



WOOD SHELTER SPECIFICATIONS

Building structure as furnished by:

Cedar Forest Products
P.O. Box 145, West Olive, MI 49460, USA
800.552.9495

SPECIFICATIONS

Building material package shall be as designed and manufactured by Cedar Forest Products and specified herein. Any changes or departures from design shall be explained and documented by complete engineered drawings by a registered structural engineer at least seven days prior to bid date. All dimensional lumber is nominal and various building products are available upon your request or building requirements. Cedar Forest Products Company also utilizes many other high quality construction materials, depending upon the particular application, justified economics, design considerations, and customer preference.

LOW PITCH BEAMS

Material and quality assurance: Structural glue laminated timber shall be in conformance with ANSI/AITC Standard A.190.1-(latest edition). Beams shall be stamped with the American Institute for Timber Construction (AITC) product quality mark. Species: Laminating lumber shall be kiln-dried, architectural grade, sealed and wrapped. The roof system for wood structures and buildings are designed to withstand 30 PSF live load and 90 MPH wind load. Please check local codes. For heavier load requirements, please consult with Cedar Forest Products Company. The roof slope shall be 3/12.

LAMINATED SUPPORT COLUMNS

Material and quality assurance: Structural glue laminated timber shall be in conformance with ANSI/AITC A.190.1-(latest edition). Species: Laminating lumber shall be kiln-dried Port Orford Cedar, architectural appearance grade. Laminated columns shall be sized to suit loading requirements. Manufacturers shall furnish connection steel and hardware for joining structural glue laminated timber members to their supports, exclusive of anchorage and embedment in masonry or concrete (anchor bolts are not furnished).

ROOF DECKING

2" x 6" (nominal), #1 grade, single tongue and groove with V-joint on bottom face, kiln-dried Southern Yellow Pine, maximum moisture content shall be 19% or less selected for decking, specified lengths, with all joints over supports.

ROOFING MATERIAL

Shingles shall be class "A" fire rated, architectural grade, laminated fiberglass shingle with a 30 year limited warranty, ASTM D 3018 type 1. To be installed, over 30 lb. felt and style "D" roof edge. Roof application installed per manufacturer's specifications. Color to be approved by owner/design professional. Fasteners shall be conventional barbed shank roofing nails (11 or 12 gauge) with 3/8" diameter heads. Metal roof edge shall be brown steel and shaped as detailed on drawings.

OPTIONAL: STEEL PANEL ROOF SYSTEM

29 gauge galvalume Maxrib Ultra roof with Kynar 500 coating. All panels to be precut to length. Roof panels to be 36" wide with 1-3/16" tall ribs spaced 12" oc. Trim to be 24 ga. galvalume with Kynar 500 coating.

WELDING

Certified welders shall perform all shop welding. All welding shall be performed in accordance with the American Welding Society (AWS), Structural Welding Code- Steel (AWS).

FASCIA

(Nominal) 2" x 8" Cedar, "D"/ Better Grade, kiln-dried, surfaced on four sides, Western Wood Products Association Grading Rules-(latest edition).

STRUCTURE RECEIVING & INSTALLATION

The fabricator shall furnish complete drawings showing necessary construction details. Installation of the structure shall be done with a competent supervisor in the construction trades according to Cedar Forest Products installation instructions providing proficient construction practices and procedures. The general contractor is responsible for:

- A. Using Non-marring slings and/or padded forks when handling steel and wood.
- B. Unloading the carrier/freight company. A crane or lift truck capable of lifting up to 4,000lb bunks is needed for unloading at the destination site.
- C. All trucks must be unloaded promptly at destination. Any detention or demurrage charges caused by delay in unloading will be responsibility of contractor/ purchaser.
- D. All orders will be scheduled to meet customer's requests to the best of our ability, however, Cedar Forest Products Company will not be responsible for specific time deliveries nor accept any back-charges for failure of trucks to arrive as scheduled.
- E. Security of materials after its arrival at the destination.
- F. Protecting building products after arrival at destination from weather, sunlight, and damage. Materials shall be placed on blocks well off the ground and separated with wood strips so that air can circulate around each member. Cover top and bottom with moisture-resistant paper.
- G. Using proper building practices recognized by OSHA and to have experience installing shelters of similar construction. These trades include but are not limited to: masonry work, steel construction, sheet metal work, carpentry, electrical and paint finishing.
- H. Required shimming, cutting, and minor adjustments for proper building erection.
- I. Examination of final work by verifying that the erection of the structure was done in conformance to the installation instructions provided by Cedar Forest Products and local building codes.
- J. Installing all components according to manufacturer's installation instructions and these specifications.
- K. Not attempting any field modifications or repairs without first contacting Cedar Forest Products.
- L. Field or Site Tests and Inspections. They are not required by Cedar Forest Products but may be required by the customer and/or by the local building inspector.

ENGINEERING

Building material packages that are designed and manufactured by Cedar Forest Products are reviewed by a registered structural engineer. Stamped structural drawings by a registered engineer licensed in the state of the project are available upon request. Structural calculations are available for an additional fee. Not included in our package is the site specific design of the foundation. No foundation stamped engineer drawings or calculations are provided by Cedar Forest Products. The purchaser must consult with a local registered structural engineer if the soil bearing conditions are different than those indicated in our drawings. The design, excavation, and construction of the structure(s) foundation must be verified by a local registered structural engineer.

END OF SECTION