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 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:**
    - 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	Description	Size
98-82	Bench Shelter	6'3" x 9'4"
98-90	Bike Rack	10' x 12'
98-92	Kiosk Shelter	12' x 24'
98-100	Shelter Only	10' x 10'
98-102	Shelter Only	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'