

SECTION 06 13 43 {06136}

HEAVY TIMBER TRUSSES

{TIMBER TRUSSES}

This section includes heavy timber truss framing with bolted metal connector plates and split ring connections; wood members of minimum 5 inch (125 mm) in smaller cross sectional dimension; sometimes preservative treated. This section is based on using solid lumber but can be edited to include glue laminated or built-up lumber.

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 trusses; bridging, bracing, and anchorage; connection hardware; and [preservative] [fire retardant] treatment.
- 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 devices.
2. Section [05 50 00 - Metal Fabrications:] [_____-_____:] Prefabricated [steel structural supports.] [_____.]
3. Section 06 10 00 - Rough Carpentry: Structural dimension lumber framing.
4. Section 06 10 53 - Miscellaneous Rough Carpentry: Miscellaneous wood blocking, spacers, and bridging.
5. Section [_____-_____]: Placement of steel support devices [embedded] [bearing upon and anchored] into masonry.
6. Section [_____-_____]: Setting anchors in [concrete.] [masonry.] [_____.]

C. Related Sections:

1. Section [_____ - _____]: Setting anchors in [concrete.] [masonry.] [_____.]
2. Section [05500 - Metal Fabrications:] [_____ - _____:] Prefabricated [steel structural supports.] [_____.]
3. Section 06112 - Framing and Sheathing: Structural dimension lumber framing.
4. Section 06114 - Wood Blocking and Curbing: Miscellaneous wood blocking, spacers, and bridging.

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

5. Section 03100 - Concrete Forms and Accessories: Placement of steel support devices.
6. Section [_____ - _____]: Placement of steel support devices [embedded] [bearing upon and anchored] into masonry.

1.2 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 A36/A36M - Standard Specification for Carbon Structural Steel.
2. ASTM A47/A47M - Standard Specification for Ferritic Malleable Iron Castings.
3. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
4. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
5. ASTM A240/A240M - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
6. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
7. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

C. American Wood-Preservers' Association:

1. AWWPA M4 - Standard for the Care of Preservative-Treated Wood Products.
2. AWWPA U1 - Use Category System: User Specification for Treated Wood.

D. American Welding Society:

1. AWS D1.1 - Structural Welding Code - Steel.

E. Forest Stewardship Council:

1. FSC Guidelines - Forest Stewardship Council Guidelines.