



ROOF & FLOOR TRUSSES & BEAMS

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

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

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ. D. STUDS FOR (1) PLY 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				

Color	Product	USP	Plies	NA	16d/3-1/2"	16d/3-1/2"
Blue	HUS410	USP	6	NA	16d/3-1/2"	16d/3-1/2"
Purple	HD410IF	USP	2	NA	16d/3-1/2"	16d/3-1/2"
Red	JUS414	USP	9	NA	16d/3-1/2"	16d/3-1/2"

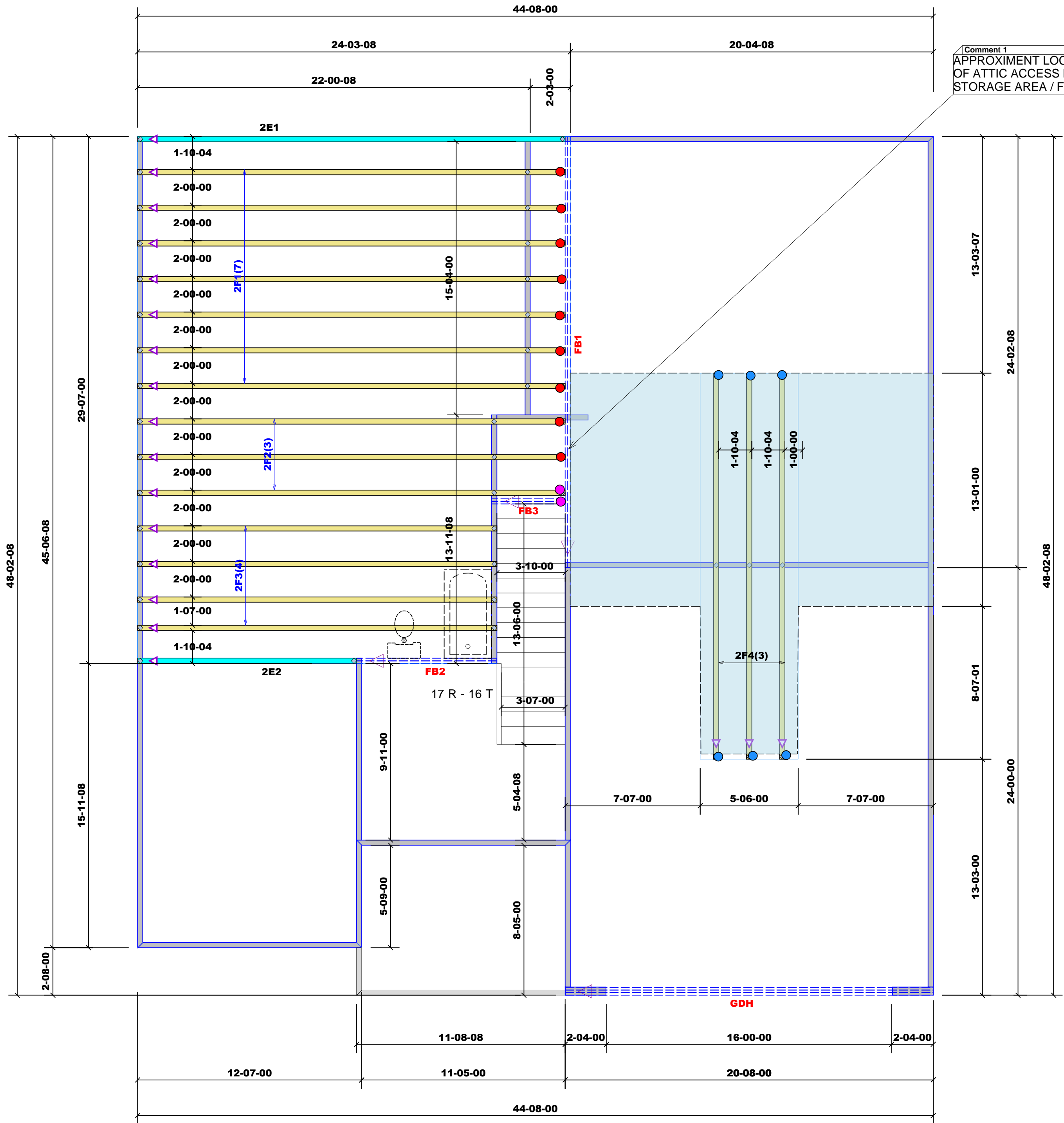
LVL BY COMTECH

PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH	21-00-00	1-3/4"x 14" LVL Kerto-S	3	3	FF
FB1	25-00-00	1-3/4"x 16" LVL Kerto-S	2	2	FF
FB2	8-00-00	1-3/4"x 16" LVL Kerto-S	2	2	FF
FB3	5-00-00	1-3/4"x 16" LVL Kerto-S	2	2	FF

Roof Area = 2843.26 sq.ft.
Ridge Line = 100.03 ft.
Hip Line = 0 ft.
Horiz. OH = 182.31 ft.
Raked OH = 209.43 ft.
Decking = 98 sheets

Hatch Legend
STORAGE AREA / FUTURE LIVING SPACE BY OTHERS

Comment 1
APPROXIMATION LOCATION OF ATTIC ACCESS DOOR TO STORAGE AREA / FUTURE LIVING SPACE



Truss Placement Plan
SCALE: NTS

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
JAY NORRIS	117 KNIGHT RD	CUSTOM	Seal Date	Quote #	J1024-5834

CITY / CO.	BROADWAY / HARNETT
ADDRESS	117 KNIGHT RD
MODEL	2ND FLOOR
DATE REV.	10/31/24
DRAWN BY	Bob Lewis
SALES REP.	Bob Lewis

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