

SECTION 06 13 00 {06131}

HEAVY TIMBER

{TIMBER FRAMING}

This section includes structural wood framing comprising components 5 inches (125 mm) minimum in smaller cross sectional dimension; also referred to as "structural timber". Glue laminated timber is specified in SPECTEXT Section 06 18 00 {06180}.

This section includes provision for work performed using unit price payment method, when applicable.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcata.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes heavy structural timber for posts, beams, [joists] [purlins] [and] [_____]; and connection hardware.

- B. Related Sections:

List sections specifying installation of products included in this section and indicate specific items.

1. Section 03 10 00 - Concrete Forming and Accessories: Placement of steel support fabrications to be cast in concrete.
2. Section [_____-_____]: Steel support fabrications [embedded] [bearing upon and anchored] into masonry.
3. Section 05 50 00 - Metal Fabrications: Structural steel connectors.
4. Section 06 10 00 - Rough Carpentry: Structural dimension lumber framing.
5. Section 06 13 43 - Heavy Timber Trusses.

- C. Related Sections:

List sections specifying installation of products included in this section and indicate specific items.

1. Section 03100 - Concrete Forms and Accessories: Placement of steel support fabrications to be cast in concrete.
2. Section [_____-_____]: Steel support fabrications [embedded] [bearing upon and anchored] into masonry.
3. Section 05500 - Metal Fabrications: Structural steel connectors.
4. Section 06112 - Framing and Sheathing: Structural dimension lumber framing.
5. Section 06136 - Timber Trusses.

1.2 UNIT PRICE - MEASUREMENT AND PAYMENT

Use this article ONLY when work of this section is performed under unit price payment method. Delete this article when payment is by Stipulated Sum/Price.

Identify in the following paragraphs, a listing of heavy timber member types, whether unit price is per member or by unit length. Add paragraphs to identify other member types and finishes.

- A. Section 01 20 00 - Price and Payment Procedures {01200 - Price and Payment Procedures}: Unit price requirements.
- B. Heavy Timber [Column] [Beam] [_____] Member:
 1. Basis of Measurement: By the [unit.] [linear [foot] [_____] ([meter] [_____]).]
 2. Basis of Payment: Includes unit member placed and anchored.
- C. Connections:
 1. Basis of Measurement: By the [[pound] [_____] [kg] ([_____]).] [unit.]
 2. Basis of Payment: Includes fabrication, finishing, and installation.

1.3 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

- A. American Institute of Timber Construction:
 1. AITC 108 - Standard For Heavy Timber Construction.
- B. ASTM International:
 1. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
 2. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- C. American Wood-Preservers' Association:
 1. AWPA M4 - Standard for the Care of Preservative-Treated Wood Products.