



Carport Beams 2-18" LVL on 6x6 .40pt posts
 Design span for 20' opening w/115% load duration is 872*TL/lf.

Sides with posts 2- 9-1/4" LVL span <10'
 Design span for 10' opening w/115% load duration is 886*TL/lf

6/12 pitch the ridge to ceiling should be 60" on a 20' span.
 Area under rafters less than 42" is 14', over 42" 6'

Load Roof 11.5ft x 30#/sf= 345lb/LF
 Load attic 7 ft@ 10#/sf+ 3ft@ 30#/sf= 160#/LF beam
 Total load =505#/LF

Ceiling joists in carport 2 x 10 x 20spf 16" oc. per code

10-3-24
 488 Knight Rd. Broadway NC
 Design by Custom Contracting Corp
 NCLBGC #8664

3/16"=1'