



P.O. Box 1290 \* #2 Industrial Drive \* Salem Illinois 62881  
800-851-0865 \* Fax 618-548-2890 \* www.americana.com

## Square Lattice Shade Structure Specifications

### Description of Work

#### Part 1 General

- 1.1 Description of Work
  - A. Work in this section includes furnishing and installation of shelters as manufactured by Americana Building Products.
  - B. Related Items and Considerations
    - 1. Concrete for shelter footings. Footing blockouts for post-supported units provided by manufacturer to be installed as part of concrete work.
    - 2. Any necessary removal or relocation of existing structures, obstructions or materials.
    - 3. This is a sun shade structure only.
- 1.2 Quality Assurance
  - A. Products meeting these specifications establish a standard of quality required as manufactured by Americana Building Products, Salem, IL 62881.
- 1.3 Field Measurement
  - A. Confirm field dimensions prior to preparation of shop drawings when possible.
  - B. If requested, supply manufacturer's standard literature and specifications for canopies.
  - C. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.
- 1.4 Performance Requirements
  - A. Shade structure must conform to local building codes.
  - B. Determine if specific load requirements have been established for structure and if stamped calculations are required for location in which structure is installed.
- 1.5 Delivery, Storage, Handling
  - A. Deliver and store all shade structure components in protected areas.

#### Part 2

- 2.1 Manufacturer
  - A. Americana Building Products, Salem IL 62881  
800/851-0865 \* Fax 618/548-2890
- 2.2 Materials
  - A. Roof deck shall be roll formed 3004H36 Aluminum tube 1-1/2" square, spaced 4.5" on centers with vinyl end caps,
  - B. Structure shall be a rollformed 2" x 6" aluminum rafter .025 or .032 gauge and a rollformed aluminum 3"x8" header beam .042 gauge. Posts will be either steel 3" tube, or an extruded aluminum 3" tube.
- 2.3 Finish

- A. 2 coat abrasion resistant coating system of textured linear polyester
- 2.4 Fabrication
  - A. Support columns beams shall be designed such that the columns will receive and secure the support beams.
  - B. Posts and beams shall be mechanically assembled utilizing dip galvanized 1/2"-#13 or 5/8"-#11 fasteners with a minimum tensile strength of 120,000 psi. Pre-welded connections are not acceptable.
  - C. Lattice shall be attached with mechanical fasteners field applied to provide structural integrity for the completed assembly.

#### Part 3 Execution

- 3.1 Inspection
  - A. Confirm that surrounding area is ready for the shade structure installation.
  - B. Installer shall confirm dimensions and elevations to be as shown on drawings provided by Americana Building Products.
  - C. Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area are completed.
- 3.2 Installation
  - A. Installation shall be in strict accordance with manufacturer's shop drawings. Particular attention should be given to protecting the finish during handling and erection.
- 3.3 After installation, entire system shall be left in a clean condition.