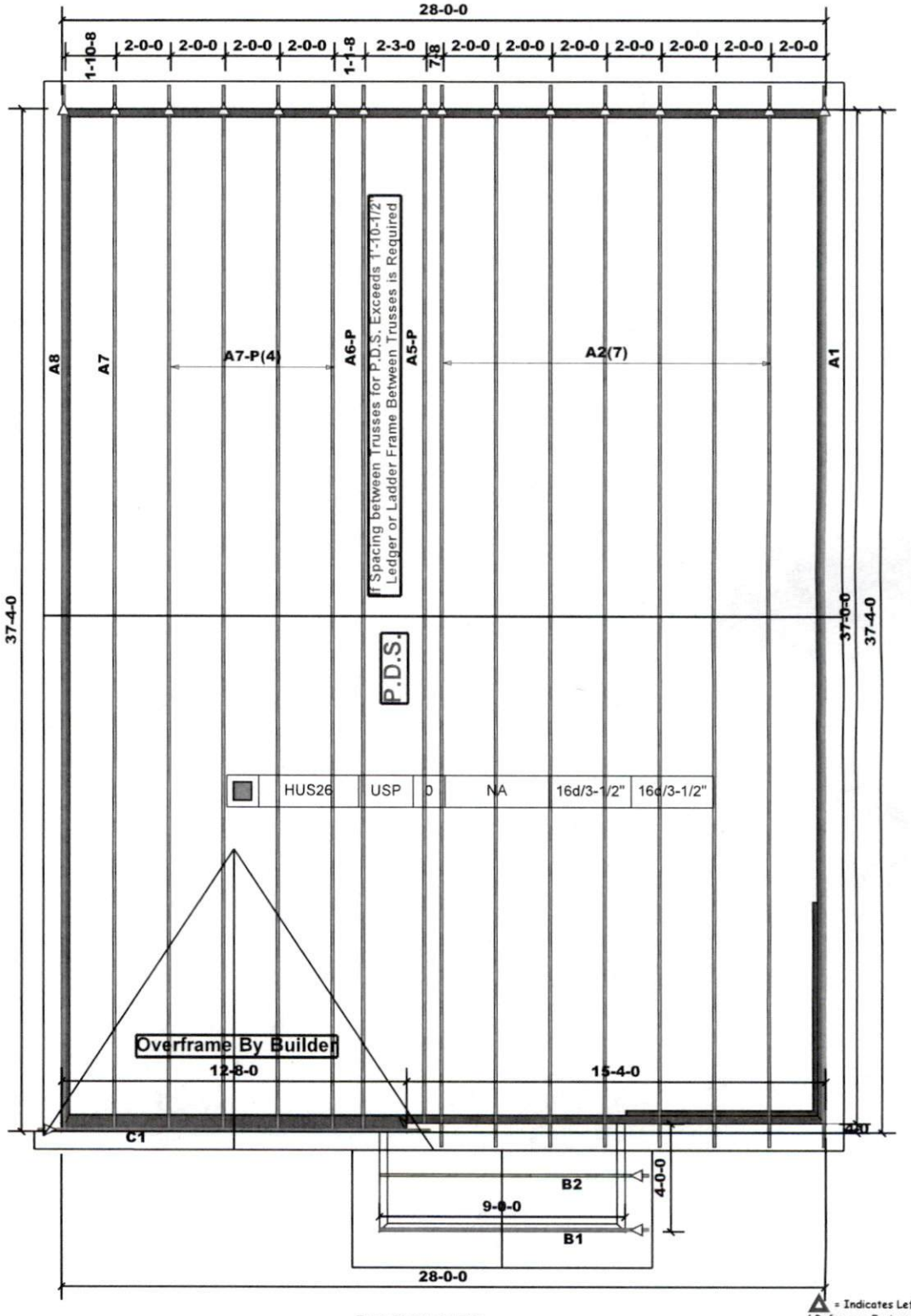



Truss Placement Plan
SCALE: NTS

▲ = Indicates Left End of Truss
( Reference Engineered Truss Drawing )
Do NOT Erect Truss Backwards

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R802.5(1) & (2))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

| PER REACTION (LF TR) | NO. OF JACK STUDS | PER REACTION (LF TR) | NO. OF JACK STUDS | PER REACTION (LF TR) | NO. OF JACK STUDS |
|---|---|---|---|---|---|
| 1700 | 1 | 2550 | 1 | 3400 | 1 |
| 3400 | 2 | 5100 | 2 | 6800 | 2 |
| 5100 | 3 | 7650 | 3 | 10200 | 3 |
| 6800 | 4 | 10200 | 4 | 13600 | 4 |
| 8500 | 5 | 12750 | 5 | 17000 | 5 |
| 10200 | 6 | 15300 | 6 | | |
| 11900 | 7 | | | | |
| 13600 | 8 | | | | |
| 15300 | 9 | | | | |

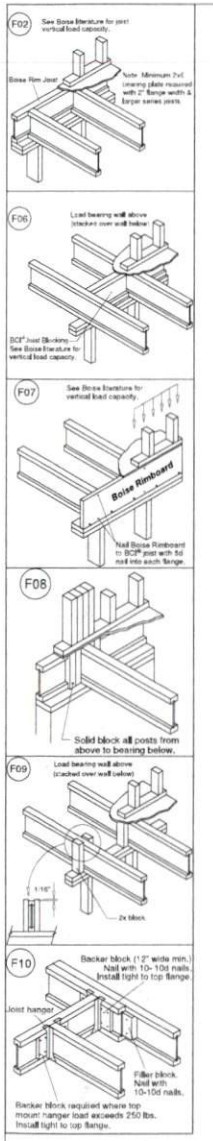
| | | | |
|---|---|---|---|
| BUILDER | H&H Homes | COUNTY | |
| JOB NAME | | ADDRESS | |
| PLAN | Engage A | MODEL | |
| SEAL DATE | | DATE REV. | |
| QUOTE # | | DRAWN BY | |
| JOB # | | SALESMAN | Marshall Naylor |

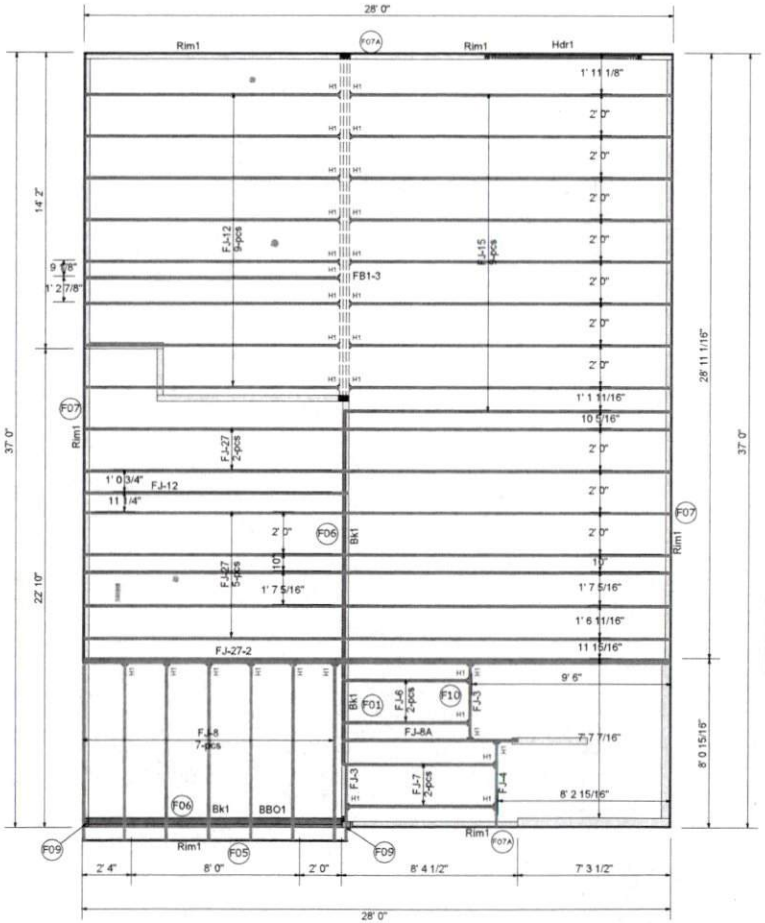
**THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.**
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com.

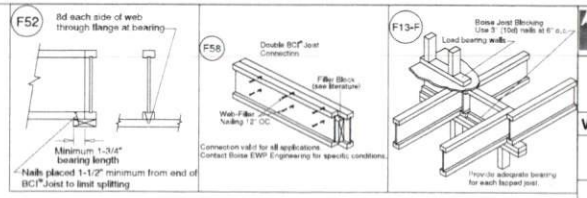
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived from the prescriptive Code requirements ) to determine the minimum foundation size and number of wood studs required to support reactions greater than 3000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature_____
Marshall Naylor

COMTECH
ROOF & FLOOR
TRUSSES & BEAMS
Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
Fax: (910) 864-4444




| Products | | | | |
|---|---|---|---|---|
| PlotID | Length | Product | Plies | Net Qty |
| FJ-27 | 27' 10" | 14" BCI® 4500s-1.8 | 1 | 7 |
| FJ-27-2 | 27' 10" | 14" BCI® 4500s-1.8 | 2 | 2 |
| FJ-15 | 15' 7" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-15 | 15' 3 3/4" | 14" BCI® 4500s-1.8 | 1 | 5 |
| FJ-15 | 15' 3 1/2" | 14" BCI® 4500s-1.8 | 1 | 3 |
| FJ-12 | 12' 6 1/2" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-12 | 12' 1 1/4" | 14" BCI® 4500s-1.8 | 1 | 9 |
| FJ-8A | 8' 4 3/4" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-8 | 8' 4 1/2" | 14" BCI® 4500s-1.8 | 1 | 7 |
| FJ-7 | 7' 3 1/2" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-7 | 7' 0" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-6 | 6' 0 1/4" | 14" BCI® 4500s-1.8 | 1 | 2 |
| FJ-4 | 4' 0" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-3 | 3' 6 3/4" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FJ-3 | 3' 6 1/4" | 14" BCI® 4500s-1.8 | 1 | 1 |
| FB1-3 | 18' 0" | 1-3/4" x 14" VERSA-LAM® 2.0 3100 SP | 3 | 3 |
| Rim1 | 12' 0" | 1" x 14" BC RIM BOARD OSB | 1 | 11 |
| Bk1 | 2' 0" | 14" BCI® 4500s-1.8 | 1 | 14 |

| Wall Framing | | | | |
|---|---|---|---|---|
| PlotID | Length | Product | Plies | Net Qty |
| Hdr1 | 8' 0" | 1-3/4" x 9-1/4" VERSA-LAM® 2.0 3100 SP | 2 | 2 |

| Hangers | | | |
|---|---|---|---|
| PlotID | Qty | Manuf | Product |
| H1 | 31 | Simpson | IUS 1.81/14 |


Builders FirstSource

Boise Cascade
Engineered Wood Products

www.BLDR.com

1135 Robeson St.
Fayetteville, NC 28305
V: (910) 485-1111
F: (910) 485-6475

7601 BOEING DRIVE
GREENSBORO, NC 27409
V: 336.884.5454

3189 NC HIGHWAY5
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 WALL SHOWN ARE LOAD BEARING UNLESS NOTED OTHERWISE. WALLS NOT SHOWN HAVE BEEN CONSIDERED NON-LOAD BEARING.
3.) UNLESS STATED OTHERWISE ALL CEILING & ROOF LOADS BRACE DIRECTLY TO LOAD BEARING WALLS SUPPORTED BY FOUNDATION
4.) CONTACT YOUR LOCAL BUILDER OR FIRSTSOURCE LOCATION BEFORE MAKING ANY ALTERATION & ADJUSTMENTS. FAILURE MAY RESULT IN COSTLY REPAIRS.

**H & H HOMES**

**ENGAGE-A GL**

2nd FLOOR EWP PLACEMENT PLAN

Builders FirstSource, Central Carolina Markets

DRAWN BY: LEE ATKINS

DATE: 3-20-18

SCALE: NTS

JOB #

MINIMUM DESIGN DATA

LIVE LOAD 40 PSF
DEAD LOAD 10 PSF

TOTAL LOAD 50 PSF

STRESS DURATION = 100%

DEFLECTION CRITERIA
L/480 (MINIMUM)

ARCHITECTUAL PLAN DATE
11-16-17

REVISED ARCH. PLAN DATE
XX-XX-XX

SEALED PLAN DATE
12-22-17

Sheet
1 of 1