

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:** 4/12 standard (8/12 shown)
 - **Roof Style:** Gable
 - **Steel Posts:** 6x4 by 3/16 wall or larger structural steel (A 500 Grade A) with welded anchor and beam attachment plates. All plates conform to ASTM A36. Post spacing is 16' to 30'.
 - **Steel Beam:** 3/16" wall by 4" wide; 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.
 - **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.
 - **Fascia:** 2x6 or 2x8 Fir #1 or better; surfaced all four sides.
 - **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:**
 - State Engineers Stamp; Hot Dip Galvanizing; Natur-Kote; Fretwork; Logos; 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.)

Rocky Sizes		Table Capacity	
Model	Size	6'	8'
98-R16024	16' X 24'	5	3
98-R16036	16' X 36'	8	4
98-R16044	16' X 44'	10	5
98-R20024	20' X 24'	6	4
98-R20036	20' X 36'	8	8
98-R20044	20' X 44'	12	10
98-R20052	20' X 52'	14	12
98-R20064	20' X 64'	16	14
98-R24036	24' X 36'	12	9
98-R24044	24' X 44'	18	12
98-R24052	24' X 52'	21	15
98-R24064	24' X 64'	24	18

Rocky Sizes		Table Capacity	
Model	Size	6'	8'
98-R30036	30' X 36'	15	12
98-R30044	30' X 44'	20	15
98-R30052	30' X 52'	24	18
98-R30064	30' X 64'	28	21
98-R30084	30' X 84'	40	30
98-R30104	30' X 104'	42	33
98-R34064	34' X 64'	32	24
98-R34084	34' X 84'	44	36
98-R34104	34' X 104'	56	44
98-R34124	34' X 124'	68	56
98-R40044	40' X 44'	30	20
98-R40064	40' X 64'	35	28
98-R40084	40' X 84'	44	32
98-R40104	40' X 104'	51	38
98-R50064	50' X 64'	45	34
98-R60064	60' X 64'	61	44
98-R70084	70' X 84'	88	64
98-R80084	80' X 84'	99	72
98-R90104	90' X 104'	140	100
98-R100104	100' X 104'	167	119



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

Other sizes available.