

**SECTION 06130
HEAVY TIMBER CONSTRUCTION**

PART 1 - GENERAL

1.1 SECTION INCLUDES:

A. Provide all service, material and labor to design, engineer, fabricate and install heavy timber assemblies and components as shown on the architectural and structural drawings with traditional WOOD JOINERY; including mortises, tenons, housings, dovetails, laps, pegs, etc.

1.2 SUBMITTALS:

A. Submit in accordance with Section 01300- Submittals.

B. Provide shop drawings of heavy timber assemblies and components indicating layout, size and WOOD JOINERY details for all members. Drawings shall bear the seal of a registered professional engineer.

C. Fabrication shall not proceed prior to Architect's approval of shop drawings.

1.3 QUALITY ASSURANCE:

A. Fabricator and Installer Qualifications: Shall not have less than 10 years successful experience in heavy timber construction with traditional WOOD JOINERY.

1.4 STORAGE AND HANDLING:

A. Exercise care in handling and protect materials and surfaces during storage, fabrication, delivery and erection as necessary to prevent damage to finished assemblies and components.

PART 2 - PRODUCTS

2.1 SUPPLIER:

A. Heavy timber assemblies and related components to be supplied by:

TEXAS TIMBER FRAMES
613 Hwy 46 East
Boerne, TX 78006
Tel. (210) 698-6156
www.texastimberframes.com

2.2 MATERIAL:

A. All timber shall be **Douglas Fir #1&BTR, FOHC, S4S**

2.3 ACCESSORIES:

A. WOOD JOINERY to be mortise and tenon, unless detailed otherwise on shop drawings. Dowels to be 1" structural grade white oak and to be left extended from timber face.

B. Concealed steel shapes, pins or bolts if required by engineer.

PART 3 - EXECUTION**3.1 FABRICATION:**

A. Fabricate materials of the required size to produce adequate strength and durability in the finished assemblies and components. Work to the dimensions shown or accepted on the shop drawings using proven methods of fabrication and best trade practices.

3.2 INSTALLATION:

A. Install heavy timber assemblies and components in accordance with approved and sealed shop drawings.

B. After assemblies and components have been installed, make final adjustments to assure proper fastening, alignment and finished quality.

END OF SECTION 06130