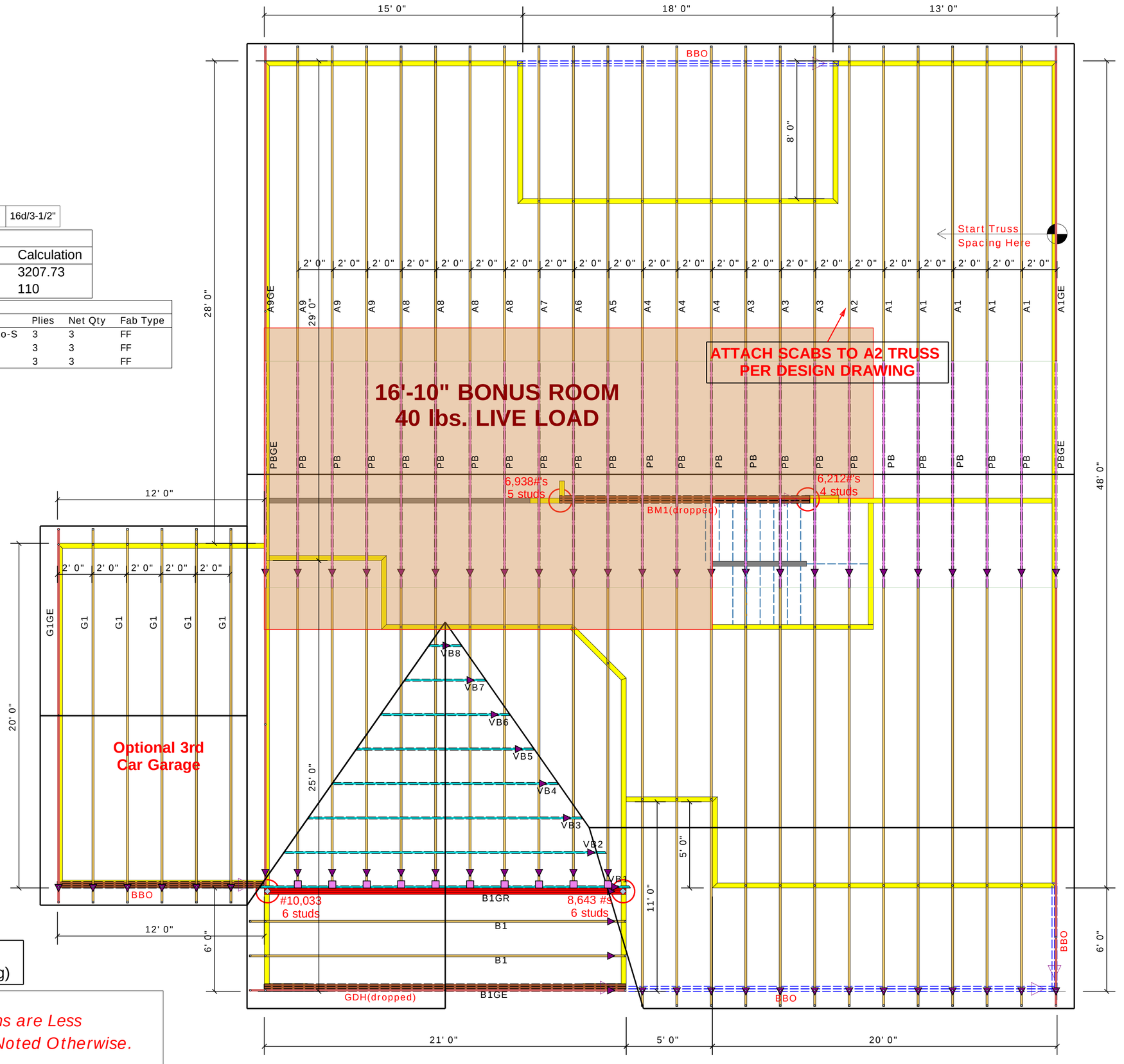
Hatch Legend
= MAIN LOAD BEARING WALLS @ 9-1-8

	HUS28	USP	10		16d/3-1/2	16d/3-1/2"

Estimation			
Name	Selection	Formula	Calculation
Roof Area	1st Floor	Roof Area	3207.73
Roof Decking	1st Floor	Roof Decking	110

BEAM LEGEND					
PlotID	Length	Product	Plies	Net Qty	Fab Type
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



▲= 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

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

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 (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

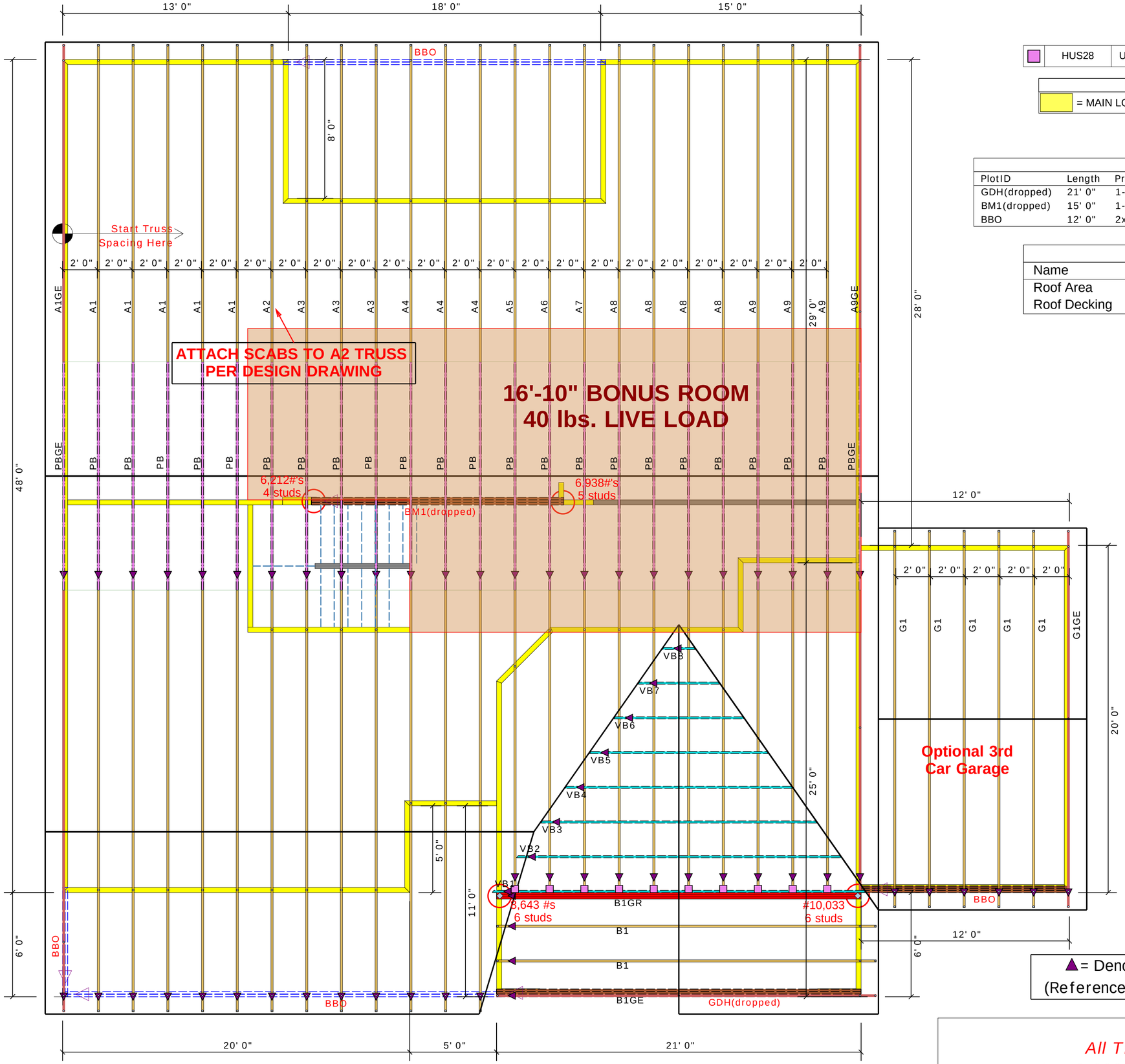
[BASED ON TABLES R502.5(1) & (3)]

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

END REACTION (LBS)	REQ'D STUDS FOR (2) 1-3/4" HEADER	END REACTION (LBS)	REQ'D STUDS FOR (3) 1-3/4" HEADER	END REACTION (LBS)	REQ'D STUDS FOR (4) 1-3/4" 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				

BUILDER	Regency Homes
JOB NAME	Lot 1 Avery Pointe
PLAN	James Elev. A / 3rd Car
SEAL DATE	Seal Date
QUOTE #	Quote #
JOB #	J0222-0515
COUNTY	Harnett
ADDRESS	508 Josey Williams Rd.
MODEL	ROOF
DATE REV.	/ /
DRAWN BY	Lenny Norris
SALESMAN	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



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Hatch Legend
= MAIN LOAD BEARING WALLS @ 9-1-8

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Truss Placement Plan
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Signature_____

Lenny Norris

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				

COUNTY	Harnett
ADDRESS	508 Josey Williams Rd.
MODEL	ROOF
DATE REV.	/ /
DRAWN BY	Lenny Norris
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BUILDER	Regency Homes
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