

SECTION 10 14 00

SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Room and door signs.

1.02 RELATED REQUIREMENTS

- A. Division 26: Exit signs required by code.

1.03 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2009.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
- C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, other text to be applied, sign and letter sizes, fonts, and colors.
 - 1. When content of signs is indicated to be determined later, request such information from Director's Representative at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
 - 2. Submit for approval by Director's Representative prior to fabrication.
- D. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
- E. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.
- F. Verification Samples: Submit samples showing colors specified.
- G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Package signs as required to prevent damage before installation.
- B. Package room and door signs in sequential order of installation, labeled by floor or building.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Flat Signs: Type ST-EX
 - 1. Fossil Industries; 1/2" thick exterior grade dHPL: www.fossilinc.com.
 - 2. ASI Signage; Inform system: www.asisignage.com.
 - 3. Or Approved Equal.

2.02 SIGNAGE APPLICATIONS

- A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.
- B. Room and Door Signs: Provide a sign for every doorway, whether it has a door or not, not including corridors, lobbies, and similar open areas.

1. Sign Type: Flat signs with engraved panel media as specified.
2. Provide "tactile" signage, with letters raised minimum 1/32 inch and Grade II braille.
3. Character Height: 1 inch.
4. Sign Height: 2 inches, unless otherwise indicated.
5. Service Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.
6. Rest Rooms: Identify with pictograms, the names "MEN" and "WOMEN", room numbers to be determined later, and braille.

2.03 SIGN TYPES

- A. Flat Signs: Signage media without frame.
 1. Panels: Graphics are to be manufactured as digital high pressure laminate, composed of several layers of phenolic resin impregnated kraft filler paper, a digitally imaged graphic, surfaced by layers of translucent exterior UV / graffiti overlay protection. Panels, including exterior overlays, are to be bonded under heat and extreme pressure to form a composite panel. All cutting and finishing to be performed by CNC router. Graphics to consists of full 12 color high definition printing technology.
 2. Wall Mounting of One-Sided Signs: Concealed screws.
- B. Color and Font: Unless otherwise indicated:
 1. Character Font: Typeface as selected from the manufacturer's standard sans serif typefaces, upper case letters, minimum height 5/8", maximum height 2".
 2. Background Color: Color of Text and Raised Characters: To be selected from 73 standard colors.

2.04 TACTILE SIGNAGE MEDIA

- A. Engraved Panels: Laminated colored plastic; engraved through face to expose core as background color:
 1. Total Thickness: 1/16 inch.

2.05 ACCESSORIES

- A. Concealed Screws: Stainless steel, galvanized steel, chrome plated, or other non-corroding metal.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate surfaces are ready to receive work.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install neatly, with horizontal edges level.
- C. Locate signs where indicated:
 1. Room and Door Signs: Locate on wall at latch side of door with centerline of sign at 60 inches above finished floor.
 2. If no location is indicated obtain Director's Representative's instructions.
- D. Protect from damage until Substantial Completion; repair or replace damaged items.

END OF SECTION

SECTION 10 28 13
TOILET AND BATH ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Commercial toilet accessories.
- B. Diaper changing stations.
- C. Utility room accessories.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Section 09 310 0 - Tiling

1.03 SUBMITTALS

- A. Shop Drawings: Details for grab bars.
- B. Product Data: Specifications or data sheets and installation instructions for each product required.
- C. Contract Closeout Submittals: Furnish the following, as applicable, for each product required:
 - 1. Operation and maintenance data.
 - 2. Parts list.
 - 3. Keys and tools.

1.04 QUALITY ASSURANCE

- A. Provide products from more than one manufacturer if necessary to meet the requirements of this Section.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's original protective packaging.
 - 1. Furnish items with protective wrappings or covers as required to protect finishes. Do not remove protective coverings until completion of other Work liable to damage accessory finish.
- B. Pack products with required trim, mounting devices, fasteners, service tools or keys, and complete installation instructions.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Stainless Steel: AISI Type 302/304 with No. 4 satin finish, unless otherwise indicated.
- B. Brass: Cast or forged quality alloy, FS WW-P-541D/GEN.
- C. Sheet Steel: Cold rolled, commercial quality, ASTM A 366.
 - 1. Galvanized: Zinc coated, ASTM A 123.
- D. Mounting Devices and Fasteners: Stainless steel, unless otherwise indicated.
- E. Chromium Plating: Nickel and chromium electro-deposited on metal; ASTM B 456, Type SC 2, satin finish unless otherwise indicated.

2.02 FABRICATION

- A. Fabricate dispenser and disposal units of one-piece welded construction with seamless corners, unless otherwise specified.
- B. Equip units with keyed vandal-resistant lock where key access is specified.
- C. Mounting Devices: If not indicated, furnish type and size compatible with accessory unit specified which will securely mount accessory to wall or partition construction indicated.

1. Grab Bars: Furnish anchoring devices which will withstand minimum downward pull of 500 pounds.
- D. Exposed Mounting Devices and Fasteners:
 1. Type: Theft-resistant.
 2. Finish: Match accessory finish, unless otherwise indicated.
 3. Concrete Construction: Furnish stainless steel machine screws in nonferrous expansion anchors except furnish stainless steel toggle bolts where anchorage occurs in concrete.

2.03 KEYS AND TOOLS

- A. Keys: Furnish minimum of 2 keys and an additional 2 keys for every 6 key operated accessories.
 1. Key similar key access units alike unless otherwise specified.
- B. Tools: Furnish socket wrenches compatible with set screws of concealed theft-resistant fastenings. Furnish minimum of 2 wrenches and an additional 2 wrenches for every 6 accessories having such fastenings.

2.04 MIRRORS

- A. Types:
 1. Basis of Design: Mirror by Ketcham, Model #TPM-2436, or approved equal.
 - a. Description: Theftproof washroom mirror, Channel Framed, Body Material Glavanized Sheet steel, Stainless Steel frame, Includes mounting hardware.
 - b. Size: Width: 24 inches, Height: 36 inches, Depth: 1/2 inch

2.05 TOILET TISSUE DISPENSERS - SURFACE MOUNTED (TTD-SM)

- A. Toilet Paper Dispenser by Georgia-Pacific Model#57893, or approved equal.
 1. Wall mounted vertical double roll, Stainless Steel, 4 3/4" diameter rolls.

2.06 SOAP DISPENSER

- A. Soap Dispenser by Bobrick Model#B-2111 or approved equal.
 1. Soap Dispenser Container: 18-8, type 304, 22 gauge (0.8mm) stainless steel with satin finish. Body is drawn, one-piece, seamless construction with anti-bacterial soap-resistant plastic cylinder.

2.07 GRAB BARS (GB)

- A. Grab bar assemblies consisting of stainless steel tubing with integrally welded mounting flanges secured to concealed tenon plates with theft-resistant fasteners, and complying with the following requirements:
 1. Sizes as indicated on drawings.
 2. Tubing: Stainless steel, 1-1/2 inch od x 18 gage wall thickness. Bend tubing at each end and join to flanges by concealed welding. Total projection from wall line (including bar diameter): 3 inches.
 3. Flanges: Stainless steel, 3 inch diameter, 11 gage wall thickness, not less than 1/2 inch deep.
 4. Finish: Brush satin finish, unless otherwise indicated.
 5. Tenon Plates: Stainless steel, 13 gage discs. Tenon plates shall be designed to allow plate location adjustment.
 6. Fasten grab bar flanges to tenon plates with not less than 3 concealed fasteners equally spaced around flange.

2.08 SANITARY NAPKIN DISPOSAL UNIT:

- A. Tough Guy Model#1ECK9 Wall Mounted Sanitary Napkin Waste Receptacle, or approved equal.

1. Description: Sanitary Napkin Receptacle, Container Style Wall or Free-Standing, Height 11 In., Container Depth 4-1/4 In., Width 9 In., Material Stainless Steel, Shape Square, Color Silver, Lid Type No Hinge, Includes Mounting Hardware and Key

2.09 BABY CHANGING STATION-SURFACE MOUNTED

- A. Baby changing station shall be FDA-approved blow-molded high-density polyethylene with Microban Antimicrobial additive interior. Bed shall be secured to back plate with a concealed, full-length steel-on-steel concealed hinge. Bed to have contoured changing area with a nylon safety strap and hooks for bags or purses. Unit shall comply with ADA regulations when installed.
 1. Product: Koala Kare Model #KB310; Horizontal Baby Changing Station or approved equal.
 2. Product: Koala Kare Model #KB311; Vertical Baby Changing Station or approved equal.
 3. Color to be chosen by Director's Representative from manufacturers standard colors.

2.10 COMBINATION UTILITY SHELF/MOP AND BROOM HOLDER

- A. 0.05 inch thick stainless steel, Type 304, with 1/2 inch returned edges, 0.06 inch steel wall brackets.
 1. Drying rod: Stainless steel, 1/4 inch diameter.
 2. Hooks: 2, 0.06 inch stainless steel rag hooks at shelf front.
 3. Mop/broom holders: 3 spring-loaded rubber cam holders at shelf front.
 4. Length: 36 inches.
 5. Length: Manufacturer's standard length for number of holders/hooks.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Unless otherwise indicated, install Work of this Section in strict accordance with the manufacturer's instructions.
 1. Install all attachments, anchorage devices, and fasteners as required to securely mount accessory units to types of wall or partition construction indicated.

3.02 CLEANING AND POLISHING

- A. Remove protective wrappings from installed accessories after completion of other Work liable to damage accessory finish. Remove residue, if any, and polish exposed surfaces.

END OF SECTION