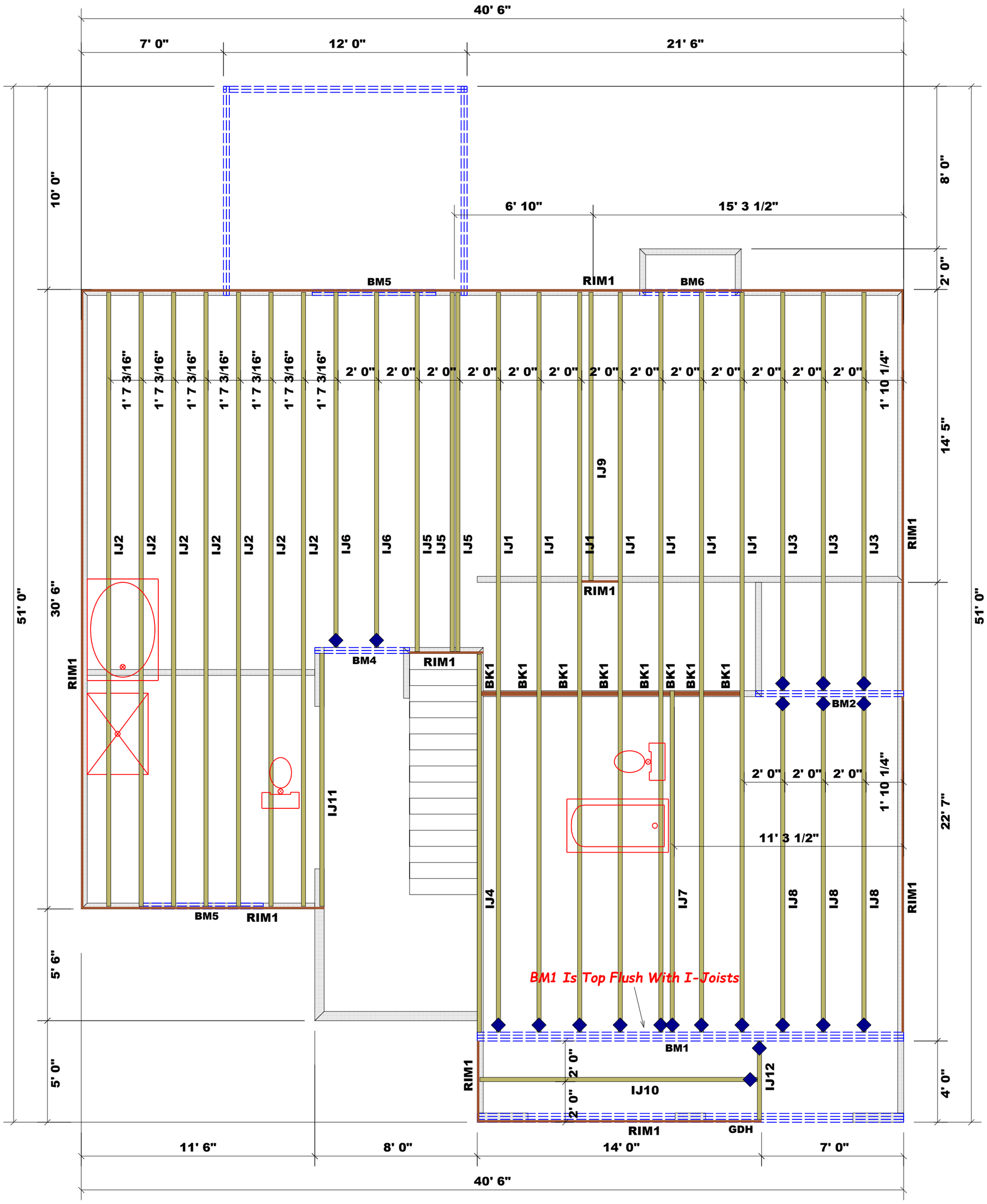

I-Joist Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
IJ1	36' 5 1/4"	14" WI 40	1	7	FF
IJ2	30' 2 13/16"	14" WI 40	1	7	FF
IJ3	19' 7 1/2"	14" WI 40	1	3	FF
IJ4	18' 7 5/16"	14" WI 40	1	1	FF
IJ5	17' 8 1/4"	14" WI 40	1	3	FF
IJ6	17' 6"	14" WI 40	1	2	FF
IJ7	16' 9 3/4"	14" WI 40	1	1	FF
IJ8	16' 6 3/8"	14" WI 40	1	3	FF
IJ9	14' 2 1/4"	14" WI 40	1	1	FF
IJ10	13' 7 7/8"	14" WI 40	1	1	FF
IJ11	12' 5 7/16"	14" WI 40	1	1	FF
IJ12	3' 10 1/2"	14" WI 40	1	1	FF
RIM1	12' 0"	1 1/8" x 14" Rim Board	1	12	FF
BK1	2' 0"	14" WI 40	1	8	FF
	1' 8"	Backer Blocks (14" WI 40)	1	2	Other
		Web Stiffeners (14" WI 40)	1	40	Other

HANGER LEGEND

◆ = USP IHF2514 / Single I-Joist Hanger

Beam Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM5	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	4	FF
BM6	5' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2	FF
GDH	21' 0"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
BM2	8' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM4	5' 0"	1-3/4"x 14" LVL Kerto-S	2	2	FF
BM1	21' 0"	1-3/4"x 18" LVL Kerto-S	3	3	FF

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

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 (2) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (3) PLY HEADER	END REACTION (UP TO)	REQ'D STUDS FOR (4) 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				

BUILDER	Cates Building, Inc.	**CITY / CO.**	Cameron / Harnett
JOB NAME	Lot 738 Lexington Plantation	**ADDRESS**	132 Old Montagur Way
PLAN	CC-2355 K / 2ND FLOOR I-JOIST RF	**MODEL**	31500
SEAL DATE	8/10/21	**DATE REV.**	04/28/22
QUOTE #	Quote #	**DRAWN BY**	Not Assigned
JOB #	J0322-1505	**SALES REP.**	Scot Duncan

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

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 Not Assigned
Not Assigned

comTech
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