



# Carport Requirements

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**Submit:**

1. Carport Worksheet or drawings that include the following items below:
  - Site plan and plan view of the carport
  - Pile, pad or pier designs and spacing
  - Post, spacing, type, size and material
  - Attachment type of post to pile
  - Beam material, size and plies
  - Attachment to existing building
  - Roof truss designs from manufacture if using trusses
  - Rafter details size and spacing
  - Roofing material

**Note:**

**Hand built trusses are not allowed. If rafter framing you must meet the requirements under NBC 9.23.13 “Roof and Ceiling Framing**

**General Details:**

- Carports require a foundation below frost.
- Piles must be a minimum of 12” x 12’ with 2 rows 15mm rebar
- Piles and post maximum spacing to be 8’0” apart unless designed to accommodate longer spans for beams
- Piers must have a pad 24x24x6” with a 12” concrete column
- Piers must be a minimum 48” into ground
- You must meet the zoning regulations
- Beams must meet the required span tables
- Beams must be notched in post or secured to the top with a metal fastener

Width of Carport	Minimum Beams Posts Spacing @ 8’ o/c
16’	2-ply- 2x8
20	2-ply-2x8
24	2-ply-2x10
28	2-Ply – 2x10
32	2-Ply – 2x10

Rafters	Allowable Spans			
(31.3 PSF Snow Load)	2x4	2x6	2x8-	2x10
12” o/c (spruce)	8’-11”	14’-0”	18’-5”	23’-7”
16” o/c (spruce)	8’-1”	12’-9”	16’-9”	21’-5”
24” o/c (spruce)	7’-1”	11’-2”	14’-6”	17’-8”