



ROOF & FLOOR TRUSSES & BEAMS

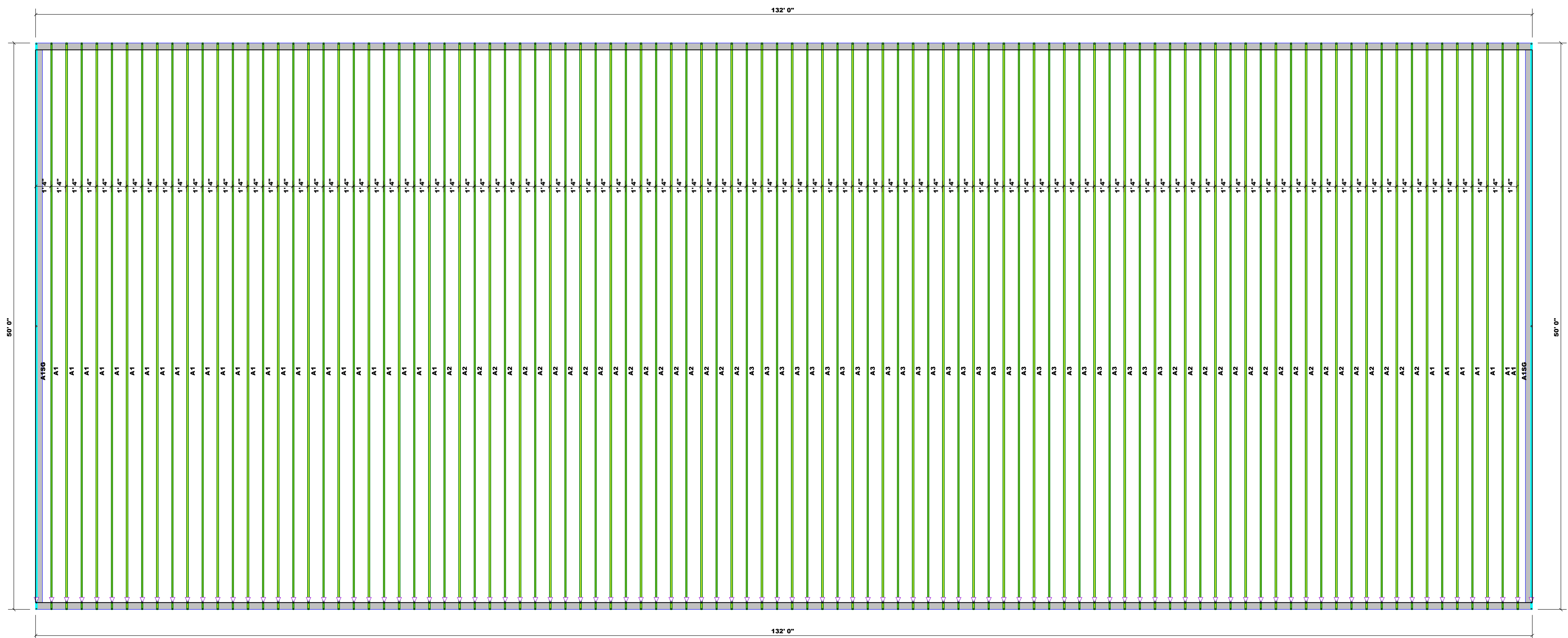
Reilly Road Industrial Park
Fayetteville, N.C. 28309
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THIS IS A TRUSS PLACEMENT DIAGRAM ONLY.
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. The individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for ensuring and permitting framing of the roof and floor systems and for the overall structure. The design of the truss support structure including beams, columns, walls, and columns is the responsibility of the building designer. For general guidance regarding framing, consult ICC-ES and ECR-BCI provided with the truss delivery package or online @ [structuredesign.com](http://www.structuredesign.com)

Roaming reactions less than or equal to 2000# 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 2000# but not greater than 5000#. A registered design professional shall be required 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 5000#.

Signature: Jonathan Landry

Jonathan Landry



All Walls Shown Are Considered Load Bearing

Roof Area = 6441.9 sq.ft.
Ridge Line = 0 ft.
Hip Line = 0 ft.
Horiz. OH = 251.5 ft.
Raked OH = 97.6 ft.
Decking = 221 sheets

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

Dimension Notes
1. All exterior wall to wall dimensions are to face of stud unless noted otherwise
2. All interior wall dimensions are to face of stud unless noted otherwise
3. All exterior wall to truss dimensions are to face of stud unless noted otherwise

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

CITY / CO.	Fuquay-Varina / County
ADDRESS	U.S. Highway 401 North
MODEL	Roof
DATE REV.	12/29/23
DRAWN BY	Jonathan Landry
SALES REP.	Lenny Norris

Regency Homes	Champs Convenience Store
PLAN	Custom
SEAL DATE	12/14/22
QUOTE #	Quote #
JOB #	J1223-7209

LOAD CHART FOR JACK STUDS					
BASED ON TABLES ENR250 & 251					
NUMBER OF JACK STUDS REQUIRED @ 4' END OF HEADERS/BEAMS		NUMBER OF JACK STUDS REQUIRED @ 8' END OF HEADERS/BEAMS			
TRUSS HEIGHT (ft)	TRUSS WEIGHT (lb)	TRUSS HEIGHT (ft)	TRUSS WEIGHT (lb)		
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				