

SECTION 10260	WALL PROTECTION SYSTEMS
SECTION 10425	SIGNAGE
SECTION 10522	FIRE EXTINGUISHERS AND CABINETS
SECTION 10800	TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SUMMARY

- A. Work Included:
 - 1. Removal, cleaning and re-installation of existing wall protection systems.
- B. Related Work Specified Elsewhere:
 - 1. Section 06100: Rough Carpentry.
 - 2. Section 09250: Gypsum Drywall.
 - 3. Section 09900: Painting.

1.03 SUBMITTALS

- A. Product Data: Submit manufacturer's product literature and installation instructions for each type of wall protection system and installation accessory required. Include methods of installation for each type of substrate.
 - 1. Submit written data on physical characteristics, durability, resistance to fading and flame resistance characteristics.
- B. Maintenance Data: Include data in Maintenance Manual specified in Division-1.
- C. Shop Drawings: Submit shop drawings showing location, extent and installation details of wall protection systems.
- D. Samples: Submit manufacturer's standard size samples showing full range of materials, colors, and textures available for each type of wall protection systems material required.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm (material producer) with not less than 2 years of production experience, whose published literature clearly indicates general compliance of products with requirements of this section.
- B. Installer Qualifications: Firm specializing in installation of wall protection systems with not less than 2 years experience in installations similar to that required for this project.
- C. Single Source Responsibility: Provide material produced by a single manufacturer for each wall protection system type, except as noted.

1.05 TESTING

- A. Test Reports: Submit certified test reports evidencing compliance with requirements for fire performance characteristics.
- B. Fire Performance Characteristics: Provide wall protection system material that is identical to that tested for the following fire performance requirements, according to test method indicated, by UL or other testing and inspecting agency acceptable to authorities having jurisdiction.
 - 1. Surface Burning Characteristics: As follows:
 - a. Wallcovering: UL 723 Flame Spread 10 - 25, Smoke Developed 450.
 - b. Test Method: ASTM E 84.

- c. Wall Protection: With UL label indicating that materials are identical to those tested in accordance with Class I Fire rating in accordance with UL – 723 ASTM E84.
 - C. Physical Properties: Provide wall protection system material treated with an antimicrobial additive.
 - D. Certification: Submit manufacturer's certificate stating that materials furnished comply with specified requirements. Include supporting certified laboratory testing data indicating that material meets specified test requirements.
- 1.06 DELIVERY, STORAGE AND HANDLING
- A. Deliver materials to project site in original factory wrappings and containers, clearly labeled with identification of manufacturer, brand name, quality or grade, fire hazard classification, and lot number. Store materials in original undamaged packages and containers, inside well-ventilated area protected from weather, moisture, soiling, extreme temperatures, humidity; laid flat, blocked off ground to prevent sagging and warping.
 - B. Comply with instructions and recommendations of manufacturer for special delivery, storage, and handling requirements.
- 1.07 SEQUENCING AND SCHEDULING
- A. Sequence wall protection system installation with other work to minimize possibility of damage and soiling during remainder of construction period.
- 1.08 MAINTENANCE
- A. Maintenance Instructions: Submit manufacturer's printed instructions for maintenance of installed work, including methods and frequency recommended for maintaining optimum condition under anticipated traffic and use conditions. Include precautions against materials and methods which may be detrimental to finishes and performance.

PART 2 - PRODUCTS _____

Not Used.

PART 3 - EXECUTION _____

3.01 EXAMINATION

- A. Examine areas and conditions in which wall protection systems will be installed. Do not proceed until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Prior to installation, clean substrate to remove dust, debris and loose particles.
- B. Illuminate areas of installation using building's permanent lighting system; temporary lighting alone will not be acceptable.
- C. Verify that materials comply with specifications before installing.

3.03 INSTALLATION

- A. Install wall protection systems and accessories after other finishing operations, including painting, have been completed.

- B. Do not use material with chips, cracks, voids, stains, or other defects which might be visible in the finished work.
- C. Install material and assemblies to comply with drawings and final shop drawings in strict compliance with manufacturer's printed instructions. Adjust accessories for proper system alignment.
- D. Install "Rigid Plastic Wallcovering" wall protection panels horizontally, unless noted otherwise. Provide flush 1/16 inch butt joints filled with sealant of color matching wall protection panels. Provide with outside corner trim and top caps.
- E. Install wainscot trim on tops of all wall protection panels.
- F. Install level and plumb at the height indicated on the drawings. Attachment hardware shall be appropriate for wall construction. Field verify reinforcing has been installed in walls to attach handrails.
- G. To be installed before vinyl base is installed.

3.04 FIELD QUALITY CONTROL

- A. Remove and replace material that is broken, chipped, stained or otherwise damaged and does not match adjoining work. Provide new matching units, installed as specified and in manner to eliminate evidence of replacement.

3.05 CLEANING

- A. Immediately upon completion of installation, clean installed material.
- B. Remove excess adhesive, using methods and materials recommended by manufacturer.
- C. Remove surplus materials, rubbish, and debris resulting from installation upon completion of work, and leave areas of installation in neat, clean condition.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. General provisions of the Contract, including General and Supplementary Conditions, Division 1 Specification Sections and Drawings, apply to this Section.

1.02 SUMMARY

- A. Work Included:
 - 1. Removal, cleaning and reinstallation of all existing signage.
 - 2. Miscellaneous related accessories and items necessary for their installation.
- B. Related Work Specified elsewhere:
 - 1. Section 09250: Gypsum Drywall.
 - 2. Section 09900: Painting.

1.03 SYSTEM PERFORMANCE REQUIREMENTS

- A. Installation of signs to meet all applicable codes.

1.04 SUBMITTALS

- A. Shop Drawings: For each type of identifying device, include complete physical and dimensional information, and all mounting details; provide dimensional elevations; show anchorages, grounds, and reinforcement.

1.05 QUALITY ASSURANCE

- A. Upon notification by the Architect, the Contractor shall meet with the Architect at the Project Site to review the identifying devices installation procedure and coordination with other trades. The Contractor shall have available at this meeting, the installation procedures for each Sign Type required, and a tentative work schedule.
- B. Sign Contractor shall be an experienced installer with at least five (5) years of experience with projects of a similar size.
 - 1. Installation shall be by skilled mechanics and of the highest degree of workmanship in accordance with the manufacturer's recommended standards and procedures. Said recommendations shall cover the direct application of all identifying devices in the Project and shall be in accordance with the final reviewed Shop Drawings and Sample Submittals.
- C. Signage shall be provided to conform with the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and State and Local Representatives. These requirements supersede Technical Specifications in this Section.

PART 2 - PRODUCTS

2.01 INTERIOR SIGN MOUNTING

- A. Mounting Heights: As indicated on Drawings.
- B. Installation Materials for Wall Mounted Signs: 3/4-inch adhesive foam tape on all four edges of signs.
- C. All sign edges shall be finished smooth and even.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Examine all surfaces and parts of the structure on which the identifying devices are to be installed, and notify the Architect in writing if any conditions are detrimental to the proper and timely completion of the Work. Do not proceed with the installation until such conditions have been corrected in a manner acceptable to the Architect.
- B. Clean wall surfaces which are to receive identifying devices just prior to the installation. Before installing interior identifying devices, painting shall be completed and dry, and wallcovering and millwork shall be installed.
- C. Once this Contractor commences the installation on the site, in a room or area, it shall be assumed that the conditions therein have been accepted. Any repairs, alterations, or further corrections in the sign location vicinity shall become the responsibility of the Contractor.

3.02 INSTALLATION

- A. Provide identifying devices at all locations required, except where unforeseen obstacles interfere with this standard. The Owner will make the decision on alternative placement, when required.
- B. Install all identifying devices free of imperfections of any type.
- C. Keep premises free and clear of all waste material in connection with this Work, and at the completion of the work, remove all waste and implements, and leave the work area clean.

3.03 MOUNTING - IDENTIFYING DEVICES - INTERIOR

- A. Mountings shall be made with 1/32-inch thick vinyl tape, applied to perimeter of sign back.

3.04 CLEANING

- A. At completion of the installation, clean soiled surfaces of sign units in accordance with the manufacturer's instructions.

3.05 PROTECTION

- A. Protect installed sign units from damage until acceptance by the Owner.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SUMMARY

- A. Work Included:
 - 1. Removal, cleaning and re-installation of existing fire extinguishers, fire extinguisher cabinets and mounting brackets.
- B. Related Work Specified Elsewhere:
 - 1. Section 09250: Gypsum Board.
 - 2. Section 09900: Painting.

1.03 DEFINITION

- A. Fire Extinguishers: As used in this section refers to units which can be hand-carried as opposed to those which are equipped with wheels or to fixed fire extinguishing systems.

1.04 QUALITY ASSURANCE

- A. Coordination: Verify that fire extinguisher cabinets are sized to accommodate fire extinguishers of type and capacity indicated.

PART 2 - PRODUCTS

Not Used.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install items included in this section in locations and at mounting heights indicated, or if not indicated, at heights to comply with applicable regulations of governing authorities.
 - 1. Prepare recesses in walls for fire extinguisher cabinets as required by type and size of cabinet and style of trim and to comply with manufacturer's instructions.
 - 2. Securely fire extinguisher cabinets to structure, square and plumb, to comply with manufacturer's instructions.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. General provisions of the Contract, including General and Supplementary Conditions, Division-1 Specification Sections and Drawings, apply to work of this Section.

1.02 SUMMARY

- A. Work Included:
 - 1. Removal, cleaning and re-installation of existing toilet accessory items.
- B. Related Work Specified Elsewhere:
 - 1. Section 06100: Rough Carpentry.
 - 2. Section 09250: Gypsum Drywall.

1.03 SUBMITTALS

- A. Setting Drawings: Where cutouts are required in other work, provide templates, substrate preparation instructions, and directions for preparing cutouts and for installation of anchorage devices.
- B. Maintenance Instructions: Manufacturer's recommendations for operation and maintenance.

1.04 QUALITY ASSURANCE

- A. Inserts and Anchorages: Furnish inserts and anchoring devices that must be set in concrete or built into masonry; coordinate delivery with other work to avoid delay.
- B. Only workers skilled in the installation of toilet and bath accessories shall perform the work required.
- C. Install accessories in accordance with all applicable codes and ordinances.

1.05 PROJECT CONDITIONS

- A. Coordinate accessory locations, installation, and sequencing with other work to avoid interference and to assure proper installation, operation, adjustment, cleaning, and servicing of toilet accessory items.
- B. Handle accessories carefully to prevent damage to finished surfaces.
- C. Maintain protective covers on all units and remove these covers at final clean up.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Unless indicated otherwise, fabricate units of no lighter than 22-gage minimum, 302 or 304L stainless steel; all welded construction, flush surface design, stiffened or reinforced as necessary. Spot weld lap joints; heliarc continuous weld flanges and outside joints. Exposed stainless steel surfaces shall have a No. 4 satin finish.
- B. Stainless Steel: AISI Type 302/304, with polished No. 4 finish, 22-gage (0.034-inch) minimum thickness, unless otherwise indicated.

- C. Brass: Unleaded, flat products, ASTM B 19; rods, shapes, forgings, and flat products with finished edges, ASTM B 16, Castings, ASTM B-30.
- D. Sheet Steel: Cold-rolled, commercial quality ASTM A 366, 20-gage (0.040-inch) minimum, unless otherwise indicated. Surface preparation and metal pretreatment as required for applied finish.
- E. Galvanized Steel Sheet: ASTM A 527, G60.
- F. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.
- G. Galvanized Steel Mounting Devices: ASTM A 153, hot-dip galvanized after fabrication.
- H. Fasteners: Screws, bolts, and other devices of same material as accessory unit or of galvanized steel where concealed.
- I. Aluminum Extruded Bars and Shapes: ASTM B 221, alloys as follows:
 - 1. 6463-T5 or 6063-T5.
- J. Heat Treated Float Glass: Uncoated, Clear, Heat-Treated Float Glass: ASTM C 1048, Condition A (uncoated surfaces), Type I (transparent glass, flat), Class 1 (clear), Quality q3 (glazing select), kind as indicated below.
 - 1. Kind FT fully tempered.

2.02 FABRICATION

- A. No names or labels are permitted on exposed faces of toilet and bath accessory units. On either interior surface not exposed to view or on back surface, provide identification of each accessory item by either a printed, waterproof label or a stamped nameplate indicating manufacturer's name and product model number.
- B. Surface-Mounted Toilet Accessories: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.
- C. Recessed Toilet Accessories: Except where otherwise indicated, fabricate units of all welded construction, without mitered corners. Hang doors or access panels with full-length stainless steel piano hinge. Provide anchorage that is fully concealed when unit is closed.
- D. Framed Mirror Units: Fabricate frames for glass mirror units to accommodate wood, felt, plastic, or other glass edge protection material. Provide mirror backing and support system that will permit rigid, tamperproof glass installation and prevent accumulation of moisture, as follows:
 - 1. Provide galvanized steel backing sheet, not less than 22 gage (0.034 inch) and full mirror size, with nonabsorptive filler material. Corrugated cardboard is not an acceptable filler material.
- E. Mirror Unit Hangers: Provide system of mounting mirror units that will permit rigid, tamperproof, and theftproof installation, as follows:
 - 1. One-piece galvanized steel wall hanger device with spring action locking mechanism to hold mirror unit in position with no exposed screws or bolts.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install toilet accessory units in accordance with manufacturers' instructions, using fasteners appropriate to substrate and recommended by manufacturer of unit. Install units plumb and level, firmly anchored in locations and at heights indicated.
- B. Secure mirrors to walls in concealed, tamperproof manner with special hangers, toggle bolts, or screws. Set units plumb, level, and square at locations indicated, in accordance with manufacturer's instructions for type of substrate involved.

3.02 ADJUSTING

- A. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items.

3.03 CLEANING

- A. Clean and polish all exposed surfaces in strict accordance with manufacturer's recommendations after removing temporary labels and protective coatings.

END OF SECTION