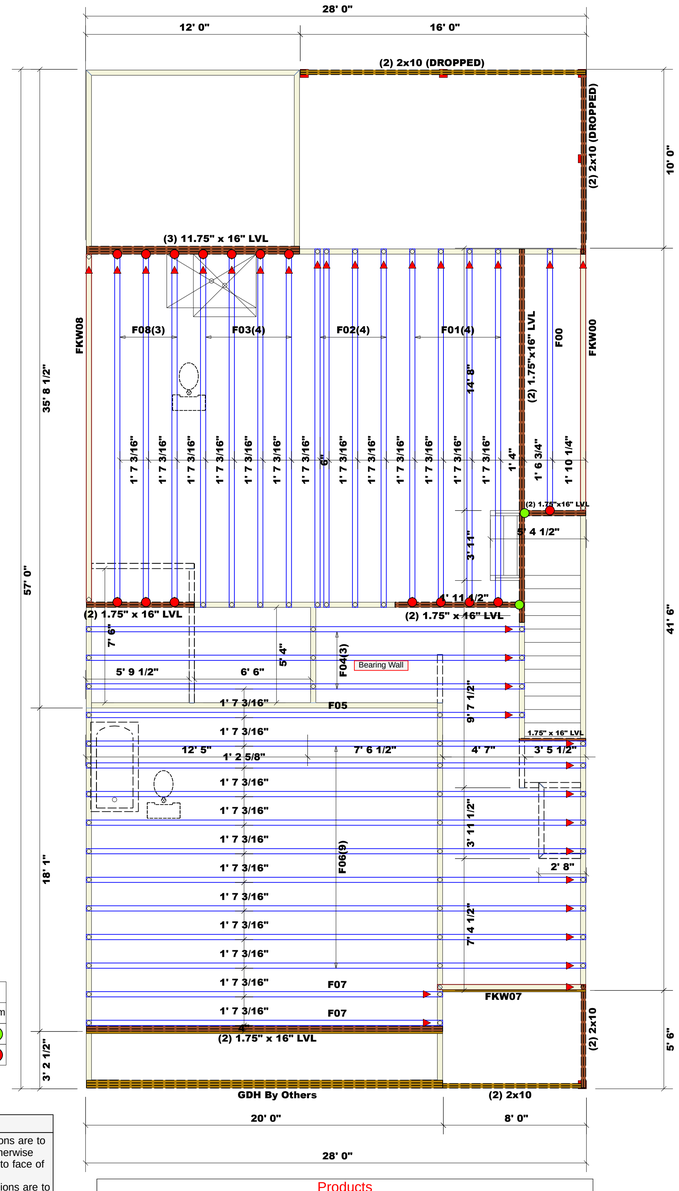
Floor Truss Plan



Nail Information		Connector Information				
Truss	Header	Supported Member	Qty	Manuf	Product	Sym
10d/3"	16d/3-1/2"	NA	2	USP	HD416	
16d/3-1/2"	16d/3-1/2"	NA	15	USP	JUS414	

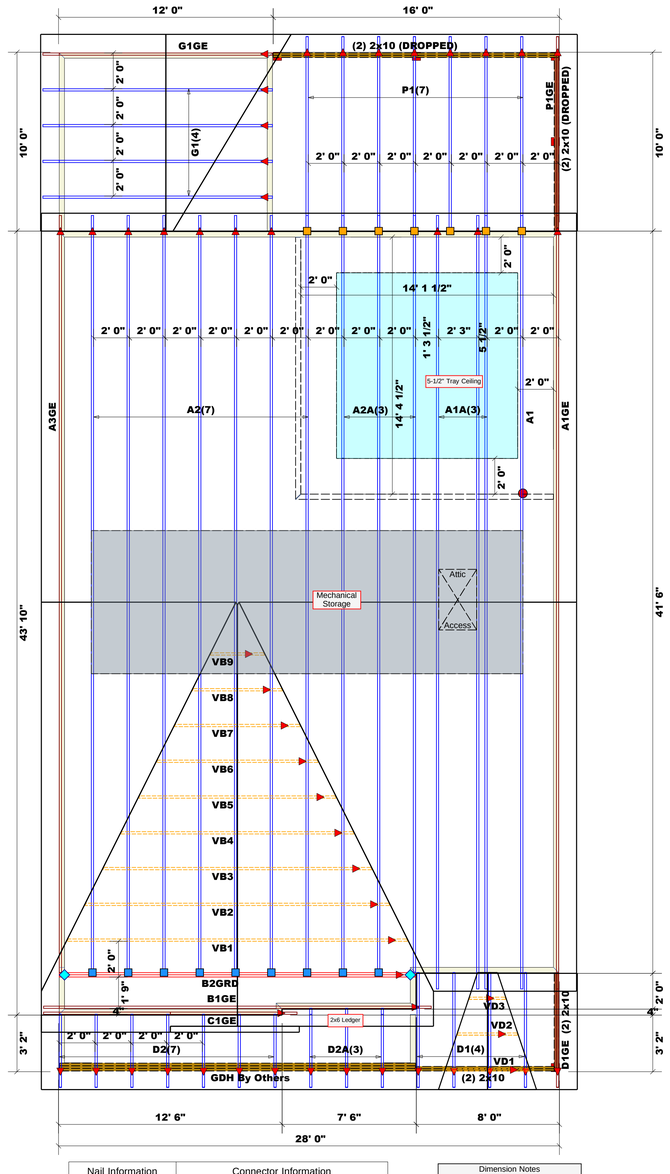
Dimension Notes
1. All exterior wall to wall dimensions are to face of sheathing unless noted otherwise 2. All interior wall dimensions are to face of stud unless noted otherwise 3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

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
2	2	1-3/4"x 16" LVL Kerto-S	20' 0"	(2) 1.75" x 16" LVL
3	3	1-3/4"x 16" LVL Kerto-S	12' 0"	(3) 11.75" x 16" LVL
2	2	1-3/4"x 16" LVL Kerto-S	7' 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

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	
10d/3"	10d/1-1/2"	NA	2	USP	HTW20	
10d/3"	10d/3"	NA	7	USP	JUS26	

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

= 2126.87 sq.ft.	Roof Area
= 64.63 ft.	Ridge Line
= 0.41 ft.	Hip Line
= 137.58 ft.	Horiz. OH
= 196.4 ft.	Raked OH
= 73 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

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 L1 derived from the prescriptive Code requirements and determine the required support 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.
JOB NAME	Lot 7 Woodbridge South
PLAN	Smithfield French Country FE /LH
SEAL DATE	12/20/23
QUOTE #	Quote #
JOB #	J0324-1784 & J0324-1785
CITY / CO.	Fuquay Varina / Harnett
ADDRESS	284 Yates Mill Drive
MODEL	Roof & Floor
DATE REV.	03/26/24
DRAWN BY	Hampton Horrocks
SALES REP.	Paul Hawkins

LOAD CHART FOR JACK STUDS

(BASED ON TABLES R502.5(1) & (3))

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

END REACTION (LBS)	REQ'D STUDS FOR (1) FLT HEADER	END REACTION (LBS)	REQ'D STUDS FOR (1) FLT HEADER	END REACTION (LBS)	REQ'D STUDS FOR (2) FLT 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				