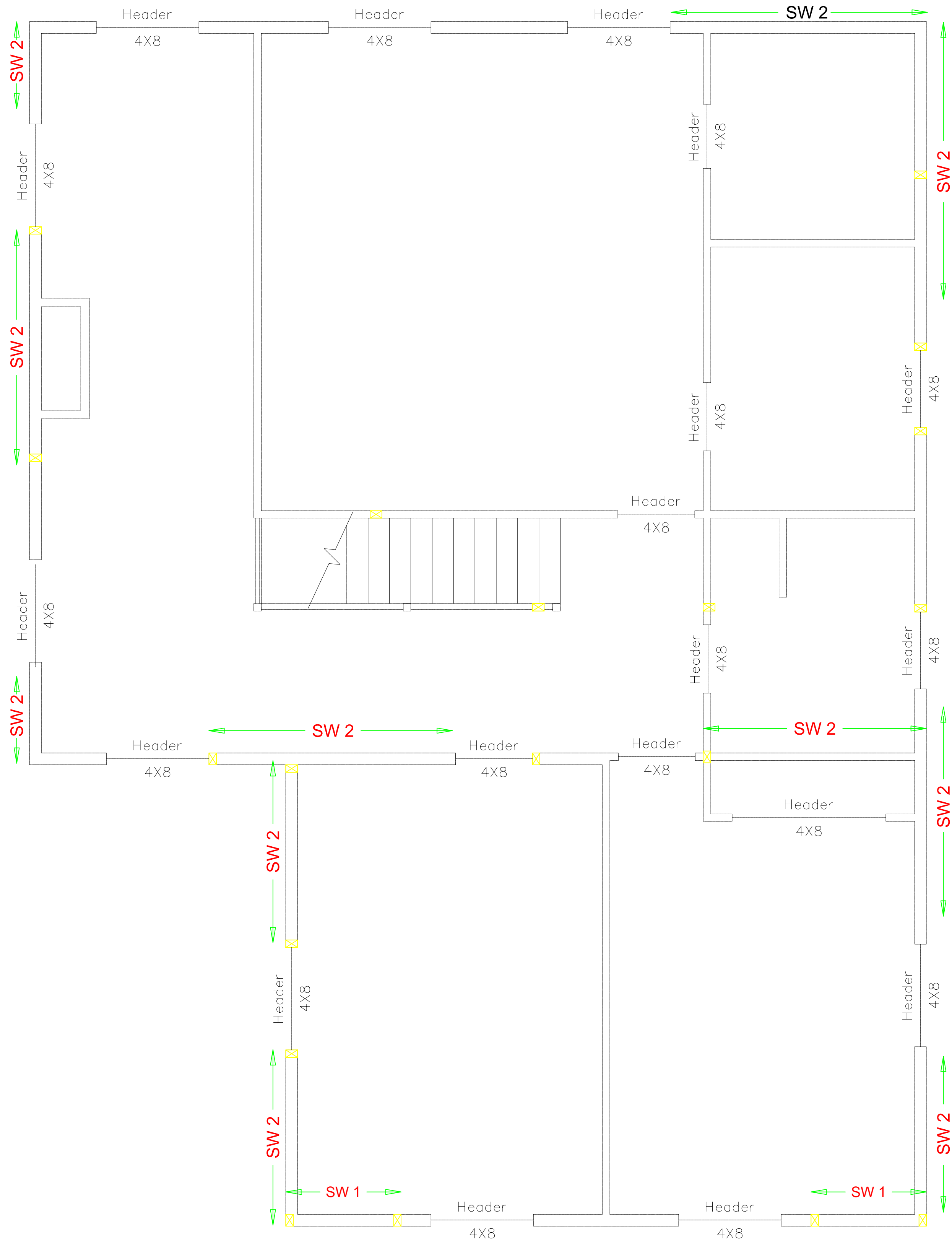


**PROPOSED CUSTOM RES FOR
ZEHR-ADDITION/ REMODEL**

STRUCTURAL DRAWINGS




2ND FLOOR FRAMING PLAN

REVISIONS:					

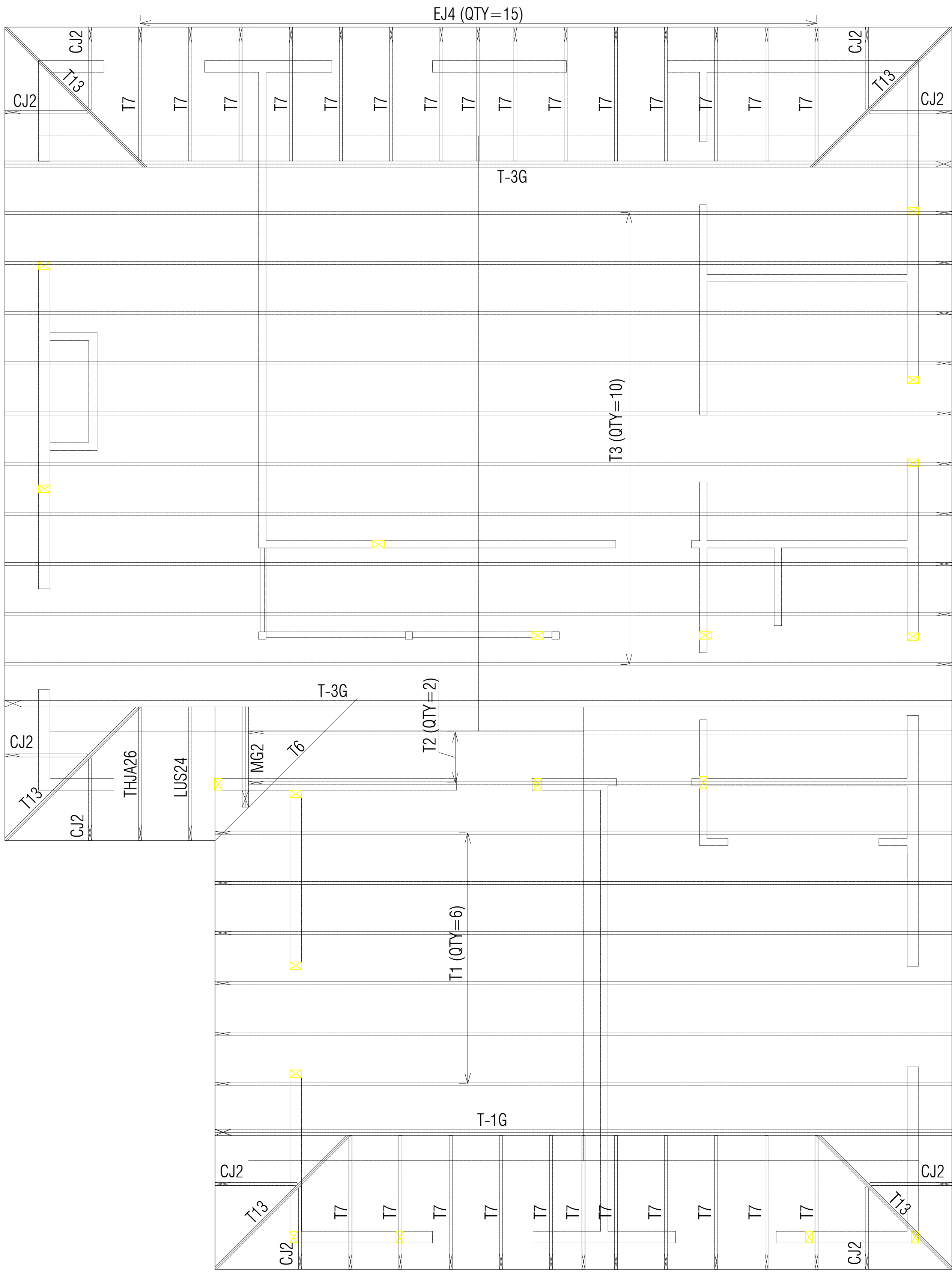
SHEET TITLE:

2ND FLOOR FRAMING PLAN



ULRICH BROS. CONST. INC.
535 Maple St. NE
Albany, OR 97222
(503) 885-1800
C024 2882

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



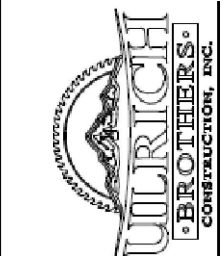
TRUSS LAYOUT PLAN

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:					

TRUSS LAYOUT PLAN

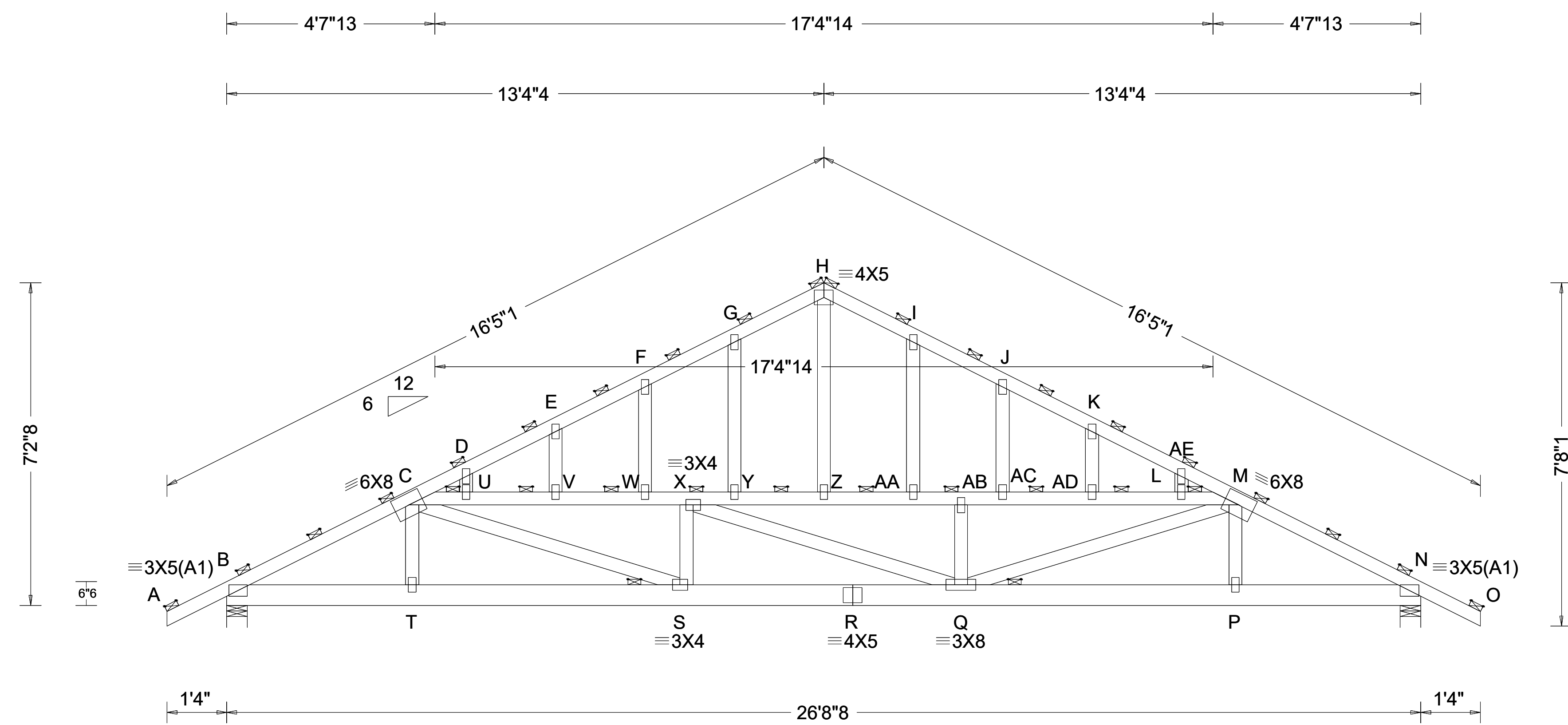
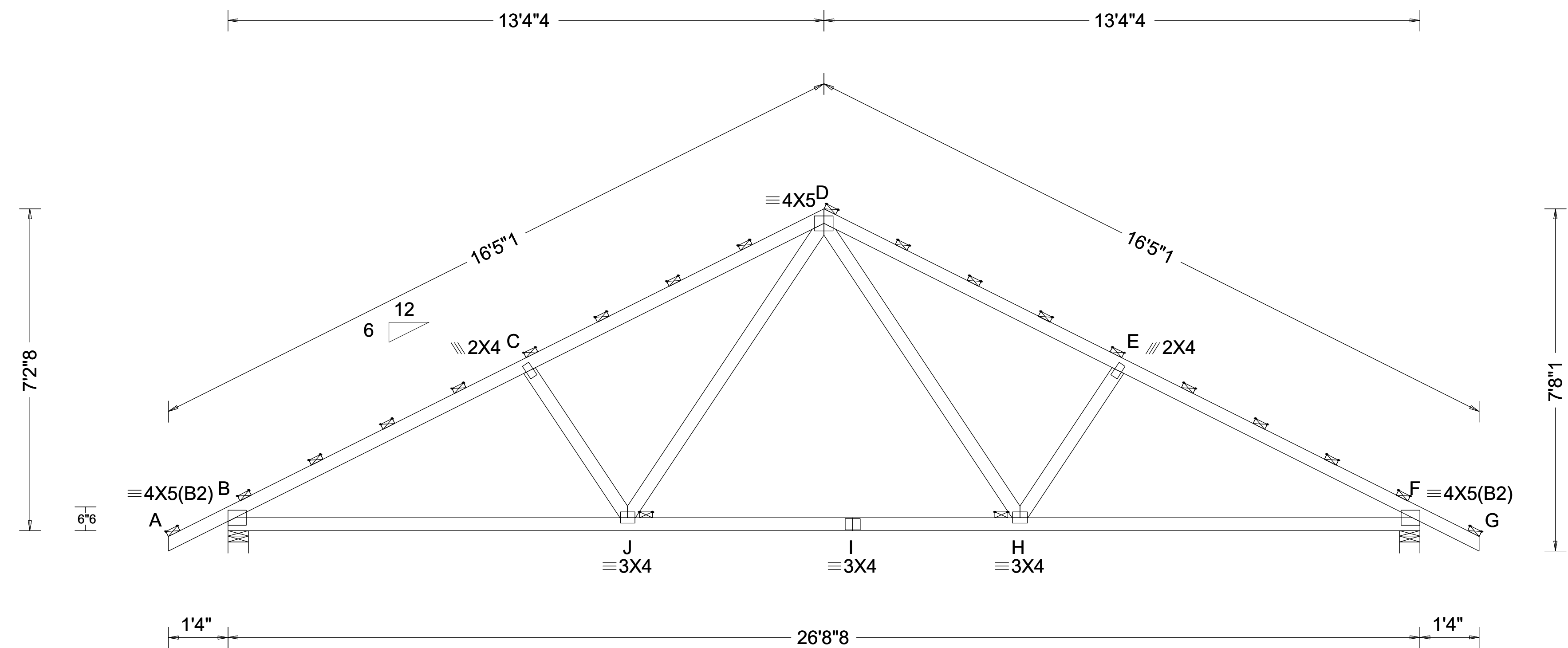
SHEET TITLE:



ULRICH BROS. CONST. INC.
535 Maple St. NE
Albany, OR 97022
(503) 885-4600
CDD# 28829

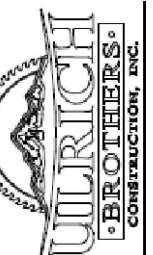
PROJECT:
PROPOSED CUSTOM RES. FOR:
ZEHR-ADDITION / REMODEL

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

[illegible]

TRUSS ELEVATION

.....



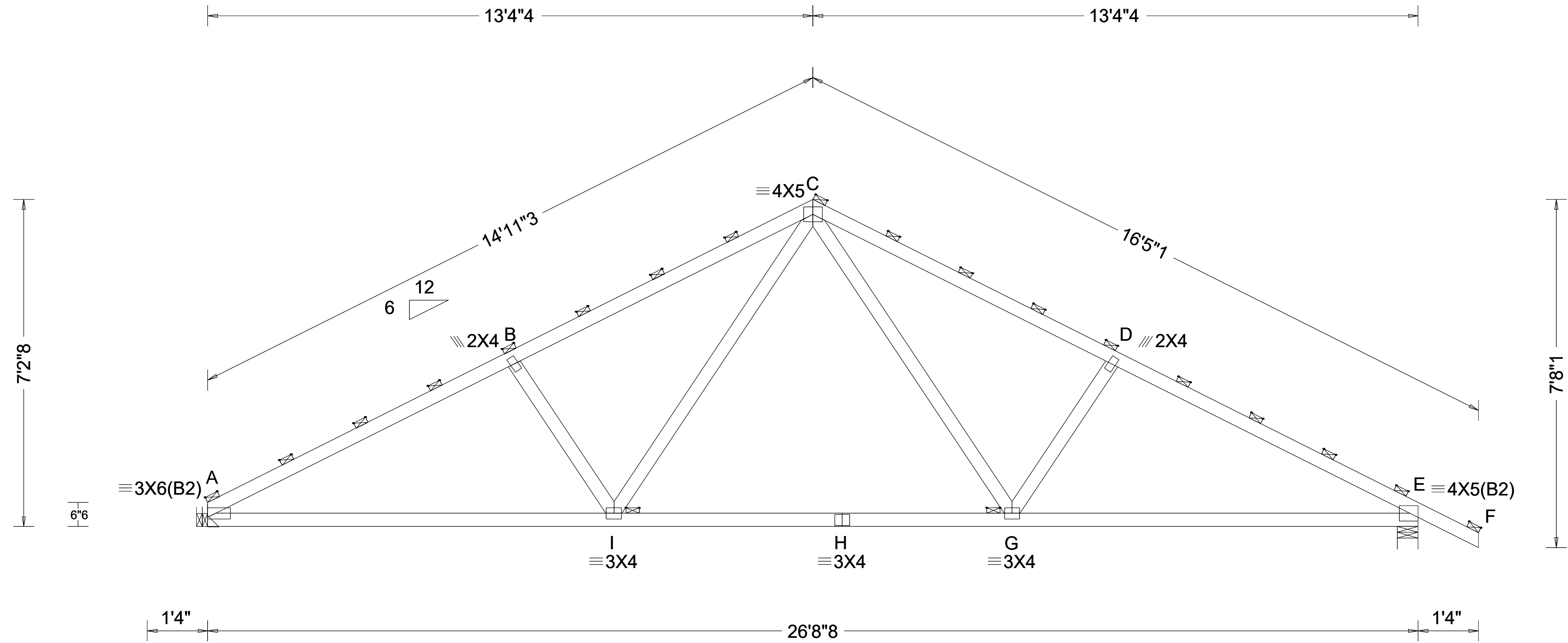
ULRICH BROS. CONST. INC.
535 Marilyn St. NE
Albany, OR 97322
(541) 928-4464
CCE# 58349

PROPOSED CUSTOM RES. FOR:

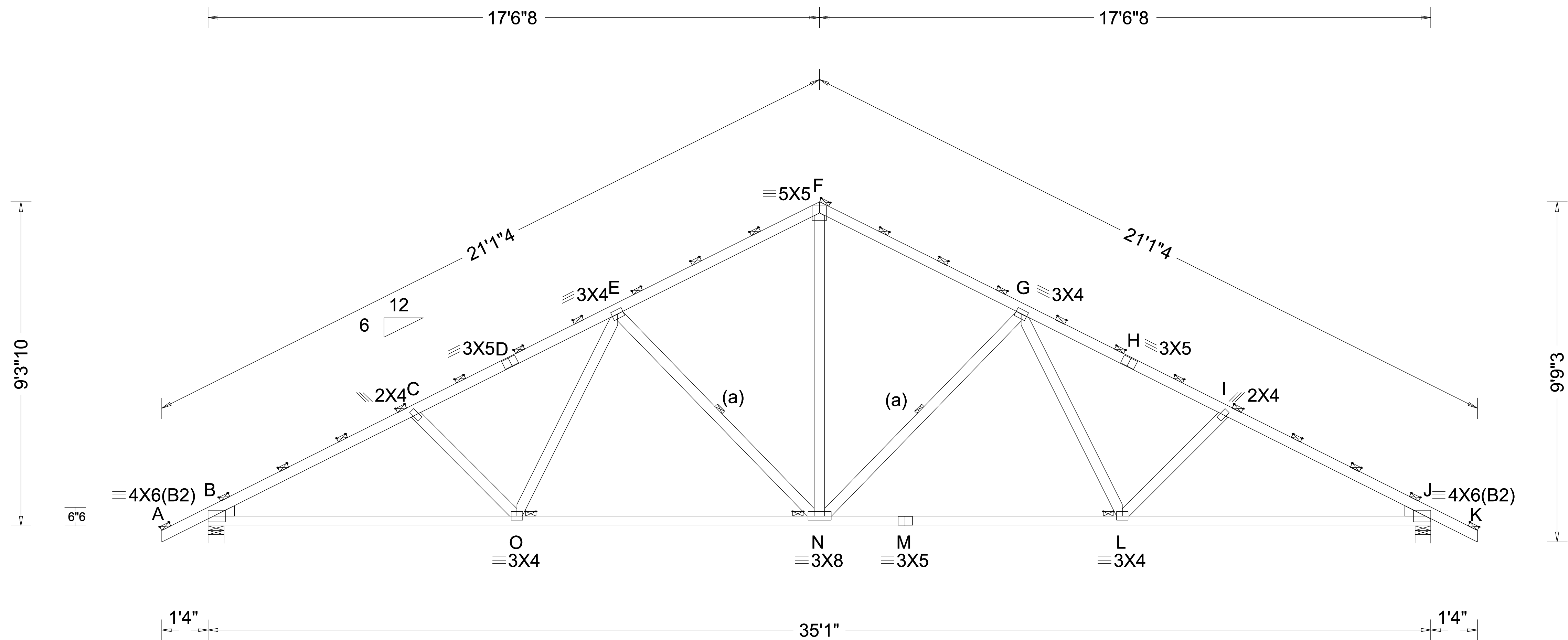
ZEHR-ADDITION / REMODEL

AWN BY:	D.L
TE:	16-01-25
OT DATE:	
SCALE:	AS NOTED
SHEET NO:	

S-03



TRUSS T2

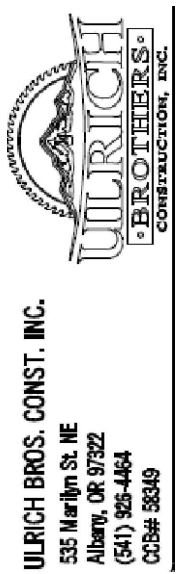


TRUSS T3

REVISIONS:

TRUSS ELEVATION

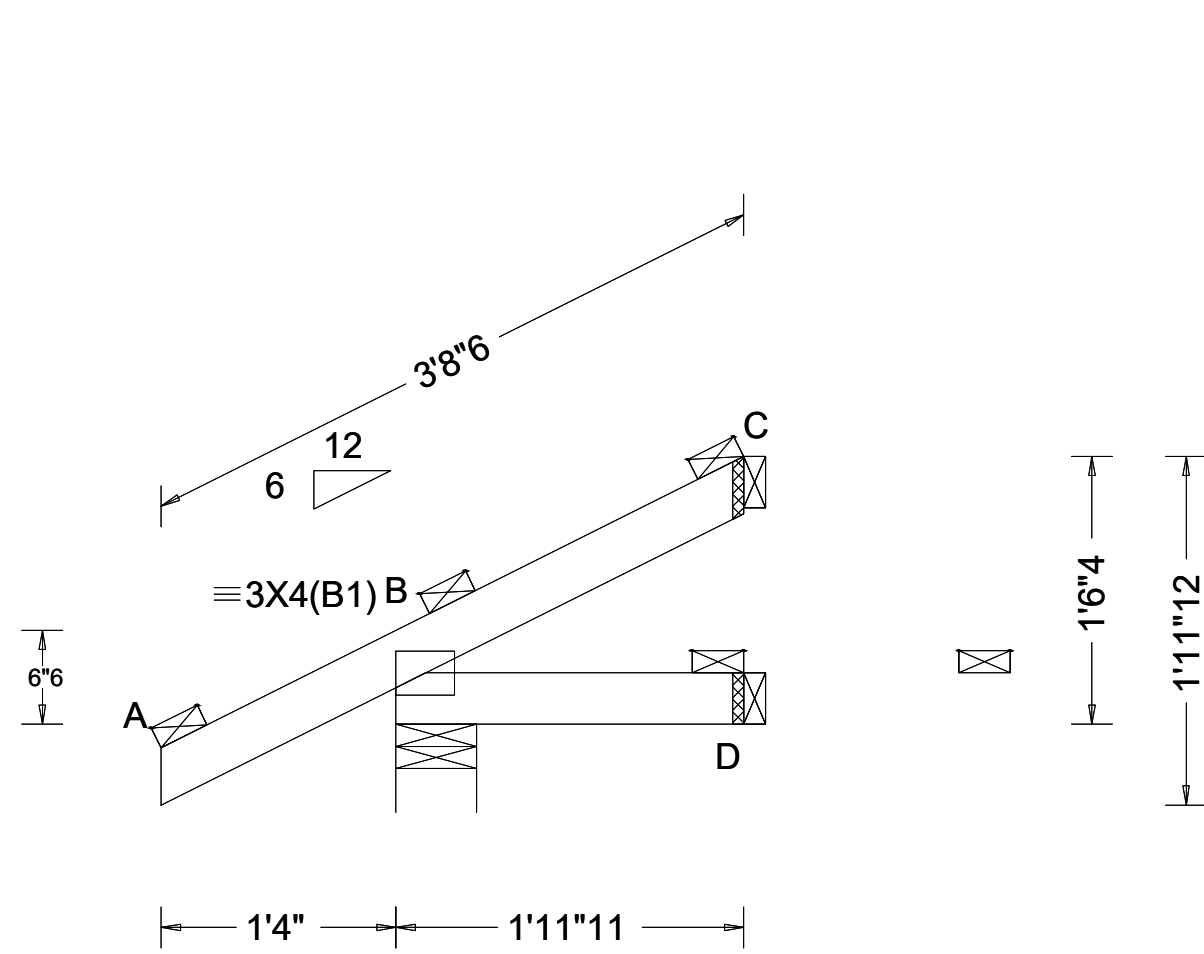
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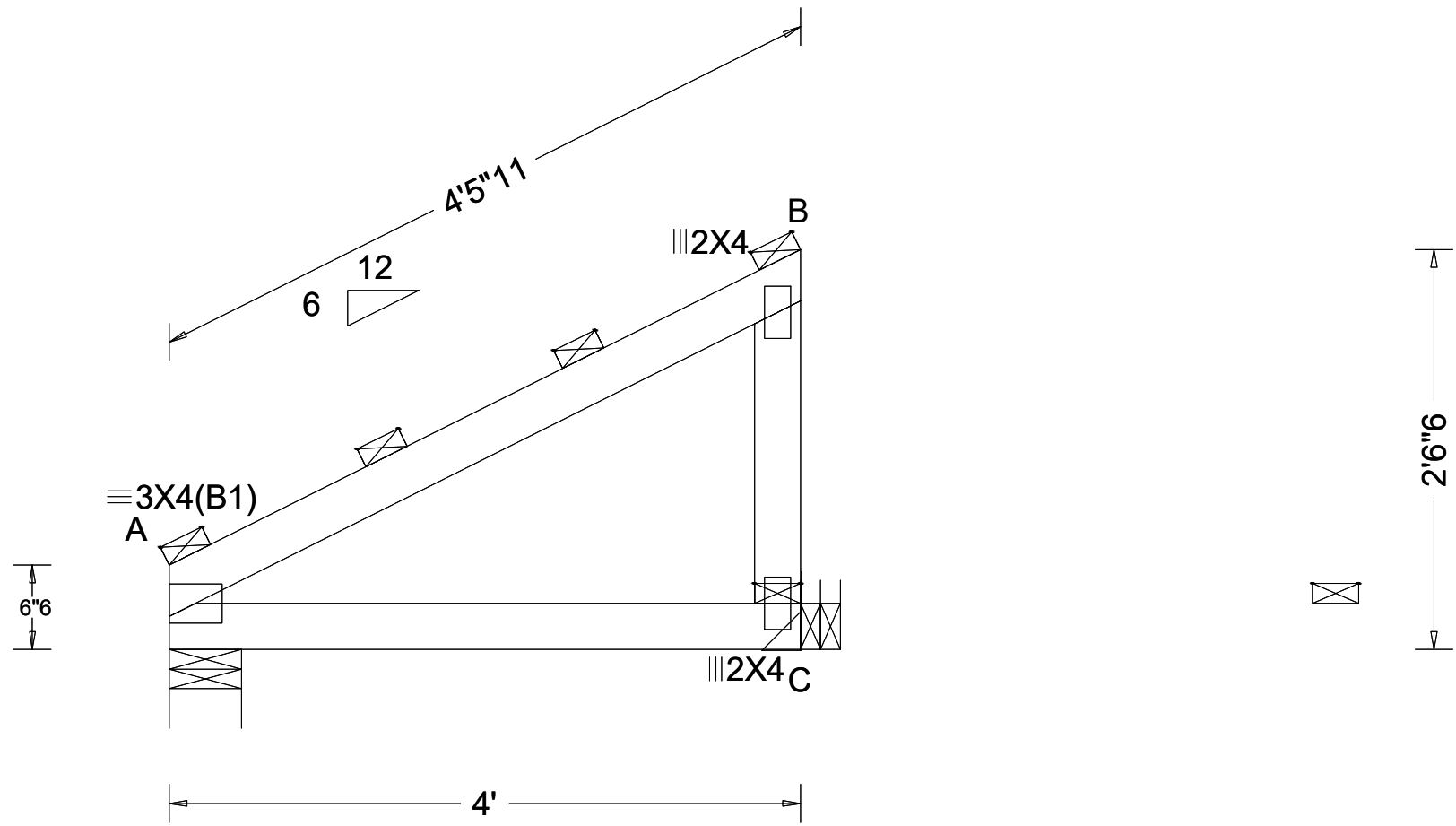
PROJECT:
PROPOSED CUSTOM RES. FOR:
ZEHR-ADDITION / REMODEL

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

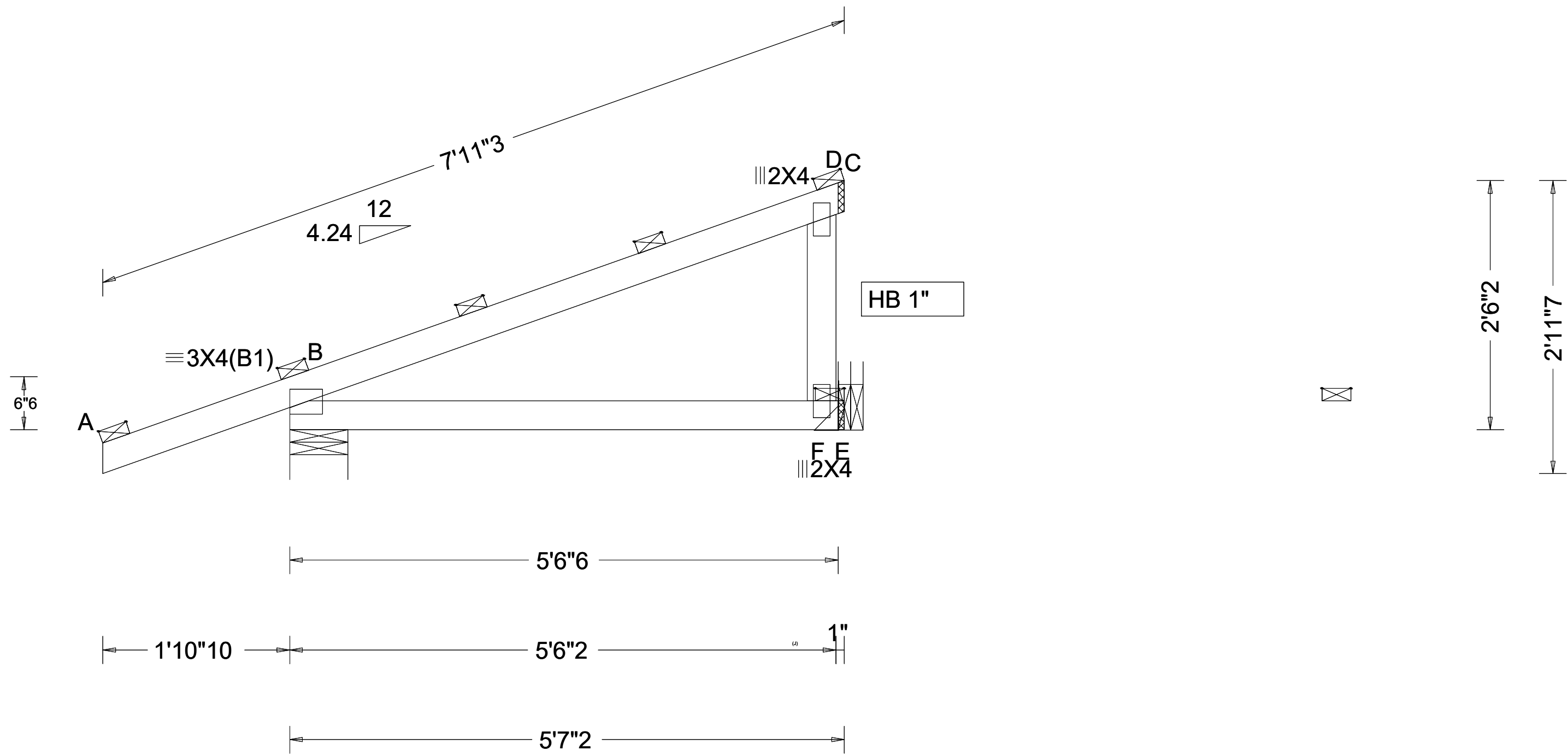
S-04



TRUSS CJ2



TRUSS MG2



TRUSS MG13

REVISIONS:					

TRUSS ELEVATION

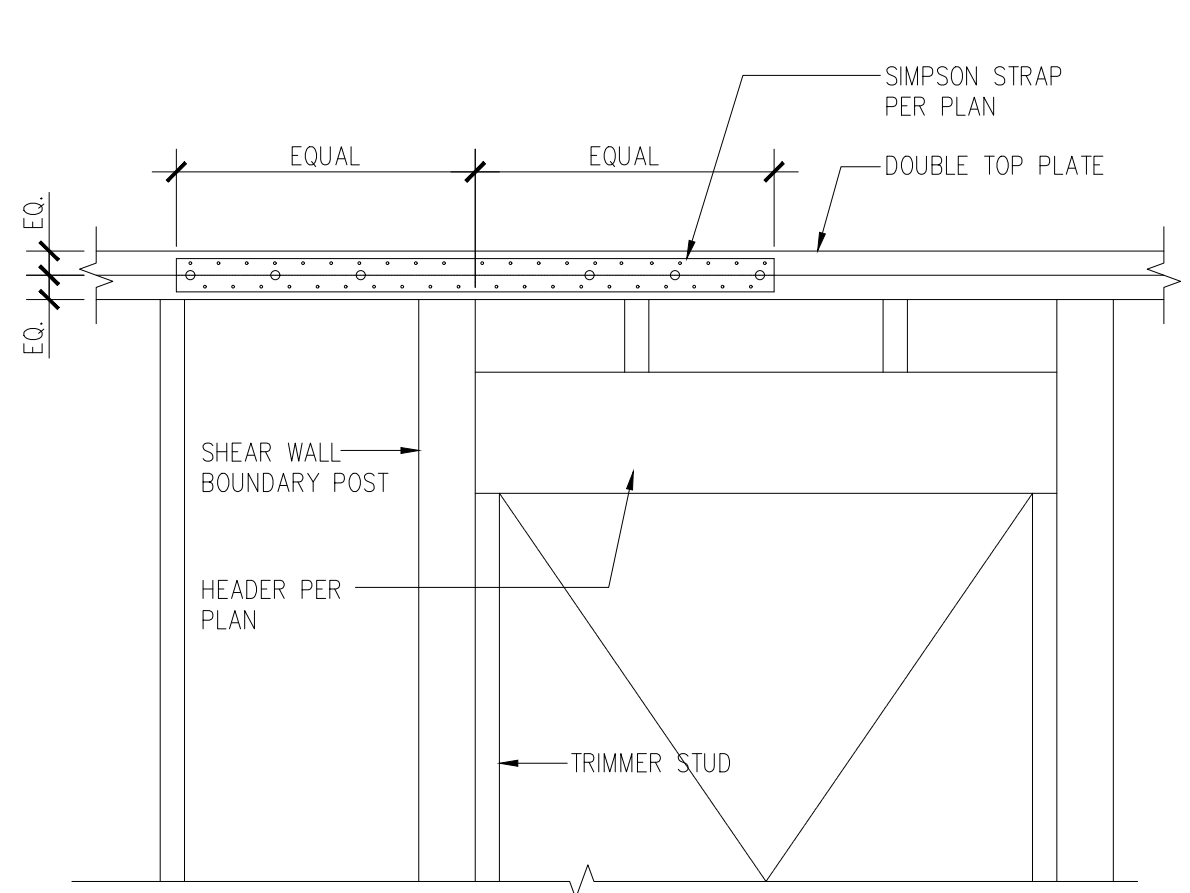
ULRICH BROS. CONST. INC.
225 Maple St. NE
Atlanta, GA 30303
(404) 525-4644
C034-0849

ULRICH
BROTHERS
CONSTRUCTION

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

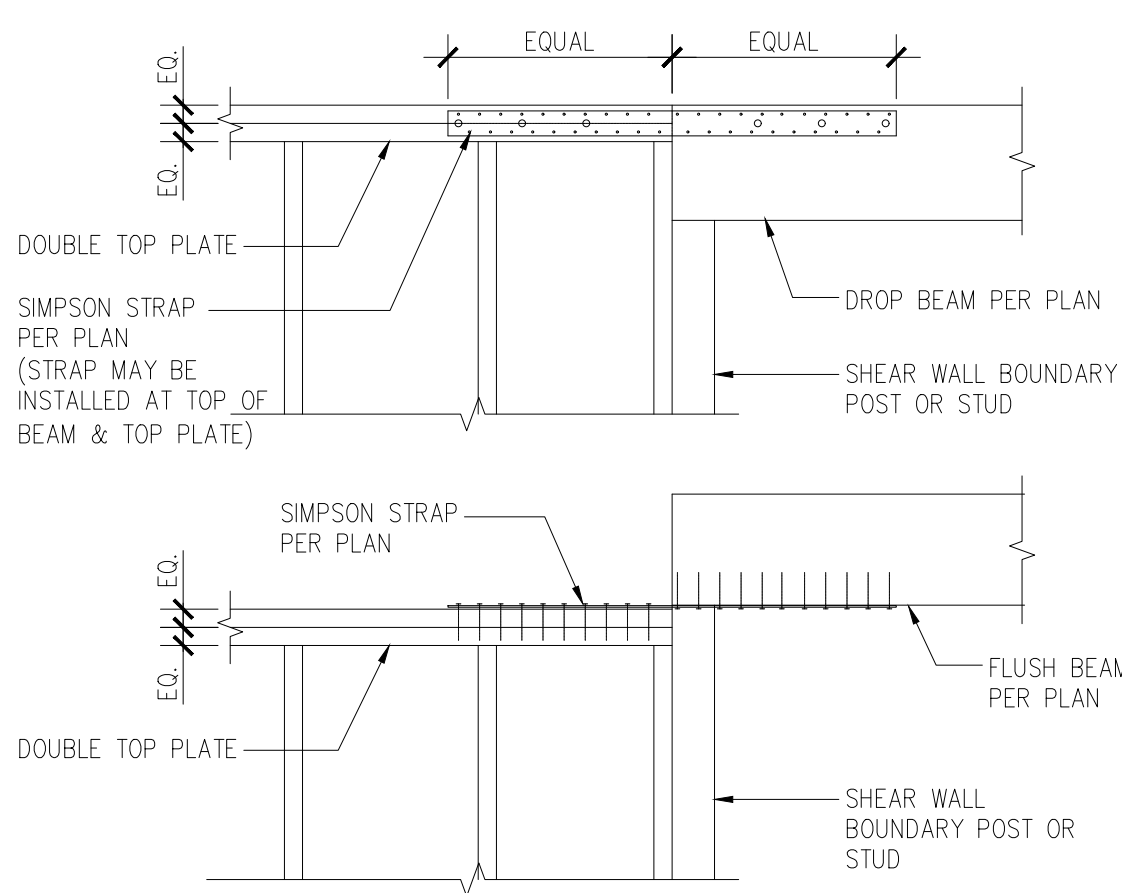
DRAWN BY: D.L.
DATE: 1-6-01-25
PLOT DATE:
SCALE: AS NOTED
SHEET NO:

S-06

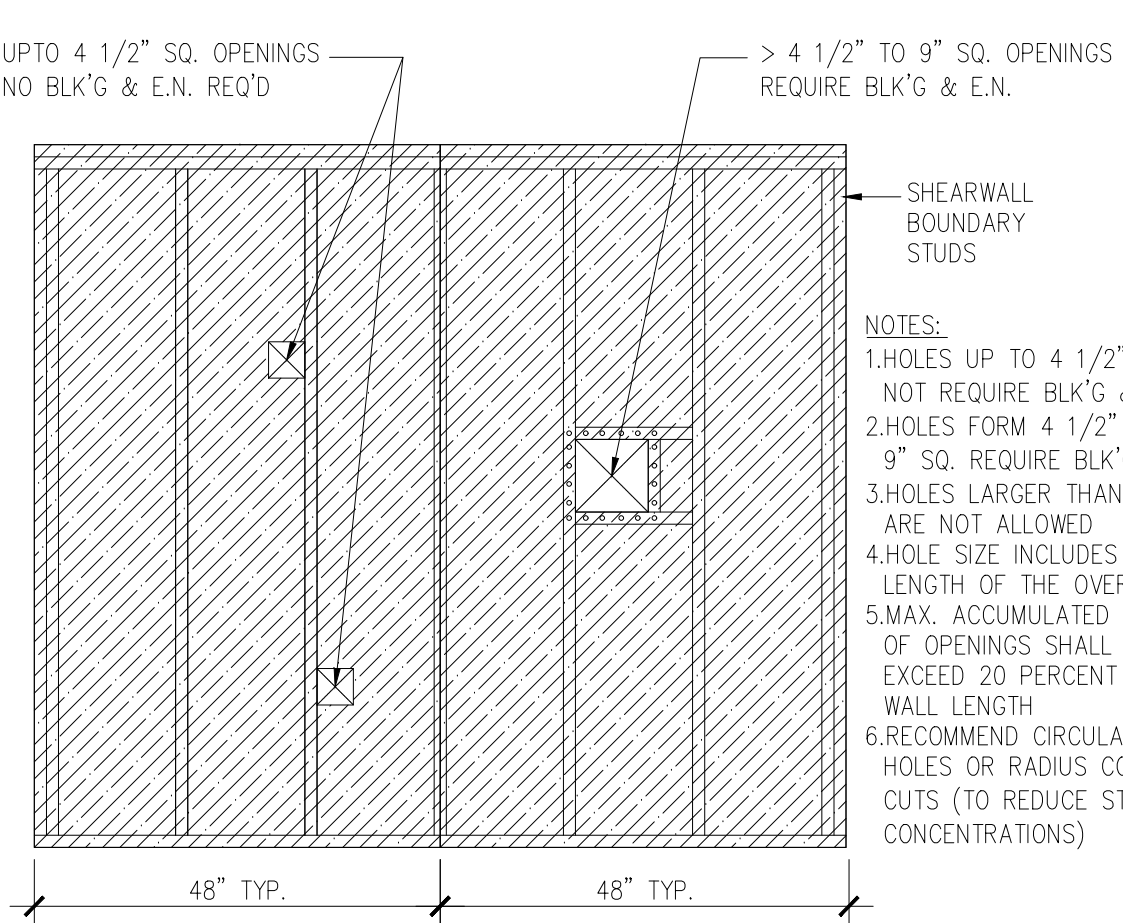


DRAG STRUT CONNECTION

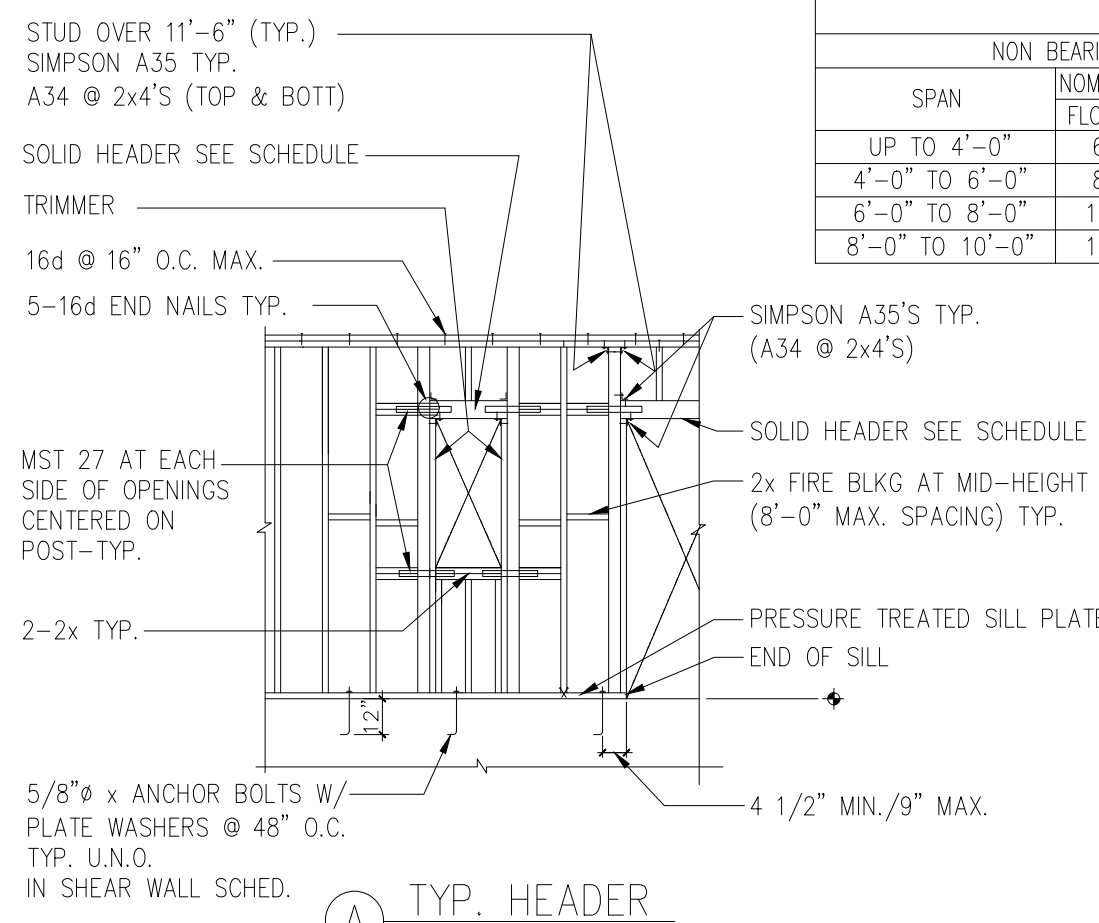
1 DRAG AT DROP BEAM / FLUSH BEAM



2 SHEAR WALL PENETRATIONS

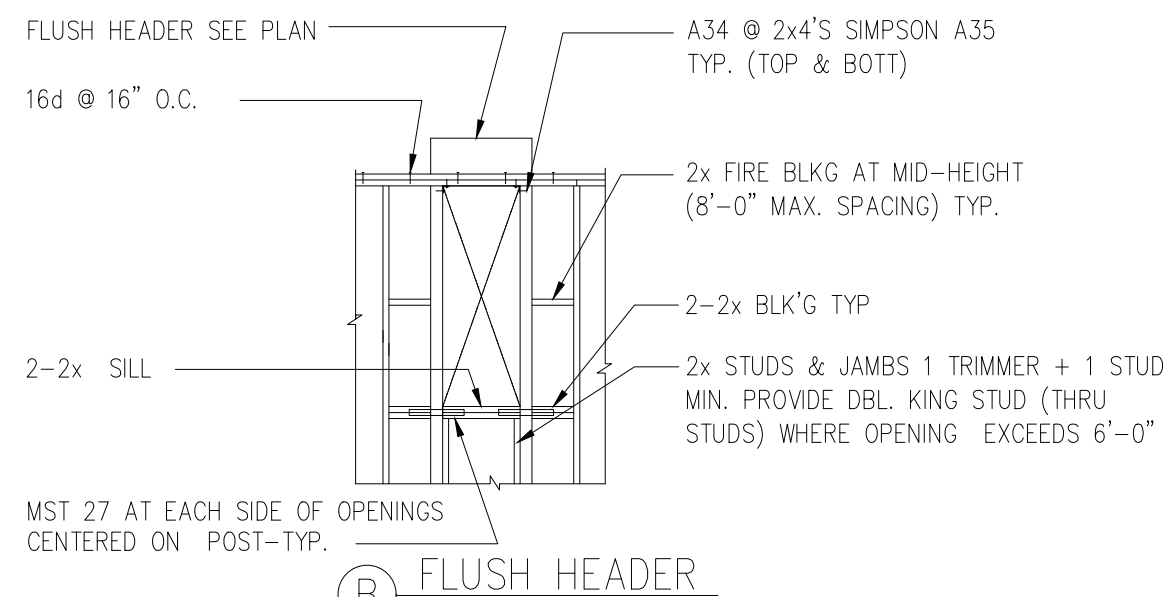


3 TYP. HEADER DETAILS & SCHEDULE

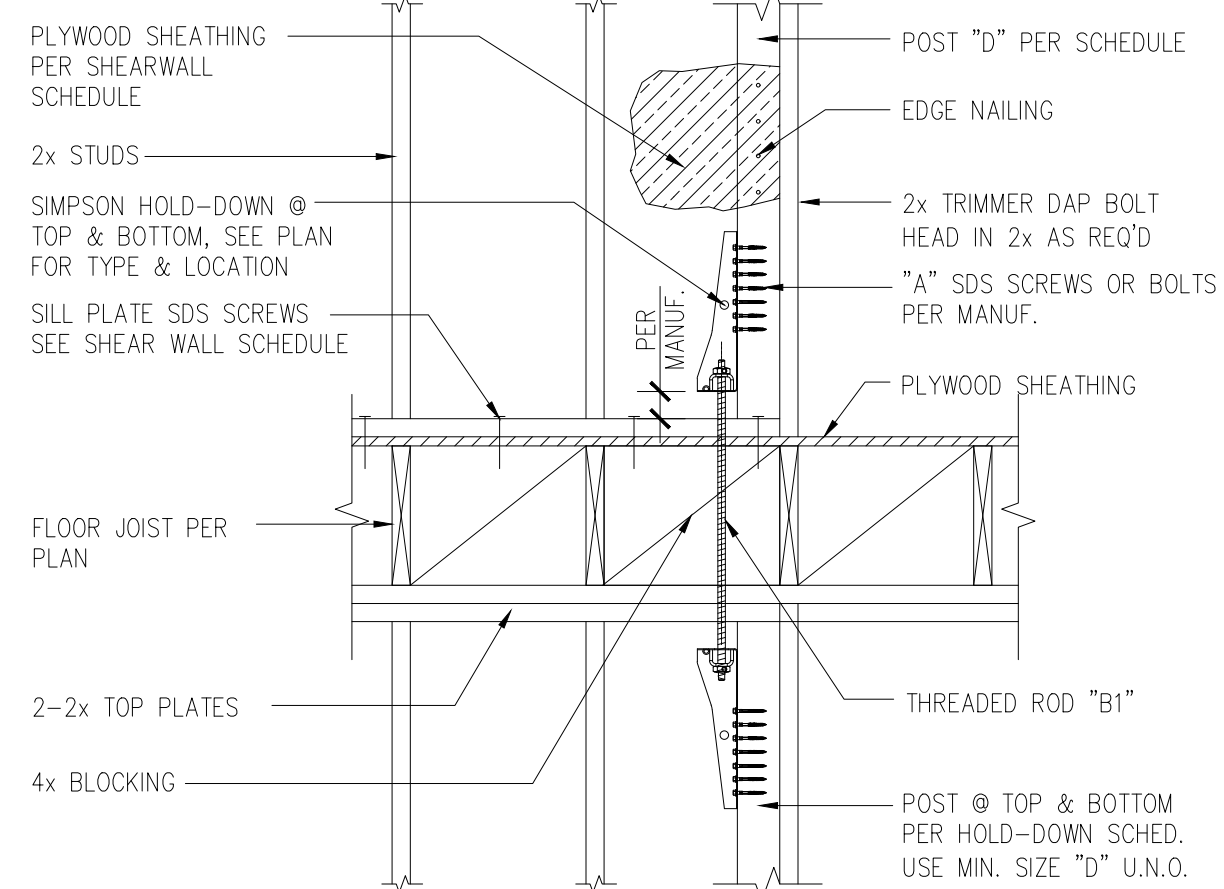


HEADER SCHEDULE							
NON BEARING				BEARING			
SPAN	NOMINAL DEPTH	FLOOR	ROOF	SPAN	NOMINAL DEPTH	FLOOR	ROOF
UP TO 4'-0"	6	4	1-2x	UP TO 3'-0"	8	8	1-2x
4'-0" TO 6'-0"	8	6	2-2x	3'-0" TO 5'-0"	10	8	2-2x
6'-0" TO 8'-0"	10	8	2-2x	5'-0" TO 6'-0"	12	10	2-2x
8'-0" TO 10'-0"	12	10	3-2x	6'-0" TO 8'-0"	-	12	3-2x

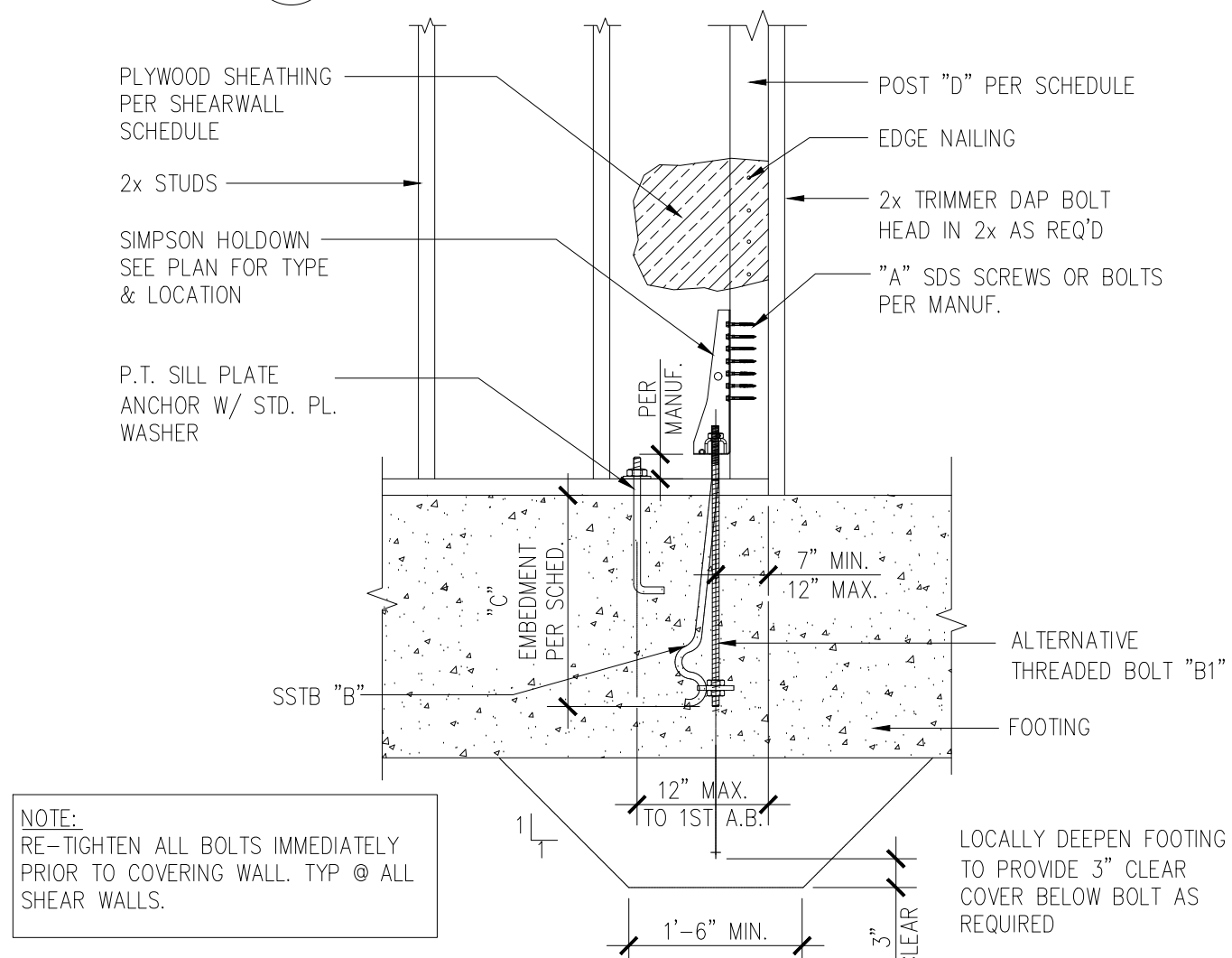
NOTES:
1. HEADERS, KING STUDS AND OTHER MIST37 AT EACH REFERENCES ON PLAN GOVERN OVER TYPICAL DETAIL.
2. SEE SHEAR WALL PLYWOOD NAILING DETAIL FOR ADDITIONAL INFORMATION.
3. AT WOOD FRAMED WALLS USE SILL CONNECTION PER SHEAR WALL SCHEDULE U.N.O.



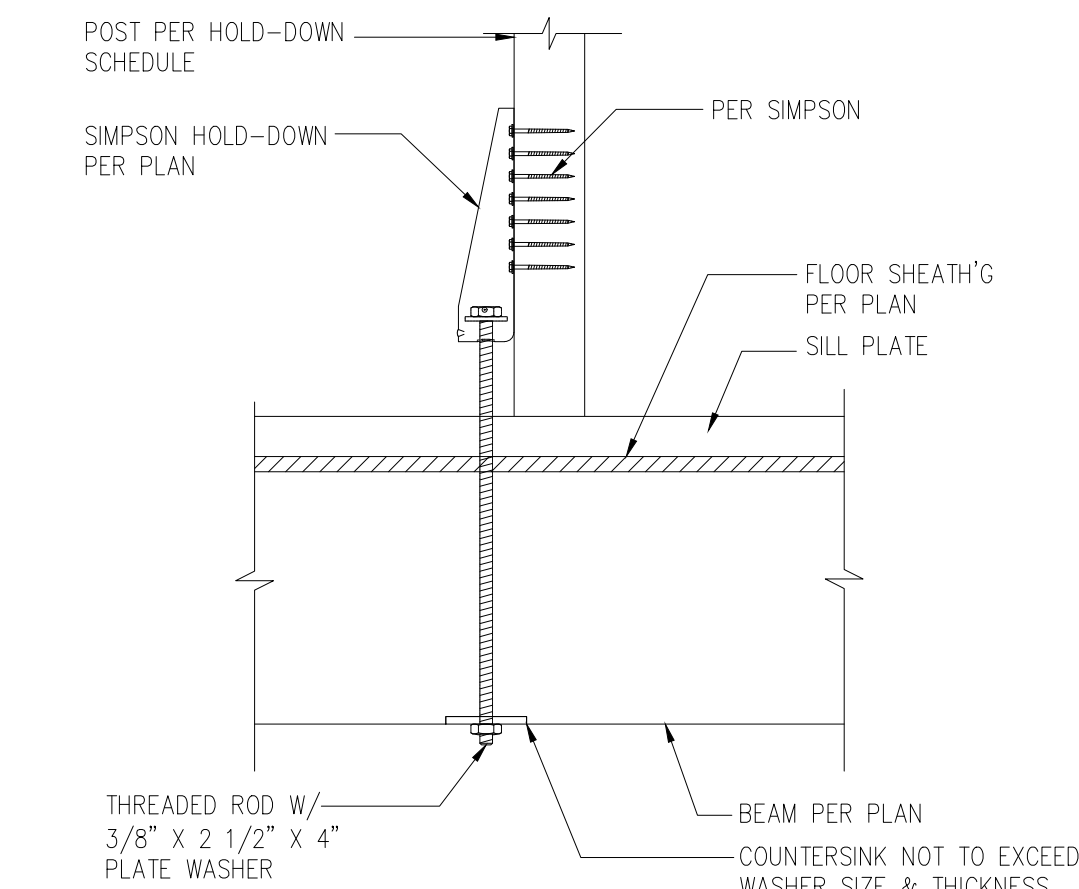
5 HOLD-DOWN STRAP BETWEEN FLOORS



6 HOLD-DOWN IN-BETWEEN FLOORS



7 HOLD-DOWN TO FOUNDATION



HOLD-DOWN ABOVE WOOD BEAM

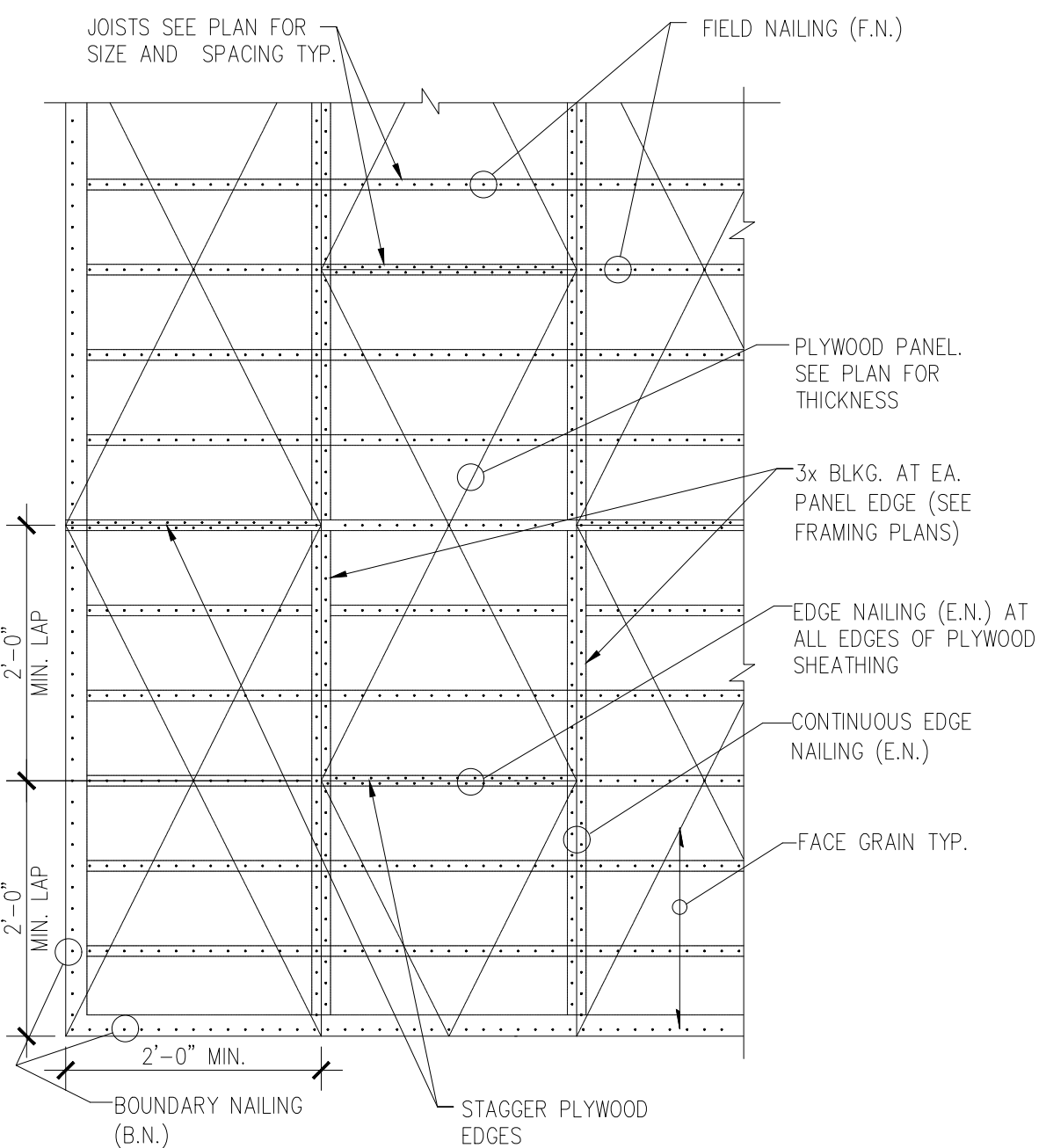
5

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\"	1	10d @ 3\"	10d @ 12\"	8\"	3/8\" DIA. x 7\" LAG @ 12\"	5/8\" A.B. @ 24\"	665	①②③④
②	15/32\"	1	10d @ 4\"	10d @ 12\"	8\"	3/8\" DIA. x 7\" LAG @ 16\"	5/8\" A.B. @ 32\"	510	①②③④

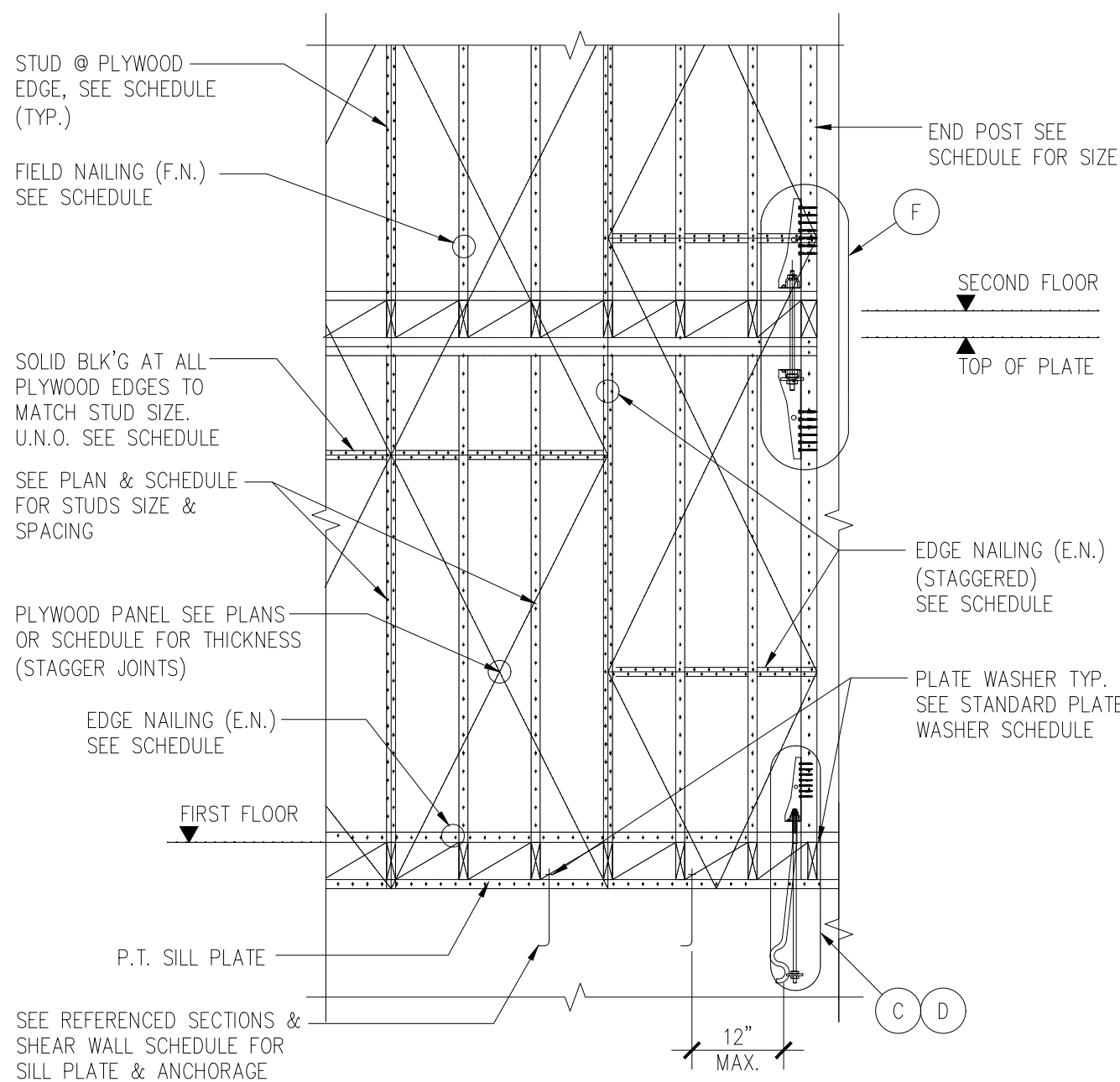
HOLD-DOWN SCHEDULE							HOLD-DOWN SUBSTITUTE "E" (ONLY BETWEEN FLOORS) SEE DETAIL E
HOLD-DOWN TYPE	"A"	THREADED BOLT		ALTERNATE BOLT		"D" ①	
		"B"	"C" ③	"B1"	"C1"		
②	HDU2	PER MANUF.	5/8" DIA. 12"	SSTB24	1"-8"	2-2x4 or 4x4	MST48
④	HDU4	PER MANUF.	5/8" DIA. 16"	SSTB24	1"-8"	2-2x4 or 4x4	MST60
⑤	HDU5	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\"/>



10 SHEAR WALL & HOLD-DOWN

TYP. FLOOR AND ROOF SHEATHING

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

Drawing Notes for Construction

General Structural Notes:

- Existing Structure Verification:**
Contractor must **verify and confirm** the presence of shear wall panels on the first floor before proceeding.
If shear wall panels are missing or insufficient, **engineer approval is required** before continuing construction.
- Shear Load Transfer:**
Second-floor shear walls must transfer lateral forces through the floor diaphragm to the first-floor bracing system.
Floor sheathing shall be **minimum ¾\"** OSB or plywood, with nailing per diaphragm schedule.
- Retrofit Measures (If Required):**
If shear wall panels are missing on the first floor, provide **shear walls or moment frames** per engineer's design.
Strengthen first-floor diaphragm with **blocking, straps, or collector beams** if necessary.
- Hold-Downs & Anchorage:**
Provide **hold-down anchors at shear wall ends** to resist overturning forces.
Ensure proper anchorage to **existing foundation or reinforced framing**.
- Inspection Requirements:**
A **structural inspection** of the first floor is required before second-floor construction.
Any deviations from the approved design must be reported to the engineer immediately.

REVISIONS:

DETAILS

SHEET TITLE:

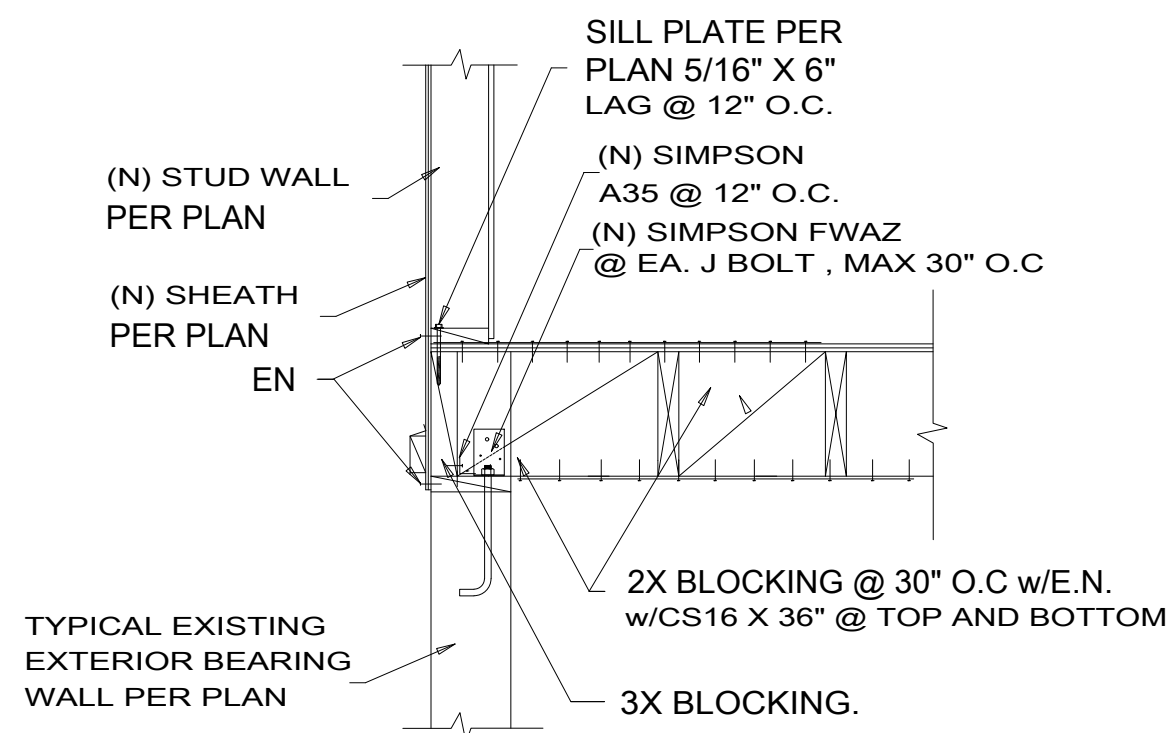


ULRICH BROS. CONST. INC.
35 Maple St. NE
Atlanta, GA 30309
(404) 525-4444
CDB# 8849

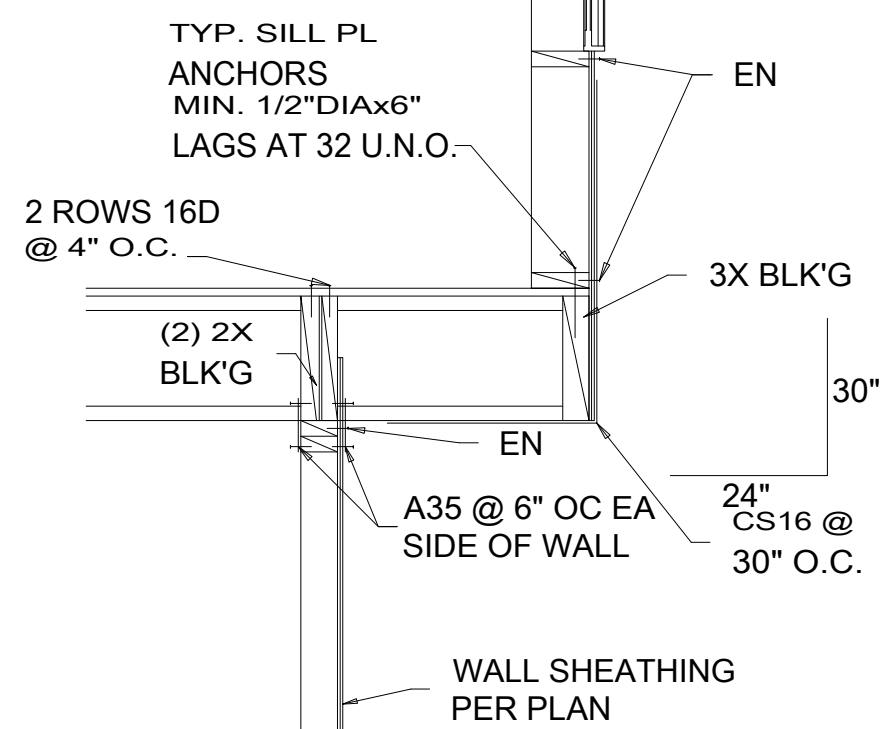
PROJECT: PROPOSED CUSTOM RES. FOR:
ZEHR-ADDITION / REMODEL

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

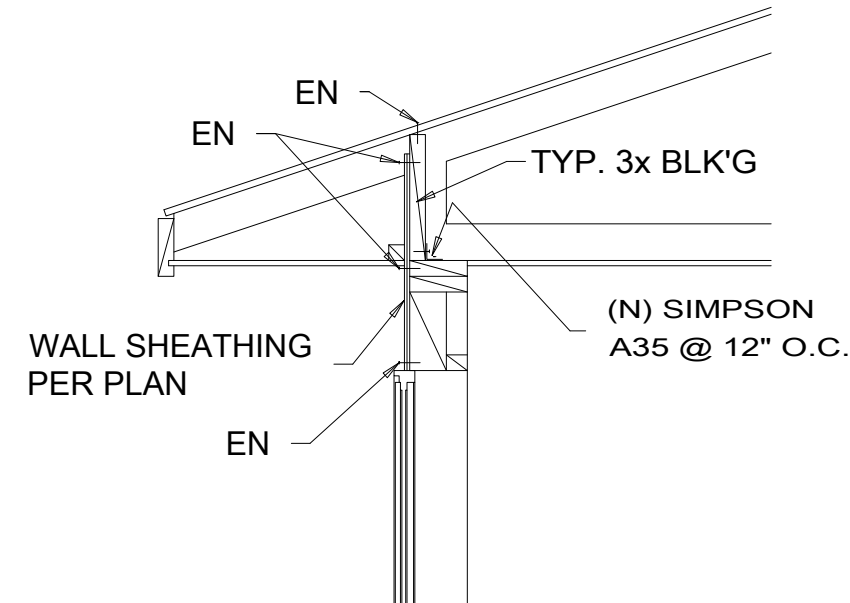
S-07



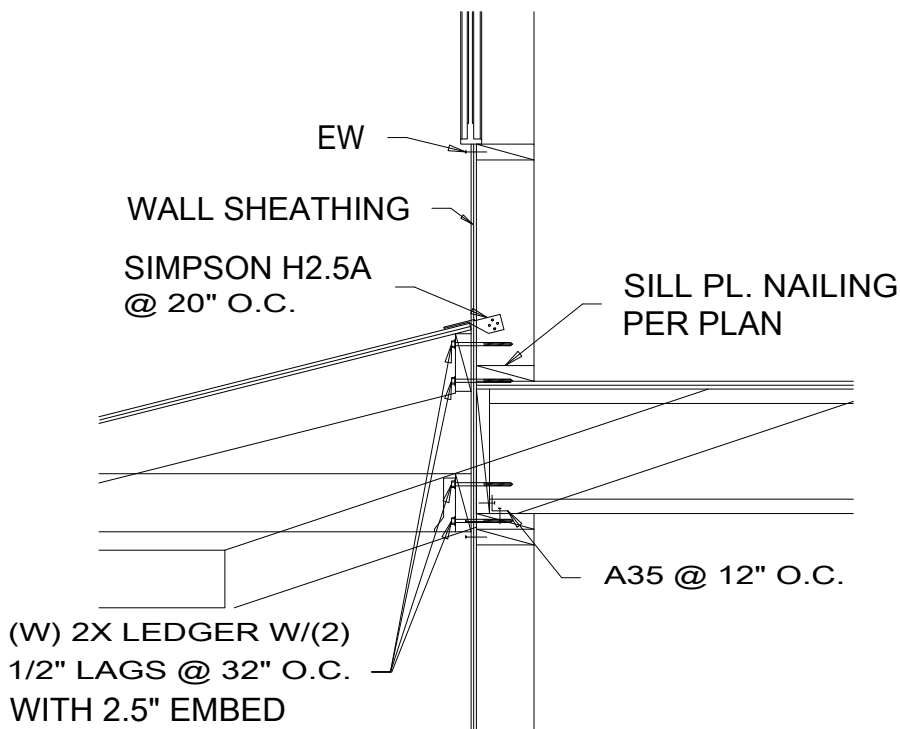
DETAIL (TYP) H



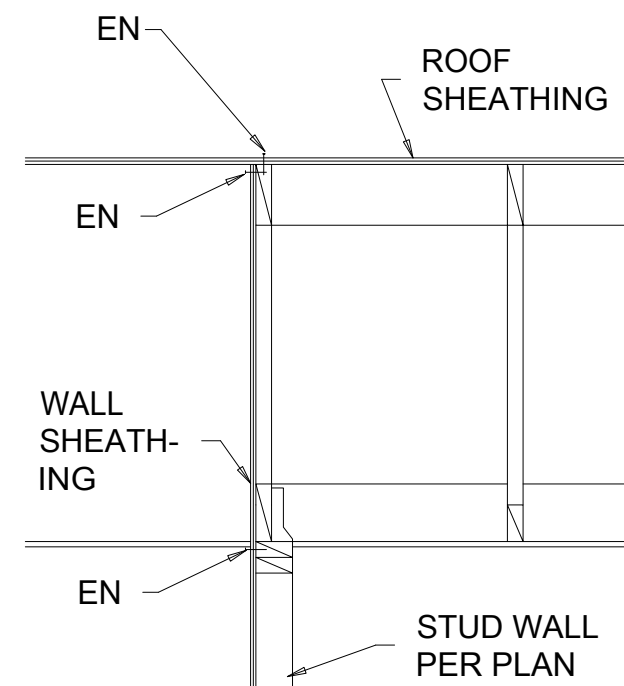
DETAIL G



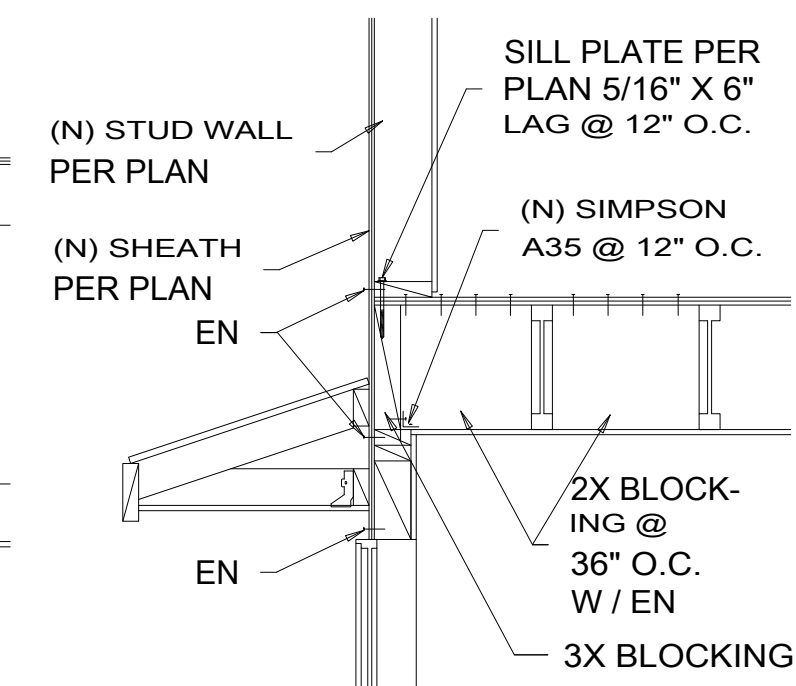
DETAIL F



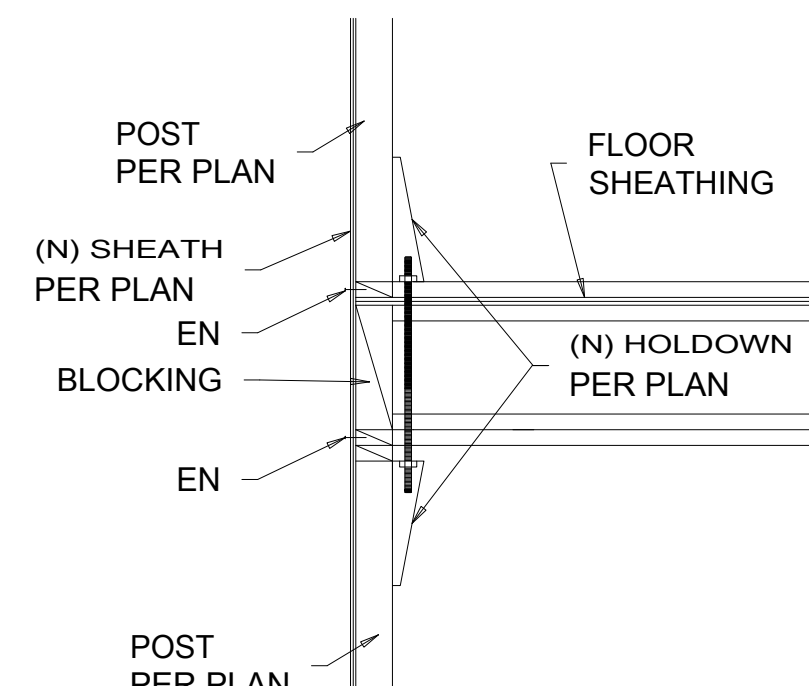
DETAIL E



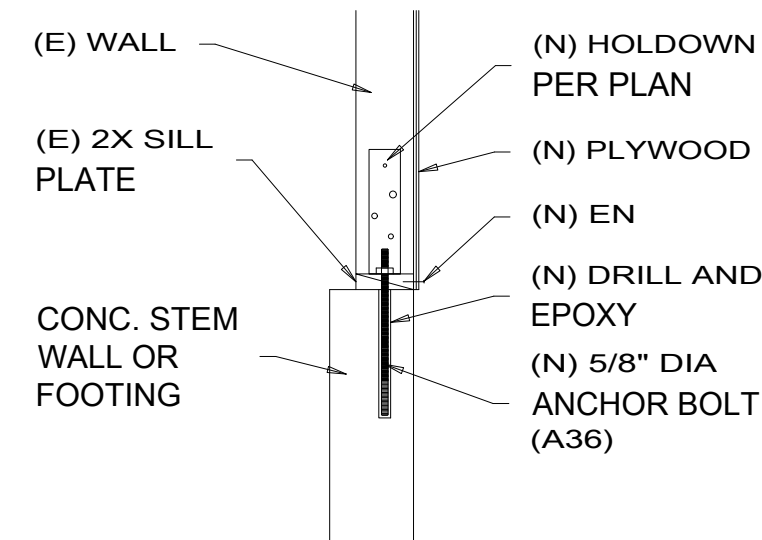
DETAIL (TYP) D



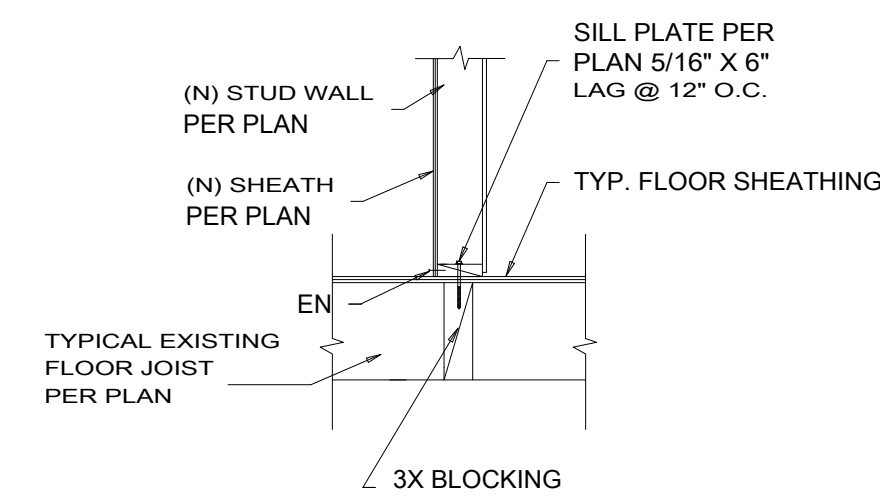
DETAIL (TYP) C



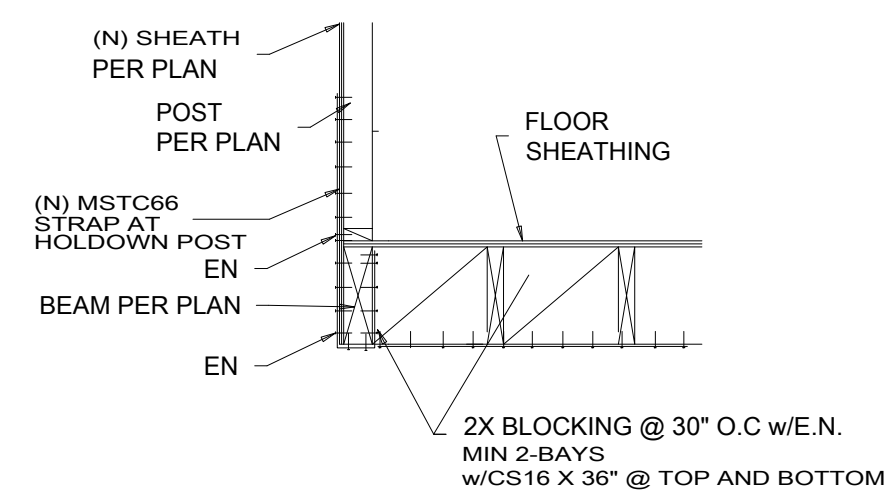
DETAIL (TYP) B



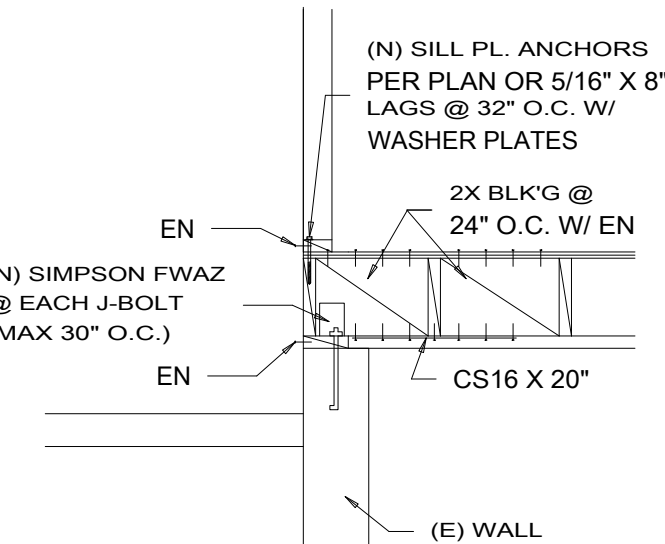
DETAIL (TYP) A



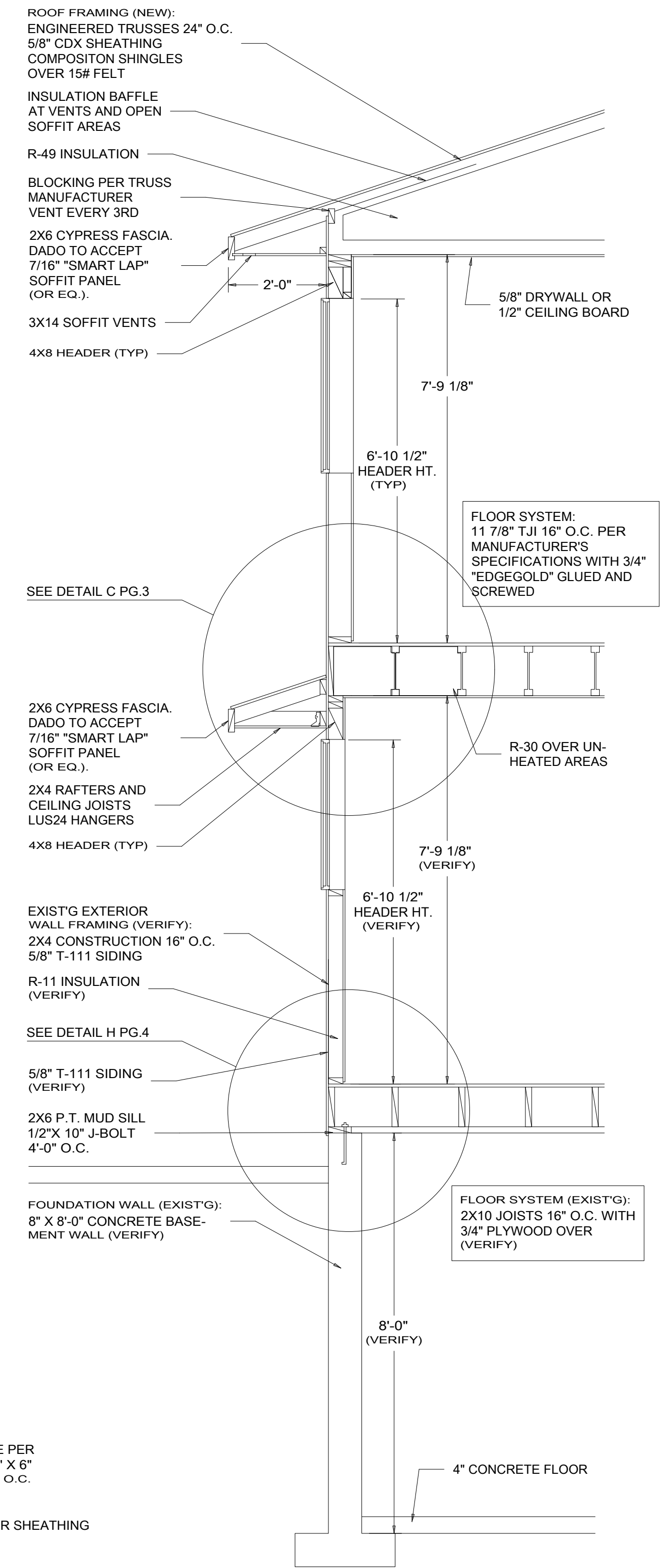
DETAIL (TYP) E



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