



ROOF & FLOOR TRUSSES & BEAMS

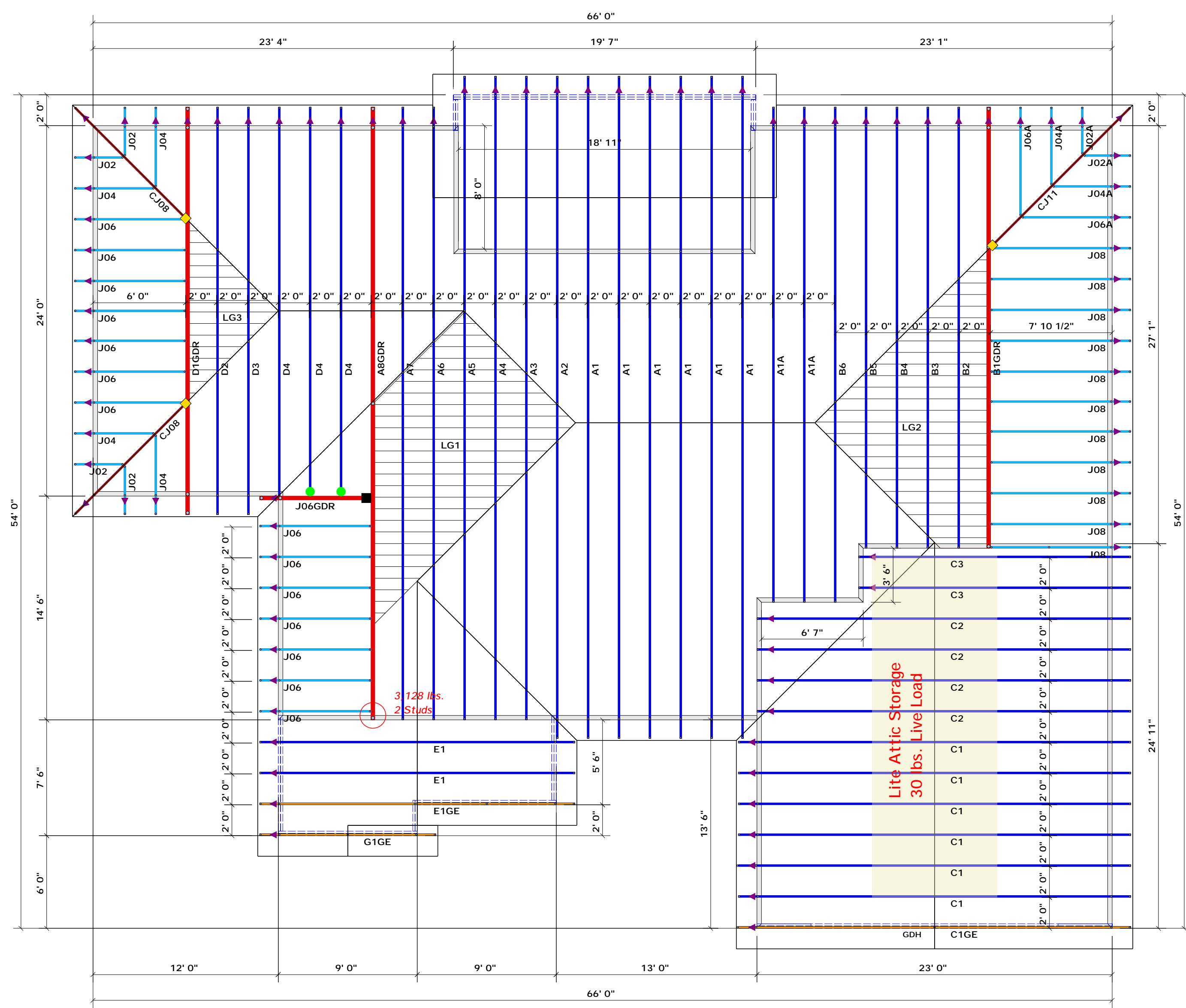
Reilly Road Industrial Park
 Fayetteville, N.C. 28309
 Phone: (910) 864-8787
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Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from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

LOAD CHART FOR JACK STUDS
(BASED ON TABLES ROU111 & 112)

NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS		NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS		NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/STRIPS	
END REACTION (IP-TON)	REQ'D STUDS FOR 2" X 4" HEADERS	END REACTION (IP-TON)	REQ'D STUDS FOR 2" X 4" HEADERS	END REACTION (IP-TON)	REQ'D STUDS FOR 2" X 4" HEADERS
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				



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

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.
 ○ -- Denotes Reaction Greater than 3,000 lbs.

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

HANGER LEGEND

■	= USP THD28-2 / Double 2x Hanger
●	= USP HUS26 / Single 2x Hanger
◆	= USP HJC26 / Hip Hanger

Beam Legend

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

BUILDER	Watermark Homes	CITY / CO.	Lillington / Harnett
JOB NAME	Lot 60 South Creek	ADDRESS	Lot 60 South Creek
PLAN	The Eucalyptus	MODEL	Roof
SEAL DATE	11/4/20	DATE REV.	11/12/20
QUOTE #	Quote #	DRAWN BY	Curtis Quick
JOB #	J1120-5314	SALES REP.	Anthony Williams

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.