

SECTION 05118
FURNISHING STRUCTURAL STEEL

PART 1 - GENERAL

1.1 DESCRIPTION:

- A. Work included: Furnish, fabricate, mark for erection identification, pack, crate, or otherwise properly prepare for shipment; and ship to the site all structural steel indicated on the Drawings, specified herein, and/or needed for proper completion of the work.

Note: Mechanical unit roof supports with exception of pre-fabricated A/C curbs are included as specified on plans.

1.2 SUBMITTALS

No partial sets of Drawings will be reviewed by the Owner. See Section 01340 for additional submittal information.

- A. Product data: Within 7 calendar days after the Contractor has received the Owner's Notice of Award, submit:

1. Producers' or manufacturers' specifications and installation recommendations for the following products, including laboratory test reports and other data required to prove compliance with the specified requirements.
 - a. Structural steel, including certified copies of mill test reports covering chemical and physical properties;
 - b. High strength bolts, including nuts and washers;
 - c. Unfinished bolts and nuts;
 - d. Structural steel primer paint.
2. Shop Drawings including complete details and schedules for fabrication and shop assembly of member.
 - a. Include details of cuts, connections, camber, holes, and other pertinent data;
 - b. Indicate welds by AWS symbols, and show size, type, and length of weld;
 - c. Provide setting drawings, templates, and directions for installing anchor bolts and other required anchors;
 - d. Identify details by reference to sheet and detail number of the Drawings;

SECTION 05118-1
FURNISHING STRUCTURAL STEEL

SECTION 05118-2
FURNISHING STRUCTURAL STEEL

- e. Complete set of Shop Drawings must be approved by the Structural Engineer. It is the Contractor's responsibility to see that all approvals are met.

PART 2 - EXECUTION

2.1 TESTING AND INSPECTIONS:

A. Test costs:

- 1. The Owner's selected testing laboratory will pick up specimens and make required tests.

B. Inspecting: It shall be the Contractor's responsibility to contact the Owner at least 72 hours prior to installing concrete over roof deck to coordinate the inspection of structural steel.

- 1. A complete four sided inspection of steel will be made when required by the Owner.
- 2. Cost of inspecting will be paid by the Owner subject to the same provisions made above for tests.
- 3. If, after fabrication and inspection, the work of this Section is found to be defective and to require re-inspection, cost of re-inspection will be paid by the Owner and back charged to the Contractor.
- 4. Provide labor, equipment, and facilities needed to move and handle the Material's to be inspected.

END OF SECTION
FURNISHING STRUCTUAL STEEL
SECTION 05118-2