

## SECTION 01340 - Shop Drawings, Working Drawings, and Samples

### PART 1 - GENERAL

#### 1.1 DESCRIPTION OF WORK

- A. The Contractor shall submit to the Engineer & the City for review and exception, if any, such working drawings, shop drawings, test reports and data on materials and equipment (hereinafter in this article called data), and material samples (hereinafter in this article called samples) as required for the proper control of work, including but not limited to those working drawings, shop drawings, data and samples for materials and equipment specified elsewhere in the Specifications and in the Contract Drawings.

#### 1.2 CONTRACTOR'S RESPONSIBILITY

- A. It is the duty of the Contractor to check all drawings, data and samples prepared by or for him/her before submitting them to the Engineer for review. Each and every copy of the drawings and data shall bear Contractor's stamp showing that they have been so checked. Shop drawings submitted to the Engineers without the Contractor's stamp will be returned to the Contractor unreviewed for conformance with this requirement. Shop drawings shall indicate any deviations in the submittal from the requirements of the Contract Documents.
- B. Determine and verify:
1. Field measurements.
  2. Field construction criteria
  3. Catalog numbers and similar data.
  4. Conformance with Specifications.
- C. The Contractor shall not begin any of the work covered by a drawing, data, or a sample returned for correction until a revision of correction thereof has been reviewed and returned to him, by the Engineer, approved.
- D. The Contractor shall submit to the Engineer all drawings and schedules sufficiently in advance of construction requirements to provide not less than twenty-one (21) calendar days for checking and appropriate action from the time the Engineer receives them.
- F. The Contractor shall submit five (5) copies of descriptive or product data submittals of complete shop drawings for the Engineer plus the number of copies, which the Contractor requires. The Engineer will retain four (4) sets.

#### 1.3 CITY'S AND ENGINEER'S REVIEW OF SHOP DRAWINGS

- A. The City/Engineer's review of drawings, data and samples submitted by the Contractor will cover only general conformity to the Specifications, external connections, and dimensions which affect the installation. The City's/Engineer's review and exception, if any, will not constitute an approval of dimensions, quantities, and details of the material, equipment, device, or item shown.
- B. The review of drawings and schedules will be general, and shall not be construed:
1. As permitting any departure from the Contract requirements;
  2. As relieving the Contractor of responsibility for any errors, including details, dimensions, and materials;

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3. As approving departures from details furnished by the Engineer, except as otherwise provided herein.
- C. When reviewed by the City/Engineer, each of the shop drawings will be identified as having received such review being so stamped and dated. Shop drawings stamped "Not Approved" and with required corrections shown will be returned to the Contractor for correction and resubmittal.
  - D. Resubmittals will be handled in the same manner as first submittals. On resubmittals the Contractor shall direct specific attention, in writing or on resubmitted shop drawings, the revisions other than the corrections requested by the Engineer on previous submissions. The Contractor shall make any corrections by the Engineer.
  - E. If the Contractor considers any correction indicated on the drawings to constitute a change to the Contract drawings or Specifications, the Contractor shall give written notice thereof to the Engineer.
  - F. The City/Engineer will review a submittal/resubmittal a maximum of three (3) times after which cost of review will be borne by the Contractor. The cost of City review/engineering shall be equal to the Engineer's charges to the Owner under the terms of the Engineer's agreement with the Owner.
  - G. When the shop drawings have been completed to the satisfaction of the City/Engineer, the Contractor shall carry out the construction in accordance therewith and shall make no further changes therein except upon written instructions from the Engineer.

#### **1.4 WORKING DRAWINGS**

- A. When or if used in the Contract Documents, the term "working drawings" shall be considered to mean the Contractor's plan for temporary structures such as temporary bulkheads, support of open cut excavation, support of utilities, ground water control systems, forming and false work; for underpinning; and for such other work as may be required for construction but does not become an integral part of the Project.

#### **PART 2 - PRODUCTS**

NOT USED

#### **PART 3 - EXECUTION**

NOT USED

**\*\* END OF SECTION \*\***