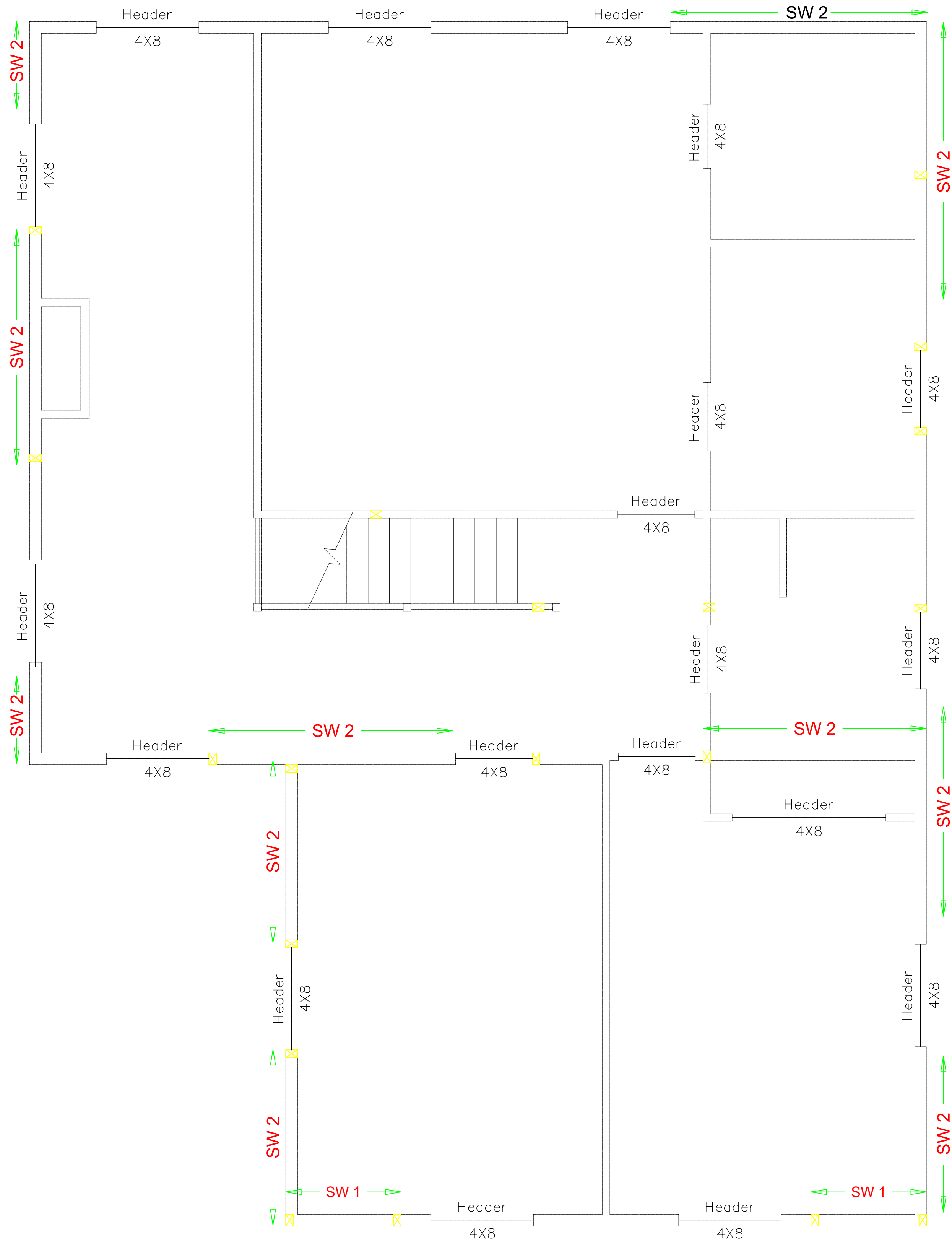


**PROPOSED CUSTOM RES FOR  
ZEHR-ADDITION/ REMODEL**

**STRUCTURAL DRAWINGS**




2ND FLOOR FRAMING PLAN

REVISIONS:					

SHEET TITLE:

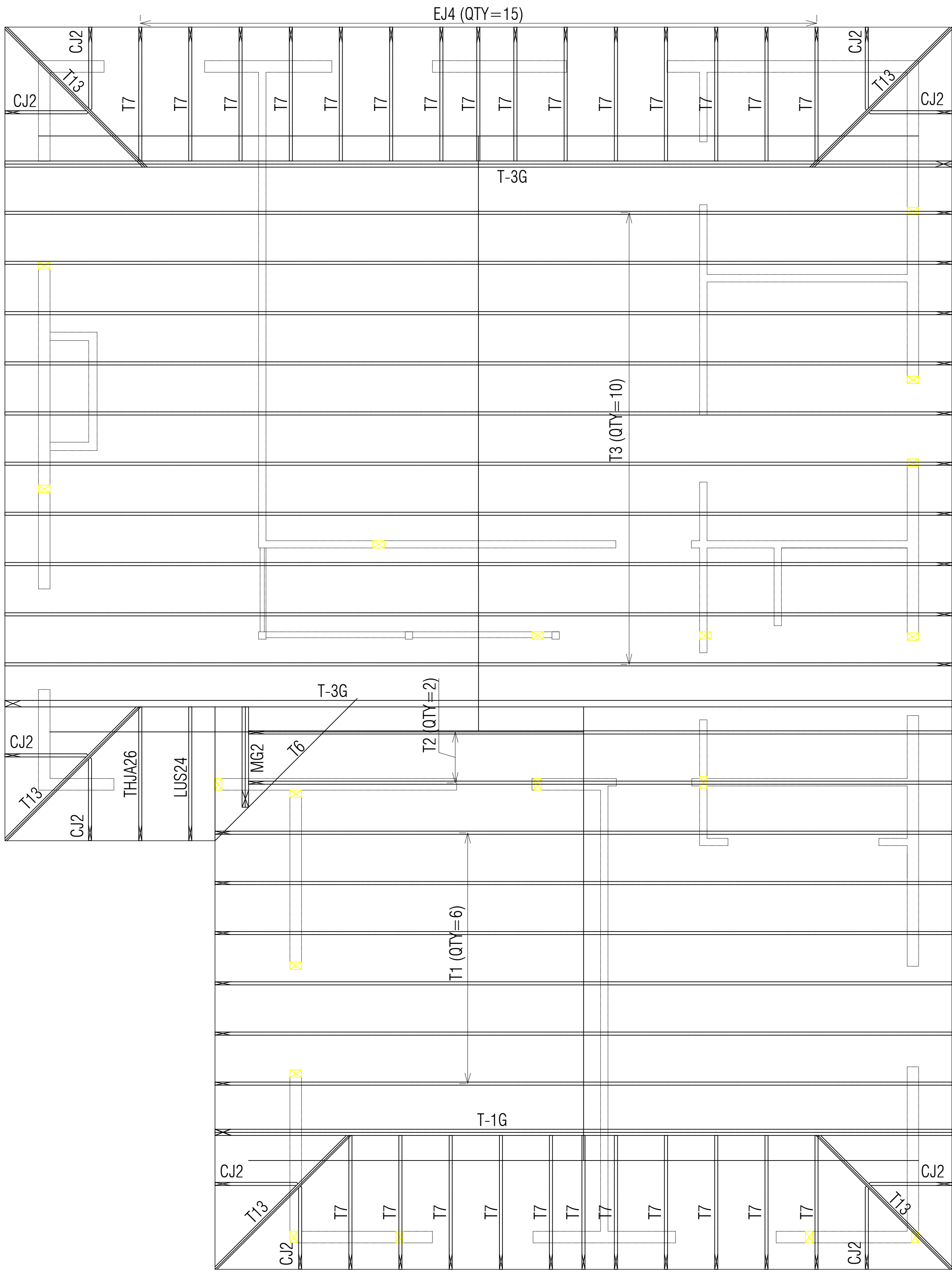
2ND FLOOR FRAMING PLAN

ULRICH BROS. CONST. INC.  
535 Maple St. NE  
Albany, OR 97222  
(503) 885-1800  
CDD# 28829



PROJECT:  
PROPOSED CUSTOM RES. FOR:  
ZEHR-ADDITION / REMODEL

DRAWN BY:	D.L.
DATE:	16-01-25
PLOT DATE:	
SCALE:	AS NOTED
SHEET NO:	S-01



TRUSS LAYOUT PLAN


TOTAL TRUSS QUANTITY=69  
Roof Plan Sheathing Area = 1990 sq. ft  
Gable Sheathing Area = 276 sq. ft  
Total Sheathing Area = 2266 sq. ft  
Fascia Material = 174 linear ft  
Valley Flashing Material = 22 linear ft  
Ridge cap Material = 33 linear ft  
Hip Ridge Material = 79 linear ft

REVISIONS:					

SHEET TITLE:

TRUSS LAYOUT PLAN

ULRICH BROS. CONST. INC.  
535 Maple St. NE  
Albany, OR 97322  
(503) 886-1800  
CDD# 28829



PROJECT:  
PROPOSED CUSTOM RES. FOR:  
ZEHR-ADDITION / REMODEL

DRAWN BY: D.L.

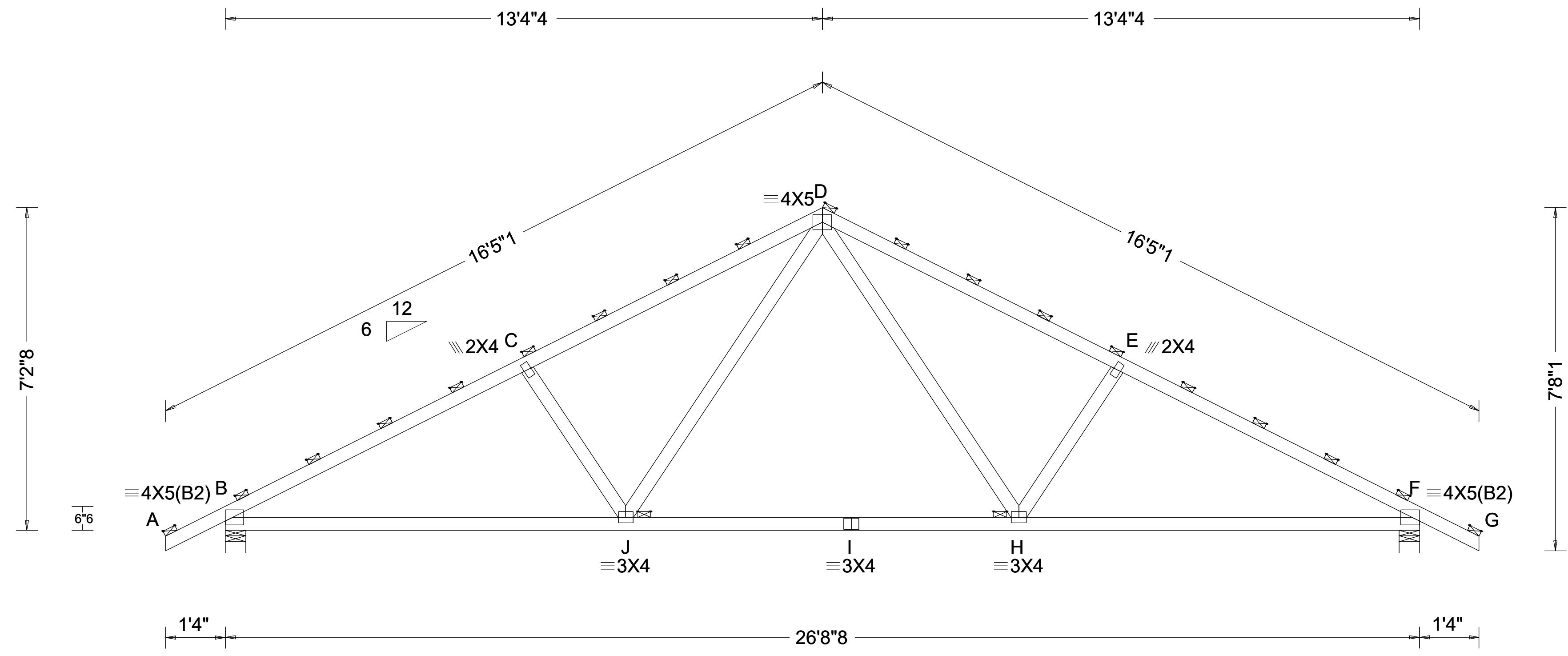
DATE: 16-01-25

PLOT DATE:

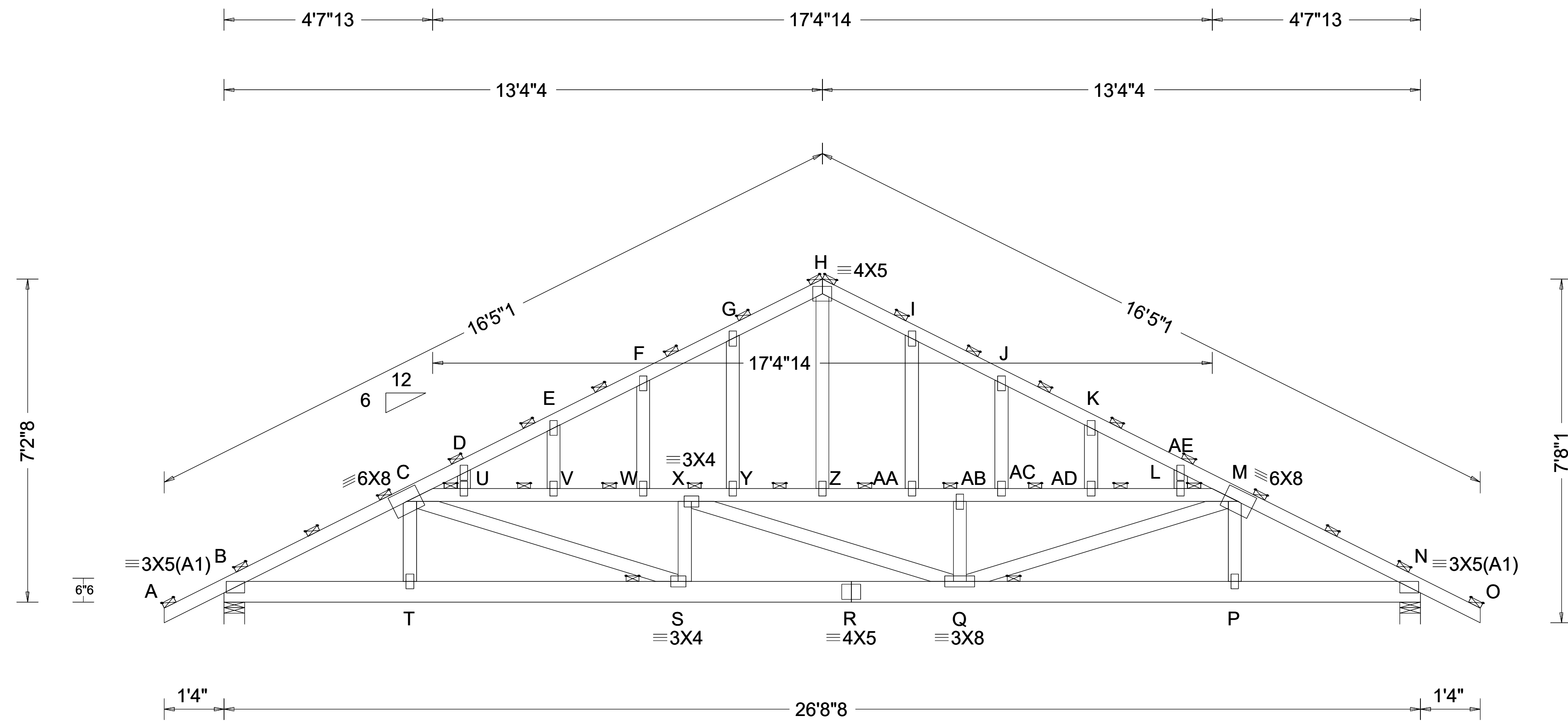
SCALE: AS NOTED

SHEET NO:

S-02



TRUSS T1

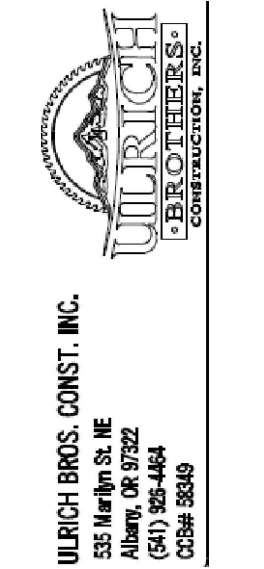


TRUSS T1G

REVISIONS:	

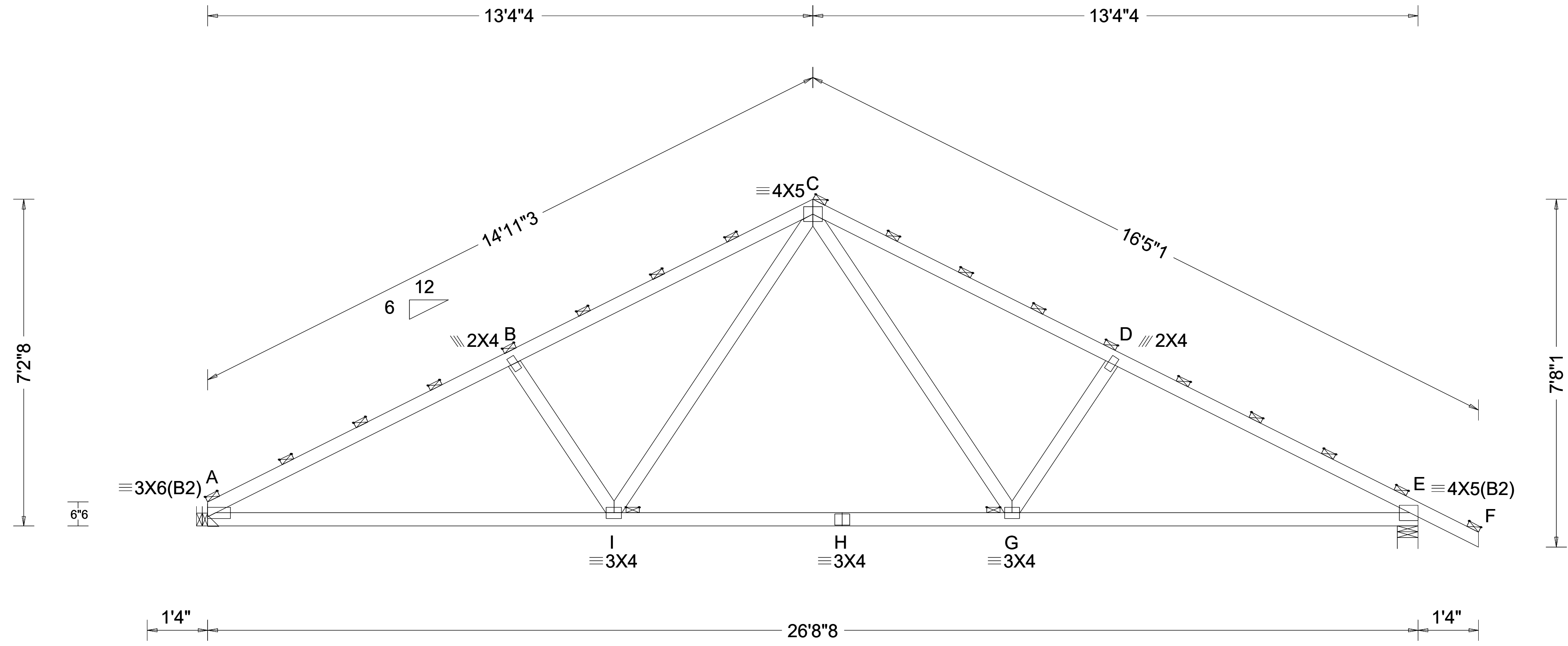
TRUSS ELEVATION

SHEET TITLE:

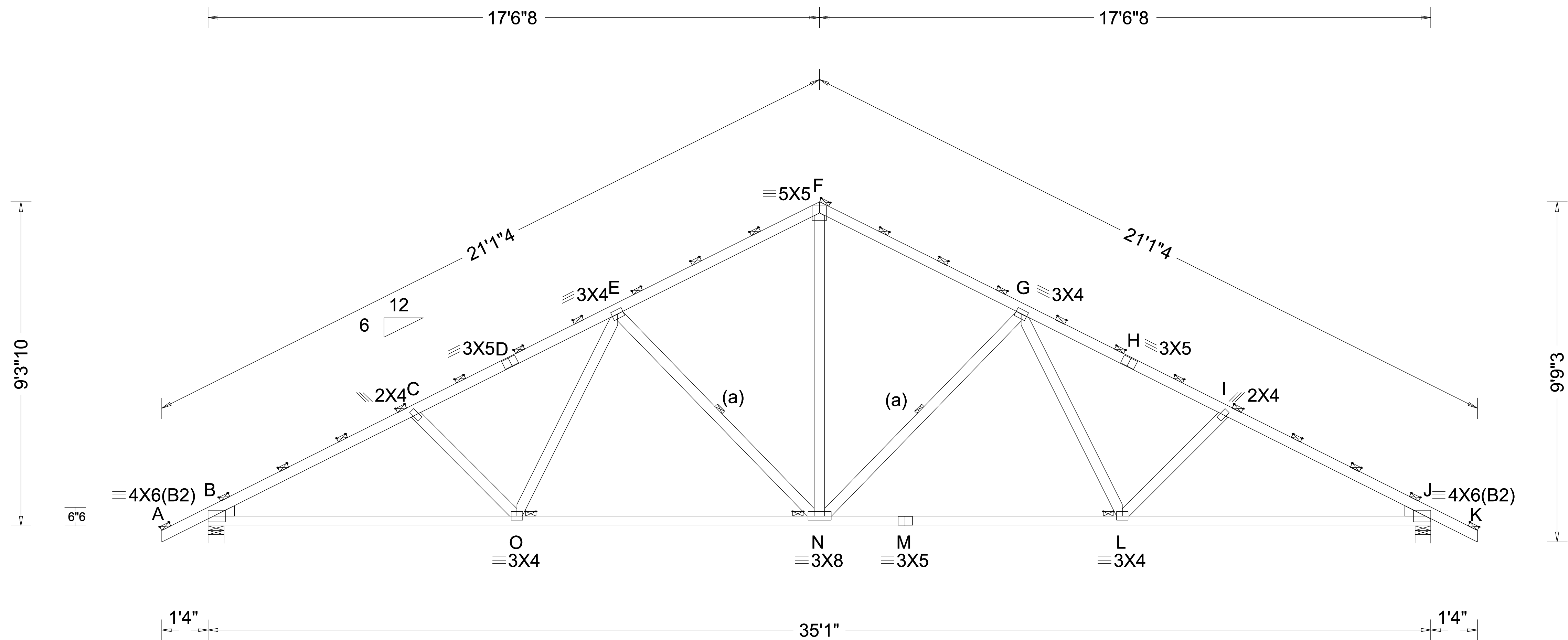


PROJECT: PROPOSED CUSTOM RES. FOR:  
ZEHR-ADDITION / REMODEL

DRAWN BY: D.L.  
DATE: 1-6-01-25  
PLOT DATE:  
SCALE: AS NOTED  
SHEET NO:



TRUSS T2

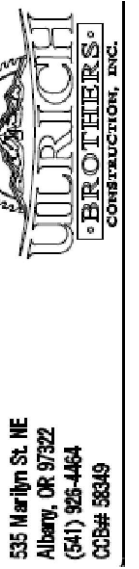


TRUSS T3

REVISIONS:

TRUSS ELEVATION

SHEET TITLE:

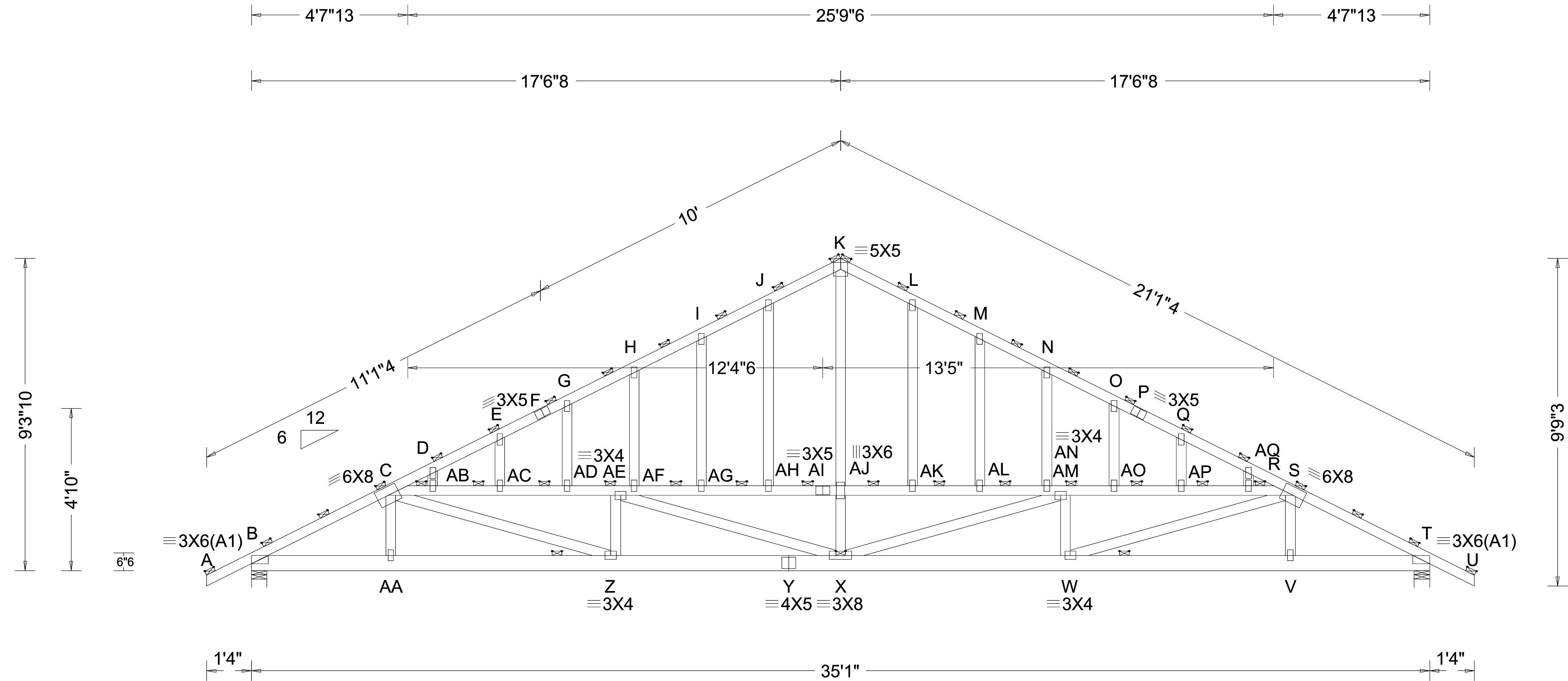


PROJECT:  
PROPOSED CUSTOM RES. FOR:

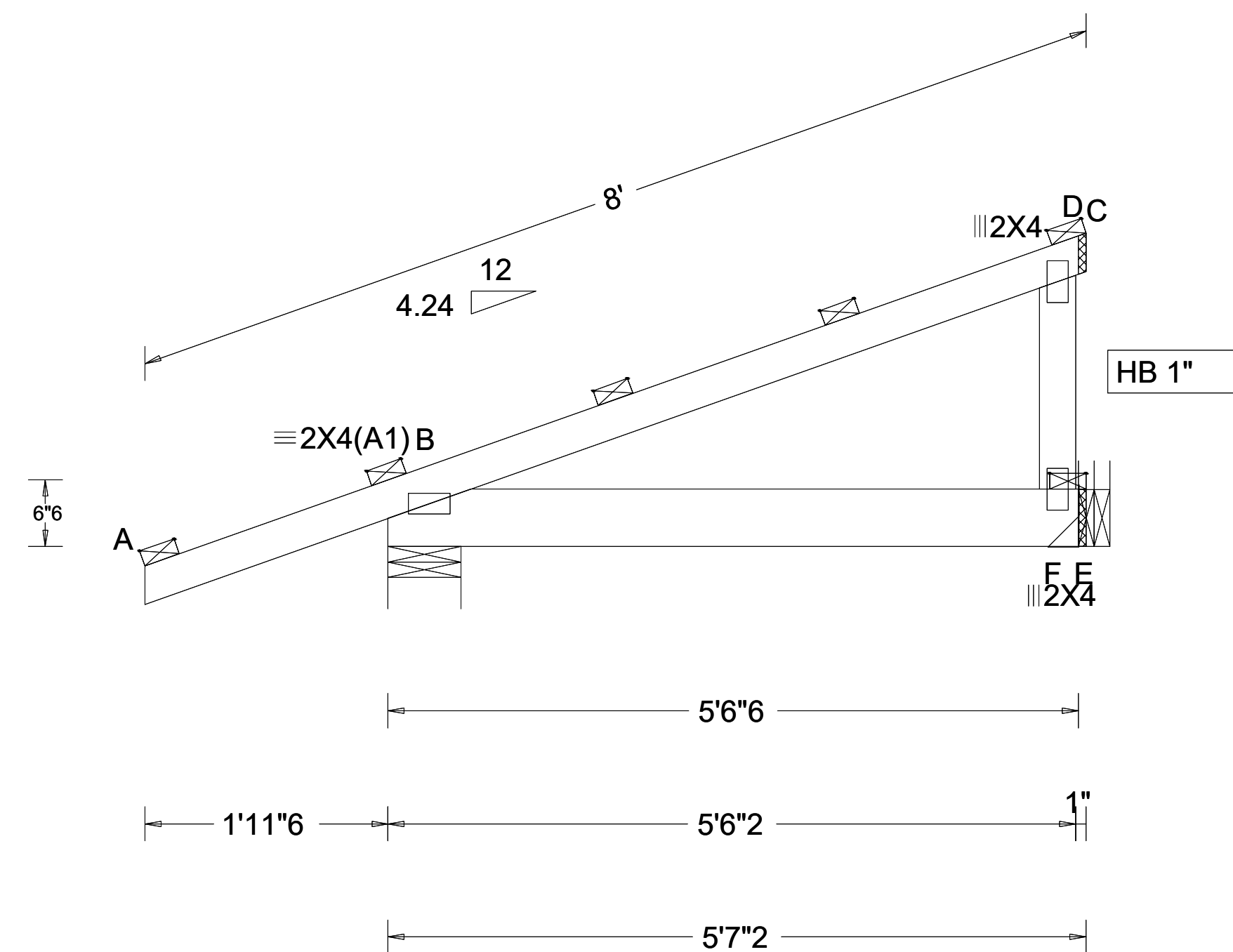
ZEHR-ADDITION / REMODEL

DRAWN BY: D.L.  
DATE: 10-01-25  
PLOT DATE:  
SCALE: AS NOTED  
SHEET NO:

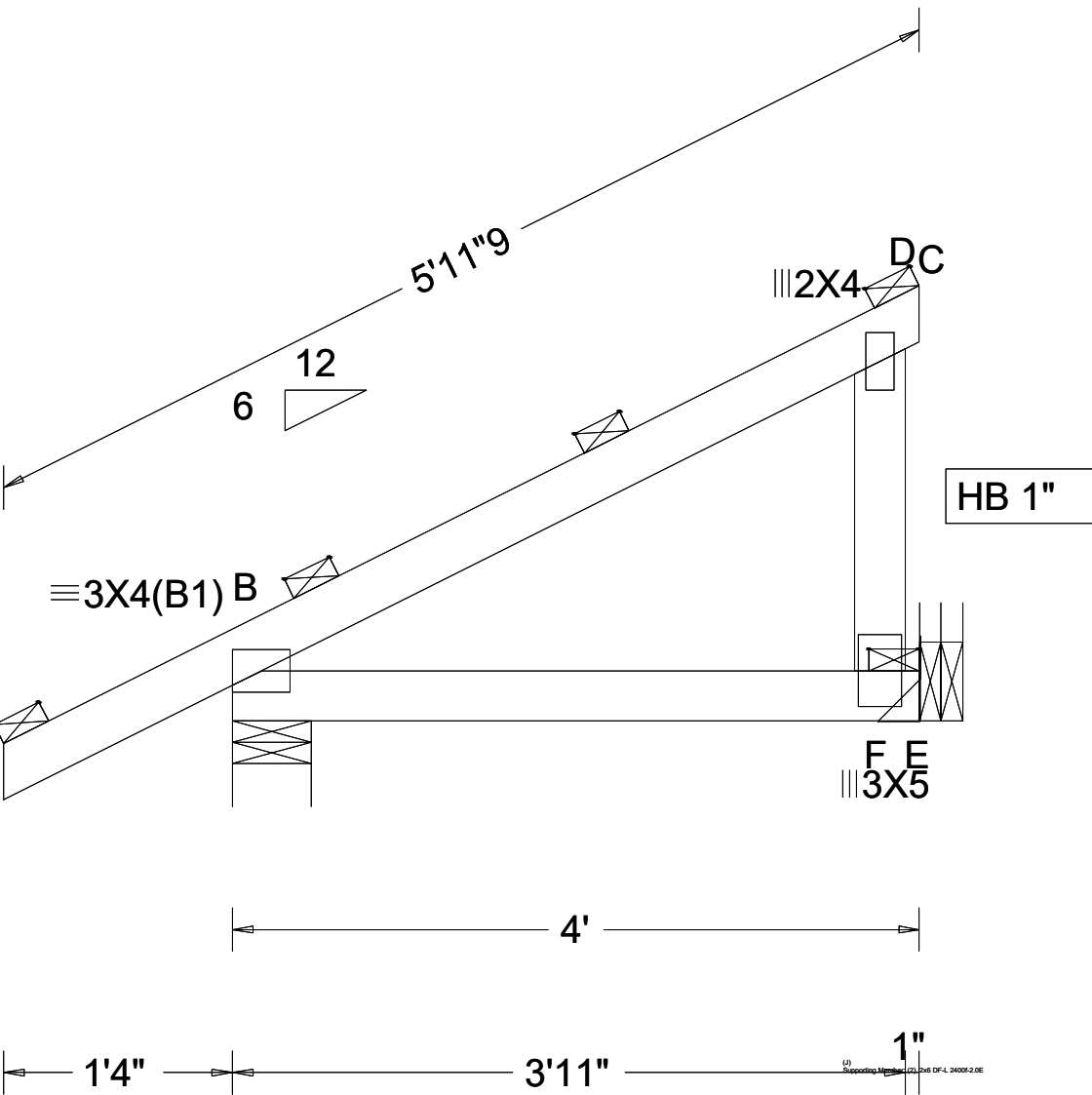
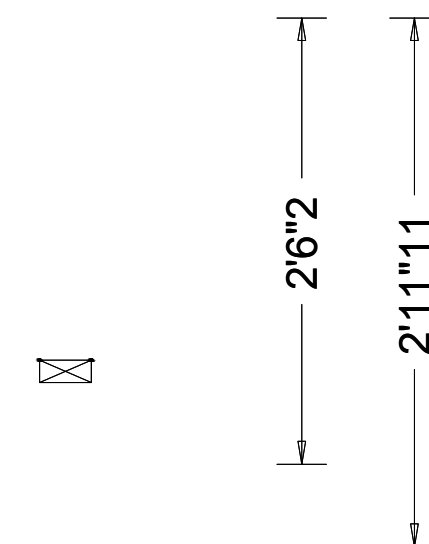
S-04



TRUSS T3G



TRUSS T6



TRUSS T7

REVISIONS:	

TRUSS ELEVATION

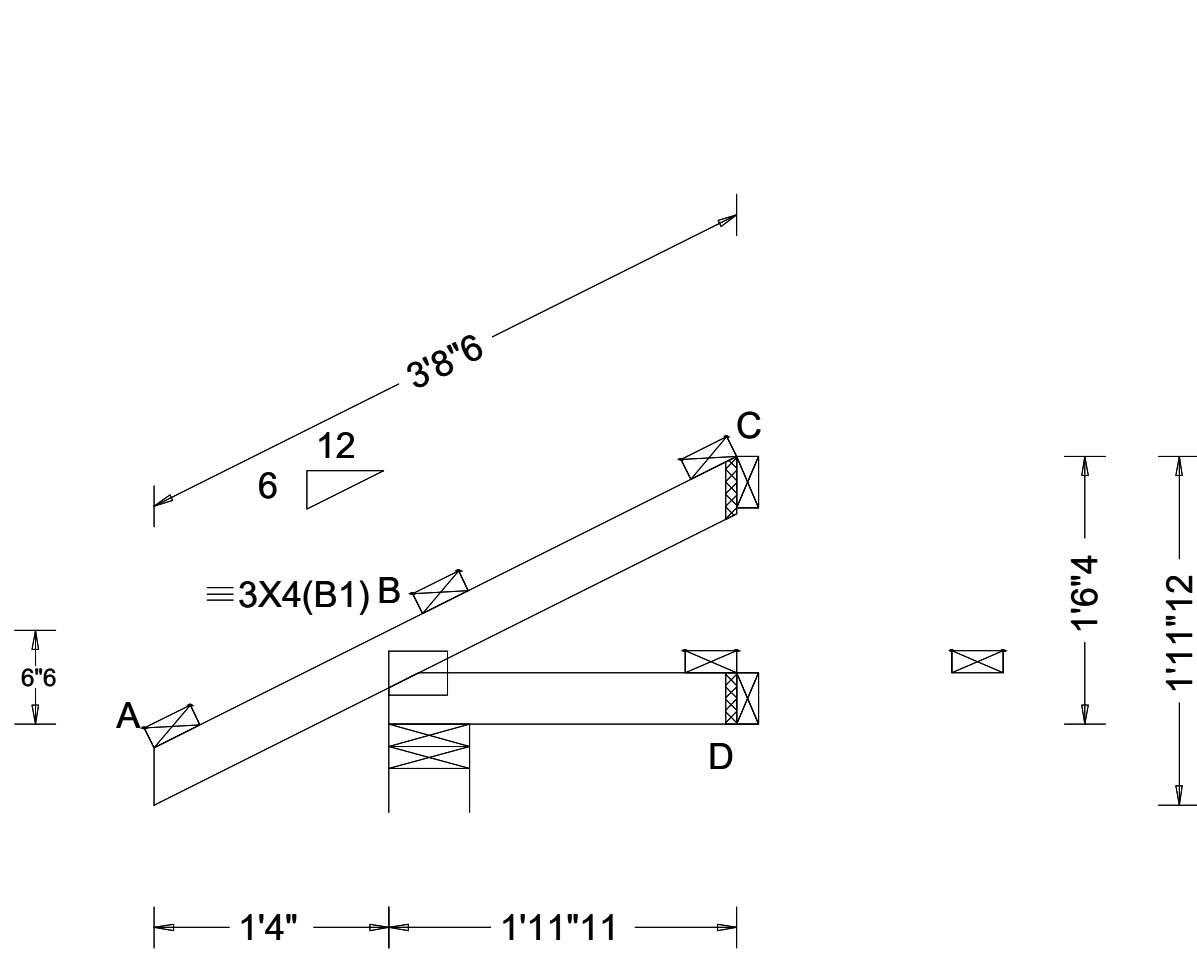
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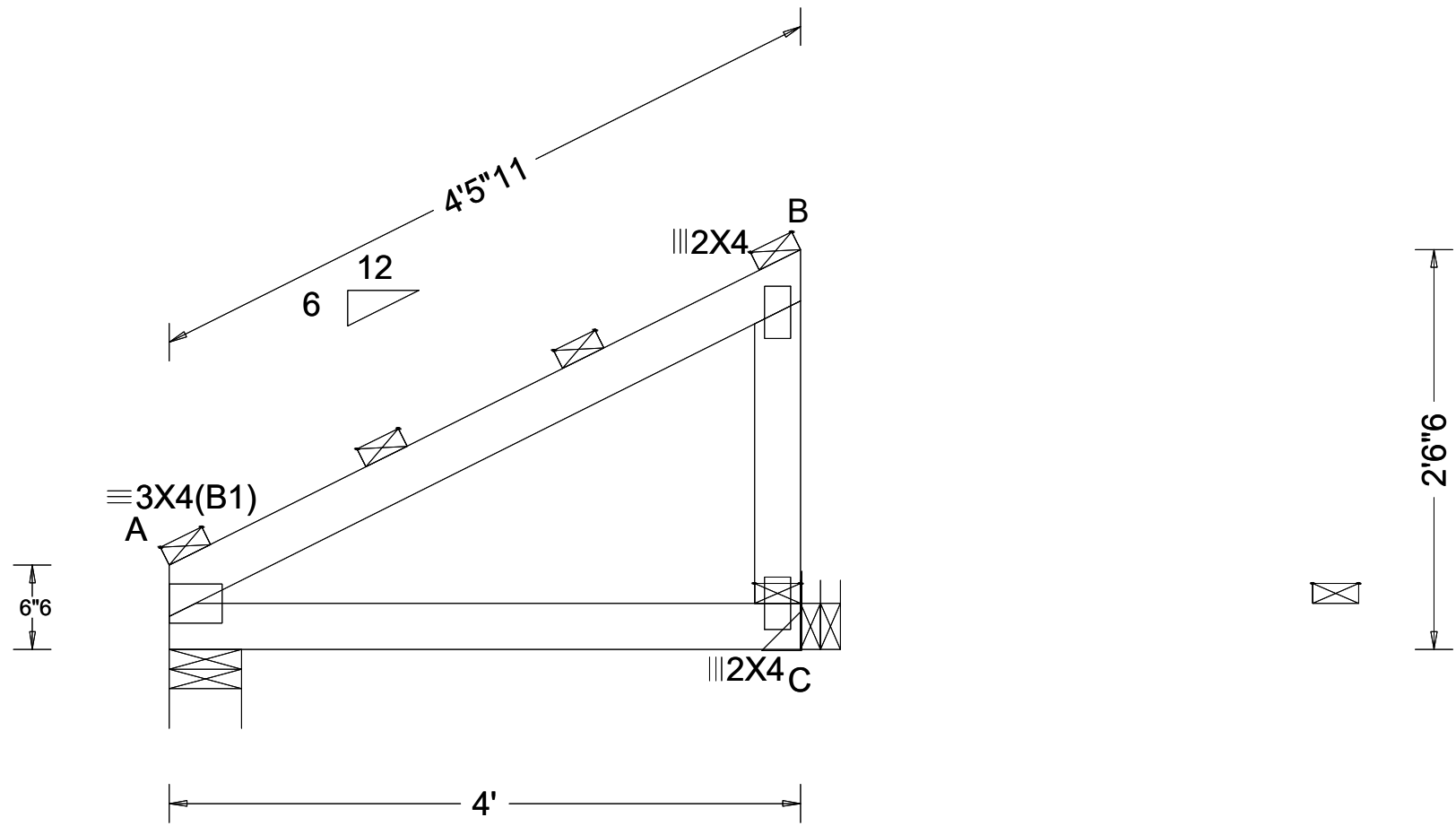
PROJECT: PROPOSED CUSTOM RES. FOR:  
ZEHR-ADDITION / REMODEL

DRAWN BY: D.L.  
DATE: 1-6-01-25  
PLOT DATE:  
SCALE: AS NOTED  
SHEET NO:

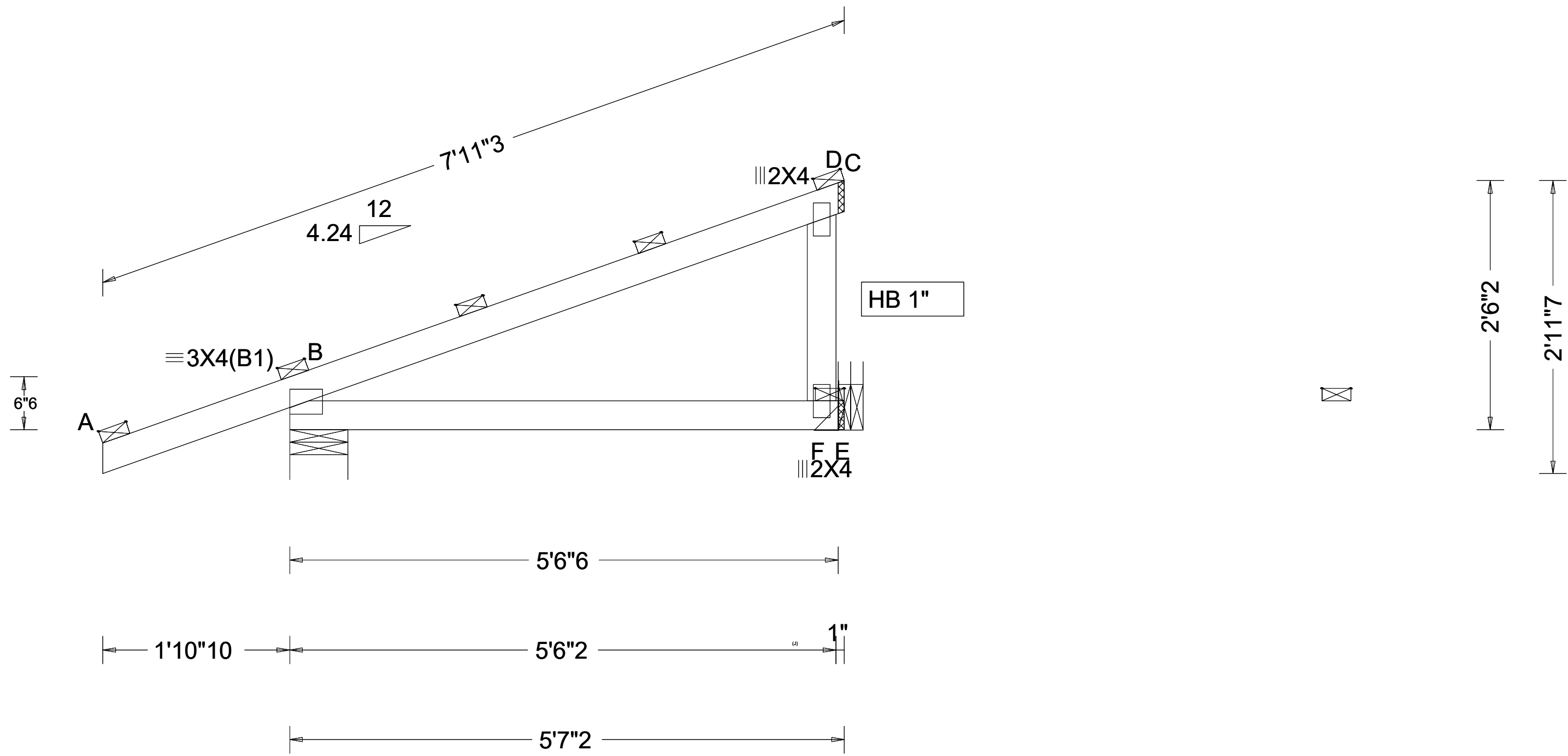
S-05



TRUSS CJ2



TRUSS MG2



TRUSS MG13

REVISIONS:					

# TRUSS ELEVATION

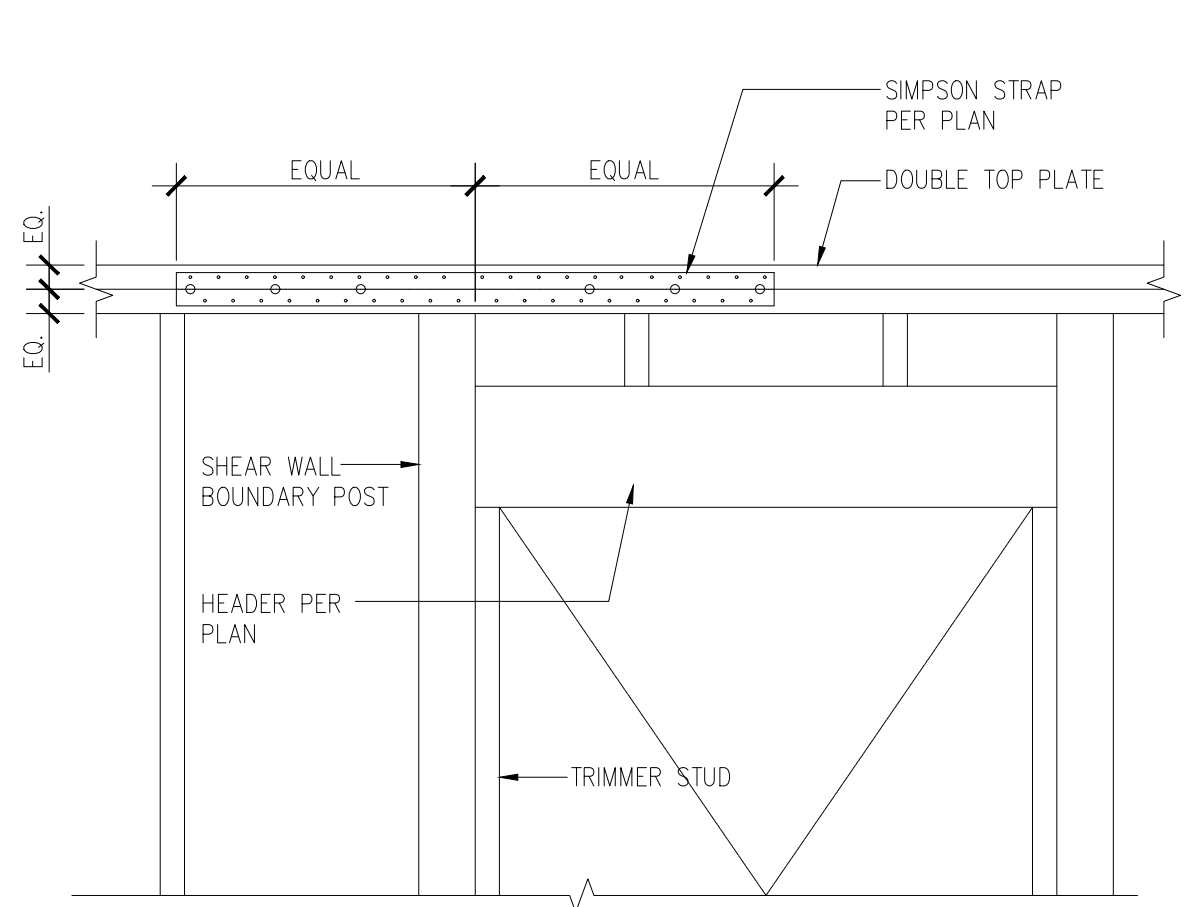
ULRICH BROS. CONST. INC.  
 225 Maple St. NE  
 Atlanta, GA 30301  
 (404) 525-4444  
 C034-8849

PROJECT: PROPOSED CUSTOM RES. FOR:  
 ZEHR-ADDITION / REMODEL

DRAWN BY: D.L.  
 DATE: 1-G-01-25  
 PLOT DATE:  
 SCALE: AS NOTED  
 SHEET NO:

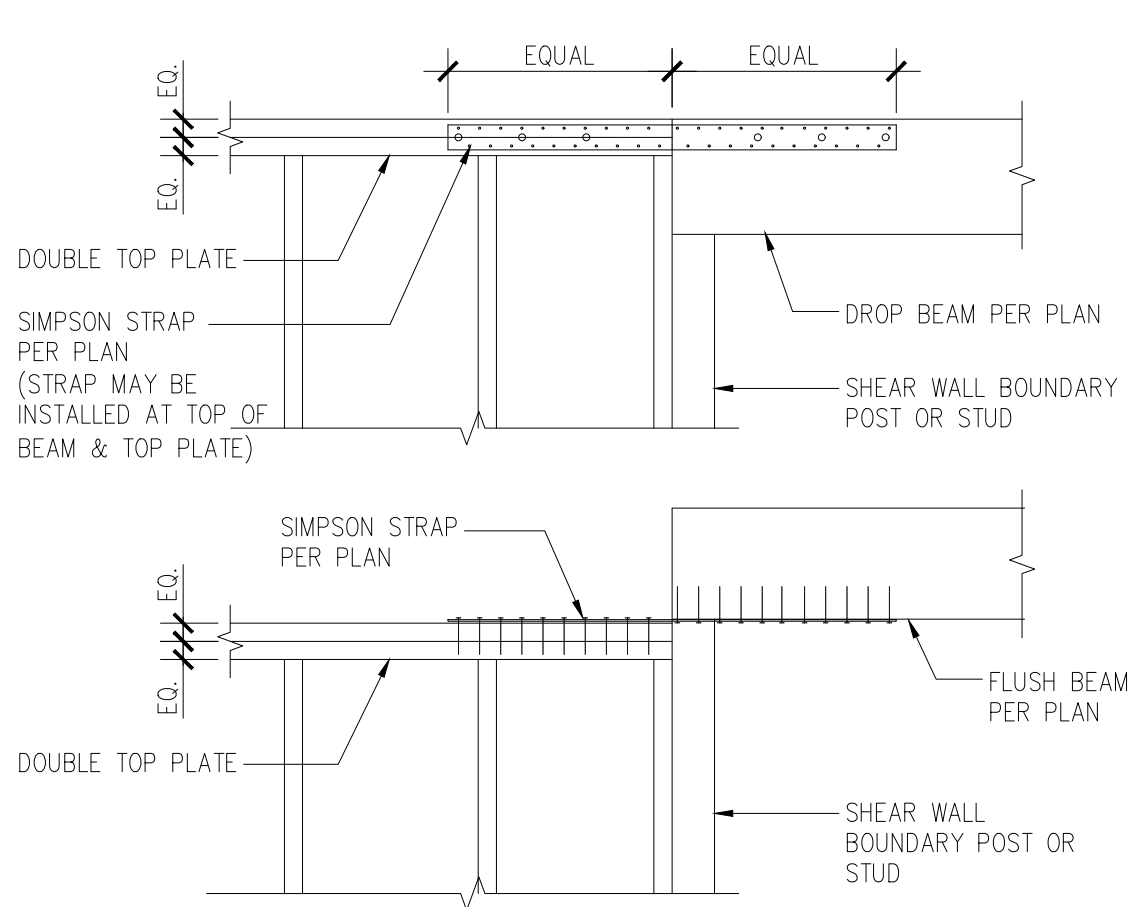
S-06



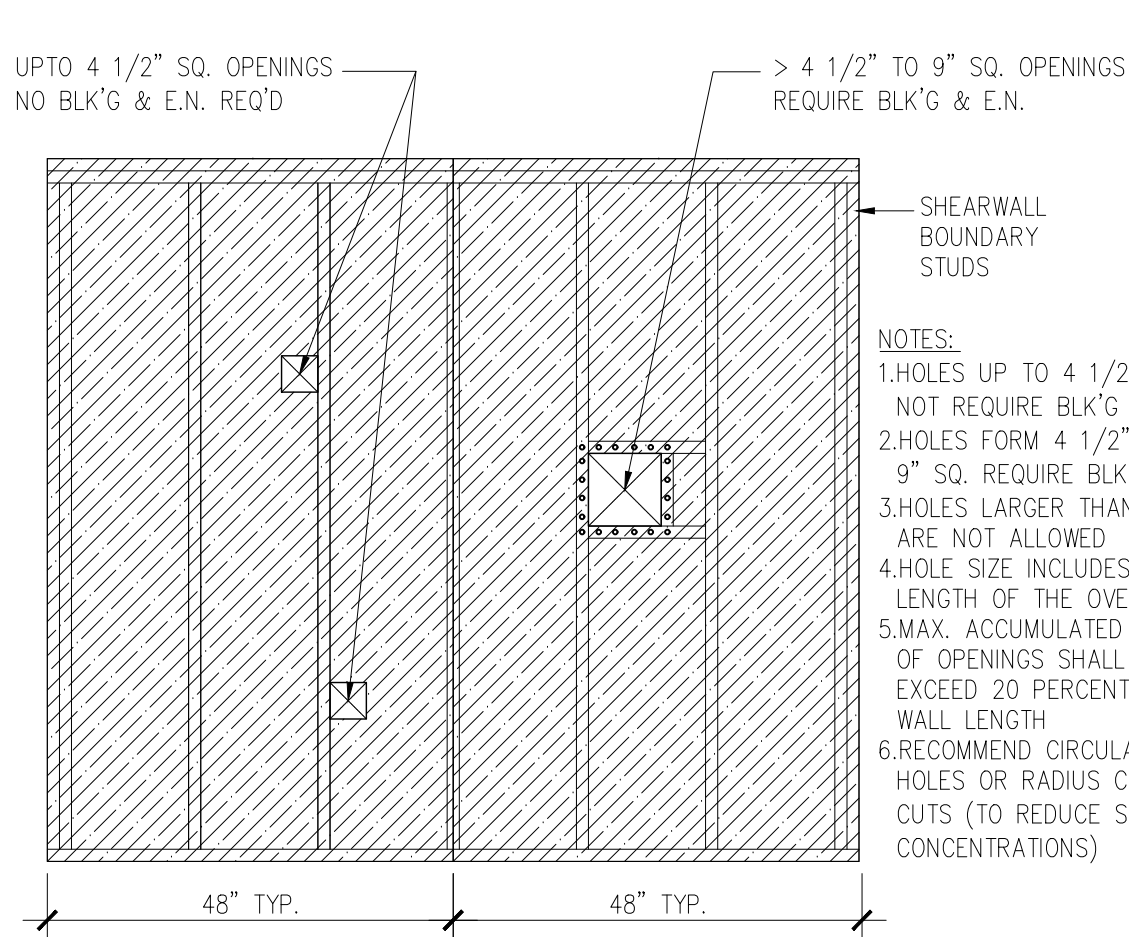


DRAG STRUT CONNECTION

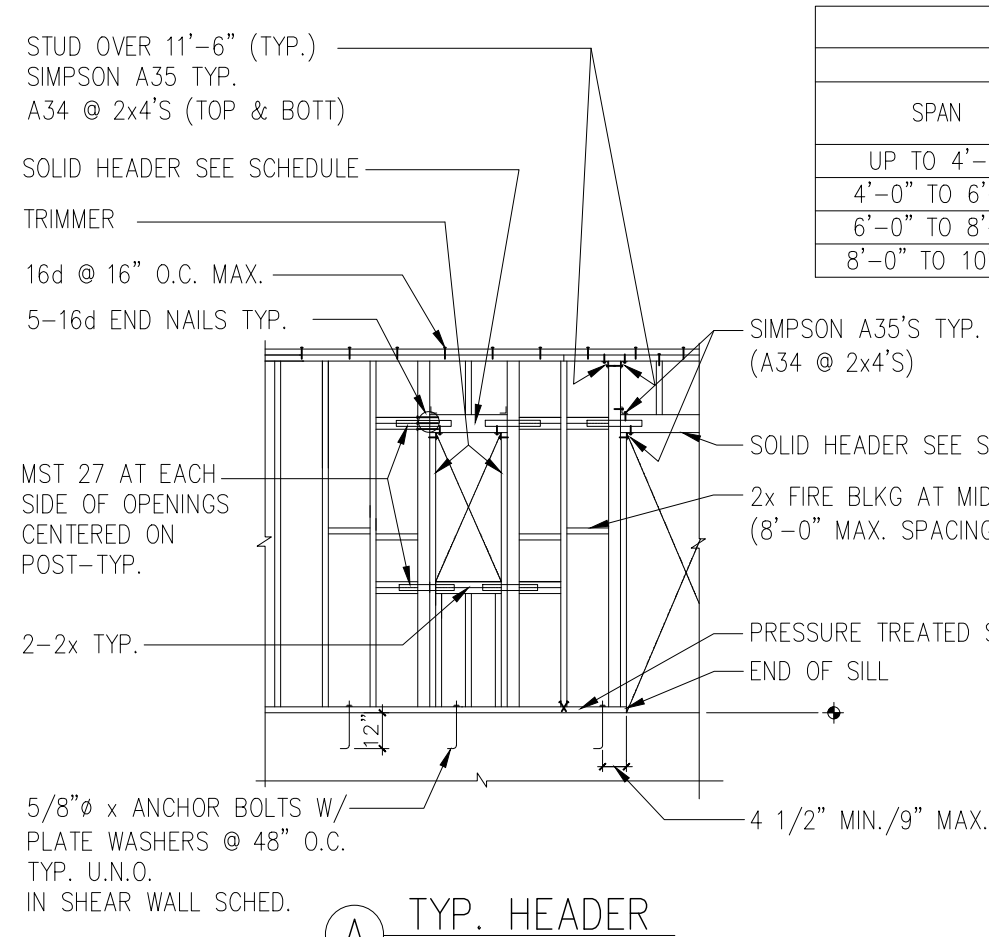
1 DRAG AT DROP BEAM / FLUSH BEAM



2 SHEAR WALL PENETRATIONS

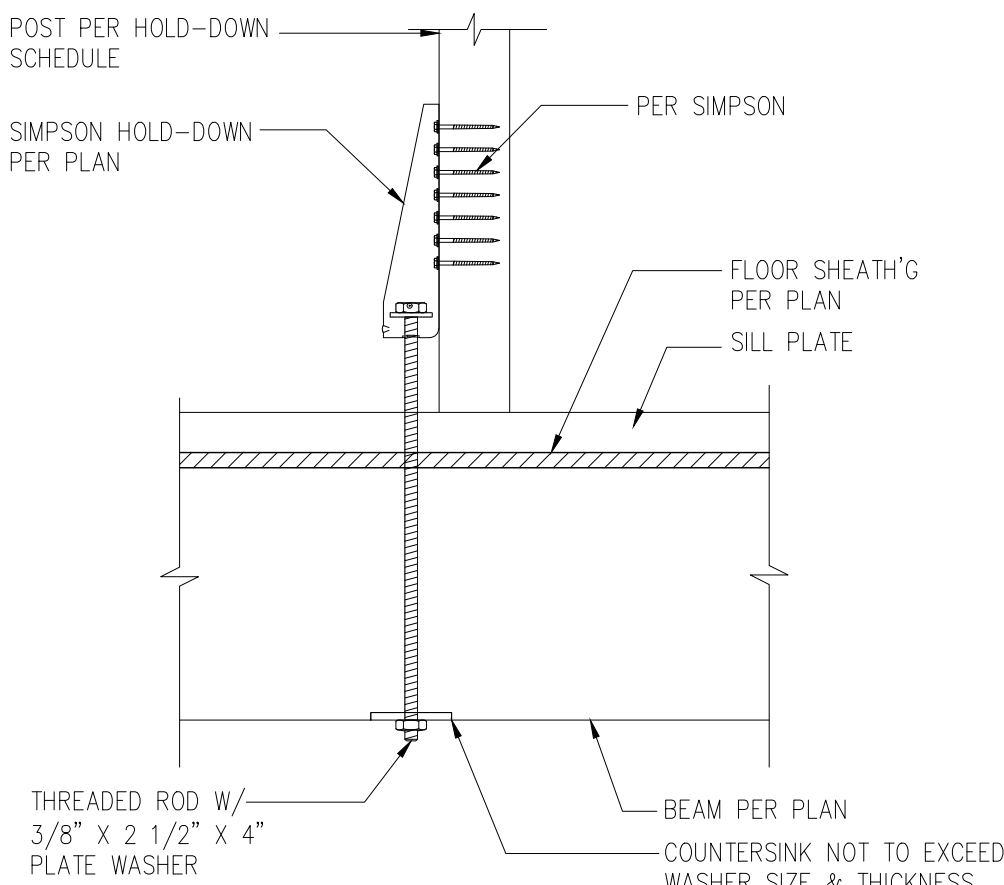
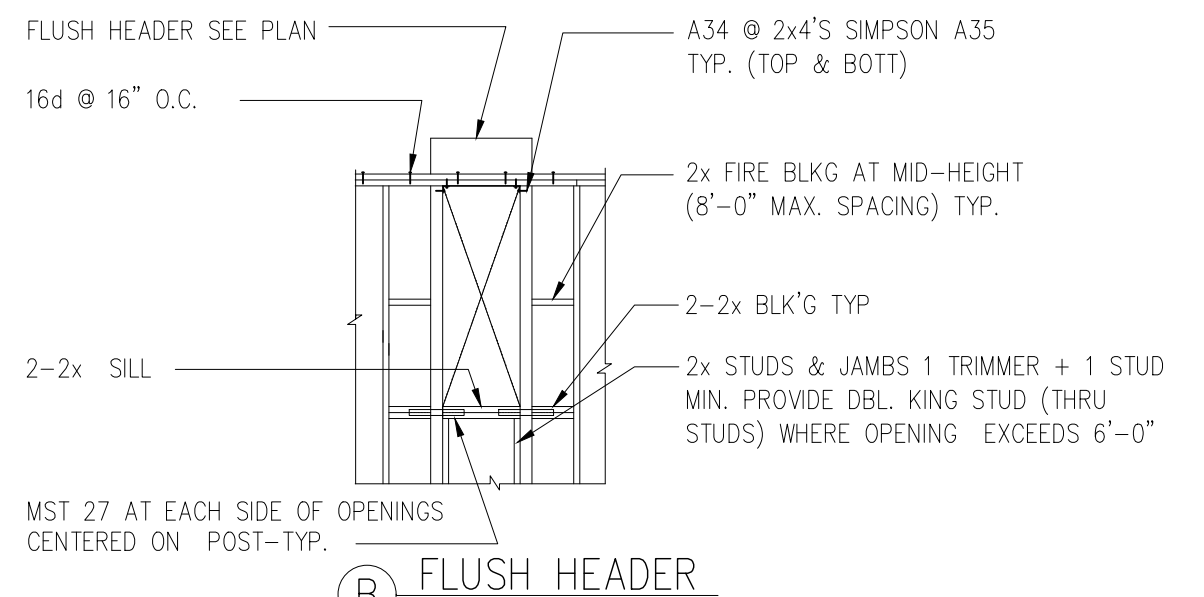


3 TYP. HEADER DETAILS & SCHEDULE



HEADER SCHEDULE							
NON BEARING				BEARING			
SPAN	NOMINAL DEPTH	FLOOR	ROOF	SPAN	NOMINAL DEPTH	FLOOR	ROOF
UP TO 4'-0"	6	4	1-2x	UP TO 3'-0"	8	8	1-2x
4'-0" TO 6'-0"	8	6	2-2x	3'-0" TO 5'-0"	10	8	2-2x
6'-0" TO 8'-0"	10	8	2-2x	5'-0" TO 6'-0"	12	10	2-2x
8'-0" TO 10'-0"	12	10	3-2x	6'-0" TO 8'-0"	-	12	3-2x

NOTES:  
1. HEADERS, KING STUDS AND OTHER MUST37 AT EACH REFERENCES ON PLAN GOVERN OVER TYPICAL DETAIL.  
2. SEE SHEAR WALL PLYWOOD NAILING DETAIL FOR ADDITIONAL INFORMATION.  
3. AT WOOD FRAMED WALLS USE SILL CONNECTION PER SHEAR WALL SCHEDULE U.N.O.



HOLD-DOWN ABOVE WOOD BEAM

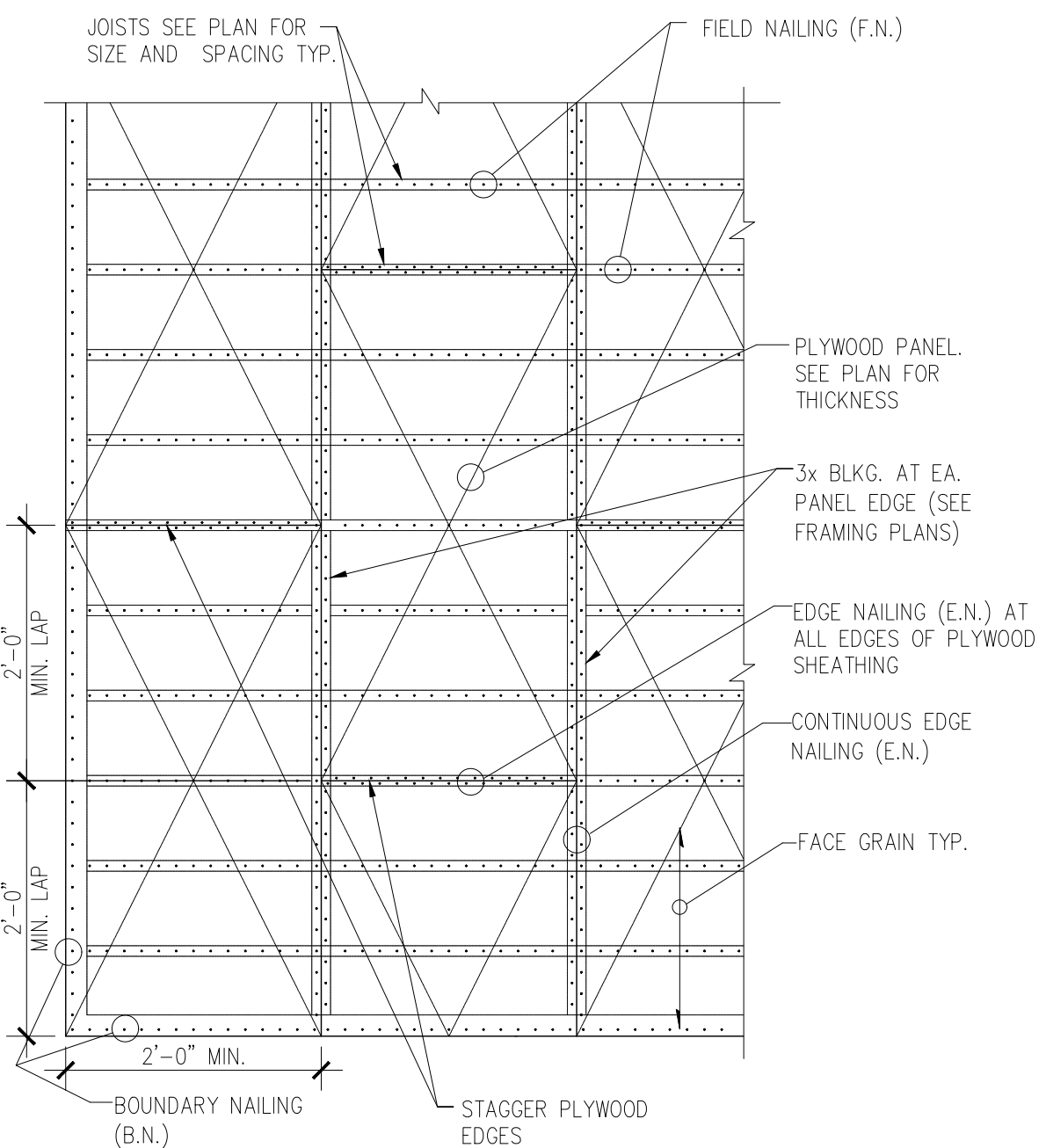
5

SHEAR WALL SCHEDULE									
MARK	MATERIAL	NO. OF SIDES	NAILING		A35 SHEAR CLIPS	SILL PLATE ATTACHMENT U.N.O. ⑦		ALLOWABLE SHEAR FOR SEISMIC/WIND (#/FT)	REMARKS
			EDGE (E.N.)	FIELD (F.N.)		FRAMED FLOOR ⑧ ⑨	⑤ FOUNDATION (A307 BOLTS)		
①	15/32" STRUCT-I PLYWD (PI 32/16) 5-PLY	1	10d @ 3" O.C.	10d @ 12" O.C.	8" O.C.	3/8" DIA. x 7" LAG @ 12" O.C.	5/8" A.B. @ 24" O.C.	665	①②③④
②	15/32" STRUCT-I PLYWD (PI 32/16) 5-PLY	1	10d @ 4" O.C.	10d @ 12" O.C.	8" O.C.	3/8" DIA. x 7" LAG @ 16" O.C.	5/8" A.B. @ 32" O.C.	510	①②③④

HOLD-DOWN SCHEDULE						HOLD-DOWN SUBSTITUTE "E" (ONLY BETWEEN FLOORS) SEE DETAIL E
HOLD-DOWN TYPE	*A"	THREADED BOLT "B"	"C" ③	"B1"	"C1"	
②	HDU2	PER MANUF. 5/8" DIA. 12"	SSTB24	1"-8"	2-2x4 or 4x4	MST48
④	HDU4	PER MANUF. 5/8" DIA. 16"	SSTB24	1"-8"	2-2x4 or 4x4	MST60
⑤	HDU5	PER MANUF. 5/8" DIA. 20"	SSTB36	2'-5"	2-2x4 or 4x4	MST72
⑧	HDU8	PER MANUF. 7/8" DIA. 24"	SSTB36	2'-5"	4x6	
⑪	HDU11	PER MANUF. 1" DIA. 24"	SSTB36	2'-5"	4x8	
⑭	HDU14	PER MANUF. 1" DIA. 24"	SSTB36	2'-5"	4x8	

PLATE WASHER SCHEDULE	
BOLT SIZE (INCHES)	PLATE WASHER SIZE (INCHES)
1/2	3/16 x 2 x 2
5/8	1/4 x 2-1/2 x 2-1/2
3/4	5/16 x 2-3/4 x 2-3/4
7/8	5/16 x 3 x 3
1	3/8 x 3-1/2 x 3-1/2

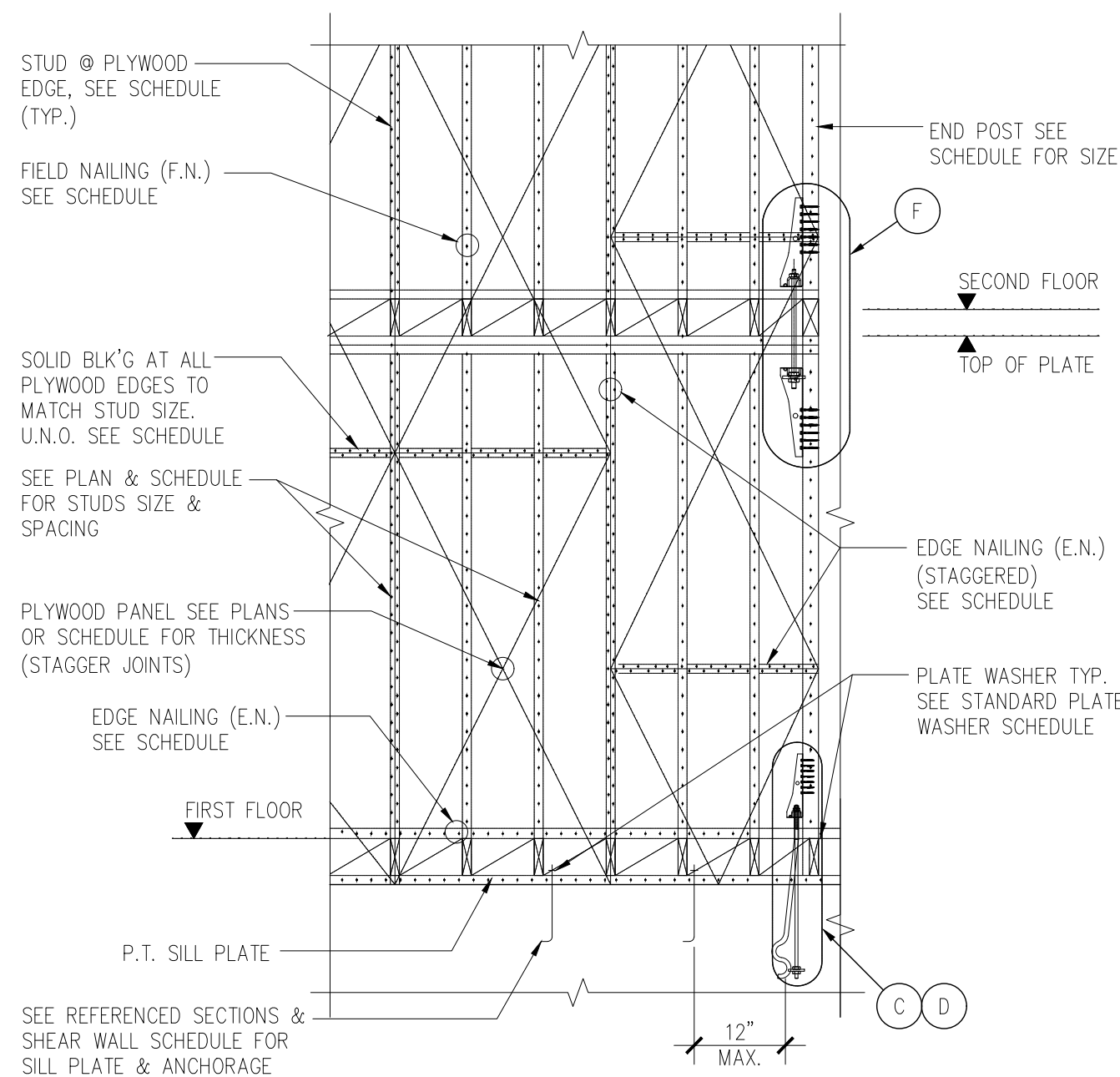
HOLD-DOWN NOTES:  
① PROVIDE MIN. POST SIZE AS INDICATED, INCREASE SIZE TO MATCH WALL THICKNESS.  
② FOR HDU11 & HDU14, ADD 1-#5 TOP & BOTTOM TO THE FOOTING REINFORCEMENT.



NOTES:  
1. PROVIDE NAIL SIZE AND SPACING AS NOTED ON PLANS.  
2. ALL PLYWOOD END JOINTS SHALL BE STAGGERED 2'-0" MIN AS INDICATED.  
3. LONG DIMENSION OF PLYWOOD SHEATHING SHALL BE LAID PERPENDICULAR TO JOIST.  
4. PROVIDE MIN. 3/8" EDGE DISTANCE FOR PLYWOOD EDGE NAILING.  
5. USE TONGUE AND GROOVE PLYWOOD AT ALL UNBLOCKED FLOOR. U.N.O.  
6. NAILS TO BE OVER-DRIVEN THRU PLYWOOD TOP LAYER.  
7. PROVIDE 1/16" GAP BETWEEN PLYWOOD SHEATHING.

TYP. FLOOR AND ROOF SHEATHING

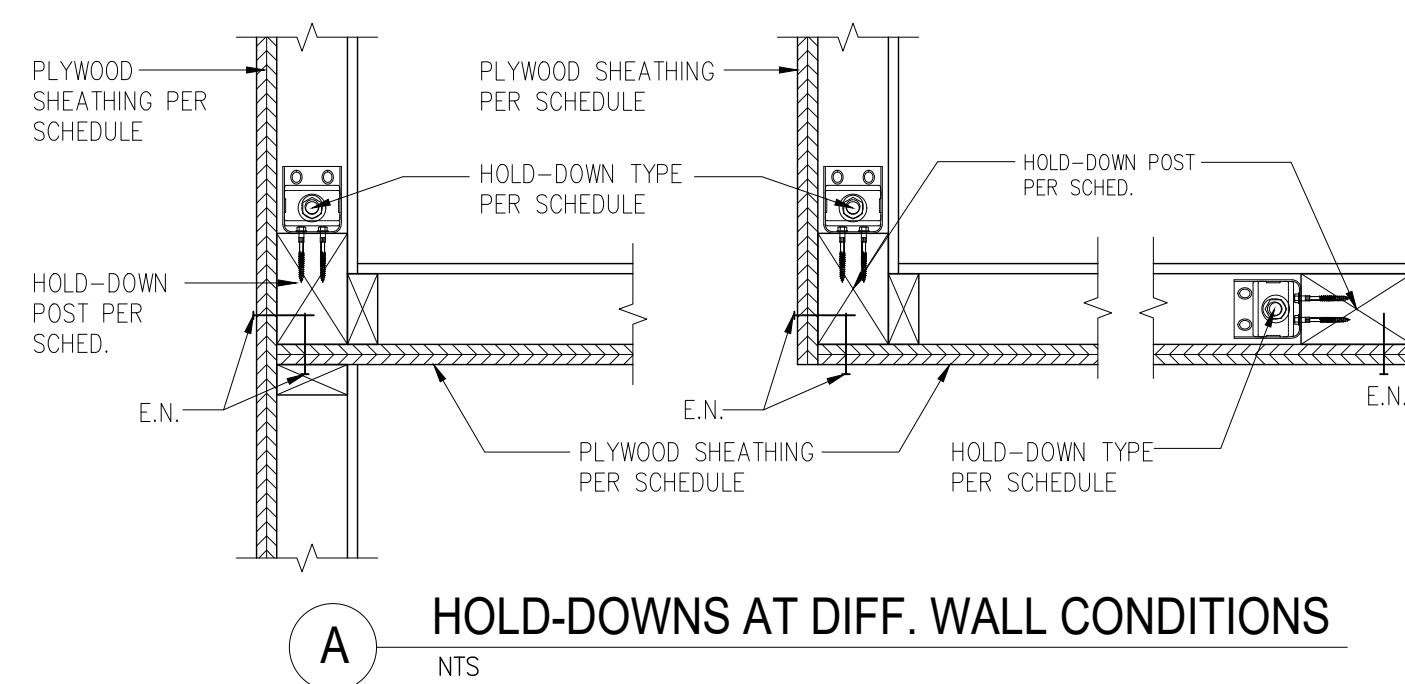
6 TYP. SHEAR WALL SCHEDULE AND DETAIL FOR 2-STOREY



B SHEAR WALL & HOLD-DOWN

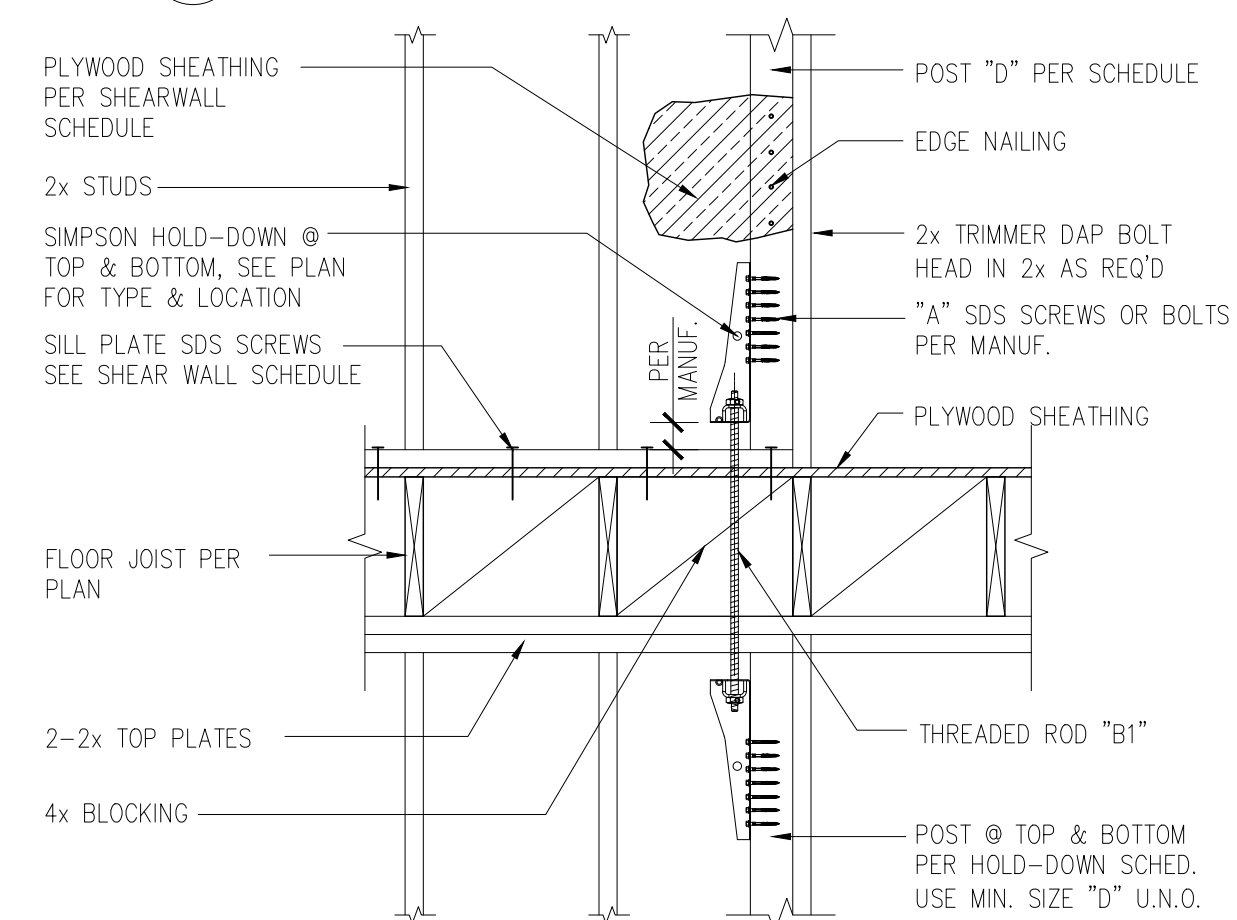
NOTES:

- FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" (INCH) NOMINAL OR THICKER (i.e. MIN 3x VERTICAL STUDS AND BLOCKING). NAILS SHALL BE STAGGERED IN TWO LINES ALONG PANEL EDGES WHERE NAILS ARE SPACED 2" INCHES ON CENTER OR WHEN 10d COMMON NAILS SPACED 3" O.C. PENETRATE FRAMING MINIMUM OF 1 1/2".
- WHERE PLYWOOD APPLIES ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" INCHES ON CENTER ON EITHER SIDE. PANEL JOINTS SHALL HAVE MIN 3x (VERTICAL STUDS & BLOCKING) AND NAILS SHALL BE STAGGERED. OFFSET PANEL JOINTS TO FALL ON DIFFERENT FRAMING MEMBER WHERE PLYWOOD IS PLACED AT BOTH FACES.
- NAILS SHALL BE PLACED NOT LESS THAN 3/8" INCH FROM PANEL EDGES.
- FOR HOLD-DOWNS AT THE END OF THE SHEAR WALL, SEE PLANS AND SCHEDULE. PROVIDE PLATE WASHER PER STANDARD PLATE WASHER SCHEDULE AT ALL SILL PLATE ANCHOR BOLTS AND AT ALL HOLD-DOWN BOLTS CONNECTED TO VERTICAL POSTS.
- USE WELDED STUD BOLTS OF SAME SIZE & SPACING AS OF SILL PLATE ANCHOR BOLTS, WHERE STEEL BEAM OCCURS UNDER SHEAR WALL.
- PROVIDE DOUBLE PARALLAM BLOCKING TO ACCOMMODATE 2 ROWS OF SIMPSON SDS SCREWS
- FOUNDATION AND WALL SILL PLATE SHALL BE 2x U.N.O. - USE 3 x SILL PLATE WHEN ALLOWABLE SHEAR EXCEEDS 350#/FT.
- SIMPSON SDS 1/4"x6" WOOD SCREWS. TYP. USE TB1475S INTO NAILER AT STEEL BEAMS.
- WHERE 2-2x SILL PLATES ARE USED SCREW LOWER PLATE TO FRAMING BELOW. DRILL HOLE IN UPPER SILL PLATE FOR SCREW HEAD SO THAT UPPER PLATE SITS FLAT ON LOW SILL PLATE.

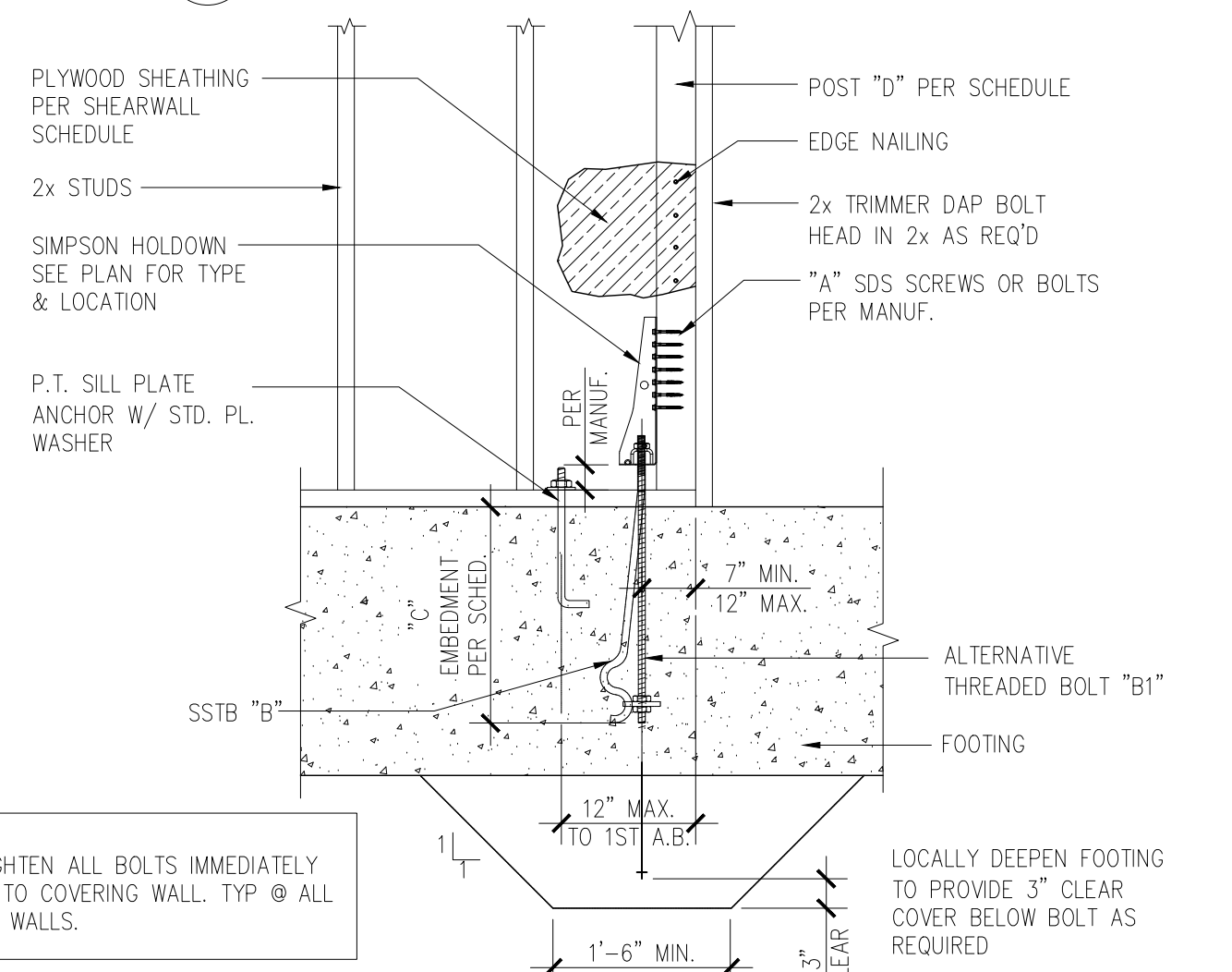


A HOLD-DOWNS AT DIFF. WALL CONDITIONS

E HOLD-DOWN STRAP BETWEEN FLOORS



D HOLD-DOWN IN-BETWEEN FLOORS



NOTE:  
RE-TIGHTEN ALL BOLTS IMMEDIATELY PRIOR TO COVERING WALL. TYP @ ALL SHEAR WALLS.

C HOLD-DOWN TO FOUNDATION

W/ CONCRETE SLAB ON GRADE

REVISIONS:

DETAILS

SHEET TITLE:



ULRICH BROS. CONST. INC.  
35 Maple St. NE  
Atlanta, GA 30309  
(404) 525-4644  
CDB# 8849

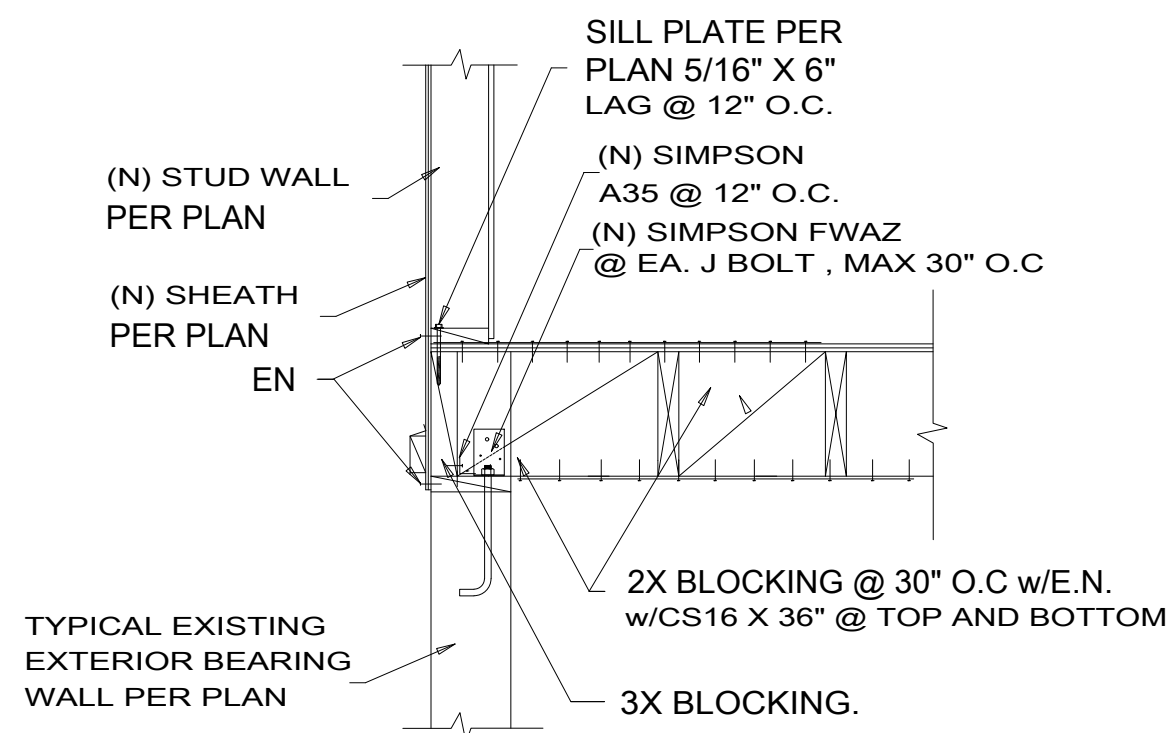
PROJECT: PROPOSED CUSTOM RES. FOR:

ZEHR-ADDITION / REMODEL

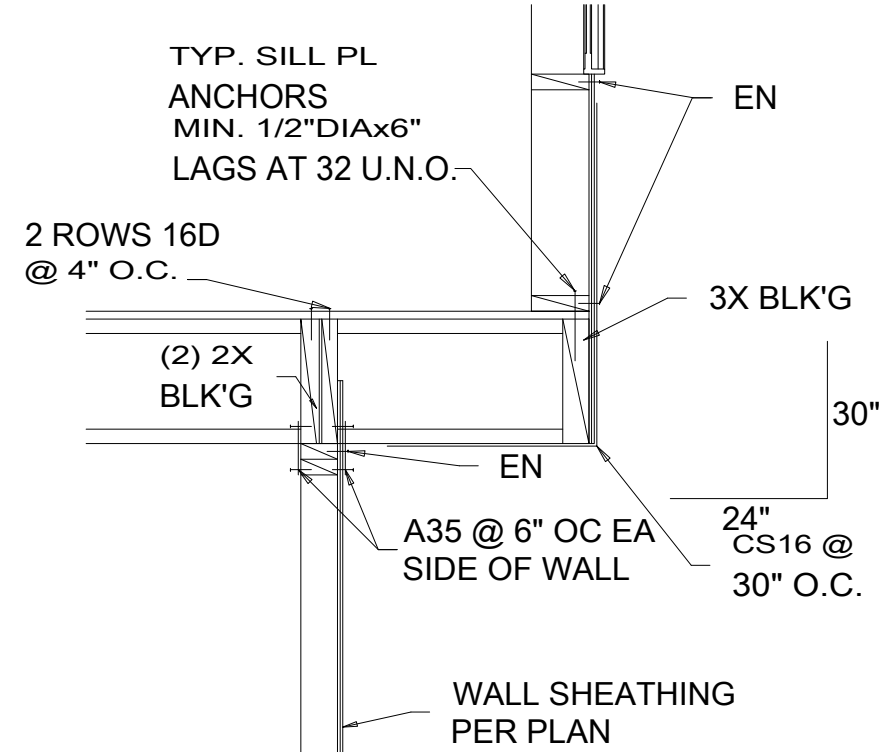
DRAWN BY: D.L.  
DATE: 16-01-25  
PLOT DATE:  
SCALE: AS NOTED  
SHEET NO:

S-07

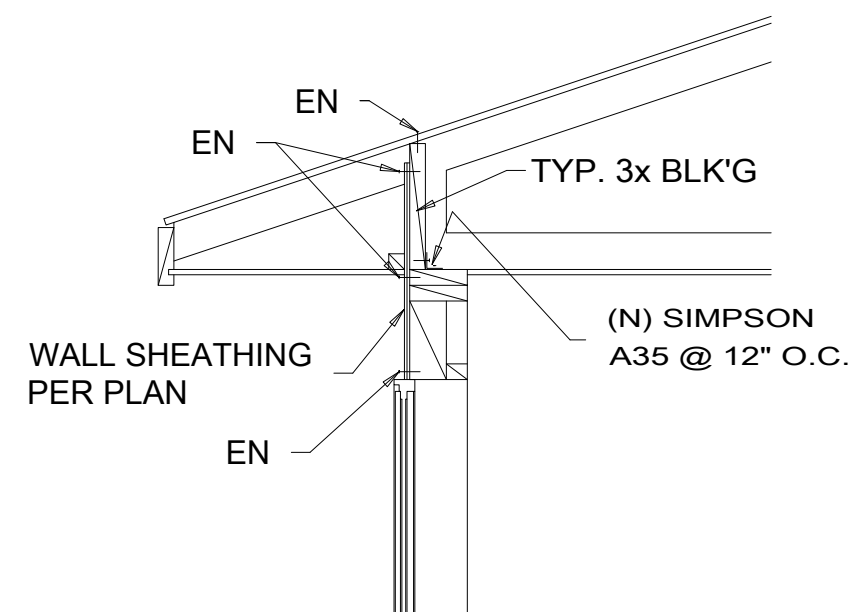




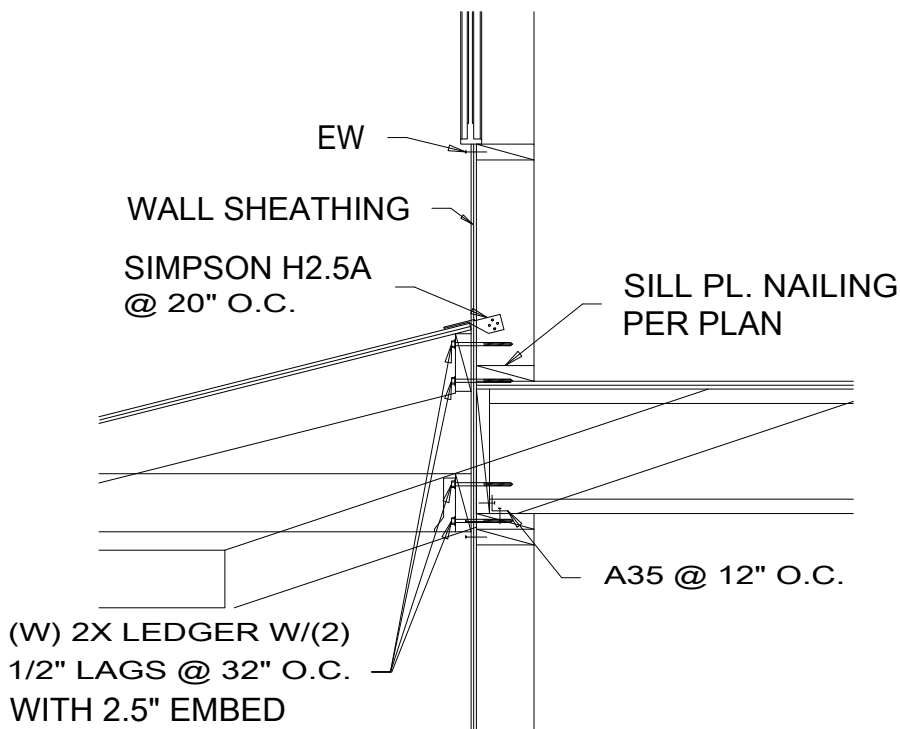
DETAIL (TYP) H



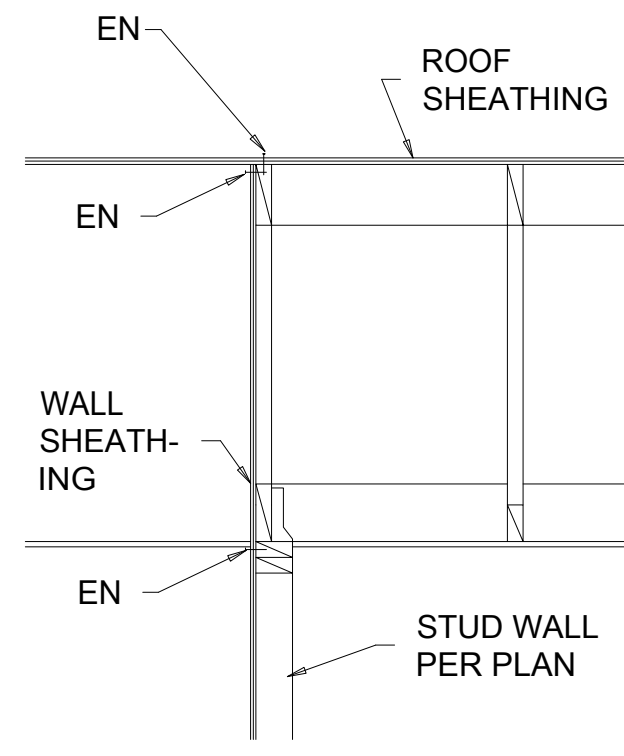
DETAIL G



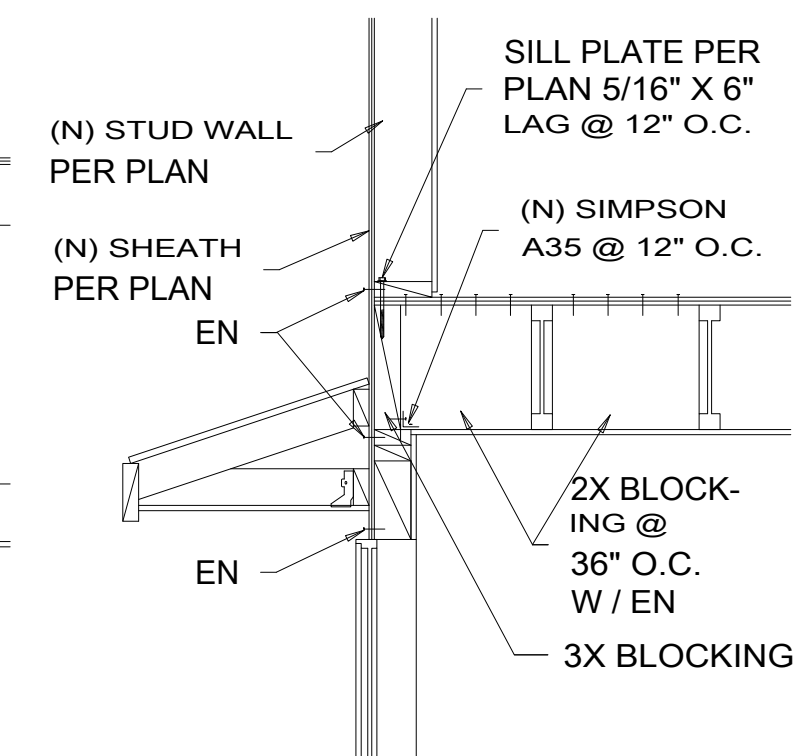
DETAIL F



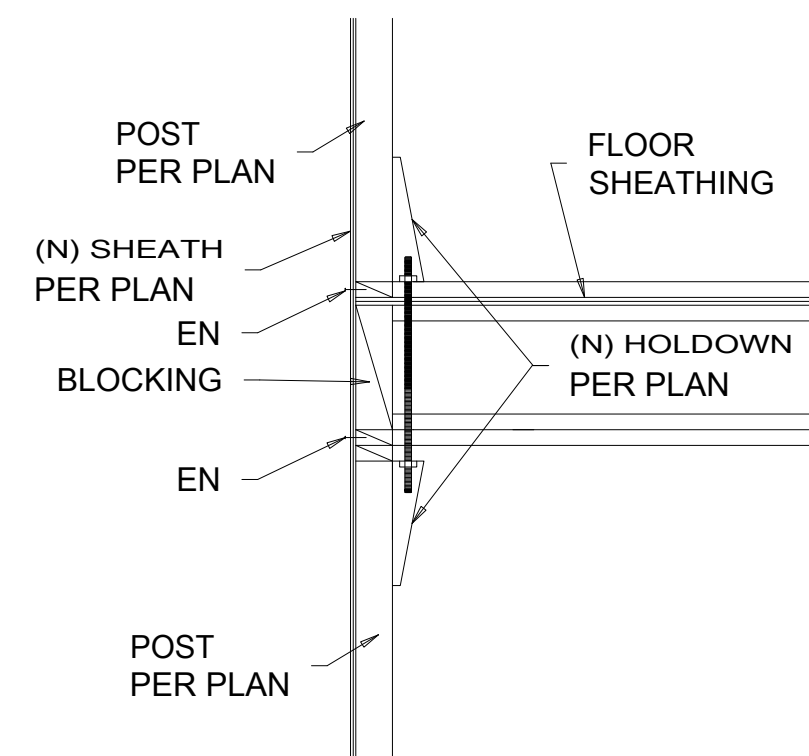
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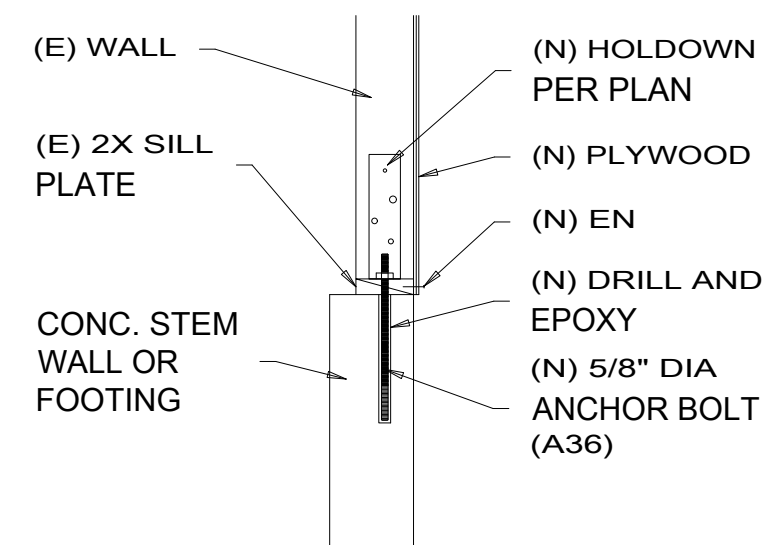
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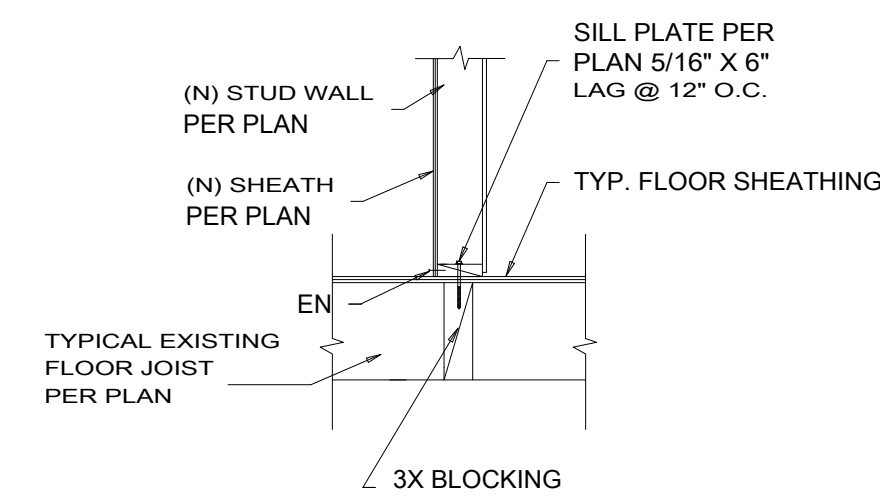
DETAIL (TYP) C



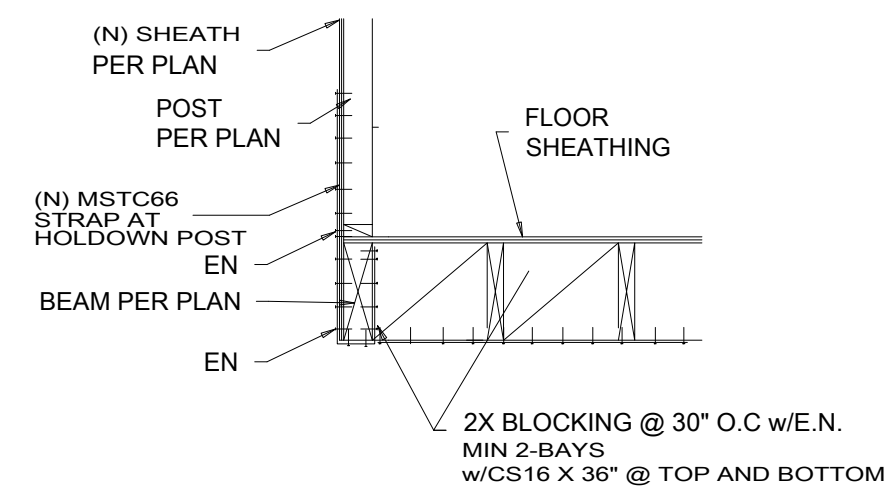
DETAIL (TYP) B



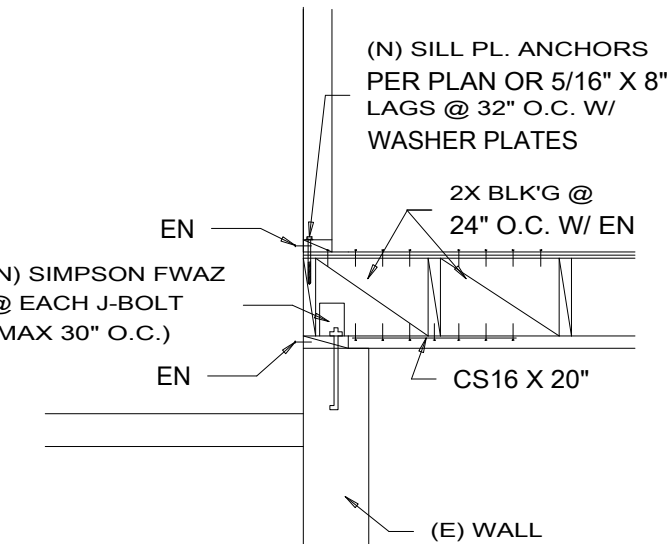
DETAIL (TYP) A



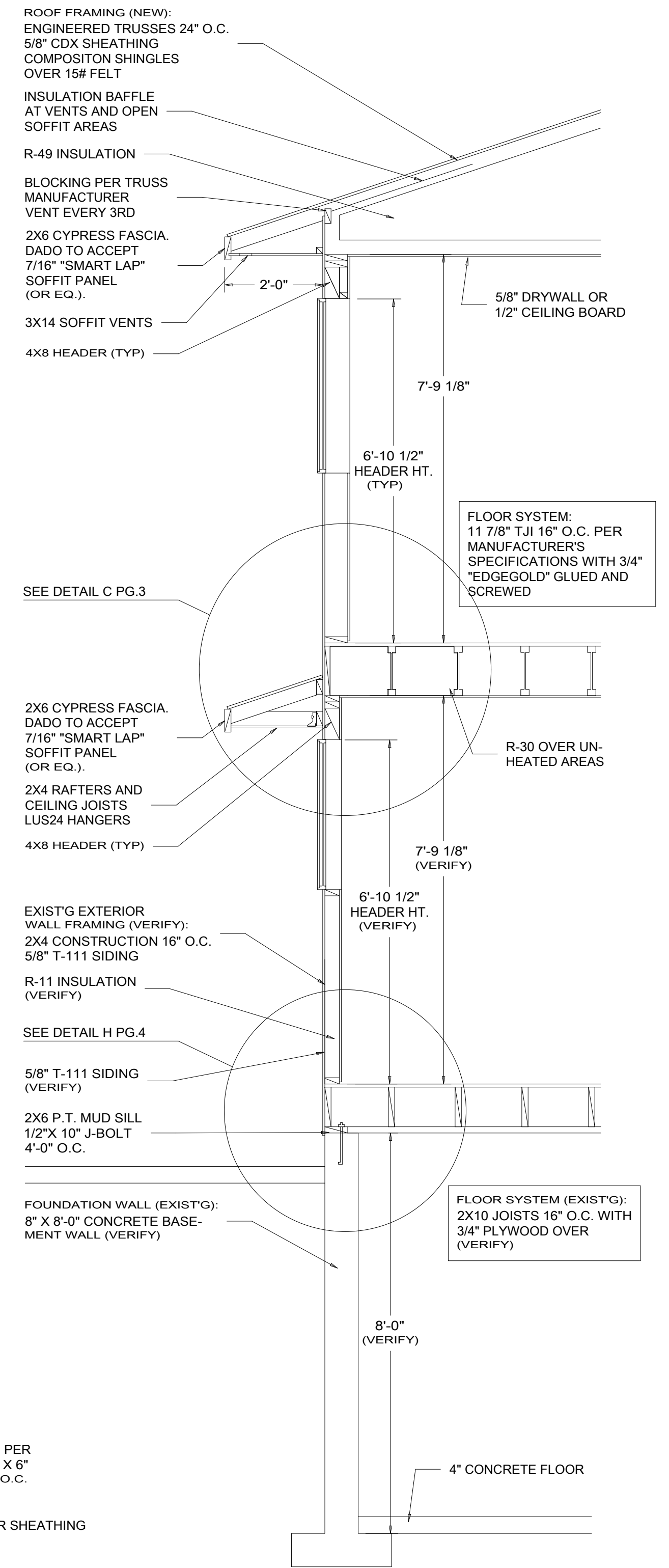
DETAIL (TYP) E



DETAIL (TYP) D



DETAIL H

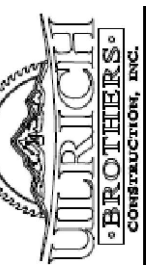


SECTION C  
SCALE 1/2" = 1'-0"

REVISIONS:

TYPICAL DETAILS

SHEET TITLE:



ULRICH BROS. CONST. INC.  
335 Maple St. NE  
Atlanta, GA 30309  
(404) 525-4444  
CDB# 38349

PROJECT: PROPOSED CUSTOM RES. FOR:  
ZEHR-ADDITION / REMODEL

DRAWN BY: D.L.  
DATE: 10-01-25  
PLOT DATE:  
SCALE: AS NOTED  
SHEET NO:

S-08