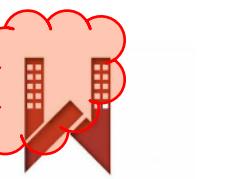




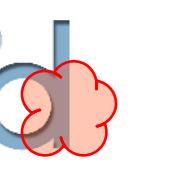
# ELEVATIONS - FOUNDATION CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI

S301

10/3/2019 12:05:26 AM



**CAPITAL GROUP**  
**Developer:** W Capital Group  
[wcapitalgroup.com](http://wcapitalgroup.com) | 608.345.9848



**Architect:** OpeningDesign  
6 W Washington Ave | Suite 675  
Madison, WI 53703  
[openingdesign.com](http://openingdesign.com) | 773.425.6456



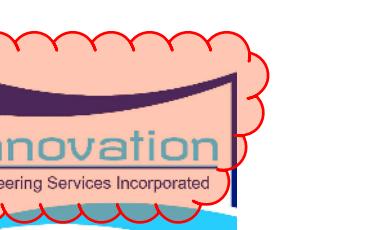
**General Contractor:** ROYAL CONSTRUCTION  
1600 Queenway Street | Eau Claire, WI 54701  
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**Engineer:** CEDAR CORPORATION  
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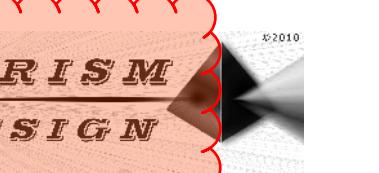
**al Engineer:** XC Structural Engineering  
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**Architectural Engineer of Record:** Ennovation  
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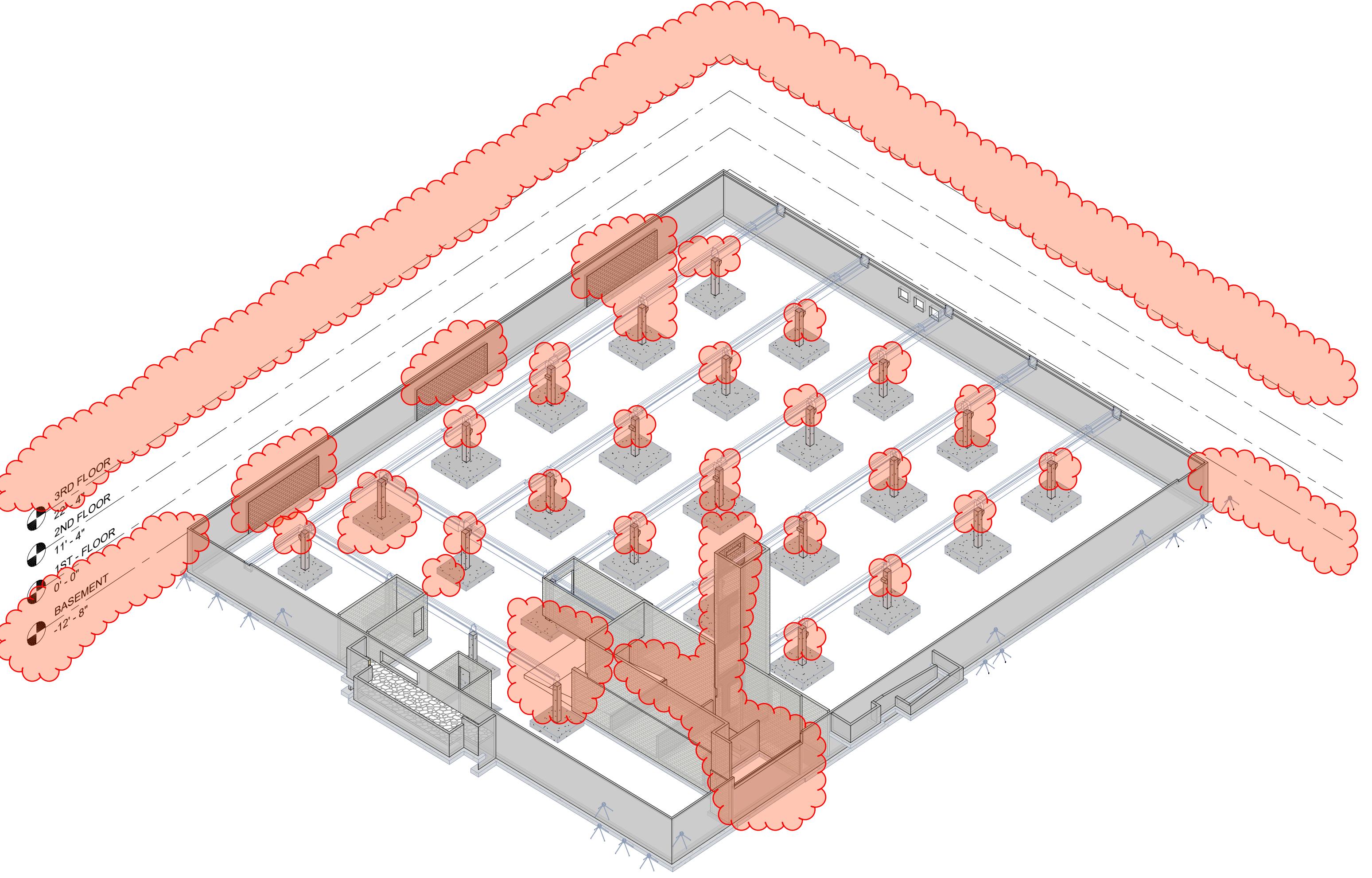
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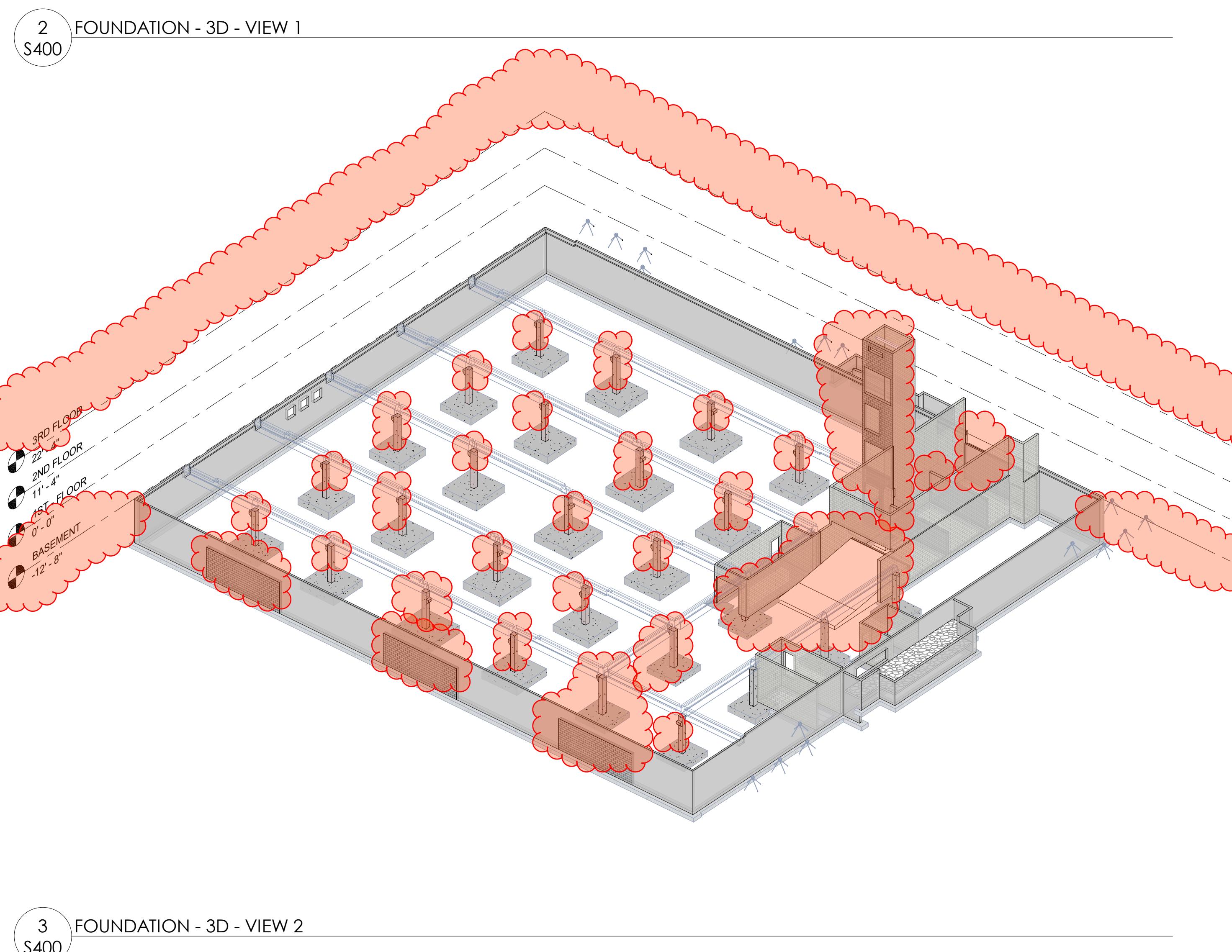
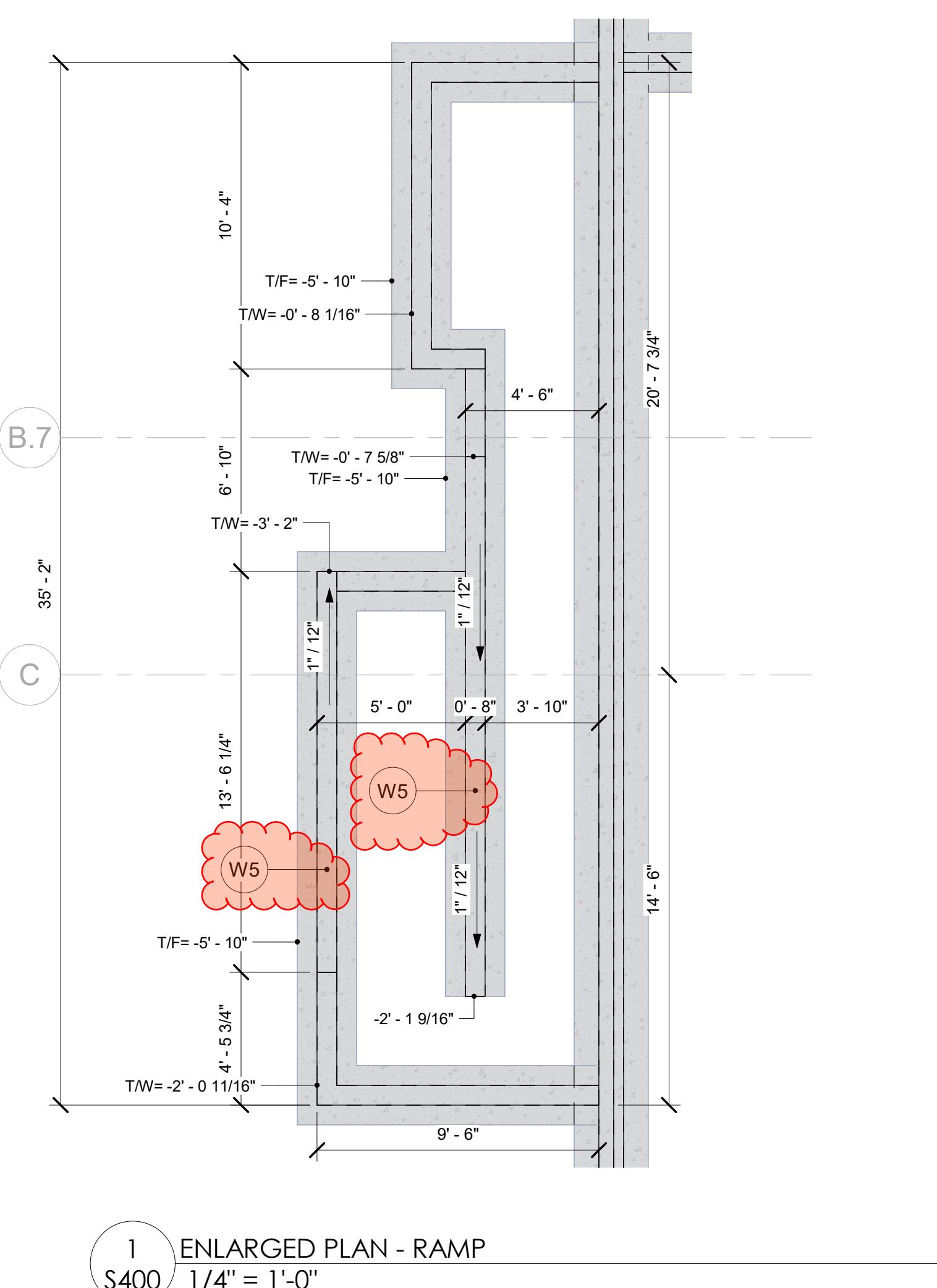
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# CANNERY TRAIL RESIDENCES - 1750 N OXFORD AVE. - EAU CLAIRE, WI

## ENLARGED PLANS