

## MARKERBOARDS AND TACKBOARDS - SECTION 10110

### 1.0 - GENERAL

- 1.1 Scope  
The work under this section consists of all markerboards and tack boards.
- 1.2 Submittals  
Submit for approval completely detailed shop drawings including dimensions, construction details, materials, finish, and details of adjacent construction.
- 1.3 Manufacturer  
The specifications and drawings are based on products of Claridge Products and Equipment Company to illustrate the standard of quality. Equivalent products by American Visual Display Products, LLC and PolyVision will be acceptable.
- 1.4 Guarantee  
The Markerboards and Tack boards Contractor shall guarantee all materials and workmanship covered by this section for a period of one (1) year from date of final acceptance of the Contract, or from occupancy of the building, whichever is earlier.

### 2.0 - PRODUCTS

- 2.1 Tack board  
A. Tack board shall be Claridge Fabricork Vinyl, 1/2" two-ply with 1/4" cork and 1/4" backing, 4'-0" high x 4'0" wide. Colors as selected. ("TB") as designated on drawings)
- 2.2 Trim  
A. Standard end and mullion trim between marker and tack boards.  
B. All trim to be extruded aluminum with satin anodized finish.
- 2.4 Map and Display Rail  
A. Rail shall be No. 74 extruded aluminum with 1/4" thick cork insert, 1" wide, length required by drawings.  
B. Provide 74ES end caps for each section, No. 76M metal display hooks (24" o.c.).

### 3.0 - EXECUTION

- 3.1 Installation  
A. Installation shall be mechanically anchored in accordance with the manufacturer's recommendations. All joints flush and neatly joined. No Glue shall be used.  
B. Contractor shall affix manufacturer's instructions to each Marker/Tack board unit which includes complete instructions on proper BREAKING IN of the markerboard.  
C. Mounting heights shall be verified by the Owner prior to installation.

END OF SECTION



1.0 - GENERAL

- 1.1 Scope  
The work under this section consists of all markerboards.
- 1.2 Submittals  
Submit for approval completely detailed shop drawings including dimensions, construction details, materials, finish, and details of adjacent construction.
- 1.3 Manufacturer  
The specifications and drawings are based on products of Claridge Products and Equipment Company to illustrate the standard of quality. Equivalent products by American Visual Display Products, LLC and PolyVision will be acceptable.
- 1.4 Guarantee  
The Markerboards Contractor shall guarantee all materials and workmanship covered by this section for a period of one (1) year from date of final acceptance of the Contract, or from occupancy of the building, whichever is earlier.

2.0 - PRODUCTS

- 2.1 Glass Markerboards  
Glass boards shall be "Colors by Clarus" by Clarus Glass boards, LLC as Basis of Design.
1. 1/4" low-iron PPG Straphire Tempered Safety Writing Glass
  2. Color to be selected by Architect.
  3. Non-Staining writing surface compatible with any marker, even permanent.
  4. Concealed hardware and all mounting materials/anchors to be included.
  5. Magnetic
  6. Opti-Clear Polish
  7. Eased Corners for Safety
  8. Accessories: Magnet mounted, curved anodized aluminum holder for 4 markers.
  9. Size: 3 - 4' x 10'

Locations are indicated on drawings as "GMB"

3.0 - EXECUTION

- 3.1 Installation
- A. Installation shall be mechanically anchored in accordance with the manufacturer's recommendations. All joints flush and neatly joined. No Glue shall be used.
  - B. Wash markerboards with water and detergent cleaner.
  - C. Contractor shall affix manufacturer's instructions to each Marker/Tackboard unit which includes complete instructions on proper BREAKING IN of the markerboard.
  - D. Mounting heights shall be verified by the Owner prior to installation.

END OF SECTION



## STAINLESS STEEL TOILET COMPARTMENTS - SECTION 10211

### 1.0 - GENERAL

#### 1.1 Summary

- A. Section Includes:
  - 1. Stainless steel toilet compartment partitions overhead braced for following applications:
    - a. Toilet enclosures.
    - b. Urinal screens.
- B. Related Requirements:
  - 1. Division 03 Section "Cast in Place Concrete"
  - 2. Division 04 Section "Unit Masonry"
  - 3. Division 05 Section "Miscellaneous Metals"
  - 4. Division 06 Section "Rough Carpentry"

#### 1.2 References

- A. ASTM International (ASTM):
  - 1. ASTM A 240 - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
  - 2. ASTM A 666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
  - 3. ASTM A 743/A 743M - Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application.
  - 4. ASTM B 86 - Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings.
  - 5. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
  - 6. ASTM B 221/B 221M - Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloy Foundry and Die Castings.
- B. International Code Council (ICC)/American National Standards Institute (ANSI):  
ICC/ANSI A117.1 - Accessible and Usable Buildings and Facilities, as applicable to toilet compartments designated as accessible.
- C. ADA - Americans with Disabilities Act, - ADA Standards for Accessible Design.

#### 1.3 Submittals

- A. Product Data: Manufacturer's data sheets for each type of product indicated. Include fabrication details, description of materials and finishes.
- B. Product Test Reports: When requested by Architect, submit documentation by qualified independent testing agency indicating compliance of products with requirements.

- C. Shop Drawings: Include overall product dimensions, floor plan, elevations, sections, details, and attachments to other work. Include choice of options with details.
- D. Samples for Selection: Furnish samples of manufacturer's full range of finishes for initial selection.
- E. Samples for Verification: Furnish physical sample of material in selected finish. Size: 2 by 2 inch (52 by 52 mm) minimum, in type of finish specified. If requested by Architect
- F. Warranty: Sample of special warranty.
- G. Maintenance and cleaning instructions to be submitted with Closeouts.

1.4 Quality Assurance

- A. Manufacturer Qualifications: Approved manufacturer listed in this section, with minimum 5 years of experience in the manufacture of toilet compartments.
- B. Manufacturers seeking pre-approval must submit the following in accordance with Section 01360 requirements.
- C. Provide list of successful installations of similar products available for evaluation by Architect if requested.
- D. Installers Qualifications: Experienced Installer regularly engaged in installation of toilet compartments for minimum 3 years.
- E. Source Limitations: Obtain toilet compartment components and accessories from single manufacturer.
- F. Accessibility Requirements: Comply with requirements of ICC/ANSI 117.1, and with requirements of authorities having jurisdiction.
  - 1. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84 by qualified testing agency. Identify products with appropriate markings of applicable testing agency.
  - 2. Flame-Spread Index: 0.
  - 3. Smoke-Developed Index: 0.

1.5 Delivery, Storage, And Handling

- A. Do not deliver toilet compartments to site until building is enclosed and HVAC systems are in operation.
- B. Deliver toilet compartments in manufacturer's original packaging.
- C. Store in an upright condition.

1.6 Warranty

- A. Special Manufacturer's Warranty: Provide manufacturer's standard form in which manufacturer agrees to repair or replace products that fail in materials or workmanship during the following period after substantial completion:
1. Stainless Toilet Partitions: Against rust-out: 15 years.
  2. Stainless Steel Hardware: Lifetime.

2.0 - PRODUCTS

2.1 Manufacturers

- A. Basis-of-Design Manufacturer: Subject to compliance with requirements, provide products of The Mills Company.
- B. Other Manufacturers seeking pre-approval must submit the following in accordance with Section 01360 requirements.

2.2 Materials

- A. Stainless Steel Sheet: A 666, 300 series commercial stainless steel sheet suitable for exposed applications. Provide smooth material, without creases or ripples.
1. Provide with No.#4 finish.
- B. Stainless Steel Castings: ASTM A 743/A 743M.
- C. Zinc Aluminum Magnesium and Copper Alloy (Zamac): ASTM B 86.
- D. Aluminum: ASTM B 221/B 221M.

2.3 Stainless Steel Toilet Compartments

- A. Toilet Compartment Type: Overhead braced.  
Basis of Design Product: Bradley, Mills Partitions, Sentinel, Series 400.
- B. Door, Panel, and Pilaster Construction, General: Form edges with interlock to provide watertight fit without crown molding. Braze corners and finish smooth.
1. Provide exposed surfaces free of pitting, visible seams and fabrication marks, stains, telegraphing of core material, or other imperfections.
  2. Core Material: Manufacturer's standard sound-deadening, water resistant honeycomb in thickness required to provide finished thickness for doors, panels and pilasters.
- C. Door Construction: 1 inch (25 mm) thick, constructed from 0.0313 inch/22 ga (0.794 mm) stainless steel.
1. Provide each door with internal 0.0625 inch/16 ga (1.59 mm) and 0.0781 inch/14 ga (1.98 mm) welded reinforcements at top and bottom hinge locations, with factory installed concealed true gravity cam hinges.

2. Provide pre-punched hole to permit field installation of ADA-compliant concealed slide latch.
- D. Panel Construction: 1 inch (25 mm) thick, constructed from 0.0313 inch/22 ga (0.794 mm) stainless steel.
    1. Grab-Bar Reinforcement: Provide concealed internal reinforcement for grab bars mounted on units.
  - E. Pilaster Construction: 1 1/4 inch (32 mm) thick, constructed from [0.0375 inch/20 gauge (0.953 mm)] [0.048 inch/18 gauge (1.219 mm)] stainless steel.
    1. Provide pilaster with internally welded bracket suitable to accept minimum 3 inch (76 mm) long, 5/16 inch (7.9 mm ) stainless steel hex bolt for leveling.
  - F. Headrail: Extruded anodized aluminum headrail with anti-grip profile. Provide fasteners for attachment to pilaster and stainless steel brackets to secure to wall.

#### 2.4 Hardware

- A. Hardware, Standard Duty: Manufacturer's standard chrome-plated zamac castings, including corrosion-resistant, tamper-resistant fasteners:
- B. Latch and Keeper: Concealed slide latch] with wrap-around rubber-faced combination door strike and keeper, with provision for emergency access, meeting requirements for accessibility at accessible compartments.
- C. Door Pull: Standard unit on outside of inswing doors. Provide pulls on both sides of outswing doors. Hardware, Heavy Duty: Manufacturer's heavy-duty stainless steel castings, including stainless steel tamper-resistant fasteners:
- D. Hinges: Self-closing [wrap-around gravity-type] [continuous spring-loaded type], adjustable to hold doors open at any angle up to 90 degrees, with emergency access by lifting door. Mount with stainless steel through-bolts.

#### 2.5 Fabrication

- A. Overhead-Braced Units: Provide manufacturer's standard corrosion-resistant supports, leveling mechanism, and anchors at pilasters to suit floor conditions. Provide shoes at pilasters to conceal supports and leveling mechanism.
- B. Urinal-Screen Posts: Provide manufacturer's standard corrosion-resistant anchoring assemblies with leveling adjustment at[ tops and] bottoms of posts. Provide caps, shoes, and covers at posts to conceal anchorage.
- C. Door Size and Swings: Unless otherwise indicated, provide 26-inch- (660-mm-) wide, in-swinging doors for standard toilet compartments and 36-inch- (914-mm-) wide, out-swinging doors with a minimum 32-inch- (813-mm-) wide clear opening for compartments designated as accessible.



### 3.0 - EXECUTION

#### 3.1 Examination

- A. Examine work area to verify that measurements, substrates, supports, and environmental conditions are in accordance with manufacturer's requirements to allow installation.
- B. Proceed with installation once conditions meet manufacturer's requirements.

#### 3.2 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. Install toilet partitions and screens in spaces with operating, temperature controlled HVAC systems. Shield partitions and screens from direct sunlight.
- C. Clearances: Install with clearances indicated on Drawings. Where clearances are not indicated, allow maximum 1/2 inch (13 mm) between pilasters and panels, and 1 inch (25 mm) between panels and walls.
- D. Stirrup Brackets: Secure panels to walls and to pilasters with no fewer than [two brackets attached] [three brackets attached at midpoint and] near top and bottom of panel. Locate wall brackets so holes for wall anchors occur in masonry or tile joints. Align brackets at pilasters with brackets at walls.

#### 3.3 Adjusting

Hardware Adjustment: Adjust and lubricate hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to hold doors open approximately 15 degrees from closed position when unlatched. Set hinges on out-swinging doors [ and doors in privacy screens] to return doors to fully closed position.

#### 3.4 Final Cleaning

- A. Remove packaging and construction debris and legally dispose of off-site.
- B. Clean partition and screen surfaces with materials and cleansers in accordance with manufacturer's recommendations.

END OF SECTION



1.0 - GENERAL

1.1 Scope

The work required under this section consists of room/wall/ signs and building plaque(s).

1.2 Submittals

- A. Submit a sample of signs including size, style of lettering, materials, and finish.
- B. Provide mounting templates.
- C. Signs shall conform to requirements as set forth by the AMERICANS WITH DISABILITIES ACT Accessibility Guidelines.
- D. Submit schedule indicating each room name and number indicated on Architectural Drawings with a corresponding space for Owner's mark-up for actual room name and number per school system of each room name and number along with sign type to the Architect for review.

2.0 - PRODUCTS

2.1 Room and Wall Signs

- A. Provide photopolymer signs with Grade II Braille 3/4" numerals and 5/8" Letters to comply with ADA (American Disability Act). Signs shall be color selected with letters equal to Leeds Architectural Letters, Inc., and Amerson Engraving.
- B. Room signs with message insert to have 1/16" front plate, minimum 1/32" solid spacer (no tape spacer) and 1/8" back plate.
- C. Room Signs (no message slot)- minimum 1/8" thick with 1/32" raised letters.
- D. Exterior Signs - Exterior Aluminum .040 thick, factory painted and text to be silkscreened or inkjet print.
- E. Edge Condition - Square Cut.
- F. Corners - Square or Round to be selected by Architect.
- G. Mounting:
  - 1. Sheet Rock - double sided tape
  - 2. Block or Brick - double sided tape and silicone
  - 3. Signs to be mounted with screws and anchors if specified.
  - 4. Signs mounted on wall adjacent to latch side of door 60" from floor to centerline of signs and 2" from edge of door frame to edge of sign.
- H. Provide signs as follows:
  - 1. All Offices, Classrooms, and Instructional Areas shall be 6" x 8" with 2-1/2" x 8" changeable clear message insert.
  - 2. All other interior door signs except corridor and vestibule doors shall be 6" x 6" with no message strip.
  - 3. All restrooms to have minimum 6" x 8" sign with pictogram area with an additional area for raised copy and Braille.
  - 4. 6" x 6" signs at all elevators on all floors. (Use Stairs in Case of Fire...etc.)

5. 6" x 6" Stair Sign at every stair on all floors with pictogram.
  6. Provide 2 Exterior Signs (nominal 12" x 12") at all exterior entrances. Provide mounting as recommended by manufacturer. Exterior sign graphics to be provided by Architect.
    - I. Provide Tornado Shelter signage as required and as indicated.
- 2.2 Building Letters  
Cast aluminum letters, equal to Leeds Architectural Letters, Inc., Euro Roman Font, 12" High, lay-out as indicated. Colors as selected by Architect. Provide flush concealed stud mounting.
- 2.3 Building Plaque
  - A. Dedication plaque shall be of cast aluminum. Furnish and install a 24" x 42" plaque with approximately 500 raised letters and raised border. Field shall have stipple finish. Face of letters and borders shall have ground satin finish surface.
  - B. Plaque layout and designation shall be furnished by the Architect.
- 2.4 Project Sign - Specification requirements are listed in Section 01030.

### 3.0 - EXECUTION

- 3.1 Installation of Signs  
Install signs on surfaces and at heights as directed.
- 3.2 Installation of Building Letters  
Install building letters on surfaces and at heights as directed. Install in accordance with manufacturer's recommendations.
- 3.3 Installation of Plaque(s)  
Install plaque(s) where directed.

END OF SECTION

## SECTION 10505 – STUDENT LOCKERS

### 1.0 - GENERAL

#### 1.1 Scope of Work

Description: Furnish and install factory-assembled Heavy-Duty MIG-Welded Metal Lockers, complete, as shown and specified per contract documents.

#### 1.2 Related Work Specified Elsewhere:

A. Concrete: Section 03300

B. Masonry: Section 04210

#### 1.3 Submittals

A. General: Refer to Section 01350 - Shop Drawing Submittals

B. Shop Drawings: Submit drawings showing locker types, sizes, quantities, including all necessary details relating to anchoring, trim installation and relationship to adjacent surfaces.

C. Color Charts: Provide color charts showing manufacturer's available colors (minimum 24). Provide metal samples if requested.

D. Numbering: Locker numbering sequence will be provided by the approving authority and noted on approved shop drawings returned to the locker contractor.

#### 1.4 Quality Assurance

A. Manufacturing Standard: Provide metal lockers that are standard products of a single manufacturer, with interchangeable like parts. Include necessary mounting accessories, fittings, and fastenings.

B. Fabricator Qualifications: Firm experience (minimum 5 years) in successfully producing the type of metal lockers indicated for this project, with sufficient production capacity to produce required units without causing delay in the work.

C. Installer Qualifications: Engage an experienced (minimum 2 years) installer who has successfully completed installation of the type of metal lockers and extent to that indicated for this project.

#### 1.5 Product Handling

A. General: All work shall be fabricated in ample time so as to not delay construction process.

B. Delivery: All materials shall be delivered to the site at such a time as required for proper coordination of the work. Materials are to be received in the manufacturer's original, unopened packages and shall bear the manufacturer's label.

- C. Storage: Store all materials in a dry and well ventilated place adequately protected from the elements.

1.6 Warranty

- A. Lifetime Warranty: Submit upon completion of the work, in the form prescribed under Section 01910 -Closeouts, Warranty covering all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for the lifetime of the facility**.

2.0 - PRODUCTS

2.1 Manufacturers

- A. Manufacturers: Subject to compliance with the design, material, method of fabrication and installation as required in this specification section or modified as shown on drawings. Manufacturers offering products which may be incorporated in the work include the following:

Superior Lockers by List Industries Inc. (Basis of Design)  
Art Metal Products, Uni- Body Construction  
Penco Products, "All- Welded"

2.2 Locker Types

- A. General: Lockers shall be "CLASSMATE CORRIDOR LOCKERS" as manufactured by List Industries Inc. or approved equal.

Type: 2 Tier

Size: 12" wide x 15" deep x 36/72" high

- B. Ventilation:

Doors: 14-gauge **solid panel** sheet steel with recessed handle, and multi-point gravity lift-type latching

Sides: 16-gauge solid sheet steel

Tops, Bottoms, Shelves: 16-gauge solid sheet steel

Backs: 18-gauge solid sheet steel

2.3 Fabrication

- A. Materials:

1. Steel Sheet: All sheet steel used in fabrication shall be prime grade free from scale and imperfections and capable of taking a heavy coat of high gloss baked enamel.
2. Fasteners: Cadmium, zinc or nickel plated steel; bolt heads, slotless type; self-locking nuts or lock washers.
3. Hardware: Hooks and hang rods of cadmium plated or zinc plated steel or cast aluminum.

4. Handle: Seamless drawn stainless steel recessed handle.
  5. Number Plates: To be aluminum with not less than 3/8" high etched numbers attached to door with two aluminum rivets.
- B. Construction: Lockers shall be "Superior CLASSMATE Corridor Lockers" as manufactured by List Industries Inc. (Basis of Design) or approved equal. All lockers shall be factory-assembled, of all **MIG** welded construction, in multiple column units to meet job conditions. **Assembly of locker bodies by means of bolts, screws, or rivets will not be permitted. Welding of knockdown locker construction is not acceptable.** Grind exposed welds and metal edges flush and make safe to touch.
  - C. Unibody/Vertical Side Panels: Shall be of integral frame and side wall construction manufactured from solid 16-gauge sheet steel. The one-piece side/frame shall be formed to provide a continuous door strike on the hinge side. An additional continuous vertical door strike shall be achieved at the latch side by MIG welding a 16-gauge full height channel frame member to the integral locker side producing a rigid torque-free welded locker body. The frame shall include a tab which engages a slot in the base locking the side panel and frame into position. Sides to be solid.
  - D. Flat Tops: Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple locker unit.
  - E. Hat Shelves, Intermediate Shelves and Bases: Shall be 16-gauge sheet steel, have double bends at front and shall be MIG welded to the sides.
  - F. Backs: Shall be 18 gauge cold rolled sheet steel, be continuous to cover a multiple unibody unit and be welded to each vertical side panel.
  - G. Wardrobe Doors: Doors 20" high and over and 15" wide and under shall be fabricated from single sheet prime 14 gauge with single bends at top and bottom and double bends at the sides. The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. Doors to be louvered.
  - H. Seamless Drawn Stainless Steel Recessed Locker Handle: All locker doors shall have a seamless drawn 304 stainless steel recessed handle shaped to receive a padlock or built-in combination lock. The recess pan shall be deep enough to have the lock be completely flush with the outer door face. A finger lift/padlock hasp shall protrude through the top of the handle for easy opening of the locker door.
  - I. Latching: The latching mechanism shall be finger lift control type constructed of 14-gauge (minimum) steel with a nylon cover that has a generous finger pull. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Locking devise shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be 12 gauge (minimum) and shall be MIG welded to vertical frame member. Provide three latch hooks for doors 48" and over and two for doors under 48".
  - J. Door Hinges: Hinges for wardrobe doors shall not be less than 16-gauge continuous piano type, securely riveted to frame and welded to the door. All doors shall be right hand side hinged.

- 2.4 Locker Accessories:  
Equipment: Furnish each locker with the following items, unless otherwise shown.
- A. Locks: Provide padlock HASP. Padlocks by Owner.
  - B. Equipment: Furnish each locker with the following items, unless otherwise shown.
  - C. Double tier lockers: Openings 30" thru 36" high shall include one double prong ceiling hook and a minimum of two single prong wall hooks.
  - D. Finished End Panels (If required): Shall be "Boxed" type formed from 16 gauge cold rolled steel with 1" O.D. double bends on sides and a single bend at top and bottom with no exposed holes or bolts. If lockers have slope tops, end panels must be formed with slope at top to cover the ends of the slope tops. Finish to match lockers. Provide at all exposed ends.
  - E. Fillers (required): Provide where indicated, of not less than 16-gauge sheet steel, factory fabricated and finished to match lockers.
- 2.5 FINISHING: All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade enamel electrostatically sprayed and baked at 325 degrees Fahrenheit for a minimum of 30 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors. **Two-Tone Color Combination: Shall be at no additional cost with the locker body, frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.**

### 3.0 - EXECUTION

#### 3.1 Installation

- A. General: Installation shall be in strict conformance with referenced standards, the manufacturer's written directions, as shown on the drawings and as herein specified.
- B. Placement: Lockers shall be set in place, plumb, level, rigid, flush and securely attached to the wall (or bolted together if back-to-back) and anchored to the floor or base according to manufacturer's specifications.
- C. Anchorage: About 48" o.c., unless otherwise recommended by manufacturer, and apply where necessary to avoid metal distortion, using concealed fasteners. Friction cups are not acceptable.
- D. Trim: Sloping tops, metal fillers and end panels shall be installed using concealed fasteners. Provide flush, hairline joints against adjacent surfaces.

#### 3.2 Adjustment

GENERAL: Upon completion of installation, inspect lockers and adjust as necessary for proper door operation. Touch-up scratches and abrasions to match original finish.

#### 3.3 Warranty



All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for the lifetime of the facility.**

**\*\* END OF SECTION \*\***



1.0 - GENERAL

- 1.1 Scope  
The work under this section consists of all toilet accessories.
- 1.2 Samples  
Returnable samples to be furnished upon request.
- 1.3 Manufacturer  
Catalog numbers indicated in the schedule are from Bobrick Company catalog unless indicated otherwise. Equivalent products as manufactured by American Specialties, Inc., or Bradley, will be acceptable.

2.0 - PRODUCTS

- 2.1 List of Fixtures
  - A. The following list of accessories is essentially complete; however, the contractor shall examine the drawings carefully and shall supply such items not specifically called for to provide a complete installation.
  - B. Fixtures shall be supplied as follows:
    - 1. Feminine Napkin Disposal - Model B-270, surface mounted, stainless steel finish. One per toilet compartment. (Female Only. Mount on opposite wall of toilet paper dispenser.) Provide at all Unisex Toilet locations.
    - 2. Toilet Tissue Dispenser - Model B-4288. Surface Mounted, Stainless Steel dispensing. Holds two rolls up to 5-1/4" diameter. One per stall as indicated on drawings.
    - 3. Framed Mirror - Model B-165-1830, surface mounted, stainless steel finish. One per lavatory where noted. Custom mirrors are specified under Section 08810 - Glass and Glazing.
    - 4. Soap Dispenser (Surface Mount) - Model B-4112, liquid valve, surface mounted, stainless steel finish, vandal resistant. One per regular lavatory and as indicated on drawings.
    - 5. Grab Bars - Model B6806 (or 6861 at Shower Stall as indicated), 1-1/2" diameter, surface mounted with B-2571 anchors at masonry walls, stainless steel finish. Provide per ADA requirements at Handicapped Toilet Compartment and Shower Stall.
    - 6. Mop and Broom Holder - Model B-223 x 36" surface mount, stainless steel, Type 302 (18-8) satin finish. Holders spring loaded, rubber cam with plated steel retainer. Mounting height 6'-0" floor to top. One per service and/or mop sinks.
    - 7. Coat hook with bumper - Model B-212, surface mount aluminum casting with satin finish to match stainless steel. Bumper is hard rubber secured with drive screw. Note: provide one (1) in toilet rooms without stalls.

8. Electric Hand Dryers - Model XL-SB Excel Xcelerator Automatic Stainless Steel, 120V. Installation as per manufacturer's recommended mounting height and per ADA requirements.

2.2 Finishes

- A. All fixtures specified or cataloged to be stainless steel shall be type 302 (18-8) with satin finish.
- B. All fixtures specified or cataloged to be chrome finish shall be triple plated with heavy chrome over nickel and copper.
- C. Mirrors shall be 1/4" electro-copper backed plate glass.

3.0 - EXECUTION

3.1 Attachment

- A. All fixtures shall be secured to walls or partitions in the most secure method possible. Fixtures mounted singly against concrete block shall be secured with toggle bolts.
- B. The proper mounting accessories shall be furnished with each item.
- C. Contractor shall verify with Architect, the mounting locations and heights before installing accessories.

END OF SECTION

1.0 - GENERAL

1.1 Scope

The work under this section consists of First Aid Kit and accessories as indicated.

Sizes shall be as follows:

First Aid Cabinet

Metal Cabinet with door of sufficient size to handle contents and accessories for mounting.

1.2 Color shall be any of manufacturers standard as indicated or as selected by Architect.  
Paint to be high gloss finish.

1.3 Submittals

Submit for approval completely detailed shop drawings including dimensions, construction details, materials, finish and details of adjacent construction.

1.4 Manufacturer

The specifications and drawings are based on products of The American Red Cross to illustrate the standard of quality. Other Manufacturers may submit for pre-bid approval by the architect prior to bid in accordance with Specification Section 01360.

2.0 - PRODUCTS

2.1 Provide First Aid Kits for 109 Person Minimum ICC500/FEMA Approved

Contents to include but not be limited to:

Adhesive fabric bandages, 1" x 3"  
Adhesive plastic bandages, 3/4" x 3"  
Knuckle fabric bandages  
Fingertip fabric bandages  
Triangular sling/bandage, 40" x 40" x 56"  
Gauze dressing pads, 3" x 3"  
Conforming gauze roll, 2"  
Conforming gauze roll, 3"  
Trauma pad, 5" x 9"  
Antiseptic cleansing wipes (sting free)  
First aid burn cream pack, 0.9g each  
First aid tape roll, 1/2" x 10" yds  
Scissors,  
Stainless steel tweezers,  
Latex-free exam-quality vinyl gloves,  
American Red Cross Emergency First Aid Guides

**Quantities shall be in accordance with FEMA Guidelines and ICC500 requirements.**

3.0 - EXECUTION

3.1 Installation

A. Installation shall be made in accordance with approved shop drawings and manufacturer's instructions

B. Erect in a rigid substantial manner, straight, and plumb, with all horizontal lines level.

- C. All evidence of drilling, cutting and fitting to room finish shall be concealed in the finish work.

3.2 Final Clean-up and Adjusting

- A. Hardware shall be adjusted and left in good working order.
- B. After all other work in the area, including painting, is complete, exposed surfaces, hardware, fittings and accessories shall be cleaned.
- C. Any surfaces which have become damaged and cannot be touched up to match and give adequate protection will be rejected.

END OF SECTION