

## 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:** Hip
- **Roof Pitch:** Varies due to arch, minimum is 4/12, but will increase towards the peak up to 12/12.
- **Steel Posts:** 3x6 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.
- **Wood Posts:** 3 1/8 x6 or 3 1/8 x9 glu-laminated Douglas Fir with water proof glue in accordance with the current AITC-ANSI standards. Posts are CBA pressured treated and achitecturally finished and individually wrapped.
- **Wood Beam:** Arch glu-laminated Douglas Fir with water proof glue in accordance with current AITC-ANSI Standards. Sizes shall be 3 1/8" x 9" wide or larger for main support. Purlins shall be 3 1/8" wide or 4" solid beam. All glu-lams shall be architecturally finished and individually wrapped.
- **Roof Decking:** 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 2x10 Fir #1 or better; surfaced all four sides. Pressure treating or staining is available.
- **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:**
  - State Engineers Stamp; Hot Dip Galvanizing; Cupola; Clerestory; Floor; Rails; Benches; Asphalt shingles; Cedar shingles or shake.

### Ruby Sizes

Model	Size
98-120	16'
98-121	25'
98-122	20'



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