

SECTION 01600 - MATERIAL

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SECTION 01600 - MATERIAL

PART 1 - GENERAL

1.01 WORK INCLUDED

A. Material incorporated into the work:

1. Conform to applicable specifications and standards.
2. Comply with size, make, type and quality specified, or as specifically accepted in writing by the City.
3. Manufactured and Fabricated Products:
 - a. Design, fabricate and assemble in accord with the best engineering practices.
 - b. Manufacture like parts of duplicate units to standards sizes and gages, to be interchangeable.
 - c. Two or more items of the same kind shall be identical, by the same manufacturer.
 - d. Products shall be suitable for service conditions.
 - e. Equipment capacities, sizes and dimensions shown or specified shall be adhered to unless variations are specifically accepted in writing.
4. Do not use material for any purpose other than that for which it is designed or is specified.

1.02 RELATED REQUIREMENTS

- ##### A. Section 01340, “*Submittals*”

1.03 REFERENCE STANDARDS

Not used

1.04 QUALITY ASSURANCE

Not used

1.05 MEASUREMENT AND PAYMENT

Not used

PART 2 – PRODUCTS

Not used

PART 3 – EXECUTION

3.01 MANUFACTURER’S INSTRUCTIONS

- A. When Contract Documents require that installation of work shall comply with manufacturer’s printed instructions, obtain and distribute copies of instructions to parties involved in the installation, including five (5) copies to the City. The City will not return any copies to the Contractor.
 - 1. Maintain one set of complete instructions at the job site during installation and until completion.
- B. Handle, install, connect, and adjust products in strict accord with such instructions and in conformity with specified requirements.
 - 1. Should job conditions or specified requirements conflict with manufacturer’s instruction, consult with the City for further instructions.
 - 2. Do not proceed with work without written instructions.
- C. Perform work in accord with manufacturer’s instructions. Do not omit any preparatory step or installation procedure unless specifically modified or exempted by Contract Documents.

3.02 TRANSPORTATION AND HANDLING

- A. Arrange deliveries of products in accord with construction schedules, coordinate to avoid conflict with work and conditions at the site.
 - 1. Deliver products in undamaged condition, with identifying labels intact and legible.
 - 2. Immediately on delivery, inspect shipment to assure compliance with requirements of Contract Documents and approved submittals, and that products are properly protected and undamaged.
- B. Provide equipment and personnel to handle products by methods to prevent damage to products.

3.03 STORAGE AND PROTECTION

- A. Store products in accord with manufacturer’s instructions.
 - 1. Store products subject to damage by the elements in weathertight enclosures.

2. Maintain temperature and humidity within the ranges required by manufacturer's instructions.
- B. Exterior Storage:
1. Store fabricated products above the ground, on blocking skids, prevent soiling or staining.
 2. Store loose granular materials in a well-drained area on solid surfaces to prevent mixing with foreign matter.
- C. Arrange storage in a manner to provide easy access for inspection. Make periodic inspections of stored products to assure that products are maintained under specified conditions, and free from damage.
- D. Protection after Installation
1. Provide substantial coverings as necessary to protect installed products from damage from traffic and subsequent construction operations. Remove when no longer needed.

3.04 SUBSTITUTION AND PRODUCT OPTIONS

A. Products List:

1. Submit to the City a complete list of products proposed to be used, with the name of the manufacturer and the installing subcontractor, as specified in Section 01340, "*Submittals.*"

End of Section