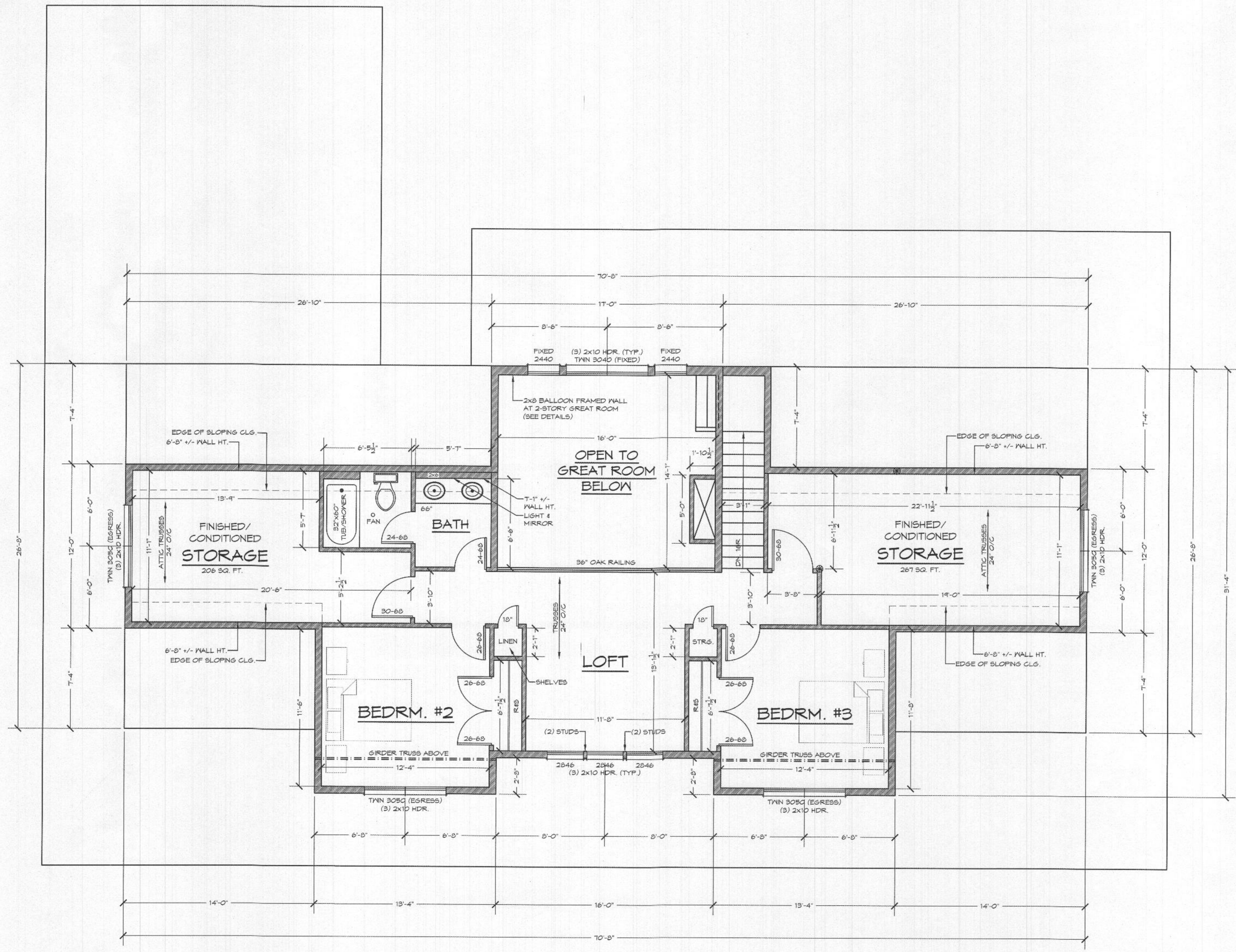


TYPICAL STAIR SECTION
NOT TO SCALE

*NOTE: ALL STAIRS SHALL BE CONSTRUCTION IS ACCORDANCE WITH IRC 2010 SECTION R314

R615.2 WINDOW SILLS
ALL WINDOWS WHERE THE OPERABLE OPENING IS LOCATED MORE THAN 12\"/>

- EXCEPTIONS:
1. WINDOWS WHOSE OPENINGS WILL NOT ALLOW A 4\"/>
 2. OPENINGS THAT ARE PROVIDED WITH WINDOW GUARDS THAT COMPLY WITH ASTM F 2006 OR F 2090.



SECOND FLOOR FRAMING PLAN- 1173 SQUARE FEET

SCALE: 1/4\"/>

THE FICK RESIDENCE

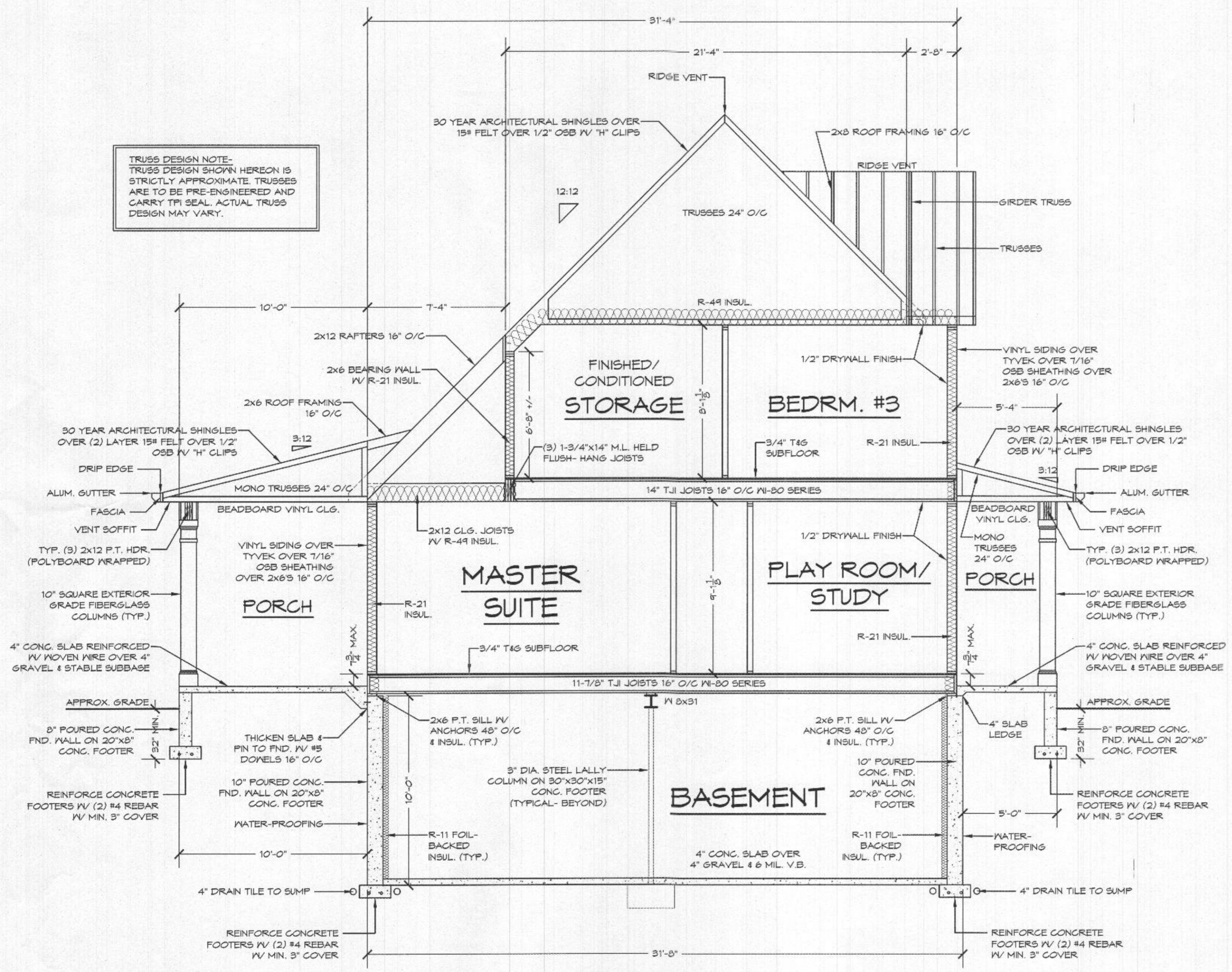
FILE: FICK RESIDENCE

SCALE: 1/4\"/>

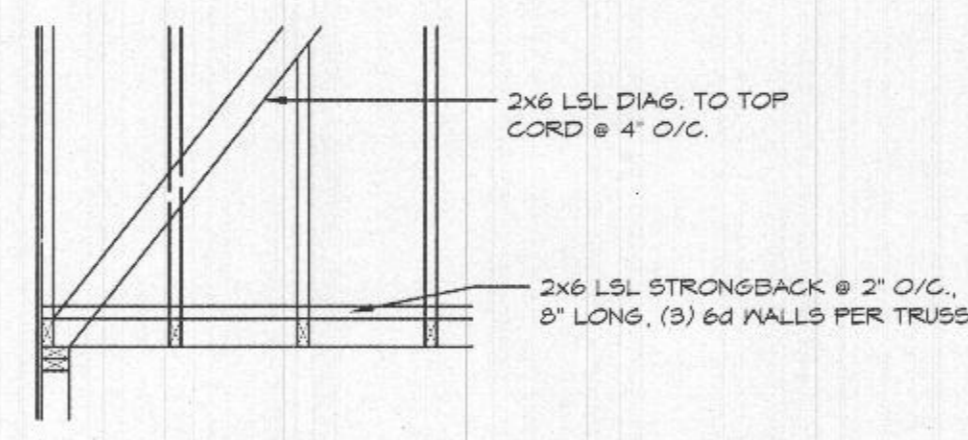
GBL CUSTOM HOME DESIGN INC.
PO BOX 237 FINNLSBURG, MD 21048
PHONE 410-833-8320

THE FICK RESIDENCE

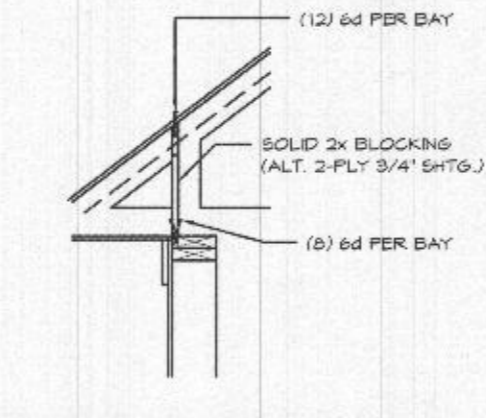
TRUSS DESIGN NOTE:
TRUSS DESIGN SHOWN HEREON IS STRICTLY APPROXIMATE. TRUSSES ARE TO BE PRE-ENGINEERED AND CARRY TPI SEAL. ACTUAL TRUSS DESIGN MAY VARY.



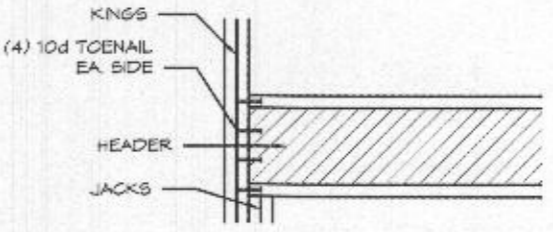
SECTION "A"
SCALE: 1/4" = 1'-0"



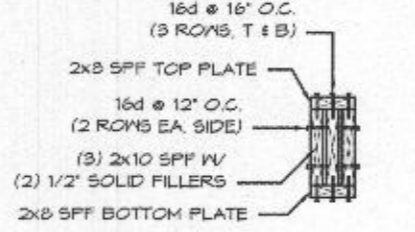
WALL PARALLEL TO ROOF TRUSSES
SCALE: 1/2" = 1'-0"



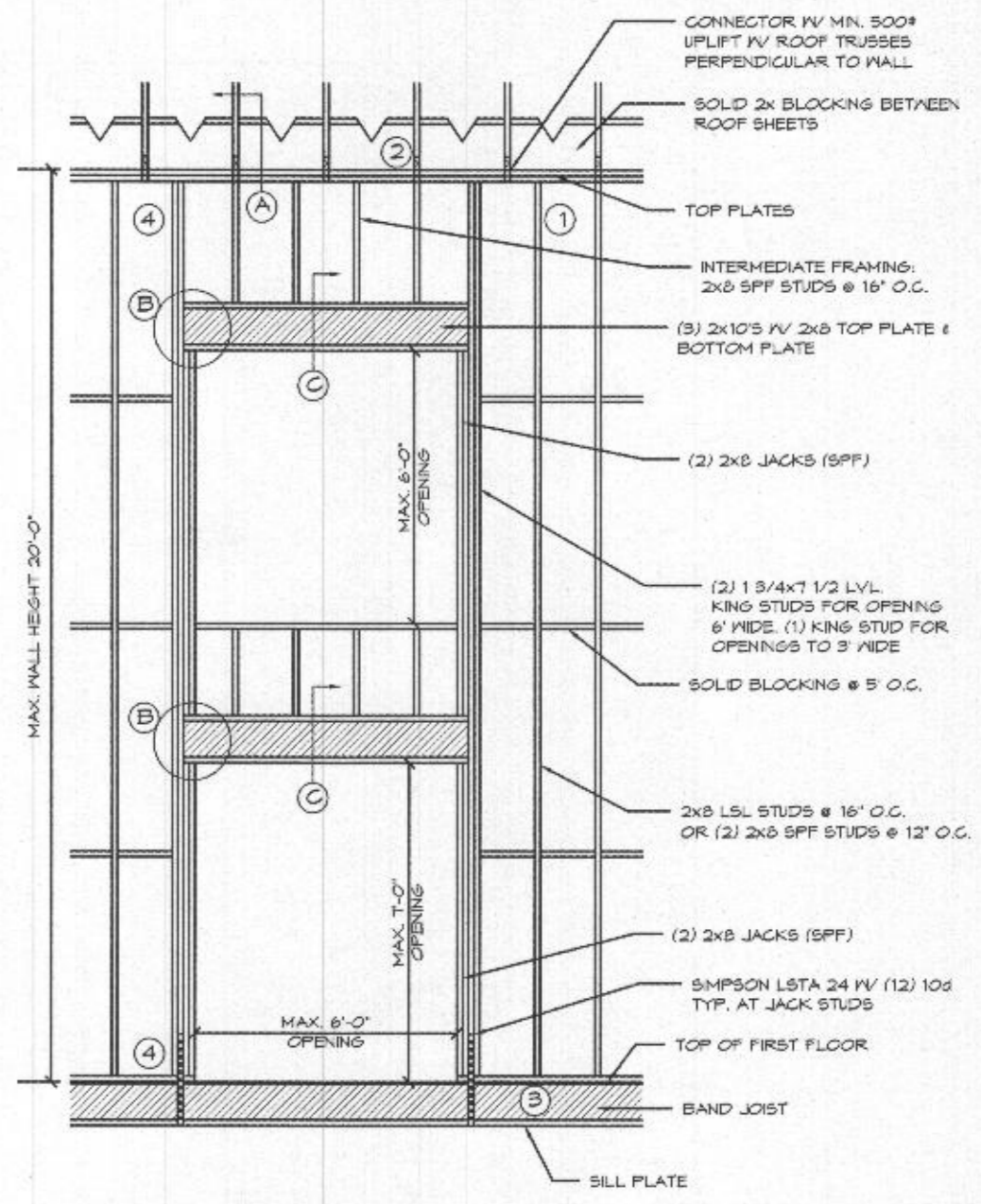
SOLID BLOCKING DETAIL
SCALE: 1/2" = 1'-0"



HEADER/KING CONNECTION
SCALE: 1/2" = 1'-0"



HEADER SECTION
SCALE: 1/2" = 1'-0"

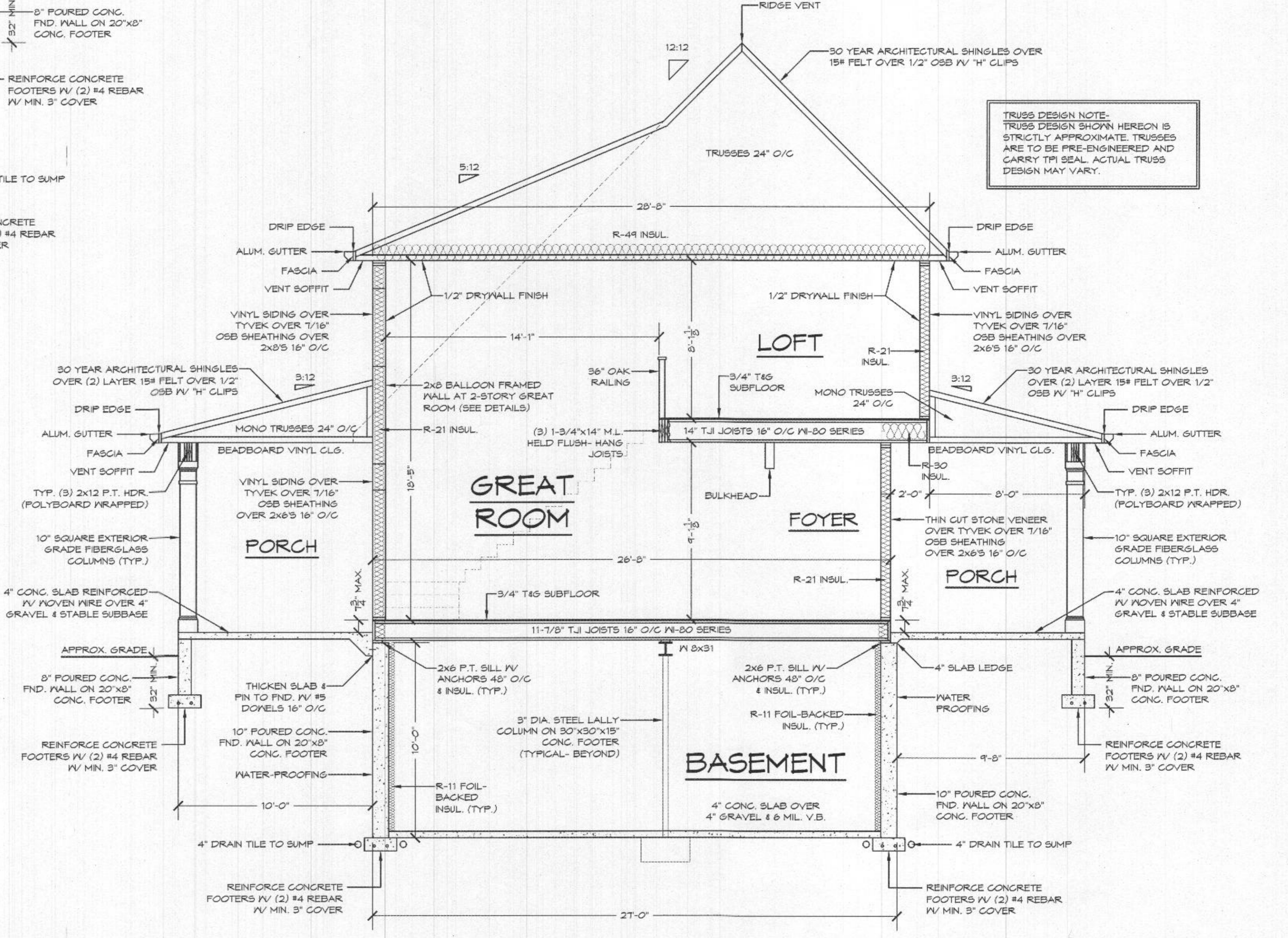


WALL FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

TYP. 2-STORY WALL CONSTRUCTION DETAIL
SCALE: AS SHOWN

- NAILING SCHEDULE:**
- STUDS TO TOP & BOTTOM PLATES (2) 16d
 - PLATE TO PLATE, 10d @ 8' O.C. IV (3) 10d / KING
 - BOTTOM PLATE TO BAND, 16d @ 8' O.C. IV (3) 16d / KING
 - NOTE: DOUBLE BAND, JUST 2 EA. SIDE OF OPENING.
 - SIMPSON A 34 ANCHS. TYP. # KINGS

TRUSS DESIGN NOTE:
TRUSS DESIGN SHOWN HEREON IS STRICTLY APPROXIMATE. TRUSSES ARE TO BE PRE-ENGINEERED AND CARRY TPI SEAL. ACTUAL TRUSS DESIGN MAY VARY.

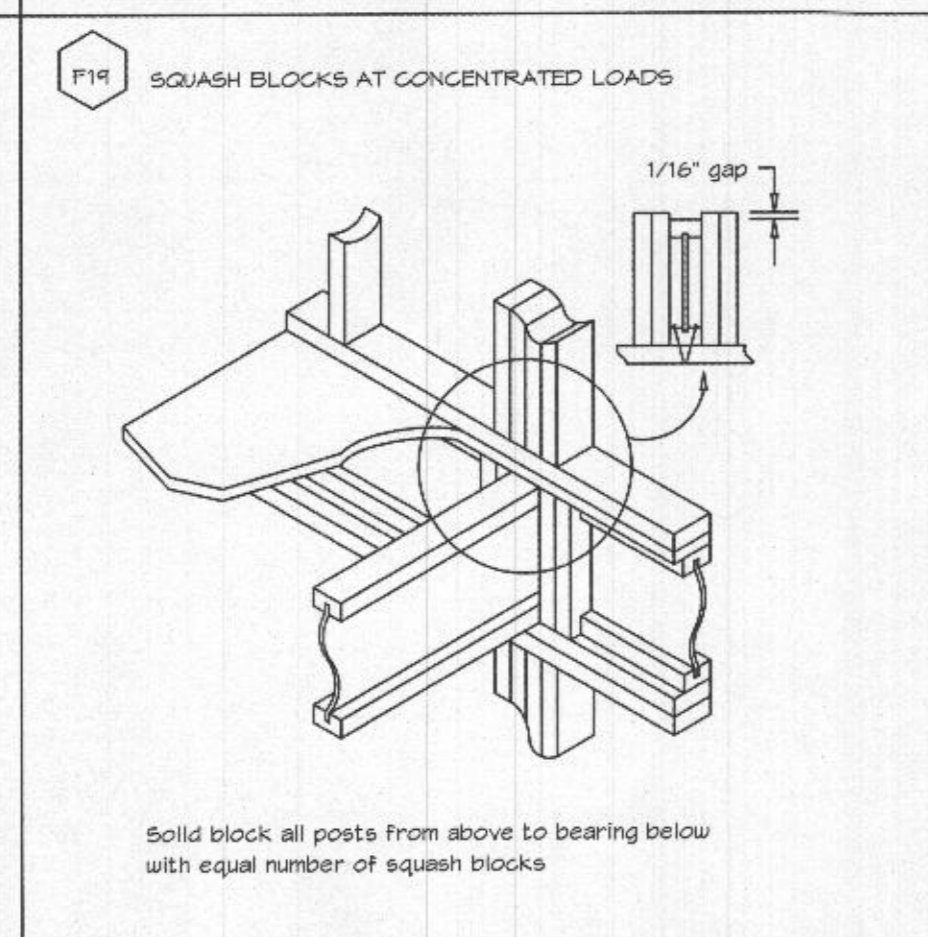
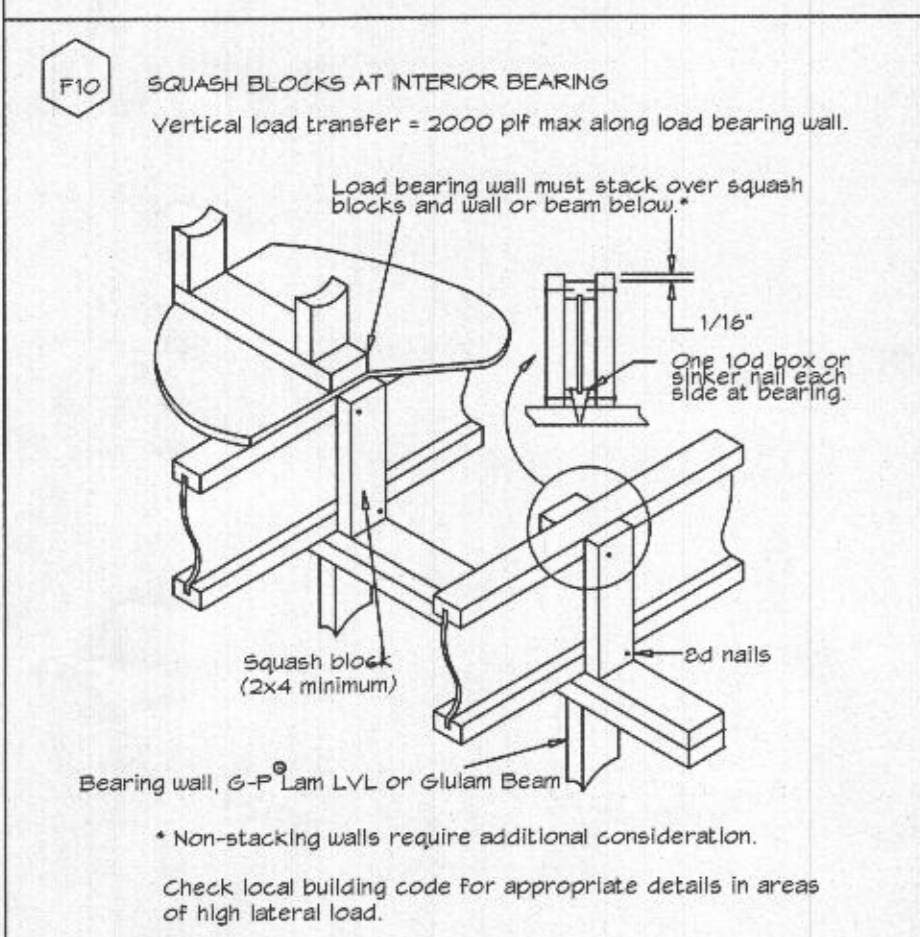
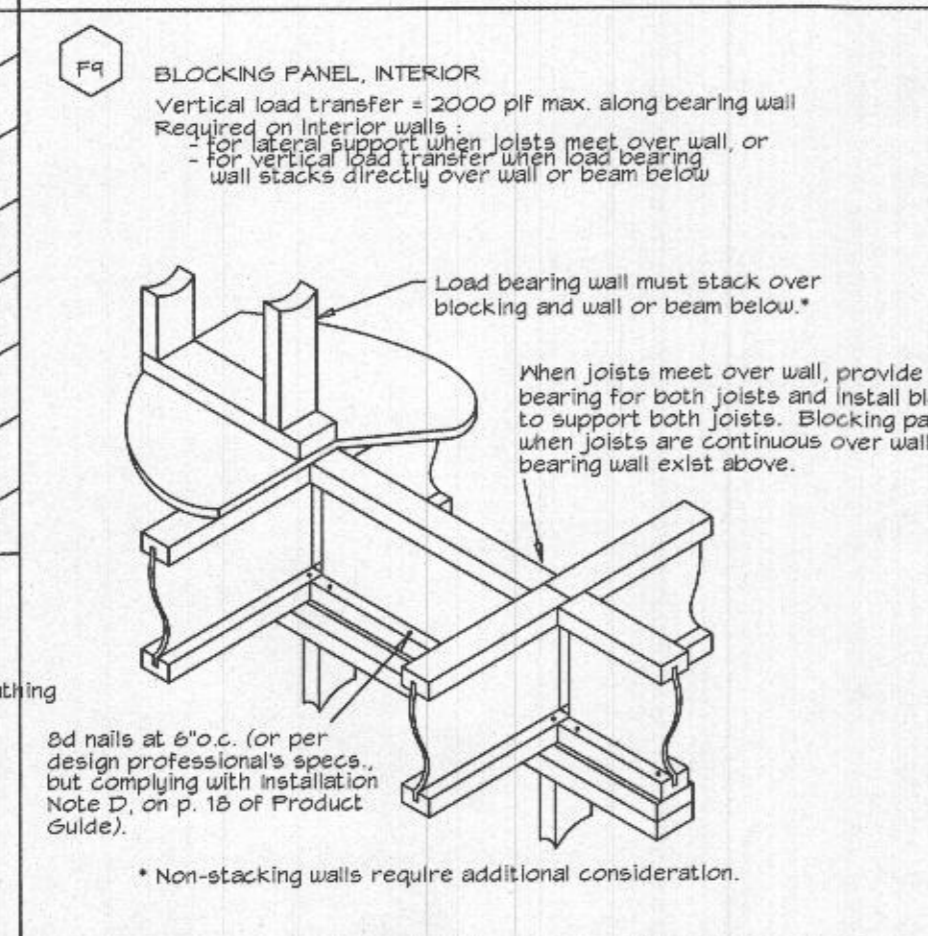
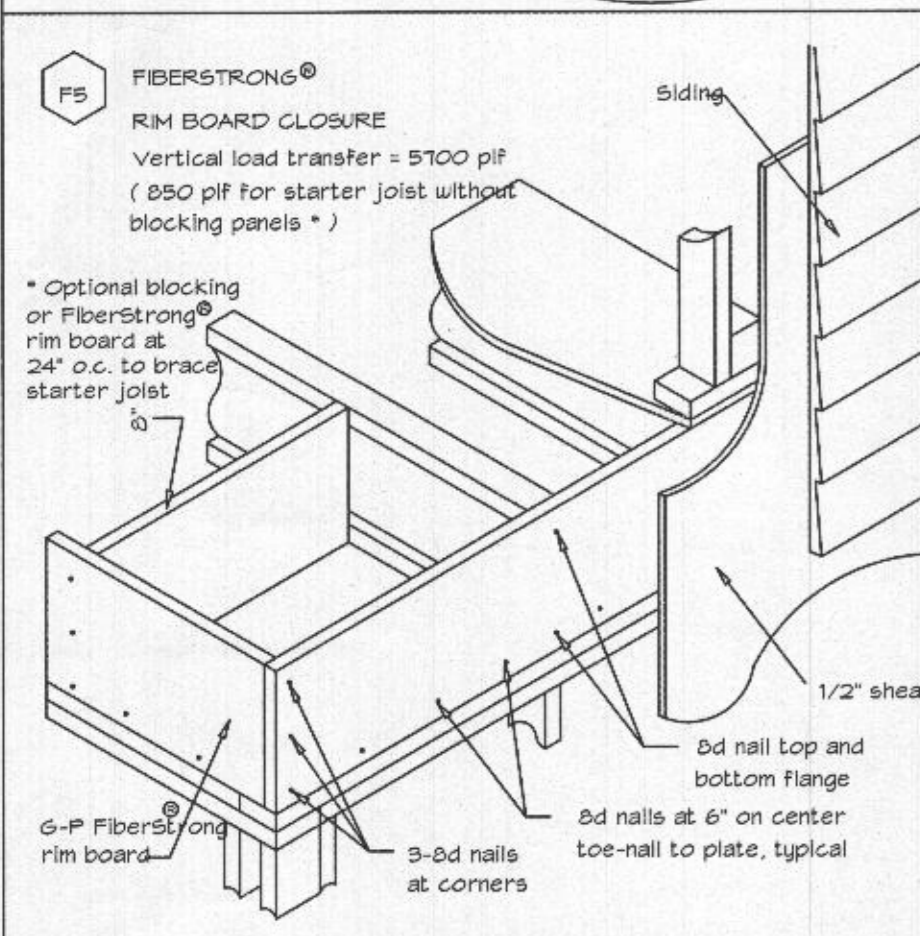
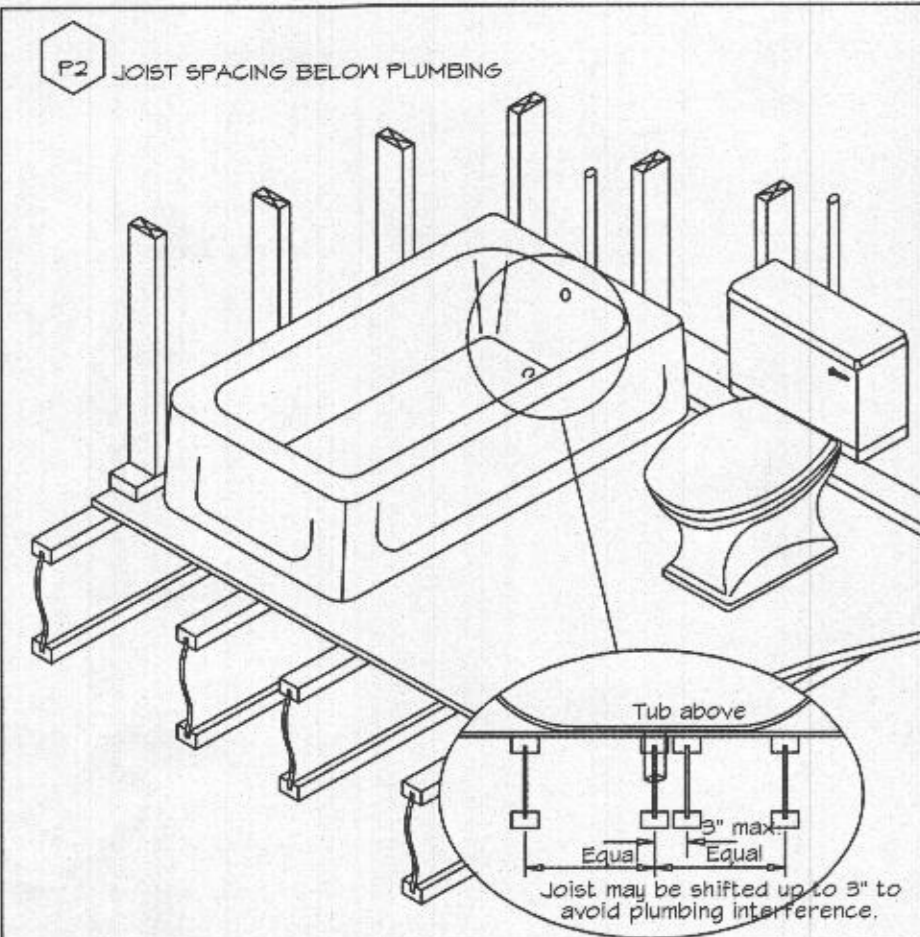


SECTION "B"
SCALE: 1/4" = 1'-0"

FILE: FICK RESIDENCE

SCALE: 1/4" = 1'-0"
DATE: 10/20/20
SHEET NO.: 7

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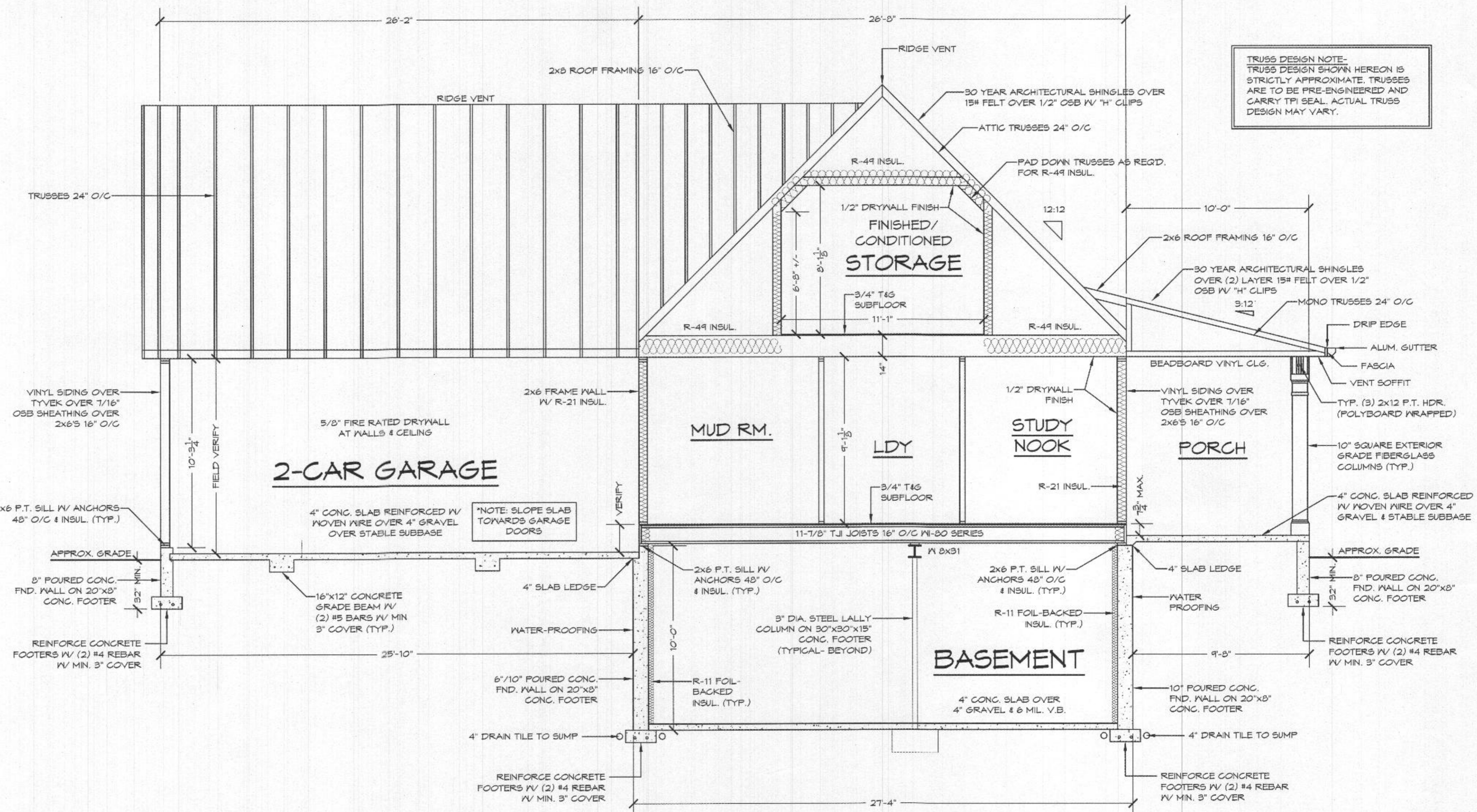
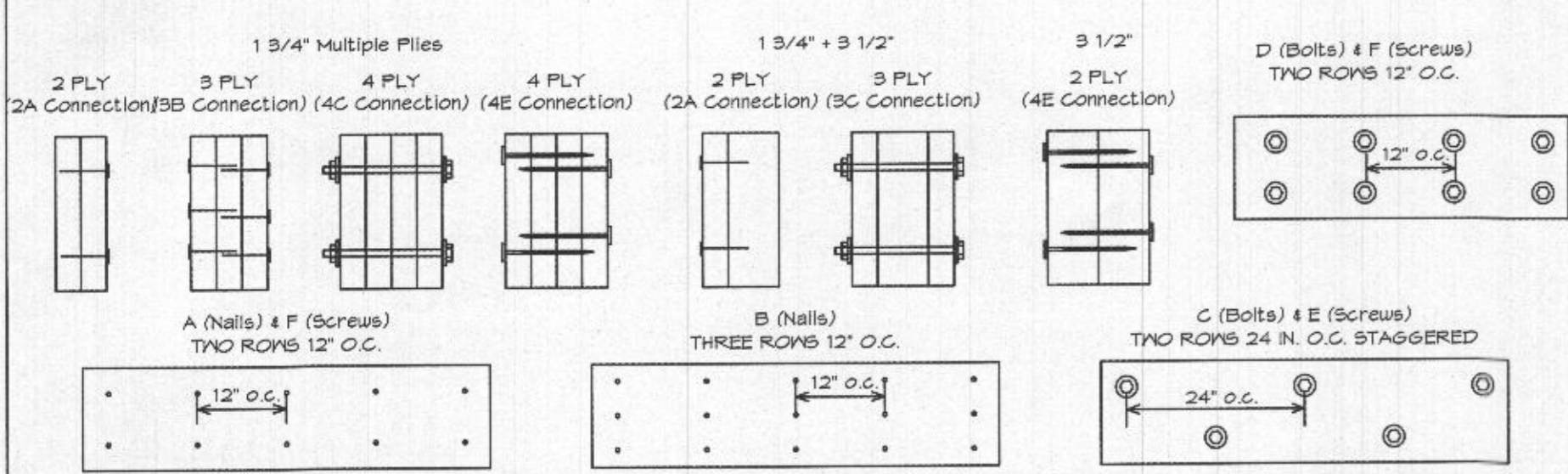


LVL FASTENING SCHEDULE

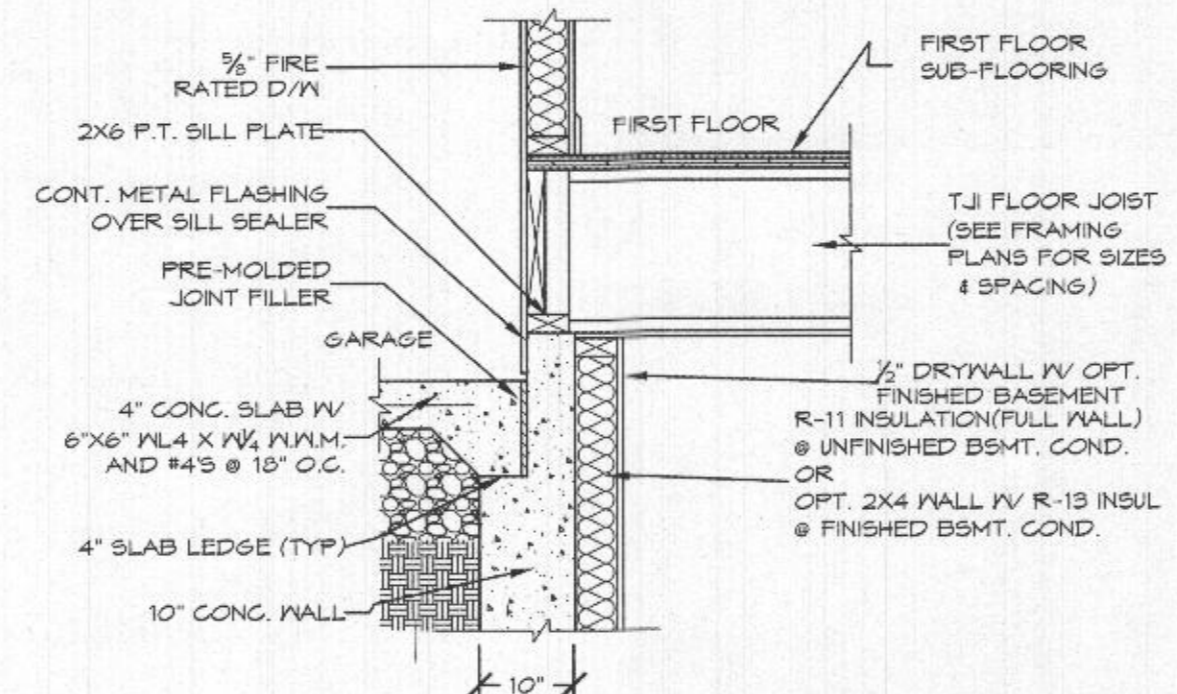
Maximum Uniform Load Applied to Either or Both Outside Pieces (Pounds per lineal foot)

Pieces in Member	1 3/4\"		1 1/2\"		SCREWS (Note 4)	
	A	B	C	D	E	F
2	505	760	505	1015	500	995
3	380	570	380	760	375	745
4	Not Permitted		340	675	330	665

- NOTES:
- Confirm adequacy of the beam (depth and number of pieces) for carrying the designated load.
 - Stress level for nail and bolt values is 100%. Increases of 15% for snow loaded or 25% for non-snow loaded roof conditions are permitted.
 - Top and bottom row of connectors should be 2\"/>



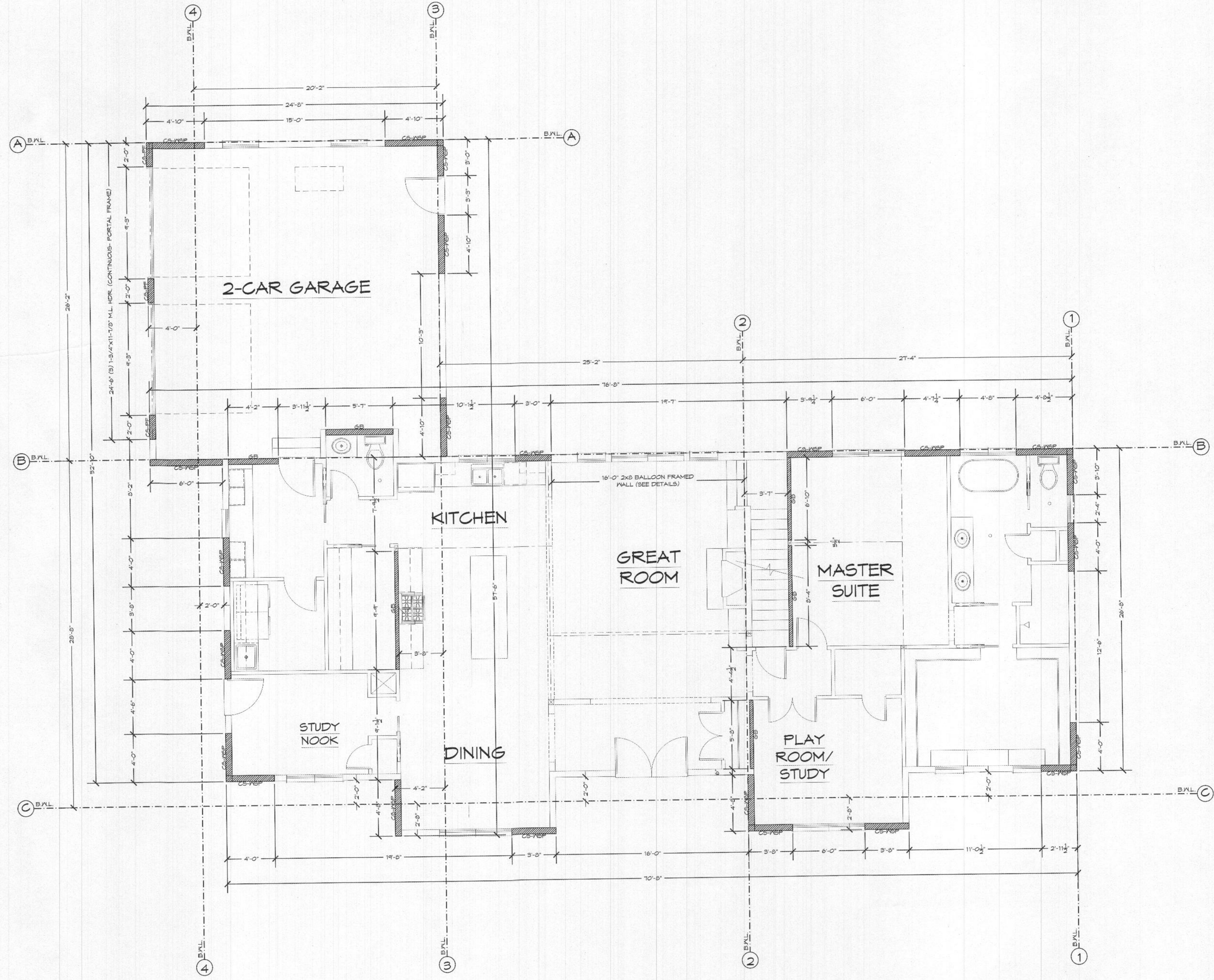
SECTION "C"
SCALE: 1/4"=1'-0"



INT. WALL @ GARAGE
SCALE: 3/4"=1'-0"

THE FICK RESIDENCE

THE FICK RESIDENCE



FIRST FLOOR WALL BRACING LAYOUT

SCALE: 1/4"=1'-0"
9' FIRST FLOOR CEILING HEIGHT

LEGEND:
 CS-WSP CONTINUOUS SHEATHING- WOOD STRUCTURAL PANEL (-LENGTH)
 CS-PF CONTINUOUS SHEATHED PORTAL FRAME
 CS-G CONTINUOUS SHEATHING- GARAGE DOOR OPENING
 GB GYPSUM 2 SIDED
 ⊕ TIE DOWN DEVICE (-LBS)

WALL BRACING DESIGN INFO:

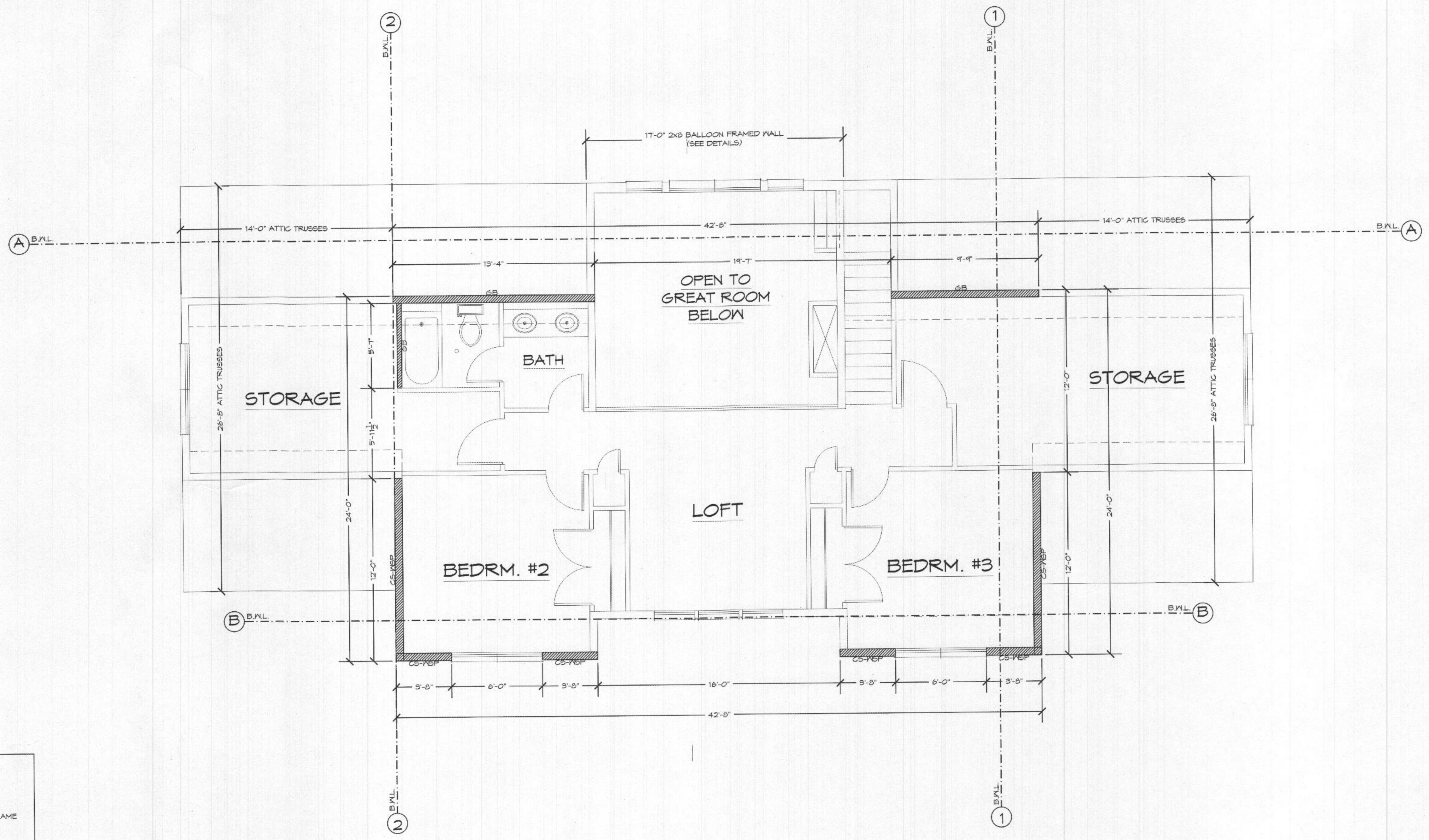
LOCATION: HOWARD COUNTY, MARYLAND
 SEISMIC CATEGORY: B
 WIND SPEED: 40 MPH
 METHOD 3 (WOOD SHEATHING)/ CONTINUOUS SHEATHING
 METHOD 5 (GYPSUM BOARD)
 *THESE DRAWINGS ARE LIMITED TO IRC WALL BRACING REQUIREMENTS ONLY.

R602.10.4 CONTINUOUS SHEATHING. BRACED WALL LINES WITH CONTINUOUS SHEATHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS SECTION. ALL BRACED WALL LINES ALONG EXTERIOR WALLS ON THE SAME STORY SHALL BE CONTINUOUSLY SHEATHED.

FILE: FICK-RESIDENCE

SCALE: 1/4"=1'-0"	GEL CUSTOM HOME DESIGN INC. PO BOX 237 FINKSBURG, MD 21048 PHONE 410-833-8320
DATE: 10/20/20	
SHEET NO.: 9	

THE FICK RESIDENCE



SECOND FLOOR WALL BRACING LAYOUT

SCALE: 1/4"=1'-0"
8' SECOND FLOOR FLAT CEILING HEIGHT

LEGEND:
 CS-WSP CONTINUOUS SHEATHING- WOOD STRUCTURAL PANEL (-LENGTH)
 CS-PF CONTINUOUS SHEATHED PORTAL FRAME
 CS-G CONTINUOUS SHEATHING- GARAGE DOOR OPENING
 GB GYPSUM 2 SIDED
 ⊗ TIE DOWN DEVICE (-LBS)

WALL BRACING DESIGN INFO:

LOCATION: HOWARD COUNTY, MARYLAND
 SEISMIC CATEGORY: B
 WIND SPEED: 90 MPH

METHOD 3 (WOOD SHEATHING)/ CONTINUOUS SHEATHING
 METHOD 5 (GYPSUM BOARD)

*THESE DRAWINGS ARE LIMITED TO IRC WALL BRACING REQUIREMENTS ONLY.

R602.10.4 CONTINUOUS SHEATHING. BRACED WALL LINES WITH CONTINUOUS SHEATHING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS SECTION. ALL BRACED WALL LINES ALONG EXTERIOR WALLS ON THE SAME STORY SHALL BE CONTINUOUSLY SHEATHED.

HOLD-DOWN DEVICE: 800 lbs. CAPACITY FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FLOOR FRAMING BELOW. (R602.10)

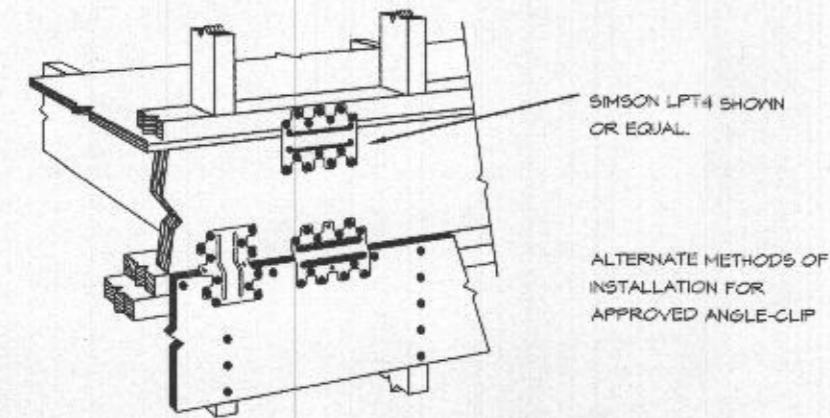
FILE: FICK RESIDENCE

SCALE: 1/4"=1'-0"
 DATE: 10/20/20
 SHEET NO.: 10

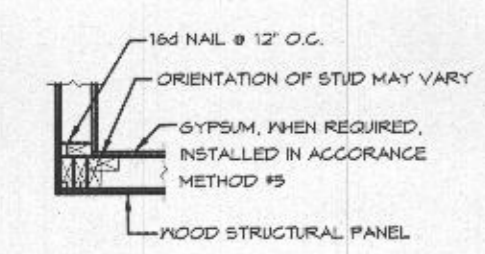
GBL CUSTOM HOME DESIGN INC.
 PO BOX 237 FINKSBURG, MD. 21048
 PHONE: 410-835-8320

THE FICK RESIDENCE

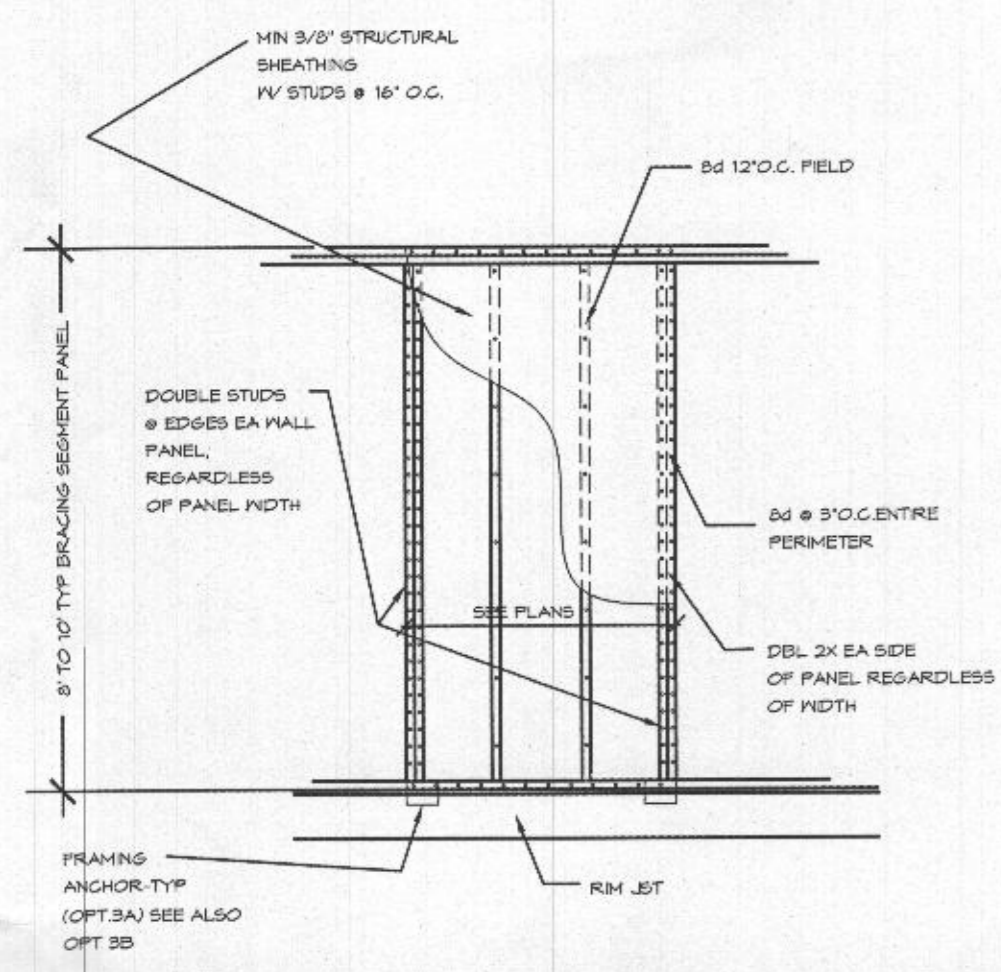
AT CORNERS, CONNECT THE TWO WALLS TOGETHER AS OUTLINED IN THIS DETAIL TO PROVIDE OVERTURNING RESTRAINT.



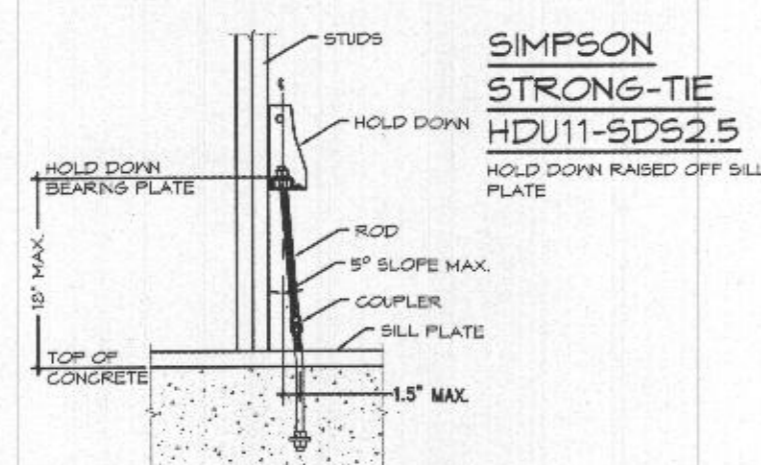
**BRACED PANEL CONSTRUCTION
RAISED WOOD FLOOR OR
SECOND FLOOR INSTALLATION**



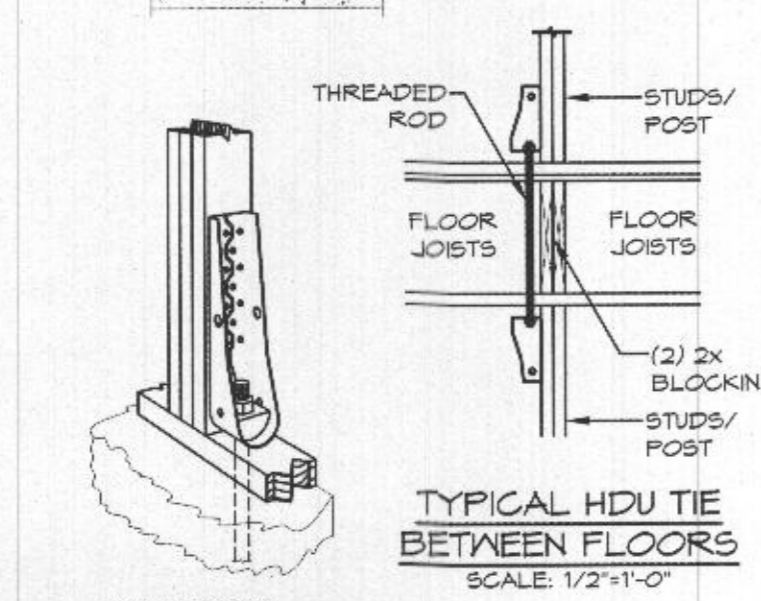
OUTSIDE CORNER DETAIL
SCALE: NOT TO SCALE



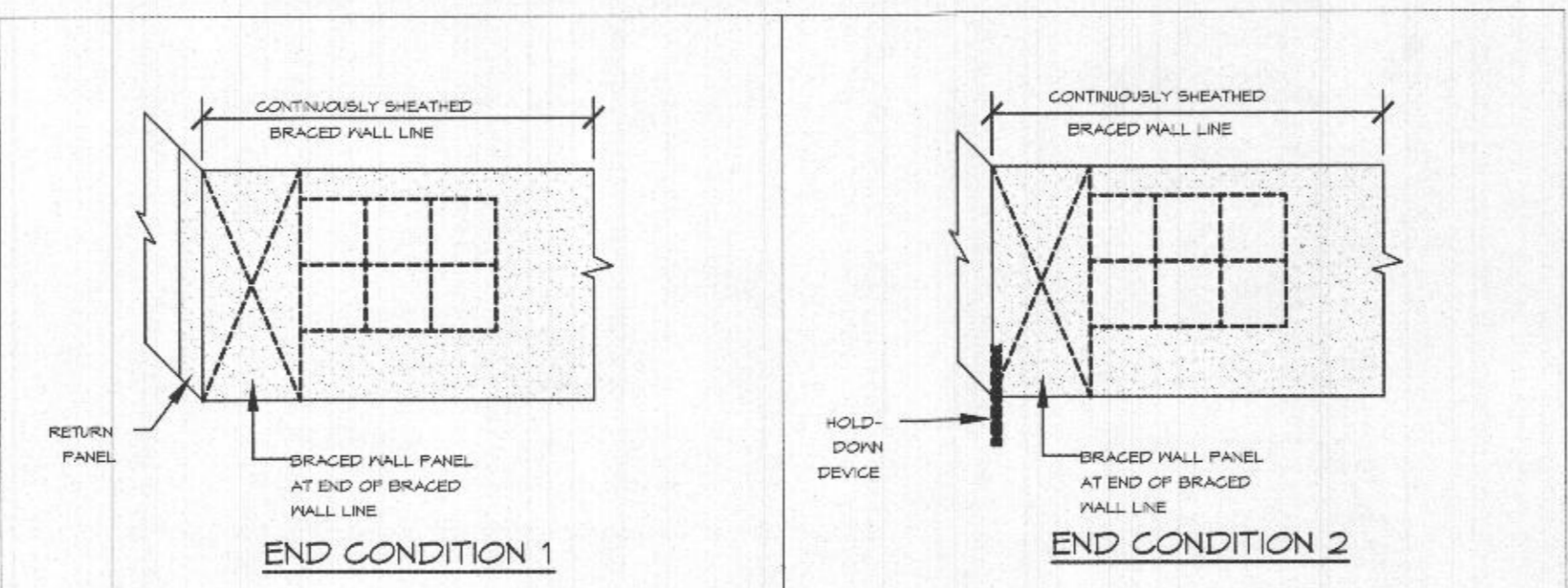
**BRACED PANEL CONSTRUCTION (APA METHOD)
RAISED WOOD FLOOR OR 2ND FLOOR**
SCALE: NOT TO SCALE



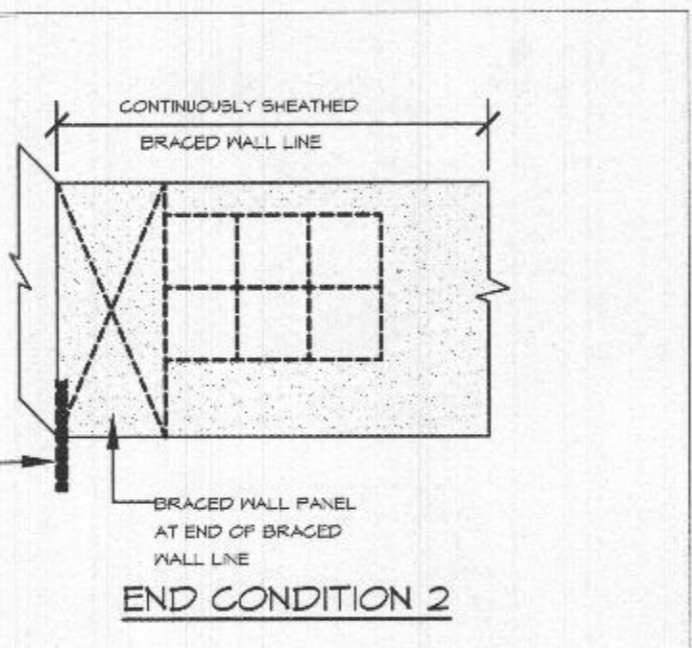
**SIMPSON STRONG-TIE
HDU11-SDS2.5**
HOLD DOWN RAISED OFF SILL PLATE
SCALE: 1/2"=1'-0"



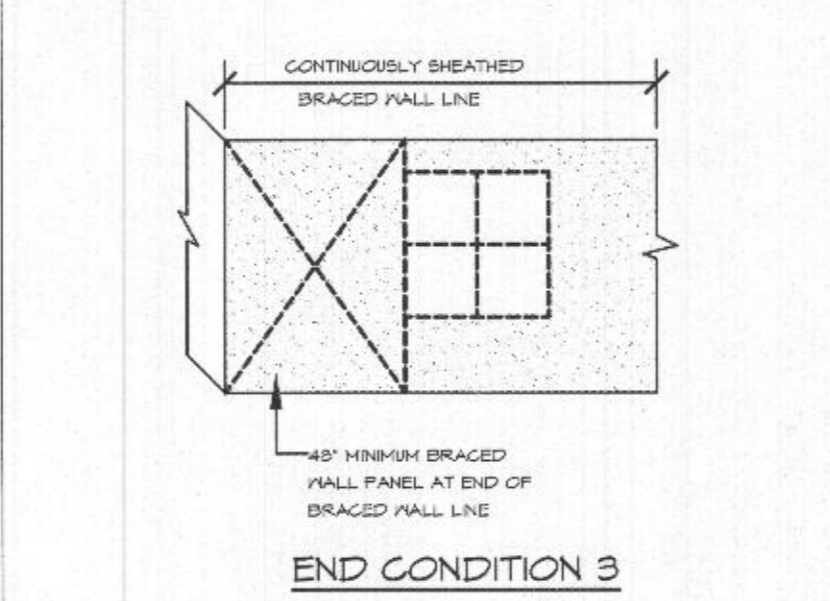
**SIMPSON STRONG-TIE
HDU11-SDS2.5**
(HDU2, HDU3, HDU11, HDU14, HDU15)



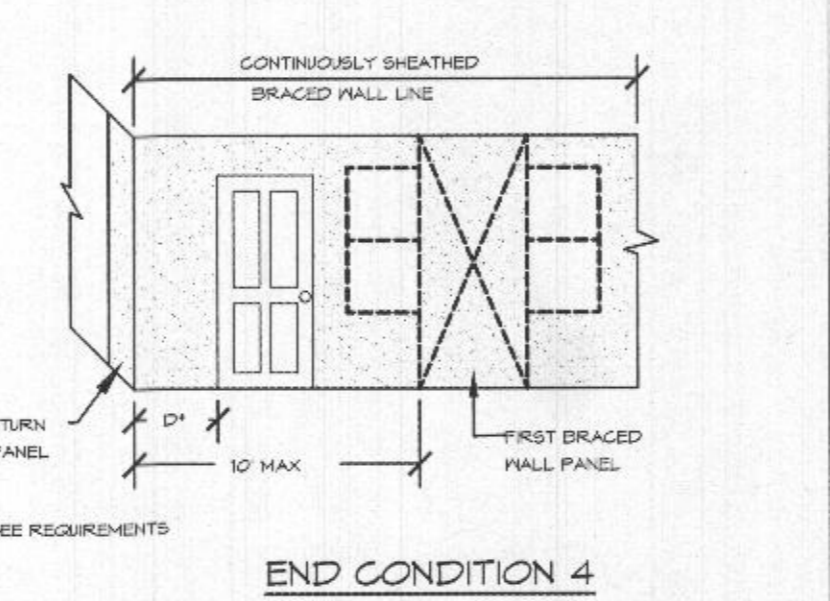
END CONDITION 1



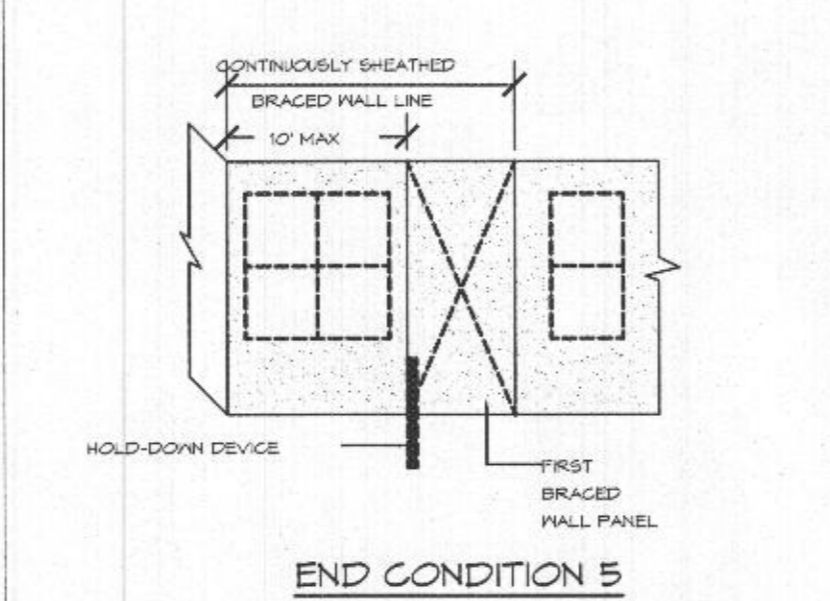
END CONDITION 2



END CONDITION 3



END CONDITION 4



END CONDITION 5

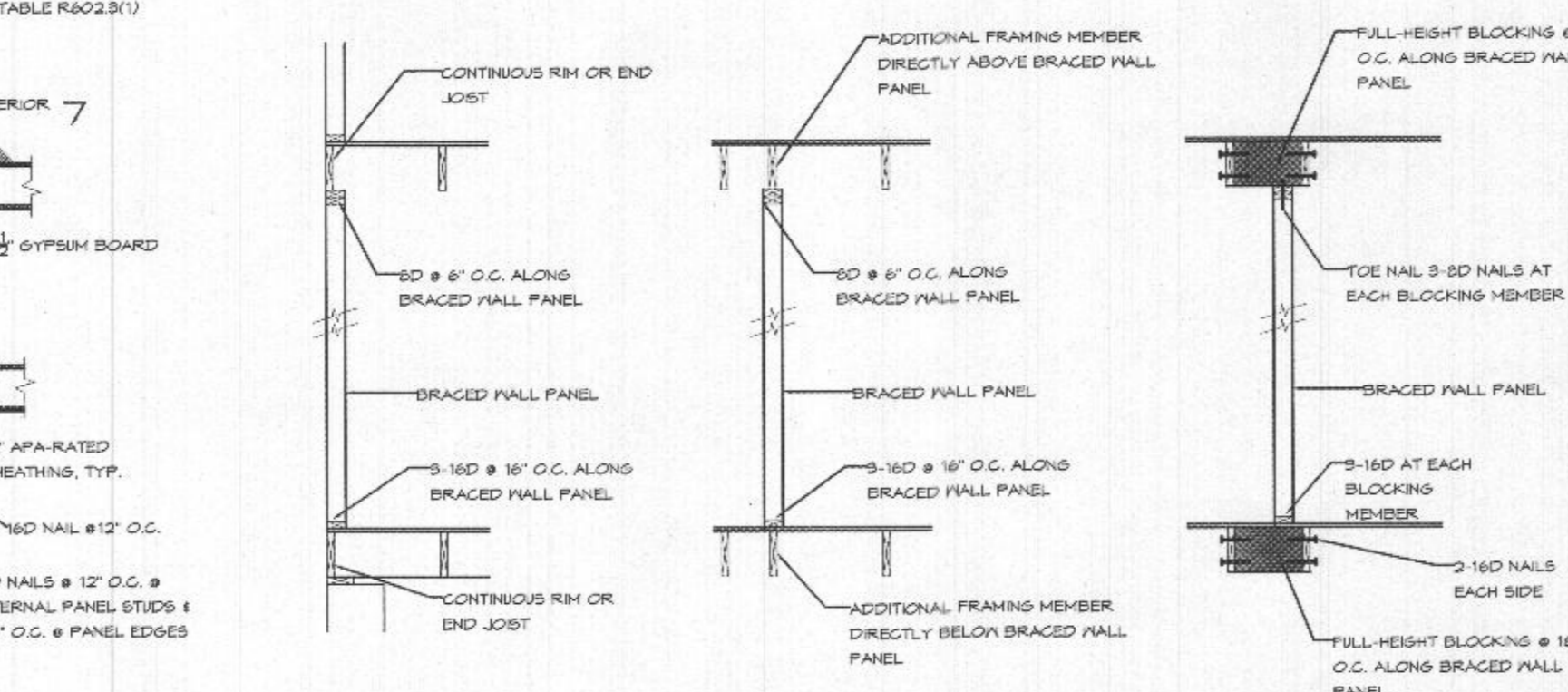
REQUIREMENTS

RETURN PANEL:
24" FOR BRACED WALL LINES SHEATHED WITH WOOD STRUCTURAL PANELS
32" FOR BRACED WALL LINES SHEATHED WITH STRUCTURAL FIBERBOARD

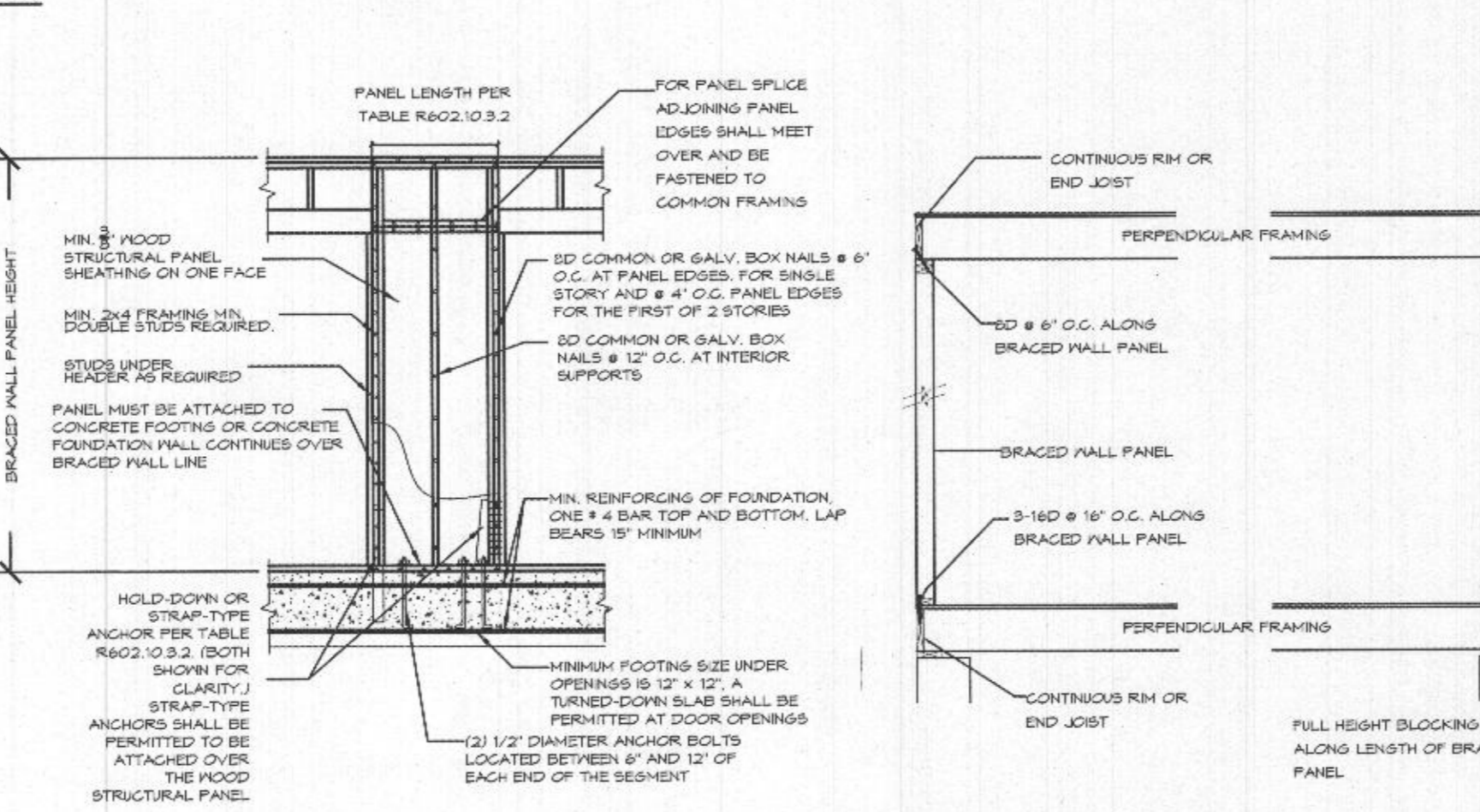
DISTANCE D:
34" FOR BRACED WALL LINES SHEATHED WITH WOOD STRUCTURAL PANELS
32" FOR BRACED WALL LINES SHEATHED WITH STRUCTURAL FIBERBOARD

HOLD-DOWN DEVICE:
800 LBS. CAPACITY FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FLOOR FRAMING BELOW

CORNER CONDITIONS
NOT TO SCALE

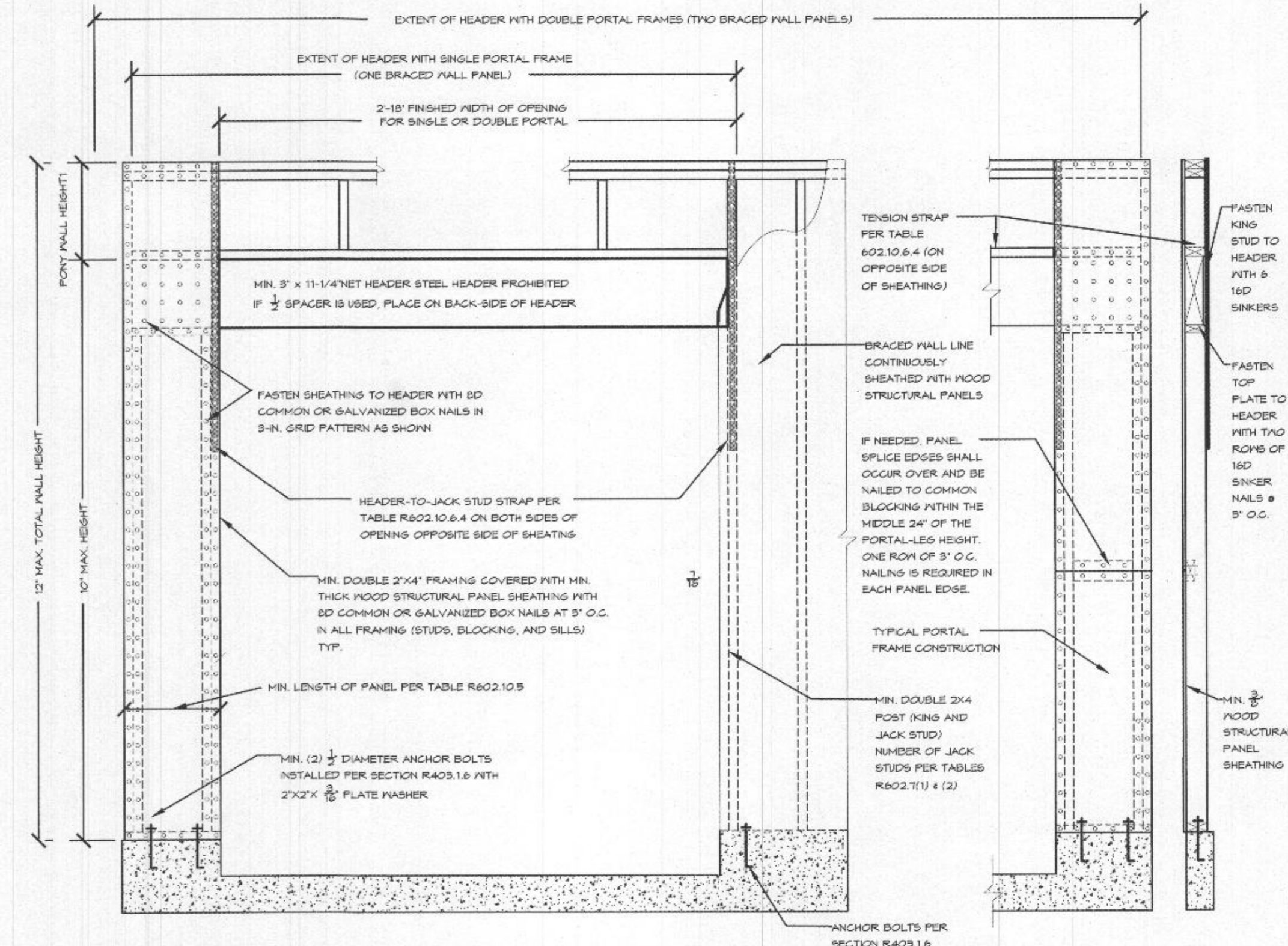


PARALLEL CONNECTIONS
NOT TO SCALE

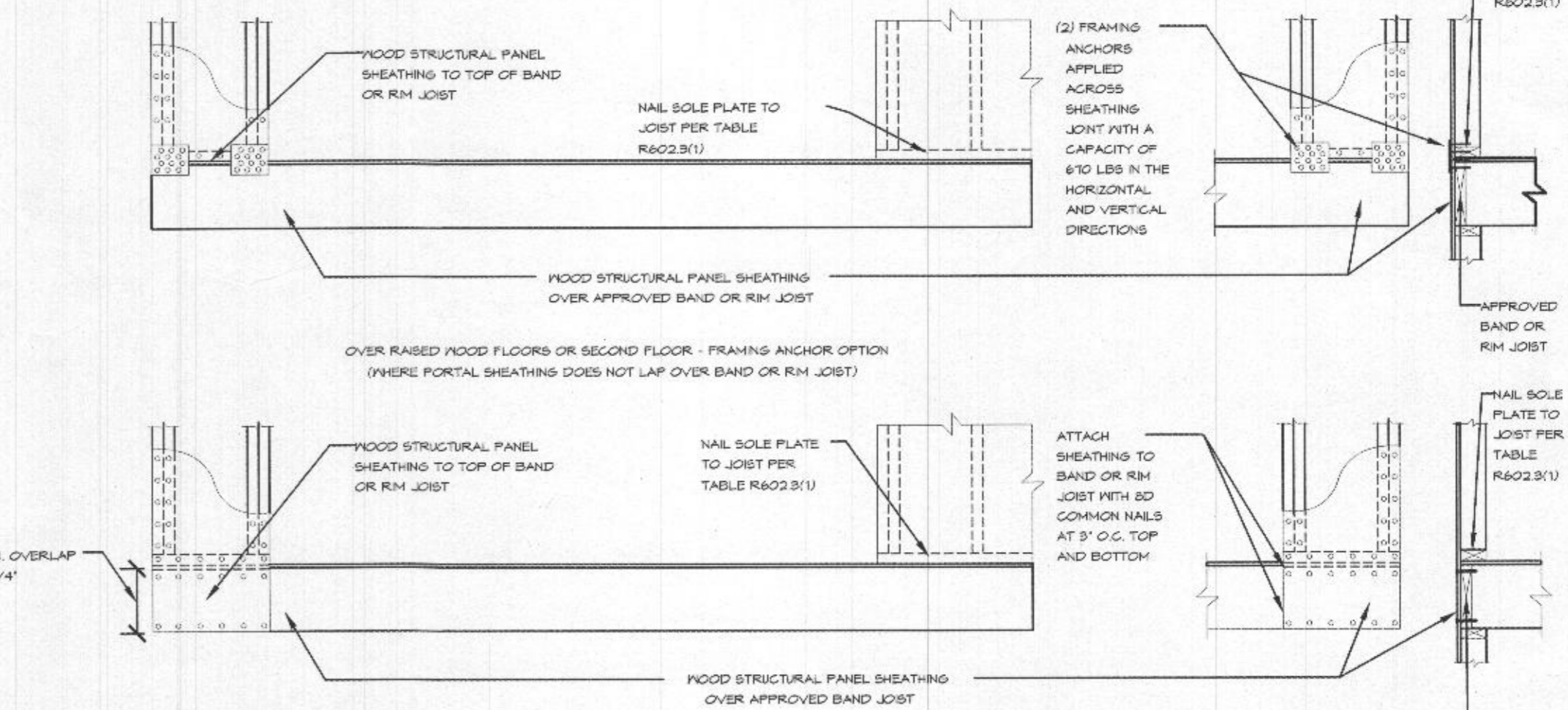


ALTERNATE BRACED WALL PANEL
NOT TO SCALE

PERPENDICULAR CONNECTIONS
NOT TO SCALE



CS-PF OVER CONCRETE OR MASONRY FOUNDATION
NOT TO SCALE



CS-PF OVER WOOD FLOOR
NOT TO SCALE

**FIGURE R602.10.8.2(1)
BRACED WALL PANEL CONNECTION
TO PERPENDICULAR RAFTERS**

**FIGURE R602.10.8.2(2)
BRACED WALL PANEL CONNECTION OPTION
TO PERPENDICULAR RAFTERS OR ROOF TRUSSES**

ROOF CONNECTIONS
NOT TO SCALE

1

3A

3B

GENERAL NOTE: ALL VERTICAL JOINTS OF PANEL SHEATHING SHALL OCCUR OVER AND BE FASTENED TO COMMON STUDS. BLOCKING IS NOT REQUIRED BEING HORIZONTAL JOINTS IN SEISMIC CATEGORIES A & B WHEN METHOD 3 IS USED.

FILE: FICK-RESIDENCE

SCALE: 1/4"=1'-0"
DATE: 10/20/20
SHEET NO.: 11

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