SECTION 10 2113

‘ALL-GLASS’ RESTROOM/TOILET PARTITIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:
   1. Glass toilet enclosures and related hardware

B. Related Sections:
   1. Division 05 Section "Metal Fabrications" for supports that attach floor-and-ceiling-anchored compartments to overhead structural system.
   2. Division 06 Section "Rough Carpentry" for blocking.
   3. Division 08 Section “Glazing” for Glass Panels in Bathroom Partition System.
   4. Division 10 Section "Toilet, Bath, and Laundry Accessories" for grab bars, and similar accessories.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.

B. Shop Drawings: For toilet compartments. Include plans, elevations, sections, details, and attachments to other work.
   1. Elevations at 1/4-inch scale.
   2. Detail sections of fittings.
   3. Show locations of cutouts for compartment-mounted toilet accessories.
   4. Show locations of reinforcements for compartment-mounted grab bars.
   5. Show locations of centerlines of toilet fixtures.
   6. Show overhead support or bracing locations.

C. Samples for Initial Selection: For each type of unit indicated. Include Samples of hardware and finishes (As selected by Architect).
D. Samples for Verification: For the following products, in manufacturer’s standard sizes unless otherwise indicated:

1. Each type of material, color, and finish required for units, prepared on 6-inch- (152-mm-) square Samples of same thickness and material indicated for work showing the edge conditions.
2. Each type of hardware and accessory.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For toilet compartments to include in maintenance manuals.

1.5 QUALITY ASSURANCE

A. Regulatory Requirements: Comply with applicable provisions in the "Americans with Disabilities Act (ADA) and ICC/ANSI A117.1 for toilet compartments designated as accessible.
B. Components and Installation are to be in accordance with state and local building codes.
C. All components and fittings are furnished by the same manufacturer.

1.6 PROJECT CONDITIONS

A. Field Measurements: Verify actual locations of toilet fixtures, walls, columns, ceilings, and other construction contiguous with toilet compartments by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay of the work and possible damage to the finished product.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Basis of design: Design is based on Frameless ‘All-Glass’ Restroom Partition System, manufactured by:

C.R. Laurence Co., Inc. (CRL)
Tel: (800) 421-6144 Fax: (800) 458-7496
Email: showers@crlaurence.com

2.2 MATERIALS -STRUCTURAL GLASS PARTITIONS HARDWARE

A. Brass Hinges
B. Stainless Steel Posts
C. Brass Wall Brackets  
D. Brass Slide-Bolt Lock  
E. Brass Stop Plate  
F. 1/2” (12 mm) Thick Tempered Glass (Supplied By Others)  

2.3 Floor-and-ceiling-anchored mounting style. If ceiling-hung units are required, consult manufacturers for recommendations and to verify availability.  
A. Toilet-Enclosure Style: Floor and ceiling anchored.  
B. Door, and Panel Construction: Tempered Glass, not less than 1/2 inch (12 mm) thick, with polished edges, and with homogenous color and pattern throughout material.  
1. Integral Hinges: Configure doors and panels to receive integral hinges.  
2. Color and Pattern: One color and pattern in each room as selected by Architect from manufacturer's full range.  

C. Brackets (Fittings):  
1. Wall Brackets to match style of Hinges  

D. Overhead Cross Bracing for Ceiling-Hung Units: As recommended by manufacturer  

2.4 ACCESSORIES  
A. Hardware and Accessories: Manufacturer’s heavy-duty operating hardware and accessories. (Finish to be specified by Architect).  
1. Material: polished brass.  
2. Hinges: Vienna or Cologne Series by C.R. Laurence (Must Specify)  
3. Latch and Keeper: Matching GE90SCA or P190SCA Series by C.R. Laurence  
4. Coat Hook (Optional): DRH1 Series Coat Hook by C.R. Laurence  

B. Anchorages and Fasteners: Manufacturer's standard exposed fasteners of stainless steel or chrome-plated steel or brass, finished to match the items they are securing. For concealed anchors, use stainless steel, hot-dip galvanized steel, or other rust-resistant, protective-coated steel.  

2.5 FABRICATION  
A. Floor-and-Ceiling-Anchored Units: Provide manufacturer's standard corrosion-resistant anchoring assemblies.  
B. Door Size and Swings: Unless otherwise indicated, provide a minimum 32 inch (813 mm) wide, clear opening for compartments designated as accessible. NOTE: Doors are to be in-swing only.
PART 3 - EXECUTION

3.1 INSTALLATION

A. General: Comply with manufacturer's written installation instructions. Install units rigid, straight, level, and plumb. Secure units in position with manufacturer's recommended anchoring devices.

B. Floor-and-Ceiling-anchored Units: Secure posts to supporting construction and level, plumb, and tighten. Hang doors and adjust so doors are level and aligned with panels when doors are in closed position.

3.2 ADJUSTING

A. Hardware Adjustment: Adjust and lubricate hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to return doors to fully closed position.

END OF SECTION 10 2113