

**Division 10**  
Specialties



SECTION 10210 - LOUVERS AND VENTS

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide wall louvers and vents.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Manufacturers: Airline Products, Airolite, Construction Specialties, Industrial Louvers or approved equal.
- B. Aluminum louvers:
  - 1. Aluminum Extrusions: ASTM B 221, alloy 6063-T5 or T51, 0.81" minimum thickness.
  - 2. Blades: Horizontal storm-resistant louvers.
  - 3. Blade Type: Fixed.
  - 4. Finish: Baked enamel.
- C. Louver Accessories:
  - 1. Insect screens.
- D. Wall Vents:

1. Material: Extruded aluminum.
2. Blade Type: Fixed.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Comply with AMCA Standard 500 and provide units with AMCA Certification rating seal. Comply with SMACNA Sheet Metal Manual except as otherwise indicated.
- C. Provide separate continuous sills where needed to prevent water penetration. Maintain equal blade-to-blade and blade-to-frame spacing for uniform appearance. Provide concealed vertical mullions and reinforcement as needed.
- D. Provide anchors, supports and accessories as needed. Provide gaskets, flashings and fillers as necessary to make installation watertight.
- E. Restore damaged finishes. Clean and protect work from damage.

END OF SECTION

## SECTION 10300 - FIREPLACES AND STOVES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Provide the following:
  - 1. Prefabricated fireplaces.
  - 2. Fireplace trim.

#### 1.2 SUBMITTALS

- A. **Product Data:** Submit manufacturer's product data and installation instructions for each material and product used.
- B. **Shop Drawings:** Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- C. **Operation and Maintenance Data:** Submit manufacturer's operation and maintenance data, including operating instructions, list of spare parts and maintenance schedule.

#### 1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. **Manufacturers:** Heatilator, Heat-N-Glo Fireplace Products, Majestic, or approved equal.
- B. **Prefabricated Fireplaces:**
  - 1. **Fuel:** Natural Gas.
  - 2. **Construction:** Sheet metal, firebrick lined.
  - 3. **Style:** Traditional, one-sided.
    - a. Arched.

- 4. Ventless
- C. Fireplace Trim:
  - 1. Facing: Stone.
  - 2. Hearth: Stone.
  - 3. Mantel: Wood.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

END OF SECTION

## SECTION 10433 - EXTERIOR SIGNAGE

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Provide exterior signage.

#### 1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- C. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.

#### 1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. Manufacturers: ASI Sign Systems, The Supersine Co., Vomar Products, or approved equal.
- B. Dimensional Letter Signage:
  - 1. Cut metal - aluminum 4" height.
  - 2. Exterior grade, powder coated finish..
- C. Room, Common Area Signage:
  - 1. Acrylic.
  - 2. Interior/exterior with durable overcoat, cut from solid stock.

3. Copy: Embossed, raised letter.
4. Common area signage to have braille.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes. Clean and protect work from damage.

#### 3.2 SCHEDULE

- A. Unit numbers: three digit, 2" height, acrylic sign (64 required).
- B. Parking garage: 4" height, cut aluminium (2 required).
- C. Women's locker room: acrylic sign, braille.
- D. Men's locker room: acrylic sign, braille.
- E. Exercise room: acrylic sign, braille.
- F. Elevator: acrylic sign, braille (4 required).
- G. Massage room: acrylic sign, braille.
- H. Virtual golf: acrylic sign, braille.
- I. Machine room: acrylic sign, braille (2 required).
- J. Electrical room: acrylic sign, braille (8 required).
- K. Women's restroom: acrylic sign, braille, international handicap symbol.
- L. Men's restroom: acrylic sign, braille, international handicap symbol.
- M. Cabana: (number 1-10), 2" height, cut aluminium.
- N. Mechanical room: acrylic sign, braille (10 required).

END OF SECTION

## SECTION 10523 - FIRE EXTINGUISHERS AND CABINETS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Provide fire extinguishers.
- B. Provide fire extinguishers and cabinets.

#### 1.2 SUBMITTALS

- A. **Product Data:** Submit manufacturer's product data and installation instructions for each material and product used.
- B. **Shop Drawings:** Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.

#### 1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. **Standards:** UL and FM listed products, NFPA 10.
- C. **Regulations:** ADAAG.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. **Manufactures:** J. L. Industries, Larsen's Manufacturing, Potter-Roemer, or approved equal.
- B. **Fire Extinguishers:**
  - 1. **Type:** Multipurpose dry chemical type.
  - 2. **Rating:** Sized for project requirements.
  - 3. **Public Area Mounting:** Cabinet mounted.
  - 4. **Service Area Mounting:** Metal brackets.

C. Cabinets:

1. Mounting: Semi-recessed.
2. Trim: Exposed.
3. Doors: Aluminum, baked enamel finish.
4. Door Style: Acrylic bubble.
5. Accessories:
  - a. Signage.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Install fire extinguishers in mechanical and service areas with wall-hung brackets at locations and heights indicated and acceptable to authorities having jurisdiction.
- C. Install fire extinguishers in cabinets in public areas plumb and level at heights acceptable to authorities having jurisdiction.
- D. Restore damaged finishes. Clean and protect work from damage.

END OF SECTION

## SECTION 10550 - POSTAL SPECIALTIES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Provide postal specialties.

#### 1.2 SUBMITTALS

- A. **Product Data:** Submit manufacturer's product data and installation instructions for each material and product used.
- B. **Shop Drawings:** Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- C. **Samples:** Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.

#### 1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. **Regulations:** USPS regulations.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. **Manufacturers:** American Device Manufacturing, Auth-Florence, Bommer Industries, Cutler Manufacturing, or approved equal.
- B. **Mail Collection Boxes:**
  - 1. **Loading:** Front loading type.
  - 2. **Materials:** Steel, baked enamel finish.
- C. **Parcel Lockers:**

1. Loading: Front-loading type.
2. Materials: Aluminum, baked enamel finish.
3. Numbering: engraved in door

D. Letter Drop (Mail Slot):

1. Mounting: Wall mounted.
2. Materials: Aluminum, satin anodized finish.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

END OF SECTION

## SECTION 10810 - TOILET ACCESSORIES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Provide toilet accessories and metal-framed mirrors.

#### 1.2 SUBMITTALS

- A. **Product Data:** Submit manufacturer's product data and installation instructions for each material and product used.
- B. **Shop Drawings:** Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.

#### 1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. **Manufacturers:** American Specialties Inc., Bobrick Washroom Equipment, Bradley Corp., or approved equal.
- B. **Toilet Accessories:**
  - 1. Toilet tissue dispensers, single roll.
  - 2. Toilet tissue dispensers, double roll.
  - 3. Grab bars.
  - 4. Sanitary napkin disposal units.
  - 5. Soap dispensers, wall mounted.
  - 6. Shower curtain rods.
  - 7. Soap dishes, recessed.
  - 8. Towel bars.
  - 9. Folding shower seats.
  - 10. Mop and broom holders.
  - 11. Robe hooks.

12. Baby changing stations.
13. Electric hand dryers.

C. Mirrors and Frames:

1. Glazing: Mirror glass, 1/4 inch thick, ASTM C 1036.
2. Frames: Stainless steel.
3. Frames: Aluminum.
4. Type: Standard wall unit.
5. Type: Fixed tilt type.

D. Finishes:

1. Stainless Steel; AISI Type 302 or 304, No. 4 polished finish.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

END OF SECTION

SECTION 10900 - COATED WIRE SHELF AND ROD

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 DESCRIPTION OF WORK

- A. Extent of closet specialties in this section include the following:
  - 1. Epoxy plastic coated steel rod ventilated shelving.
  - 2. Matching hardware.

1.3 QUALITY ASSURANCE

- A. Manufacturer: Furnish coated steel shelf and rod and all matching mounting hardware by one manufacturer.

1.4 SUBMITTALS

- A. Product Data: Submit copies of manufacturer's technical data and installation instructions for each component part, including data substantiating that materials comply with requirements.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Provide ventilated steel rod shelving manufactured by Closet Maid and constructed of Grade C 1008 Cold Drawn Basic Steel Rod, 100,000 psi tensile strength. Top rods spaced 1" on centers and welded to the main rods by resistance method in accordance with best welding standards. All ends of top rods are trimmed.
- B. Provide shelving cleaned and phosphated to insure a perfect bond of epoxy plastic coating to the steel. Coat in an automatic electrostatic spray system, where the epoxy is fused on the steel and cured, providing a continuous coating on all surfaces.
- C. Width of shelf and rod as shown on drawings, shall be job measured.

- D. Provide intermediate support braces so that spans do not exceed 3'0" on Shelf and Rod Shelving. Shelving shall withstand a static load of 75 lb. per square foot.
- E. Provide shelving cut to length on the job using a power tool, bolt cutter or hack saw. Provide plastic end caps to cover cut ends.
- F. Color: Bright White. The epoxy hard non-porous durable surface is non-absorbent, will not yellow or become sticky.

**PART 3 - EXECUTION**

**3.1 INSPECTION**

- A. Installer must examine areas and conditions under which units are to be installed and must notify Contractor in writing of conditions detrimental to proper and timely completion of work. Do not proceed with work until unsatisfactory conditions have been corrected in manner acceptable to Installer.

**3.2 INSTALLATION**

- A. Coated steel shelf and rod shall be fastened directly to the wall level and plumb with Manufacturer's recommended fasteners.

**3.3 ADJUST AND CLEAN**

- A. Verify accessories required for unit properly installed.
- B. Clean unit in accordance with manufacturer's instructions.

**END OF SECTION 10900**