1. **General**
   1. **Summary**
      1. Related Documents
         1. Drawings and general provisions of the Subcontract apply to this Section.
         2. Review these documents for coordination with additional requirements and information that apply to the work under this section.
      2. Section Includes
         1. Toilet partition: TOILET CUBICLES WITH ALUMINUM FRAME AND PEDESTAL SUPPORT (Bobrick Evolve).
   2. **References**
      1. General
         1. The following documents form part of the Specifications to the extent stated. Where differences exist between codes and standards, the one affording the greatest protection shall apply.
         2. Refer to Division 01 Section "General Requirements" for the list of applicable regulatory requirements.
   3. **Submittals**
      1. Submit shop drawings/product data sheets for all products specified in Part 2 of this Section.
         1. Include manufacturer's data sheets.
         2. Include finishes, hardware, construction options.
         3. Include small scale floor plan showing casework in relation to the building.
         4. Include large scale elevations and plan views.
         5. Include cross-sections; service runs; locations of blocking within walls.
         6. Show anchorage locations and accessory items.
         7. Verify dimensions with field measurements prior to final production of Partitions.
   4. **Quality Assurance**
      1. All materials shall meet or exceed all applicable referenced standards, federal, state and local requirements, and conform to codes and ordinances of authorities having jurisdiction.
      2. Manufacturer: Provide products manufactured by a company with a minimum of 10 years successful experience manufacturing similar products.
      3. Installer Qualifications: Minimum 2 year experience installing similar products.
      4. Single Source Requirements: To the greatest extent possible provide products from a single manufacturer.
      5. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA and ICC/ANSI A117.1 requirements as applicable.
   5. **Pre-Installation Meetings**
      1. Convene minimum two weeks prior to starting work of this section.
   6. **Delivery, Storage, and Handling**
      1. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
      2. Handling: Handle materials to avoid damage.
   7. **Project Conditions**
      1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
   8. **Sequencing**
      1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
   9. **Warranty**
      1. Evolve: Manufacturer’s standard 10 year warranty for material and workmanship. Manufacturer’s standard 10 year guarantee against defects in material and workmanship for door hardware, frame, and mounting brackets.
2. **Products**
   1. **Manufacturers**
      1. Acceptable Manufacturer: Bobrick Washroom Equipment, Inc., which is located at: 6901 Tujunga Ave.; North Hollywood, CA 91605-6213; Tel: 818-764-1000; Fax: 818-765-2700; Email:info@bobrick.com; Web:www.bobrick.com
      2. Basis of Design Products: Based on the quality and performance requirements of the project, specifications are based solely on the products of Bobrick Washroom Equipment, Inc. www.bobrick.com. Location of manufacturing shall be the United States.
      3. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
   2. **TOILET CUBICLES WITH ALUMINUM FRAME AND PEDESTAL SUPPORT (Bobrick Evolve)**
      1. Height:
         1. Standard Height: Overall height from finished floor to top of headrail is 82 5/16-inches (2090 mm) consisting of 9-inch (229 mm) floor clearance, 71 5/16-inch (1811 mm) ­
         2. Floor Clearance: 9 inches (229 mm).
      2. Frame:
         1. Headrail: Secured to the top of the fascia for stability. Mounting Brackets and Fasteners: Clear anodized aluminum U-Channel brackets.
      3. Privacy:
         1. Full-length clear anodized aluminum frame provides built-in, no-sightline privacy on hinge and keeping-sides of the door. Continuous clear anodized aluminum U-Channels fasten divider and fascia panels to the wall.
      4. Partitions:
         1. Mounting Configuration:
            1. Toilet Compartments: Floor-anchored, Overhead-braced toilet cubicles.
      5. Materials:
         1. Substrate Material: Compact Grade Laminate (Phenolic Black Core). Solidly fused plastic laminate with matte-finish melamine surfaces; integrally bonded colored face sheets and black phenolic-resin core.
         2. Edges: Black; brown edges not acceptable.
      6. Finished Thickness:
         1. Fascia Panels/Doors/Panels: 1/2 inch (13 mm).
      7. Color:
         1. To be determined.
         2. Optional Dividing Panel Size: Panel up to 72-inches (1829 mm) deep to be one-piece panels [European-sourced CGL only. Please consult Bobrick or Bobrick Sales Representative on standard colors and recommended manufacturers].
      8. Fire Resistance:
         1. Class A. Flame Spread Index (ASTM E 84): No more than 25 for panels, doors, and fascia panels. Smoke Developed Index (ASTM E 84): No more than 450 for panels, doors, and fascia panels. National Fire Protection Association/International Building Code Interior Wall and Ceiling Finish: Class A. Uniform Building Code: Class I.
      9. Hardware:
         1. Compliance: Door handle is operable with one hand, without tight grasping, pinching, or twisting of the wrist, and force to operate does not exceed 5 pounds. Keyed Emergency Access: Latch allows door to be opened from the outside of the compartment with a 3mm Allen Wrench in emergency release slot in the indicator.
         2. Fastening: Hardware secured to door and fascia by stainless steel sheet metal screws.
         3. Robe hook: Clear anodized aluminum in matte finish.
         4. Occupancy indicator: Clear anodized aluminum circular escutcheon with red and white indicator.
         5. Locking: clear anodized aluminum door handle locates directly into the vertical keeping extrusion. Integral rubber door bumper cushions doors when closing.
         6. Door Hardware and Pedestal: clear anodized aluminum.
         7. Standard: Clear anodized aluminum pedestal secured beneath door incorporates a spring closing mechanism, creating a soft door close and includes (+/-) 1-inch (25 mm) adjustment.
         8. Standard: Cylindrical pedestal supports divider panels and maintains a 9-inch (229 mm) high floor clearance under fascia panel and side divider panels and includes (+/-) 1-inch (25 mm) adjustment.
      10. Basis of Design:
          1. Bobrick Evolve Toilet Cubicles.
3. **Execution**
   1. **Preparation**
      1. Prepare substrates including but not limited to blocking and supports in walls at points of attachment using methods recommended by the manufacturer for achieving the best result for the substrates under the project conditions.
         1. Inspect areas scheduled to receive compartments for correct dimensions, plumbness of walls, and soundness of surfaces that would affect installation of mounting brackets.
         2. Verify spacing of plumbing fixtures to assure compatibility with installation of compartments.
      2. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer’s recommended installation tolerances and conditions.
      3. Do not proceed with installation until substrates have been properly prepared with blocking and supports in walls at points of and deviations from manufacturer’s recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
   2. **Installation**
      1. Install products in strict compliance with manufacturer’s written instructions and recommendations, including the following:
         1. Verify blocking and supports in walls have been installed properly at points of attachment.
         2. Verify location does not interfere with door swings or use of fixtures.
         3. Use fasteners and anchors suitable for substrate and project conditions.
         4. Install units rigid, straight, plumb, and level.
         5. Conceal evidence of drilling, cutting, and fitting to room finish.
         6. Test for proper operation.
   3. **Adjusting, Cleaning and Protection**
      1. Adjust hardware for proper operation after installation. Verify that doors self-close and when from the 90-degree position, the door closes in no fewer than 4 seconds.
      2. Touch-up, repair or replace damaged products.
      3. Clean exposed surfaces of compartments, hardware, and fittings.

**End of Section**

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