



ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park
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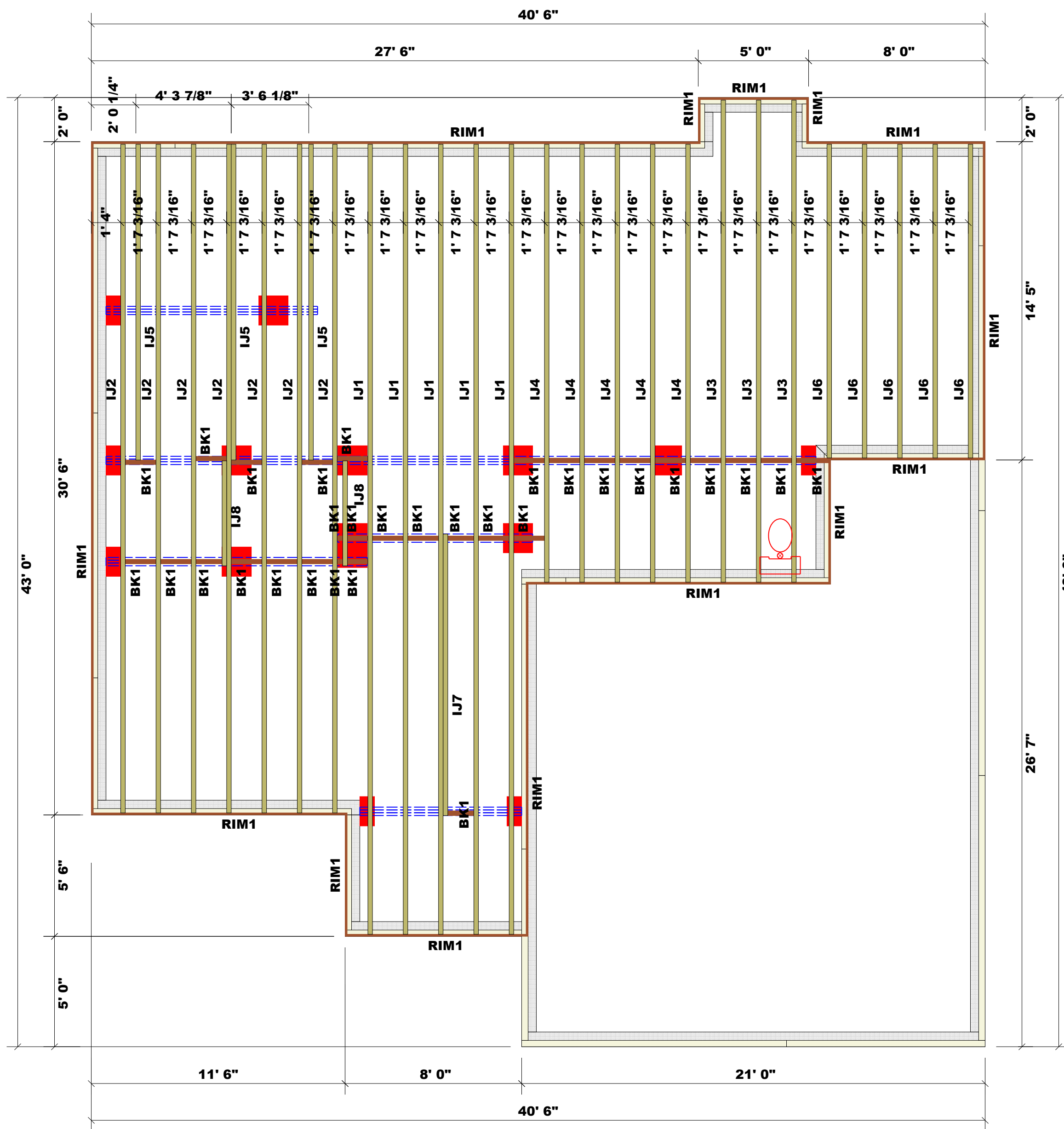
Bearing reactions less than or equal to 3000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions 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 R502.5(1) & (b))
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADER/GIRDER

END REACTION (UP TO)	REQ'D STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (1) 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				



Beam Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1	34-00-00	2x10 SP No.2	3	3	FF
BM2	12-00-00	2x10 SP No.2	3	3	FF
BM3	10-00-00	2x10 SP No.2	3	3	FF
BM4	10-00-00	2x10 SP No.2	3	3	FF
BM5	8-00-00	2x10 SP No.2	3	3	FF

I-Joist Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
IJ1	35-09-09	11 7/8" NI-40x	1	5	MFD
IJ2	30-03-09	11 7/8" NI-40x	1	7	MFD
IJ3	21-10-02	11 7/8" NI-40x	1	3	MFD
IJ4	19-10-02	11 7/8" NI-40x	1	5	MFD
IJ5	14-03-12	11 7/8" NI-40x	1	3	MFD
IJ6	14-02-10	11 7/8" NI-40x	1	5	MFD
IJ7	12-09-00	11 7/8" NI-40x	1	1	MFD
IJ8	4-09-00	11 7/8" NI-40x	1	2	MFD
RIM1	12-00-00	1 1/8" x 11 7/8" Rim Board	1	14	FF
BK1	2-00-00	11 7/8" NI-40x	1	30	FF

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

BUILDER	CITY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
Cates Building, Inc.	Cameron / Harnett	132 Old Montague Way	31000	04/28/22	Curtis Quick	Scot Duncan
		Lot 738 Lexington Plantation				
		CC-2355 / Crawl				
		8/10/21				
		Quote #				
		JO422-2332				

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