

REVISIONS:	2020-03-24 PERMIT CORRECTIONS

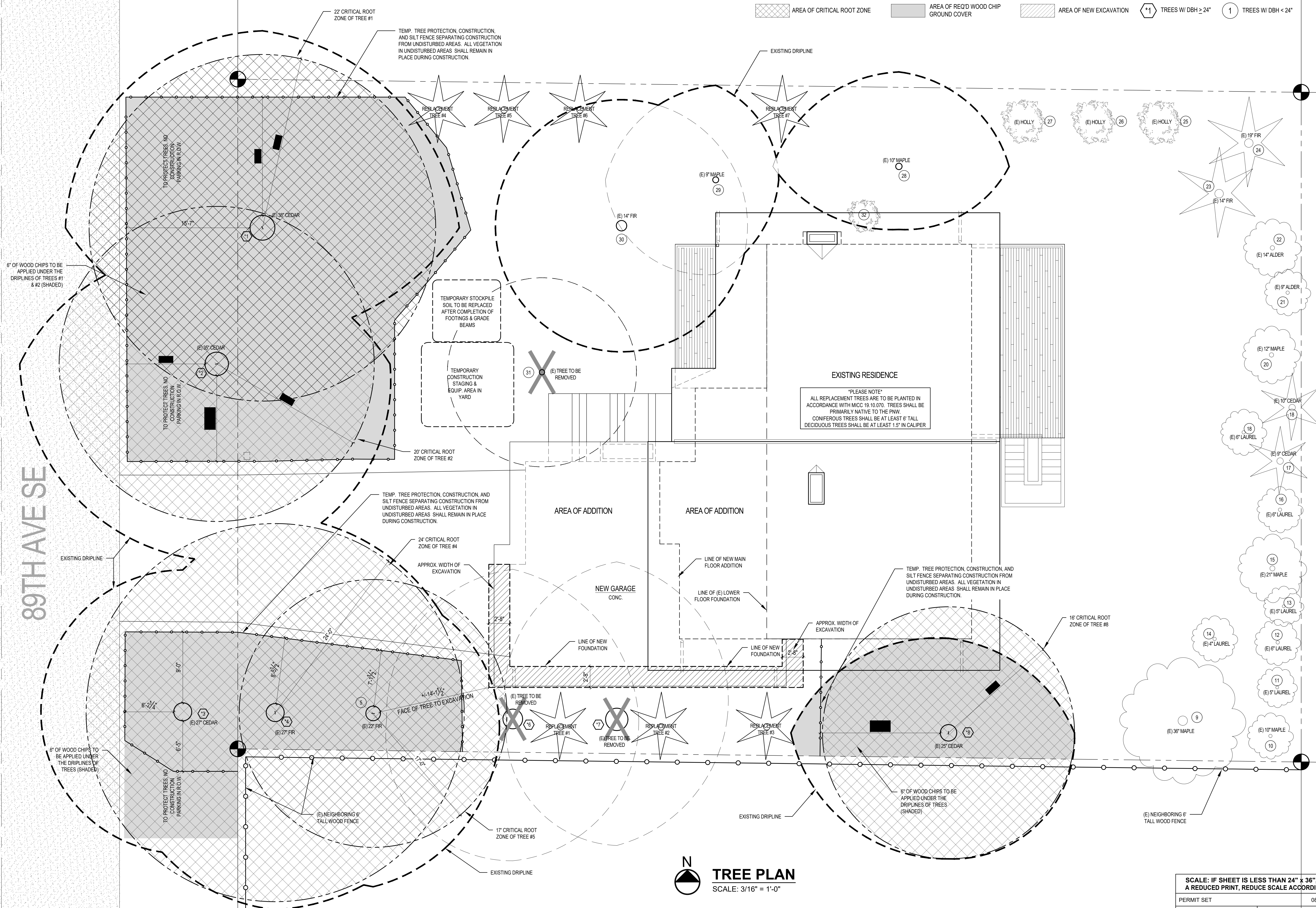
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SHEET **A1.1**

OF

LEGEND:

- AREA OF CRITICAL ROOT ZONE
- AREA OF REQ'D WOOD CHIP GROUND COVER
- AREA OF NEW EXCAVATION
- TREES W/ DBH ≥ 24"
- TREES W/ DBH < 24"



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

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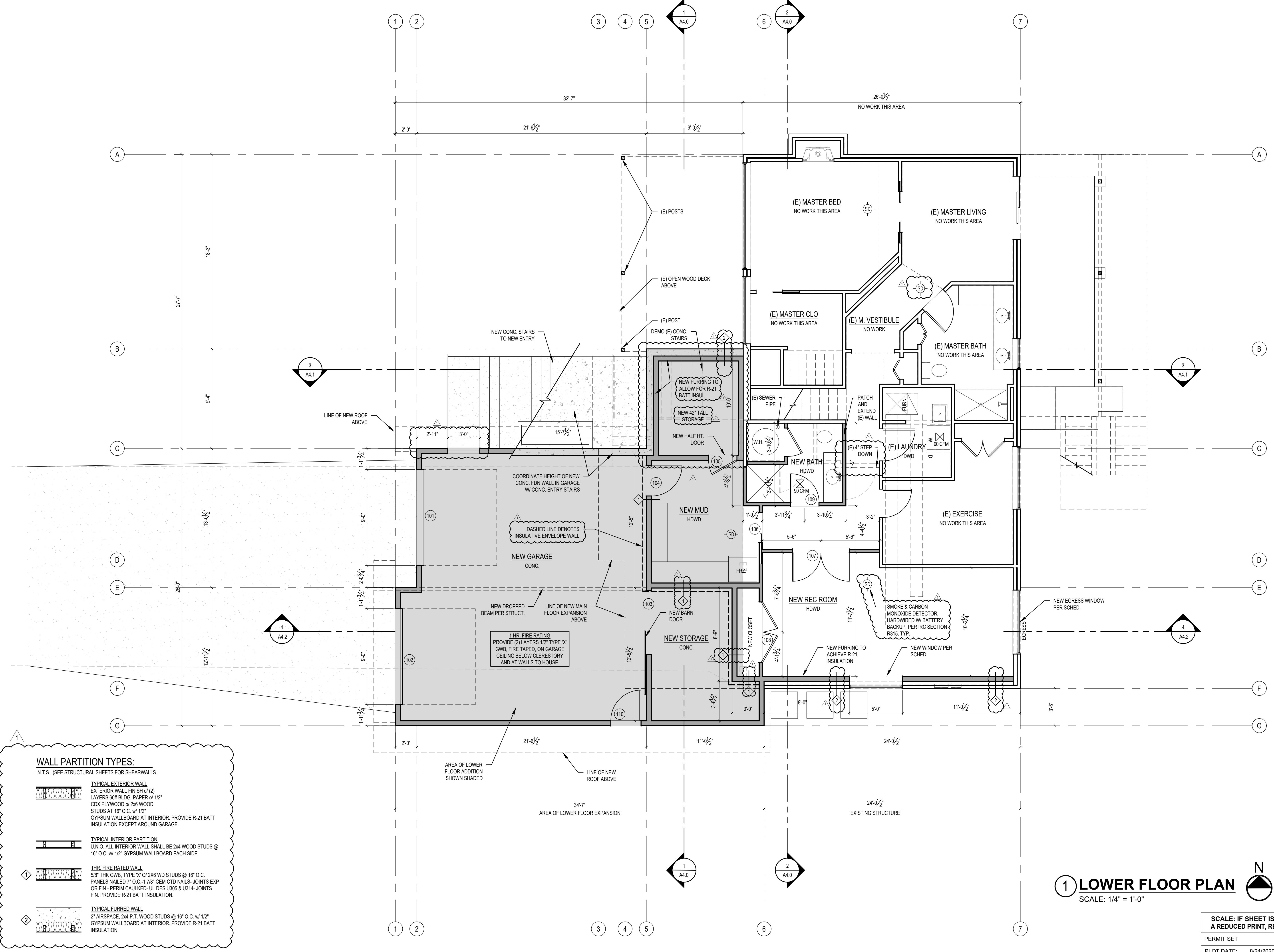
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A2.0

OF



WALL PARTITION TYPES:
N.T.S. (SEE STRUCTURAL SHEETS FOR SHEARWALLS.)

1 TYPICAL EXTERIOR WALL
EXTERIOR WALL FINISH OF (2) LAYERS 60# BLDG. PAPER OF 1/2" CDX PLYWOOD OF 2x6 WOOD STUDS AT 16" O.C. w/ 1/2" GYPSUM WALLBOARD AT INTERIOR. PROVIDE R-21 BATT INSULATION EXCEPT AROUND GARAGE.

2 TYPICAL INTERIOR PARTITION
U.N.O. ALL INTERIOR WALL SHALL BE 2x4 WOOD STUDS @ 16" O.C. w/ 1/2" GYPSUM WALLBOARD EACH SIDE.

3 1HR. FIRE RATED WALL
5/8" THK GWB, TYPE 'X' O/2X6 WD STUDS @ 16" O.C. PANELS NAILED 7" O.C.-1 7/8" CEM CTD NAILS- JOINTS EXP OR FIN - PERIM CAULKED- UL DES U305 & U314- JOINTS FIN. PROVIDE R-21 BATT INSULATION.

4 TYPICAL FURRED WALL
2" AIRSPACE, 2x4 P.T. WOOD STUDS @ 16" O.C. w/ 1/2" GYPSUM WALLBOARD AT INTERIOR. PROVIDE R-21 BATT INSULATION.

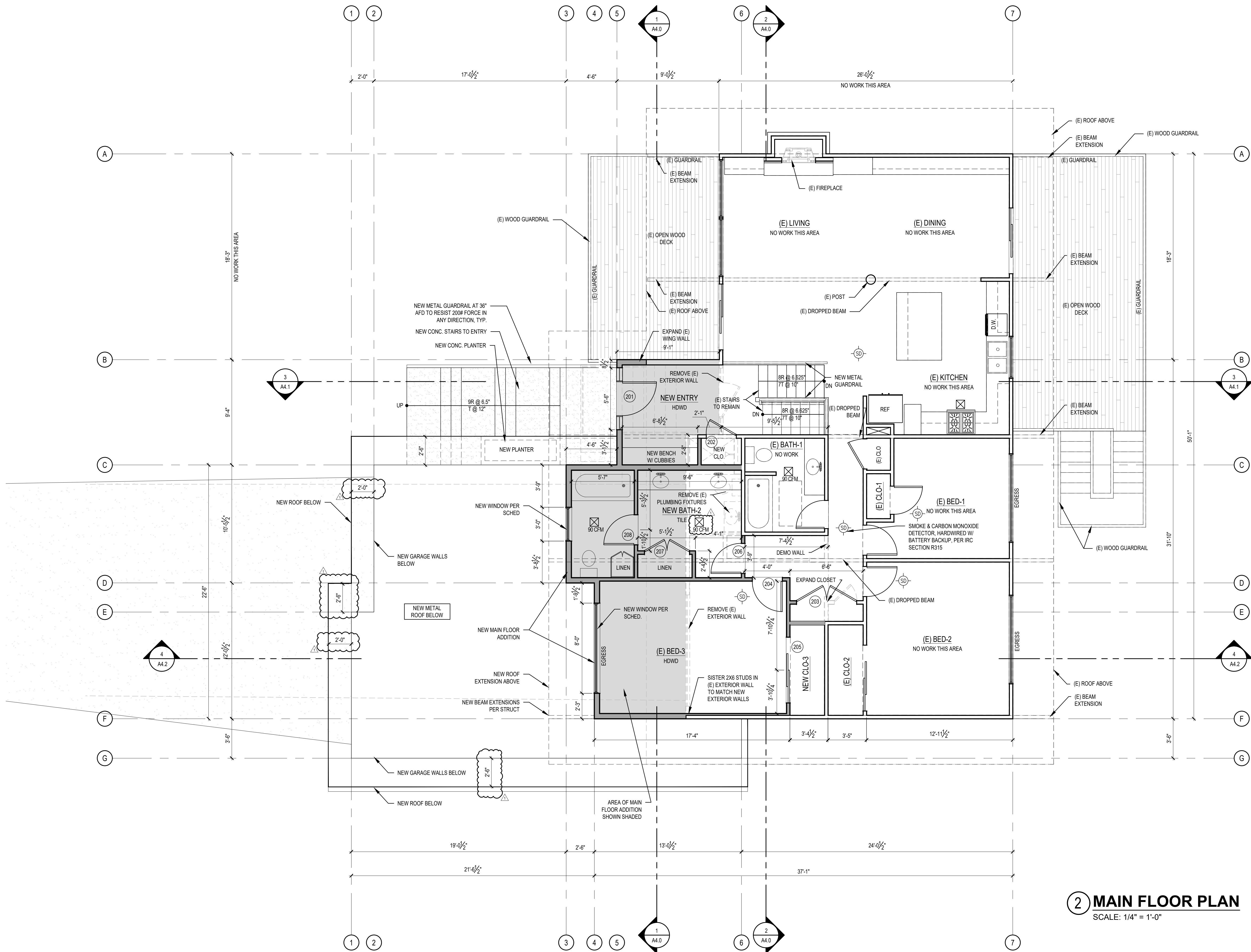
1 LOWER FLOOR PLAN
SCALE: 1/4" = 1'-0"

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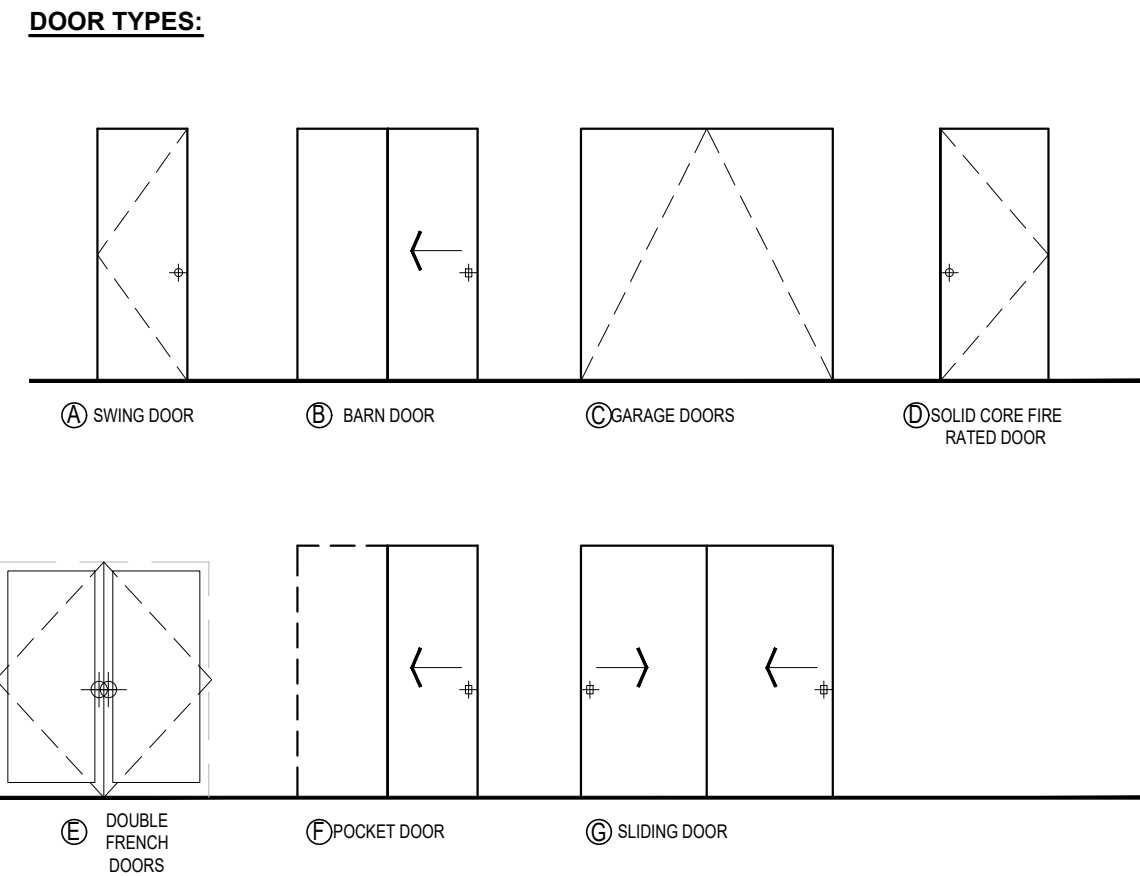
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WINDOW SCHEDULE

WINDOW MARK	DESCRIPTION	R.O. SIZE WIDTH HEIGHT	TEMP.	QTY.	TOTAL AREA (SF)	U-VALUE (MIN.)	NFRC CERT.	GLAZING	REMARKS & NOTES
A	FIXED	5'-6" 6'-8 3/4"	-	1	35.7	.30	Y	LOW E / CLEAR	-
B	CASEMENT	3'-0" 3'-0"	Y	1	9.0	.30	Y	LOW E / CLEAR	-
C	CASEMENT	2'-0" 3'-6"	-	2	14.0	.30	Y	LOW E / CLEAR	EGRESS
D	FIXED	4'-0" 3'-6"	-	1	14.0	.30	Y	LOW E / CLEAR	-
E	FIXED	5'-0" 3'-0"	-	1	14.2	.30	Y	LOW E / CLEAR	-
F	SLIDER	6'-0" 3'-0"	-	1	17.0	.30	Y	LOW E / CLEAR	EGRESS
G	FIXED	3'-0" 3'-0"	-	1	9.0	.30	Y	LOW E / CLEAR	-

DOOR SCHEDULE

DOOR NO.	LOCATION	SIZE WIDTH HEIGHT	DOOR TYPE	TEMP. GLASS	DOOR FIN.	DOOR THK.	U-VAL. (MIN.)	NFRC CERT.	DOOR HDWR.	REMARKS & NOTES
MAIN FLOOR										
101	GARAGE	9'-0" 8'-0"	C	-	-	1-3/4"	.30	Y	-	-
102	GARAGE	9'-0" 8'-0"	C	-	-	1-3/4"	.30	Y	-	-
103	STORAGE	6'-0" 6'-8"	B	-	-	1-3/4"	.30	Y	-	-
104	MUD ROOM	2'-10" 6'-8"	D	-	-	1-3/4"	.30	Y	-	-
105	MUD ROOM	2'-8" 6'-8"	D	-	-	1-3/4"	.30	Y	-	-
106	MUD ROOM	2'-10" 6'-8"	F	-	-	1-3/4"	.30	Y	-	-
107	BATH	2'-8" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-
108	REC ROOM	5'-4" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-
109	REC ROOM	5'-8" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-
110	GARAGE	2'-10" 6'-8"	D	-	-	1-3/4"	.30	Y	-	-
UPPER FLOOR										
201	ENTRY	3'-0" 6'-8"	D	-	-	1-3/4"	.30	Y	-	-
202	CLOSET	2'-8" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-
203	HALLWAY CLOSET	5'-4" 6'-8"	E	-	-	1-3/4"	.30	Y	-	-
204	BED-3	2'-8" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-
205	BED-3	5'-10" 6'-8"	G	-	-	1-3/4"	.30	Y	-	-
206	BATH-2	2'-8" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-
207	BATH-2 LINEN	4'-0" 6'-8"	E	-	-	1-3/4"	.30	Y	-	-
208	BATH-2	2'-6" 6'-8"	A	-	-	1-3/4"	.30	Y	-	-



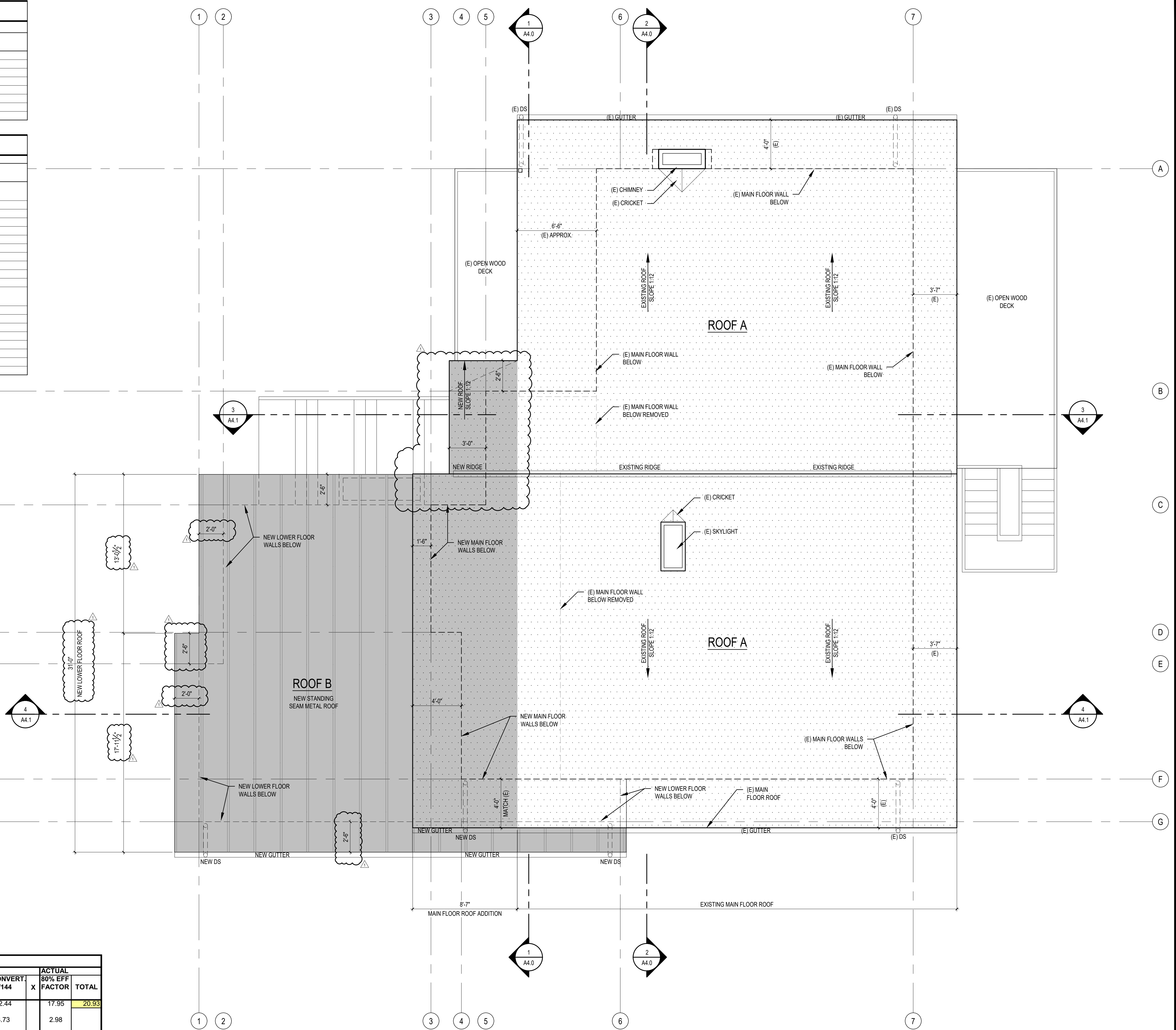
- #### WINDOW & DOOR SCHEDULE NOTES:
- 1) CONTRACTOR TO VERIFY ALL GLAZING SIZING, AND DOOR DIMENSIONS IN FIELD PRIOR TO ROUGH FRAMING & ORDERING OF GLAZING/WINDOW/DOOR MATERIALS. REVIEW SIZES AND ANY DISCREPANCIES W/ ARCHITECT.
 - 2) ALL GLAZING TO BE "LOW E", INSULATED GLASS UNLESS NOTED OTHERWISE.
 - 3) ALL OPERABLE WINDOWS TO HAVE SCREENS.
 - 4) GLAZING INDOORS AND/OR WITHIN 24" OF A DOOR TO BE TEMPERED. SEE EXTERIOR ELEVATION FOR TEMP. GLASS LOCATION & EGRESS WINDOWS.
 - 5) 2015 WSEC & VIAQ RESIDENTIAL PRESCRIPTIVE OPTION 3 ADOPTED. GLAZING AREA INDICATED UNLIMITED. SEE ENERGY NOTE AT A1.0 SHEET FOR DETAILS.
 - 6) ALL WINDOWS AND DOORS WITHOUT A BUG ARE EXISTING TO REMAIN.

ABBREVIATIONS:

ALUM	ALUMINUM
MC	METAL CLAD
PRE-FIN	PRE-FINISHED
PNT	PAINTED
SCW	SOLID CORE WOOD
WD	WOOD

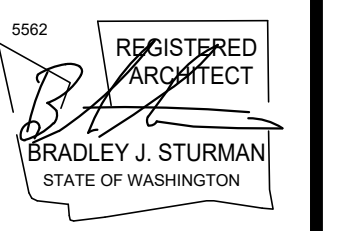
ROOF VENT CALCULATIONS

DESCRIPTION	SF AREA	REQ. VENTING PER SF AREA		VENT TYPE		X	VENT L.F.	=	TOTAL VENT AREA SQ. IN.	X	SF CONVERT. 1/144	X	ACTUAL 80% EFF FACTOR	TOTAL
		150	300	RIDGE	SOFFIT									
ROOF A	2438	8.13		18 SQ. IN./FT. 1.5" VENT	18 SQ. IN./FT. 1.5" VENT		179.5		3231		22.44		17.95	20.93
				12 SQ. IN./FT. 1.5" VENT			44.76		537		3.73			2.98
ROOF B	1,012	3.37		18 SQ. IN./FT. 1.5" VENT			88.5		1593		11.06		8.85	8.85
				12 SQ. IN./FT. CONTINUOUS					0		0.00		0.00	



3 ROOF PLAN
SCALE: 1/4" = 1'-0"

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MEDVED RESIDENCE PERMIT SET
 4752 89TH AVE SE
 MERCER ISLAND, WA 98040

ROOF PLAN

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SHEET	A2.2	
	OF	

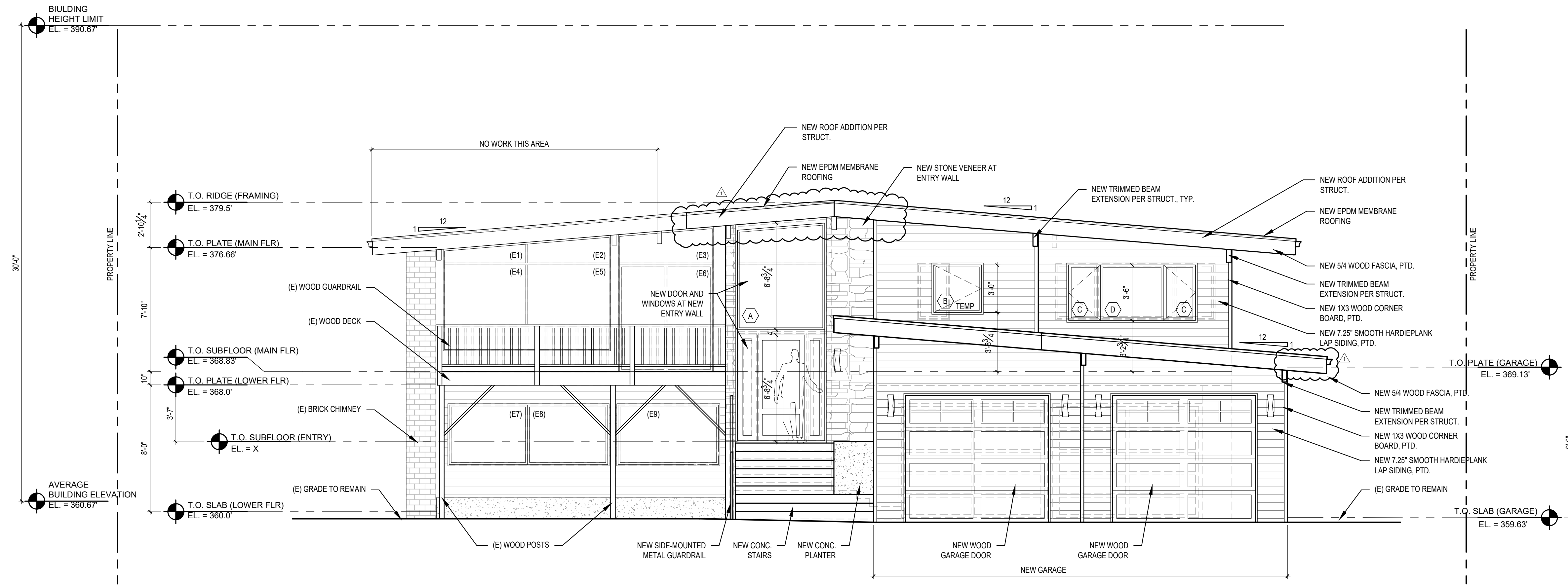
Table with 2 columns: REVISIONS, PERMIT CORRECTIONS. Includes revision symbols and dates.

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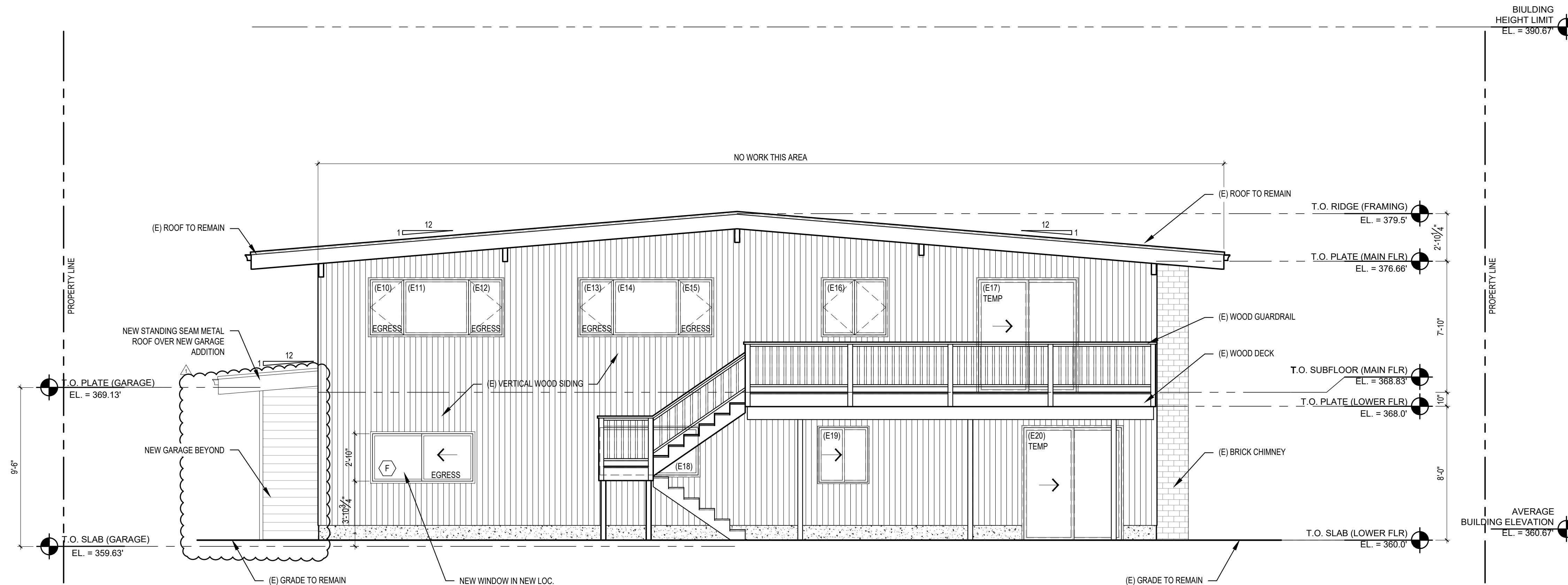
SHEET

A3.0

OF



1 WEST ELEVATION SCALE: 1/4" = 1'-0"



2 EAST ELEVATION SCALE: 1/4" = 1'-0"

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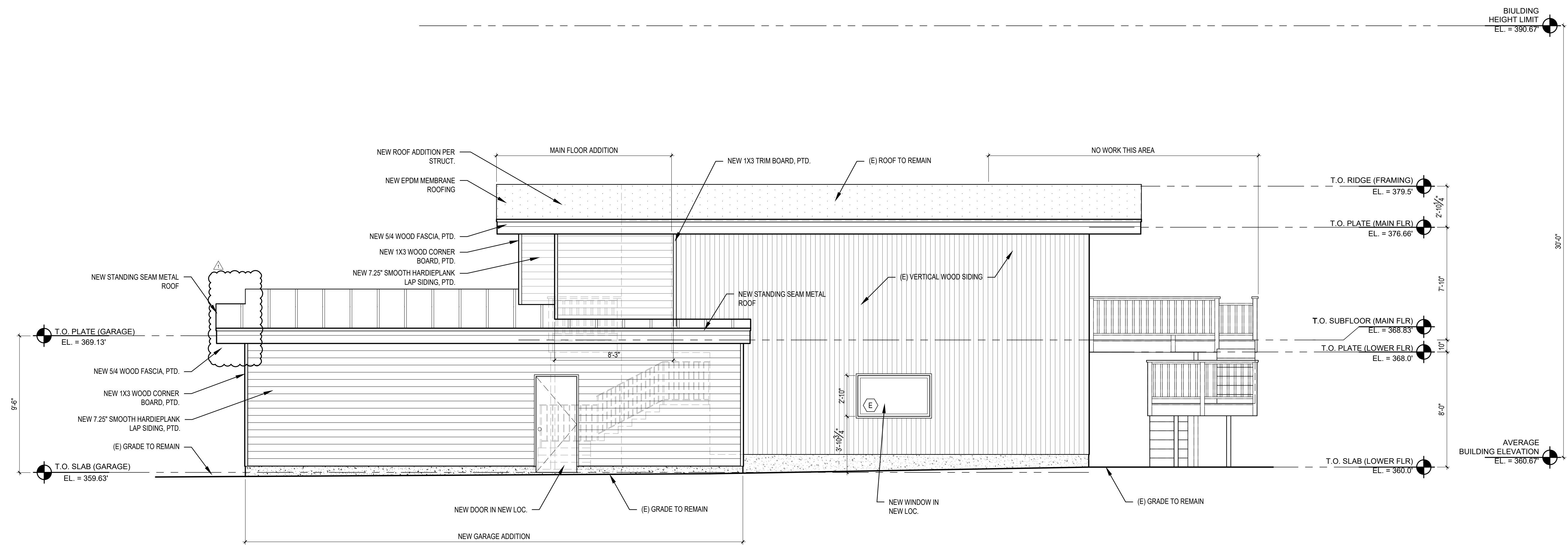
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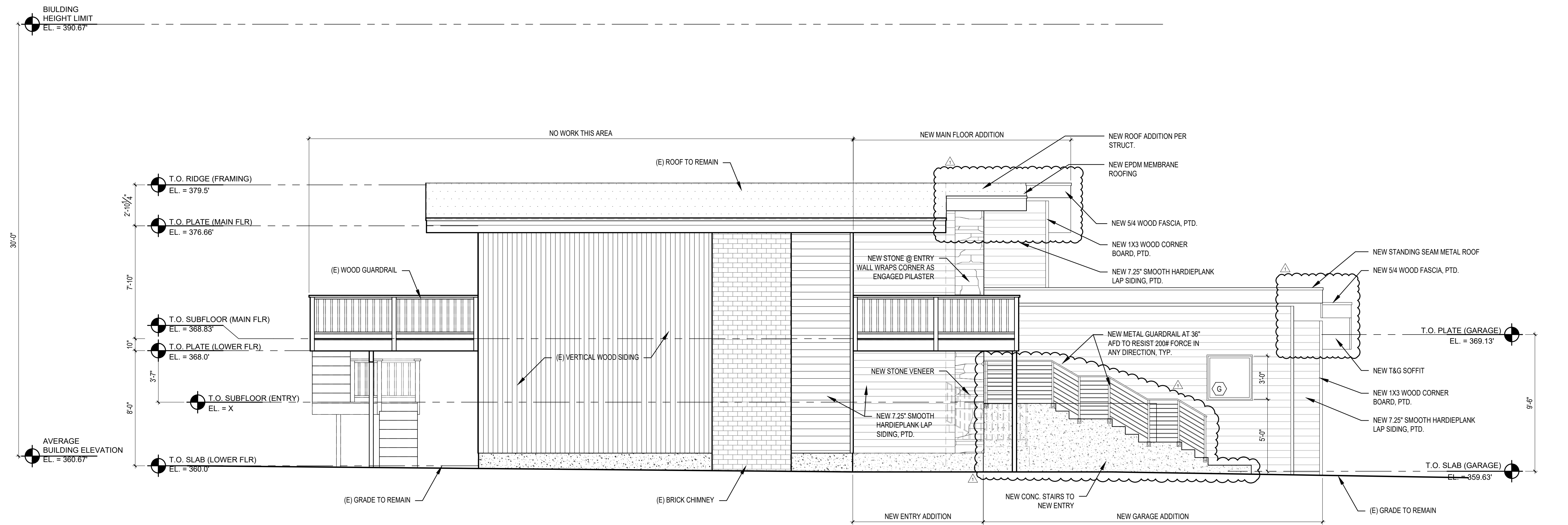
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③ SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



④ NORTH ELEVATION
SCALE: 1/4" = 1'-0"

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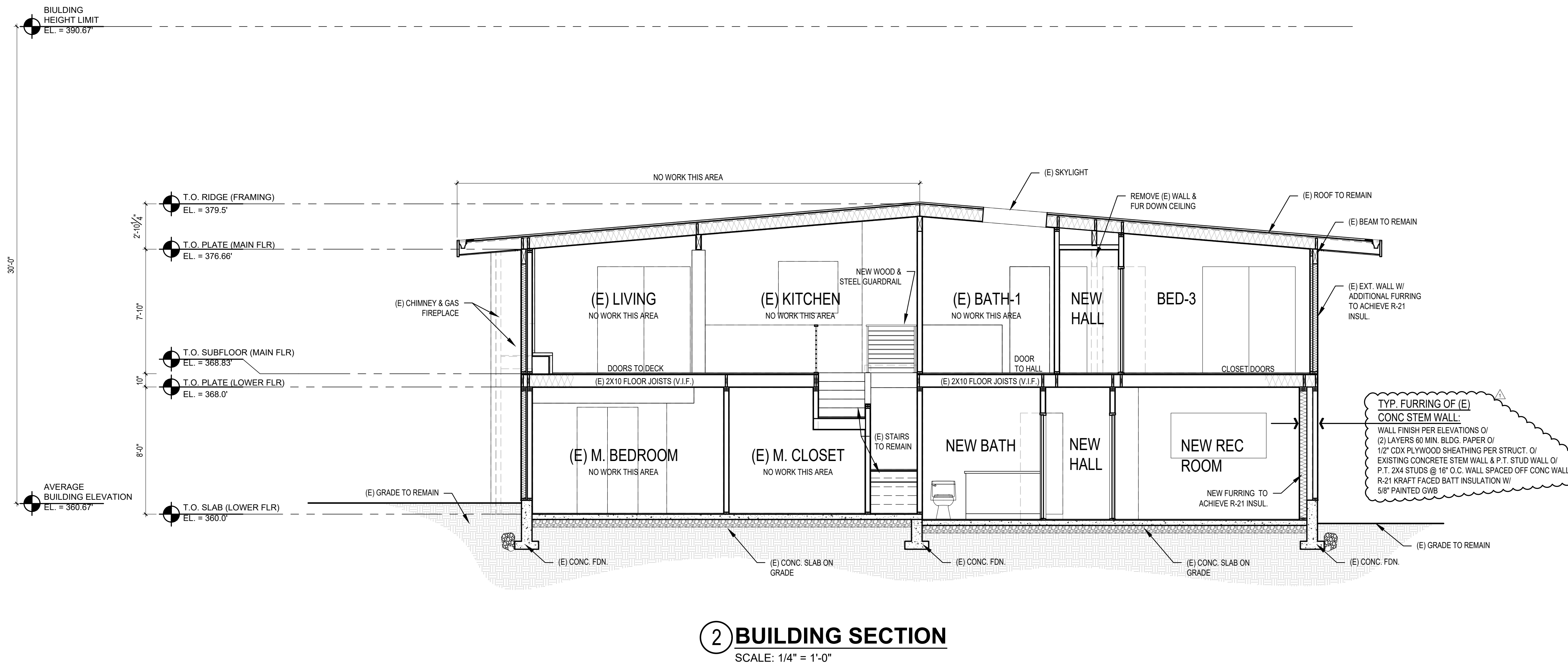
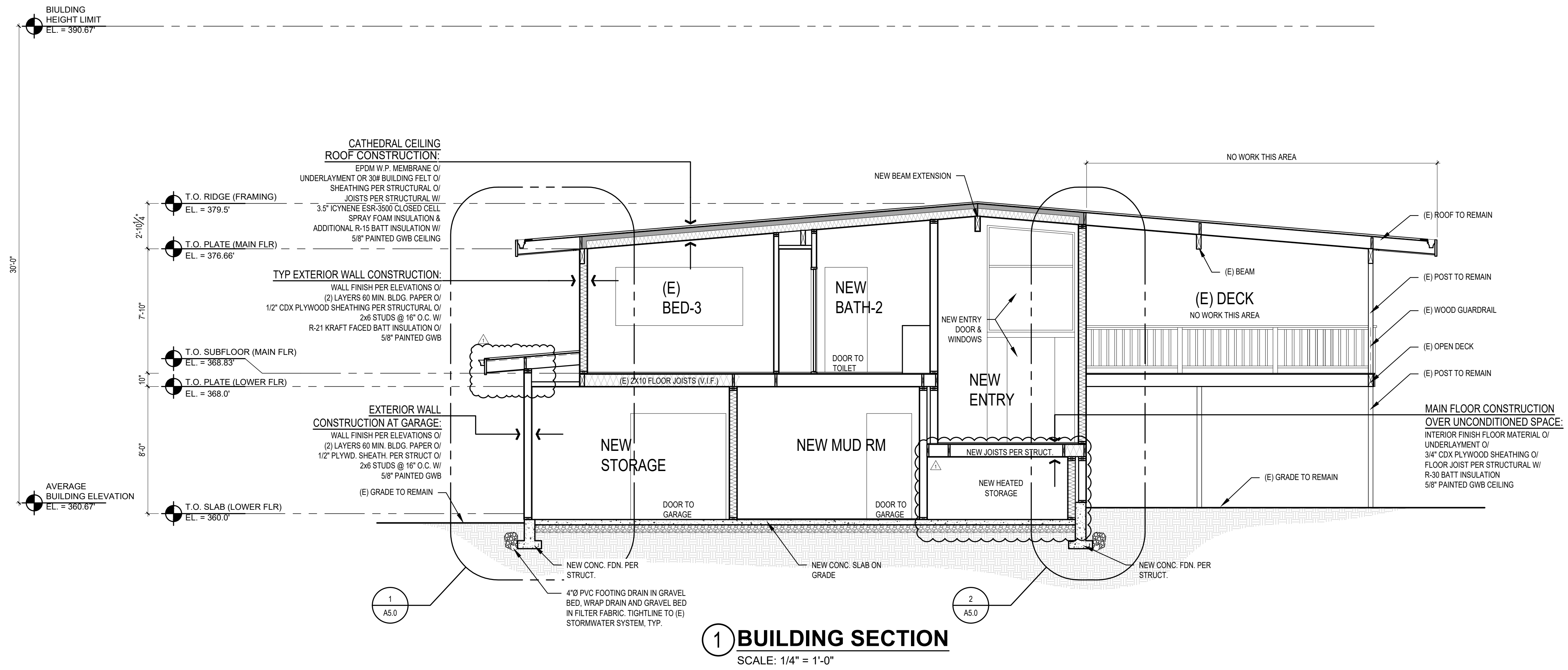
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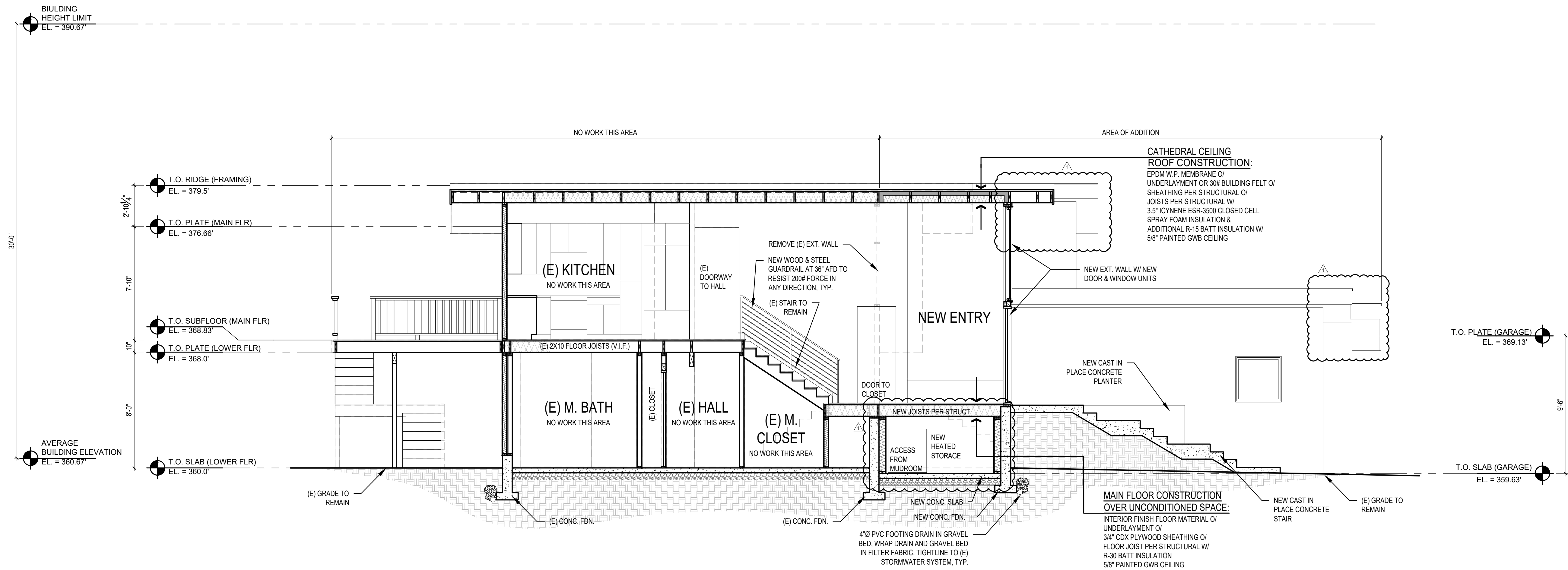
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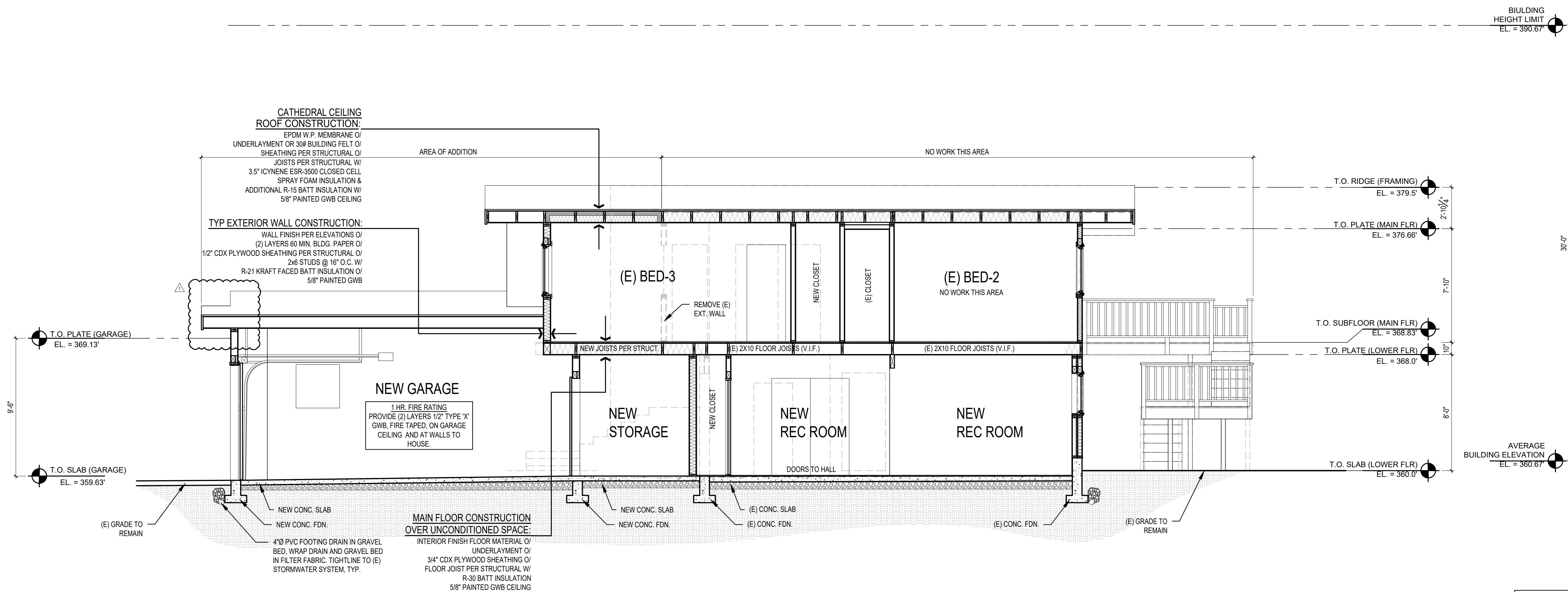
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3 BUILDING SECTION
SCALE: 1/4" = 1'-0"



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

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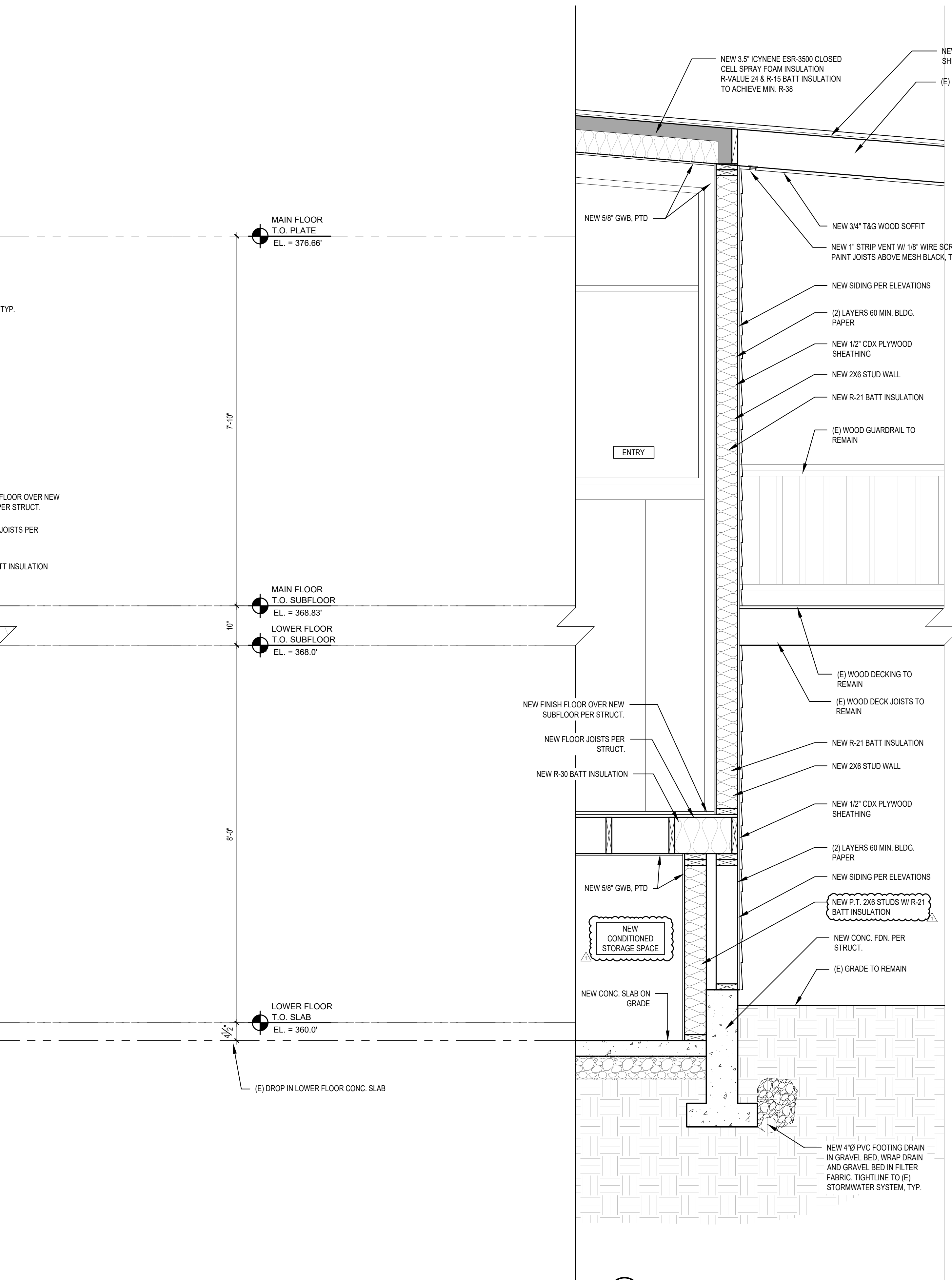
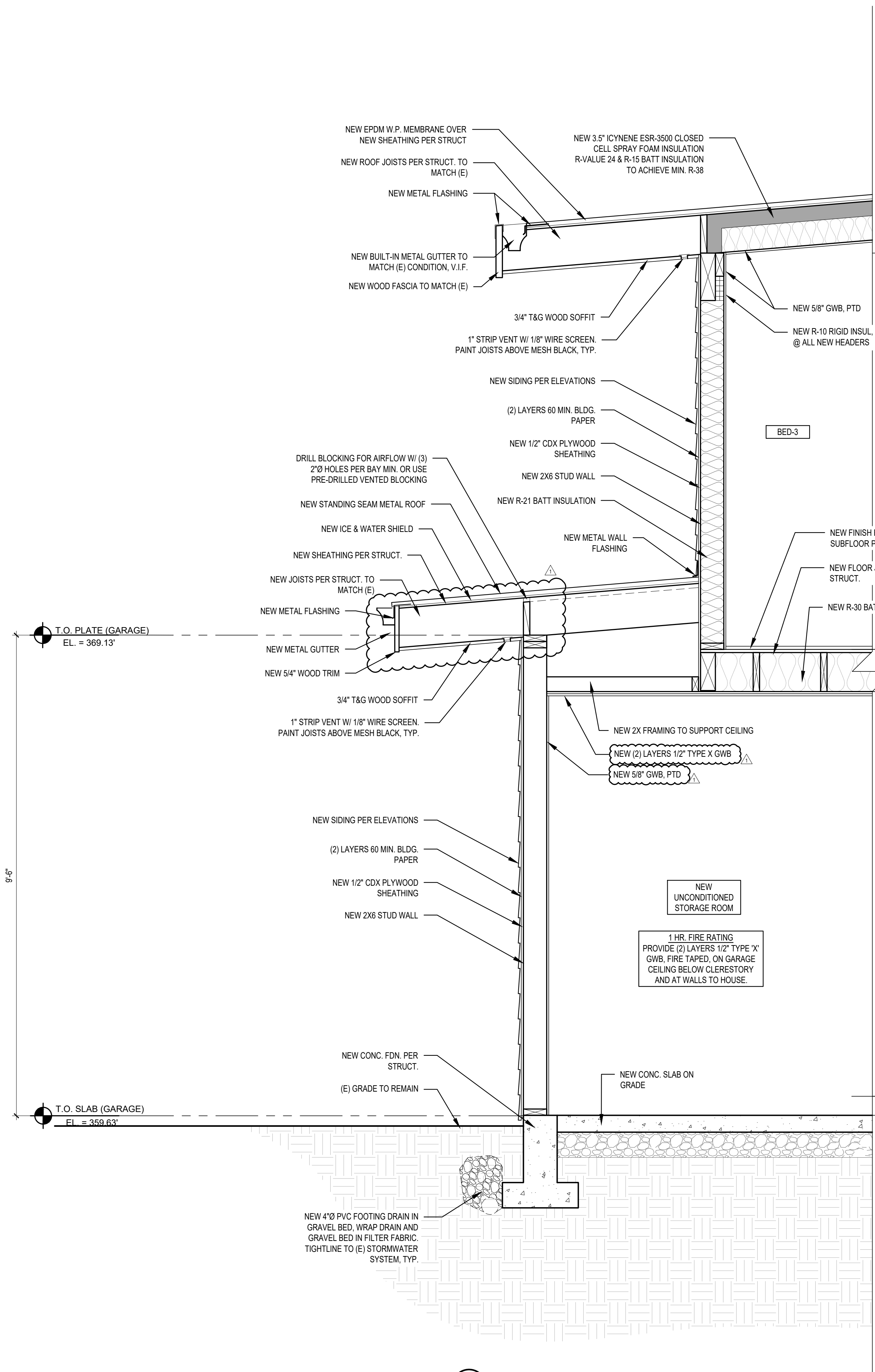
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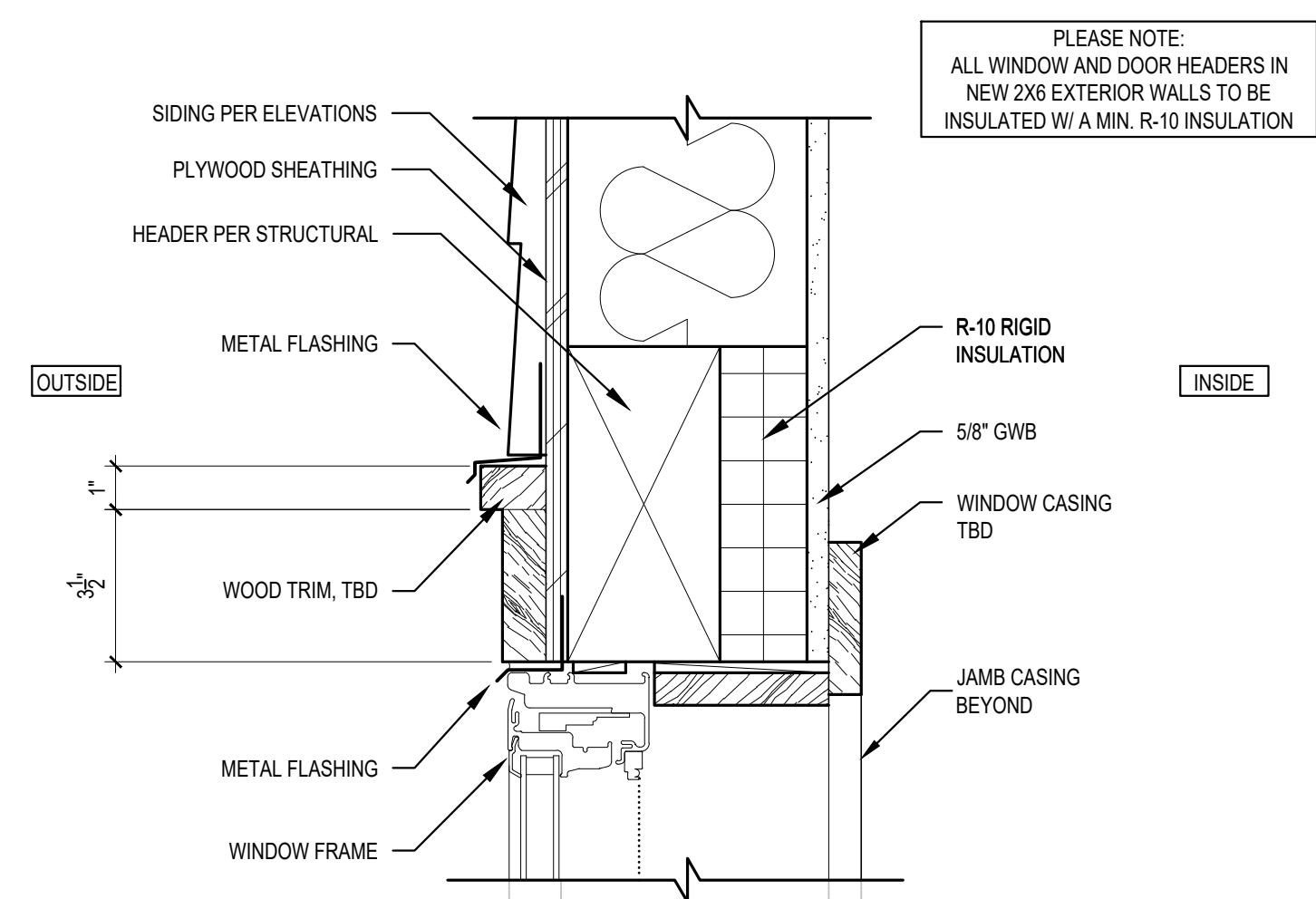
SHEET

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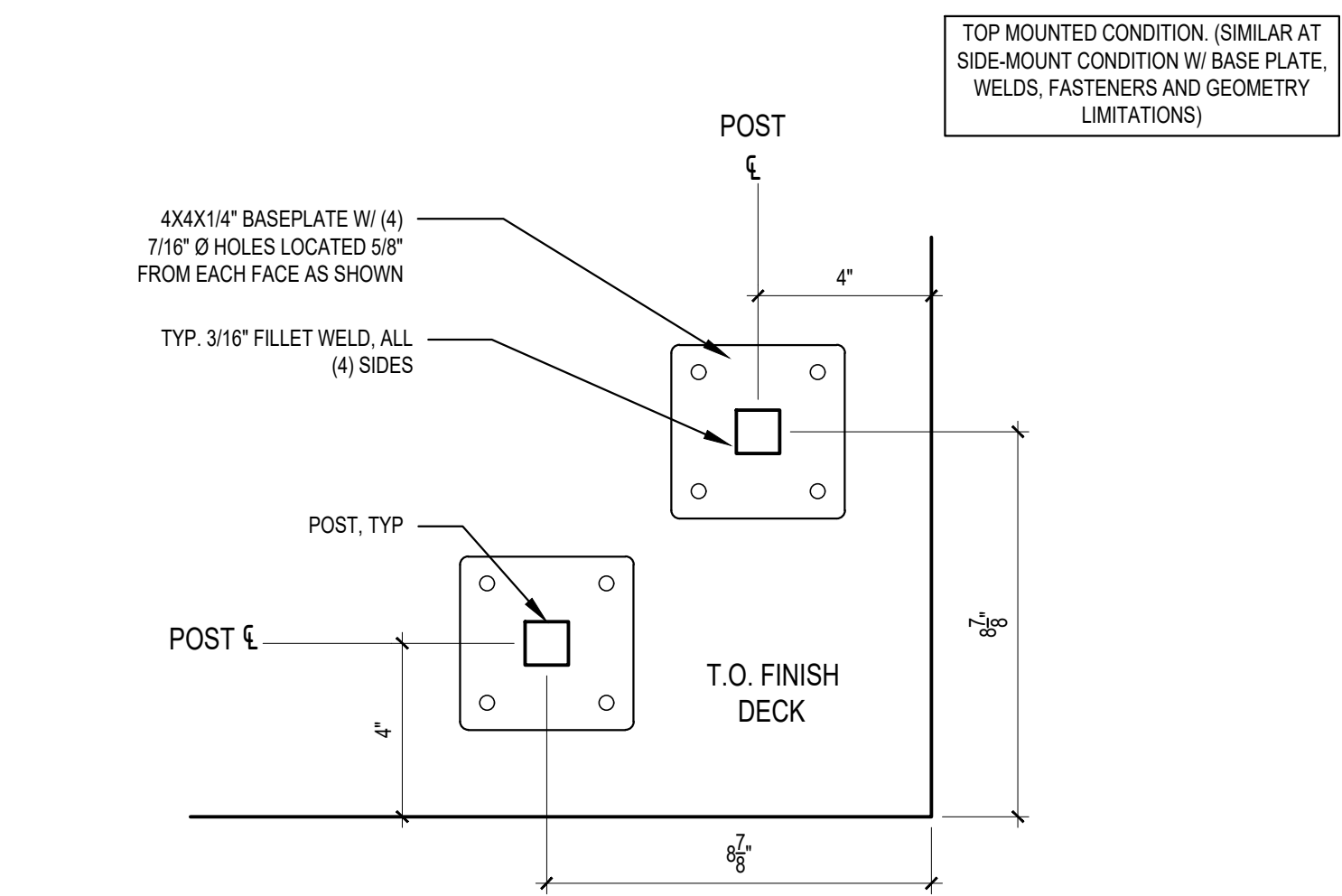
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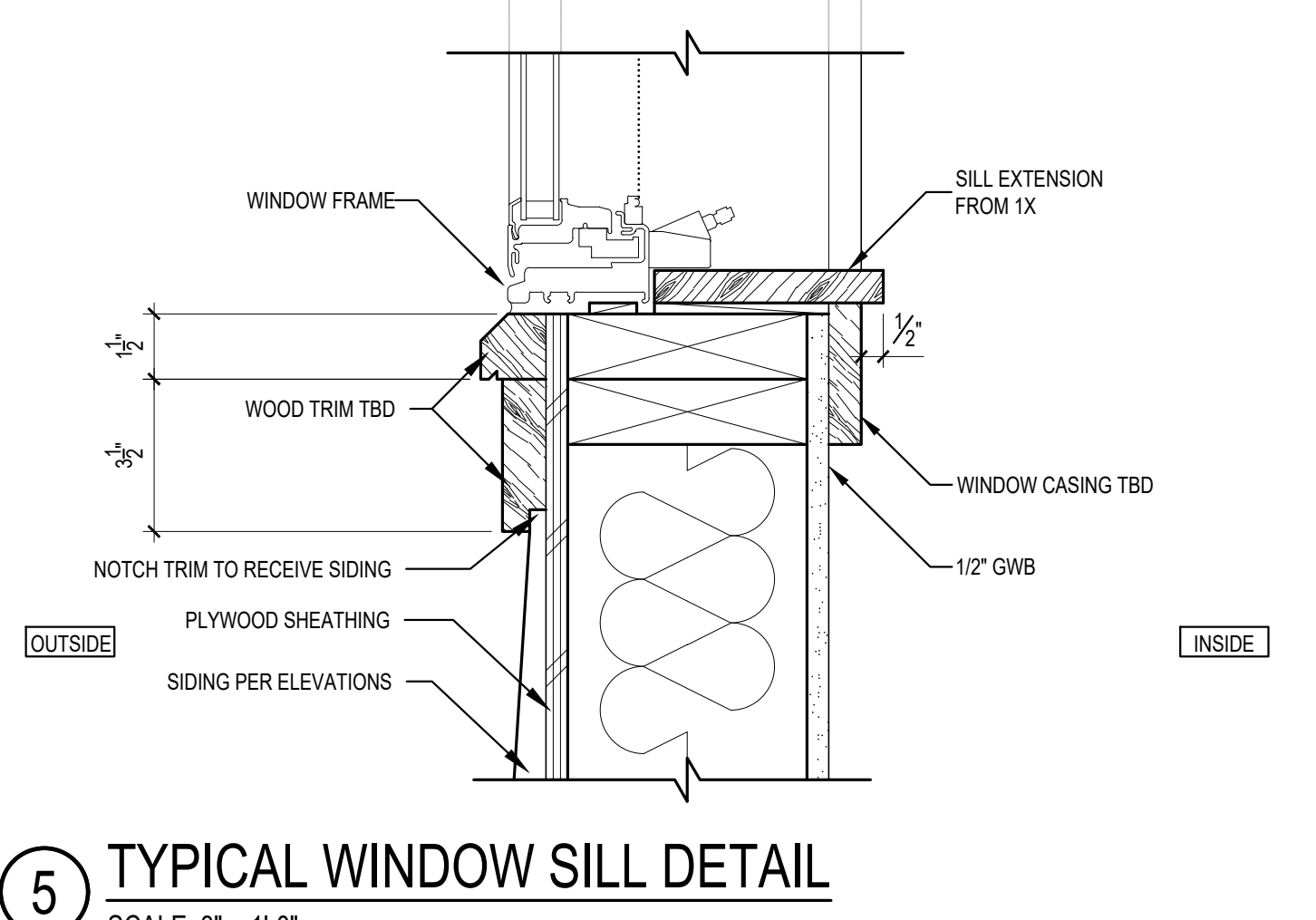
1 TYPICAL WINDOW HEAD DETAIL
SCALE: 3" = 1'-0" SIM. AT WINDOW JAMB



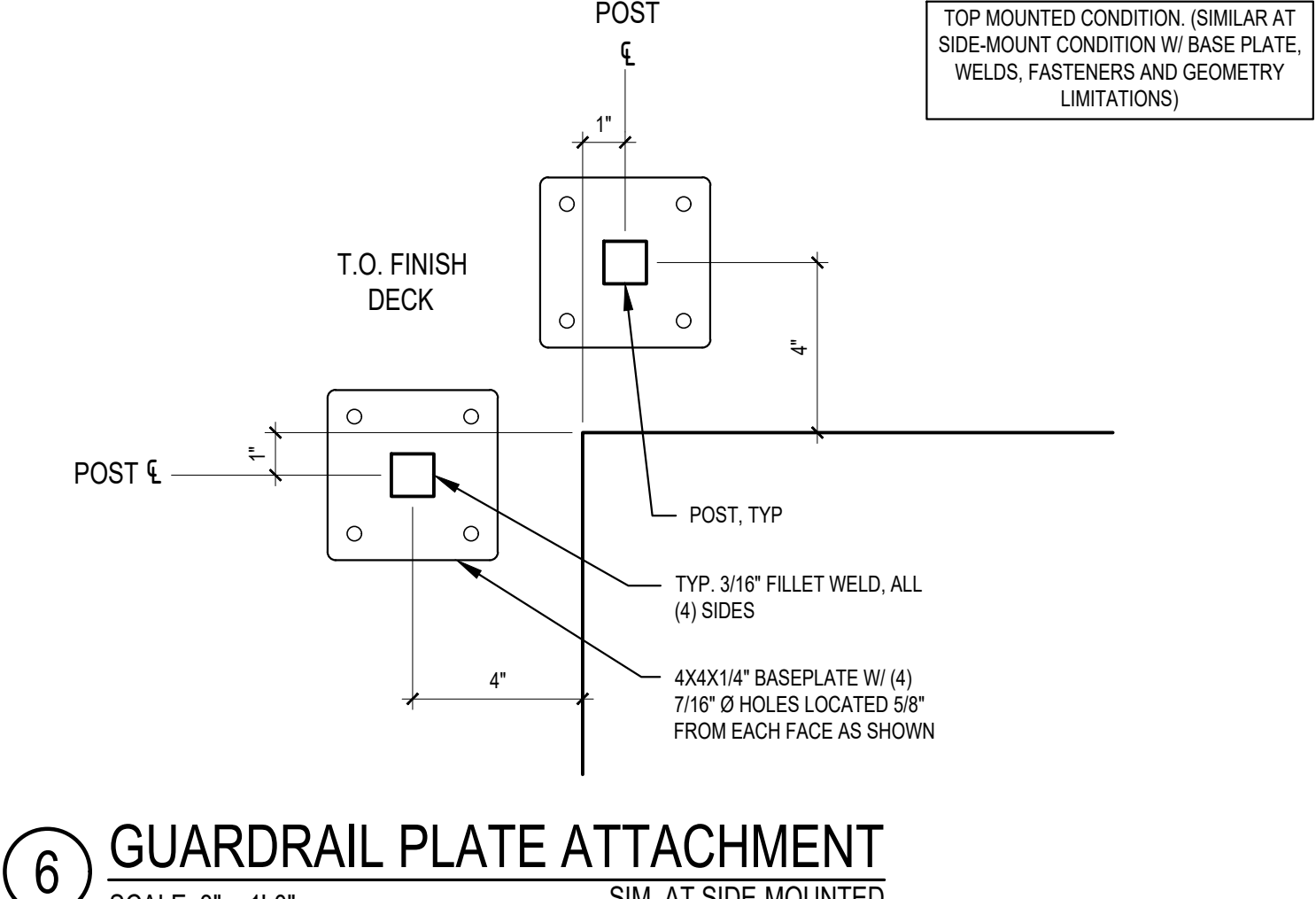
2 GUARDRAIL PLATE ATTACHMENT
SCALE: 3" = 1'-0" SIM. AT SIDE-MOUNTED

3 NOT USED
SCALE: 1-1/2" = 1'-0"

4 NOT USED
SCALE: 1-1/2" = 1'-0"



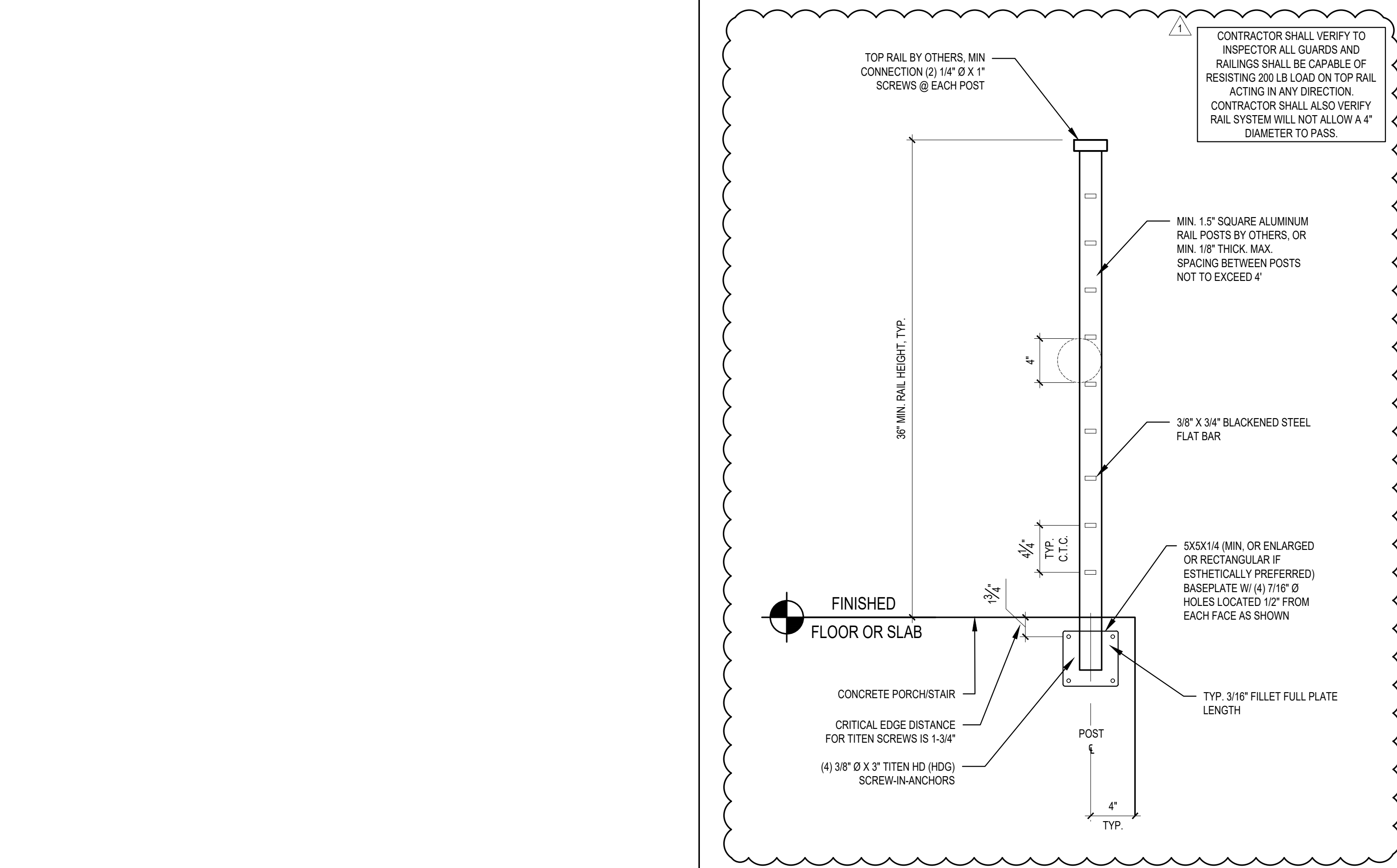
5 TYPICAL WINDOW SILL DETAIL
SCALE: 3" = 1'-0"



6 GUARDRAIL PLATE ATTACHMENT
SCALE: 3" = 1'-0" SIM. AT SIDE-MOUNTED

7 NOT USED
SCALE: 1-1/2" = 1'-0"

8 NOT USED
SCALE: 1-1/2" = 1'-0"



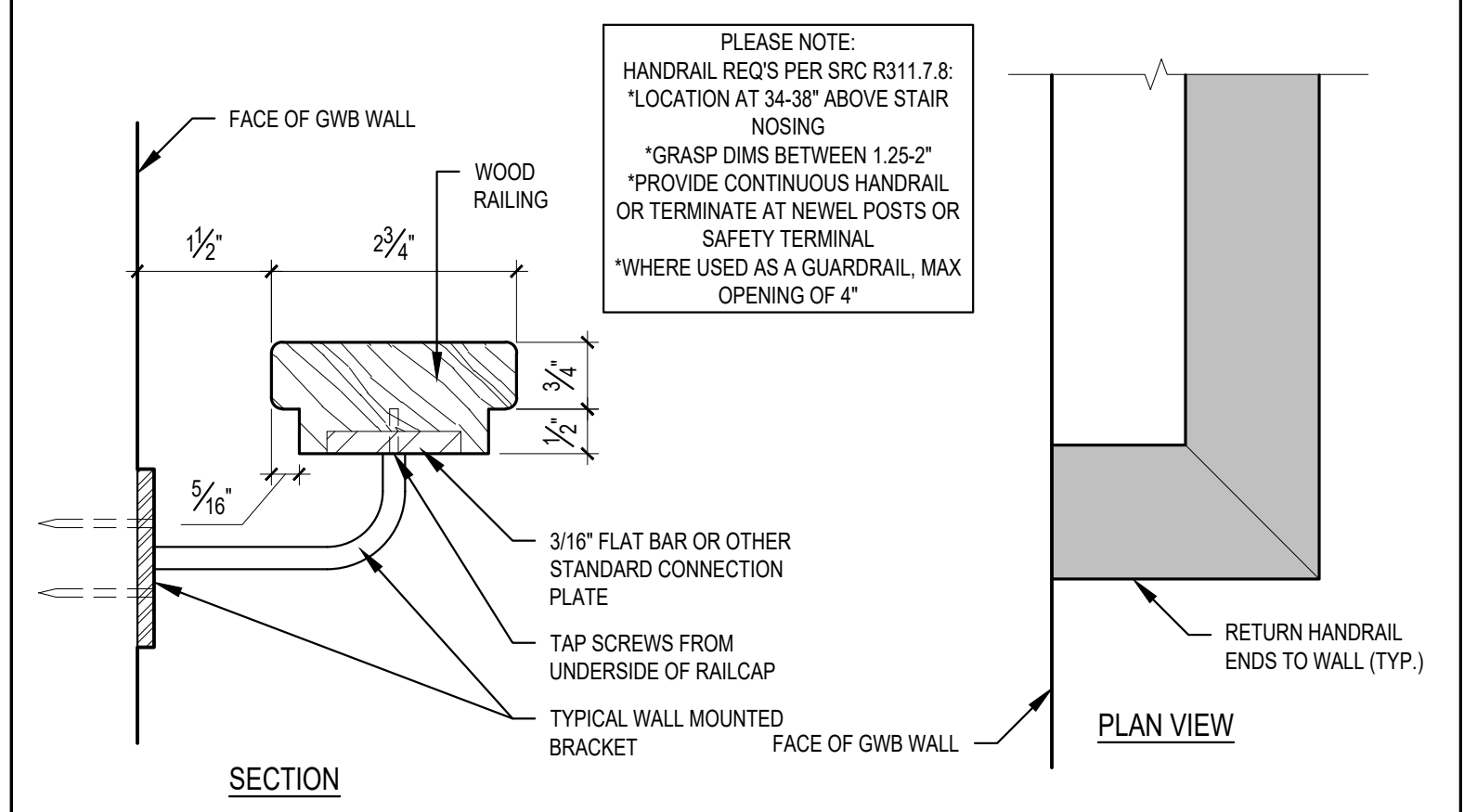
10 RAILINGS ATTACHMENT - SIDE-MOUNTED
SCALE: 1-1/2" = 1'-0"

11 NOT USED
SCALE: 1-1/2" = 1'-0"

12 NOT USED
SCALE: 1-1/2" = 1'-0"

9 NOT USED
SCALE: 1-1/2" = 1'-0"

13 NOT USED
SCALE: 1-1/2" = 1'-0"



14 HANDRAIL DETAIL
SCALE: 6" = 1'-0"

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GENERAL STRUCTURAL NOTES

(THE FOLLOWING APPLY UNLESS SHOWN OTHERWISE ON THE PLANS.)

A. GENERAL

- ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION, AS AMENDED BY LOCAL JURISDICTION.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF DOOR AND WINDOW OPENINGS. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MISCELLANEOUS MECHANICAL OPENINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM HIS WORK. STRUCTURAL DESIGN OF THE BUILDING IS BASED ON RESISTANCE TO DEAD LOADS, CODE SPECIFIED LATERAL LOADS, AND MAXIMUM EXPECTED SERVICE LOADS. NO CONSIDERATION HAS BEEN GIVEN TO LOADS WHICH WILL BE INDUCED BY ERECTION PROCEDURES. THE CONTRACTOR SHALL VERIFY, TO THE SATISFACTION OF HIMSELF AND THE OWNER, THE ABILITY OF THE STRUCTURE TO RESIST ALL ERECTION LOADS WITHOUT EXCEEDING THE ALLOWABLE STRESSES OF THE MATERIALS USED. WHERE ERECTION LOADS WOULD OVERSTRESS THE STRUCTURE, THE CONTRACTOR SHALL SUBMIT DESIGN DOCUMENTS FOR TEMPORARY BRACING AND STRENGTHENING, INCLUDING FABRICATION AND ERECTION DRAWINGS, TO THE ARCHITECT FOR REVIEW. THESE DOCUMENTS SHALL BEAR THE SEAL AND SIGNATURE OF A REGISTERED STRUCTURAL ENGINEER IN THE STATE OF WASHINGTON. THE CONTRACTOR SHALL PROVIDE, INSTALL AND IF NECESSARY, REMOVE SUCH TEMPORARY WORK AS REQUIRED.

4. CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.

5. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.

6. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERRECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.

7. INSPECTIONS: INSPECTIONS OF THE WOOD FRAMING, THE STEEL REBAR AND WOOD FORMS FOR CONCRETE FOOTINGS & FOUNDATIONS, AND CONCRETE SLABS ARE REQUIRED PER IBC SECTION 109.3.

8. PRE-MANUFACTURED, PRE-ENGINEERED STRUCTURAL COMPONENTS SHALL BE DESIGNED BASED ON THE CRITERIA PRESENTED IN THE CONTRACT DOCUMENTS. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE, TEMPORARY AND PERMANENT BRACING AND ALL NECESSARY CONNECTIONS, INCLUDING CONNECTIONS TO THE PRIMARY STRUCTURE, NOT SPECIFICALLY CALLED OUT ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE THE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON THE PRIMARY STRUCTURE. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED AS NOTED PREVIOUSLY.

B. DESIGN CRITERIA

1. DESIGN LOADS	
- ROOF LIVE LOAD (SNOW)	25 PSF
- RESIDENTIAL LIVE LOAD	40 PSF
- BEDROOM LIVE LOAD	30 PSF
- EXTERIOR BALCONY & DECK	60 PSF
- WIND (IBC SIMPLIFIED)	110 MPH (LRFD) EXPOSURE "B", Kzt = 1.6 SITE CLASS "D"
- EARTHQUAKE (ASCE)	SEISMIC USE GROUP 1 (Ie = 1.0) SEISMIC DESIGN CATEGORY "D" Ss = 1.43 g, S1 = 0.549 g Sds = 0.953 g, Sd1 = 0.549 g
- ALLOWABLE SOIL PRESSURE	1500 PSF AT 1'-6" DEPTH
- LATERAL EARTH PRESSURE	35 PCF
- PASSIVE PRESSURE	350 PCF
- COEFFICIENT OF FRICTION	0.45

2. LATERAL FORCE RESISTANCE SYSTEM
LIGHT-FRAMED WOOD WALLS SHEATHED WITH WOOD STRUCTURAL PANELS, R = 6.5

C. FOUNDATION

- FOUNDATION EXCAVATION, BACKFILL AND COMPACTION SHALL CONFORM TO SPECIFICATION REQUIREMENTS. THIS CONSTRUCTION WORK, INCLUDING DRAINAGE, SHORING AND SUCH OTHER RELATED WORK AS REQUIRED, SHALL BE CONDUCTED BY THE CONTRACTOR UNDER THE OBSERVATION AND DIRECTION OF THE GEOTECHNICAL ENGINEER.
- FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST 18" BELOW LOWEST ADJACENT FINISHED GRADE. MATERIAL TO BE COMPACTED TO 95% MINIMUM OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557.
- FOOTINGS MAY BE POURED IN NEAT EXCAVATIONS PROVIDED SIZE IS INCREASED 3" AT EACH INTERFACE WITH SOIL.
- ALL FOOTING EXCAVATIONS SHALL BE HAND CLEANED PRIOR TO PLACING CONCRETE.
- ALL ABANDONED FOOTINGS, UTILITIES, ETC. THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.
- CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING, AND SHORING REQUIRED TO SAFELY RETAIN EXCAVATIONS.
- BACKFILL BEHIND ALL WALLS WITH WELL DRAINING, GRANULAR FILL MATERIAL, AND PROVIDE PERFORATED PIPE DRAINS AS DESCRIBED IN THE SOILS REPORT. BACKFILL BEHIND WALLS SHALL NOT BE PLACED BEFORE THE WALL IS PROPERLY SUPPORTED BY THE FLOOR SLAB, OR TEMPORARY BRACING. ALL FOOTINGS SHALL BE CENTERED BELOW CENTERLINE OF COLUMNS OR WALLS ABOVE, UNLESS NOTED OTHERWISE.

D. CONCRETE

1. ULTIMATE STRENGTH DESIGN PER INTERNATIONAL BUILDING CODE AND ACI 318-14

2. CONCRETE FOR FOOTINGS AND SLABS-ON-GRADE SHALL CONFORM TO A 28-DAY STRENGTH OF $f_c = 2500$ PSI, SHALL CONTAIN NOT LESS THAN 5-1/2 SACKS OF CEMENT PER CUBIC YARD, AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 5" OR LESS. CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE A 28-DAY STRENGTH OF $f_c = 3000$ psi. THE MINIMUM AMOUNTS OF CEMENT AND MAXIMUM AMOUNTS OF WATER MAY BE CHANGED IF A CONCRETE DESIGN MIX IS SUBMITTED TO THE ENGINEER AND THE BUILDING OFFICIAL FOR APPROVAL TWO WEEKS PRIOR TO PLACEMENT OF CONCRETE. THE CONCRETE PERFORMANCE MIX SHALL INCLUDE THE AMOUNTS OF CEMENT, FINE AND COARSE AGGREGATES, WATER AND ADMIXTURES AS WELL AS THE WATER-CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTITANTING STRENGTH DATA IN ACCORDANCE WITH ACI 318, SECTION 5.3. CONTRACTOR MAINTAINS RESPONSIBILITY FOR SPECIFIED PERFORMANCE OF CONCRETE PRODUCTS. ALL CONCRETE EXPOSED TO FREEZING TEMPERATURES WHILE CURING AND ALL CONCRETE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO IBC SECTION 1904.2. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE INTERNATIONAL BUILDING CODE. NO ADMIXTURES, OTHER THAN FOR AIR-ENTRAINMENT AS NOTED ABOVE, SHALL BE USED WITHOUT PRIOR REVIEW BY THE STRUCTURAL ENGINEER. ALL CONCRETE IN ELEVATED STRUCTURAL SLABS AND BEAMS SHALL BE POURED MONOLITHICALLY UNLESS SHOWN OTHERWISE OR APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.

3. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, $f_y = 60,000$ PSI. EXCEPTIONS: ANY BARS SPECIFICALLY NOTED ON THE DRAWINGS AS GRADE 40, $f_y = 40,000$ PSI. WELDED WIRE FABRIC: ASTM A82 AND ASTM A185, SPLICE WITH AT LEAST ONE FULL MESH. PLACE AT MID-DEPTH, OR SLIGHTLY ABOVE, OF SLAB. MATERIAL TO BE SUPPLIED IN FLAT SHEETS.

4. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH ACI 315-02. LAP ALL CONTINUOUS REINFORCEMENT PER NOTE D.5. PROVIDE CORNER BARS AT ALL WALL INTERSECTIONS. LAP CORNER BARS PER NOTE D.5. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.

5. REINFORCING STEEL LAPS AND EMBEDMENT SHALL BE AS NOTED BELOW, UNLESS NOTED OTHERWISE:

- DEVELOPMENT LENGTH	48 BAR DIAM.
- DEVELOPMENT LENGTH, top bar	64 BAR DIAM.
- LAP SPLICE LENGTH	64 BAR DIAM.
- LAP SPLICE LENGTH, top bar	80 BAR DIAM.

*TOP BARS ARE HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12" OF CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.

ALL HOOKS SHALL BE "STANDARD" IN ACCORDANCE WITH ACI 318. REINFORCING SHALL NOT BE TACK WELDED.

6. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

- FOOTING AND OTHER UNFORMED SURFACE, EARTH FACE	3"
- FORMED SURFACE EXPOSED TO EARTH (i.e. WALL BELOW GROUND) OR WEATHER	2"
- SLAB AND WALL (INTERIOR FACE)	1-1/2"
- CONCRETE NOT EXPOSED TO WEATHER OR EARTH	3/4"
- PRIMARY REINFORCEMENT, TIES, STIRRUP, SPIRALS	1-1/2"

7. CONCRETE WALL REINFORCING - PROVIDE THE FOLLOWING UNLESS DETAILED OTHERWISE:

- 6" WALLS #4 @ 16" HORIZ. #4 @ 18" VERTICAL 1 CURTAIN @ CENTER
- 8" WALLS #5 @ 18" HORIZ. #5 @ 18" VERTICAL 1 CURTAIN @ CENTER

8. EPOXY GROUTED ITEMS SPECIFIED ON THE DRAWINGS SHALL BE GROUTED WITH SIMPSON SET ADHESIVE BY SIMPSON STRONG TIE, PER ER-5729, FOLLOWING MANUFACTURER'S INSTALLATION INSTRUCTIONS.

(THIS IS A COMPREHENSIVE LIST OF ABBREVIATIONS, SOME OF WHICH MAY NOT APPEAR ON THESE DRAWINGS.)

AB ANCHOR BOLT	CL CENTERLINE	(E) EXISTING	GL GLUE-LAMINATED
ACI AMERICAN CONCRETE INSTITUTE	CLR CLEAR	EA EACH	GWGB GYPSUM WALL BOARD
ADDL ADDITIONAL	CMU CONCRETE MASONRY UNIT	EF EACH FACE	GYP GYPSUM
ADJ ADJACENT	COL COLUMN	ELC ELECTRICAL	HDR HEADER
AFF ABOVE FINISHED FLOOR	CONC CONCRETE	ELEC ELECTRICAL	HNG HANGER
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION	CONN CONNECTION, CONNECT	ELEV ELEVATOR	HORIZ HORIZONTAL
ALT ALTERNATE	CONSTR CONSTRUCTION	EMB EMBED, EMBEDDED, EMBEDMENT	HP HP SHAPE
ANSI AMERICAN NATIONAL STANDARDS INSTITUTE	CONT CONTINUOUS	ENR ENGINEER	HS HIGH STRENGTH
APA AMERICAN PLYWOOD ASSOCIATION	CONTR CONTRACTOR	EQ EQUAL	HT HEIGHT
APPROX APPROXIMATE, APPROXIMATELY	COORD COORDINATE	EQUI EQUIPMENT	ID INSIDE DIAMETER
ARCH ARCHITECT, ARCHITECTURAL	CP COMPLETE PENETRATION	ES EACH SIDE	IF INSIDE FACE
ASSY ASSY	CSK COUNTERSINK; COUNTERSUNK	EW EACH WAY	IN INCH
ASTM AMERICAN SOCIETY FOR TESTING & MATERIALS	CTR CENTER	EXP EXPANSION; EXPOSED	INCL INCLUDE; INCLUDING; INCLUSIVE
AWS AMERICAN WELDING SOCIETY	CU FT CUBIC FOOT	EXP JT EXPANSION JOINT	INFO INFORMATION
	CU IN CUBIC INCH	EXT EXTERIOR	INT INTERIOR
	CY CUBIC YARD	FD FLOOR DRAIN	(N) NEW
BD BLDG BUILDING	FDN FOUNDATION	FF FAR FACE, FINISHED FLOOR	N NORTH
BLKG BLOCKING	d PENNY (NAILS)	FLR FLOOR; FLOOR LINE	NF NEAR FACE
BM BM	DBL DOUBLE	FLG FLANGE	NFPA NATIONAL FOREST PRODUCTS ASSOC
BMU BRICK MASONRY UNIT(S)	DEPT DEPARTMENT	FOM FLOOR; FLOOR LINE	NIC NOT IN CONTRACT
BOF BOTTOM OF SLAB	DET DETAIL	FOC FACE OF CONCRETE	NOM NOMINAL
BOS BOS	DIA DIAMETER (SEE SYMBOLS)	FOM FACE OF MASONRY	NS NEAR SIDE
BOT BOTTOM	DIAG DIAGONAL	FOS FACE OF STUD	NTS NOT TO SCALE
BRG BEARING	DIAPH DIAPHRAGM	FS FULL SIZE; FAR SIDE	oc ON CENTER
BEAM BEAM	DICA DRILLED-IN CONCRETE ANCHOR	FT FEET; FOOT	OD OUTSIDE DIAMETER
C STANDARD CHANNEL	DIM DIMENSION	FTG FOOTING	OH OUTSIDE FACE
CG CENTER OF GRAVITY	DN DOWN	GA GAUGE	OPNG OPENING
COS CENTER OF GRAVITY OF STRANDS	DO DITTO	GALV GALVANIZED	
CIP CAST-IN-PLACE	DWG DRAWING		
CJ CONSTRUCTION JOINT/CONTROL JOINT	DWL DOWELS		

E. CARPENTRY

1. GLUED LAMINATED MEMBERS SHALL BE FABRICATED IN CONFORMANCE WITH ANSI STANDARD A190.1. EACH MEMBER SHALL BEAR AN AITC OR APA EWS IDENTIFICATION MARK AND SHALL BE ACCOMPANIED BY AN AITC OR APA EWS CERTIFICATE OF PERFORMANCE. ALL SIMPLE SPAN BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4, Fb = 2,400 PSI, Fv = 240 PSI. ALL CANTILEVERED BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V8, Fb = 2,400 PSI, Fv = 240 PSI. CAMBER ALL GLULAM BEAMS TO 2,000' RADIUS, UNLESS SHOWN OTHERWISE ON THE PLANS.

2. FRAMING LUMBER SHALL BE GRADED AND MARKED IN CONFORMANCE WITH WCLIB STANDARD GRADING RULES FOR WEST COAST LUMBER, LATEST EDITION. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

MEMBER	SIZE	SPECIES GRADE	MIN. BASIC DESIGN STRESS
- JOISTS AND RAFTERS	2x, 3x	DF#2	Fb = 875 PSI
	4x	DF#1	Fb = 1000 PSI
- BEAMS AND STRINGERS	6x/LARGER	DF#1	Fb = 1350 PSI
- POSTS AND TIMBERS	6x/LARGER	DF#1	Fb = 1000 PSI
- TOP AND BOTTOM PLATE @			
- SHEAR AND BEARING WALLS	2x, 3x	DF#1	Fb = 1000 PSI
- STUDS, PLATES & MISC. LIGHT FRAMING	ALL SIZES	DF#2	Fb = 875 PSI

ALL LUMBER WITH A LEAST DIMENSION OF 2" (NOMINAL) SHALL BE STAMPED SURFACE-DRY AND SHALL HAVE A MOISTURE CONTENT WHEN SURFACED AND WHEN INSTALLED OF NOT MORE THAN 19 PERCENT. LUMBER WITH A LEAST DIMENSION OF 4" (NOMINAL) OR GREATER SHALL BE STAMPED SURFACE-GREEN AND AIR-DRIED TO A MOISTURE CONTENT OF NOT MORE THAN 19 PERCENT PRIOR TO ITS USE IN FRAMING THE STRUCTURE.

3. MANUFACTURED LUMBER SHALL BE AS MANUFACTURED BY TRUS JOIST MacMILLAN OR APPROVED EQUAL. REQUESTS FOR APPROVAL AS EQUAL WILL REQUIRE SUBMITTAL OF ICC-ES EVALUATION REPORT EQUIVALENT TO ESR-1387 FOR PARALLEL STRAND LUMBER (PSL), LAMINATED STRAND LUMBER (LSL), AND LAMINATED VENEER LUMBER (LVL). THE MINIMUM ALLOWABLE DESIGN VALUES ARE AS FOLLOWS:

- PSL (2.0E)	Fb = 2,900 PSI; Fv = 290 PSI; E = 2,200,000 PSI
- LSL (1.55E)	Fb = 2,325 PSI; Fv = 310 PSI; E = 1,550,000 PSI
- LVL (2.0E)	Fb = 2,600 PSI; Fv = 285 PSI; E = 2,000,000 PSI

4. SHEATHING SHALL BE APA PERFORMANCE RATED PANELS PER APA "PLYWOOD DESIGN SPECIFICATION", INCLUDING APPLICABLE SUPPLEMENTS, UNLESS NOTED OTHERWISE. PLYWOOD PANELS SHALL BE GRADE CD AND ALSO CONFORM TO DOC PS-1 & PS-2. ALL PANELS SHALL BE IDENTIFIED AS EXPOSURE 1 UNLESS NOTED OTHERWISE. PANEL RATING TO BE AS FOLLOWS UNLESS NOTED OTHERWISE:

- ROOF 19/32" THICK, 32/16, (OR 5/8" THICK), 32/16
- WALLS 15/32" THICK, 32/16, (OR 1/2" THICK), 2/0
- FLOORS 23/32" (OR 3/4") THICK, TONGUE & GROOVE, 48/24

UNLESS NOTED OTHERWISE ON THE PLANS, ROOF AND FLOOR SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED WITH 10d NAILS @ 6"oc TO FRAMED PANEL EDGES AND OVER STUD WALLS (SHOWN ON PLANS AND @ 12"oc (10"oc AT FLOORS) TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED SHEATHING EDGE CLIPS @ 16"oc AT UNBLOCKED ROOF SHEATHING EDGES. ALL FLOOR SHEATHING EDGES SHALL HAVE APPROVED TONGUE-AND-GROOVE JOINTS AND SHALL BE SUPPORTED WITH SOLID BLOCKING. TOENAIL BLOCKING TO SUPPORTS WITH 16d NAILS, UNLESS NOTED OTHERWISE.

UNLESS NOTED OTHERWISE ON THE PLANS, WALL SHEATHING MAY BE LAID UP HORIZONTALLY OR VERTICALLY. UNSUPPORTED EDGES SHALL BE BLOCKED AND ALL EDGES SHALL BE NAILED WITH 8d @ 6"oc NAIL WITH 8d @ 12"oc AT INTERMEDIATE SUPPORTS. NAIL SHEAR WALL SHEATHING TO ALL HOLD-DOWN STUDS USING EDGE NAIL SPACING WHEN HOLD-DOWN STUD DOES NOT OCCUR AT PANEL EDGES.

SHEATHING NAILS SHALL BE DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING.

5. ALL WOOD PLATES IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH AN APPROVED PRESERVATIVE. PROVIDE TWO LAYERS OF ASPHALT IMPREGNATED BUILDING PAPER BETWEEN UNTREATED LEDGERS, BLOCKING, ETC., AND CONCRETE OR MASONRY. ALL METAL CONNECTORS TO PRESSURE TREATED LUMBER SHALL BE HOT DIP GALVANIZED, INCLUDING WASHERS, NAILS, SCREWS, AND SIMPSON STRONG-TIE HANGERS, STRAPS, AND PLATES, AND BOLTS LESS THAN 1/2" DIAMETER.

6. NOTATIONS ON DRAWINGS RELATING TO FRAMING CLIPS, JOIST HANGERS AND OTHER CONNECTING DEVICES REFER TO CATALOG NUMBERS OF CONNECTORS MANUFACTURED BY THE SIMPSON STRONG-TIE COMPANY, SAN LEANDRO, CALIFORNIA. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICC APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. SUBMIT MANUFACTURER'S CATALOG AND ICC REPORTS TO ARCHITECT AND ENGINEER FOR REVIEW WHEN REQUESTING SUBSTITUTIONS. ALL SPECIFIED FASTENERS MUST BE USED AND PROPER INSTALLATION PROCEDURES MUST BE OBSERVED IN ORDER TO OBTAIN ICC APPROVED LOAD CAPACITIES. VERIFY THAT THE DIMENSIONS OF THE SUPPORTING MEMBER ARE SUFFICIENT TO RECEIVE THE SPECIFIED FASTENERS.

7. STRUCTURAL CONNECTORS

ALL STRUCTURAL CONNECTORS TO BE BY SIMPSON STRONG TIE OR EQUAL. USE ZMAX/HDG HOT DIPPED GALVANIZED OR STAINLESS-STEEL CONNECTORS AS A MINIMUM. USE FASTENERS GALVANIZED PER ASTM A153. ALL PRESSURE TREATED LUMBER USED SHALL BE COMPATIBLE WITH ZMAX GALV. CONNECTORS, RE: SIMPSON STRONG-TIE CORROSION INFORMATION.

8. WOOD TRUSSES

TRUSSES ARE TO BE METAL PLATED CONNECTED WOOD TRUSSES FABRICATED IN ACCORDANCE WITH THE IBC.

TRUSS FABRICATOR TO PROVIDE ALL REQUIRED BRIDGING AND BLOCKING, BOTH FOR ERECTION AND PERMANENT LOADING. SHOP DRAWINGS STAMPED BY A WASHINGTON STATE LICENSED PROFESSIONAL ENGINEER SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION. DESIGN CRITERIA SHALL MEET OR EXCEED THE FOLLOWING:

- ROOF TRUSSES	TOP CHORD 25 PSF LIVE LOAD, 23 PSF DEAD LOAD BOTTOM CHORD 5 PSF DEAD LOAD
- DEFLECTION LIMIT	TOTAL LOAD L/240, LIVE LOAD L/360
- OTHER LOADS SPECIFIED ON DRAWINGS	

TRUSS SUPPLIERS NOTE: THE TRUSS CONFIGURATIONS, INCLUDING DEPTHS AND MEMBER SIZES, SHOWN ON THE DRAWINGS INDICATE THE DESIRED TRUSS CONFIGURATIONS AND ARE TO BE COMPLIED WITH WHERE POSSIBLE. IF A TRUSS MANUFACTURER IS UNABLE TO MEET THE LOAD REQUIREMENTS SPECIFIED WITH THE TRUSS CONFIGURATION INDICATED, HE IS TO SUBMIT WRITTEN NOTICE TO THAT EFFECT TO THE ARCHITECT. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND TRUSS MANUFACTURER TO VERIFY THE WEIGHT AND LOCATIONS OF ALL MECHANICAL EQUIPMENT PRIOR TO SUBMITTING SHOP DRAWINGS TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW. THE DESIGN LOADS LISTED ABOVE SHALL BE APPLIED SIMULTANEOUSLY.

9. WOOD FRAMING NOTES - THE FOLLOWING APPLY UNLESS OTHERWISE SHOWN ON THE PLANS:

ALL WOOD FRAMING DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE INTERNATIONAL BUILDING CODE. MINIMUM NAILING, UNLESS OTHERWISE NOTED, SHALL CONFORM TO TABLE 2304.9.1 OF THE INTERNATIONAL BUILDING CODE. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS.

WALL FRAMING: ALL STUD WALLS SHOWN AND NOT OTHERWISE NOTED SHALL BE 2x4 STUDS @ 16"oc AT INTERIOR WALLS AND 2x6 STUDS @ 16" AT EXTERIOR WALLS. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS AND AT EACH SIDE OF ALL OPENINGS AND UNDER THE ENDS OF ALL BEAMS. UNLESS NOTED OTHERWISE A (2) 2x8 HEADER SHALL BE PROVIDED OVER ALL OPENINGS IN 2x4 STUD WALLS AND A (3) 2x8 HEADER OVER ALL OPENINGS IN 2x6 WALLS. SOLID BLOCKING FOR WOOD COLUMNS SHALL BE PROVIDED THROUGH FLOORS TO SUPPORT BELOW. PROVIDE CONTINUOUS SOLID BLOCKING AT MID-HEIGHT OF ALL STUD WALLS OVER 8' IN HEIGHT. ALL STUD WALLS SHOWN ON STRUCTURAL DRAWINGS SHALL HAVE THEIR LOWER PLATES ATTACHED TO WOOD FRAMING BELOW WITH 16d NAILS AT 12"oc STAGGERED OR BOLTED TO CONCRETE WITH 5/8" DIAMETER ANCHOR BOLTS AT 4'-0"oc, EMBEDDED 7". UNO REFER TO THE STRUCTURAL PLANS AND SHEAR WALL SCHEDULE FOR REQUIRED SHEATHING AND NAILING.

FLOOR AND ROOF FRAMING: PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS AND AROUND ALL OPENINGS IN FLOORS OR ROOFS UNLESS OTHERWISE NOTED. PROVIDE BRIDGING @ 8'-0"oc AND SOLID BLOCKING AT ALL BEARING POINTS. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. TOENAIL JOISTS TO BEARING SUPPORTS WITH 16d NAILS, UNLESS NOTED OTHERWISE. ATTACH JOISTS TO FLUSH HEADERS OR BEAMS WITH SIMPSON "J" SERIES METAL JOIST HANGERS TO SUIT JOIST SIZE. ALL DOUBLE JOISTS, BEAMS, AND SLOPED AND/OR SKEWED JOISTS SHALL BE CONNECTED TO FLUSH MEMBERS WITH HU-SERIES JOIST HANGERS UNLESS NOTED OTHERWISE. SKEW AND SLOPE ALL CONNECTORS AS REQUIRED. FACE-NAIL ALL MULTI-JOIST BEAMS TOGETHER WITH 16d SPIKES @ 24"oc STAGGERED.

NAILS SHALL BE MANUFACTURED IN CANADA OR THE UNITED STATES IN SIZES AND TYPES AS FOLLOWS, UNLESS NOTED OTHERWISE:

PNEUMATIC NAILING - PLAIN SHANK, COATED OR GALVANIZED

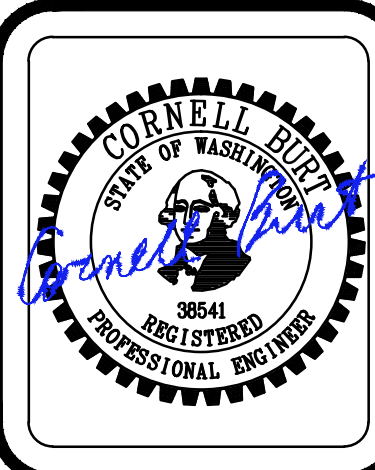
- 8d .131 DIAMETER x 2-1/2" MINIMUM LENGTH
- 10d .131 DIAMETER x 3" MINIMUM LENGTH
- 16d .131 DIAMETER x 3-1/2" MINIMUM LENGTH

HAND NAILING - SINKERS, COATED

- 8d 11-1/2 GAGE x 2-3/8"
- 10d 11 GAGE x 2-7/8"
- 16d 9 GAGE x 3-1/4"

F. SPECIAL CONDITIONS

CONTRACTOR TO COORDINATE ALL TRADES AND VERIFY DIMENSIONS IN THE FIELD. OBTAIN OWNERS APPROVAL PRIOR TO ALL FIELD CHANGES. SEE ARCHITECTURAL DRAWINGS FOR ALL FLOOR AND WALL OPENING DIMENSIONS AND LOCATIONS, FLOOR AND WALL FINISHES, ETC.



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GENERAL NOTES

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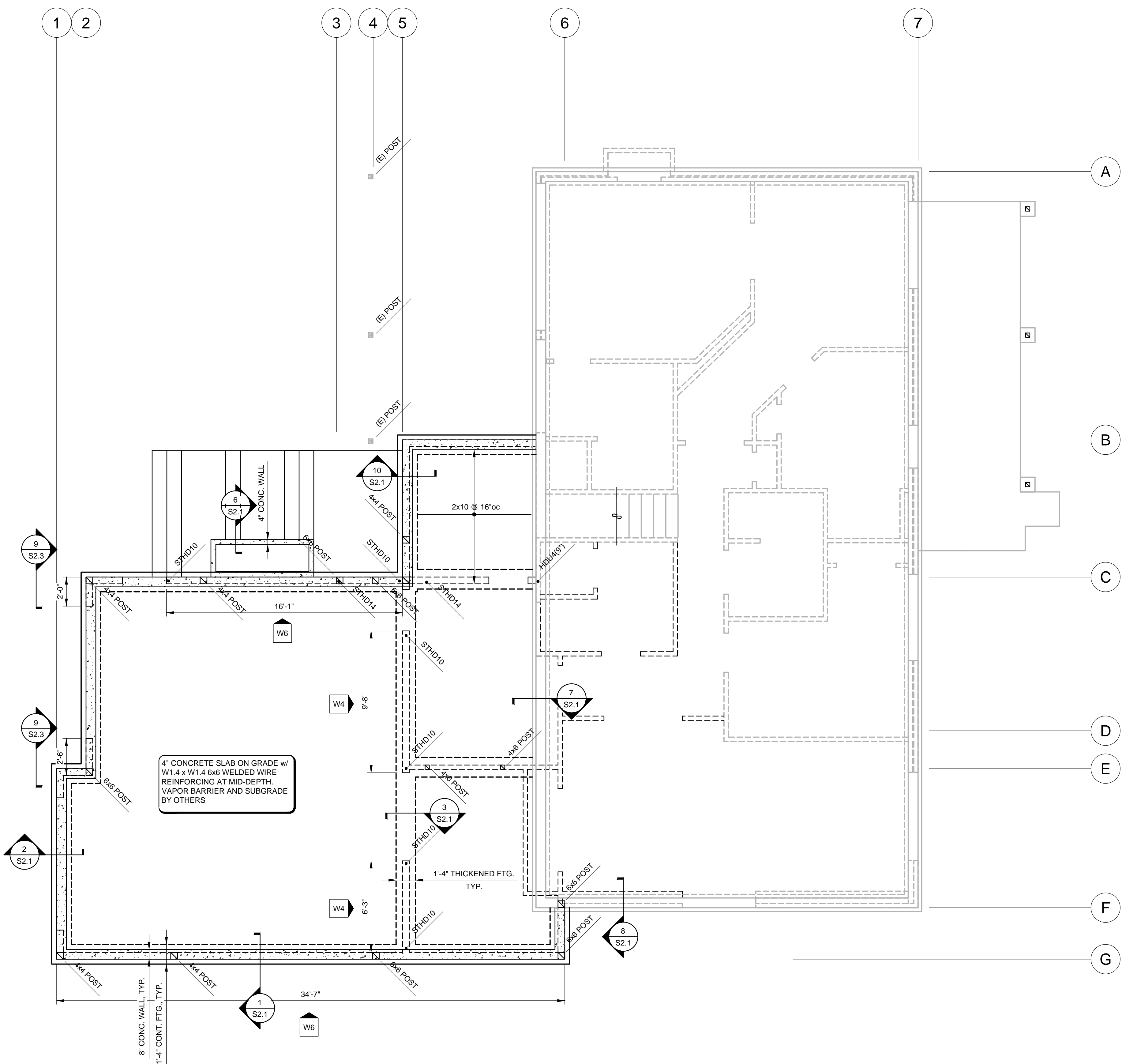
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FOUNDATION AND LOWER
 FLOOR PLAN



LEGEND

- CONCRETE WALL
- INTERIOR STUD WALL BELOW;
EXTERIOR BEARING STUD WALL BELOW
- STUD WALL ABOVE
- COLUMN CONTINUOUS
- COLUMN BELOW FRAMING LEVEL
- COLUMN ABOVE FRAMING LEVEL
- SHEAR WALL HOLDDOWN AT
FRAMING LEVEL
- SHEAR WALL ABOVE
FRAMING LEVEL
- (2) SIMPSON CS16 x 24", U.N.O.

FOOTING SCHEDULE

MARK	SIZE	REINFORCEMENT
F1.5	1'-6" x 1'-6" x 10"	3- #4 EA. WAY BOT.
F2.0	2'-0" x 2'-0" x 10"	3- #4 EA. WAY BOT.
F2.5	2'-6" x 2'-6" x 11"	4- #4 EA. WAY BOT.
F3.0	3'-0" x 3'-0" x 11"	5- #5 EA. WAY BOT.
F3.5	3'-6" x 3'-6" x 11"	6- #5 EA. WAY BOT.
F4.0	4'-0" x 4'-0" x 12"	7- #5 EA. WAY BOT.

- NOTE:**
- SEE GENERAL NOTES FOR DESIGN BEARING CAPACITY
 - CENTER ALL FOOTING ON COLUMN OR WALL, TYP. U.N.O.
 - AT LOCATIONS WHERE FOOTINGS ARE SHOWN SHARING A COMMON BEARING AREA, CAST MONOLITHICALLY WITH INDIVIDUAL REINFORCING PER SCHEDULE AND OVERLAP AS REQUIRED.
 - FOOTING SCHEDULE IS PROVIDED FOR GENERAL INFORMATION. NOT ALL OF THE FOOTING SIZE IS REQUIRED. SEE FOUNDATION PLAN FOR FOOTING SIZE CALL-OUT

FOUNDATION AND LOWER FLOOR PLAN

- DO NOT SCALE DRAWINGS.
- VERIFY ALL DIMENSIONS IN FIELD. REFER TO ARCHITECTURAL PLAN FOR WALL LAYOUT.
- ALL POSTS AT THIS FRAMING LEVEL SHALL BE 4x4 U.N.O.
- TYPICAL EXTERIOR WALL SHALL BE FRAMED WITH 2x6 DF STUDS @ 16"oc. U.N.O. TYPICAL INTERIOR WALL SHALL BE FRAMED WITH 2x4 DF STUDS @ 16"oc U.N.O. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO WALL THICKNESS.
- TYPICAL EXTERIOR WALL HEADERS SHALL BE FRAMED WITH (2) PILES OF 2x10 DF#2. TYPICAL INTERIOR WALL HEADERS SHALL BE FRAMED WITH (2) PILES OF 2x8 DF#2. U.N.O.
- SLAB ON GRADE SHALL BE 4" THICK, UNLESS OTHERWISE NOTED. SLAB SHALL BE REINFORCED WITH 6x6 W1.4xW1.4 WELDED WIRE MESH. PREPARE SUBGRADE BY PLACING AND COMPACTING A MINIMUM 4" OF CLEANED, CRUSHED ROCK AS A CAPILLARY BREAK. SUBGRADE BELOW SLAB SHALL BE UNDISTURBED NATIVE SOIL OR COMPACTED FILL.
- FOOTINGS SHALL BE PLACED ON UNDISTURBED NATIVE SOIL OR STRUCTURAL FILL COMPACTED TO 95% MAXIMUM WET DENSITY PLACED IN MAX. 12" LIFTS.
- BOTTOM OF ALL FOOTINGS SHALL BE 18" MINIMUM BELOW LOWEST ADJACENT GRADE. U.N.O.
- TYPICAL EXTERIOR WALL TO BE DETAILED AS SHEAR WALL TYPE W6 PER SHEAR WALL SCHEDULE. U.N.O.
- SEE SHEAR WALL FOUNDATION HOLDOWN SCHEDULE FOR MINIMUM HOLDOWN EMBEDMENT DEPTH AND MINIMUM FOOTING SIZE AROUND HOLDOWN ANCHOR.

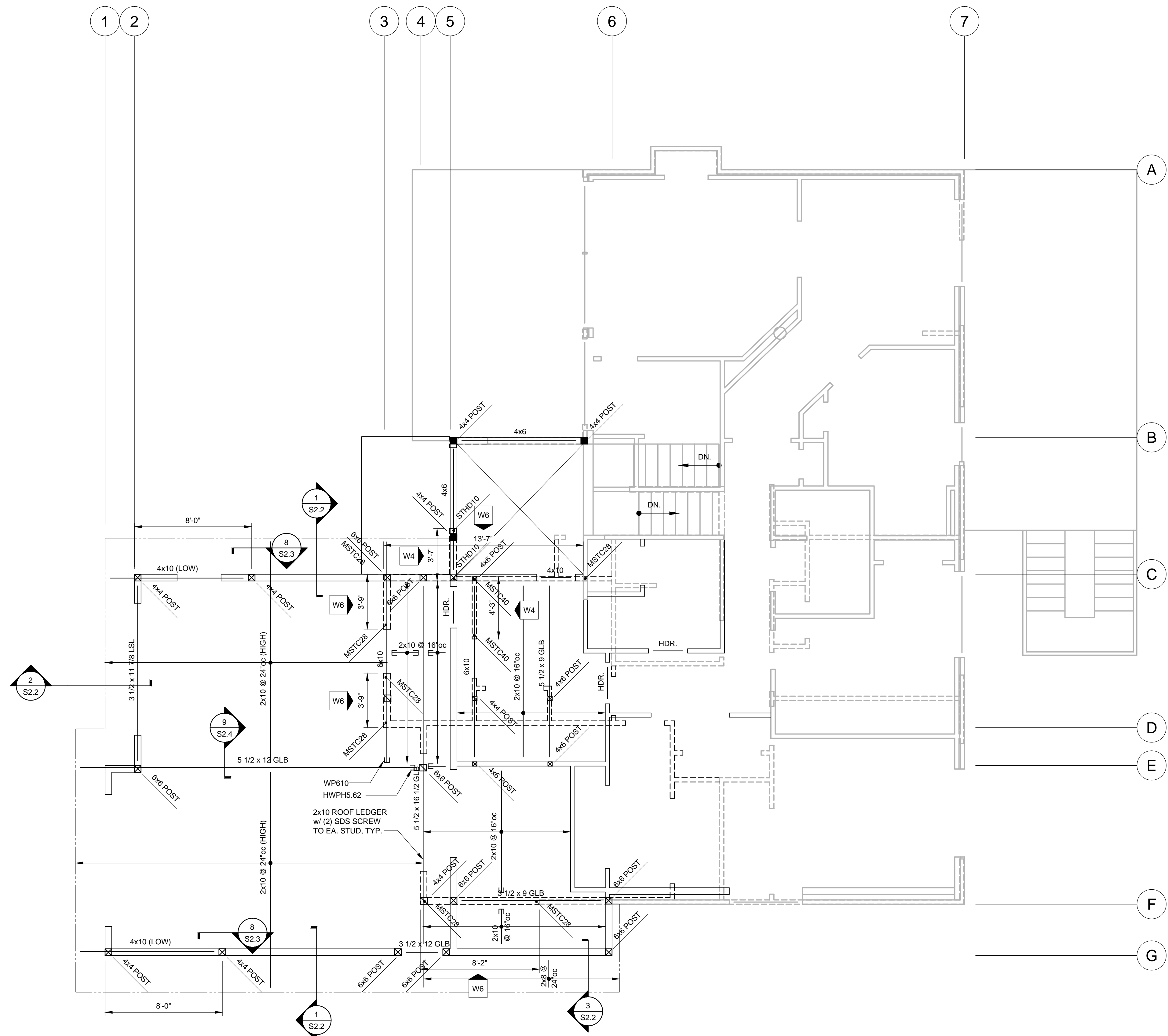
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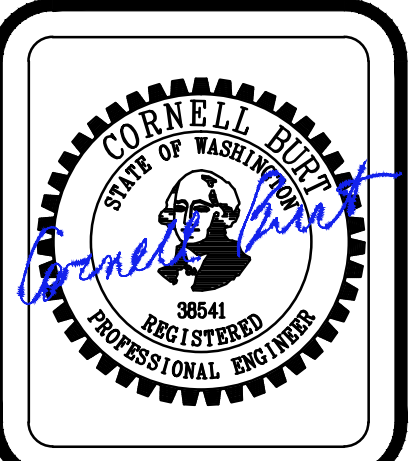
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MAIN FLOOR FRAMING PLAN 1/4" = 1'-0"

1. DO NOT SCALE DRAWINGS
2. VERIFY ALL DIMENSIONS IN FIELD, REFER TO ARCHITECTURAL PLAN FOR WALL LAYOUT.
3. TYPICAL FLOOR FRAMING CONSISTS OF 3/4" T&G PLYWOOD SHEATHING ON FLOOR JOISTS. NAIL ALL SUPPORTED PANEL EDGES WITH 10d NAILS @ 6"oc & ALL INTERMEDIATE SUPPORTS WITH 10d NAILS @ 12"oc, PROVIDE BLOCKING FOR ALL EDGES.
4. TYPICAL FLOOR JOISTS SHALL BE 11 7/8" TJI 110 OR BETTER UNLESS OTHERWISE NOTED. REFER TO PLAN FOR JOIST SPACING (16"oc IF NOT NOTED). PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS THAT EXTEND OVER MORE THAN HALF THE JOIST LENGTH.
5. ALL POSTS AT THIS FRAMING LEVEL SHALL BE 4x4 U.N.O.
6. BEAM AT THIS FRAMING LEVEL SHALL BE 3 1/8 x 10 1/2 GLB, U.N.O.
7. TYPICAL EXTERIOR WALL SHALL BE FRAMED WITH 2x6 DF STUDS @ 16"oc, U.N.O. TYPICAL INTERIOR WALL SHALL BE FRAMED WITH 2x4 DF STUDS @ 16"oc U.N.O. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO WALL THICKNESS.
8. TYPICAL EXTERIOR WALL HEADERS SHALL BE FRAMED WITH (2) PILES OF 2x10 DF#2. TYPICAL INTERIOR WALL HEADERS SHALL BE FRAMED WITH (2) PILES OF 2x8 DF#2, U.N.O.
9. TYPICAL EXTERIOR WALL TO BE DETAILED AS SHEAR WALL TYPE W6 PER SHEAR WALL SCHEDULE, U.N.O.



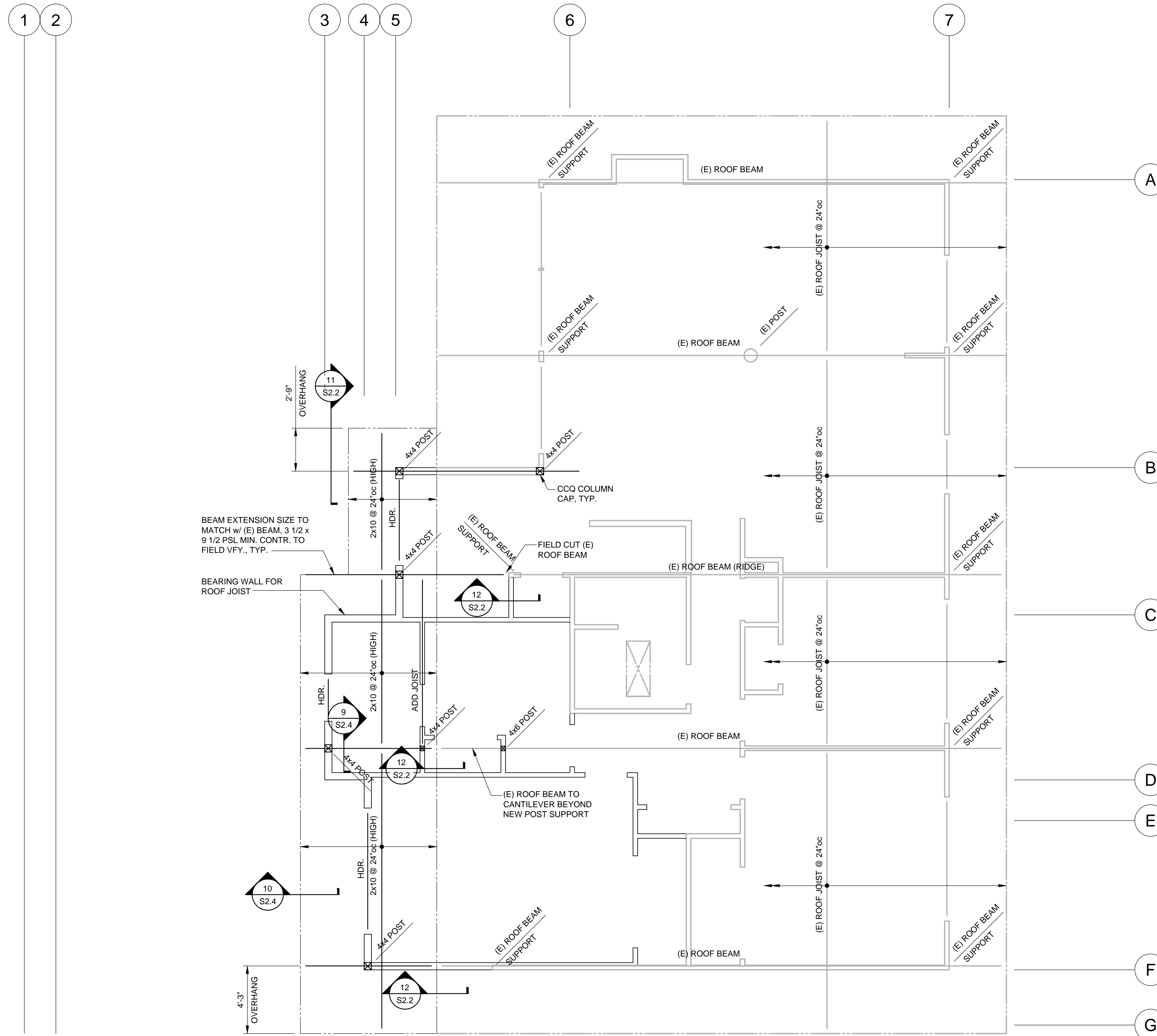
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MAIN FLOOR FRAMING PLAN

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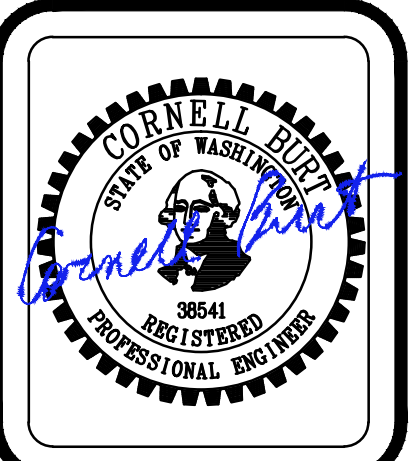
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ROOF FRAMING PLAN

1/4" = 1'-0"

1. DO NOT SCALE DRAWINGS
2. VERIFY ALL DIMENSIONS IN FIELD. REFER TO ARCHITECTURAL PLAN FOR WALL LAYOUT.
3. TYPICAL ROOF FRAMING CONSISTS OF 5/8" PLYWOOD ON ENGINEERED WOOD TRUSSES OR RAFTERS. NAIL ALL SUPPORTED PANEL EDGES WITH 10d NAILS @ 6"oc & ALL INTERMEDIATE SUPPORTS WITH 10d NAILS @ 12"oc
4. TYPICAL ROOF TRUSSES SHALL BE SPACED @ 24"oc. U.N.O. TRUSS SUPPLIER TO SUBMIT A PROPOSED LAYOUT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SEE GENERAL NOTES FOR MORE INFORMATION.
5. ALL POSTS AT THIS FRAMING LEVEL SHALL BE 4x4 U.N.O.
6. BEAM AT THIS FRAMING LEVEL SHALL BE 3 1/8 x 10 1/2 GLB, U.N.O.
7. TYPICAL EXTERIOR WALL SHALL BE FRAMED WITH 2x6 DF STUDS @ 16"oc. U.N.O. TYPICAL INTERIOR WALL SHALL BE FRAMED WITH 2x4 DF STUDS @ 16"oc U.N.O. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO WALL THICKNESS.
8. TYPICAL EXTERIOR WALL HEADERS SHALL BE FRAMED WITH (2) PILES OF 2x10 DF#2. TYPICAL INTERIOR WALL HEADERS SHALL BE FRAMED WITH (2) PILES OF 2x8 DF#2, U.N.O.
9. TYPICAL EXTERIOR WALL TO BE DETAILED AS SHEAR WALL TYPE W6 PER SHEAR WALL SCHEDULE, U.N.O.



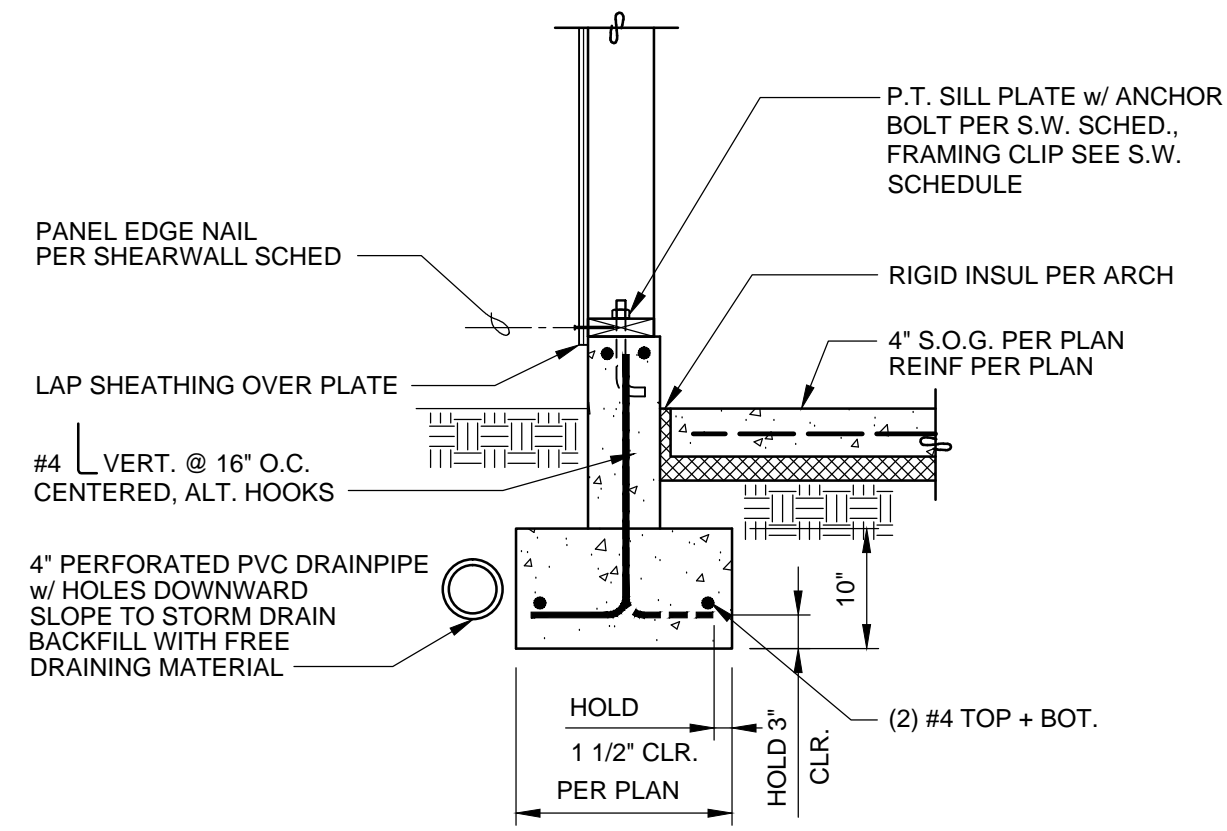
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ROOF FRAMING PLAN

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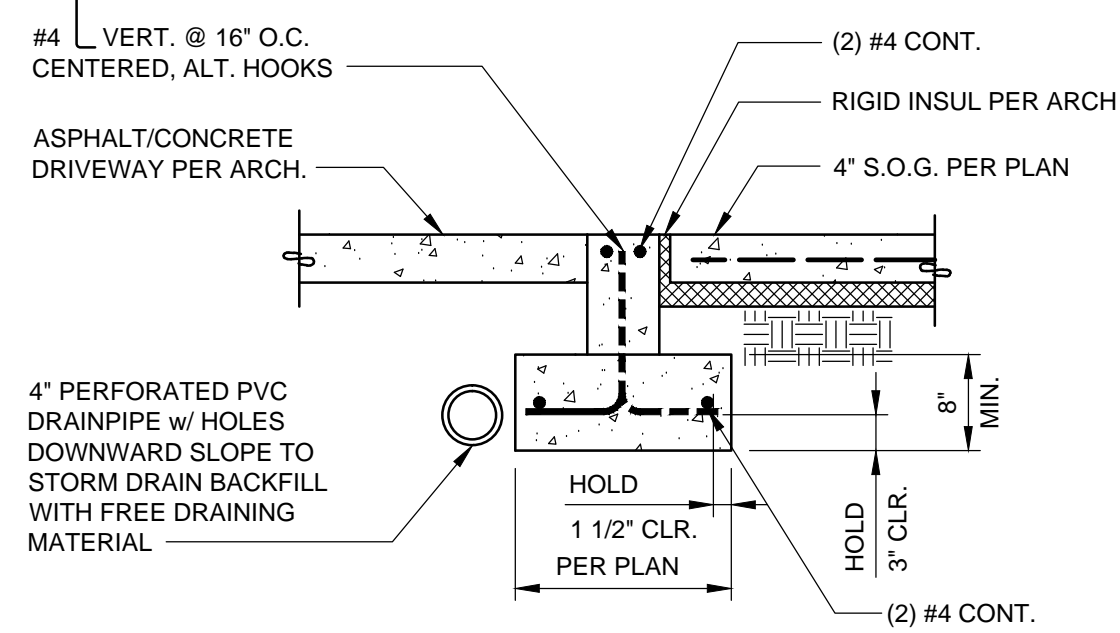
S1.3



TYPICAL S.W. FOOTING

1 SECTION

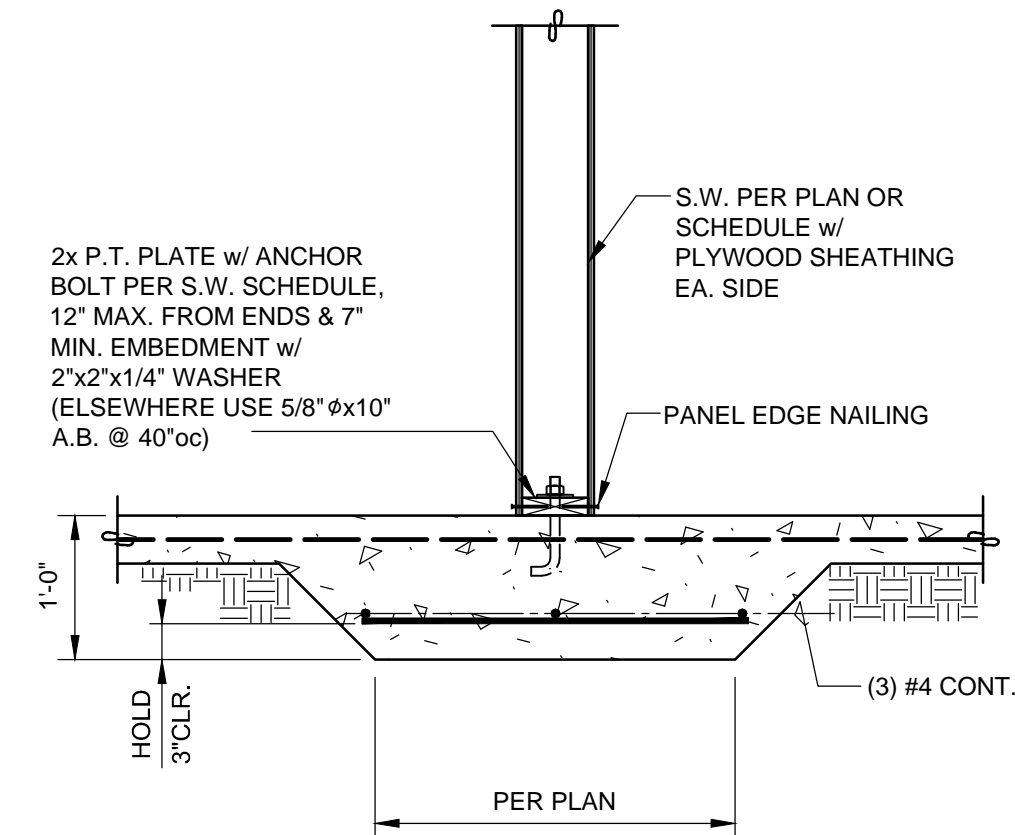
3/4" = 1'-0"



TYPICAL FOOTING AT GARAGE DOOR (S.O.G.)

2 SECTION

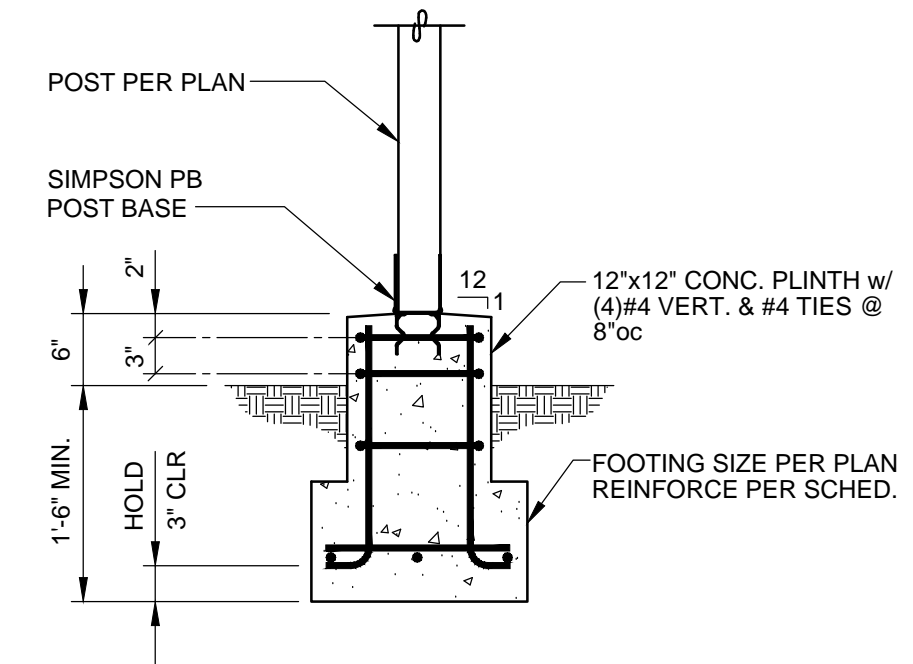
3/4" = 1'-0"



TYPICAL INTERIOR S.W. CONT. FOOTING (S.O.G.)

3 SECTION

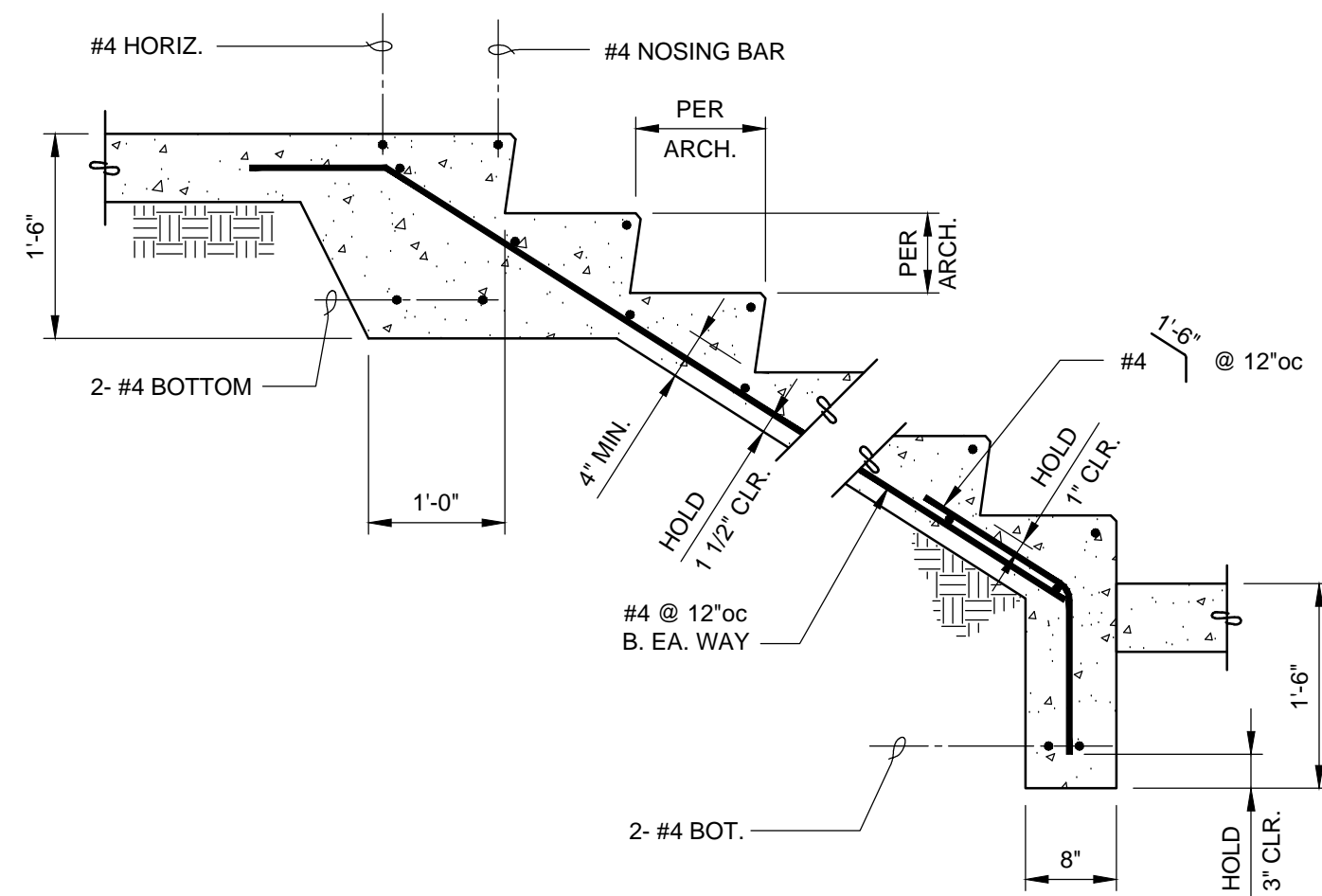
3/4" = 1'-0"



TYPICAL DECK POST FOOTING

4 SECTION

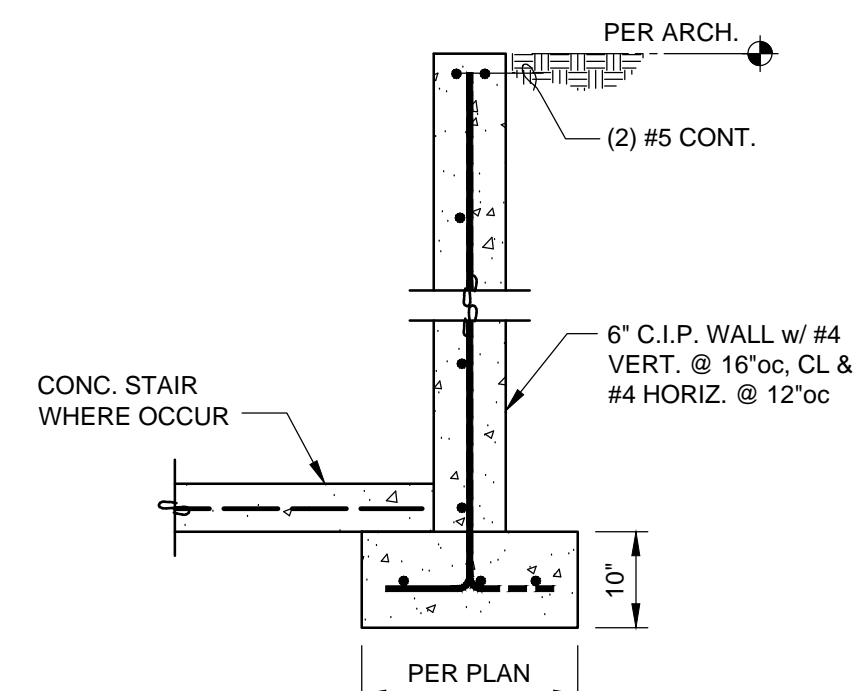
3/4" = 1'-0"



TYPICAL CONCRETE STAIR

5 SECTION

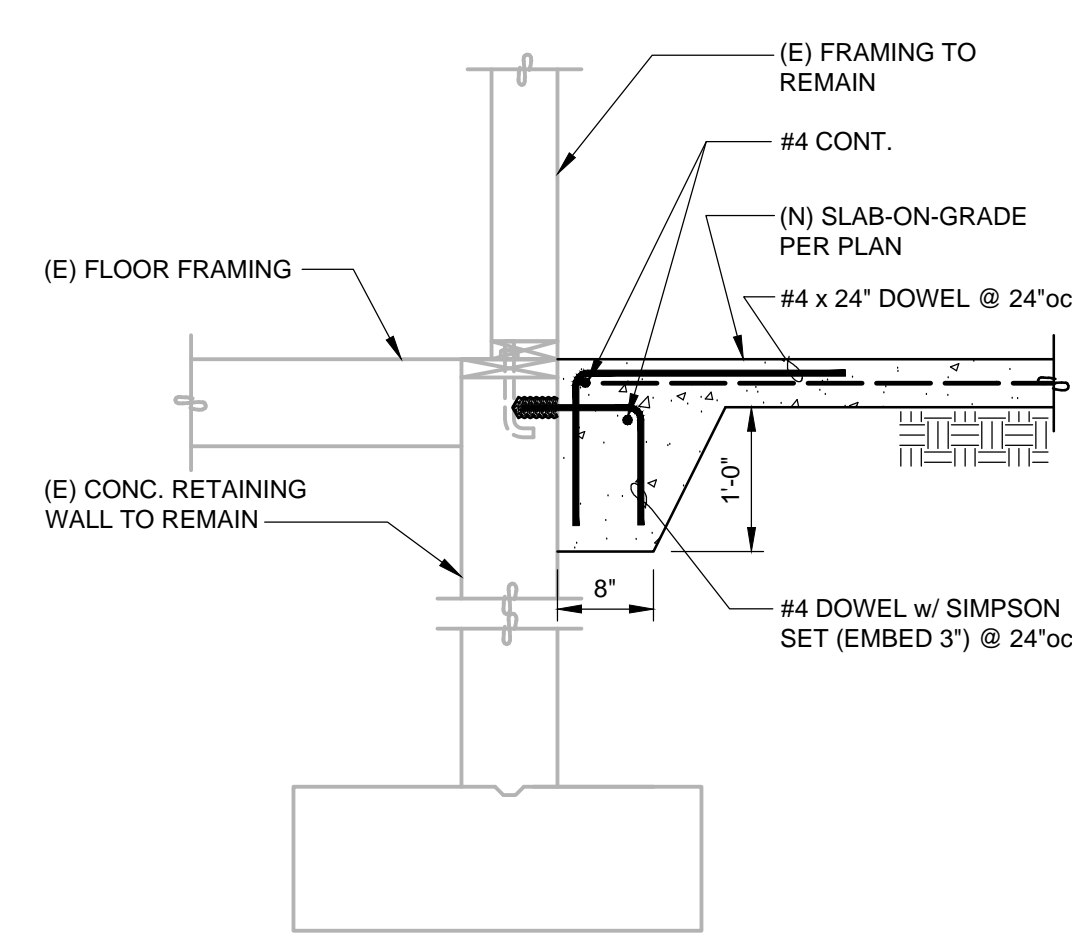
3/4" = 1'-0"



TYPICAL CONCRETE PLANTER

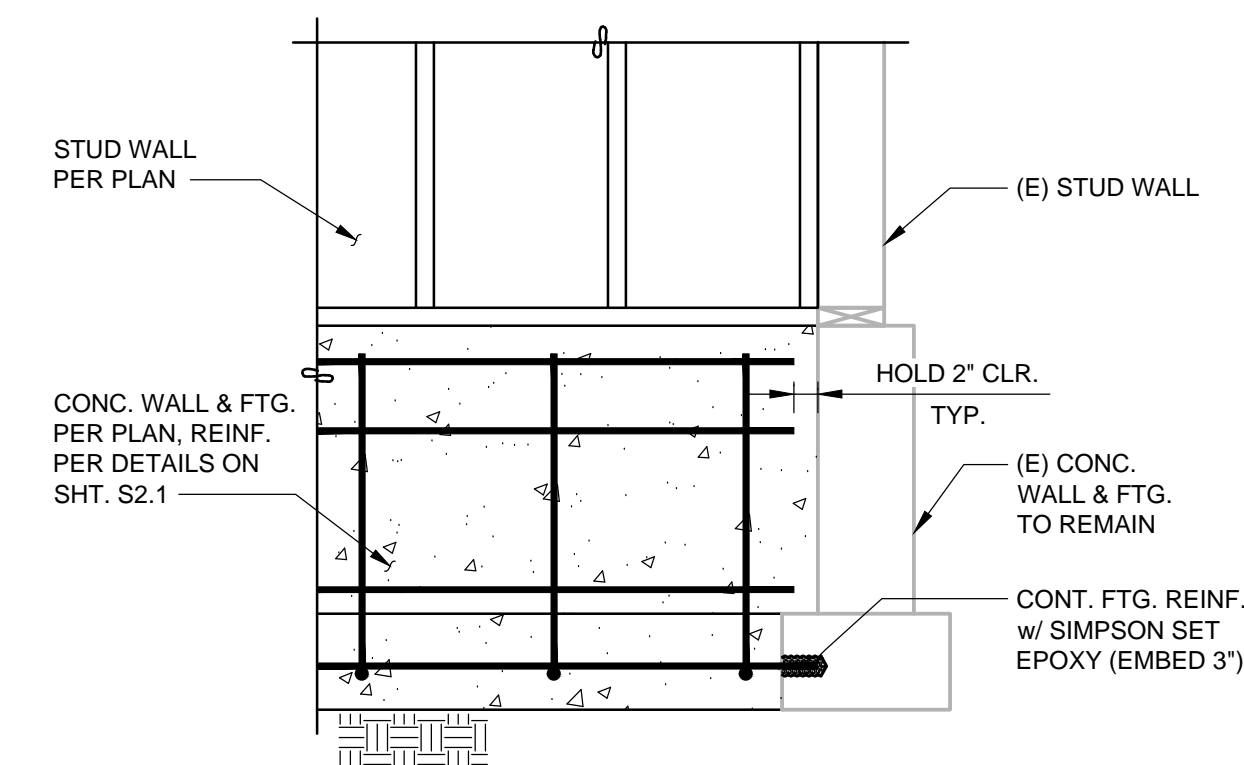
6 SECTION

3/4" = 1'-0"



7 SECTION

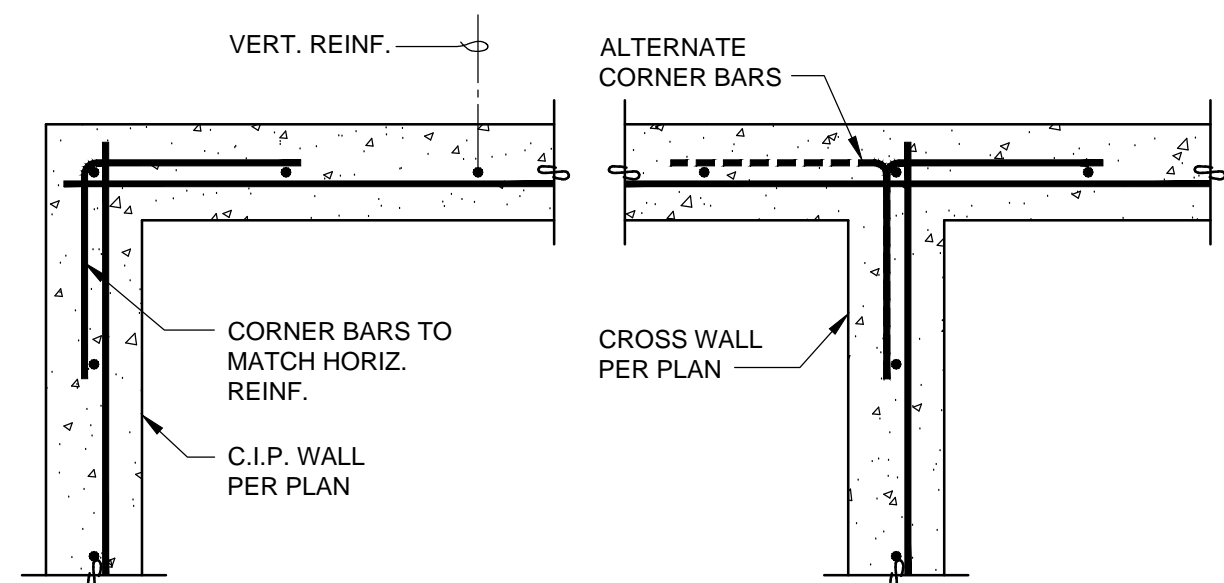
3/4" = 1'-0"



NEW WALL FOOTING TIE TO (E) FOOTING

8 SECTION

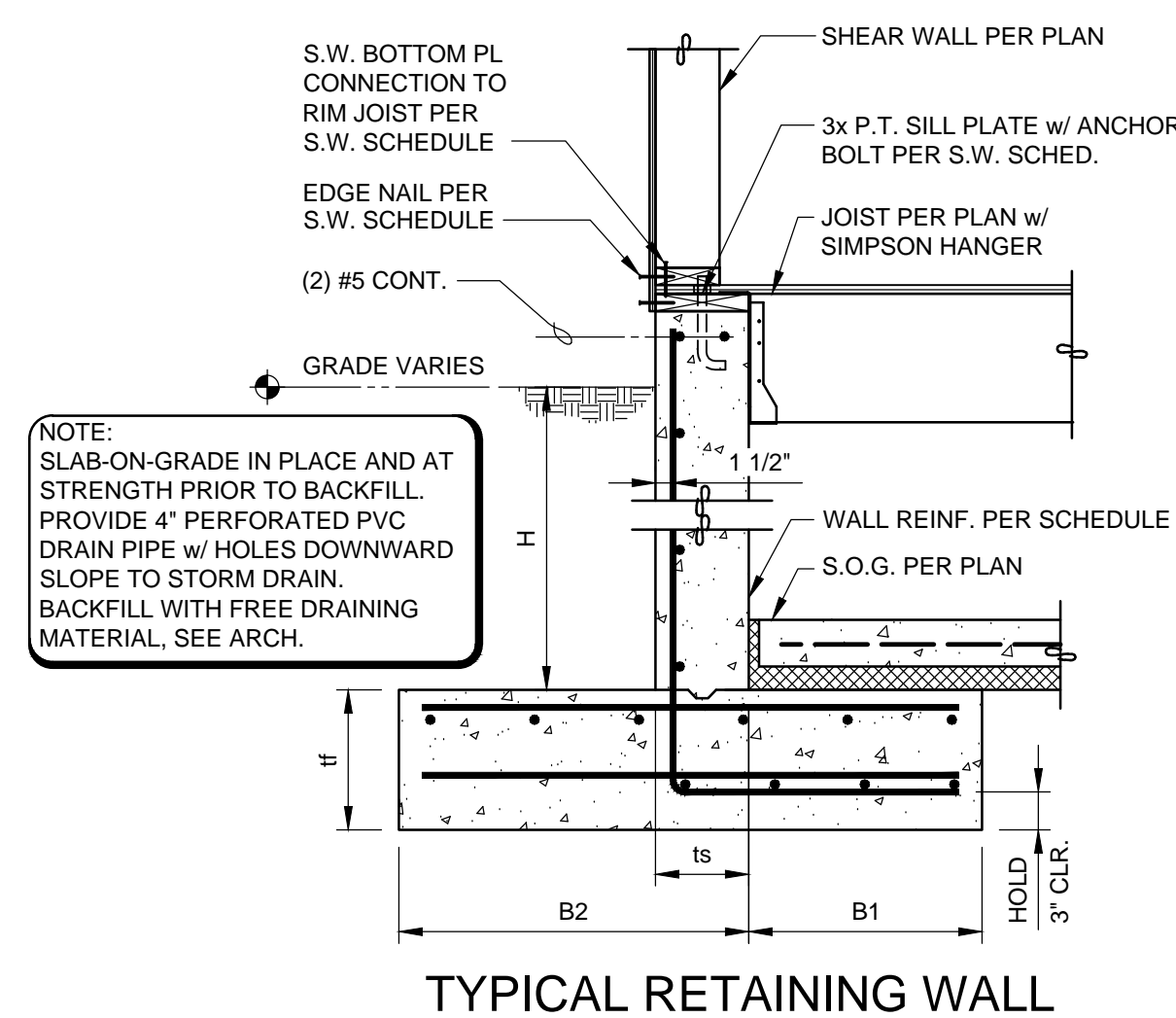
3/4" = 1'-0"



CORNER CONDITION AT C.I.P. WALL

9 SECTION

3/4" = 1'-0"

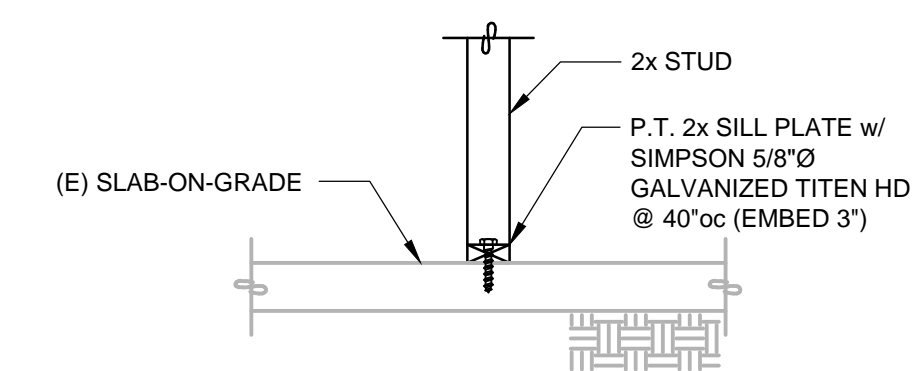


TYPICAL RETAINING WALL

10 SECTION

3/4" = 1'-0"

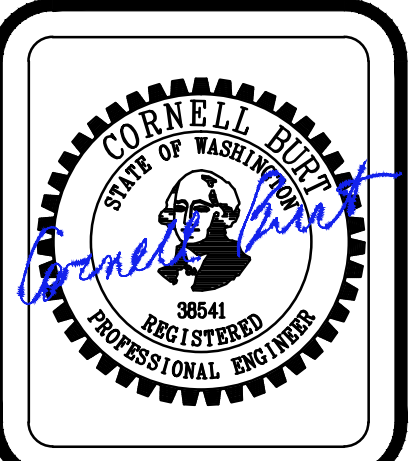
8" CANTILEVER RETAINING WALL SCHEDULE								
DIMENSIONS					STEM WALL REINF.		FOOTING REINF.	
H	ts	tf	B1	B2	VERT.	HORIZ.	TRANSVERSE	LONG.
4'-0"	8"	12"	1'-0"	1'-9"	#4 @ 10"oc	#4 @ 10"oc	#4 @ 10"oc TOP	(4)#4 TOP & (2)#4 BOT.
6'-0"	8"	12"	1'-6"	2'-6"	#4 @ 10"oc	#4 @ 10"oc	#4 @ 10"oc TOP	(5)#4 TOP & (3)#4 BOT.
8'-0"	8"	12"	2'-0"	3'-0"	#4 @ 8"oc	#4 @ 10"oc	#4 @ 10"oc T&B	(6)#4 TOP & (4)#4 BOT.
10'-0"	8"	14"	3'-6"	3'-6"	#5 @ 7"oc	#4 @ 10"oc	#4 @ 8"oc T&B	(8)#4 TOP & (6)#4 BOT.



TYPICAL NON-BEARING WALL ANCHORAGE

11 SECTION

3/4" = 1'-0"



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S2.1

1 SECTION

3/4" = 1'-0"

2 SECTION

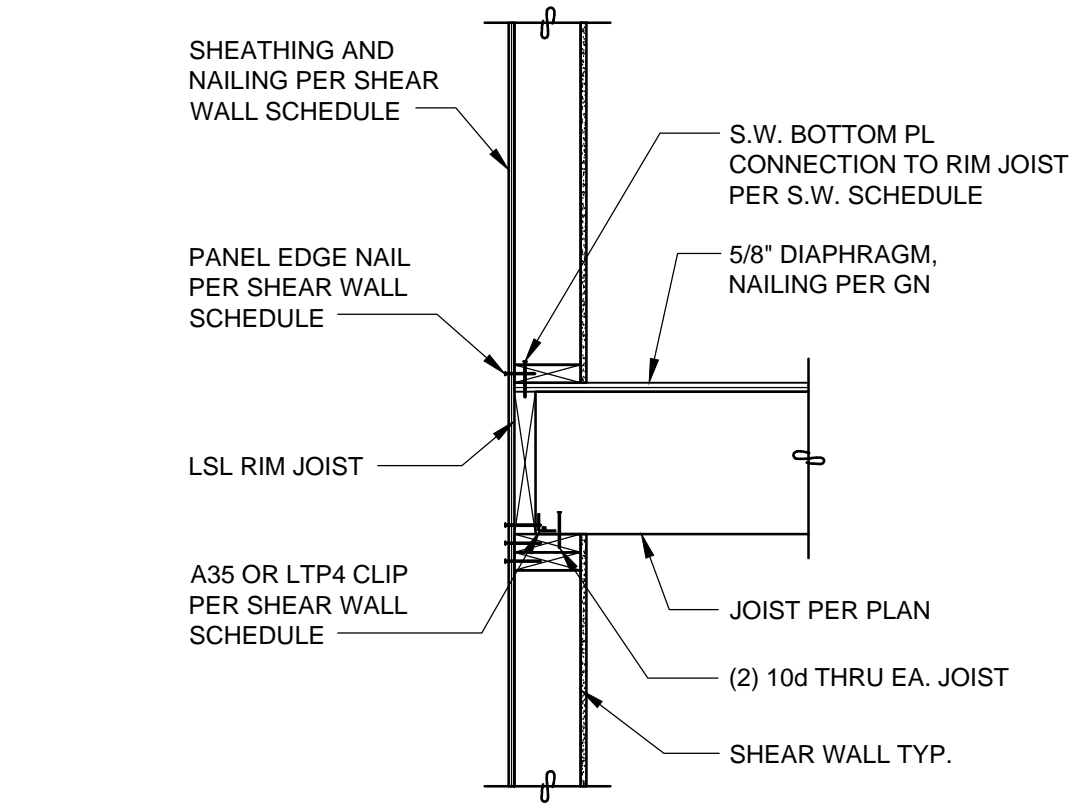
3/4" = 1'-0"

3 SECTION

3/4" = 1'-0"

4 SECTION

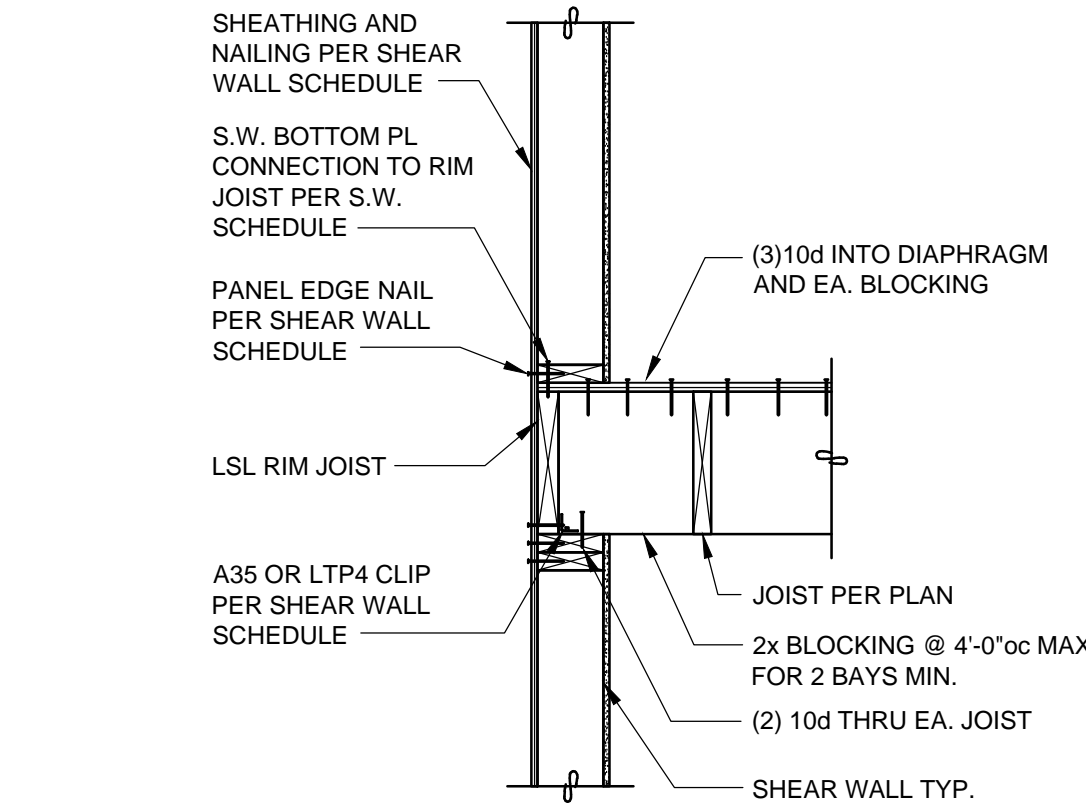
3/4" = 1'-0"



TYPICAL S.W. PERPENDICULAR FRAMING

5 SECTION

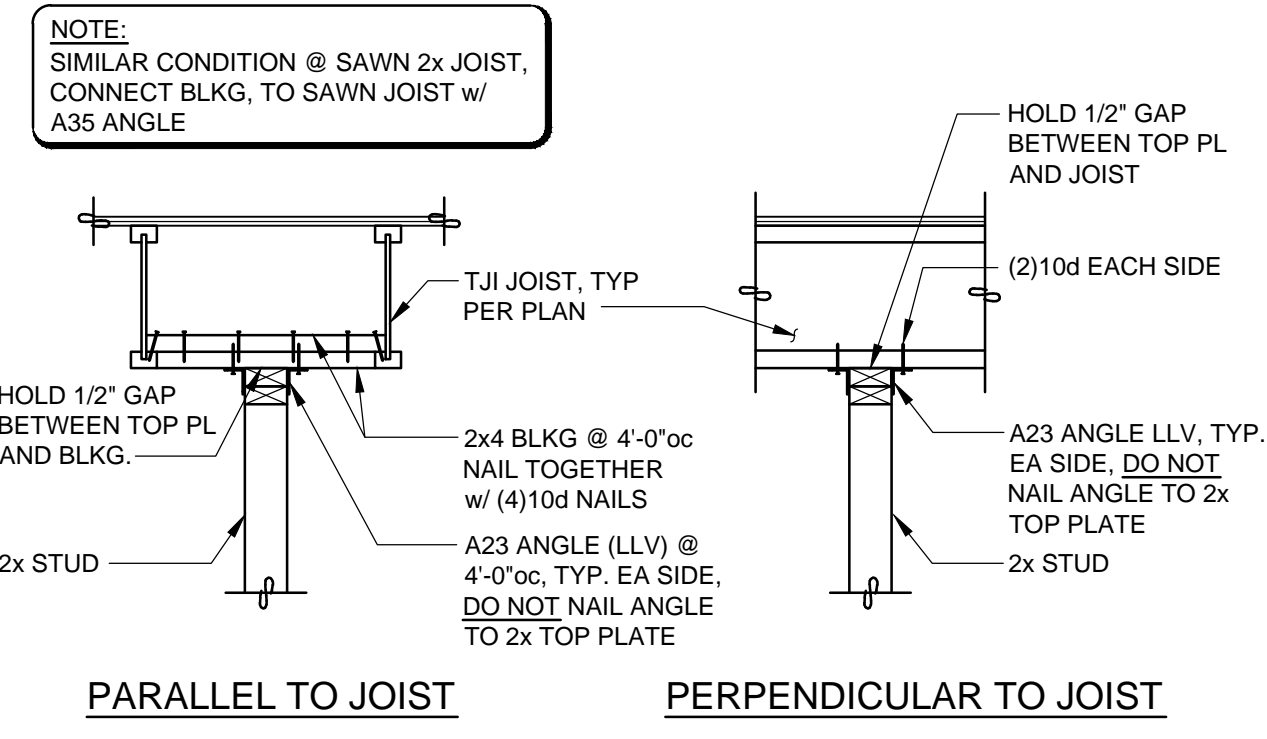
3/4" = 1'-0"



TYPICAL S.W. PARALLEL FRAMING

6 SECTION

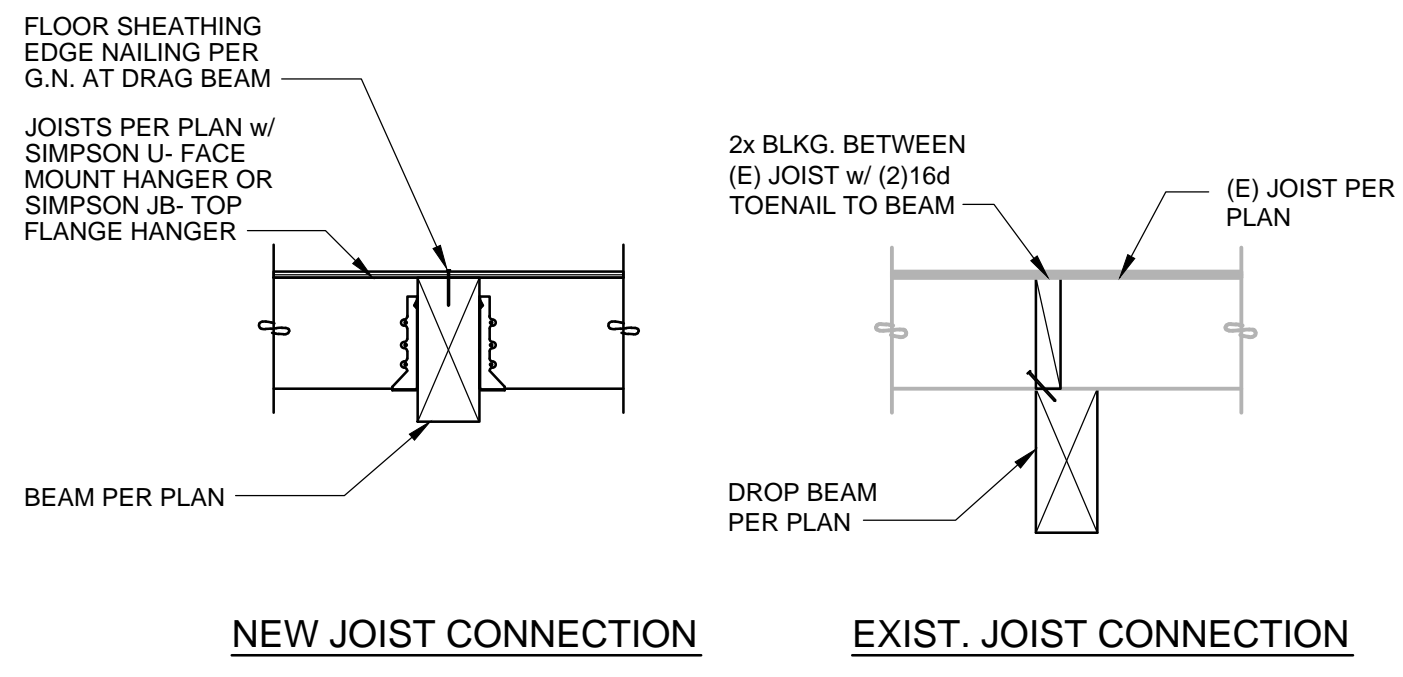
3/4" = 1'-0"



TYPICAL TOP OF NON-BEARING WALL ANCHORAGE

7 SECTION

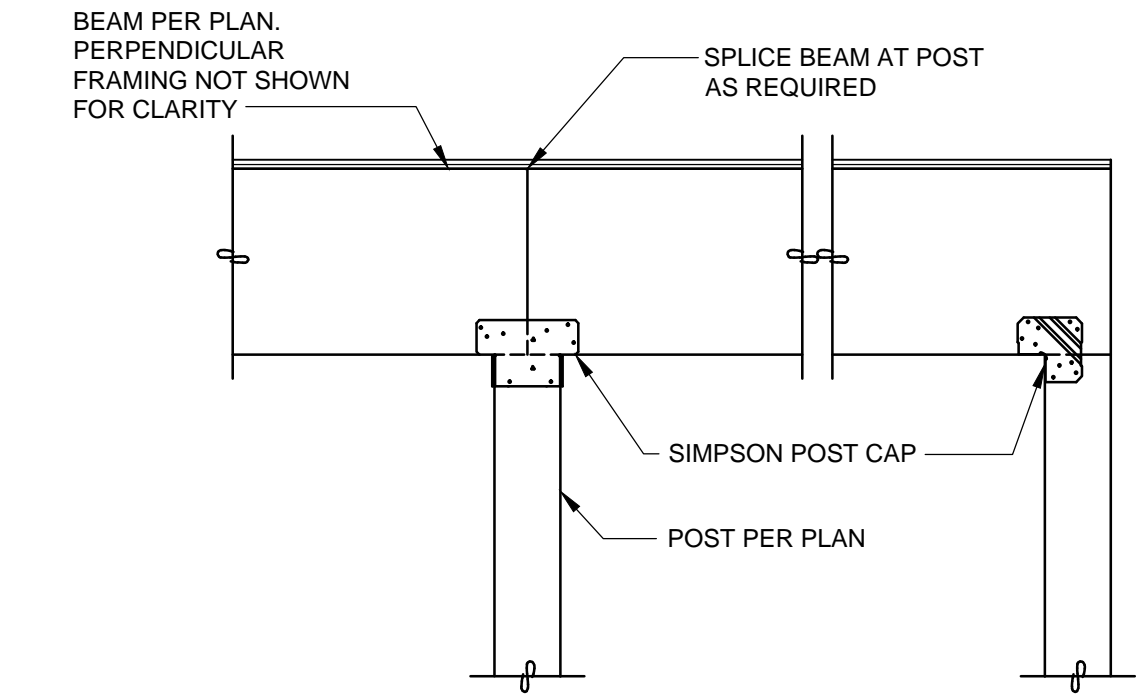
3/4" = 1'-0"



TYPICAL JOIST TO BEAM CONNECTION

4 SECTION

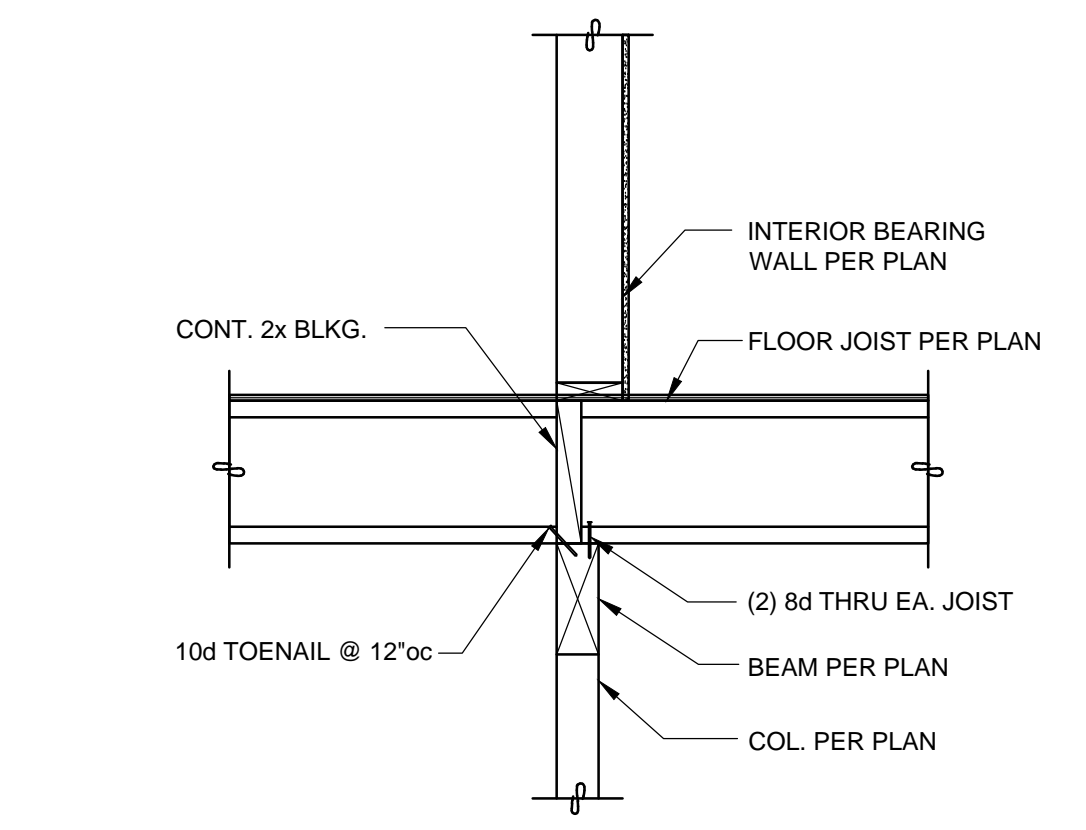
3/4" = 1'-0"



TYPICAL BEAM TO WOOD POST CONNECTION

8 SECTION

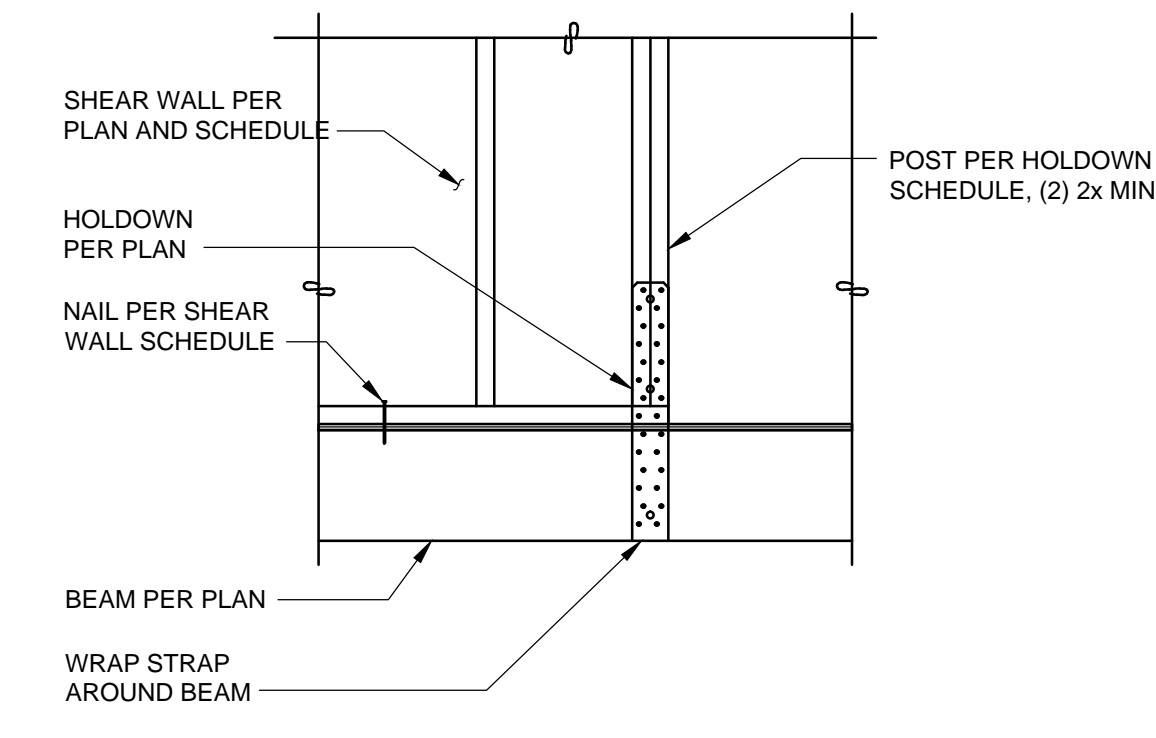
3/4" = 1'-0"



TYPICAL BEARING WALL BEAM SUPPORT

9 SECTION

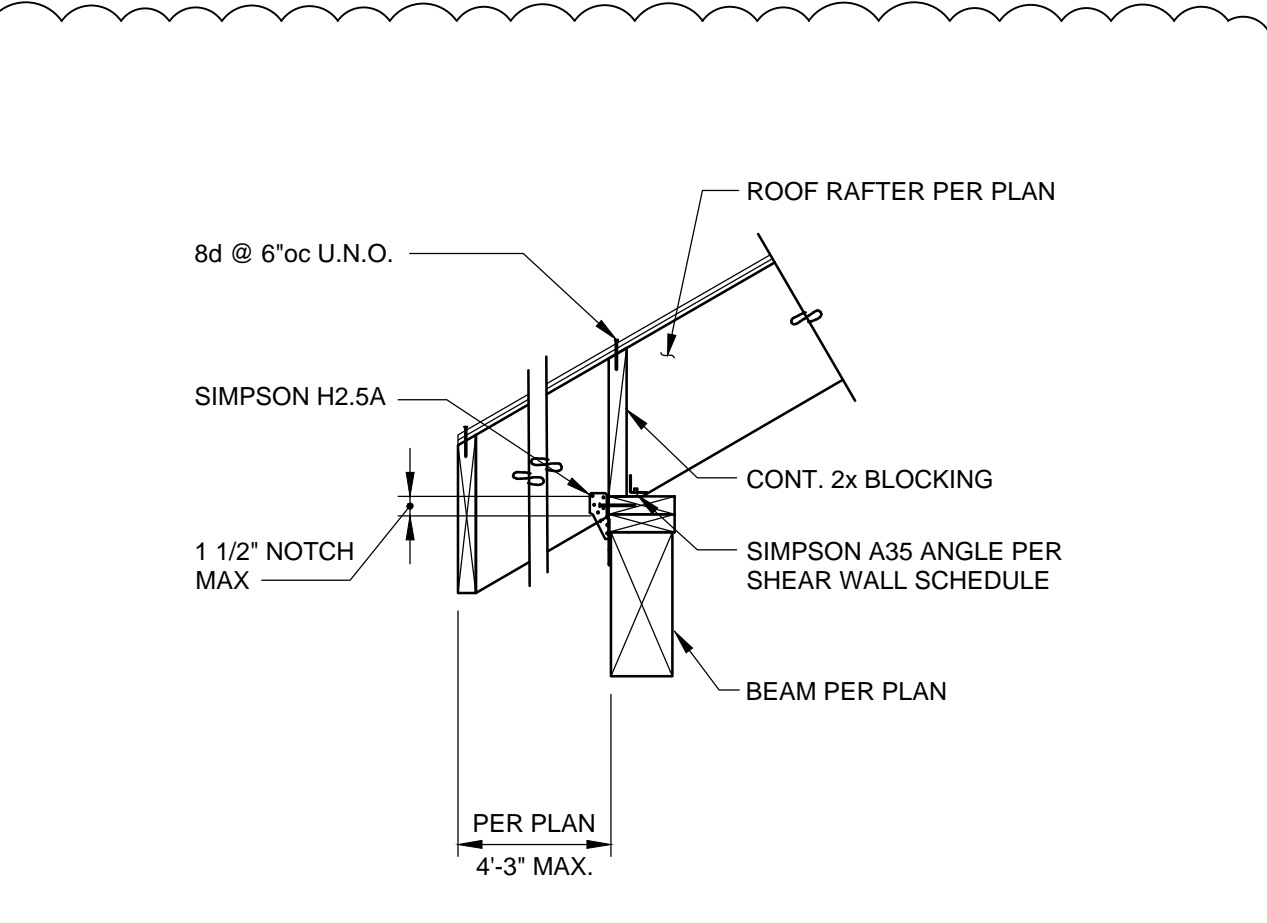
3/4" = 1'-0"



TYPICAL HOLDDOWN AT BEAM

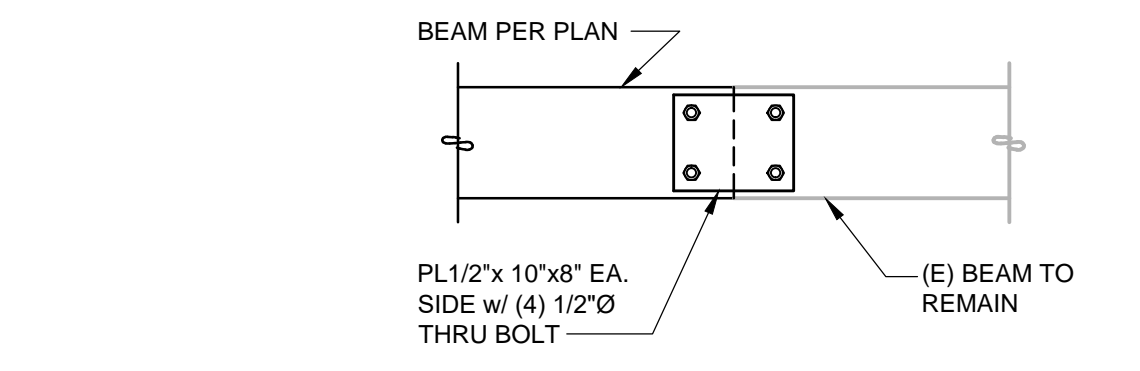
10 SECTION

3/4" = 1'-0"



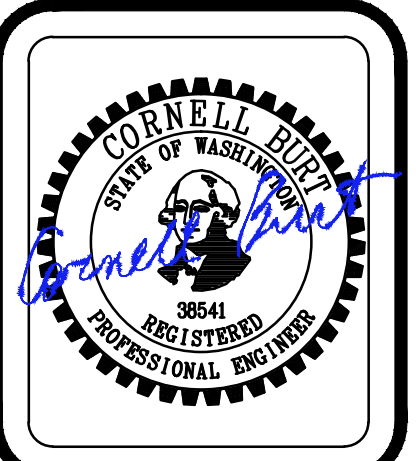
11 SECTION

3/4" = 1'-0"



12 SECTION

3/4" = 1'-0"



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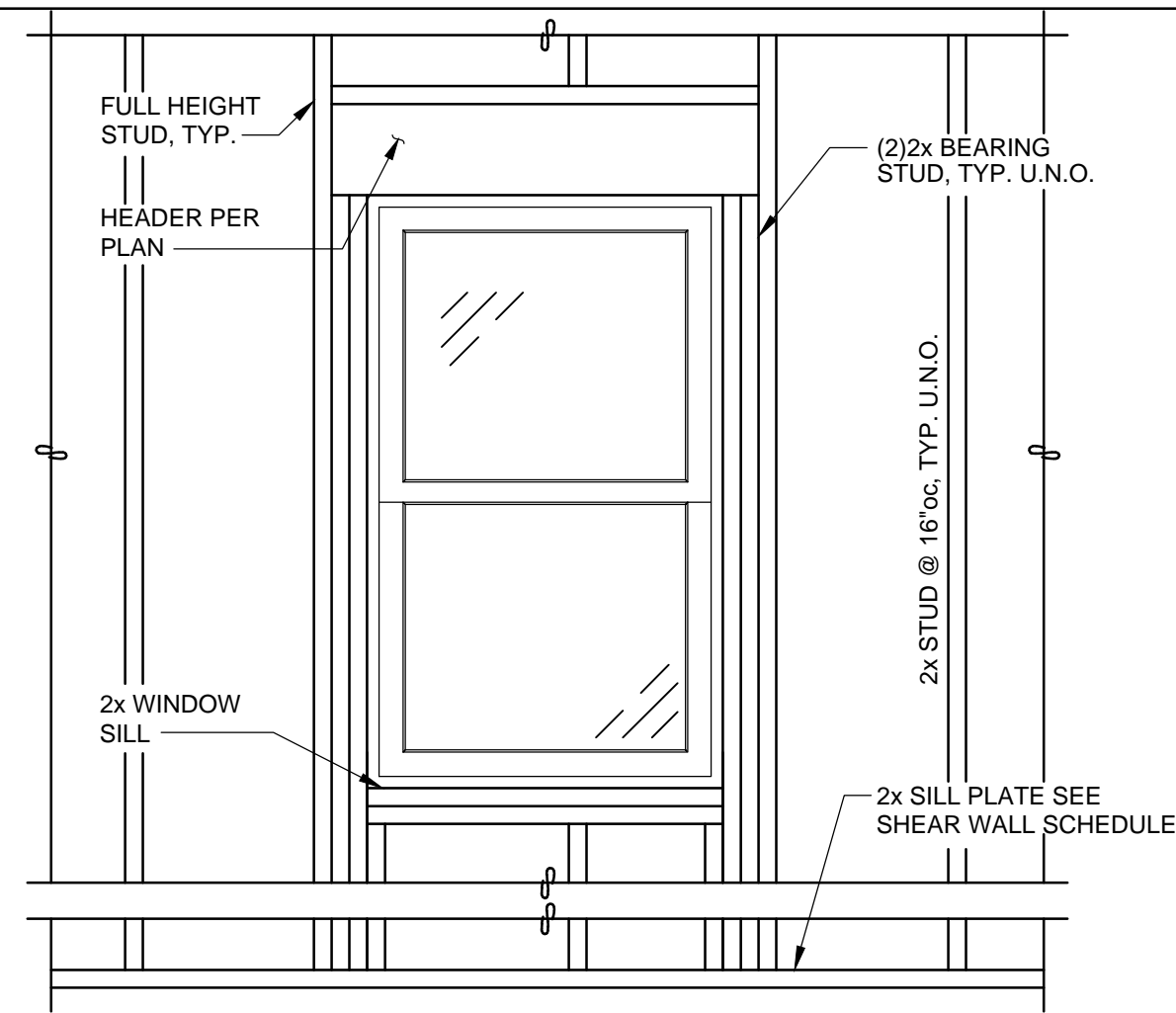
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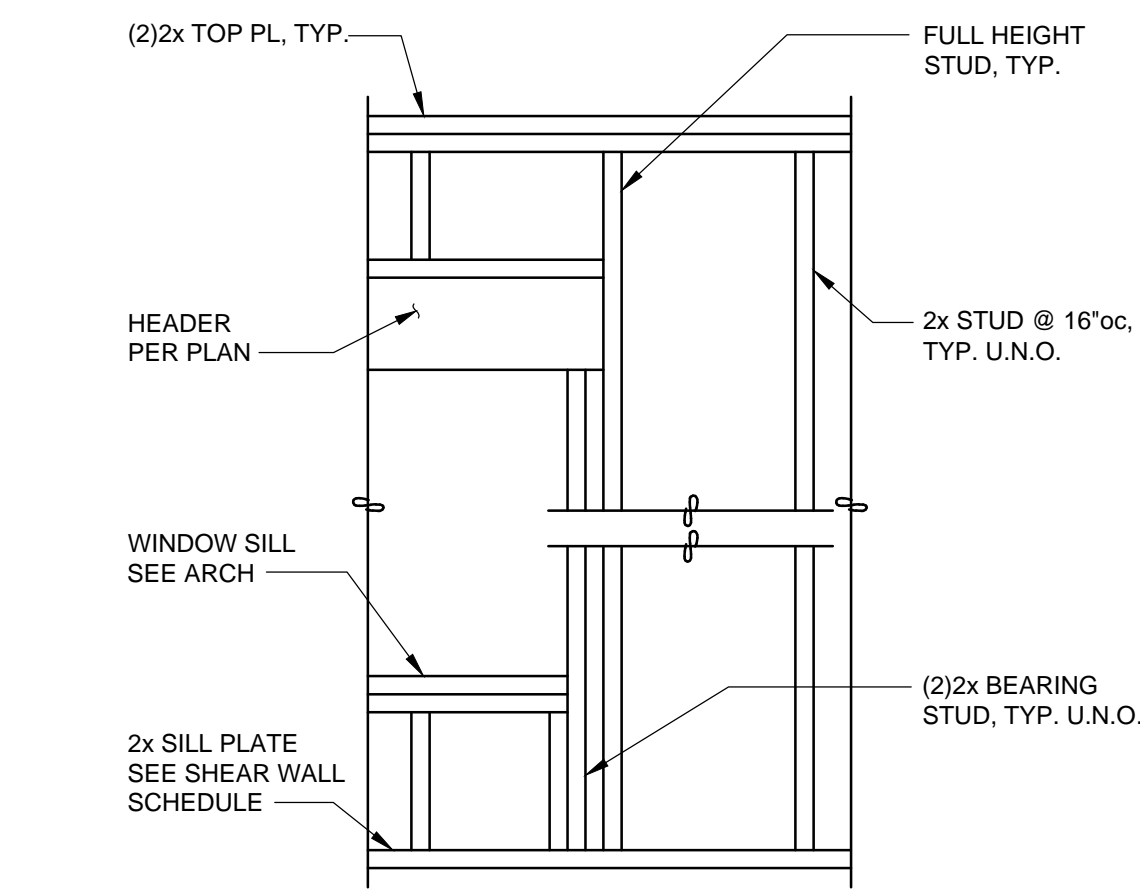
S2.2



TYPICAL STUD FRAMING DETAIL @ OPENING

1 SECTION

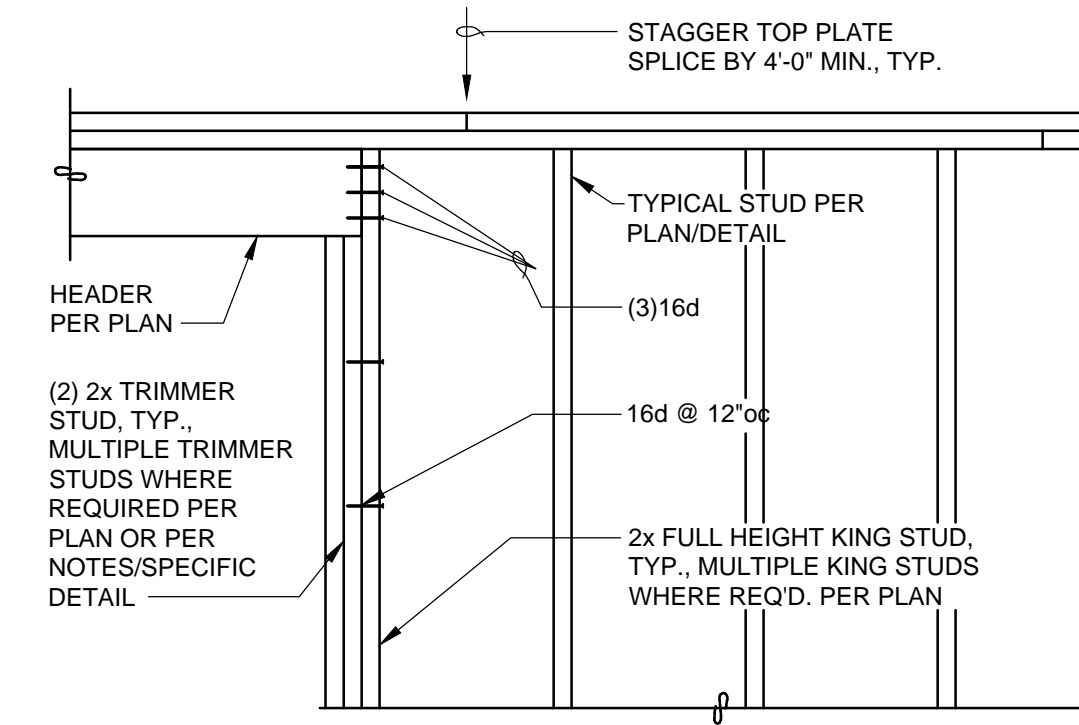
3/4" = 1'-0"



TYPICAL STUD FRAMING DETAIL

2 SECTION

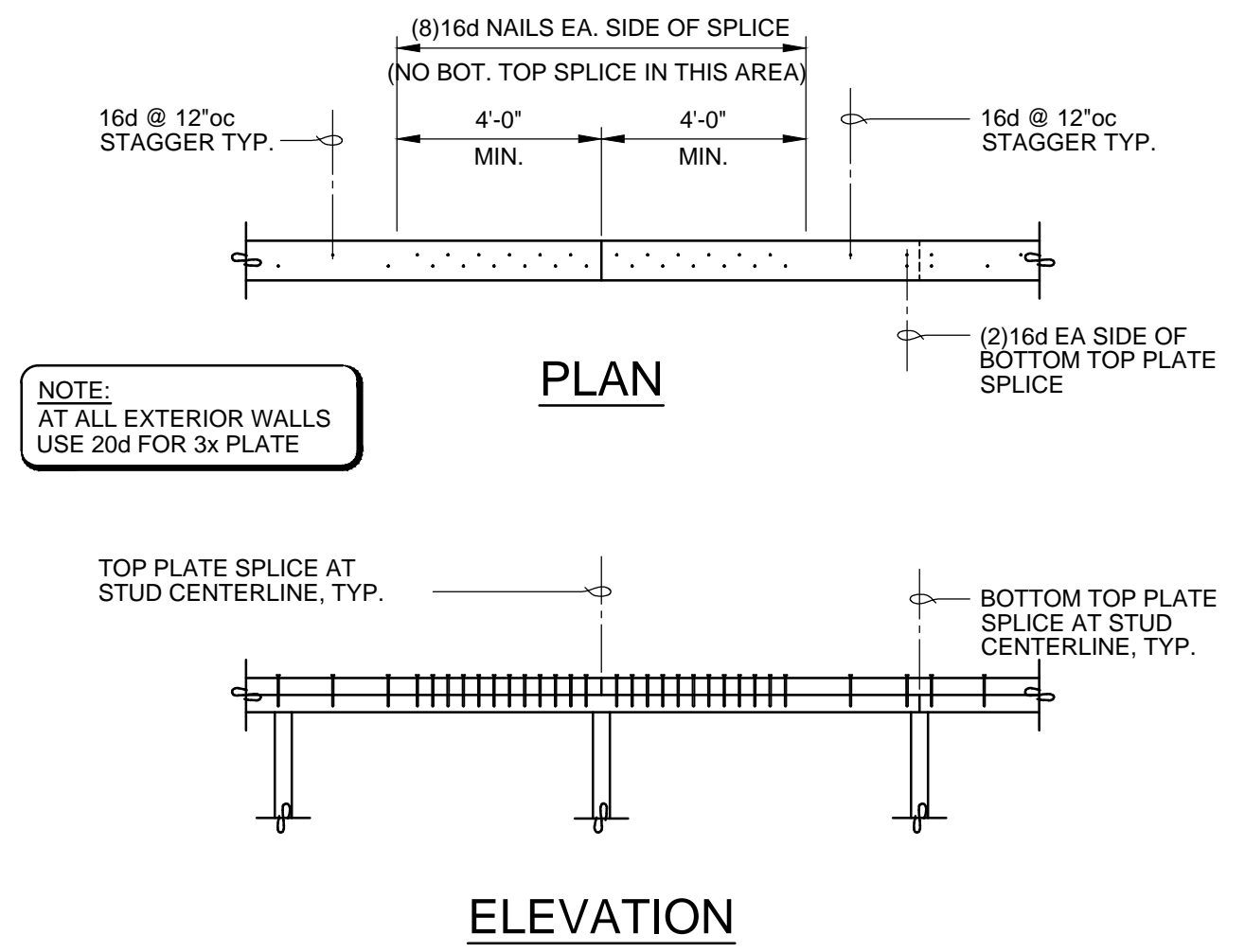
3/4" = 1'-0"



TYPICAL HEADER SUPPORT DETAIL

3 SECTION

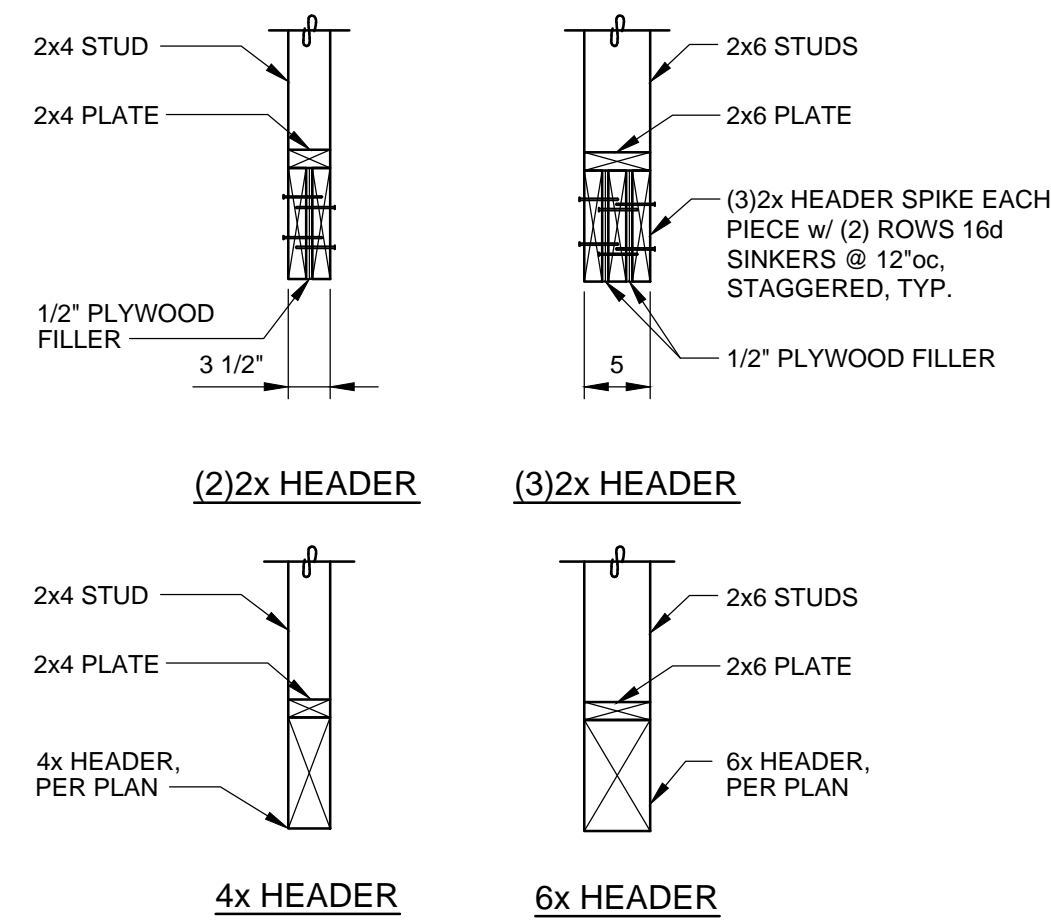
3/4" = 1'-0"



TYPICAL STUD WALL TOP PLATE SPLICE

4 SECTION

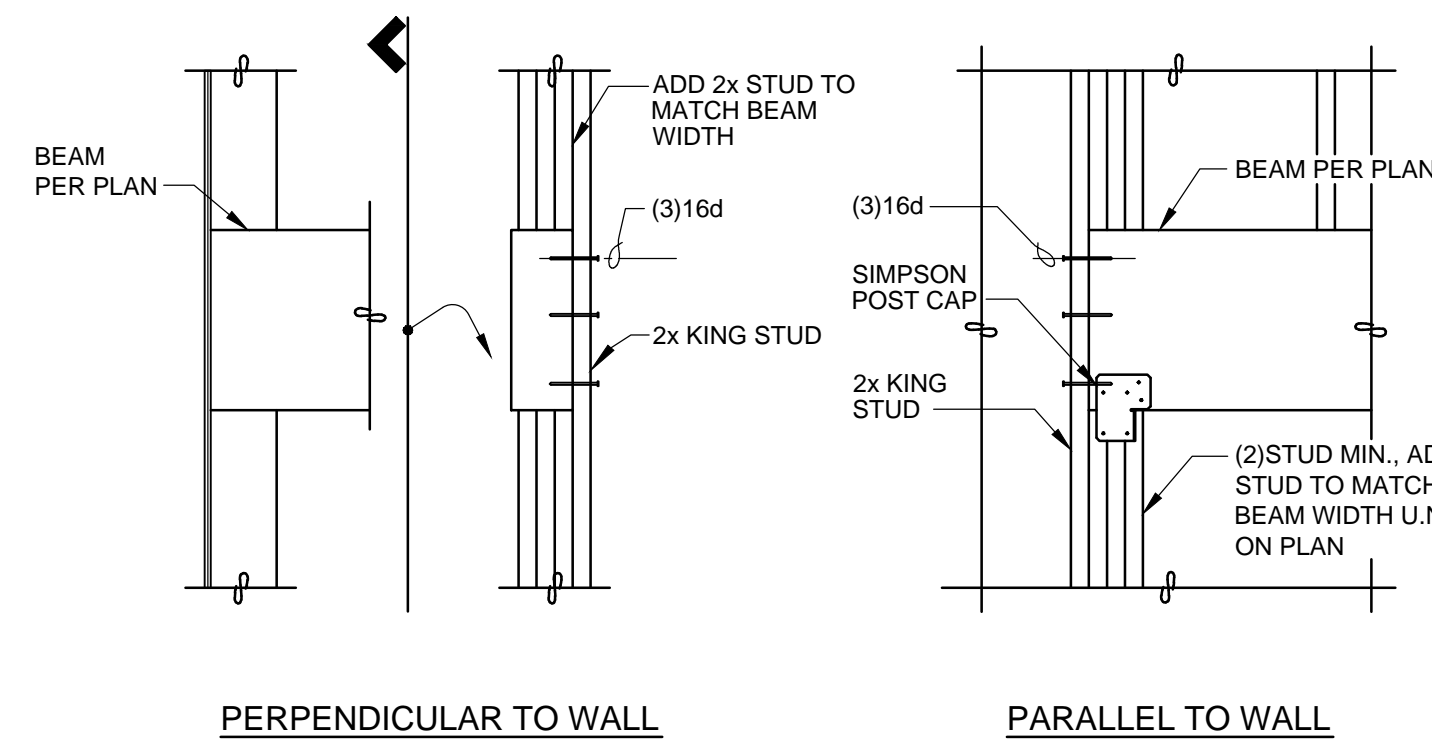
3/4" = 1'-0"



TYPICAL HEADER DETAIL

5 SECTION

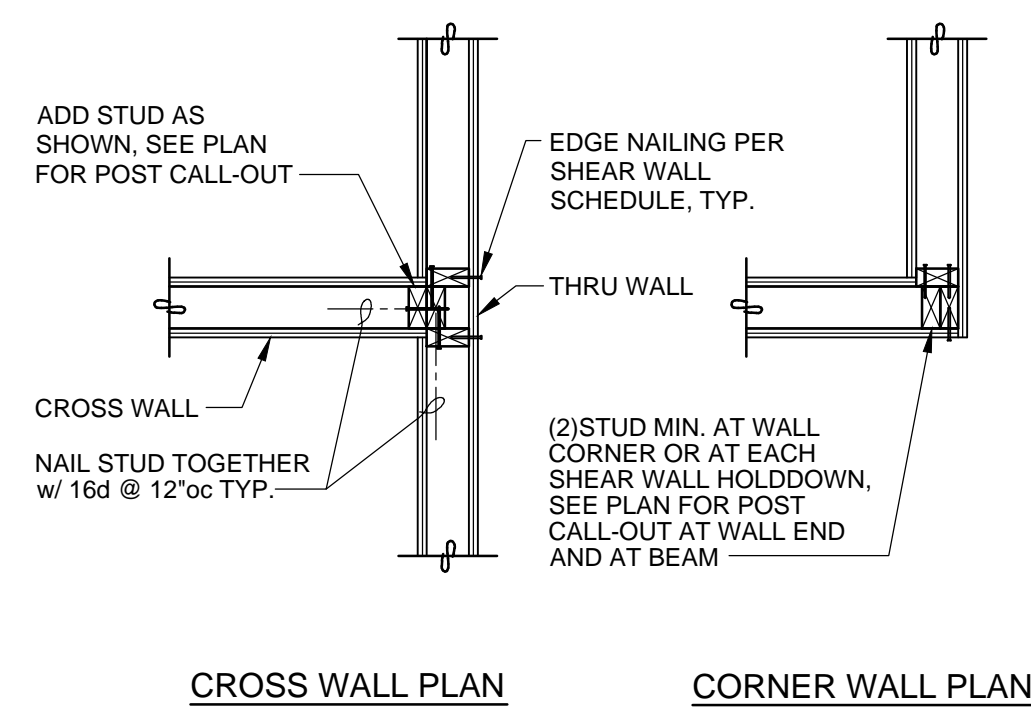
3/4" = 1'-0"



TYPICAL BEAM TO WALL CONNECTION

6 SECTION

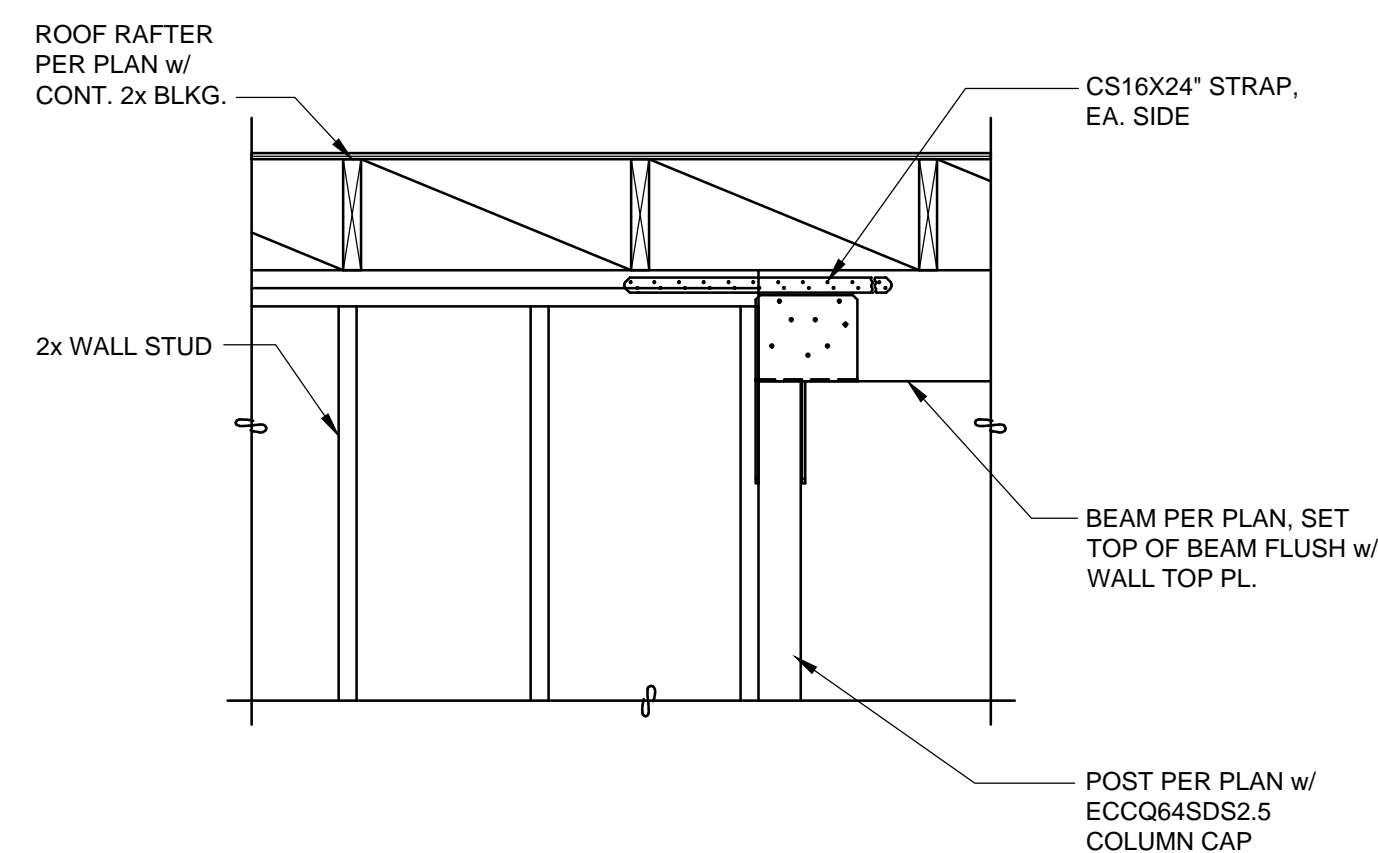
3/4" = 1'-0"



TYPICAL STUD WALL INTERSECTION

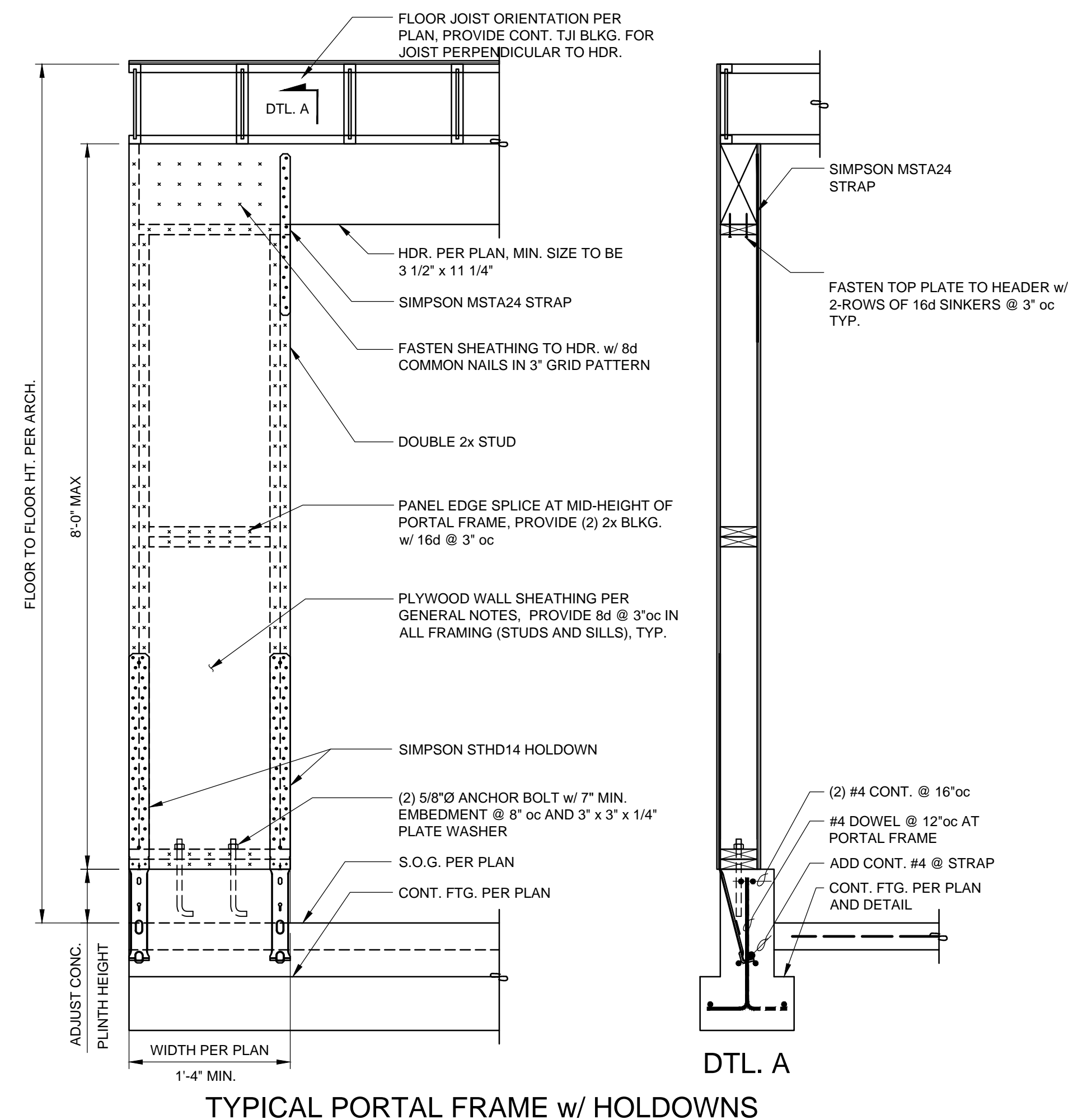
7 SECTION

3/4" = 1'-0"



8 SECTION

3/4" = 1'-0"



TYPICAL PORTAL FRAME w/ HOLD-DOWNS

9 SECTION

3/4" = 1'-0"



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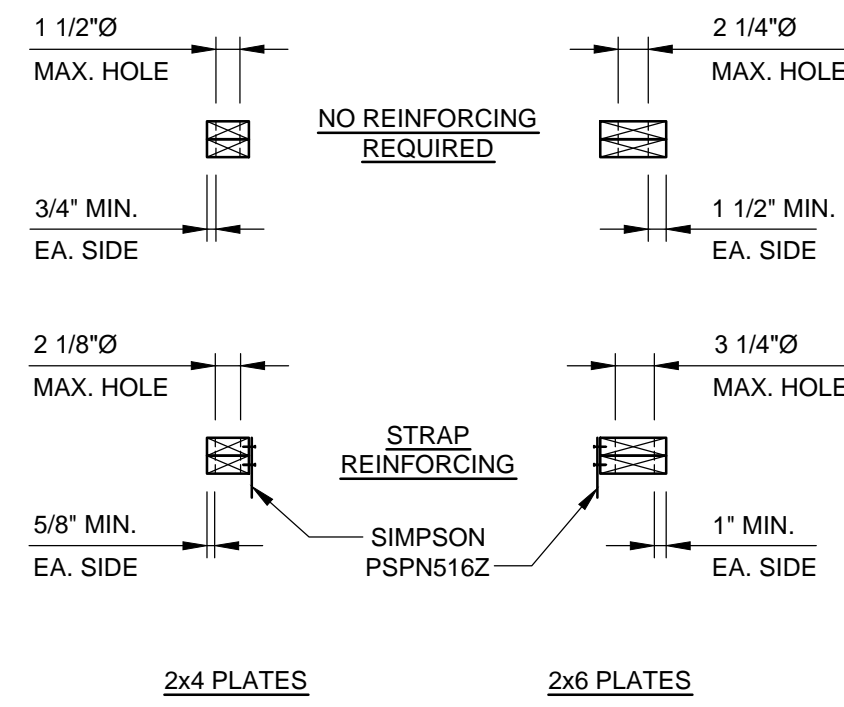
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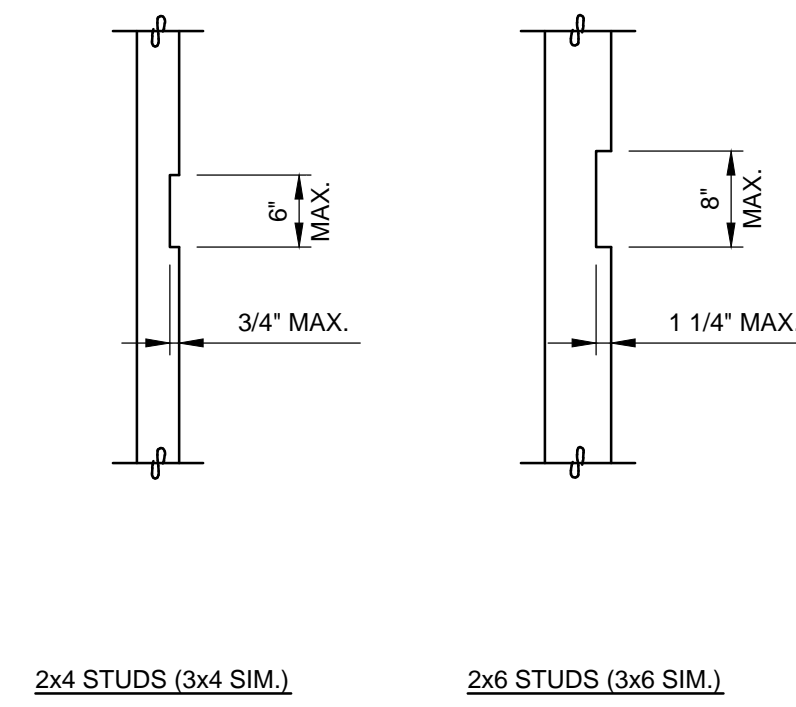
S2.3



ALLOWABLE HOLES THROUGH TOP PLATES

1 SECTION

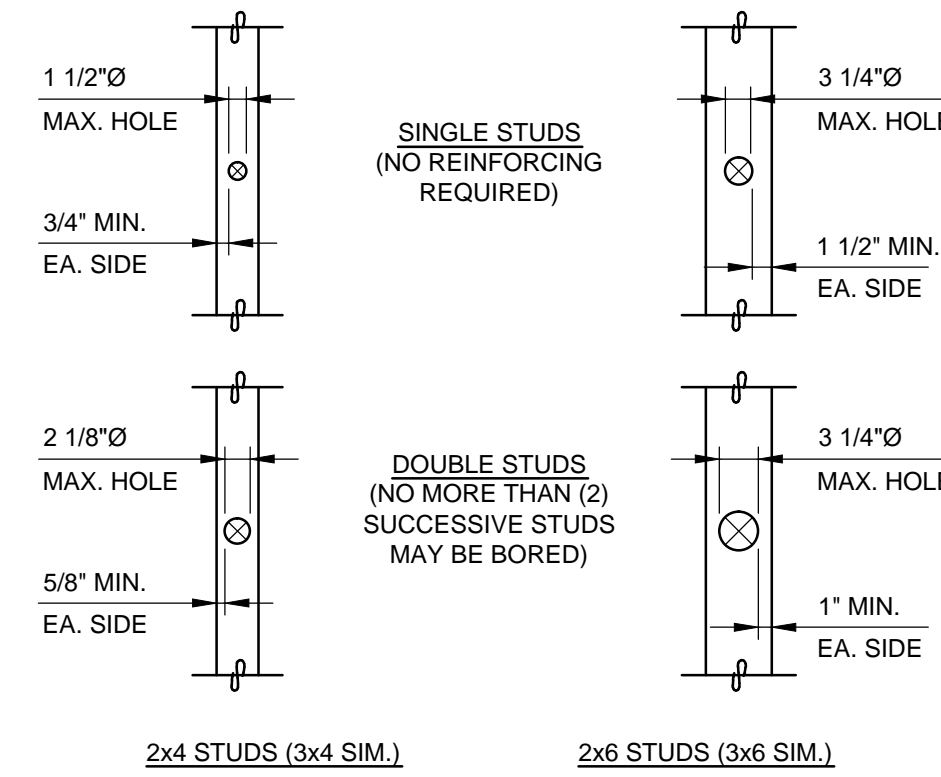
NOTE:
1) AT BOTTOM PLATES, FOLLOW GUIDELINES SHOWN, EXCEPT USE SIMPSON CS16 X 2'-0" STRAP



ALLOWABLE NOTCHES IN STUDS

2 SECTION

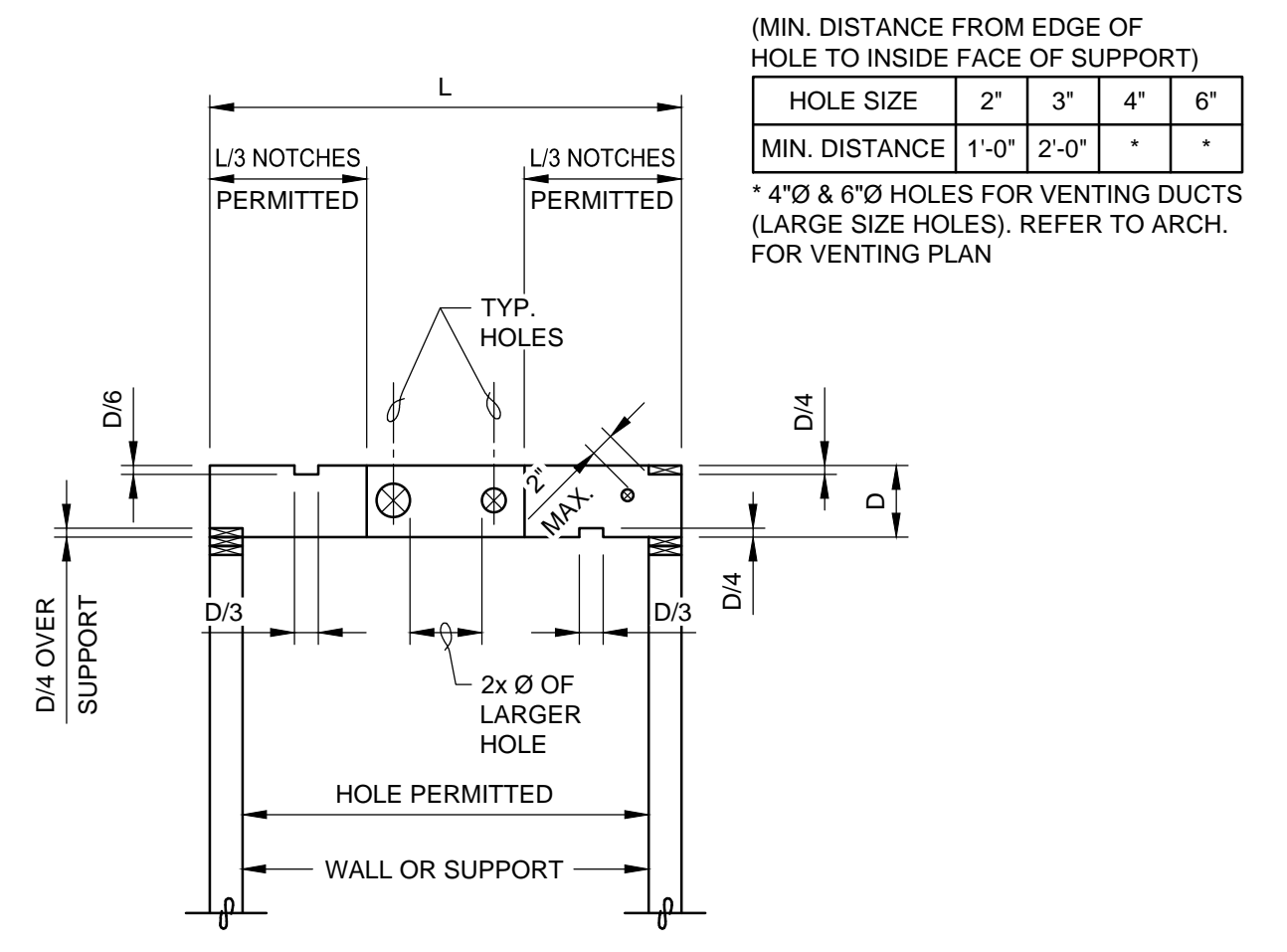
NOTE:
1) NOTCHES SHALL NOT OCCUR IN MORE THAN (2) SUCCESSIVE STUDS



ALLOWABLE HOLES THROUGH STUDS

3 SECTION

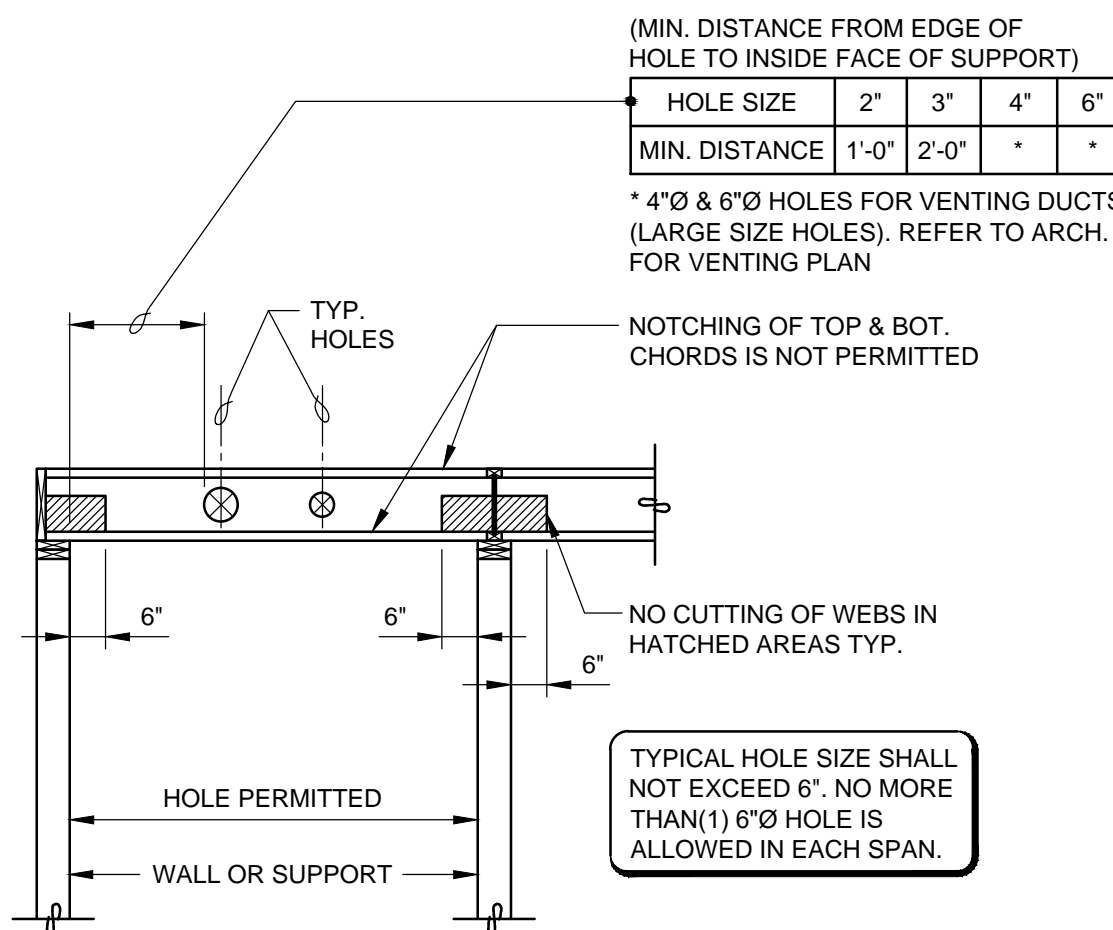
NOTE:
1) NOTCHES SHALL NOT OCCUR IN MORE THAN (2) SUCCESSIVE STUDS



ALLOWABLE CUTTING IN LSL, LVL, OR PSL MEMBERS

4 SECTION

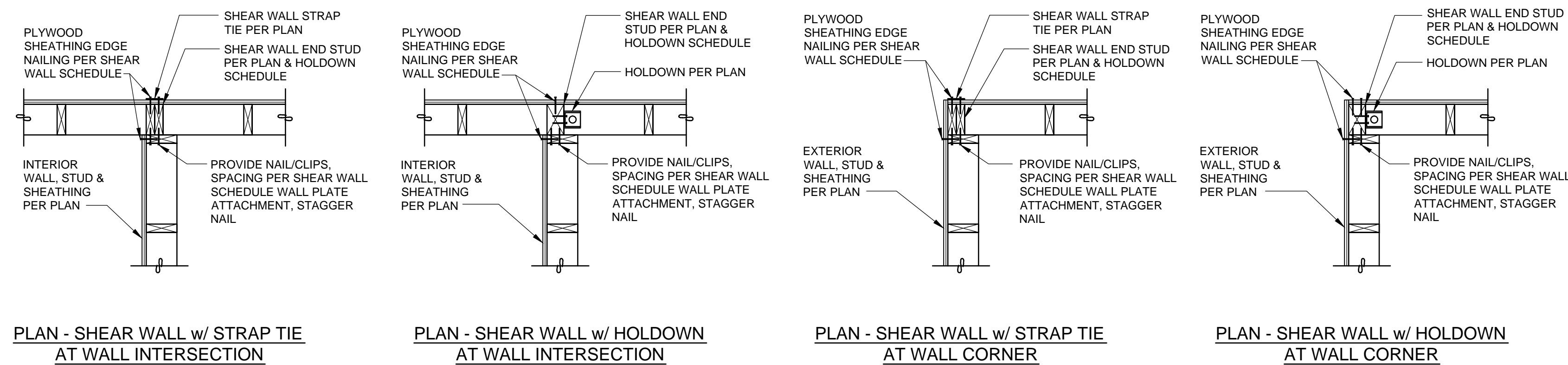
3/4" = 1'-0"



ALLOWABLE CUTTING IN WEB JOIST MEMBERS

5 SECTION

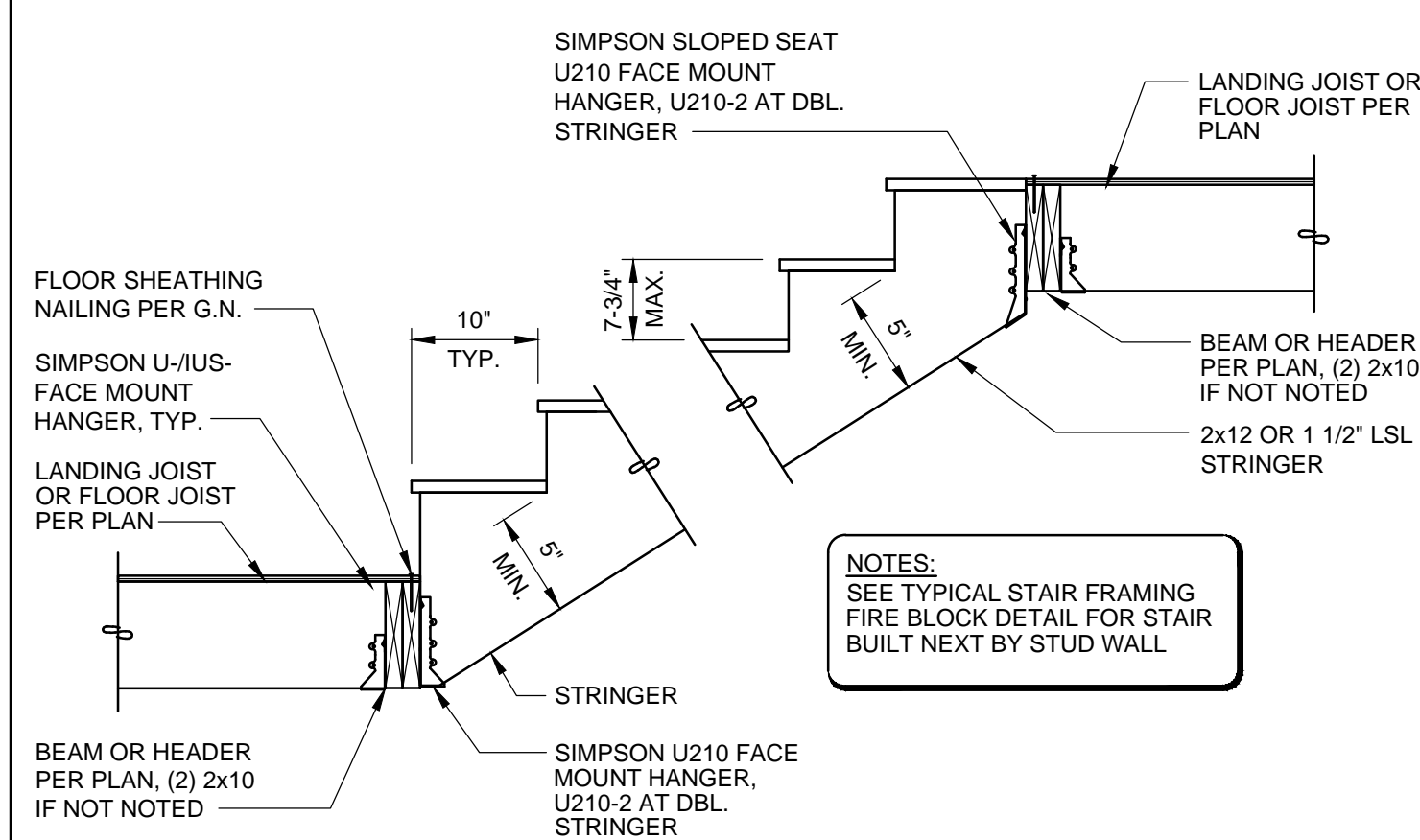
3/4" = 1'-0"



TYPICAL SHEAR WALL END STUD AT WALL INTERSECTION & CORNER

6 SECTION

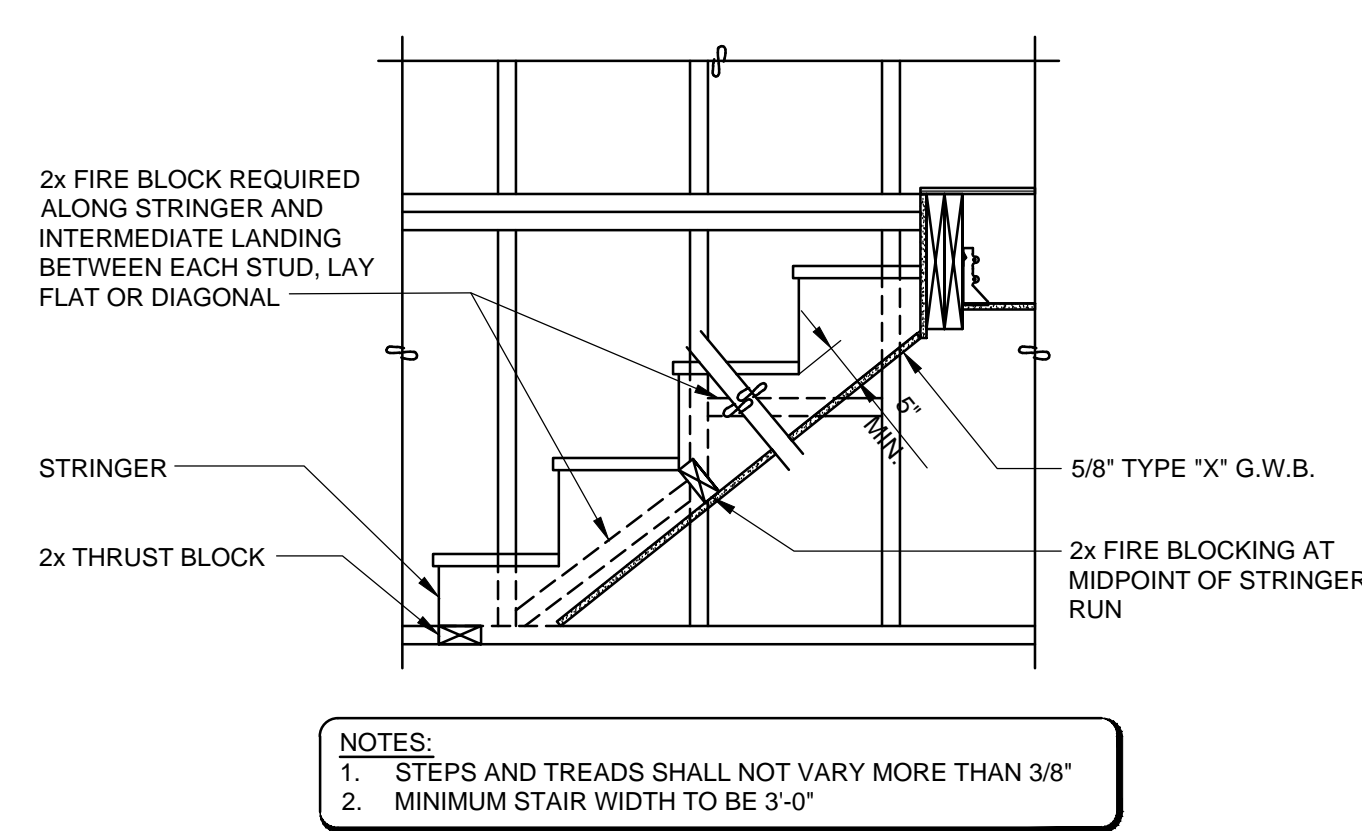
3/4" = 1'-0"



TYPICAL STAIR FRAMING

7 SECTION

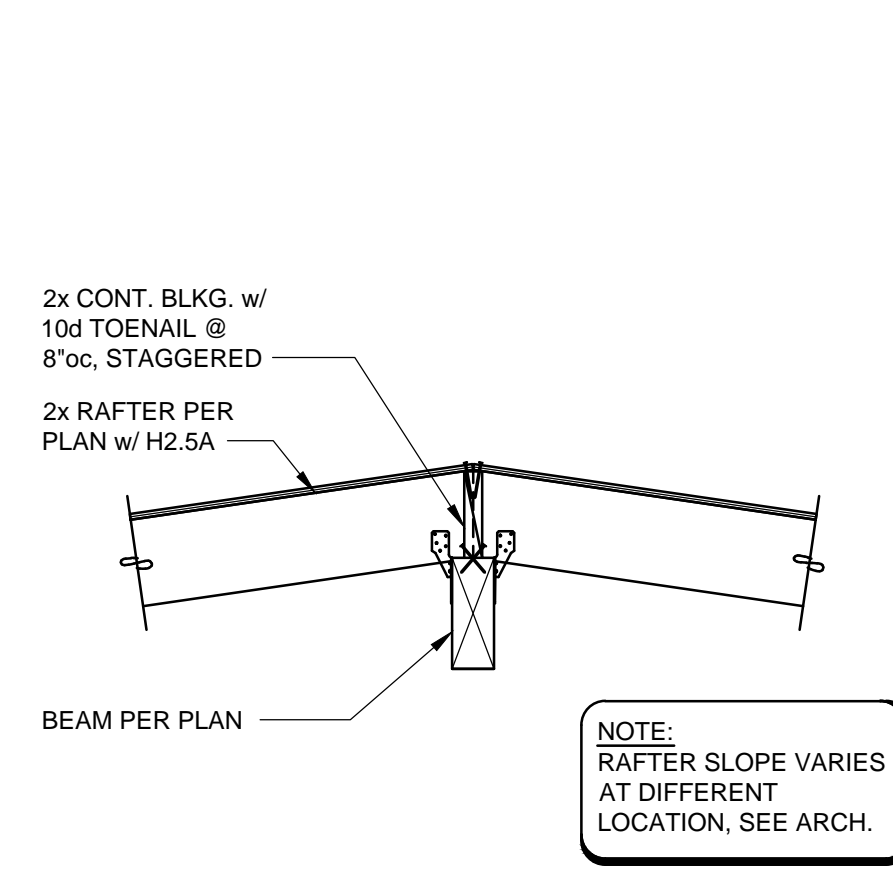
3/4" = 1'-0"



TYPICAL STAIR FIRE BLOCK AT FULL HT. WALL

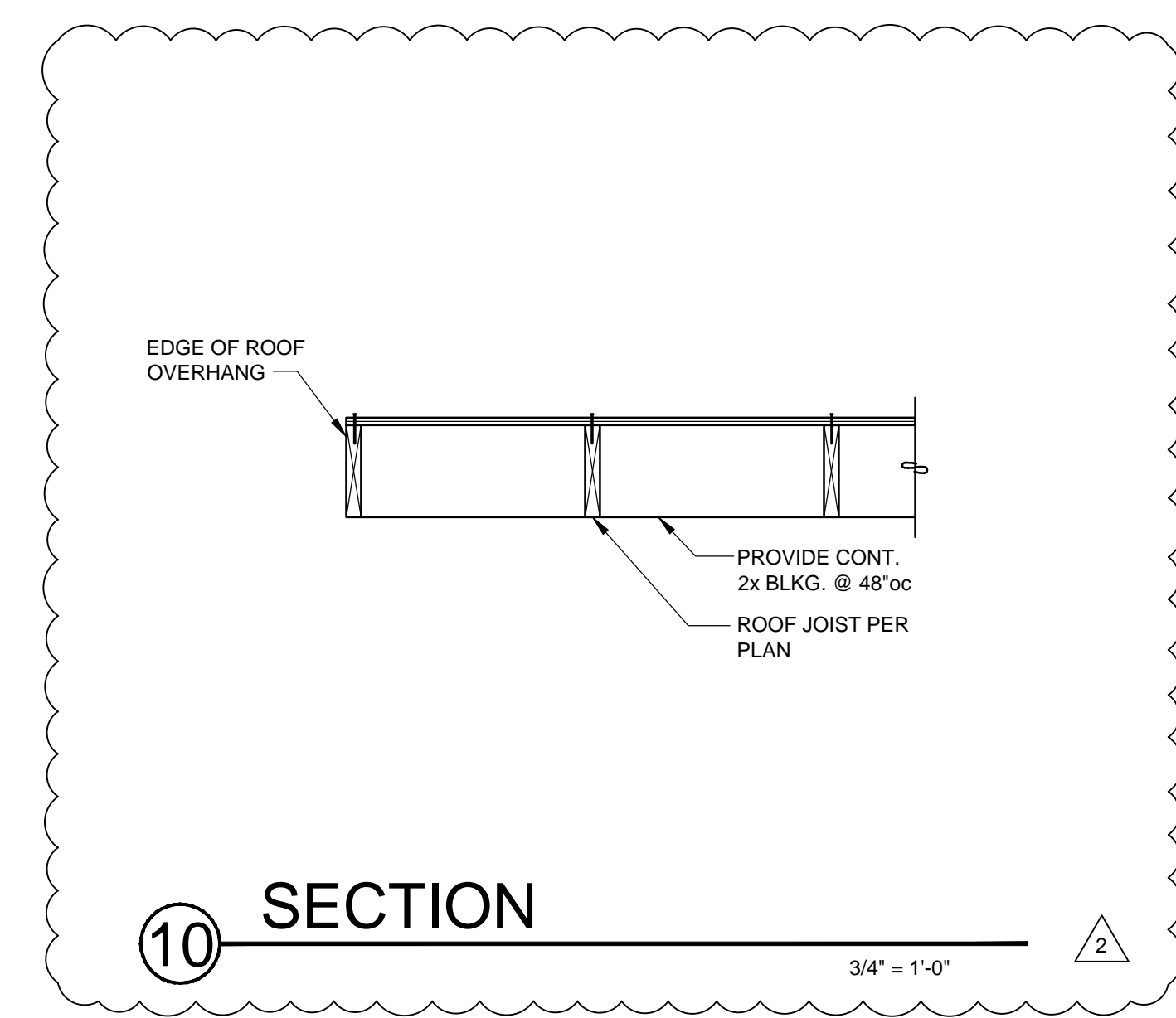
8 SECTION

3/4" = 1'-0"



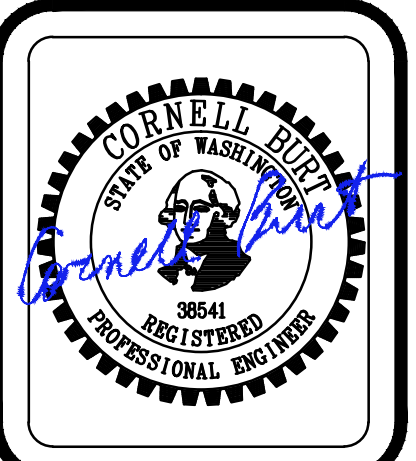
9 SECTION

3/4" = 1'-0"



10 SECTION

3/4" = 1'-0"



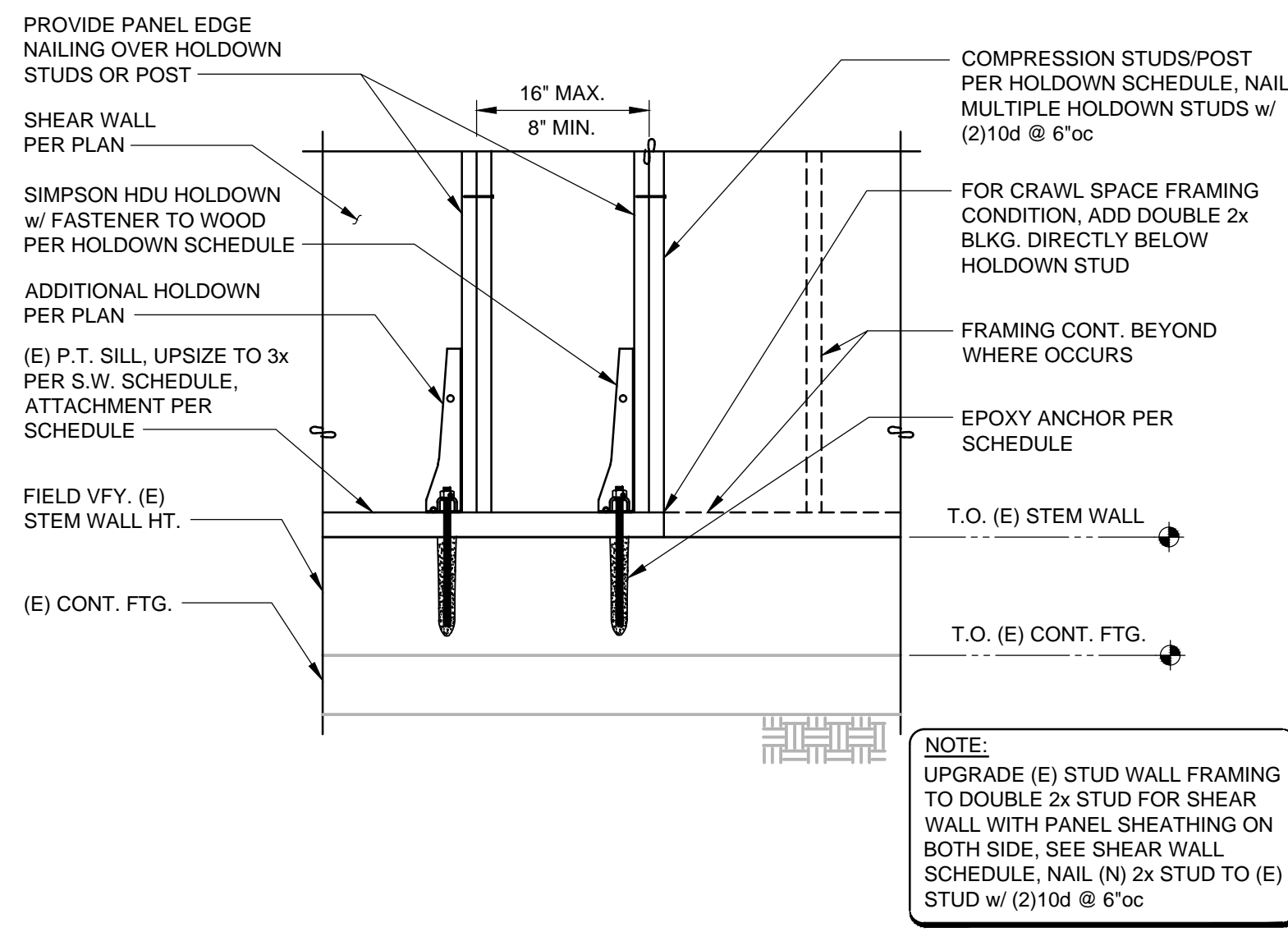
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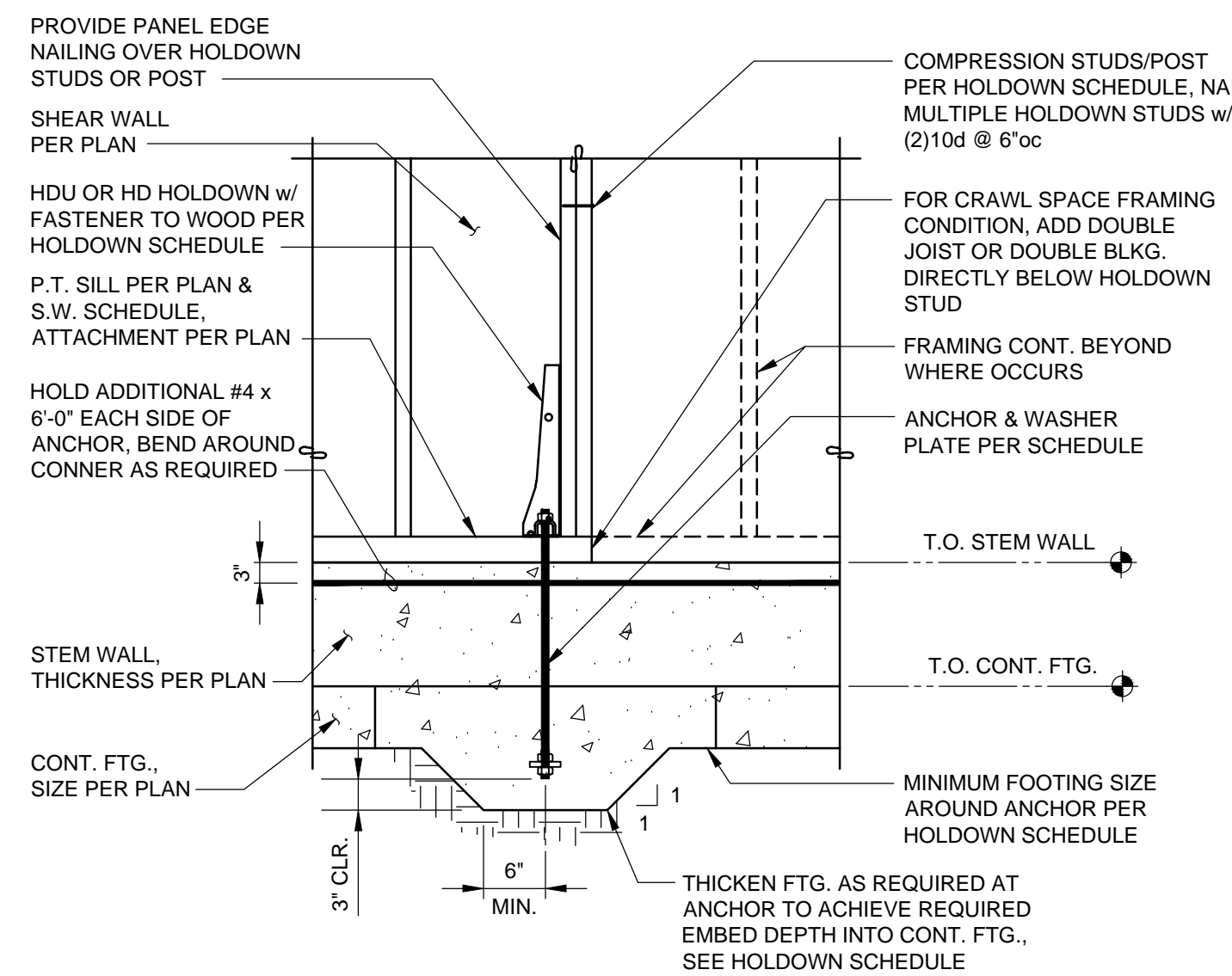
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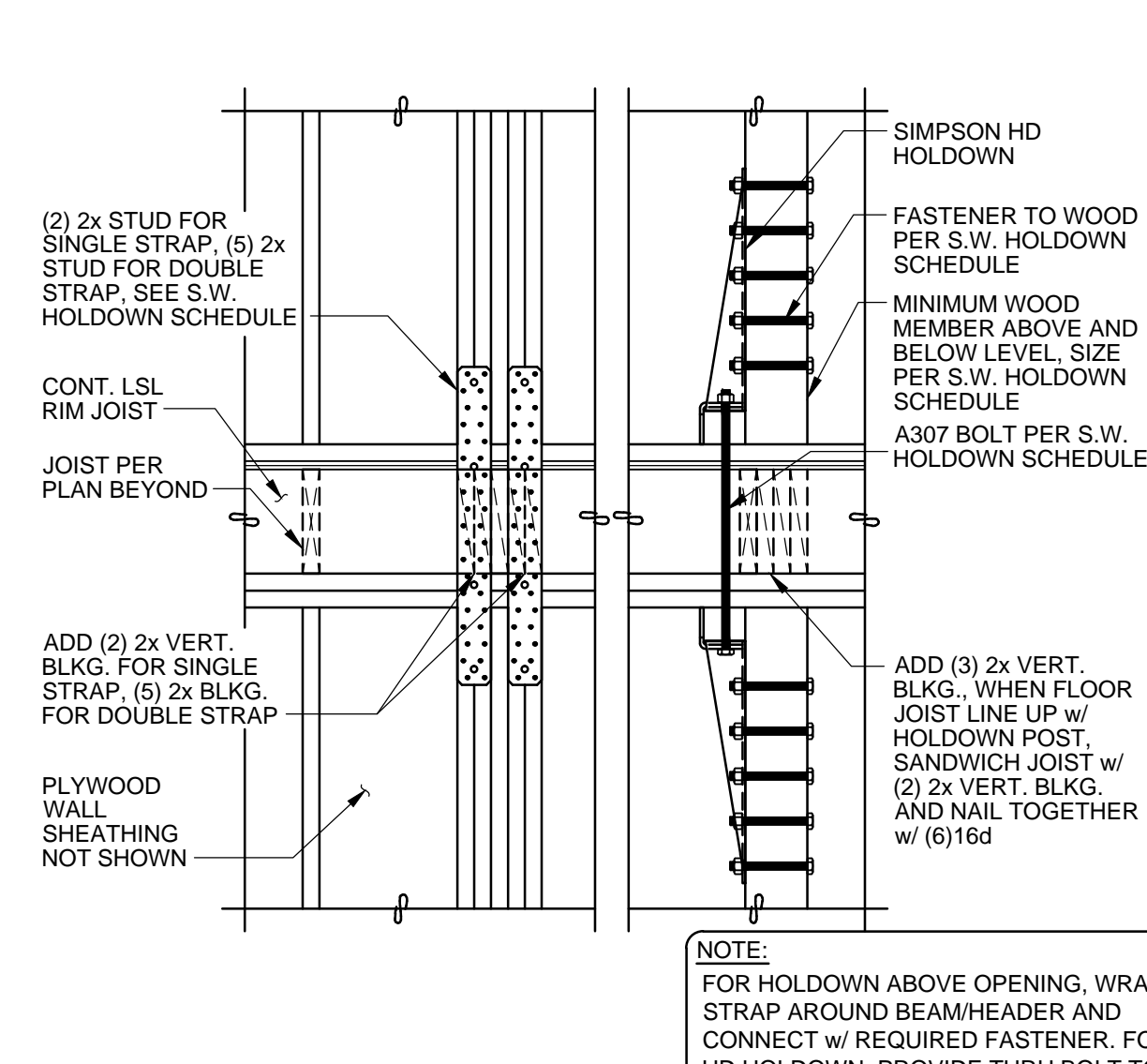
S2.4



SHEAR WALL (E) FOUNDATION HOLDDOWN



SHEAR WALL FOUNDATION HOLDDOWN

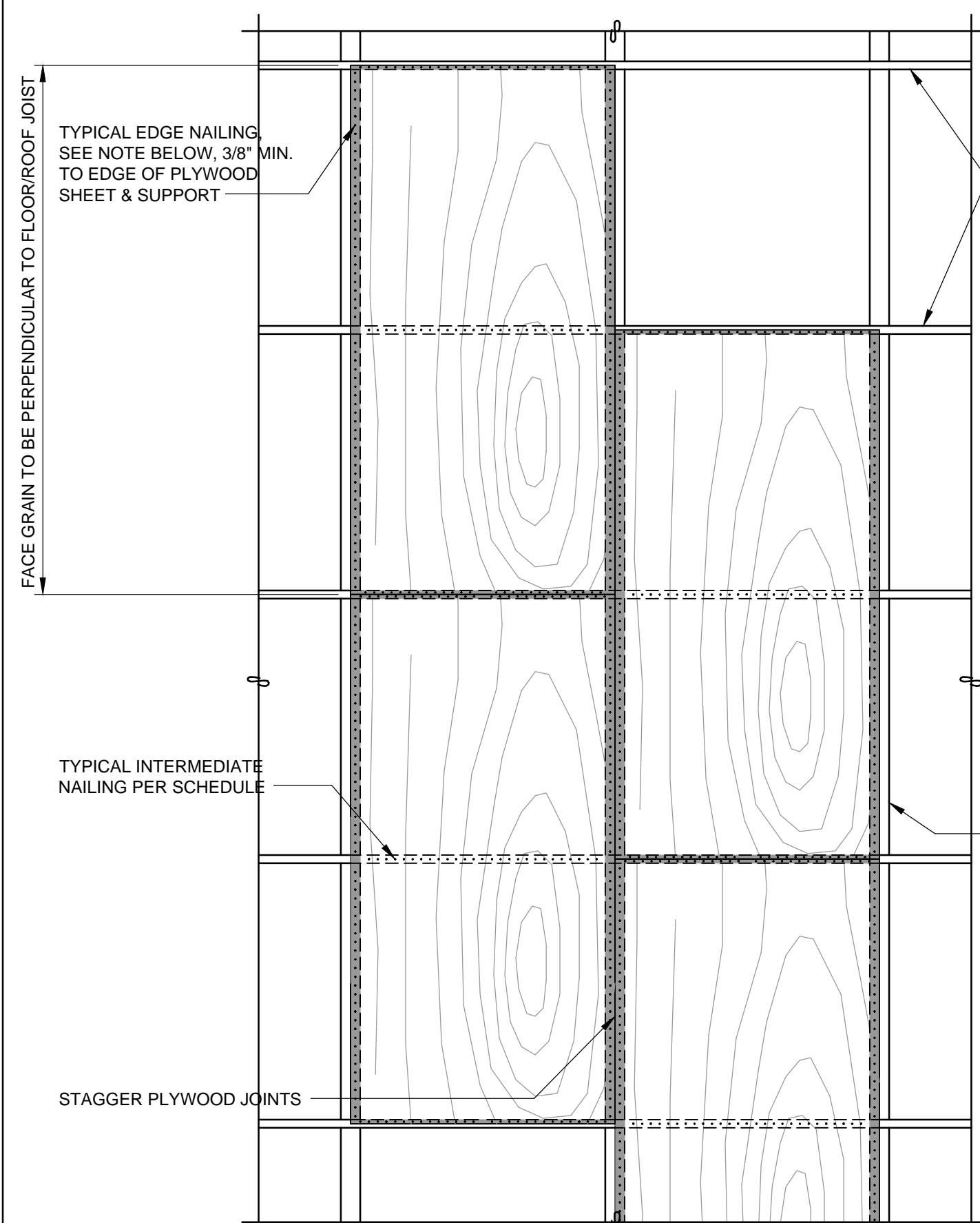


SHEAR WALL FRAMING HOLDDOWN

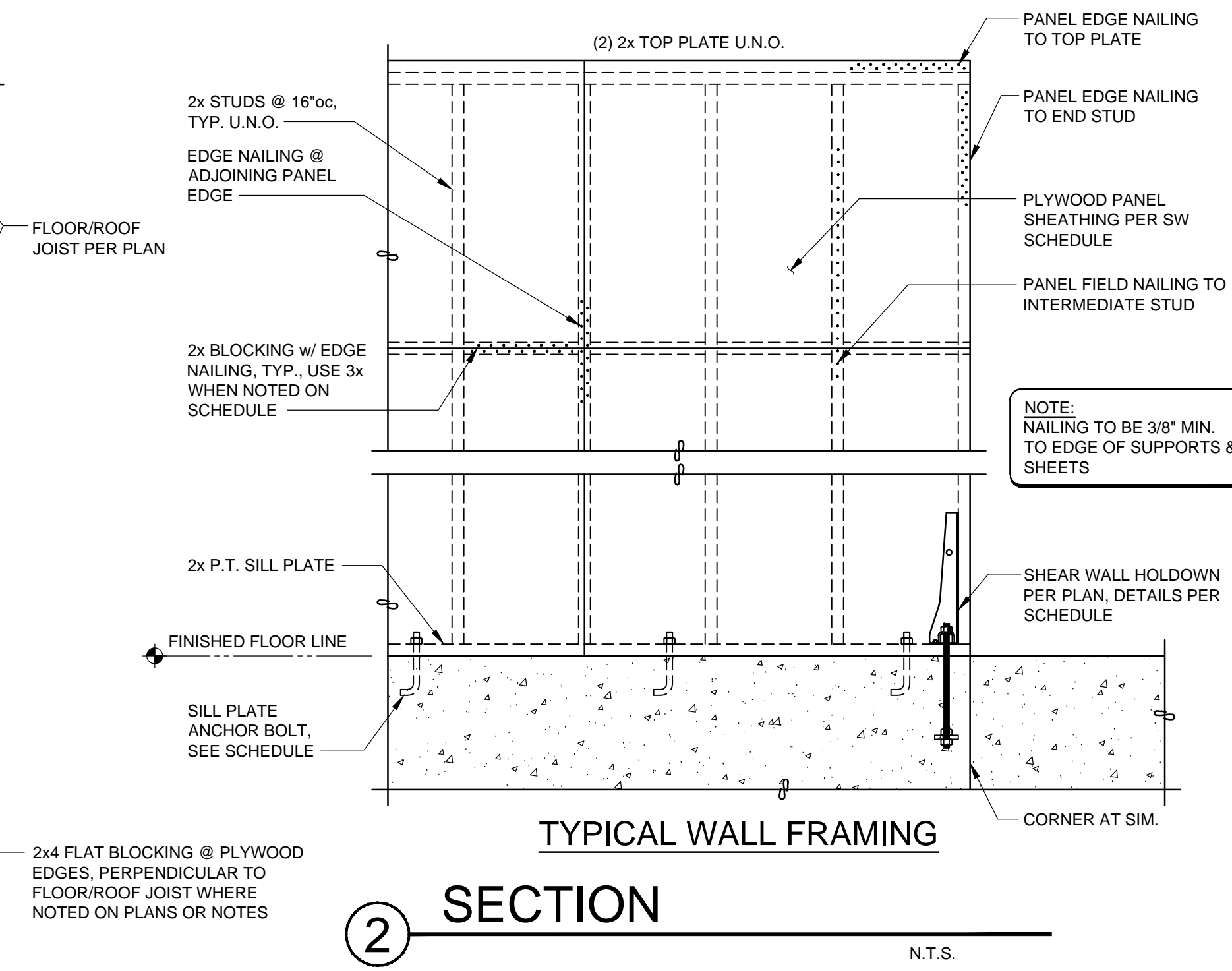
SHEAR WALL FRAMING HOLDOWN SCHEDULE

MARK (NOTE 4)	FASTENERS TO WOOD (NOTE 1,3,5)		ANCHOR
	REQUIRED FASTENER TO WOOD	MINIMUM WOOD MEMBER SIZE	
MSTC28	(16) 16d SINKERS	(2)2x STUDS	-
MSTC40	(32) 16d SINKERS	(2)2x STUDS	-
MSTC52	(48) 16d SINKERS	(2)2x STUDS	-
MSTC66	(68) 16d SINKERS	(2)2x STUDS	-
MST72	(62) 16d	(2)2x STUDS	-
CMST12 x 84"	(74) 16d	(2)2x STUDS	-
HD12	(4) 1" DIA. A307 BOLTS	(3) 2x STUDS	1"ø A307 BOLT
HD12 (SPECL.)	(4) 1" DIA. A307 BOLTS	4x6 POST @ 2x4 WALL 6x6 POST @ 2x6 WALL	1"ø A307 BOLT
HD19	(5) 1" DIA. A307 BOLTS	4x8 POST @ 2x4 WALL 6x6 POST @ 2x6 WALL	1-1/8"ø A307 BOLT
HD19 (SPECL.)	(5) 1" DIA. A307 BOLTS	4x8 POST @ 2x4 WALL 6x6 POST @ 2x6 WALL	1-1/4"ø A307 BOLT

- SHEAR WALL FRAMING HOLDOWN NOTE:**
- MINIMUM WOOD MEMBER SIZE ABOVE AND BELOW WHERE OCCURS AT FLOOR LEVEL. DO NOT USE LAG BOLTS TO FASTEN HOLDOWNS TO WOOD MEMBERS.
 - HOLDOWN SCHEDULE IS PROVIDED FOR GENERAL INSTALLATION INFORMATION. NOT ALL OF HARDWARE SCHEDULED IS REQUIRED. SEE PLANS FOR HOLDOWN CALL-OUTS AND LOCATIONS. CONSULT MANUFACTURER FOR ADDITIONAL INFORMATION. QUANTITY OF NAILS FOR STRAPS ARE EVENLY DIVIDED BETWEEN ENDS OF STRAPS ABOVE AND BELOW THE DEPTH OF THE FLOOR SYSTEM. USE 16d COMMON NAILS, U.N.O.
 - FOR 2x STRAP CALL-OUT ON PLAN, USE DOUBLE STRAP TIES AND PROVIDE (5) 2x STUDS
 - IF SHEAR WALL REQUIRES 3x STUDS PER SHEAR WALL SCHEDULE, USE 3x INSTEAD OF 2x NOTED ON HOLDOWN SCHEDULE.



TYPICAL FLOOR/ROOF SHEATHING



TYPICAL WALL FRAMING

SECTION

N.T.S.

SHEAR WALL FOUNDATION HOLDOWN SCHEDULE

MARK REQUIRED HD.	ANCHOR TO CONCRETE			HOLDOWN TO WOOD POST (NOTE 2,4)			
	REQUIRED ANCHOR (NOTE 1)	A307 BOTTOM DBL. NUT PLATE WASHER	MINIMUM EMBEDMENT DEPTH (NOTE 5)	MINIMUM (N) FOOTING SIZE AROUND ANCHOR (NOTE 7)	FASTENER TO POST	POST (2x4 WALL)	POST (2x6 WALL)
STHD10	-	-	10" FROM T.O. STEM WALL	-	(18)16d	(2)2x4 STUDS	(2)2x6 STUDS
STHD14	-	-	14" FROM T.O. STEM WALL	-	(22)16d	(2)2x4 STUDS	(2)2x6 STUDS
HDU4	SB 5/8x24 OR 5/8"ø A307	1-3/4" SQ. x 1/2"	18" FROM T.O. STEM WALL / 9" FROM T.O. (E) STEM WALL'	-	(10)1/4"x2-1/2" SDS	(2)2x4 STUDS	(2)2x6 STUDS
HDU5	SB 5/8x24 OR 5/8"ø A307	1-3/4" SQ. x 1/2"	18" FROM T.O. STEM WALL / 10" FROM T.O. (E) STEM WALL'	-	(14)1/4"x2-1/2" SDS	(2)2x4 STUDS	(2)2x6 STUDS
HDU8	SB 7/8x24 OR 7/8"ø A307	1-3/4" SQ. x 1/2"	18" FROM T.O. STEM WALL / 12" FROM T.O. (E) STEM WALL'	-	(20)1/4"x2-1/2" SDS	4x4 POST	(3) 2x6 STUDS
HDU11	PAB8 OR 1"ø A307	2-3/4" SQ. x 5/8"	11" FROM T.O. CONT. FTG.	33" x 33"	(30)1/4"x2-1/2" SDS	4x6 POST	6x6 POST
HDU14	PAB8 OR 1"ø A307	2-3/4" SQ. x 5/8"	11" FROM T.O. CONT. FTG.	33" x 33"	(36)1/4"x2-1/2" SDS	4x6 POST	4x6 POST
HD12	PAB8 OR 1"ø A307	2-3/4" SQ. x 5/8"	11" FROM T.O. CONT. FTG.	33" x 33"	(4) 1" DIA. A307 BOLTS	(3)2x4 STUDS	(3)2x6 STUDS
HDU14 (SPECL.)	PAB8 OR 1"ø A307	2-3/4" SQ. x 5/8"	11" FROM T.O. CONT. FTG.	33" x 33"	(36)1/4"x2-1/2" SDS	4x8 POST	6x6 POST
HD12 (SPECL.)	PAB9 OR 1-1/8"ø A307	3-1/4" SQ. x 5/8"	13" FROM T.O. CONT. FTG.	38" x 38"	(4) 1" DIA. A307 BOLTS	4x8 POST	6x6 POST
HD19	PAB9 OR 1-1/8"ø A307	3-1/4" SQ. x 5/8"	13" FROM T.O. CONT. FTG.	38" x 38"	(5) 1" DIA. A307 BOLTS	4x8 POST	6x6 POST
HD19 (SPECL.)	PAB9 OR 1-1/8"ø A307	3-1/4" SQ. x 5/8"	13" FROM T.O. CONT. FTG.	38" x 38"	(5) 1" DIA. A307 BOLTS	4x8 POST	6x6 POST

- SHEAR WALL FOUNDATION HOLDOWN NOTE:**
- SIMPSON SB AND PAB CAN BE SUBSTITUTED WITH ASTM A307 HEADED ANCHOR BOLT w/ BOTTOM DOUBLE NUT AND PLATE WASHER PER SCHEDULE
 - MINIMUM WOOD MEMBER SIZE ABOVE AND BELOW WHERE OCCURS AT FLOOR LEVEL. ACCEPTABLE TO SUBSTITUTE 2x BUILT-UP POST THAT MATCHES REQUIRED POST DEPTH. DO NOT USE LAG BOLTS TO FASTEN HOLDOWNS TO WOOD MEMBERS.
 - HOLDOWN SCHEDULE IS PROVIDED FOR GENERAL INSTALLATION INFORMATION. NOT ALL OF HARDWARE SCHEDULED IS REQUIRED. SEE PLANS FOR HOLDOWN CALL-OUTS AND LOCATIONS. CONSULT MANUFACTURER FOR ADDITIONAL INFORMATION.
 - FOR SHEAR WALL REQUIRES 3x STUDS PER SHEAR WALL SCHEDULE. USE 3x INSTEAD OF 2x NOTED ON HOLDOWN SCHEDULE.
 - FOR ANCHORS CONNECTING TO EXISTING CONCRETE, DENOTED WITH (*), USE SIMPSON SET-XP EPOXY, EMBED DEPTH PER SCHEDULE. NUMBER OF REQUIRED HOLDOWN PER PLAN.
 - CAST ENLARGED FOOTING AROUND ANCHOR MONOLITHICALLY WITH CONT. FOOTING. MINIMUM FOOTING SIZE AROUND ANCHOR PER SCHEDULE, THICKEN FOOTING DEPTH TO ACHIEVE MINIMUM EMBEDMENT DEPTH PER SCHEDULE. SEE DETAIL ON THIS SHEET.
 - PROVIDE #4 @ 6"oc EA. WAY BOTTOM FOR FOOTING AROUND HOLDOWN ANCHOR.

SHEAR WALL SCHEDULE (DOUG FIR OR HEM FIR LUMBER PER GENERAL NOTES)

MARK	APA RATED SHEATHING (NOTE 1,2,4,12,13)		WALL STUD AND EDGE BLKG. (NOTE 3,6,14)	RIM JOIST OR BOARD CONNECTION TO WALL TOP PL OR SILL PL (NOTE 7,8)	WALL BOTTOM PLATE CONNECTION TO RIM JOIST OR BOARD (NOTE 8,9)	SILL PLATE ATTACHMENT TO CONCRETE (PRESSURE-TREATED)		DOUG-FIR SHEAR CAPACITY (PLF)	HEM-FIR SHEAR CAPACITY (PLF)
	APPLICATION	PANEL EDGE 8d NAIL SPACING (NOTE 4,5)				5/8"ø x 7" ANCHOR BOLT SPACING (NOTE 10,15)	SILL PLATE SIZE (NOTE 11)		
W3	ONE SIDE	0.131" x 2 1/2" @ 3"oc	2x	CLIP @ 11"oc	0.148"x3 1/4" @ 3"oc	21"oc	2x	490	455
W4	ONE SIDE	0.131" x 2 1/2" @ 4"oc	2x	CLIP @ 14"oc	0.148"x3 1/4" @ 4"oc	28"oc	2x	380	353
W6	ONE SIDE	0.131" x 2 1/2" @ 6"oc	2x	CLIP @ 20"oc	0.148"x3 1/4" @ 6"oc	40"oc	2x	260	242
2W2	BOTH SIDE	0.131" x 2 1/2" @ 2"oc STAGGERED	3x	3- CLIPS @ 12"oc	3- CLIPS @ 12"oc	10"oc	3x	1280	1190
2W3	BOTH SIDE	0.131" x 2 1/2" @ 3"oc STAGGERED	3x	2- CLIPS @ 11"oc	2- CLIPS @ 11"oc	12"oc	3x	980	912
2W4	BOTH SIDE	0.131" x 2 1/2" @ 4"oc	3x	2- CLIPS @ 14"oc	2- CLIPS @ 14"oc	18"oc	3x	760	706
2W6	BOTH SIDE	0.131" x 2 1/2" @ 6"oc	3x	2- CLIPS @ 20"oc	2- CLIPS @ 20"oc	21"oc	3x	520	484

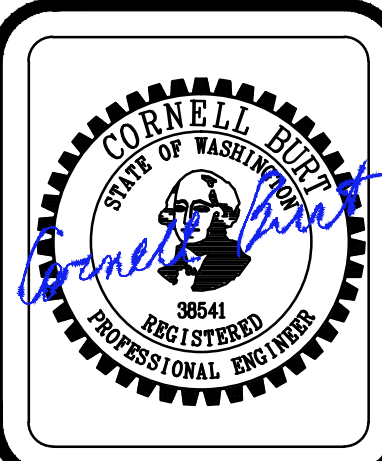
- SHEAR WALL NOTES:**
- INSTALL PANELS EITHER HORIZONTALLY OR VERTICALLY FOR ENTIRE LENGTH SHOWN ON PLANS.
 - WHERE SHEATHING IS APPLIED ON BOTH SIDES OF WALL, PANEL EDGE JOINTS ON 2x FRAMING SHALL BE STAGGERED SO THAT JOINTS ON OPPOSITE SIDES ARE NOT LOCATED ON THE SAME STUDS.
 - BLOCKING IS REQUIRED AT ALL PANEL EDGES.
 - PROVIDE SHEAR WALL SHEATHING AND NAILING FOR THE ENTIRE LENGTH OF THE WALLS INDICATED ON THE PLANS. ENDS OF FULL HEIGHT WALLS ARE DESIGNATED BY EXTERIOR OF THE BUILDING, CORRIDORS, WINDOWS, OR DOORWAYS OR AS DESIGNATED ON THE PLANS. SEE PLANS FOR HOLDOWN REQUIREMENTS. ALTERNATE WALLS DESIGNATED AS PERFORATED SHEAR WALLS REQUIRE SHEATHING ABOVE AND BELOW ALL OPENINGS.
 - SHEATHING EDGE NAILING IS REQUIRED AT ALL HOLDOWN POSTS. EDGE NAILING MAY ALSO BE REQUIRED TO EACH STUD USED IN BUILT-UP HOLDOWN POSTS. REFER TO THE HOLDOWN DETAILS FOR ADDITIONAL INFORMATION.
 - INTERMEDIATE FRAMING TO BE WITH 2x MINIMUM MEMBERS. FIELD NAILING SHALL BE AT 12"oc MAX.
 - USE 0.131x1-1/2" LONG NAILS TO ATTACH FRAMING CLIPS DIRECTLY TO FRAMING. USE 0.131x2-1/2" NAILS WHEN CLIPS ARE INSTALLED OVER SHEATHING.
 - FRAMING CLIPS ARE EITHER A36 ANGLE OR LTP4 (AT EXTERIOR FACE OF WALL SHEATHING), OR APPROVED EQUIVALENT.
 - WHERE PLATE ATTACHMENT SPECIFIES 2- ROWS OF NAILS, PROVIDE DOUBLE JOIST, RIM, OR EQUAL. ATTACH PER DETAILS.

- ALTERNATE NOTES:**
- ANCHOR BOLTS SHALL BE PROVIDED WITH 3"x3"x1/4" PLATE WASHERS. EMBED ANCHOR BOLT 7" INTO CONCRETE.
 - PRESSURE PRESERVATIVE TREATED WOOD CAN CAUSE EXCESSIVE CORROSION AND DEGRADATION OF FASTENERS. PROVIDE HOT DIPPED GALVANIZED NAILS AND CONNECTOR PLATES FOR ALL CONNECTORS IN CONTACT WITH PRESERVATIVE TREATED FRAMING MEMBERS.
 - DETAIL ALL EXTERIOR WALL TO BE W6 PER SCHEDULE, U.N.O. ON PLAN.
 - 7/16" APA RATED SHEATHING (OSB) MAY BE USED IN LIEU OF 15/32" SHEATHING PROVIDED THAT ALL STUDS ARE SPACED 18"oc AND ENGINEER OF RECORD HAS NOTIFIED IN WRITING AND APPROVES.
 - WHERE WOOD SHEATHING IS APPLIED OVER GYPSUM WALL BOARD SHEATHING (GWB), CONTACT ENGINEER OF RECORD FOR APPROVAL AND ALTERNATE FASTENING REQUIREMENTS.
 - AT ADJOINING PANEL EDGES, (2) 2x STUDS NAILED TOGETHER MAY BE USED IN LIEU OF A SINGLE 3x STUD. DOUBLE 2x STUDS MAY BE CONNECTED TOGETHER WITH 3" NAILS OF THE SAME SPACING AND DIAMETER AS THE PLATE NAILING.
 - CONTACT ENGINEER OF RECORD FOR ADHESIVE OR EXPANSION BOLT ALTERNATIVES TO CAST-IN-PLACE ANCHOR BOLTS. TYPICALLY SET ADHESIVE WILL BE ALLOWED AS AN ALTERNATE.
 - ALL ANCHOR BOLTS SHALL HAVE PLATE WASHER 3"x3"x1/4" PLATE WASHERS TO BE SLOTTED SO WASHERS IS WITHIN 1/2" OF FACE OF SHEATHING.

ROOF NAILING SCHEDULE

ZONE	NAIL SPACING CONTINUOUS EDGES	NAIL SPACING @ OTHER EDGES	NAIL SPACING @ INTERMEDIATE SUPPORT	STIFFENERS
1	0.148"ø @ 6"oc AT SUPPORTED EDGES	N/A	0.131"ø @ 12"oc	(UNBLOCKED)

- ROOF NAILING NOTE:**
- ALL NAILS SHALL BE 10d COMMON (0.148"ø) w/ 1-1/2" MIN. PENETRATION INTO FRAMING.
 - ALL NAILS TO BE FLUSH DRIVEN & SHALL NOT FRACTURE PLYWOOD SURFACE.
 - PROVIDE 3/8" MIN. CLEARANCE BETWEEN NAIL CENTERLINE AND PANEL EDGE.
 - PROVIDE 2 ROWS 10d @ 4"oc EA. ROW AT EXTERIOR DIAPHRAGM BOUNDARIES, (BLDG. PERIMETER) TYP. (U.N.O.)
 - AT STEEL STRAP TIE LOCATIONS, NAIL ALL HOLES w/ 1-1/2" MIN. PENETRATION INTO SAWN LUMBER FRAMING. DO NOT USE 10d x 1-1/2" NAILS AS SPECIFIED IN SUPPLIER LITERATURE.
 - ZONE 1 APPLIES TO ROOF NAILING, U.N.O.



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FRAMING SECTIONS

REVISIONS:

1	REVISION 3-12-20
2	REVISION 7-28-20

CADD FILE:

DATE: 01-20-20
DRAWN:
CHECKED: C. BURT

S2.5