


I-Joist Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
IJ1	39' 8 13/16"	BLI 40 14"	1	5	FF
IJ2	28' 3"	BLI 40 14"	1	10	FF
IJ3	17' 5 7/16"	BLI 40 14"	1	2	FF
IJ4	11' 4 1/2"	BLI 40 14"	1	2	FF
IJ5	11' 0 3/4"	BLI 40 14"	1	10	FF
IJ6	8' 3"	BLI 40 14"	1	1	FF
IJ7	3' 9"	BLI 40 14"	1	1	FF
IJ8	3' 5 5/8"	BLI 40 14"	1	1	FF
RIM1	12' 0"	1 1/8" x 14" Rim Board	1	14	FF
	2' 11 1/2"	Backer Blocks (BLI 40 14")	1	2	Other
	2' 0 3/4"	Backer Blocks (BLI 40 14")	1	2	Other
	1' 3 3/4"	Backer Blocks (BLI 40 14")	1	2	Other
	1' 2 1/2"	Backer Blocks (BLI 40 14")	1	2	Other
	1' 1"	Backer Blocks (BLI 40 14")	1	2	Other
	1' 0 3/4"	Backer Blocks (BLI 40 14")	1	2	Other
		Web Stiffeners (BLI 40 14")	1	50	Other

Hatch Legend
 Extra I-Joist

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

HANGER LEGEND	
	= USP IHF2514 / Single I-Joist Hanger

Beam Legend					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM2	7' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	6	FF
GDH	22' 0"	1-3/4"x 11-7/8" LVL Kerto-S	3	3	FF
BM1	20' 0"	1-3/4"x 18" LVL Kerto-S	3	3	FF

LOAD CHART FOR JACK STUDS			
(BASED ON TABLES R502.5(1) & (b))			
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADS/GUDES			
END REACTION (UP TO) 2550#	END REACTION (UP TO) 5100#	END REACTION (UP TO) 7650#	END REACTION (UP TO) 10200#
1700	2550	3400	4250
3400	5100	6800	8500
5100	7650	10200	12850
6800	10200	13600	17000
8500	12750	17000	
10200	15300		
11900			
13600			
15300			

BUILDER	Caviness & Cates Communities
JOB NAME	Lot 107 Ducks Landing
PLAN	CC-2560 / 2ND FLOOR I-JOIST
SEAL DATE	2/1/21
QUOTE #	
JOB #	J0325-1584

CITY / CO.	Lillington / Harnett
ADDRESS	356 Hookbill LN
MODEL	31500
DATE REV.	06/03/25
DRAWN BY	Curtis Quick
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	Curtis Quick Curtis Quick



ROOF & FLOOR TRUSSES & BEAMS

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