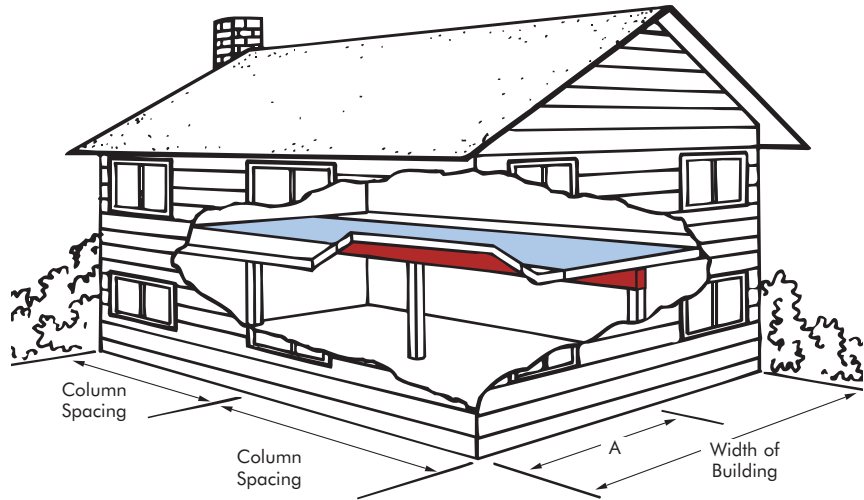


LRC LVL FLOOR BEAMS

This table provides LRC LVL beam sizes for center support of one level of floor framing over various column spacings. Where floor joists are continuous over the beam, this table applies only when the 'A' span is between 45% and 55% of the building width.



1 3/4" x 2.0E LRC LVL

Width of Building (ft)	Column Spacing									
	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
24'	2 - 1 1/8"	2 - 1 1/8"	2 - 1 1/8"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/2"	2 - 1 1/2"
	3 - 9/16"	3 - 9/16"	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/2"	3 - 1 1/2"
28'	2 - 1 1/8"	2 - 1 1/8"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/2"	2 - 1 1/2"	-
	3 - 9/16"	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"
32'	2 - 1 1/8"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/2"	2 - 1 1/2"	-	-
	3 - 9/16"	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"
36'	2 - 1 1/8"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/2"	2 - 1 1/2"	-	-	-
	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"
40'	2 - 1 1/8"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/4"	2 - 1 1/2"	-	-	-	-
	3 - 1 1/8"	3 - 1 1/8"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/4"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"	3 - 1 1/2"	-

+ see note 3

Notes:

- LRC LVL beam sizes are listed as the number of 1 3/4" thick pieces by the beam depth, e.g. 2 - 9 1/2" indicates two 1 3/4" pieces by 9 1/2" deep.
- All LRC LVL beams require support across their full width.
- The minimum required end and intermediate bearing lengths (based on 850 psi) are 3" and 7 1/2" respectively unless the + symbol is shown. In that case, 4 1/2" and 10 1/2" end and intermediate bearing lengths are required.
- LRC LVL beam sizes are based on residential floor loading of 40 psf live load and 10 psf dead load. The roof framing must be trusses supported at the exterior walls only.
- Deflection is limited to L/360 at live load and L/240 at total load.
- LRC LVL beam sizes are based on continuous floor joist spans and simple or continuous beam spans. If the floor joists are not continuous, it is permissible to consider a "Width of Building" dimension that is equal to 0.8 times the actual width of the building.