



ROOF & FLOOR TRUSSES & BEAMS

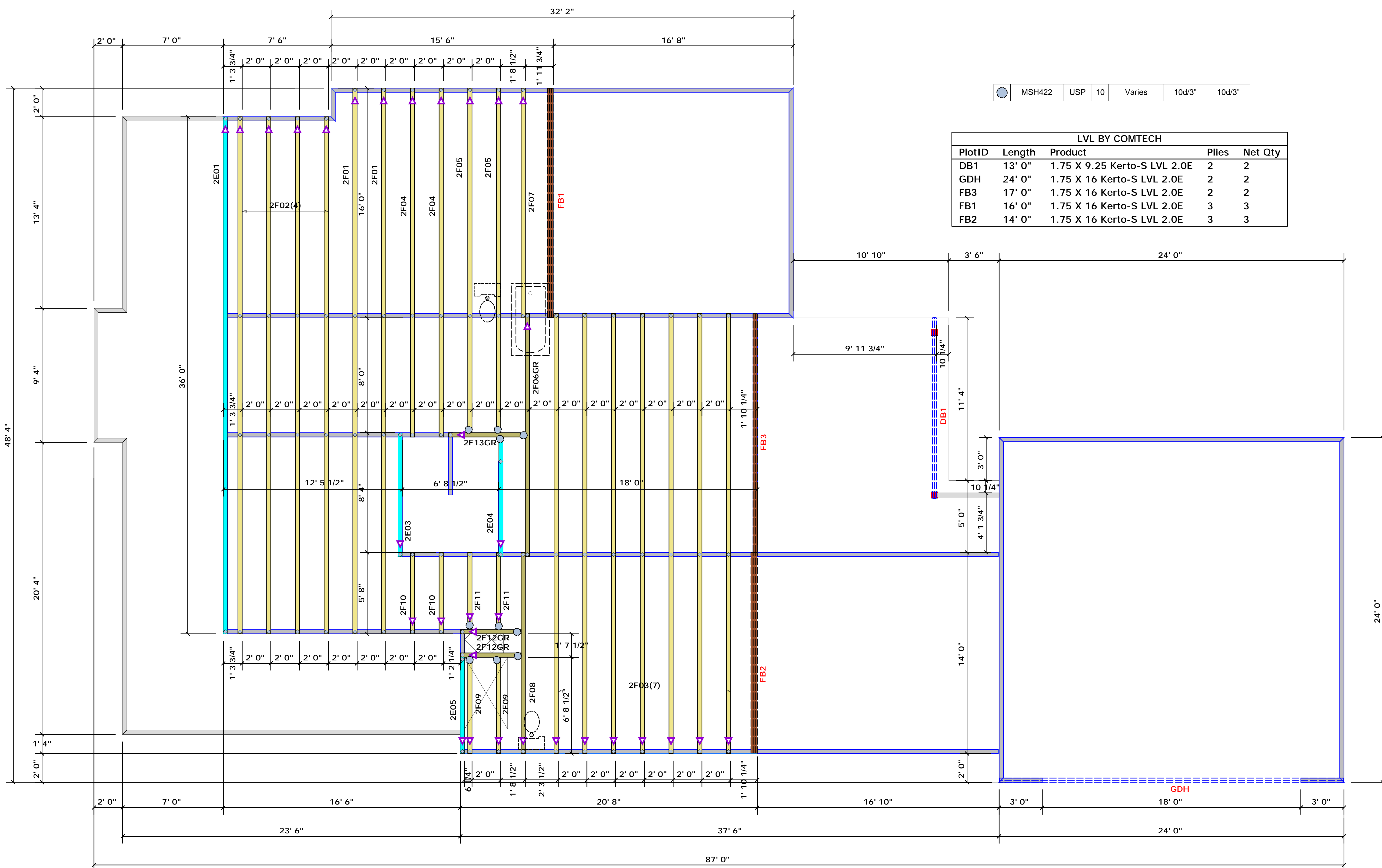
Reilly Road Industrial Park
Fayetteville, N.C. 28309
Phone: (910) 864-8787
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THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the discretion of the building designer. The individual design sheets for each truss design identified on the equipment schedule. The building designer is responsible for all temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including bracing, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult ICC-ES and ICC-ES provided with the truss delivery package or call 1-800-451-1111.

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: **Bob Lewis**

Bob Lewis



| | | | | | |
|--------|-----|----|--------|--------|--------|
| MSH422 | USP | 10 | Varies | 10d/3" | 10d/3" |
|--------|-----|----|--------|--------|--------|

| LVL BY COMTECH | | | | | |
|----------------|--------|------------------------------|-------|---------|--|
| PlotID | Length | Product | Plies | Net Qty | |
| DB1 | 13' 0" | 1.75 X 9.25 Kerto-S LVL 2.0E | 2 | 2 | |
| GDH | 24' 0" | 1.75 X 16 Kerto-S LVL 2.0E | 2 | 2 | |
| FB3 | 17' 0" | 1.75 X 16 Kerto-S LVL 2.0E | 2 | 2 | |
| FB1 | 16' 0" | 1.75 X 16 Kerto-S LVL 2.0E | 3 | 3 | |
| FB2 | 14' 0" | 1.75 X 16 Kerto-S LVL 2.0E | 3 | 3 | |

| | | |
|------------|--------------------|-------------------------------|
| CITY / CO. | REGENCY HOMES | Site Address - City / HARNETT |
| ADDRESS | LAWRENCE HOME | HWY 27 |
| MODEL | LAWRENCE RESIDENCE | ROOF |
| DATE REV. | NONE | 04/08/21 |
| DRAWN BY | Quote # | Bob Lewis |
| SALES REP. | JO421-2307 | Scott Durcan |

| LOAD CHART FOR JACK STUDS | | | |
|---------------------------|--------------|---------------|---------------|
| SPACING | LOAD (lb/ft) | REACTION (lb) | REACTION (lb) |
| 1700 | 1 | 2550 | 3400 |
| 3400 | 2 | 5100 | 6800 |
| 5100 | 3 | 7650 | 10200 |
| 6800 | 4 | 10200 | 13600 |
| 8500 | 5 | 12750 | 17000 |
| 10200 | 6 | 15300 | |
| 11900 | 7 | | |
| 13600 | 8 | | |
| 15300 | 9 | | |

Truss Placement Plan
(Reference Engineered Truss Drawing)
SCALE: NTS

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