



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
Fayetteville, N.C. 28309
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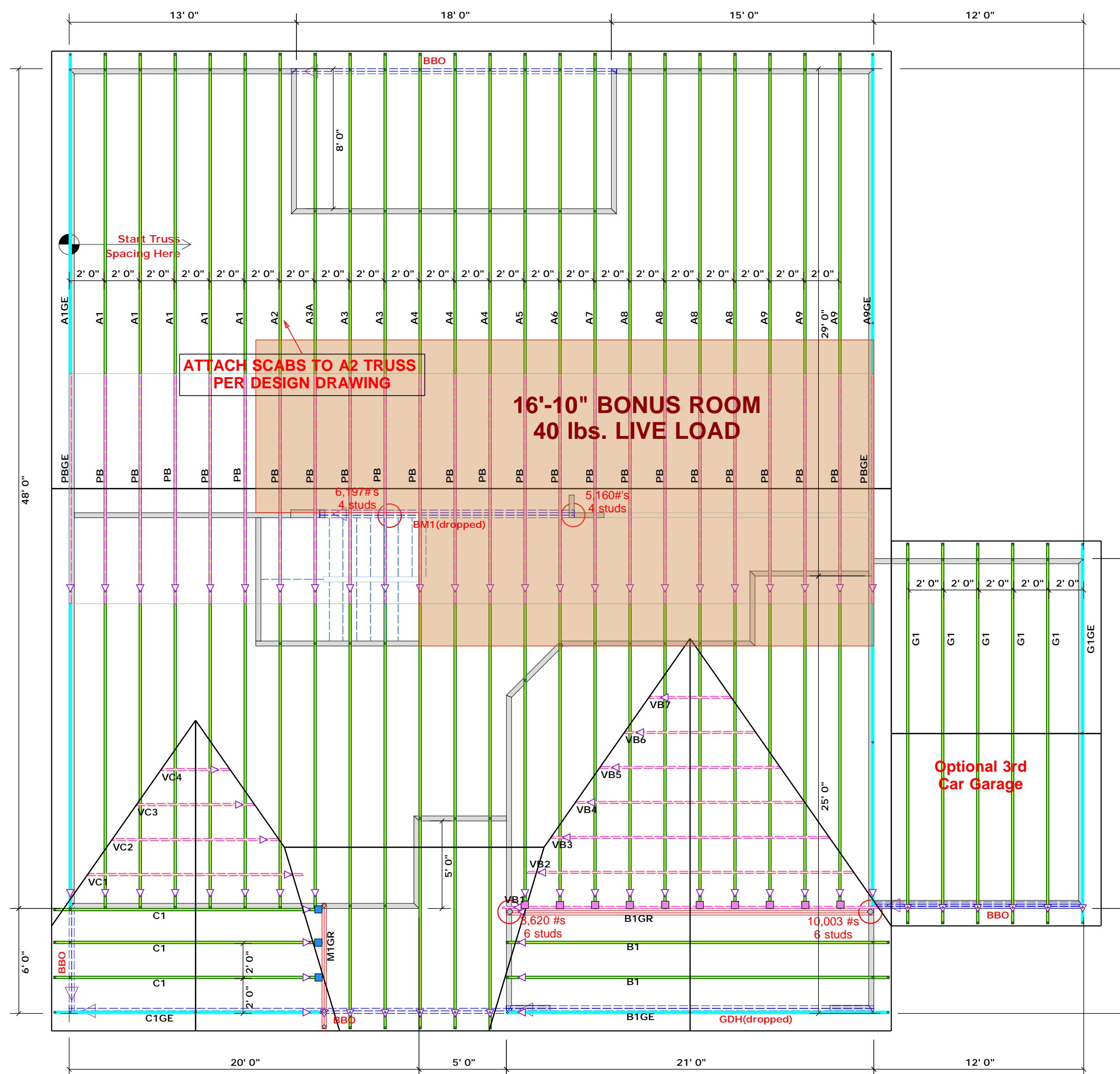
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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

LOAD CHART FOR JACK STUDS

(BASED ON TABLES ROU1011, 6 (b))

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS		NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS	
END REACTION (IP-T)	REQ'D STUDS FOR 10' BY 10' BEAM	END REACTION (IP-T)	REQ'D STUDS FOR 10' BY 10' BEAM
1700	1	2550	1
3400	2	5100	2
5100	3	7650	3
6800	4	10200	4
8500	5	12750	5
10200	6	15300	6
11900	7		
13600	8		
15300	9		



ATTACH SCABS TO A2 TRUSS PER DESIGN DRAWING

**16'-10" BONUS ROOM
40 lbs. LIVE LOAD**

Optional 3rd Car Garage

Hatch Legend

[Yellow]	= MAIN LOAD BEARING WALLS @ 9-1-8					
[Blue]	HUS26	USP	3	NA	16d/3-1/2"	16d/3-1/2"
[Pink]	HUS28	USP	10		16d/3-1/2"	16d/3-1/2"

Estimation

Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3454.84
Roof Decking	1st Floor	Roof Decking	119 sheets

BEAM LEGEND

PlotID	Length	Product	Plies	Net Qty	Fa
GDH(dropped)	21' 0"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
BM1(dropped)	15' 0"	1-3/4"x 14" LVL Kerto-S	3	3	FF
BBO	12' 0"	2x12 SP No.2	3	3	FF

**Truss Placement Plan
SCALE: 3/16" = 1'-0"**

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

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

BUILDER	JOB NAME	PLAN	SEAL DATE	QUOTE #	JOB #
Regency Homes	Lot 4 Williams Farm	James I Elev. C	Seal Date	Quote #	J0821-5183
COUNTY	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALESMAN
Harnett	Lot 4 Williams Farm	Roof	11/17/21	Lenny Norris	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