



LOAD CHART FOR JACK STUDS
(BASED ON TABLES 8502.5(1) & (2))
NUMBER OF JACK STUDS REQUIRED @ FA END OF HEADERS/STUDS

| END OF SECTION (1) (2) (3) (4) (5) (6) (7) (8) (9) | REQ'D STUDS FOR 2" DIA. HEADER | REQ'D STUDS FOR 4" DIA. HEADER | REQ'D STUDS FOR 6" DIA. HEADER | REQ'D STUDS FOR 8" DIA. HEADER | REQ'D STUDS FOR 10" DIA. HEADER |
|--|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| 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 | | | | |

| Connector Information | | | | | Nail Information | |
|-----------------------|---------|-------|-----|------------------|------------------|------------|
| Sym | Product | Manuf | Qty | Supported Member | Header | Truss |
| ● | HUS410 | USP | 3 | NA | 16d/3-1/2" | 16d/3-1/2" |
| ● | THD410 | USP | 1 | NA | 16d/3-1/2" | 10d/3" |

| Beam Schedule | | | | | |
|---------------|--------|-----------------------------|-------|---------|----------|
| PlotID | Length | Product | Plies | Net Qty | Fab Type |
| DB1 | 9' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF |
| FB3 | 9' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF |
| PBM2 | 16' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| PBM1 | 16' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 3 | 6 | FF |
| GDH | 15' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 3 | 6 | FF |
| PBM3 | 7' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB1 | 29' 0" | 1-3/4"x 23-7/8" LVL Kerto-S | 2 | 2 | FF |
| FB2 | 17' 0" | 1-3/4"x 23-7/8" LVL Kerto-S | 2 | 2 | FF |

Truss Placement Plan
SCALE: 1/4" = 1'-0"

| | | | |
|------------------|------------------|-------------------|------------------------------------|
| BUILDER | Joe & Kim Daigle | CITY / CO. | Sanford / Harnett |
| JOB NAME | Daigle Residence | ADDRESS | 2072 Thomas Kelly Rd / Sanford, NC |
| PLAN | Daigle Residence | MODEL | Floor |
| SEAL DATE | NA | DATE REV. | 8/20/24 |
| QUOTE # | B0524-3241 | DRAWN BY | Anthony Williams |
| JOB # | J0524-3241 | SALES REP. | Anthony Williams |

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 _____ Anthony Williams
Anthony Williams

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 @ sbindustry.com

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