

▲ = Denotes Left End of Truss
(Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

All Truss Reactions are Less
than 3,000 lbs. Unless Noted Otherwise.

○ -- Denotes Reaction Greater than 3,000 lbs.

Truss Placement Plan
SCALE: 3/16" = 1'

| HANGER LEGEND | |
|---------------|----------------------------------|
| | = USP THD28-2 / Double 2x Hanger |
| | = USP HUS26 / Single 2x Hanger |

| Beam Legend | | | | | |
|-----------------|--------|-----------------------------|-------|---------|----------|
| PlotID | Length | Product | Plies | Net Qty | Fab Type |
| BM1 | 8' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF |
| BM3 | 7' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF |
| BM2 | 6' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF |
| GDH-1 | 14' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF |
| GDH (Side Load) | 22' 0" | 1-3/4"x 18" LVL Kerto-S | 3 | 3 | FF |
| BM4 | 6' 0" | 2x10 SPF No.2 | 2 | 2 | FF |

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 BCSH-B1 and BCSH-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 Curtis Quick
Curtis Quick

| LOAD CHART FOR JACK STUDS (BASED ON TABLES R502.5(1) & (b)) NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADS/GUDES | | | |
|---|---|---|--|
| END REACTION (UP TO) 2550 LBS. 2x10 HEADERS | END REACTION (UP TO) 5100 LBS. 2x10 HEADERS | END REACTION (UP TO) 7650 LBS. 2x10 HEADERS | END REACTION (UP TO) 10200 LBS. 2x10 HEADERS |
| 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 | | | |

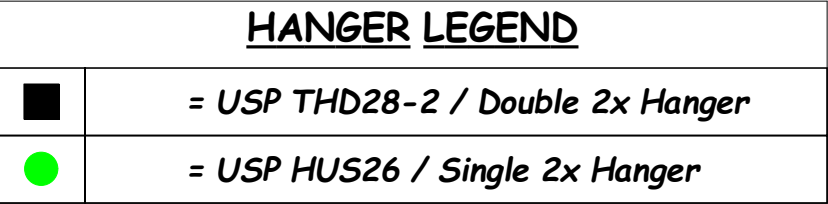
| | |
|-----------|-------------------------------|
| BUILDER | Weaver Homes, Inc. |
| JOB NAME | Lot 3A Elbridge Farm |
| PLAN | Lauren H / 3 Car / SL / Tudor |
| SEAL DATE | 2/24/20 |
| QUOTE # | Quote # |
| JOB # | J0125-0034 |

| | |
|------------|----------------------|
| CITY / CO. | Lillington / Harnett |
| ADDRESS | 31 Griffin Rd. |
| MODEL | Roof |
| DATE REV. | 06/10/25 |
| DRAWN BY | Curtis Quick |
| SALES REP. | Lenny Norris |



ROOF & FLOOR
TRUSSES & BEAMS

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



| Beam Legend | | | | | | |
|-----------------|--------|-----------------------------|-------|---------|----------|--|
| PlotID | Length | Product | Plies | Net Qty | Fab Type | |
| BM1 | 8' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF | |
| BM3 | 7' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF | |
| BM2 | 6' 0" | 1-3/4"x 9-1/4" LVL Kerto-S | 2 | 2 | FF | |
| GDH-1 | 14' 0" | 1-3/4"x 11-7/8" LVL Kerto-S | 2 | 2 | FF | |
| GDH (Side Load) | 22' 0" | 1-3/4"x 18" LVL Kerto-S | 3 | 3 | FF | |
| BM4 | 6' 0" | 2x10 SPF No.2 | 2 | 2 | FF | |

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs.

Truss Placement Plan
SCALE: 3/16" = 1'

LOAD CHART FOR JACK STUDS

(BASED ON TABLES 902-2 (a) & (b))

NUMBER OF JACK STUDS REQUIRED @ EA END OF
HEADER/GLIDER

| END REACTION (UP TO) REQ'D STUDS FOR (1)X1 HEADER | END REACTION (UP TO) REQ'D STUDS FOR (1)X1 HEADER | END REACTION (UP TO) REQ'D STUDS FOR (1)X1 HEADER | END REACTION (UP TO) REQ'D STUDS FOR (1)X1 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 | | | |

| | | | |
|------------------|-------------------------------|-------------------|----------------------|
| BUILDER | Weaver Homes, Inc. | CITY / CO. | Lillington / Harnett |
| JOB NAME | Lot 3A Elbridge Farm | ADDRESS | 31 Griffin Rd. |
| PLAN | Lauren H / 3 Car / SL / Tudor | MODEL | Roof |
| SEAL DATE | 2/24/20 | DATE REV. | 06/10/25 |
| QUOTE # | Quote # | DRAWN BY | Curtis Quick |
| JOB # | J0125-0034 | SALES REP. | Lenny Norris |

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 design of the building 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 at sbcsidustry.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 Curtis Quick
Curtis Quick



ROOF & FLOOR TRUSSES & BEAMS

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