

1 General

- .1 This section specifies general requirements and procedures for contractors submissions of shop drawings, product data and samples to Engineer for review. Additional specific requirements for submissions are specified in the individual sections of these specifications.
- .2 Number of Shop Drawings: submit sufficient copies of shop drawings which are required by the General Contractor and sub-contractors plus 3 copies which will be retained by Departmental Representative. Ensure sufficient numbers are submitted to enable one complete set to be included in each of the maintenance manuals specified in 26 05 01.
- .3 Provide, within ten working days, in form acceptable to Departmental Representative, a schedule of all shop drawings to be submitted for project. Track all submissions.
- .4 Do not proceed with work until relevant submissions are reviewed by Departmental Representative.
- .5 Present shop drawings, product data, and samples in SI Metric units.
- .6 Where items or information is not produced in SI Metric units converted values are acceptable.
- .7 Contractor's responsibility for errors and omissions in submission is not relieved by Departmental Representative's review of submissions.
- .8 Notify Departmental Representative, in writing at time of submission, identifying deviations from requirements of Contract Documents stating reasons for deviations.
- .9 Contractor's responsibility for deviations in submission from requirements of Contract Documents is not relieved by Departmental Representative's review of submission, unless Departmental Representative gives written acceptance of specific deviations.

1 General
(Cont'd)

- .10 Make any changes in submissions which Departmental Representative may require consistent with Contract Documents and resubmit as directed by Departmental Representative.
- .11 Notify Departmental Representative, in writing, when resubmitting, of any revisions other than those requested by Engineer.

2 Submission
Requirements

- .1 Coordinate each submission with requirements of work and Contract Documents. Individual submissions will not be reviewed until all related information is available.
- .2 Allow 7 days for Departmental Representative review of each submission.
- .3 Accompany submissions with transmittal letter, in duplicate, containing:
 - .1 Date.
 - .2 Project title and number.
 - .3 Contractor's name and address.
 - .4 Identification and quantity of each shop drawing, product data and sample.
- .4 Submissions shall include:
 - .1 Date and revision dates.
 - .2 Project title and number.
 - .3 Name and address of:
 - .1 Subcontractor.
 - .2 Supplier.
 - .3 Manufacturer.
 - .4 Contractor's stamp, signed by Contractor's authorized representative certifying approval of submissions, verification of field measurements and compliance with Contract Documents.
 - .5 Details of appropriate portions of Work as applicable:
 - .1 Fabrication
 - .2 Layout, showing dimensions, including identified field dimensions, and clearances.
 - .3 Setting or erection details.
 - .4 Capacities.
 - .5 Performance characteristics.
 - .6 Standards.
 - .7 Operating weight.

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- 2 Submission Requirements (Cont'd) .4 Submissions shall include: (Cont'd)
- .5 (Cont'd)
 - .8 Wiring diagrams.
 - .9 Single line and schematic diagrams.
 - .10 Relationship to adjacent work.
- 3 Shop Drawings .1 Shop drawings: opaque diazo prints or photocopies of original drawings, or modified standard drawings provided by Contractor, to illustrate details of portions of Work, which are specific to project requirements.
- .2 Maximum sheet size: 1000 x 707 mm.
- 4 Product Data .1 Product data: manufacturers catalogue sheets, brochures, literature, performance charts and diagrams, used to illustrate standard manufactured products. NOTE: only full color brochures are acceptable when submitting brochures. Non or poorly legible photocopies or facsimiles of photocopies of brochures, catalogue sheets, manufacturer's literature, etc., will not be accepted and will be returned not reviewed.
- .2 Delete information not applicable to project.
- .3 Supplement standard information to provide details applicable to project.
- .4 Cross-reference product data information to applicable portions of Contract Documents.
- 5 Samples .1 Samples: examples of materials, equipment, quality, finishes, workmanship.
- .2 Where colour, pattern or texture is criterion, submit full range of samples.
- .3 Reviewed and accepted samples will become standard of workmanship and material against which installed work will be verified.
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6 Shop Drawings
Review

- .1 The review of shop drawings by Departmental Representative or its authorized consultant, is for the sole purpose of ascertaining conformance with the general concept. This review shall not mean that Departmental Representative approves the detail design inherent in the shop drawings, responsibility for which shall remain with the Contractor, submitting same, and such review shall not relieve the Contractor of responsibility for errors or omissions in the shop drawings or of responsibility for meeting all requirements of the construction and contract documents. Without restricting the generality of the foregoing, the Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of the work of all sub-trades.