

Specifications

Minimum Design Criteria:

- Wind Load: 90 mph class C
- Snow Load: 30 psf
- Seismic Load: Varies, meets local code requirements
- Basic Soil Bearing: 1500 psf
- Concrete Bearing: 2500 psi

Maximum Design Parameters:

- Wind Load: up to 175 mph
- Snow Load: up to 300 psf

Specifications:

- **Roof Pitch:** 6/12 standard (9/12 shown)
- **Roof Style:** Hip
- **Steel Posts:** 6x3 by 3/16 wall rectangular structural steel or larger as required for structural strength (A 500 Grade A) with welded anchor and beam attachment plates. All plates are 1/4" or thicker and conform to ASTM A36. Wood post available on request.
- **Steel Beam:** 4x4 by 3/16" A500; Beams are sized to match load requirements either square or rectangular tube. I beam, channel and angle are not used due to bird and insect nesting. wood beams available on request.
- **Roof Decking:** Optional 2x6 or 3x6 Fir select deck tongue and groove. Decking shall be kiln dried to a moisture content of 19% or less and vee grooved on the finished face. Decking is unfinished and requires on site cutting. Pressure treating or staining is available.
- **Finish:** Steel posts, beams and steel connections are sand blasted to SP 10 near white and electro statically polyester powder coated after fabrication 4-6 mils. Hardware is zinc coated or hot galvanized.
- **Options Available:**
 - Wood Post & Beam; State Engineers Stamp; Hot Dip Galvanizing; Natur-Kote; 2x6 tongue & Groove Fascia; Cupola; Clerestory; Asphalt shingles; Cedar shingles or shake; Hi Rib, Standing Seam or Tile Roof.

(Note: Asphalt, Cedar and Tile roof options require 2x6 tongue & groove roof decking.)



Catskill Sizes

Table Capacity

Model	Size	6'	8'
98-C10010	10' x 10'	1	1
98-C12012	12' x 12'	1	1
98-C16016	16' x 16'	2	2
98-C20020	20' x 20'	4	4
98-C24024	24' x 24'	9	6
98-C30030	30' x 30'	9	8
98-C40040	40' x 40'	20	16
98-C50050	50' x 50'	36	26
98-C60060	60' x 60'	49	40
98-C70070	70' x 70'	72	54
98-C80080	80' x 80'	90	72

Other sizes available.



PO Box 270, Baker City, OR 97814
 (541) 523-0224 (800) 252-8475 Fax (541) 523-0231
www.naturalstructures.com - info@naturalstructures.com