



**ROOF & FLOOR TRUSSES & BEAMS**

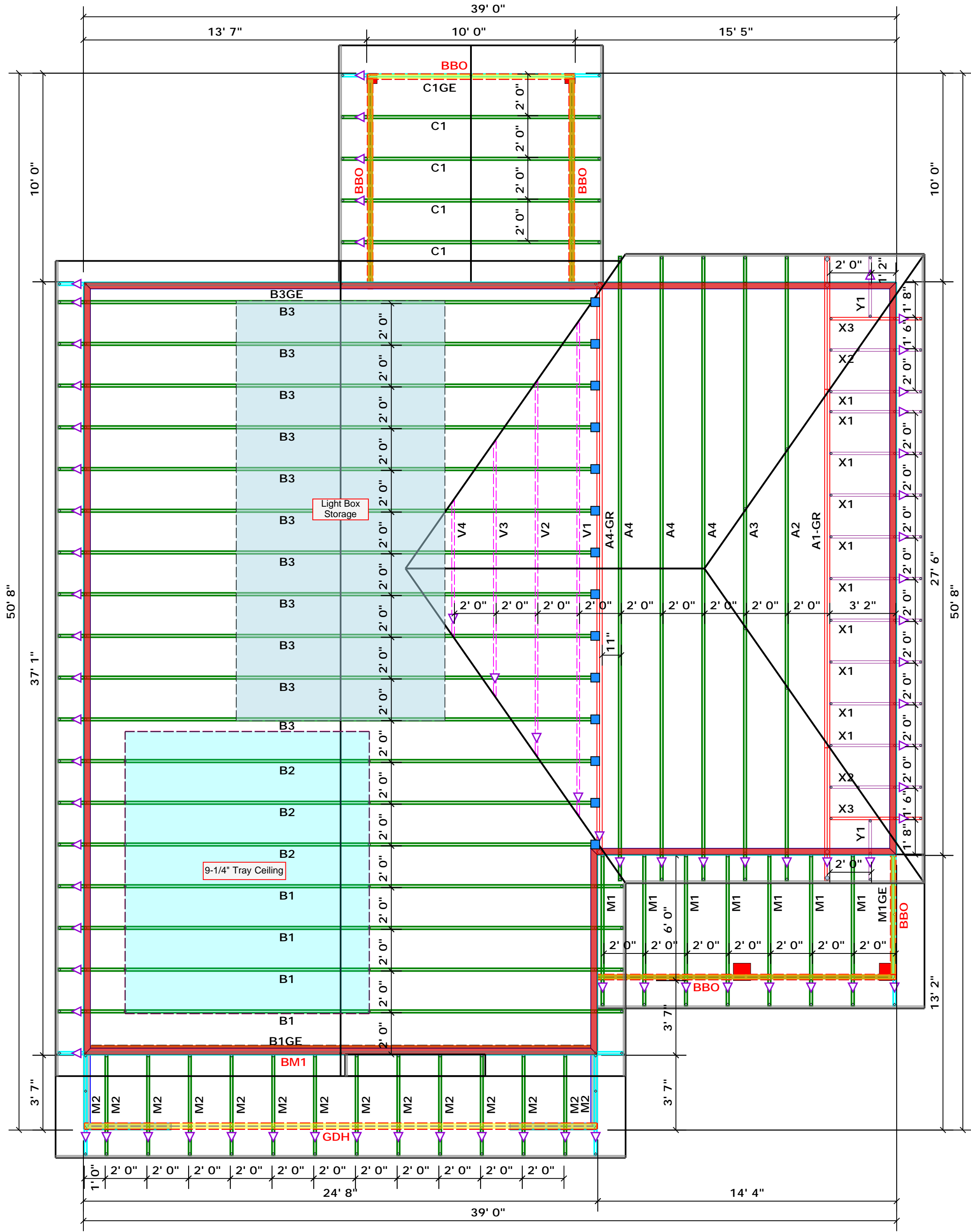
Reilly Road Industrial Park  
Fayetteville, N.C. 28309  
Phone: (910) 864-8787  
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Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables ( derived 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 David Landry  
David Landry

**LOAD CHART FOR JACK STUDS**  
(BASED ON TABLES ROUMLIC & D'S)

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STROBES		REQ'D STUDS FOR 10' TRAY BEAM		REQ'D STUDS FOR 12' TRAY BEAM	
END REACTION (IP TO)	REQ'D STUDS FOR 10' TRAY BEAM	END REACTION (IP TO)	REQ'D STUDS FOR 10' TRAY BEAM	END REACTION (IP TO)	REQ'D STUDS FOR 12' TRAY BEAM
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				



**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 frame wall unless noted otherwise.  
3. All exterior wall to truss dimensions are to face of frame wall unless noted otherwise.

**All Walls Shown Are Considered Load Bearing**

Roof Area = 2311.33 sq.ft.  
Ridge Line = 65.83 ft.  
Hip Line = 40.81 ft.  
Horiz. OH = 178.13 ft.  
Raked OH = 124.36 ft.  
Decking = 79 sheets

**Hatch Legend**

[Blue Hatch]	Box Storage
[Light Blue Hatch]	Tray Ceiling
[Red Hatch]	2nd Floor Walls
[Yellow Hatch]	Drop Beam

**Connector Information**

Sym	Product	Manuf	Qty	Supported Member	Header	Truss
[Blue Box]	HUS26	USP	14	NA	16d/3-1/2"	16d/3-1/2"

**Products**

PlotID	Length	Product	Plies	Net Qty
BM1	25' 0"	1-3/4"x 23-7/8" LVL Kerto-S	3	3
BM2	7' 0"	1-3/4"x 16" LVL Kerto-S	2	2
GDH	25' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2

**1 Truss Placement Plan**  
Scale: 1/4"=1'

CITY / CO.	Spring Lake / Cumberland
ADDRESS	52 South Dakota Ct.
MODEL	Roof
DATE REV.	09/18/20
DRAWN BY	David Landry
SALES REP.	Marshall Naylor
BUILDER	Ben Stout Real Estate
JOB NAME	Lot 54 Sierra Villas
PLAN	Westbrook
SEAL DATE	Seal Date
QUOTE #	Quote #
JOB #	J0920-4172

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.

**▲ = Indicates Left End of Truss**  
(Reference Engineered Truss Drawing)  
**Do NOT Erect Truss Backwards**