SECTION 01 6000
PRODUCT REQUIREMENTS

PART 1 - GENERAL

1.1 COMMON PRODUCT REQUIREMENTS

A. Provide products that comply with Contract Documents, that are undamaged, and, unless otherwise indicated, new and unused at time of installation. Provide products complete with accessories, trim, finish, safety guards, and other devices and details needed for complete installation and for intended use and effect.

B. Except for required labels and operating data, do not attach or imprint manufacturer's or producer's nameplates or trademarks on surfaces of products that will be exposed to view in occupied spaces or on building exterior.
   1. Locate required product labels and stamps on concealed surface or, where required for observation after installation, on accessible surface that is not conspicuous.
   2. Provide permanent nameplates on items of service-connected or power-operated equipment. Locate on easily accessible surface that is inconspicuous in occupied spaces. Nameplate will contain following information and other essential operating data:
      a. Name of product and manufacturer.
      b. Model and serial number.
      c. Capacity.
      d. Speed.
      e. Ratings.

C. Where specifications describe a product or assembly by specifying exact characteristics required, with or without use of brand or trade name, provide product or assembly that provides specified characteristics and otherwise complies with Contract requirements.

D. Where Specifications require compliance with performance requirements, provide products that comply with these requirements and are recommended by manufacturer for application described. General overall performance of product is implied where product is specified for specific application. Manufacturer's recommendations may be contained in published product literature, or by manufacturer's certification of performance.

E. Where specifications only require compliance with an imposed code, standard, or regulation, select product that complies with standards, codes or regulations specified.

F. Where Specifications require matching an established Sample, Architect's decision will be final on whether proposed product matches satisfactorily. Where no product available within specified category matches satisfactorily nor complies with other specified requirements, refer to Architect.

G. Where specified product requirements include phrase `... as selected from manufacturer's standard colors, patterns, textures ...' or similar phrase, select product and manufacturer that comply with other specified requirements. Architect will select color, pattern, and texture from product line selected.

H. Refer to individual Specification Sections and Allowance provisions in Division 01 for allowances that control product selection, and for procedures required for processing such selections.

I. Remove and replace products and materials not specified in Contract Documents but installed in the Work with specified products and materials at no additional cost to Owner and for no increase in Contract time.
1.2 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle products according to manufacturer's recommendations, using means and methods that will prevent damage, deterioration, and loss, including theft.

B. Schedule delivery to reduce long-term storage at site and to prevent overcrowding of construction spaces.

C. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.

D. Deliver products to site in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.

E. Inspect products upon delivery to ensure compliance with Contract Documents, and to ensure that products are undamaged and properly protected.

F. Store products at site in manner that will simplify inspection and measurement of quantity or counting of units.

G. Store heavy materials away from Project structure so supporting construction will not be endangered.

H. Store products subject to damage by elements above ground, under cover in weathertight enclosure, with ventilation adequate to prevent condensation. Maintain temperature and humidity within range required by manufacturer's instructions.

PART 2 - PRODUCTS

2.1 PRODUCT OPTIONS

A. When option of selecting between two or more products is given, product selected will be compatible with products previously selected, even if previously selected products were also options.

B. Non-conforming work as covered in Article 12.3 of General Conditions applies, but is not limited, to use of non-specified products or manufacturers.

C. Product selection is governed by Contract Documents and governing regulations, not by previous Project experience. Procedures governing product selection include:

1. Substitutions And Equal Products:
   a. Generally speaking, substitutions for specified products and systems, as defined in the Uniform Commercial Code, are not acceptable. However, equal products may be approved upon compliance with Contract Document requirements.
   b. Approved Products / Manufacturers / Suppliers:
      1) Category One:
         a) Owner has established 'Value Managed Relationships' that extend beyond requirements of this Project. No substitutions or equal products will be allowed on this Project.
         b) Follow specified procedures to preserve relationships between Owner and specified manufacturers / suppliers and advantages that accrue to Owner from those relationships.
      2) Category Two:
         a) Owner has established National Contracts that contain provisions extending beyond requirements of this Project. No substitutions or equal products will be allowed on this Project.
         b) Follow specified procedures to preserve relationships between Owner and specified manufacturers / suppliers and advantages that accrue to Owner from those relationships.
3) Category Three:
   a) Specified products are provided to Church Projects under a National Account Program. Use these products to preserve advantages that accrue to Owner from those programs. No substitutions or equal products will be allowed on this Project.

4) Category Four:
   a) Provide only specified products available from manufacturers listed. No substitutions, private-labeled, or equal products, or mixing of manufacturers’ products is allowed on this Project.
   b) In Sections where lists recapitulating Manufacturers previously mentioned in Section are included under heading ‘Manufacturers’ or ‘Approved Manufacturers’, this is intended as a convenience to Contractor as a listing of contact information only. It is not intended that all manufacturers in list may provide products where specific products and manufacturers are listed elsewhere in Section.

   c. Acceptable Products / Manufacturers / Suppliers:
      1) Type One: Use specified products / manufacturers unless approval to use other products / manufacturers has been obtained from Architect by Addendum.
      2) Type Two: Use specified product / manufacturer unless approval to use other products and manufacturers has been obtained from Architect in writing before installing or applying unlisted or private-labeled products.
      3) Use ‘Equal Product Approval Request Form’ to request approval of equal products, manufacturers, or suppliers before bidding or before installation, as noted in individual Sections.

d. Quality Standard Products / Manufacturers:
   1) Class One: Use specified product / manufacturer or equal product from specified manufacturer only.
   2) Class Two: Use specified product / manufacturer or equal product from any manufacturer.
   3) Products / manufacturers used shall conform to Contract Document requirements.

2.2 OWNER SUPPLIED PRODUCTS

A. Install items furnished by Owner or receive and store in safe condition items purchased directly by Owner according to requirements of Contract Documents.
   1. Rostrum Casework:
   2. Windows:
   3. Chalkboards, Markerboards, Tackboards, Display Cases:
   4. Interior Signage:
   5. Safety Wainscot:
   6. Volleyball Equipment:
   7. Scoreboards:
   8. Baby Changing Station:
   9. Projection Screens:

B. Administrative Requirements:
   1. General:
      a. Review ‘Contractor Notification Report’ listing Owner-furnished products to be delivered for Project.
         1) Review delivery dates and vendor lead times for each item and coordinate with construction schedule. Immediately report recommended changes to Owner’s Purchasing Coordinator listed in “Contractor Notification report.” Contact vendors directly if changes to delivery dates become necessary during construction.
         2) Report problems in coordinating delivery dates with construction schedule to Architect and Owner’s Purchasing Coordinator.
      b. Receive and unload Owner-furnished materials and products.
         1) Provide labor and equipment necessary to receive, unload, and store materials and products.
         2) Verify that number of packages received matches number listed on bill of lading.
         3) Check for external damage.
4) Note discrepancies between pieces received and pieces listed on bill of lading as well as instances of visible damage on bill of lading before signing. Include Project Name and Project Number on bill of lading.

5) Store and protect deliveries. Report deliveries made outside of delivery schedule to Owner’s Purchasing Coordinator.

c. Within 24 hours of delivery:
   1) Open and inspect each piece of freight delivered. Note concealed damage not observed at time of delivery.
   2) Compare 'Contractor Notification Report' with packing slips. Note discrepancies in number, size, color, model numbers, etc.
   3) Deliver bills of lading on which loss or damage is recorded, or copy, to Owner’s Purchasing Coordinator together with report of concealed damage and discrepancies.
   4) Notify Owner's Purchasing Coordinator immediately of damage and discrepancies.

d. As directed by Owner, either repair or replace shortages and damage not recorded and reported as specified above at no additional cost to Owner.

PART 3 - EXECUTION - Not Used

END OF SECTION