

**SECTION 10 14 00
DOOR SIGNAGE**

PART 1 - GENERAL

1.01 Section Includes

- A. Signage
 - 1. Interior, panel room signs

1.02 Submittals

- A. Submit shop drawings and product data. Indicate a listing of sign styles, color selection chart, lettering and locations, and dimensions.

PART 2 - PRODUCTS

2.01 Room Panel Signage

- A. Standard of Quality: Panel Signage System shall be *M1000 ADA Series* as manufactured by Mohawk Sign Systems, Schenectady NY 12301. Other acceptable manufacturers are:
 - 1. Brady Co., 6555 W. Good Hope Road, Milwaukee WI 53223
 - 2. Manufacturers of comparable products submitted in compliance with Division 01.

2.02 Description

- A. Tactile characters shall be raised the required 1/32" from sign face. Glue-on letters or etched backgrounds are not acceptable.
- B. All text shall be accompanied by Grade 2 braille. Braille shall be separated 1/2" from corresponding raised characters or symbols. Grade 2 braille translation to be provided by sign manufacturer.
- C. Characters and backgrounds shall have a non-glare finish
- D. Background Color: to be selected from Manufacturer's Standard Colors.
- E. Lettering Color: White
 - 1. Letter form shall be Gill Sans upper case.
- F. Plaque material shall be melamine plastic laminate, approximately 1/8" thick with contrasting core color. The melamine shall be non-static, fire-retardant and self-extinguishing. The plastic laminate will be impervious to most acids, alkalis, alcohol, solvents, abrasives and boiling water.
- G. Size of letters and numbers shall be as follows:
 - 1. Room numbers shall be 1".
 - 2. Lettering for room ID signs shall be 3/4"
 - 3. Symbol size shall be 4".
 - 4. Standard Grade 2 braille shall be 1/2 below copy.
 - 5. Copy position: centered/centered.
- H. Restroom signs shall be design size: 8" x 6", with a 4" tall accessibility symbol, gender symbol and the verbal description placed directly below followed by Grade 2 braille.

PART 3 - EXECUTION

3.01 Mounting

- A. Signs shall be mounted using vinyl tape for interior signs, and concealed holes and screws for the exterior frame signs.
- B. The signs shall be mounted 60" from the floor to the center of the sign on the latch side. The distance between the door frame and sign should be 2".

3.02 Schedule

- A. Provide the following signs:

	Room	Type
	102	UNISEX
	104	WOMEN
	105	MEN

END OF SECTION

SECTION 10 14 19
EXTERIOR SIGNAGE

PART 1 – GENERAL

1.01 Section Includes

- A. Signage including the following:
 - 1. Exterior architectural sign systems including:
 - a. Dimensional letters on west building elevation.

1.02 Related Sections

- A. Section 06 20 00 – Finish Carpentry

1.03 References

- A. ASTM International (ASTM).
 - 1. ASTM B209 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.

1.04 Submittals

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Materials, fabrication, finishing, fastenings, hardware, and accessories.
 - 4. Mounting details and installation methods.
- B. Shop Drawings: Provide project specific, scaled, shop drawings including:
 - 1. Extents of installation, layouts, profiles, signage dimensions, penetrations, if any, control dimensions, and architectural alignments.
 - 2. Interface with building services and adjacent construction.
 - 3. Material thicknesses and joints, anchorage, trim, hardware and locks, finishes, substrate materials, and accessories.
 - 4. Base building requirements, and installation procedures.
 - 5. Identify typography, artwork, finishes, message locations, and similar.
 - 6. Coordinate nomenclature and terminology with architectural drawings.
- C. Qualifications: For manufacturer and installer.
- D. Certificates: Product certificates signed by the manufacturer certifying materials comply with specified performance characteristics, physical requirements, and project specific requirements.
- E. Samples:
 - 1. Selection Samples: Provide manufacturer standard samples for selection of finishes, colors, and textures.
- F. Closeout Submittals:
 - 1. Warranty.

1.05 Quality Assurance

- A. Single Source Responsibility: Except as noted below, all materials and components shall be fabricated by a single manufacturer including mounting hardware and materials, fittings, fastenings, finished surfaces and/or concealed internal supports.

- B. Manufacturer Qualifications: Minimum ten (5) years or more experience in fabrication of solid phenolic materials, experienced in performing work of similar size and scope, and with production facilities to meet the project schedule.
- C. Installer Qualifications: Specialized in performing signage work, with minimum two (2) years experience installing similar products.

1.06 Delivery, Storage, and Handling

- A. Ordering Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- B. Deliver and store products in manufacturer's original, unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- C. Handling: Handle materials to avoid damage.

1.07 Project Conditions

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limited recommended by manufacturer for optimum results. Do not store or install products under environmental conditions outside manufacturer's recommended limits.

1.08 Warranty

- A. Provide manufacturer's standard one-year product warranty against defects in materials.

PART 2 – PRODUCTS

2.01 Manufacturers

- A. Acceptable Manufacturer: 3 Rivers Sign. N6172 County Rd XX, Onalaska, WI (608) 779-9411. 3RiversSign@Highway35Signs.com
- B. Acceptable Manufacturer: LaCrosse Sign Group. 1450 Oak Forest Drive, Onalaska, WI. (608)781-1450. info@lacrossesign.com
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 23 00 – Alternates.

2.02 Materials

- A. Dimensional Letters: Typically used for main identification, installed directly on building façade as shown in Drawings. Provide the following by 2/90 Sign Systems:
 1. Font: ARIAL.
 2. Letter Height: 12"
 3. Letter Thickness: 3"
 4. Letter Material: CAB Thermoplastic, formed plastic, or injection-molded.
 5. Type: Non-illuminated.

2.03 Fabrication

- A. Assemble units to the greatest extent possible in the fabrication shop to minimum onsite splicing or assembly.
 1. Ensure welds are behind finished surfaces and will not transmit distortion or discoloration to finished surfaces.

2. Joints, miters and connections shall be tight and free of fractures.
 3. Extruded members to be free from extrusion marks. Square turns and corners sharp, curves true.
 4. Fasteners shall be concealed unless specifically shown on Drawings.
 5. Form work to required shapes and sizes, with true curves, lines and angles. Provide necessary rebates, lugs and brackets for assembly.
 6. Exposed ends and edges mill smooth, with corners slightly rounded
 7. Provide mounting to exterior wall surface using stand-offs.
- B. Components shall allow for expansion and contraction for a minimum material temperature range of 56 degrees C (100 degrees F), without causing buckling, excessive opening of joints or over stressing of adhesives and fasteners.
- C. Plane surfaces should be smooth, flat and without oil-canning, free of rack and twist. Restore texture to filled or cut areas.
1. Maximum variation from plane of surface plus or minus 0.032 inch (0.8mm).
- D. Movable parts, including hardware, shall be cleaned and adjusted to operate as designed without binding or deformation. Doors and covers centered in opening of frame. All contact surfaces fit tight and even without forcing or warping components.
- E. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for re-assembly and coordinated installation as indicated on Drawings.

PART 3 – EXECUTION

3.01 Examination

- A. Do not begin installation until substrates have been properly prepared.
1. Verify areas are finished and ready to receive signage.
 2. Verify location of cast-in anchors, mounting hardware, concrete foundations or similar supports are properly installed, in the proper locations, and of the type and size required for each type of sign.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Do not begin installation until unacceptable conditions are corrected.

3.02 Preparation

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project condition.
- C. Protect adjacent work and finished surfaces from damage during installation.

3.03 Installation

- A. Install in accordance with manufacturer's instructions, including product technical bulletins, product catalog installation instructions, and product carton installation instructions.
- B. Locate as indicated on the drawings, sign location plan, and in accordance with approved shop drawings.

- C. Avoid warps, buckles, distortion, opening joints, or overstressing welds or fasteners.
- D. Make final adjustments to components to ensure proper alignment, fit, and smooth operation of any removable or moveable parts

3.04 Cleaning

- A. Remove temporary coverings and protection of adjacent work areas.
- B. Clean installed products in accordance with manufacturer's instructions prior to owner's acceptance. Wipe clean with water-dampened cloth. Do not use chemicals or solvents.
- C. Remove construction debris from project site and legally dispose of debris.
- D. Clean all exposed surfaces in accordance with the manufacturer's instructions.

3.05 Protection

- A. Protect installed products until completion of project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.

END OF SECTION

SECTION 10 21 00

TOILET PARTITIONS

PART 1 – GENERAL

1.01 Section Includes

- A. Toilet Compartments
 - 1. Floor mounted and overhead braced.
 - 2. Accessories.
 - a. Door latching device – accessible compliant
 - b. Coat hook/bumper guard
- B. Urinal Screens – Wall-mounted

1.02 Related Sections

- A. Section 10 28 00 – Toilet and Bath Accessories

1.03 References

- A. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- B. ASTM A 240/A 240M - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
- C. Stainless Steel Industry of North America (SSINA): Stainless Steel Finishes.

1.04 Submittals

- A. Shop Drawings: Submit plan, section, elevation and perspective drawings showing layout, door swings, fixture clearance, hardware, and methods of anchoring.
- B. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- C. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.

1.05 Quality Assurance

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of five years experience.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of one year demonstrated experience in installing products of the same type and scope as specified.

1.06 Warranty

- A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.

PART 2 – PRODUCTS

2.01 Manufacturers

- A. Acceptable Manufacturers:
 - 1. American Sanitary Partition Corp.
 - 2. Bradley
 - 3. ASI Accurate Partitions
 - 4. General Partitions
 - 5. Bobric
 - 6. Or equal
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 23 00 – Alternates.

2.02 Phenolic Core Toilet Partitions

- A. Partition Construction:
 - 1. Toilet Partition Type: PH-FS - Phenolic Core, Floor Stile.
 - 2. Panels, Stiles, and Doors: Solid phenolic core decorative plastic laminate with multiple resin-impregnated kraft paper and surface sheets fused at high temperature and pressure; the edges being finished and polished; black core.
 - a. Panel Thickness: No less than 3/4 inch (13 mm) thick.
 - b. Stile Thickness: No less than 3/4 inch (19 mm) thick.
 - c. Door Thickness: No less than 3/4 inch (19 mm) thick.
- B. Materials:
 - 1. Panels: Solid phenolic core decorative plastic laminate with multiple resin-impregnated kraft paper and surface sheets fused at high temperature and pressure; the edges being finished and polished; black core.
 - a. Panel Thickness: 3/4 inch (19mm) Phenolic Core.
 - 2. Doors: Solid phenolic core decorative plastic laminate with multiple resin-impregnated kraft paper and surface sheets fused at high temperature and pressure; the edges being finished and polished; black core.
 - a. Door Thickness: 3/4 inch (19mm) Phenolic Core.
 - 3. Stiles: Solid phenolic core decorative plastic laminate with multiple resin-impregnated kraft paper and surface sheets fused at high temperature and pressure; the edges being finished and polished; black core.
 - a. Stile Thickness: 3/4 inch (19mm) Phenolic Core.
 - 4. Headrail: 6063-T5 Aluminum; etched and anodized.
- C. Fittings:
 - 1. Wall Brackets:
 - a. Full Height Continuous Brackets: Stainless Steel; #304 with a #4 finish; adjustable to keep panels and stiles clear from walls.
 - 2. Stile Cover Bases: Stainless Steel: #304 with a #4 finish; 3 inches (76mm) high.
 - 3. Panel Brackets:
 - a. Full Height Continuous Stainless Steel; #304 with a #4 finish; "U" brackets, adjustable to keep panels clear from pilasters.
- D. Hardware:

1. Door Hardware: Piano Hinge.
 - a. Hinges: Full Height Continuous Piano Hinge; #304 stainless steel with a #4 finish, surface mounted, through bolted with screws of same material and finish.
 - b. Fastening Hardware: Stainless Steel; #304 with a #4 finish.
2. Slide Latch: Stainless Steel; #304 with a #4 finish. Through bolted with one-way theft proof screws of the same material and finish.
3. Combination Bumper Coat Hook: Stainless Steel; #304 with a #4 finish.
4. Keepers: Stainless Steel; #304 with a #4 finish. Through bolted with one-way theft proof screws of the same material and finish.

2.03 Phenolic Core Urinal Screens

- A. Urinal Screen Type: #1 – Wall Hung
 1. Panel Shell: Solid phenolic core decorative plastic laminate with multiple resin-impregnated kraft paper and surface sheets fused at high temperature and pressure; the edges being finished and polished; black core.
 2. Panel Thickness: 1/2 inch (13mm).
 3. Panel Width: 18 inches (457mm),
 4. Panel Width: 24 inches (610mm).
 5. Panel Height: 48 inches (1219mm).
 6. Wall supported:
 - a. Attached with full height continuous stainless steel bracket.

2.04 Finishes

- A. Phenolic Core Finishes: Laminated surfacing as manufactured by Formica, Inc. or equal.
 1. Color: As selected from manufacturer's standard color offerings.

PART 3 – EXECUTION

3.01 Examination

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 Preparation

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project condition.

3.03 Installation

- A. Install in accordance with manufacturer's instructions.

3.04 Protection

- A. Protect installed products until completion of project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.

3.05 Cleaning

- A. Phenolic Core Partitions:
 - 1. Wipe laminate with a clean damp cloth or sponge using a mild soap, detergent, or general purpose cleaner.
 - 2. Do not use abrasive cleaners or powders, or abrasive scouring pads.

END OF SECTION

SECTION 10 28 13
TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.01 Section Includes

- A. Toilet and washroom accessories.

1.03 References

- A. ANSI A117.1 - Safety Standards for Handicapped.

1.04 Submittals

- A. Product Data: Provide data on accessories describing size, finish, details of function, and attachment method.
- B. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

1.05 Regulatory Requirements

- A. Conform to ANSI A117.1 for access for the handicapped.

1.06 Coordination

- A. Coordinate the work with the placement of internal wall reinforcement and reinforcement of toilet partitions to receive anchor attachments.

PART 2 - PRODUCTS

2.01 Manufacturers

- A. Manufacturer's names and model numbers are to indicate type and quality only. Products of other manufacturers are acceptable if equal to the specified product.

2.02 Products

- A. Toilet Tissue Dispenser:
 - 3. Dual Roll Toilet Tissue Dispenser with Shelf: Standard of Quality is based on *Bradley Model 5263* or equal. Surface-mounted, stainless steel.
- B. Napkin Disposal: Surface-mounted napkin disposal of 22 gauge stainless steel with satin finish, top attached by piano hinge, and bottom hinged for easy service; *Bradley Model 4781-15*.
- C. Mirrors: One piece roll-formed stainless steel angle frame with a satin finish. ¼ inch float glass, triple silvered, electroplated and guaranteed for 15 years against silver spoilage. *Bradley Model 780 24"x36"*.
- D. Mirror with Integral Shelf: One piece roll-formed stainless steel frame with a satin finish. ¼ inch float glass, triple silvered, electroplated and guaranteed for 15 years against silver spoilage. *Bradley Model 7805*.
 - 1. Size: 18" x 36".
- E. Grab Bars: 1-1/2 inch diameter, 18 gauge 304 stainless steel tubing with surface and concealed mounting; *Bradley Model 832*.
- F. Hand Dryer: Push-button, cast iron, white porcelain, surface mounted, with swivel nozzle as manufactured by World Dryers or equal.

1. Model No. A5-974.
 2. 2 Year Warranty.
- I. Paper Towel Dispenser: Roll paper towel dispenser as manufactured by San Jamar or equal.
1. Style: "Classic" T1100
 1. Dispenser: lever handle
 2. Roll Size: 800'/8" wide
 3. Mounting: wall
 4. Color: Black Pearl

PART 3 - EXECUTION

3.01 Examination

- A. Verify that site conditions are ready to receive work and dimensions are as required by manufacturer.

3.02 Preparation

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in dimensions as required.

3.03 Installation

- A. Install accessories in accordance with manufacturer's instructions and ANSI A117.1.
- B. Install plumb and level, securely and rigidly anchored to substrate.

END OF SECTION

SECTION 10 44 00
FIRE EXTINGUISHERS

PART 1 – GENERAL

1.01 Section Includes

- A. Fire Extinguishers.

1.02 Submittals

- A. Product Data: Provide extinguisher operational features.

PART 2 – PRODUCTS

2.01 Manufacturers

- A. Fire Extinguishers: Larsen's Mfg. or equal.

2.02 Fire Extinguishers

- A. Fire Extinguishers
 - 1. Provide extinguishers labeled by UL (DIR) for the purpose of specified and indicated.
- B. Dry Chemical Type Fire Extinguishers: Carbon steel tank with pressure gage.
 - 1. Cartridge Operated: Spun shell.
 - 2. Class: A:B:C.
 - 3. Size: 5 pound (2A-10B-C)
 - 4. Finish: baked polyester powder coat, red color.

2.03 Fire Extinguisher Cabinets (for Five (5) Pound Extinguishers)

- A. Metal: Formed primed steel sheet; 0.036 inch thick base metal.
- B. Cabinet Configuration: Recessed type.
- C. Door: 0.036 inch thick, reinforced for flatness and rigidity; latch. Hinge doors for 180 degree opening with two butt hinge. Provide nylon catch.
- D. Door Glazing: Plastic, clear, 1/8 inch thick acrylic. Set in resilient channel gasket glazing.

2.04 Accessories

- A. Extinguisher Brackets: Formed steel, chrome-plated for 10 pound extinguishers.

PART 3 – EXECUTION

3.01 Examination

- A. Verify rough openings for cabinet are correctly sized and located.

3.02 Installation

- A. Install in accordance with manufacturer's instructions.

- B. Install cabinets plumb and level in wall openings.
- C. Place extinguishers in cabinets and on wall brackets.
- D. Install per ADA height requirements.

END OF SECTION