



ROOF & FLOOR TRUSSES & BEAMS

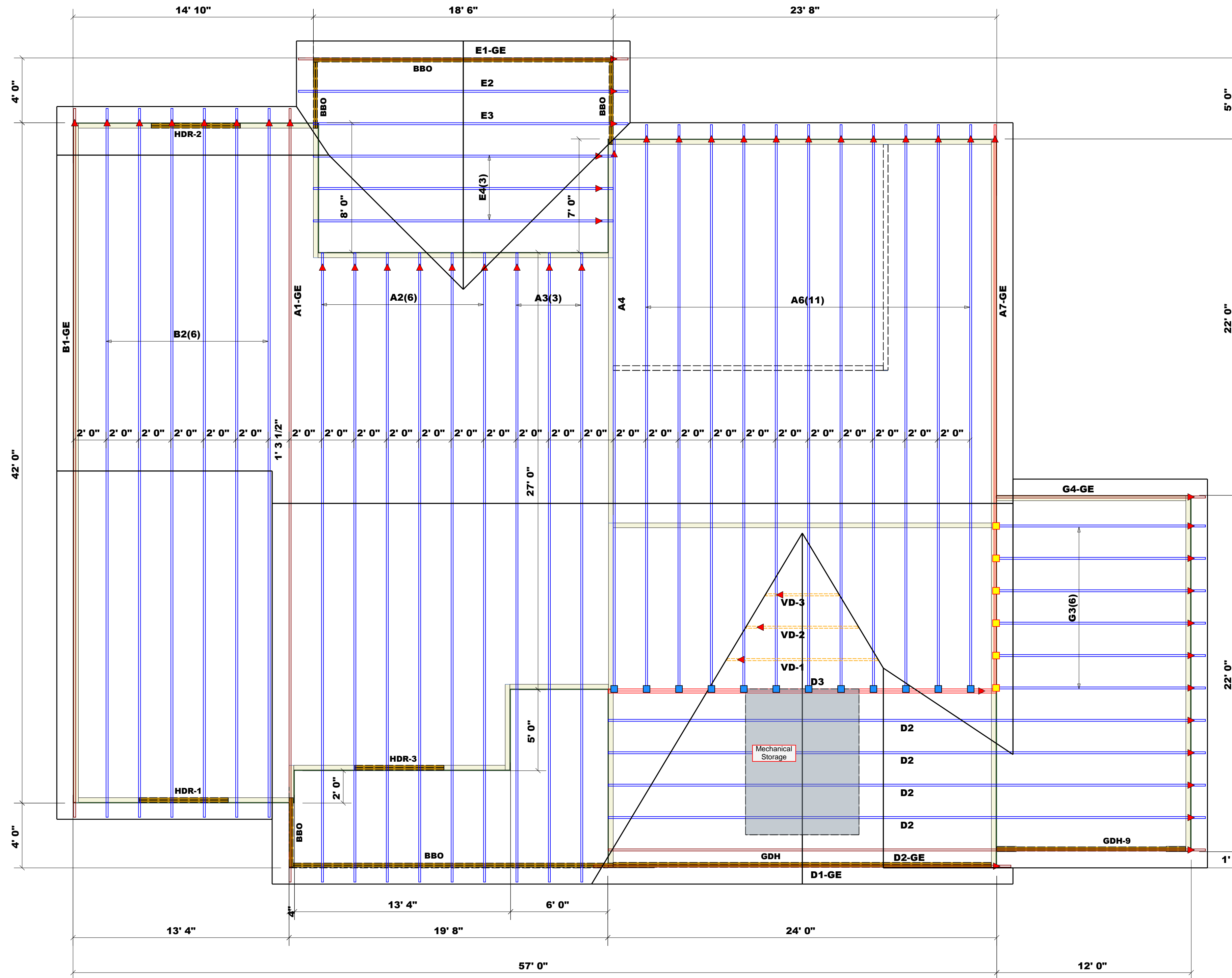
Reilly Road Industrial Park
Fayetteville, N.C. 28309
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THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. The individual design sheets for each truss design identified on the drawing drawings. The building designer is responsible for all temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the steel support structure including bearing, bracing, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult ICC-ES EBC-105 and ICC-ES provided with the truss delivery package or online @ stlcc.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: *Anthony Williams*

Anthony Williams



Connector Information					Nail Information	
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
■	HUS26	USP	12	NA	16d/3-1/2"	16d/3-1/2"
■	JUS24	USP	6	NA	10d/3"	10d/3"

BEAM SCHEDULE						
PlotID	Length	Product	Piles	Net Qty	Fab Type	
HDR-1	6' 0"	1-3/4" x 9-1/4" LVL Kerlo-S	2	2	FF	
HDR-2	6' 0"	1-3/4" x 9-1/4" LVL Kerlo-S	2	2	FF	
HDR-3	6' 0"	1-3/4" x 9-1/4" LVL Kerlo-S	2	2	FF	
GDH	24' 0"	1-3/4" x 14" LVL Kerlo-S	2	2	FF	
GDH-9	12' 0"	2x12 SP No.2	2	2	FF	

▲ = Indicates Left End of Truss (Reference Engineered Truss Drawing)
Do Not Erect Trusses Backwards

- Dimension Notes**
- All exterior wall to wall dimensions are to face of sheathing unless noted otherwise
 - All interior wall dimensions are to face of stud unless noted otherwise
 - All exterior wall to truss dimensions are to face of stud unless noted otherwise

BUILDER	Signature Home Builders	CITY / CO.	Lillington / Harnett
JOB NAME	Lot 82 South Creek	ADDRESS	Lot 82 South Creek / Lillington, NC
PLAN	Sinclair (200606B) w/ 3rd Car	MODEL	Roof
SEAL DATE	7/29/20 (Base)	DATE REV.	5/24/23
QUOTE #	NA	DRAWN BY	Anthony Williams
JOB #	J0523-2661	SALES REP.	Anthony Williams

LOAD CHART FOR JACK STUDS

BASED ON TABLES 802.2.1 & 803

REQ'D STUDS FOR (1) 1" x 4" HEADER	REQ'D STUDS FOR (2) 1" x 4" HEADERS	REQ'D STUDS FOR (3) 1" x 4" HEADERS	REQ'D STUDS FOR (4) 1" x 4" HEADERS	REQ'D STUDS FOR (5) 1" x 4" HEADERS	REQ'D STUDS FOR (6) 1" x 4" HEADERS
1700	2550	3400	4250	5100	5950
3400	5100	6800	8500	10200	11900
5100	7650	10200	12750	15300	17900
6800	10200	13600	17000	20400	23800
8500	12750	17000	21250	25500	29750
10200	15300	20400	25500	30600	35750
11900					
13600					
15300					

Truss Placement Plan
SCALE: 1/4" = 1'-0"