SECTION 10100

VISUAL DISPLAY BOARDS

PART 1 - GENERAL

1.1 SUMMARY

A. This section provides standards for visual display boards.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS

A. Chalk Boards:

1. Consult with the UC Denver Project Manager and UC Denver Educational Support Services for chalk board use.

B. Marker Boards:

1. Consult with the UC Denver Project Manager and UC Denver Educational Support Services for marker board use.

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE

A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY

A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

2.2 MATERIALS, GENERAL

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION, GENERAL

3.3 TESTING, CLEANING, AND CERTIFICATION

3.4 COMMISSIONING (DEMONSTRATION)
3.5 SCHEDULES

END OF SECTION
SECTION 10160

TOILET COMPARTMENTS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections, apply to work of this section.

1.02 SECTION INCLUDES

A. Metal toilet compartments

B. Urinal screens

1.03 RELATED SECTIONS

A. Section 06100 – Rough Carpentry: Concealed wood framing and blocking for compartment support.

B. Section 10800 – Toilet Accessories.

1.04 REFERENCES

A. ASTM A 653/A – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) By the Hot-Dip Process; 2001a.

B. ASTM A 666 – Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2000.

SUBMITTALS

A. See section 01310 – Submittals, for submittal procedures.

B. Shop Drawings: Indicate partition plan, elevation views, dimensions, details of wall, floor, and ceiling supports, door swings.

1. Show locations of cut-outs for compartment mounted toilet accessories.

2. Show locations of reinforcements for compartment mounted grab bars.

C. Product data: Provide data on panel construction, hardware, and accessories.

1.06 WARRANTY

A. Manufacturer shall guarantee its coated units against chipping, flaking, cracking, or discoloration for 3 years from the date of substantial completion. If materials are found defective during that period for the reasons listed above, the materials are to be replaced at no charge.

1.07 PROJECT CONDITION

A. Coordinate the work with placement of support framing and blocking in walls and ceilings.

B. Coordinate wall, floor, ceiling, and other contiguous construction to ensure that actual dimensions correspond to dimensions established for fabrication.
PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Metal Toilet Compartments:
   
   1. Baked Enamel Finish
      
      b. General Partitions Mfg. Corp.  www.genpartitions.com
      c. Sanymetal;  www.sanymetal
      d. Hadrian Mfg. Inc.

2.02 MATERIALS

A. Steel Sheet:  Hot-dipped galvanized steel sheet, ASTM A 653/A 653M, with G90/Z275 coating.

2.03 COMPONENTS

A. Toilet compartments: Baked enameled steel, floor-mounted headrail-braced.

B. Doors, Panels, and Pilasters:  Sheet steel faces, pressure bonded to sound deadening core, formed and closed edges, mitered and welded corners ground smooth.

2. Door Faces:  22 gage.
4. Reinforcement:  12 gage.
5. Internal Reinforcement: Provide in areas of attached hardware and fittings. Mark locations of reinforcement for partition mounted washroom accessories.

C. Door and Panel Dimensions:

1. Thickness:  1 inch.
2. Door Width:  24 inch.
3. Door Width for Handicapped Use:  34 inch, out-swinging.

C. Pilasters:  1 ¼ inch thick, of sizes required to suit compartment width and spacing.

D. Urinal Screens: Wall mounted with two panel brackets and floor-to-ceiling vertical upright consisting of pilaster anchored to floor and ceiling.

2.04 ACCESSORIES

A. Pilaster Shoes:  Formed ASTM A 666, Type 304 stainless steel with No. 4 finish, 20 gage, 3 inch high, concealing floor fastenings.

1. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster.

B. Head Ralls: Manufacturer’s standard continuous extruded aluminum head rail with anti-grip profile, in manufacturer’s standard finish.

C. Brackets:  Polished chrome-plated non-ferrous cast metal.
D. Attachments, Screws, and Bolts: Stainless steel, tamper proof type.
   1. For attaching panels and pilasters to brackets: Through-bolts and nuts, tamper proof.

E. Hardware: Polished chrome plated non-ferrous cast metal:
   1. Pivot hinges, gravity type, adjustable for door close positioning; two per door.
   2. Nylon bearings
   3. Thumb turn door latch with exterior emergency access feature.
      a. Provide ADA compliant paddle-type turn at accessible stalls.
   4. Door strike and keeper with rubber bumper; mounted on pilaster in alignment with door latch.
   5. Coat hook with rubber bumper; one per compartment, mounted on door.
   6. Provide door pull for out-swinging doors.

2.05 FINISHING

A. Finish: Manufacturer’s standard pigmented organic coating, including thermosetting, electrostatically applied, and powder coatings. Provide coating system that complies with coating manufacturer’s written instructions for pre-treatment, application, baking, and minimum dry film thickness.

B. Color: One color in each room as selected by Architect from manufacturer’s full range of colors.

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION, GENERAL

3.3 TESTING, CLEANING, AND CERTIFICATION

3.4 COMMISSIONING (DEMONSTRATION)

3.5 SCHEDULES

END OF SECTION
SECTION 10400
BUILDING INTERIOR SIGNAGE

PART 1 – GENERAL

1.1 SUMMARY

A. This section addresses building interior signage standards for the following categories: Way Finding, Safety/Code Compliance, and Notices and Displays.

B. All interior signs shall be included within the construction contract. Interior signage shall be reviewed and approved by UC Denver Facilities Operations through the UC Denver Project Manager.

C. UC Denver Facilities Projects, through the UC Denver Project Manager, will assign room numbers. The A/E shall request numbering of rooms during the Design Development Phase.

D. Proposed signage shall be reviewed by UC Denver Fac. BMO rep. through the UC Denver Project Manager. In the case of renovation projects, existing signage will be updated to meet current standards.

E. Systems performance requirements Section 1.3 generally applies to all Anschutz Medical Campus buildings and new buildings on the Downtown Campus. The signage system will be customized with input from Facility Fac. Ops, the building administrator through the UC Denver Project Manager.

F. Lawrence Street Center and CU Denver Building signage should match existing building signage.

1.2 REFERENCES

A. The most current International Building Code (IBC) adopted by the State

B. Current Americans with Disabilities Act Accessibility Guidelines (ADAAG)

C. Current Uniform Fire Code (UFC)

D. Current Life Safety Code (LSC)

1.3 SYSTEM PERFORMANCE REQUIREMENTS

A. Way Finding Signs: The intent of the interior way finding signage system is to direct visitors from the main building entrance to their destinations within the building. Five types are required in the way finding category: Directory, Directional, Room Identifications, Room Number and Restroom Identification. Reference Part 1.6.B of the UC Denver Guidelines and Standards for room numbering standards.

1. Directory: The need for a directory varies from building to building. The directory design will be considerate of the architecture of the individual building, compatible with the internal sign system prescribed and sensitive to enhancing the public image of the institution.
a. Each building shall have one main directory – to be approved through the UC Denver Project Manager.

b. The building directory should identify the administrative units occupying the building, the respective chief administrator of each unit and the room number to which the unit wants its visitors directed.

c. A site map of the campus designating location of the building on the campus will be placed with each directory.

d. Consideration shall be given to having a floor directory for each floor of multi-story buildings.

2. Directional (Type A Sign):

a. Room Ranges: Sign will be placed at each corridor junction in each building, indicating which direction to go for ranges of room number (e.g. 101-120). The system shall focus upon room numbers and symbols, and avoids the use of unit names to minimize sign system maintenance over the years.

b. Compass Direction: As each building dictates, a directional sign will be placed at the main passenger elevators on each floor providing a north, south, east or west direction.

3. Room Identification (Type B Sign): At each active corridor entrance to a room or suite, a sign will be installed with the following information: the room number, administrative unit name, the name(s) if each individual(s) working in the room, and individual’s title (this will be the department’s option). Not used for mechanical, electrical, janitorial, telecom, restrooms, or most storage rooms.

4. Room Number (Type C Sign): Where Room Identification Signs (Type B) are not installed each doorway from a corridor into a room, and each doorway from one room into an adjoining room, will have a room number sign attached to identify the specific room number assigned to the room. The room number signs will be required only on the side of the door frame that faces the entrance from the corridor. The purpose of this sign is to identify specific facility locations for recording information in facility databases, and for service units, such as Fac. Ops., ES, UP, etc. to provide service to specific locations within campus facilities. These signs are used for mechanical, electrical, janitorial, telecom, restrooms, or most storage rooms. Type C signs are also used to identify lab alcoves and lab bays.

5. Restroom Identification (Type D Sign): At the corridor side install signs to designate use as men, women or unisex. Sign information will show ADA accessible as applicable. Note: Designated Room Number for restrooms will be installed as a Type C sign.

6. Unique Door Identification (Type E Sign): Where a door number is not the same as a room number (i.e. more than one door into a room) or where doors separate portions of corridors and are not associated with a room number install signs identifying the “unique door number.

7. Exterior Door Identification (Type F Sign): At the exterior face of all exterior doors install signs on the door headers to identify the designated door number.

8. Elevator Identification (Type J Sign): At the corridor side on the elevator hoistway entrance headers install signs to identify the designated elevator number.

B. Safety/Code Compliance:
1. Elevators: Each building elevator is designated with a number. Signage shall be provided indicating the number for each elevator. Insure that the designated elevator number is used in the interior cab signage – verify at shop drawing review.

2. Exit: Signage shall be as required by code and will be provided under Division 16.

3. In Case of Fire: This signage is to indicate that in case of fire to use the stairways and not the elevators.

4. Room Capacity: Any room having an occupant load of 50 or more, as determined by the IBC, UFC and/or CBO, shall have a sign indicating the rated capacity of the room.

5. Stairs/Stairwells:
   a. Each building stairwell is assigned an identifier for locations purposes. Signage for outside the stairwell will be provided for this information and for a stair symbol.
   b. Signage for inside the stairwell will be provided for the stair identifier, the appropriate floor number and other information as to use and extent of the stair, as required by the UFC and LSC.

6. Fire Extinguishers: Each fire extinguisher shall be labeled in accordance with the UFC.

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE
   A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING
   A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY
   A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 – PRODUCTS

2.1 MANUFACTURERS
   A. Approved Manufactures: Subject to compliance with requirements, provide products by the following:
      1. ASI Sign Systems (303) 755-0997
      3. Latimer and Associates (402) 572-5055
      4. Forum Engraving Co. (303) 761-8084
      5. Or Approved Equal.
2.2 Signage Materials/Components

A. Materials and Components

1. General: ASI Interior 20 Series is established as a standard of material, quality and in the following aesthetic appearance.

2. Approved substitute products of other manufacturers will be accepted in accordance with provision of Section 01600.

a. Interior Suspended Signs:
   1) Panel Size (Both Sides): Refer to Drawings
   2) Panel Color: As selected by the Architect
   3) Letter Styles, Colors, Sizes, and Layout Position: Refer to Drawings
   4) Text or Graphic Technique: Screen process
   5) Text Schedule: Refer to Sign Schedule

b. Interior Projected Signs:
   1) Panel Size (Both Sides): Refer to Drawings
   2) Panel Color: As selected by the Architect
   3) Letter Styles, Color, Sizes and Layout Position: Refer to Drawings
   4) Text or Graphic Technique: Screen process
   5) Text Schedule: Refer to Sign Schedule

c. Interior Wall Mounted Signs:
   1) “ADA-Ready” Panels
      a) Panel Size: Refer to Drawings
      b) Panel Color: As selected by the Architect
      c) Text or Graphic Colors: As selected by the Architect
      d) Letter Styles, Color, Sizes and Layout Position: Refer to Drawings
      e) Text Schedule: Refer to Sign Schedule

      Graphic Panels:
      a) Panel Size: Refer to Drawings
      b) Panel Color: As selected by the Architect
      c) Graphic Technique: [Screen process] [LTV series vinyl letters]
      d) Letter Styles, Color, Sizes and Layout Position: Refer to Drawings
      e) Text Schedule: Refer to Sign Schedule

   2) “PaperFlex” “Inhouse” Updateable Signs:
      1) “ADA-Ready” Panels
         a) Panel Size: Refer to Drawings
         b) Panel Color: As recommended by the Architect
         c) Text or Graphic Colors: As recommended by the Architect
         d) Letter Styles, Color, Sizes and Layout Position: Refer to Drawings
         e) Text Schedule: Refer to Sign Schedule

         “PaperFlex” Modules:
         a) Fixture Color: As selected by the Architect
         b) Laser Printed Paper Insert Color: As recommended by the Architect
         c) Text Schedule: Refer to Sign Schedule

      3) Graphic Header/Footer Panels
a) Panel Size: Refer to Drawings
b) Panel Color: As recommended by the Architect

2. Fixture Aluminum Panels: Extruded aluminum, alloy AA6060, with high temperature cured polyester color coating. Provide one piece formed aluminum/photopolymer panel for ADA-Ready sizes of 3-1/4” (82.5mm) height and above.

3. Face Components:
   a. ADA-Ready Panels: Aluminum-based ASI Intouch photopolymer tactile and Braille characters with high temperature cured polyester color coating.
   b. Graphic Panels: High-strength, cold-rolled, 1/32” (0.75 mm) aluminum alloy with high temperature cured polyester coating.

4. End Clips:
   a. ASI 6” and 8” ADA-Ready Panels Extruded aluminum, alloy AA6060, with high temperature cured polyester color coating or similar.
   b. ASI Panels: Injection molded plastic or similar

5. Mounting Hardware (Wall Rails): Extruded aluminum, alloy AA6060, track-type rail mounted to wall with manufacturer recommended mechanical fasteners or similar.

B. Surface Treatment Finish: Manufacture’s standard two-phase finishing process. Colors as selected from manufacture’s standard colors.

1. Phase One: Chromatized priming with 2u depth chrome layer for optimum surface coat adhesion and weatherability.
2. Phase Two: Painting process employing two component, water-based, non-toxic, lead-free, zero emissions, high temperature cured polyester coating of 20-30u depth.

C. Way Finding Signs:
1. Directories
   a. Directories will vary in size depending upon the number of lines required. The UC Denver Project Manager, in collaboration with Building Administrator, will perform an analysis to determine the information for a building directory.

2. Type A Directional Sign: (Generally 12 ½” high by 12 ½” wide)
3. Type B Room Identification Sign: (Generally 8 ½” high by 8 ½” wide)
   a. 60 pt Helvetica tactile alpha numeric characters and Braille will be used on the “header” panel of the sign. All letters within room number text will be uppercase only.
   b. Administrative Unit Names will be printed in 60 pt. Helvetica medium. First letter of each word will be uppercase, with exception to articles within body of text (example: of, is, to.)
   c. Individual’s names will be printed in 40 pt. Helvetica medium. The first letter of each word will be in uppercase.
d. Individual’s titles will be printed in 30 pt. Helvetica medium. The first letter of each word will be in uppercase, with exception to articles within body of text (example: of, is to).

4. Type C Room Number Only Sign: (Generally 1 ½-2” high by 6” wide)
   a. Room Number information will be 60 pt. Helvetica medium. All letters within room number text will be uppercase only.
   b. Second surface silk-screened copy on 1/8” phenolic.

5. Type D Restroom Sign: (Generally 8 ½” by 8 ½” wide)
   a. Tactile text, Braille and Men/Women Symbol Plates: These will be a photopolymer with a 0.010” thick steel backing attached to the sign’s faceplate with 0.005” double-sided adhesive tape. The tactile plate will be 7” wide and 1 ½” high, and will have ¼” radius corners. The lettering will begin ¼” from the left edge of the plate, and there will be a ¼” margin above and below the characters. The Grade 2 Braille will be located to the right of the tactile room number on the plate, and not closer than ¼” to the right edge of the tactile plate. The plate will be mounted on the faceplate of the sign, ¼” away from the subsurface border at the bottom and at the left of the sign.

6. Type E Unique Door Identification Sign:
   a. 5/8” Alpha numeric font - Helvetica
   b. Vinyl die cut characters installed right justified on appropriate door header.

7. Type F Exterior Door Identification Sign: Similar to Type C

8. Type J Elevator Number Sign (Generally 1 ½-2” high by 4 - 6” wide):
   a. This sign may be similar to the Type C Sign - Second surface silk-screened copy on 1/8” phenolic.
   b. If hoistway entrance is stainless steel sign may be fabricated with stainless steel finish

C. Safety/Codes Signs:

1. Elevators: (Generally 1 ½” high by 4 ½” wide)
   a. Coordinate interior cab signage with elevator manufacturer to insure number matches UC Denver elevator number designation.

2. Exit:
   a. As provided in Division 16.

3. In Case of Fire:
   a. Same as Restrooms above without the plates, if it is not provided with the elevator call buttons cover plate.

4. Room Capacity:
   a. Same as Restrooms above, without the plates.
b. Information will be printed in 60 pt. Helvetica.

5. Stairs/Stairwells:
   a. Outside stairwells: Same as Restrooms, above, without the plates. Information will be printed in 60pt Helvetica.
   b. Inside stairwell: Same as Directional above, Information will be printed in letter sizes per the UFC.

D. Notices and Displays Signs: (Generally sized to fit 8 ½” by 11” piece of paper)

E. Colors:
   1. Colors will be assigned by the Building Administrator through the UC Denver Project Manager and will be consistent throughout the building. Refer Part 3, 3.2 Schedules below.

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION, GENERAL

A. Way Finding
   1. Type A - Directional:
      a. A1 - Directory: The directory will be placed in close proximity to building’s main entrance.
      b. A2 - Directional: Room Ranges: Two signs will be placed at each corridor junction, and located to be most readily visible to the preponderance of the traffic flow at the intersection.
      c. A3 - Compass Direction: A sign will be placed on each building floor at a highly visible point upon traffic’s exit point from the elevator(s).

   2. Type B – Room Identification (Room Number with Paper Insert):
      a. B1 - Room Number with paper insert: The sign will be mounted to the wall so that the center of the sign is 60” from the finished floor surface on the latch side of the door, with the sign edge one inch from the door frame. Where architectural constraints preclude this location, the Building Administrator will determine, through the UCD Project Manager, an alternative location.
      b. B2 - Paper Insert (no number): In cases where used for additional suite or room information this sign will be mounted directly below sign Type B1

   3. Type C – Room Number Only
      a. The sign will be mounted on the head of the doorframe, centered above the door.
      b. When used to identify lab alcoves and bays the sign will be mounted at door header height.

   4. Type D – Restroom/Unisex Toilets: The sign shall have the same mounting dimensions and location as the Room Identification sign Type B1.

   5. Type E – Unique Door Identifier:
a. Die-cut alpha numeric characters to be mounted right justified on door header on corridor side of doorway
b. On doors separating portions of corridors or between two rooms, mount on both sides of the doorway.

6. Type F – Exterior Door Unique Identifier: Similar to Type C1.

7. Type J - Elevators:
   a. Signage will be placed outside of each elevator shaft, centered on the header of the elevator door frame on each building floor.
   b. Coordinate with elevator contractor to incorporate UC Denver elevator number in cab

B. Safety/Codes Compliance:

1. Exit: Signage shall be located and mounted as required by code and Authority Having Jurisdiction (see Division 16).

2. In Case of Fire (at elevator lobby): This signage is to be mounted outside each elevator, on each floor, directly adjacent to the elevator call buttons, if it is not engraved into the call buttons cover plate.

3. In case of Fire/Emergency (at magnetic lock locations): This signage to be located next to fire alarm pull station provided at each exit controlled by a magnetic lock.

4. Room capacity: Signage will be mounted per requirements of the applicable code next to the main exit from the room.

5. Stairs/Stairwells:
   a. Outside the Stairwell: Signage shall be mounted on the wall adjacent to the door leading into the stairwell.
   b. Inside the Stairwell: Signage shall be mounted in accordance with the UFC.

C. Notices and Displays: Location(s) shall be as designated through the UC Denver Project Manager.

3.3 SCHEDULES

Refer to Schedule A below for color schemes and Schedule B for graphics and layout.

SCHEDULE A

Colors are assigned by building and will be consistent with the design scheme of the building. Color schemes will be developed on a project by project bases though the project manager.

SCHEDULE B

The following diagrams are included to provide further clarification on sign types:
Type A  Directional Sign

Example 1

Example 2

Varies depending on # of depts.
Text Example 1 - Entry to Suite Area

Text Example 2 - Entry to Suite Area

Type B1  Room Identification
Biochemistry And Molecular Genetics

Tom Blumenthal, Ph.D.
Chairman

Text Example 1-
Lab title w/ chairman name and title

Biochemistry And Molecular Genetics

Tom Blumenthal, Ph.D.
Laura M. Jackson, Ph.D.
Michael R. Palmer, Ph.D.
Jack S. Peterson, Ph.D.
Janice B. Smith, Ph.D.
Harold J. Valanote, Ph.D.
Thomas Watson, Ph.D.

Text Example 2-
Lab title w/ list of names

Dermatology
 Radiation Oncology
 Orthopedics

Text Example 3-
Lab title only

**Type B1** Entry to Lab Areas
Text Example

Type B1 Entry to Individual Office
Type B2  Insert Only – No Room Identification
Example of Installation of Type B Signs
Type C Room Number Location on Door Frame.
Type E Unique Door Identifier

Type E Unique Door Identifier Location on Door Frame.
**Type F Exterior Door Number**

Type F Exterior Door Number Location on Door Frame.
Type J Elevator Designation

Type J Elevator Designation Location on Frame.
SECTION 10522
FIRE EXTINGUISHERS

PART 1 - GENERAL

1.1 SUMMARY
A. This section provides standards for fire extinguishers.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS
A. Requirements:
   1. Fire extinguishers shall be provided according to NFPA -10 as a part of the construction contract after consultation with the UC Denver Project Manager unless noted otherwise.
   2. Fire extinguishers shall be 10 # ABC dry-chemical type. Other types of extinguishers may be used only after approval from UC Denver Fire and Life Safety Officer, through the UC Denver Project Manager.
   3. Fire extinguisher cabinets must be large enough to hold 10# ABC units.
   4. Fire extinguisher cabinets shall not be equipped with locking mechanisms unless approved by the UC Denver Fire and Life Safety Officer, through the UC Denver Project Manager.
   5. Fire extinguisher cabinets must have plexiglass (no glass) vertical windows.

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE
A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING
A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY
A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

2.2 MATERIALS, GENERAL

PART 3 - EXECUTION

3.1 EXAMINATION
3.2 INSTALLATION, GENERAL

A. Extinguisher installation shall be in compliance with ADA and in no case shall be installed higher than 5 feet from above finished floor to the top of the cabinet. The fire extinguisher cabinet shall not be installed closer than 3 inches from above the finished floor, and the top of cabinet must be 5 feet above the finished floor. Locations of cabinets in the facility require approval from and exceptions for cabinet positioning at a location must be coordinated with the UC Denver Fire and Life Safety Officer through the Project Manager.

3.3 TESTING, CLEANING, AND CERTIFICATION

3.4 COMMISSIONING (DEMONSTRATION)

3.5 SCHEDULES

END OF SECTION
SECTION 10800
TOILET ACCESSORIES

PART 1 - GENERAL

1.1 SUMMARY
A. This section provides standards for toilet accessories.

1.2 REFERENCES

1.3 SYSTEM PERFORMANCE REQUIREMENTS

1.4 DEFINITIONS

1.5 SUBMITTALS

1.6 QUALITY ASSURANCE
A. Quality Assurance shall be provided in accordance with Division 1.

1.7 DELIVERY, STORAGE, AND HANDLING
A. Delivery, storage, and handling shall be provided in accordance with Division 1.

1.8 WARRANTY
A. Product and system warranties shall be provided in accordance with Division 1.

PART 2 - PRODUCTS

2.1 MANUFACTURERS
A. Acceptable Manufacturers: Subject to compliance with requirements, provide products by the following:

1. Toilet Tissue Holders: Double role dispensers, Bobrick (preferred) or equal.

2. Grab Bars: Bobrick (preferred) or equal.

3. Paper Towel Dispenser: Georgia Pacific VuAll Cormatic High Capacity Roll Towel Dispenser (P15), Translucent Smoke color (preferred item) or equal.

4. Feminine Napkin Disposal: Bobrick stainless self-closing lid (preferred) or equal.

5. Soap Dispensers: GOJO® FMX-12™ Dispenser for 1250 mL soap, Dove Gray or Black, (preferred item) or equal.

6. Mirrors: Bobrick with shelves (preferred) or equal.

2.2 MATERIALS, GENERAL
A. Double Roll Toilet Tissue Holder: Double roll toilet tissue holder with no controlled delivery is fabricated of aluminum casting with satin finish. High impact plastic spindle, with concealed locking device, theft-resistant.

1. Capacity: Accommodates all standard core roll tissue, up to 6 inches (152 mm) diameter.

B. Grab Bar: Diameter of bar will meet code and accessibility requirements and be stainless steel, satin finish with exposed mounting:

C. Mirrors: Stainless steel frame with 1/8 inch float plate glass.

PART 3 - EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION, GENERAL

A. Provide backing and fasteners as required for mounting all accessories:

3.3 TESTING, CLEANING, AND CERTIFICATION

3.4 COMMISSIONING (DEMONSTRATION)

3.5 SCHEDULES

END OF SECTION