

HUS28	USP	15	16d/3-1/2"	16d/3-1/2"
THD28-2	USP	1	NA	10d/3"

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3175.24
Roof Decking	1st Floor	Roof Decking	109 sheets

BEAM LEGEND				
PlotID	Length	Product	Plies	Net Qty
GDH9'(dropped)	14' 0"	1.75 X 9.25 Kerto-S LVL 2.0E	2	2
GDH (Dropped)	22' 0"	1-3/4"x 14" LVL Kerto-S	2	2

## Truss Placement Plan

SCALE: 1/4" = 1'-0"

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

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

○ -- Denotes Reaction Greater than 3,000 lbs.  
Reaction / # of Studs

### LOAD CHART FOR JACK STUDS

MEMBER SIZE (D x W)	SPACING (D)	MAX. LOAD (LBS)
1700	1	2550
3400	2	5100
5100	3	7650
6800	4	10200
8500	5	12750
10200	6	15300
11900	7	
13600	8	
15300	9	

BUILDER	Weaver Development Co. Inc.
JOB NAME	Lot 21 Mitchell Manor
PLAN	Lindsay 1553 A (200505B)
SEAL DATE	Seal Date
QUOTE #	
JOB #	J0520-2115

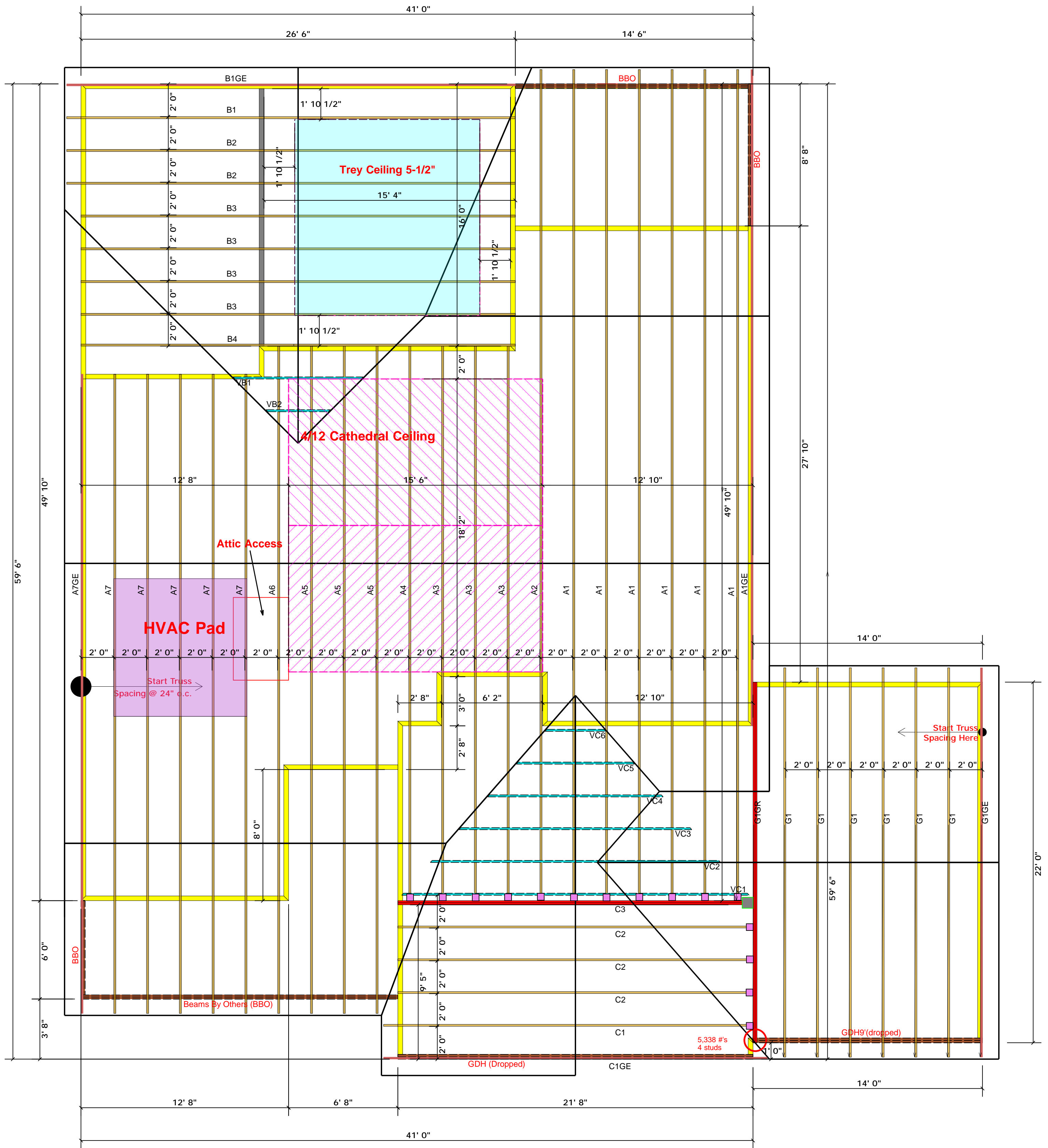
CITY / CO.	Harnett Co. / Harnett
ADDRESS	Lot 21 Mitchell Manor
MODEL	Roof
DATE REV.	5/27/2020
DRAWN BY	Lenny Norris
SALES REP.	Lenny Norris

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 BCSH-B1 and BCSH-B3 provided with the truss delivery package or online @ sbciindustry.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: Lenny Norris  
Lenny Norris

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



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