

SECTION 101423 PANEL SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Panel signage.

1.02 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design 2010.
- B. ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.

1.03 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Samples: Submit two samples of each type of sign, of size similar to that required for project, indicating sign style, font, and method of attachment.
- C. Verification Samples: Submit samples showing colors, materials, and finishes specified.
- D. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Panel Signage:
 - 1. Best Sign Systems, Inc: www.bestsigns.com/#sle.
 - 2. FASTSIGNS International, Inc: www.fastsigns.com/#sle.
 - 3. Inpro Corporation: www.inprocorp.com/#sle.
 - 4. Mohawk Sign Systems, Inc: www.mohawksign.com/#sle.
 - 5. Vista System LLC: www.vistasystem.com/#sle.
 - 6. Substitutions: See Section 016000 - Product Requirements.

2.02 REGULATORY REQUIREMENTS

- A. Accessibility Requirements: Comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most restrictive requirements.

2.03 PANEL SIGNAGE

- A. Basis of Design:
 - 1. As indicated on drawings – drawings only provide INTENT it shall be incumbent upon the Contractor to coordinate final design and content with the Owner prior to fabrication and installation.
- B. Location(s):
 - 1. All doors entering rooms shall receive room signage – if two or more doors enter a particular room, both (all) door locations shall receive signage.
 - 2. Confirm signage content with the Owner or Architect prior to ordering signage.
- C. Panel Signage:
 - 1. Sign Size: As required to accommodate sign content.
 - 2. Color and Font, unless otherwise indicated:
 - a. As indicated on drawings.
 - 3. Tactile Letters: Raised 1/32 inch minimum.
 - 4. Braille: Grade II, ADA-compliant.

2.04 SIGNAGE APPLICATIONS

- A. Room and Door Signs:
 - 1. Office Doors: Identify with room names and numbers to be determined later, not those indicated on drawings.
 - 2. Conference and Meeting Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.
 - 3. Service Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.
 - 4. Rest Rooms: Identify with pictograms, the names "MEN" and "WOMEN", and braille.
- B. Traffic Signs: Handicap parking sign - locate where indicated on drawings.

2.05 ACCESSORIES

- A. Tape Adhesive: Double-sided tape, permanent adhesive.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install with horizontal edges level.
- C. Locate panel signs in accordance with ADA Standards and ICC A117.1.

END OF SECTION

**SECTION 102113.13
METAL TOILET COMPARTMENTS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Metal toilet compartments.
- B. Urinal screens.

1.02 RELATED REQUIREMENTS

- A. Section 061000 - Rough Carpentry: Blocking and supports.
- B. Section 102800 - Toilet, Bath, and Laundry Accessories.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate the work with placement of support framing and anchors in walls and ceilings.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate partition plan, elevation views, dimensions, details of wall, floor, and ceiling supports, door swings.
- C. Samples: Submit two samples of partition panels, 12" x 12" in size illustrating panel finish, color, and sheen.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Metal Toilet Compartments:
 - 1. All American Metal Corp - AAMCO: www.allamericanmetal.com/#sle.
 - 2. ASI Global Partitions: www.asi-globalpartitions.com/#sle.
 - 3. Hadrian: www.hadrian-inc.com/#sle.
 - 4. Substitutions: Section 016000 - Product Requirements.

2.02 COMPONENTS

- A. Toilet Compartments: Stainless steel, floor-mounted unbraced.
- B. Doors, Panels, and Pilasters: Sheet steel faces, pressure bonded to sound deadening core, formed and closed edges; corners made with corner clips or mitered, welded, and ground smooth.
 - 1. Panel Faces: 22 gauge, 0.0299 inch (0.76 mm).
 - 2. Door Faces: 22 gauge, 0.0299 inch (0.76 mm).
 - 3. Pilaster Faces: 20 gauge, 0.0359 inch (0.91 mm).
 - 4. Reinforcement: 12 gauge, 0.1046 inch (2.66 mm).
 - 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 (25 mm).
 - 2. Door Width: 24 inch (610 mm).
 - 3. Door Width for Handicapped Use: 36 inch (915 mm) , out-swinging.
 - 4. Height: 58 inch (1473 mm).
- D. Pilasters: 1-1/4 inch (32 mm) thick, of sizes required to suit compartment width and spacing.
- E. Urinal Screen Splash Panels: Stainless steel sheet 30 inch (76 mm) wide by 42 inch (1,066 mm) high mounted on partitions adjacent to urinals. Fasten with stainless steel screws spaced 8 inches (20 mm) on center.

2.03 ACCESSORIES

- A. Pilaster Shoes: Formed chromed steel with polished finish, 3 inch (175 mm) high, concealing floor fastenings.
 - 1. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster.
- B. Head Rails: Hollow chrome-plated steel tube, 1 by 1-5/8 inch (25 by 41 mm) size, with anti-grip strips and cast socket wall brackets.
- 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. Thumb turn or sliding door latch with exterior emergency access feature.
 - 3. Door strike and keeper with rubber bumper; mounted on pilaster in alignment with door latch.
 - 4. Coat hook with rubber bumper; one per compartment, mounted on door.
 - 5. Provide door pull for outswinging doors.

2.04 FINISHING

- A. Steel Compartments: Clean, degrease, and neutralize. Follow immediately with a phosphatizing treatment, prime coat and two finish coats powder coat enamel.
- B. Stainless Steel Compartments: No. 4 finish.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify correct spacing of and between plumbing fixtures.
- C. Verify correct location of built-in framing, anchorage, and bracing.

3.02 INSTALLATION

- A. Install partitions secure, rigid, plumb, and level in accordance with manufacturer's instructions.
- B. Maintain 3/8 to 1/2 inch (9 to 13 mm) space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices.
- D. Attach panels and pilasters to brackets. Locate head rail joints at pilaster center lines.

3.03 ADJUSTING

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch (5 mm).
- B. Adjust hinges to position doors in partial opening position when unlatched. Return out swinging doors to closed position.

END OF SECTION

**SECTION 102123
CUBICLE CURTAINS AND TRACK**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Suspended overhead curtain track and guides.
- B. Cubicle curtains.

1.02 RELATED REQUIREMENTS

- A. Section 011000 – Summary.
- B. Section 061000 - Rough Carpentry: Blocking and supports for track.

1.03 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data for curtain fabric characteristics.
- C. Shop Drawings: Indicate a reflected ceiling plan view of curtain track, hangers and suspension points, attachment details, schedule of curtain sizes.
- D. Samples: Submit 12 by 12 inch (300 by 300 mm) sample patch of curtain cloth with representative top, bottom, and edge hem stitch detail, heading with reinforcement and carrier attachment to curtain header.
- E. Samples: Submit 12 inch (300 mm) sample length of curtain track including typical splice, wall and ceiling hanger, and escutcheon.
- F. Maintenance Data: Include recommended cleaning methods and materials and stain removal methods.
- G. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. See Section 016000 - Product Requirements, for additional provisions.
 - 2. Extra Curtains: One of each type and size.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Cubicle Track and Curtains:
 - 1. Basis of Design:
 - a. Inpro: www.inprocorp.com
 - 2. A. R. Nelson Co: www.arnelson.com
 - 3. Construction Specialties, Inc; Track Systems: www.c-sgroup.com
 - 4. Imperial Fastener Co., Inc: www.imperialfastener.com
 - 5. Substitutions: See Section 016000 - Product Requirements.

2.02 TRACKS AND TRACK COMPONENTS

- A. Tracks: Extruded aluminum sections; one piece per track run.
 - 1. Profile: Channel.
 - 2. Mounting: Suspended.
 - 3. Track End Stop: To fit track section.
 - 4. Track Bends: Minimum 12 inch radius; fabricated without deformation of track section or impeding movement of carriers.
 - 5. Suspension Rods: Tubular aluminum sections, sized to support design loads and designed to receive attachment from track and ceiling support.
 - 6. Escutcheons: Where suspension rod meets finished ceiling or structure, provide escutcheons to match rod finish.
 - 7. Finish on Exposed Surfaces: White enamel.
- B. Curtain Carriers: Nylon rollers, size and type compatible with track; designed to eliminate bind when curtain is pulled; fitted to curtain to prevent accidental curtain removal.

- C. Installation Accessories: Types required for specified mounting method and substrate conditions.

2.03 CURTAINS

- A. Cubicle Curtains:
 - 1. Products:
 - a. Basis of Design: Inpro Silver Fabrics (\$\$).
 - 2. Material: Close weave to be selected by the Architect from manufacturer's intermediate (\$\$) line of fabric choices; anti-bacterial, self deodorizing, sanitized, and preshrunk.
 - 3. Color/Pattern: to be selected by the Architect from manufacturer's intermediate (\$\$) line of color and pattern choices.
 - 4. Open Mesh Cloth: Open weave to permit air circulation; flameproof material, to be selected by the Architect from manufacturer's Intermediate (\$\$) line of fabric choices and color.
- B. Curtain Fabrication:
 - 1. Width of curtain to be 10 percent wider than track length.
 - 2. Length of curtain to end 10 inches (254 mm) above finished floor.
 - 3. Include open mesh cloth at top 20 inches (508 mm) of curtain for room air circulation, attached to curtain as specified above.
 - 4. Curtain Heading: Fabric band matching curtain panel with metal grommet holes for carriers spaced 6 inches (150 mm) on center.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces and supports above ceiling are ready to receive work of this Section.
- B. Verify that field measurements are as indicated.

3.02 INSTALLATION

- A. Install curtain track to be secure, rigid, and true to ceiling line.
- B. Secure track to ceiling system.
- C. Install end cap and stop device.
- D. Install curtains on carriers ensuring smooth operation.

END OF SECTION

**SECTION 102310
GLAZED INTERIOR WALL AND DOOR ASSEMBLIES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Frameless glazed interior wall assembly.

1.02 REFERENCE STANDARDS

- A. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum 2020.
- B. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes 2021.
- C. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric) 2021.
- D. ASTM C920 - Standard Specification for Elastomeric Joint Sealants 2018.
- E. ASTM C1036 - Standard Specification for Flat Glass 2021.
- F. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass 2018.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene at project site seven calendar days prior to scheduled beginning of construction activities of this section to review section requirements.
 - 1. Require attendance by representatives of installer and other entities directly affecting, or affected by, construction activities of this section.
 - 2. Notify Architect four calendar days in advance of scheduled meeting date.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's descriptive literature for each component in partition assembly.
- C. Shop Drawings: Drawings showing layout, dimensions, identification of components, and interface with adjacent construction.
 - 1. Include field measurements of openings.
 - 2. Include Details Showing:
 - a. Requirements for support and bracing of overhead track.
 - b. Installation details.
 - c. Appearance of manufacturer-supplied door hardware and fittings.
- D. Selection Samples: Two sets, representing manufacturer's full range of available metal materials and finishes.
- E. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
- F. Manufacturer's Installation Instructions: Include complete preparation, installation, and cleaning requirements.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until installation.

1.06 WARRANTY

- A. See Section 017800 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a one year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 BASIS OF DESIGN - FRAMELESS GLAZED INTERIOR WALL AND DOOR ASSEMBLIES

- A. Basis of Design: C.R. Laurence Co., Inc; CRL Clear View Series Frameless Glass Wall Office System: www.crl-arch.com.
- B. Substitutions: See Section 016000 - Product Requirements.
 - 1. For any product not identified as "Basis of Design", submit information as specified for substitutions.

2.02 FRAMELESS GLAZED INTERIOR WALL AND DOOR ASSEMBLIES

- A. Frameless Glazed Interior Wall Assembly: Factory fabricated assemblies consisting of full-width and height glass panels fastened with low profile sidelite aluminum rail fittings on top and bottom edge of glass wall.
 - 1. Configuration: As indicated on drawings.
 - 2. Full Length Top and Bottom Sidelite Rails: 2-5/16 inch (59 mm) high by 1-1/2 inch (38 mm) deep with end caps.
 - 3. Sidelite Fittings, Clad Finish: Satin anodized.
 - 4. Glass Thickness: 1/2 inch (12.7 mm), tempered.
 - 5. Designed to withstand normal operation without damage, racking, sagging, or deflection.
 - 6. Finished metal surfaces protected with strippable film.
 - 7. Factory assembled to greatest extent practical; may be disassembled to accommodate shipping constraints.

2.03 MATERIALS

- A. Glass: Flat glass meeting requirements of ASTM C1036, Type I - Transparent Flat Glass, Class 2 - Tinted, Quality Q3, fully tempered in accordance with ASTM C1048, Kind FT, and as follows:
 - 1. Thickness: 1/4 inch (6.4 mm).
 - 2. Color: Grey tint; low iron.
 - 3. Prepare glazing panels for indicated fittings and hardware before tempering.
 - 4. Polish edges that will be exposed in finished work to bright flat polish.
 - 5. Temper glass materials horizontally; visible tong marks or tong mark distortions are not permitted.
- B. Aluminum Components: Complying with ASTM B221 (ASTM B221M), alloy 6063, T5 temper.
- C. Sealant: One-part silicone sealant, complying with ASTM C920, clear.

2.04 FINISHES

- A. Class I Natural Anodized Finish:
 - 1. AAMA 611 AA-M12C22A41 Clear anodic coating not less than 0.7 mils (0.018 mm) thick.
 - 2. Color to be selected from manufacturer's full range of standards.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify that track supports are properly braced, level within 1/4 inch (6 mm) of required position and parallel to the floor surface.
- C. Verify floor flatness of 1/8 inch in 10 feet (3 mm in 3 m), non-cumulative.
- D. Do not begin installation until supports and adjacent substrates have been properly prepared.
- E. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 INSTALLATION

- A. Install in accordance with glazed interior wall and door assembly manufacturer's instructions.
- B. Fit and align glazed interior wall and door assembly level and plumb.

3.03 CLEANING

- A. Remove protective film from exposed metal surfaces.
- B. Metal: Clean exposed metal finishes with potable water and mild detergent, in accordance with manufacturer recommendations; do not use abrasive materials or chemicals, detergents or other substances that may damage the material or finish.
- C. Glass and Glazing: Clean glazing surfaces; remove excess glazing sealant compounds, dirt, and other substances.

3.04 CLOSEOUT ACTIVITIES

- A. See Section 017800 - Closeout Submittals, for closeout submittals.

3.05 PROTECTION

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

END OF SECTION

**SECTION 102600
WALL AND DOOR PROTECTION**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Corner guards.

1.02 RELATED REQUIREMENTS

- A. Section 061000 - Rough Carpentry: Blocking for wall and corner guard anchors.
- B. Section 092116 - Gypsum Board Assemblies: Placement of supports in stud wall construction.

1.03 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design 2010.
- B. ASTM D256 - Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics 2023, with Editorial Revision.
- C. ASTM F476 - Standard Test Methods for Security of Swinging Door Assemblies 2023.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Product Data: Indicate physical dimensions, features, wall mounting brackets with mounted measurements, anchorage details, and rough-in measurements.
- C. Samples: Submit samples illustrating component design, configurations, joinery, color and finish.
 - 1. Submit two sections of corner guards, 24 inches (610 mm) long.

1.05 WARRANTY

- A. See Section 017800 - Closeout Submittals for additional warranty requirements.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Protective Wall Covering:
 - 1. Basis of Design:
 - a. Manninton: www.manninton.com
 - 1) 691 Flexible Corner Guard
- B. Acceptable manufacturer's of similar products:
 - 1. Construction Specialties, Inc: www.c-sgroup.com
 - 2. MDC Interior Solutions: www.mdcwall.com
- C. Substitutions: See Section 016000 - Product Requirements.

2.02 PERFORMANCE CRITERIA

- A. Impact Strength: Unless otherwise noted, provide protection products and assemblies that have been successfully tested for compliance with applicable provisions of ASTM D256 and/or ASTM F476.

2.03 PRODUCT TYPES

- A. Corner Guards - Surface Mounted:
 - 1. Material: Rubber, UV-resistant, black, uniform in color, smooth texture.
 - 2. Width of Wings: Minimum 2 inches (51 mm).
 - 3. Corner: Radiused.
 - 4. Color: As selected from manufacturer's standard colors.
 - 5. Length: 4'-0" - one piece.

2.04 FABRICATION

- A. Fabricate components with tight joints, corners, and seams.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install corner guards at all exposed gypsum board corners and at ends of all exposed wing walls.
- B. Position corner guard 4 inches (102 mm) above finished floor to 48 inches high.

END OF SECTION

SECTION 102800
TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Commercial toilet accessories.
- B. Wall hung concrete lavatory.
- C. Utility room accessories.

1.02 RELATED REQUIREMENTS

- A. Section 061000: Concealed supports for accessories, including in wall framing and plates and above ceiling framing.
- B. Section 102113.13 - Metal Toilet Compartments.
- C. Section 224000 - Plumbing Fixtures: Under-lavatory pipe and supply covers.

1.03 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design 2010.
- B. ASME A112.18.9 - Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures 2011 (Reaffirmed 2022).
- C. ASTM A269/A269M - Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service 2022.
- D. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar 2023.
- E. ASTM C1036 - Standard Specification for Flat Glass 2021.
- F. ASTM C1503 - Standard Specification for Silvered Flat Glass Mirror 2018.
- G. ASTM C1822 - Standard Specification for Insulating Covers on Accessible Lavatory Piping 2021.
- H. ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.

1.04 ADMINISTRATIVE REQUIREMENTS

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

1.05 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
- C. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Commercial Toilet, Shower, and Bath Accessories:
 - 1. Basis of Design:
 - a. Bradley Corporation: www.bradleycorp.com.
 - 2. AJW Architectural Products: www.ajw.com/#sle.
 - 3. American Specialties, Inc: www.americanspecialties.com/#sle.
 - 4. Kimberly-Clark Corporation; Kimberly-Clark Professional ICON Collection: www.kcprofessional.com/#sle.
 - 5. Substitutions: Section 016000 - Product Requirements.

- B. Lavatory System: Rectangular countertop deck with Integral Ramp Basin(s), precast GFRC, wall mounted.
 - 1. Basis-of-Design Product: Trueform 72" ADA Floating Concrete Double Half-Thru Sink.
 - 2. Basin(s) and Countertop:
 - a. Standard: CSA B45.8/IAPMO Z403 – ICC A117.1.
 - b. Type: Straight front and side aprons with backsplash.
 - c. Number of stations: Two
 - d. Overall Countertop size: Refer to plans
 - e. Basin I.D.: FLO-72C-DBL-ADA-PARENT
 - f. Faucet-Hole Punching (per Station): Coordinate with fixture as specified in the Plumbing section.
 - g. Faucet-Hole Location: Top
 - h. Color: To be selected from manufacturer's full range of standard colors.
 - i. Mounting: Trueform Concrete wall brackets.
 - j. Support: Trueform Concrete FSB-L
- C. Provide products of each category type by single manufacturer.

2.02 MATERIALS

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
- B. Stainless Steel Sheet: ASTM A666, Type 304.
- C. Stainless Steel Tubing: ASTM A269/A269M, Grade TP304 or TP316.
- D. Mirror Glass: Annealed float glass, ASTM C1036 Type I, Class 1, Quality Q2, with silvering, protective and physical characteristics complying with ASTM C1503.
- E. Adhesive: Two component epoxy type, waterproof.
- F. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.

2.03 FINISHES

- A. Stainless Steel: Satin finish, unless otherwise noted.

2.04 COMMERCIAL TOILET ACCESSORIES

- A. Toilet Paper Dispenser:
 - 1. Refer to Drawings.
- B. Paper Towel Dispenser:
 - 1. Refer to Drawings.
- C. Combination Towel Dispenser/Waste Receptacle:
 - 1. Refer to Drawings.
- D. Soap Dispenser:
 - 1. Refer to Drawings.
- E. Mirrors:
 - 1. Bradley Model 747-036720; at two locations.
- F. Grab Bars:
 - 1. Refer to Drawings.
- G. Sanitary Napkin Disposal Unit:
 - 1. Refer to Drawings.

2.05 UTILITY ROOM ACCESSORIES

- A. Mop and Broom Holder:
 - 1. Bradley Model 9985

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.
- C. See Section 061000 for installation of blocking, reinforcing plates, and concealed anchors in walls and ceilings.

3.02 PREPARATION

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

3.03 INSTALLATION

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install plumb and level, securely and rigidly anchored to substrate.
- C. Mounting Heights: As required by accessibility regulations, unless otherwise indicated.

3.04 PROTECTION

- A. Protect installed accessories from damage due to subsequent construction operations.

END OF SECTION

SECTION 105113 METAL LOCKERS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Metal lockers.

1.02 RELATED REQUIREMENTS

- A. Section 061000 - Rough Carpentry: Wood base construction.
- B. Section 061000 - Rough Carpentry: Wood blocking and nailers.

1.03 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design 2010.
- B. ASTM A879/A879M - Standard Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface 2022.
- C. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable 2021a.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.
- B. Product Data: Manufacturer's published data on locker construction, sizes, and accessories.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Metal Lockers:
 - 1. ASI Storage Solutions: www.asi-storage.com
 - 2. Penco Products, Inc: www.pencoproducts.com
 - 3. Republic Storage Systems Co: www.republicstorage.com
 - 4. Tennsco Storage: www.tennsco.com
 - 5. Substitutions: See Section 016000 - Product Requirements.

2.02 LOCKER APPLICATIONS

- A. Student Lockers: Metal lockers, wall mounted with matching closed base.
 - 1. Width: 15 inches (381 mm).
 - 2. Depth: 12 inches (305 mm).
 - 3. Height: 72 inches (1830 mm).
 - 4. Configuration: Two tier.
 - 5. Fittings: Size and configuration as indicated on drawings.
 - 6. Ventilation: Louvers at top and bottom of door panel.
 - 7. Locking: Padlock hasps, for padlocks provided by Owner.
 - 8. Color: To be selected from manufacturer's full range of standard colors and finishes.

2.03 METAL LOCKERS

- A. Locker Case Construction:
 - 1. Heavy-Duty, Welded Construction: Made of formed and welded together sheet steel; metal edges finished smooth without burrs; baked enamel or powder coat finished inside and out.
- B. Doors: Channel edge; welded construction, manufacturer's standard stiffeners, grind and finish edges smooth.
 - 1. Door Thickness: 16 gauge, 0.0598 inch (1.52 mm), minimum.
 - 2. Form recess for operating handle and locking device.
- C. Latches and Door Handles: Manufacturer's standard.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Place and secure on prepared base.
- C. Install lockers plumb and square.
- D. Install fittings if not factory installed.
- E. Replace components that do not operate smoothly.

END OF SECTION