

## SUBMITTALS

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### 1.0 GENERAL

- .1 The Contractor shall be responsible for the following:
  - .1 Review of all submittals prior to submission.
  - .2 Verify field measurements, field construction criteria, catalogue numbers and similar data.
  - .3 Coordinate each submittal with requirements of the work and the Contract Documents.
  - .4 Responsibility for errors and omissions in submittals is not relieved by the Engineer's review of submittals.
  - .5 Notify the Engineer in writing at time of submission, of any deviation in submittals from requirements of the Contract Documents.
- .2 Submit well in advance of schedule dates for fabrication, manufacture, erection, and installation to provide adequate time for reviews, securing necessary approvals, possible revisions and re-submittals, placing orders, securing delivery and to avoid construction delays.
- .3 Accompany each submittal with a letter of transmittal containing all pertinent information required for identification and checking of submittals.
- .4 When submittals are resubmitted for any reason, transmit under a new letter of transmittal.
- .5 Do not carry out work which requires submittals until submittals have been reviewed by the Engineer.

### 2.0 SHOP DRAWINGS, TEMPLATES AND MANUALS

- .1 Prepare shop drawings which the Engineer considers necessary to show details of the work to be provided in relation to adjacent work of other contracts. Clearly identify shop drawings by title and Contract, name and reference to applicable Engineer's drawings. Notify the Engineer in writing of changes made from the Contract Documents.
- .2 Submit in accordance with the Contract Schedule not less than Four (4) copies of shop drawings to the Engineer for his review, Two (2) of the copies will be returned by the Engineer, stamped to indicate that the shop drawings have been reviewed, and with comments added where applicable. If shop drawings are illegible, obscure or incomplete, they may be returned by the Engineer marked "not reviewed", and such shop drawings are to be properly redrawn and resubmitted.

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- .3 Make changes in shop drawings which the Engineer may require consistent with the Contract, and resubmit as before. Ensure work and units supplied conform to final shop drawings.
- .4 The Engineer's review of shop drawings does not relieve the Contractor of his responsibility for detail design inherent in shop drawings, correctness of dimensions and details and conformity to the Contract Documents.
- .5 Supply drawings, models, templates and special instructions or manuals called for in the Specifications, or required for the proper installation of the parts shown and conform to the intent of the Contract Documents.

**3.0 INTENT**

- .1 Before delivery of materials to the site, submit samples of materials as required by sections of the specifications or if so requested by the Engineer for his approval.
- .2 Samples must represent physical examples to illustrate materials, equipment or workmanship and to establish standards by which completed work is judged.
- .3 After approval, samples may be used in construction of the project.
- .4 Locate field samples on the project site at locations acceptable to the Engineer.
- .5 Construct each sample or mock-up complete, including work of all trades required in finished work.

**4.0 SCHEDULES**

- .1 Submit proposed construction schedules in accordance with the requirements specified in Article 10 of the General Conditions, and Section 01005.

**5.0 MANUFACTURER'S INSTRUCTIONS**

- .1 Submit manufacturer's instructions when required to supplement the specifications, for the assembly and installation of specific materials or equipment. Obtain the approval of the Engineer before commencing such work.
- .2 Provide copies of such approved instructions to each crew working on the items affected.
- .3 Manufacturer's instructions only apply to particular requirements relative to the manufacturer's products and are in addition to the specifications. Do not interpret or apply such instructions to limit the work or responsibilities, the Contract Documents take precedence in all cases.

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**6.0 CERTIFICATION OF TRADESMEN**

- .1 Provide certificates, at the request of the Engineer, to establish qualifications of personnel employed on the work where such certification is required by authorities having jurisdiction, by the Owner or by the Contract Documents.

**7.0 WARRANTIES**

- .1 Submit warranties as requested in sections of Specifications and in accordance with the General Conditions.

**END OF SECTION**