



ROOF & FLOOR TRUSSES & BEAMS

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

THIS IS A TRUSS LAYOUT 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 placement drawing. The building designer is responsible for verifying and permitting the design of the truss support structure including headers, beams, walls, and columns in the overall building design. The building designer is responsible for providing the building designer with the truss delivery package or online @ boundary.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: **Randy Wilson**

LOAD CHART FOR JACK STUDS

BASED ON TABLES SP1602.01 & 02
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/BEAM

END REACTION (UP TO)	NO. OF JACK STUDS	END REACTION (UP TO)	NO. OF JACK STUDS	END REACTION (UP TO)	NO. OF JACK STUDS
1700	1	2950	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				

Dimension Notes

- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise.
- All interior wall dimensions are to face of frame wall unless noted otherwise.
- All exterior wall to truss dimensions are to face of frame wall unless noted otherwise.

Roof Area = 4663.54 sq. ft.
Ridge Line = 122.39 ft.
Hip Line = 81.64 ft.
Horiz. OH = 228.83 ft.
Raked OH = 157.79 ft.
Decking = 160 sheets

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

All Walls Shown Are Considered Load Bearing

WALL SCHEDULE

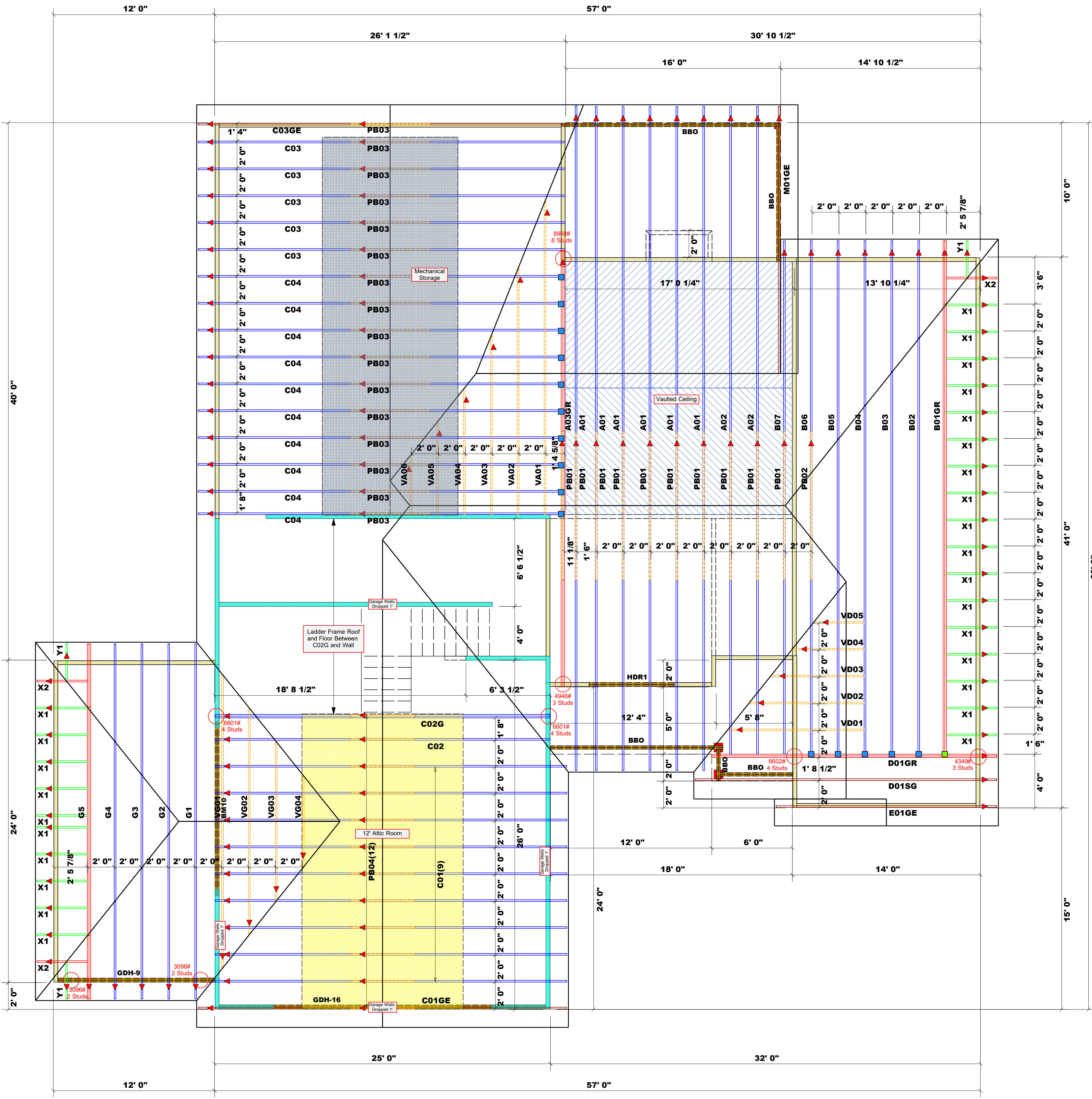
	1st Floor Brg. Wall
	Gar. Walls Dropped
	Non-Bearing Walls

Connector Information				Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header / Truss
	THD26-2	USP	1	Varies	16d/3-1/2" 10d/3"
	HUS26	USP	15	Varies	16d/3-1/2" 16d/3-1/2"

Beam Schedule

PlotID	Length	Product	Plies	Net Qty
HDR1	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2
GDH-16	25' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2
GDH-9	12' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2

For all Beams Labeled BBO Assume (2)2x10 SP#2 or Better U.N.O.



ROOF TRUSS PLACEMENT PLAN
24" O.C. SPACING (TYP. U.N.O.)
SCALE: 1/4" = 1'-0"

BUILDER	Watermark Homes, Inc.	COUNTY	Hammett County
JOB NAME	Lot 46 South Creek	ADDRESS	Lot 46 South Creek
PLAN	River Oak w/ 3rd Car	MODEL	Roof
SEAL DATE	Plan Date: 11/15/20	DATE REV.	11/13/20
QUOTE #	NA	DRAWN BY	Anthony Williams
JOB #	J1120-5330	SALESMAN	Anthony Williams