

Section 01340

SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

PART 1 GENERAL

1.01 SUMMARY

This Section includes methods, schedule, and process followed for Shop Drawings, Product Data, and Sample submittals.

1.02 – 1.03 NOT USED

1.04 SUBMITTALS

A. Requirement

1. Submit Shop Drawings, Product Data and Samples as required by Document 00700 – “General Conditions” and as designated in Specifications using procedures specified in Section 01330 – “Submittal Procedures” and requirements of this Section.
2. Shop Drawings, Product Data, and Samples are not considered Contract Documents.
3. Registered Professional Engineer licensed by State of Texas must sign and seal design deviations from Contract Documents.

B. Shop Drawing/Submittal Schedule

Submit separate Shop Drawing/Submittal schedule at same time Construction Schedule is submitted. List products, materials, and equipment for which Shop Drawings and other submittals are required in the order in which they appear in Specifications. Include product data and sample submittals in schedule. Application for payment will not be processed until schedule of Shop Drawing submittals is approved by Project Manager.

C. Shop Drawings

1. Submit Shop Drawings as described in Section 01330 – “Submittal Procedures”.
2. Show the following accurately and distinctly.
 - a. Field and erection dimensions
 - b. Arrangement and section views

- c. Relation to adjacent materials or structure, including complete information for making connections between Work under this Contract and work under other contracts
 - d. Types of materials and finishes
 - e. Parts list and descriptions
 - f. Assembly drawings of equipment components and accessories showing respective positions and relationships to complete equipment package
 - g. Identify details by reference to drawing sheet and detail numbers, schedule or room numbers as shown on Plans where necessary for clarity.
3. Scale Shop Drawings to provide true representation of specific equipment or item furnished.
 4. Coordinate and submit components, necessary for Engineer to adequately review submittal, as complete package. Reproduction of Plans for use of shop drawings is not allowed.
 5. For major changes to original documents, submit CAD drawings.
- D. Product Data
1. Submit Product Data for review as required in Specification sections.
 2. Submit in accordance with Section 01330 – “Submittal Procedures”.
 3. Mark each copy to identify applicable Products, models, and options to be used in this Project. Supplement manufacturers’ standard data to provide information unique to this Project, where required by Specifications.
 4. Give manufacturers’ trade name, model, or catalog designation and applicable reference standard for Products specified only by reference standard.
 5. Submit revised data and samples for resubmittal in manner required for initial submission.
- E. Samples
1. Submit Samples for review as required by Specifications.
 2. Submit in accordance with Section 01330 – “Submittal Procedures”.

3. Submit number of Samples specified in Specifications; one will be retained by Project Manager.
4. Reviewed Samples that may be used in Work are identified in Specifications.
5. Provide mark up as identified in Specifications.

1.05 RELATED REQUIREMENTS

- A. Document 00700 – “General Conditions”
- B. Section 01330 – “Submittal Procedures”

1.06 – 1.13 NOT USED

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION