

## SECTION 061800 – GLUED-LAMINATED CONSTRUCTION

### PART 1 - GENERAL

#### 1.1 SECTION REQUIREMENTS

- A. Structural Performance: Design, engineer, fabricate, and install structural glulam timber to withstand structural loads shown on Drawings according to AITC 117-DESIGN.
- B. Submittals: Product Data including specifications and installation instructions.
- C. Standards: Comply with ANSI/AITC A 190.1, "Structural Glued Laminated Timber."
- D. Comply with AITC 111, "Recommended Practice for Protection of Structural Glued Laminated Timber During Transit, Storage, and Erection."

### PART 2 - PRODUCTS

#### 2.1 STRUCTURAL GLUED-LAMINATED UNITS

- A. Species: Douglas fir.
- B. Species and Grades for Beams, Purlins, and Arches: Douglas fir, 24FV4;.
- C. Appearance: Architectural grade.
- D. Adhesive: ASTM D 2559, wet-use type.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. Install structural glued-laminated timber for a close fit and neat appearance of joints. Carefully trim ends to fit connectors, mark and drill for bolts, and seal cuts with end sealer.
- B. Handle and temporarily support members to prevent visible surface damage. When hoisting members into place, use padded slings, and protect corners with wood blocking.
- C. Brace members as they are placed to maintain safe condition until full stability is provided.

END OF SECTION 061800