Sentinel Mountain Series

Small Shelters & Kiosks

Specifications

Minimum Design Criteria:

• Wind Load: 90 mph class C

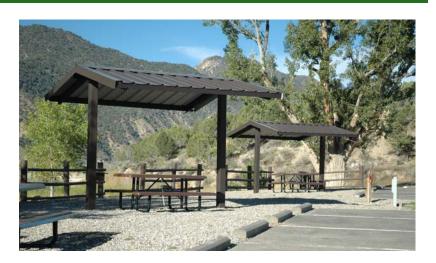
• Snow Load: 30 psf

 Seismic Load: Varies, meets local code requirements

Basic Soil Bearing: 1500 psfConcrete Bearing: 2500 psi

Maximum Design Parameters:

Wind Load: up to 175 mphSnow Load: up to 300 psf



Specifications:

- Roof Style: Gable or Hip
- Roof Pitch: 3/12, 4/12 or 6/12*
 - * Roof pitch varies by model. Please see individual specifications for each model.
- Wood Posts: 6x6 or larger #1 Douglas Fir free of heart center, free of wane; sanded & surfaced all 4 sides(S4S); CBA pressured treated.
- Steel Posts: Minimum 4x6 by 3/16 square tube (A 500 Grade A).
- Wood Beam: 6x4 or larger #1 Douglas Fir free of heart center, free of wane; sanded & surfaced all 4 sides(S4S); CBA pressured treated.
- Roof Decking: 2x6 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 2x10 Fir #1 or better; surfaced all four sides.
- **Finish:** 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:
 - o Tables; Benches; Reader Boards; Bike Racks; State Engineers Stamp; Hot Dip Galvanizing; Asphalt shingles; Cedar shingles or shake; Hi Rib, Standing Seam or Tile Roof.

Sentinel Sizes			Steel Post & Beam Only	
	Model	Descri	ption	Size
	98-82	Bench Sh	nelter	6'3" x 9'4"
	98-90	Bike Rack		10' x 12'
	98-92	Kiosk She	elter	12' x 24'
	98-100	Shelter O	nly	10' x 10'
	98-102	Shelter O	nly	12' x 12'

Sentinel Sizes Available in Wood or Steel					
Model	Description	Size			
98-70	Shelter Only	8' x 8'			
98-73	3 Sided Kiosk	8' x 8'			
98-74	Kiosk	8' x 8'			
98-75	Table Shelter	8' x 8'			

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