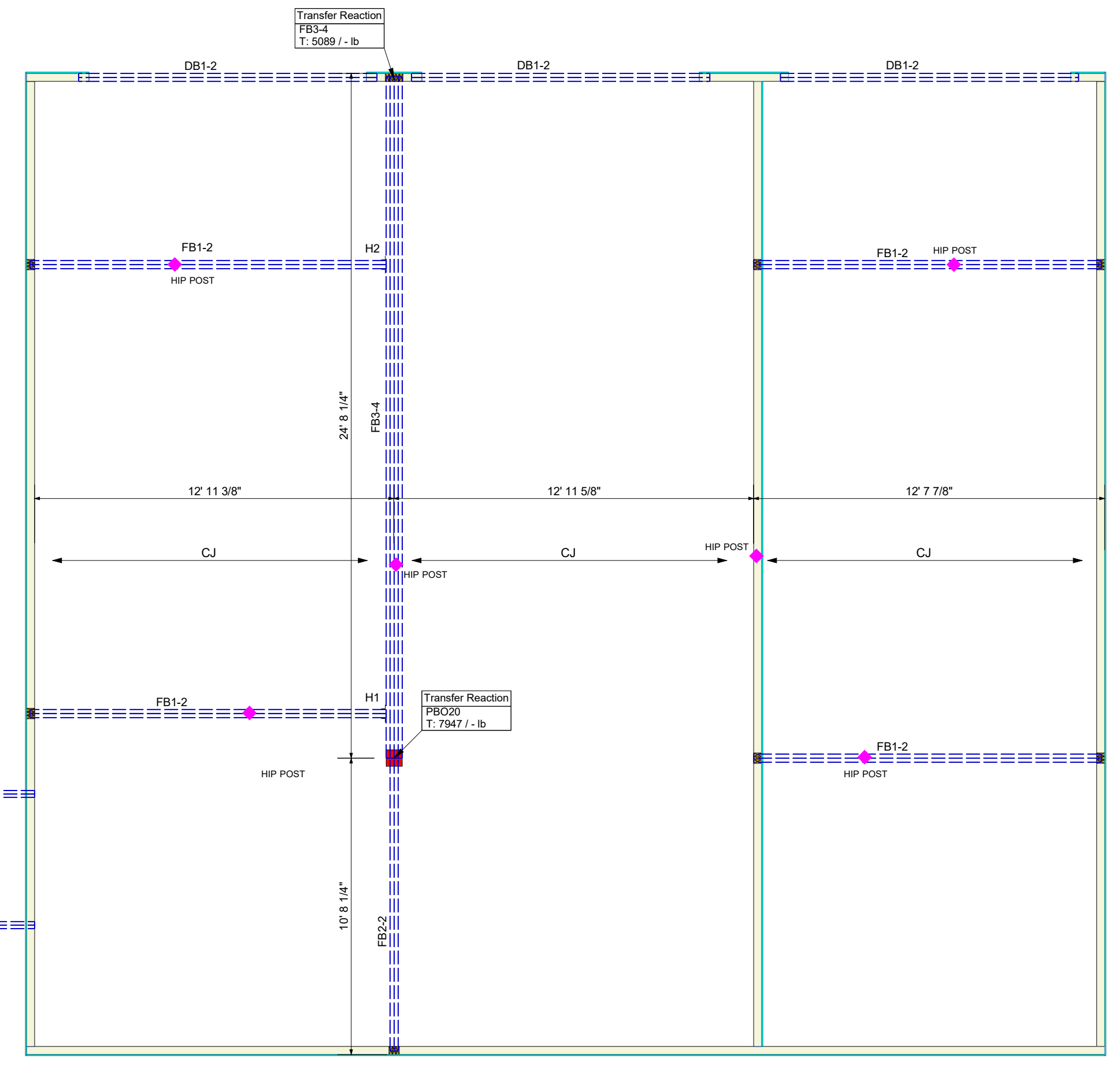
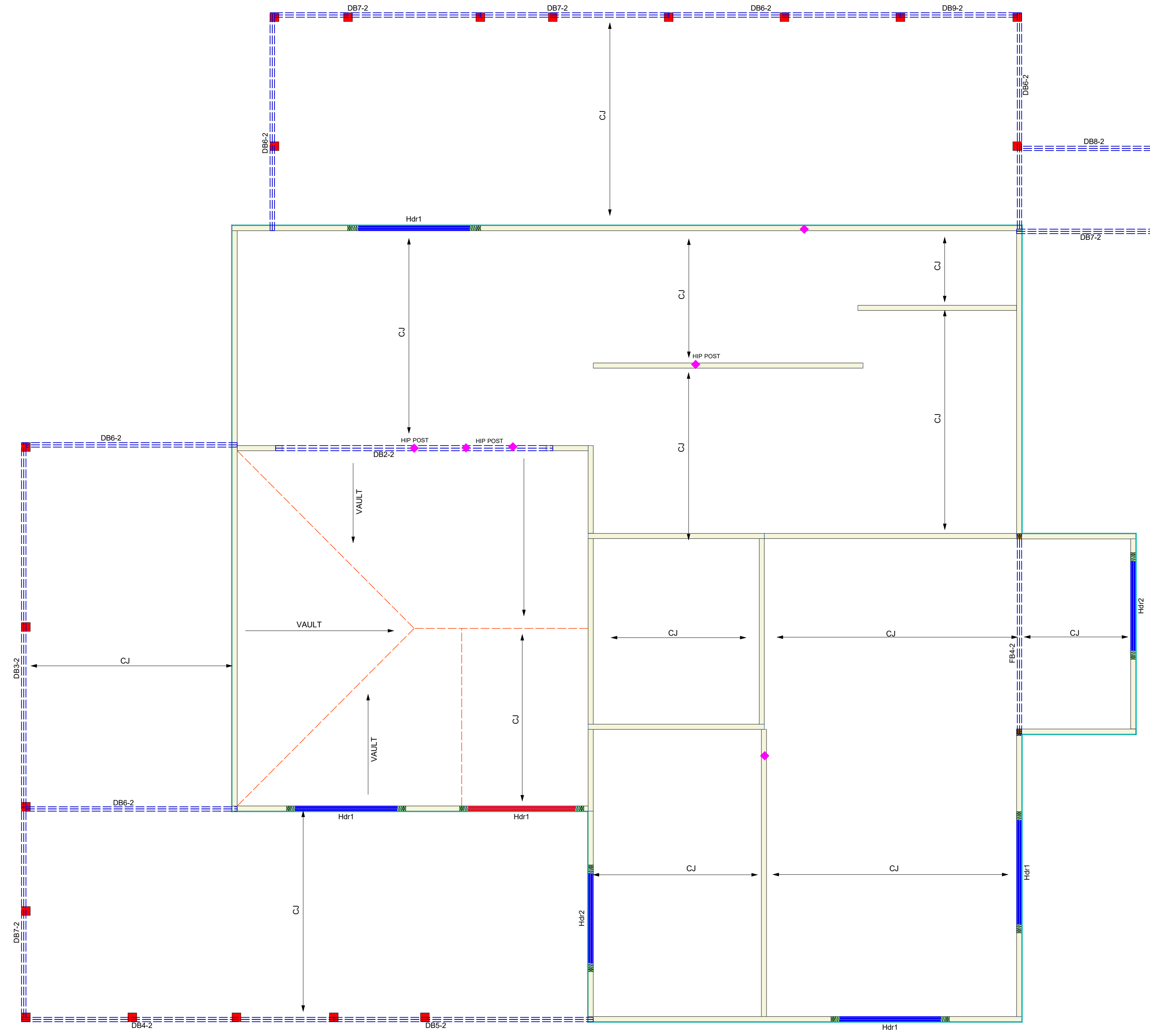


GENERAL NOTES & DESIGN ASSUMPTIONS

- ◆ = POSTING FROM VALLEY OR HIP
- ALL CEILING JOISTS ARE 2x8 SPF #2 SPACING PER IRC (UNO)
- ALL RAFTERS ARE 2x8 SPF #2 SPACING PER IRC (UNO)
- ALL LOAD HEADERS, NOT SHOWN ON LAYOUT, ARE (2)2x10 SYP #2 (UNO)
- ALL 2x4, 2x6 & 2x8 ARE SPF #2 (UNO)
- ALL 2x10 & 2x12 JOISTS ARE SYP #2 (UNO)
- ALL RIDGES AND HIP RAFTERS ARE 2x10 or 2x12 (UNO)
- ALL VALLEY RAFTERS ARE 2x12 (UNO)
- #J = NUMBER OF 2x4 SPF #2 JACK STUDS REQUIRED (LVL POST PT#)



◆ Indicates Point Load From Hip Or Valley

| Hangers | | | |
|---------|-----|---------|---------------|
| PlotID | Qty | Manuf | Product |
| H1 | 1 | Simpson | HHUS410 |
| H2 | 1 | Simpson | IUS3.56/11.88 |

| Products | | | | | |
|----------|-----------|--|-------|---------|----|
| PlotID | Length | Product | Piles | Net Qty | |
| DB1-2 | 12' 0" | 1-3/4" x 9-1/4" VERSA-LAM® LVL 2.1E 3100 SP | 2 | 2 | 6 |
| FB1-2 | 14' 0" | 1-3/4" x 11-7/8" VERSA-LAM® LVL 2.1E 3100 SP | 2 | 2 | 8 |
| DB2-2 | 16' 0" | 1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP | 2 | 2 | 2 |
| FB2-2 | 12' 0" | 1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP | 2 | 2 | 2 |
| FB3-4 | 26' 0" | 1-3/4" x 16" VERSA-LAM® LVL 2.1E 3100 SP | 4 | 4 | 4 |
| DB3-2 | 22' 0" | 2x10 SP No.2 | 2 | 2 | 2 |
| DB4-2 | 18' 0" | 2x10 SP No.2 | 2 | 2 | 2 |
| DB5-2 | 16' 0" | 2x10 SP No.2 | 2 | 2 | 2 |
| DB6-2 | 14' 0" | 2x10 SP No.2 | 2 | 2 | 10 |
| DB7-2 | 12' 0" | 2x10 SP No.2 | 2 | 2 | 8 |
| FB4-2 | 12' 0" | 2x10 SP No.2 | 2 | 2 | 2 |
| DB8-2 | 10' 0" | 2x10 SP No.2 | 2 | 2 | 2 |
| DB9-2 | 8' 0" | 2x10 SP No.2 | 2 | 2 | 2 |
| Bk1 | 13' 1" 0" | 2x6 SP No.2 | 1 | 1 | 1 |
| Bk2 | 32' 0" | 2x8 SP No.2 | 1 | 1 | 1 |

| Wall Framing | | | | |
|--------------|--------|--------------|-------|---------|
| PlotID | Length | Product | Piles | Net Qty |
| Hdr1 | 8' 0" | 2x10 SP No.2 | 2 | 10 |
| Hdr2 | 6' 0" | 2x10 SP No.2 | 2 | 4 |

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CLEMMONS, NC 27409
V (336) 712-9910

1135 ROBESON STREET
FAYETTEVILLE, NC 28305
V (910) 485-1111

3189 NC HIGHWAY 5
ABERDEEN NC 28315
V (910) 944-2516

This layout and associated materials list has been prepared based on project plans and/or information provided to Builders FirstSource (BFS). It remains the responsibility of the builder, architect, designer, or other responsible persons to review this information to assure that it is appropriate, accurate, complete and complies with applicable building codes.

- GENERAL NOTES:**
- 1.) READ THE INSTALLATION GUIDE BEFORE FRAMING.
 - 2.) ALL WALLS SHOWN ARE LOAD BEARING UNLESS NOTED OTHERWISE. WALLS NOT SHOWN ARE CONSIDERED NON-LOAD BEARING.
 - 3.) UNLESS STATED OTHERWISE ALL CEILING & ROOF LOADS BRACE DIRECTLY TO LOAD BEARING WALLS SUPPORTED BY FOUNDATION.
 - 4.) CONTACT BUILDERS FIRSTSOURCE BEFORE MAKING ANY ALTERATIONS OR ADJUSTMENTS...FAILURE TO DO SO MAY RESULT IN COSTLY REPAIRS.

MABUS

MENDENHALL

CEILING EWP PLACEMENT PLAN

Builders FirstSource, Central Carolina Markets

DRAWN BY: JOE DAVIS DATE: 9/10/2024 JOB NUMBER: 37694119

SCALE: 1/4" = 1'

MINIMUM DESIGN DATA

LIVE LOAD 40 PSF
DEAD LOAD 10 PSF

TOTAL LOAD 50 PSF

DOL = 100%

DEFLECTION CRITERIA
L/480 (MINIMUM)

ARCHITECTURAL PLAN DATE
XX-XX-XX

REVISED ARCH. PLAN DATE
XX-XX-XX

XXXXXXXX

Sheet
1 of 2

GENERAL NOTES & DESIGN ASSUMPTIONS

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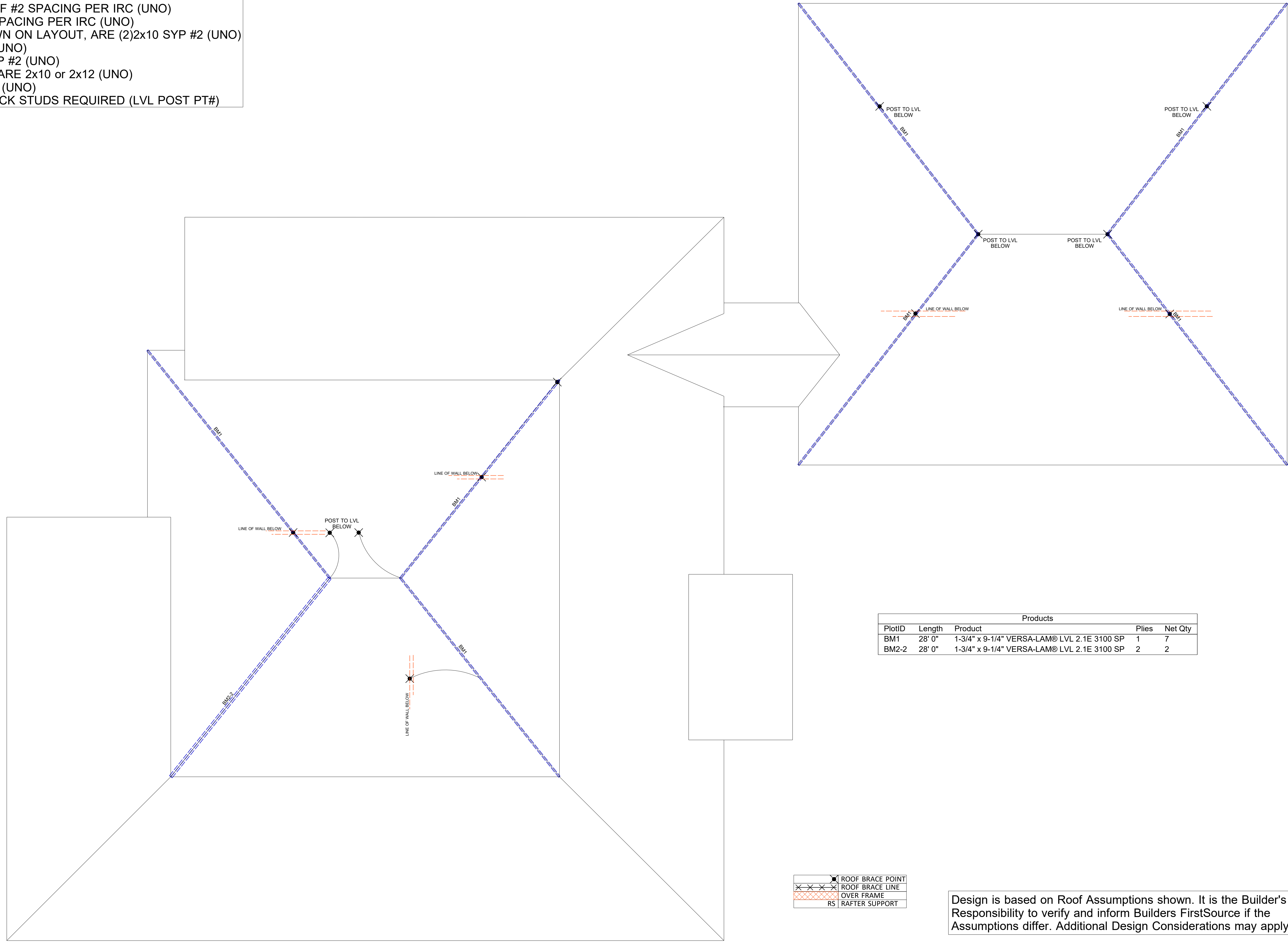


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| Products | | | | | |
|----------|--------|---|-------|---------|--|
| PlotID | Length | Product | Plies | Net Qty | |
| BM1 | 28' 0" | 1-3/4" x 9-1/4" VERSA-LAM® LVL 2.1E 3100 SP | 1 | 7 | |
| BM2-2 | 28' 0" | 1-3/4" x 9-1/4" VERSA-LAM® LVL 2.1E 3100 SP | 2 | 2 | |

| | |
|--|-------------------|
| | ROOF BRACE POINT |
| | ROOF BRACE LINE |
| | OVER FRAME |
| | RS RAFTER SUPPORT |

Design is based on Roof Assumptions shown. It is the Builder's Responsibility to verify and inform Builders FirstSource if the Assumptions differ. Additional Design Considerations may apply.

Builders FirstSource Assumes that Ceiling Joist and Rafters are properly attached to provide a Code-Prescribed Rafter Tie (i.e. Compression Roof System) unless noted otherwise. It is the Builder's Responsibility to frame the roof in accordance with the Code. Please inform Builders FirstSource if framing conditions differ from assumptions. Additional Design Considerations may apply.

MABUS
MENDENHALL
 ROOF EWP PLACEMENT PLAN
 Builders FirstSource, Central Carolina Markets
 DRAWN BY: JOE DAVIS
 DATE: 9/10/2024
 JOB NUMBER: 37694119
 SCALE: 1/4" = 1'

MINIMUM DESIGN DATA
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 DOL = 100%
 DEFLECTION CRITERIA
 L/480 (MINIMUM)

ARCHITECTURAL PLAN DATE
XX-XX-XX
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XXXXXXXX
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2 of 2