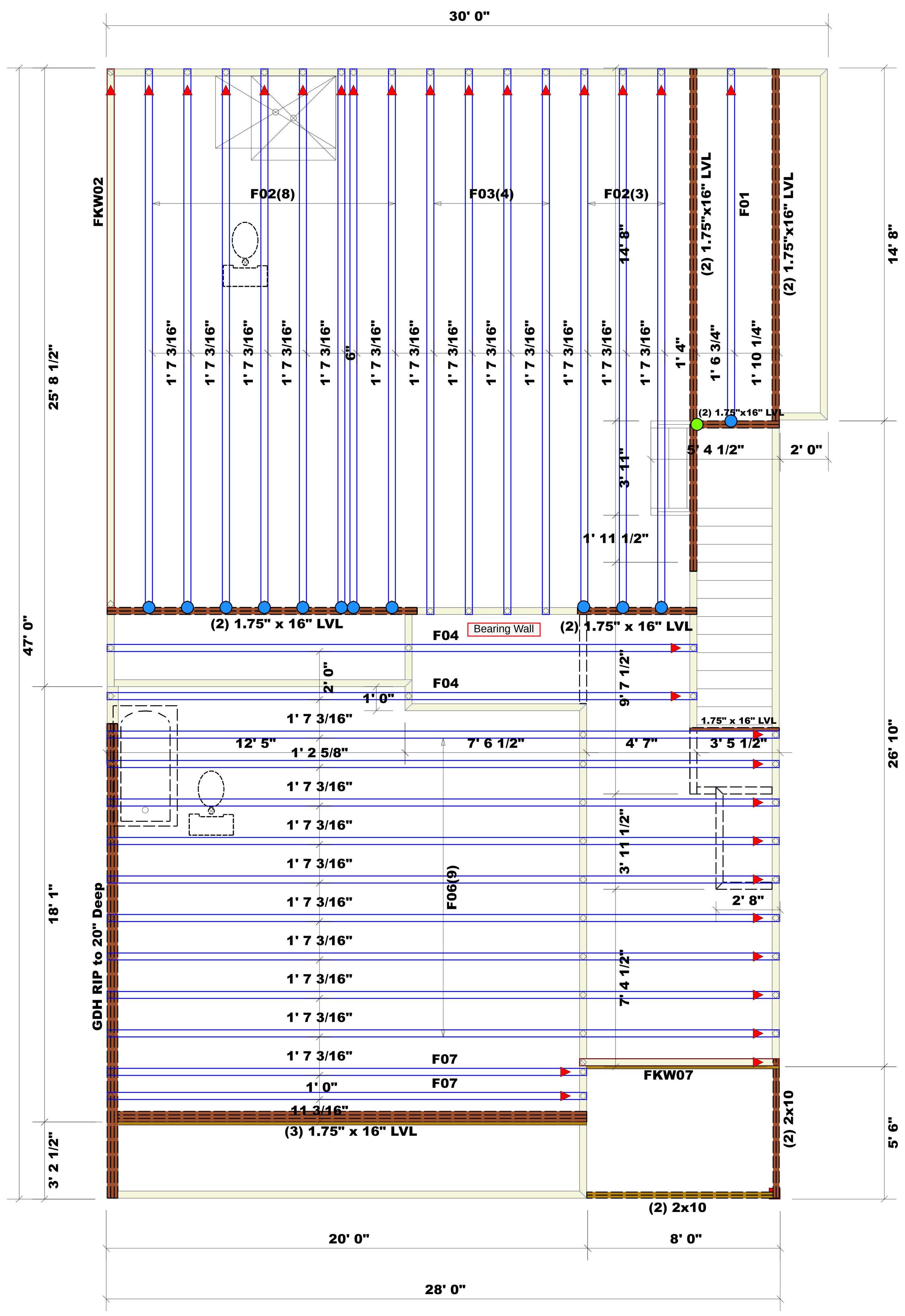
Floor Truss Plan



Dimension Notes
1. All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
2. All interior wall dimensions are to face of stud unless noted otherwise
3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

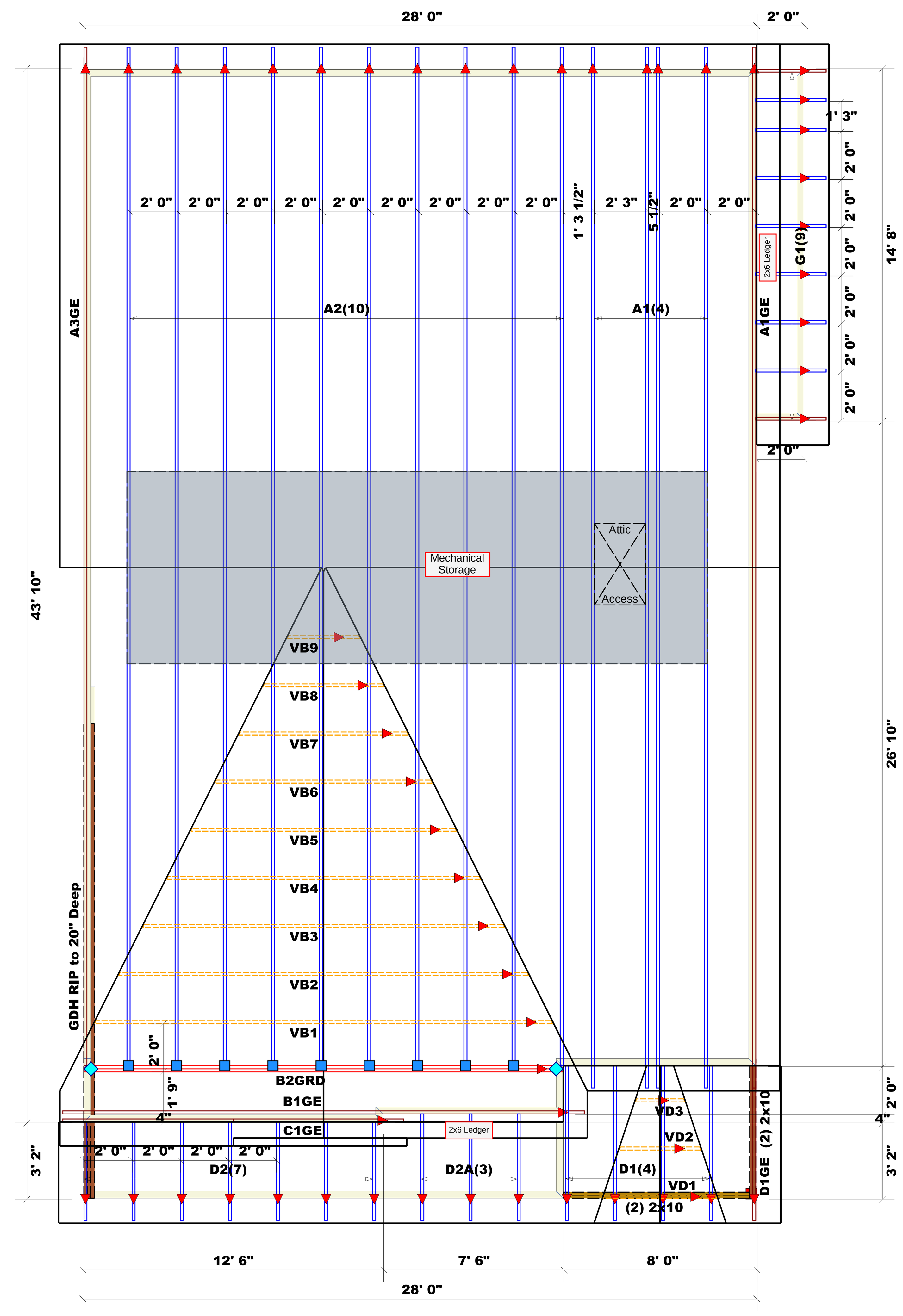
Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
10d/3"	16d/3-1/2"	NA	1	USP	HD416	● (green)
16d/3-1/2"	16d/3-1/2"	NA	12	USP	HUS410	● (blue)

All Walls Shown Are Considered Load Bearing

= Denotes Left End of Truss ▲
(Reference Engineered Truss Drawing)

Products				
Net Qty	Plies	Product	Length	PlotID
2	2	1-3/4"x 16" LVL Kerto-S	21' 0"	(2) 1.75"x16" LVL
3	3	1-3/4"x 16" LVL Kerto-S	20' 0"	(3) 1.75" x 16" LVL
2	2	1-3/4"x 16" LVL Kerto-S	15' 0"	(2) 1.75"x16" LVL
2	2	1-3/4"x 16" LVL Kerto-S	13' 0"	(2) 1.75" x 16" LVL
2	2	1-3/4"x 16" LVL Kerto-S	5' 0"	(2) 1.75" x 16" LVL
1	1	1-3/4"x 16" LVL Kerto-S	4' 0"	1.75" x 16" LVL
2	2	1-3/4"x 16" LVL Kerto-S	4' 0"	(2) 1.75"x16" LVL
3	3	1-3/4"x 23-7/8" LVL Kerto-S	20' 0"	GDH RIP to 20" Deep

Roof Truss Plan



Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
16d/3-1/2"	16d/3-1/2"	NA	9	USP	HUS26	■ (blue)
10d/3"	10d/1-1/2"	NA	2	USP	HTW20	◆ (cyan)

Dimension Notes
1. All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
2. All interior wall dimensions are to face of stud unless noted otherwise
3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

= 1703.18 sq.ft.	Roof Area
= 53.63 ft.	Ridge Line
= 0.41 ft.	Hip Line
= 112.88 ft.	Horiz. OH
= 150.48 ft.	Raked OH
= 59 sheets	Decking

= Denotes Left End of Truss ▲
(Reference Engineered Truss Drawing)

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

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

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

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 Sales Area

Sales Area

BUILDER	New Home, Inc.	CITY / CO.	Fuquay Varina / Harnett
JOB NAME	Lot 12 Woodbridge South	ADDRESS	22 Avents Creek Way
PLAN	Smithfield French Country SE /LH	MODEL	Roof & Floor
SEAL DATE	12/20/23	DATE REV.	03/04/23
QUOTE #	Quote #	DRAWN BY	Hampton Horrocks
JOB #	J0224-1230 & J0224-1231	SALES REP.	Paul Hawkins

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 (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) 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				