

STRUCTURAL WOOD SYSTEMS

DIVISION OF HARRISON INDUSTRIES, INC.
P.O. Box 250 – PHONE 334-382-6534 FAX 334-382-4260
Greenville, AL 36037

Manufacturer: Shelter shall be designed and furnished by Structural Wood Systems Greenville, Alabama.

Manufacturer's and Fabricator's Certification: Shelter manufacturer, and fabricator, shall be a member of, and hold full certification from, The American Institute of Timber Construction (AITC).

Lumber: Laminating lumber shall be kiln-dried, with 15% moisture content, Southern Yellow Pine graded to meet the requirements of Standard Specifications for Structural Glued Laminated Timber, AITC 117. Lumber combination shall be determined by the design requirements for each component and designated on the fabricator's shop drawings.

Manufacture: Manufacture of the structural glued laminated wood components shall conform to the manufacturing requirements of the American Institute of Timber Construction Standards and Standard Specifications for Glued Laminated Timber, AITC 117.

Treated Components: All treated components must be treated prior to gluing with pentachlorophenol Type "C". All treated components with ground contact, must be treated prior to gluing, at .6 lbs. per cubic foot with pentachlorophenol Type "C". All treated components not in ground contact, must be treated prior to gluing, at .3 lbs. per cubic foot with pentachlorophenol Type "C". Waterborne treatment will not be accepted.

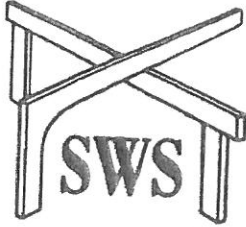
Quality Control: Quality Control shall be provided in accordance with ANSI/AITC A190.1-latest edition, American National Standard for Wood Products- Structural Glued Laminated Timber, and the American Institute of Timber Construction Inspection Manual AITC-200.

Adhesives: Adhesives shall be wet-use (waterproof) complying with ANSI/AITC A190.1-latest edition.

Columns: Standard shelters to have embedded glued laminated wood columns. Glulam columns to be pressure-treated at .6 lbs. per cubic foot with pentachlorophenol Type "C" prior to gluing, in accordance with American Wood Preservers Association Standards. Waterborne treatment will not be accepted.



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Beams and Purlins: Glulam beams and purlins to be fabricated with #1 Grade, kiln-dried, with 15% moisture content, Southern Yellow Pine.

Roof Deck: Two-inch (nominal) #1 Grade, end matched, single tongue and groove with V-joint bottom face, kiln-dried, to an average of 15% moisture content, Southern Yellow Pine.

Fascia: 2" x 6" fascia, Southern Yellow Pine, #1 SPIB Grade, pressure-treated at .3 lbs. per cubic foot with pentachlorophenol Type "C" in accordance with American Wood Preservers' Association Standards.

Design: The structural systems are designed to sustain actual dead load in conjunction with 30 PSF live load or 140 mph wind load, whichever combination is critical. The rigidity offered by embedment of the laminated columns provides overall lateral stability.

Hardware: All steel and hardware for beam and column connections shall be provided. Steel and hardware connections will be hot dipped Galvanized.

Appearance Grades: AITC Architectural grade. Exposed faces of glulam members to receive one coat of factory-applied clear penetrating sealer.

Storage and Erection: The general contractor is responsible for protection of the materials after arrival at destination. If stored temporarily, members should 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. Use non-marring slings when handling.

Protection: Members shall be individually wrapped.

Shop Drawing: The fabricator shall furnish a complete set of shop drawings showing the necessary details.



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