**SECTION 01600**

**MATERIAL AND EQUIPMENT**

#### PART 1 - GENERAL

* 1. REQUIREMENTS INCLUDED

#### Material and equipment incorporated into the work:

* + - 1. Conform to applicable specifications and standards.

#### Comply with size, make, type and quality specified, or as specifically approved, in writing, by the Engineer.

* + - 1. Manufactured and Fabricated Products:

#### Design, fabricate and assemble in accord with the best engineering and shop practices.

* + - * 1. Manufacture like parts of duplicate units to standard sizes and gages, to be interchangeable.

#### Two or more items of the same kind, such as gates, exhaust system, shall be identical, by the same manufacturer.

* + - * 1. Products shall be suitable for service conditions.

#### Do not use material or equipment for any purpose other than that for which it is designed or is specified.

* 1. RELATED REQUIREMENTS

#### Conditions of the Contract

* + 1. Section 01010: Summary of Work

#### Section 01340: Shop Drawings, Product Data, and Samples

* 1. TRANSPORTATION AND HANDLING

#### Arrange deliveries of products in accordance with construction schedules; coordinate with Owner to avoid conflict with work and conditions at the site.

* + - 1. Deliver products in undamaged condition.

#### Immediately upon delivery, inspect shipments to assure compliance with requirements of Contract Documents and approved submittals, and that products are properly protected and undamaged.

* + 1. Provide equipment and personnel to handle delivery, off- loading and storage of fabricated assemblies by methods to prevent stressing or damage to assemblies.

#### STORAGE AND PROTECTION

* + 1. Store fabricated items in accordance with best workmanship practices, and adequate spacing between item assemblies so that others may access storage site to remove any item from storage site without having to move other items in storage.

#### Store products subject to damage by the elements in weathertight enclosures.

#### Exterior Storage

* + - 1. Store fabricated products above the ground, on blocking or skids, prevent stressing or staining. Cover products which are subject to deterioration with impervious sheet coverings, provide adequate ventilation to avoid condensation.
    1. Arrange storage in a manner to provide easy access for inspection. Contractor and Owner shall perform joint periodic monthly inspections of stored fabricated assemblies to assure that assemblies are maintained under specified conditions, and free from damage or deterioration.

#### SUBSTITUTIONS AND PRODUCT OPTIONS

* + 1. Products List

#### Within 30 days after contract date, Contractor shall submit to the Engineer a complete list of shop drawings to be used to fabricate all catwalk assemblies, brackets and bracing.

#### END OF SECTION