

## SECTION 10440 - SIGNAGE

## PART 1 - GENERAL

## 1.1 SUMMARY

## A. Section Includes:

1. Building address numbers.
2. Apartment numbers.

## 1.2 QUALITY ASSURANCE:

## A. Manufacturer/Supplier: Provide signs, plaques, letters, etc., by one of the following manufacturers and/or suppliers:

1. Allen Marking Company
2. A.R.K. - Ramos Foundry & Manufacturing Company
3. Colite Industries
4. James H. Matthews, Inc.
5. Spanjer Brothers, Inc.
6. Atlantic Systems
7. The Sign Shoppe

## 1.3 SUBMITTALS:

## A. Manufacturer's Data: For information only, submit copies of manufacturer's technical data and installation instructions for each type of sign required.

## PART 2 - PRODUCTS

## 2.1 TYPESTYLES, DESIGNS AND COLOR:

## A. Provide typesyles, sizes, designs and colors as selected.

## PART 3 - EXECUTION

## 3.1 INSPECTION:

1. Examine the substrates and conditions under which the specialty signs are to be installed and do not proceed with the work until unsatisfactory conditions have been corrected.

## 3.2 INSTALLATION:

- A. Install signs units and components, securely mounted with concealed theft-resistant fasteners. Attach signs to substrates in accordance with the manufacturer's printed instructions.
- B. Install sign units to heights indicated;
  - 1. Wall or door signs - 60" above floor to comply with ADA Code or UFAS requirements whichever is more stringent.
- C. Install level, plumb, and at the proper height. Cooperate with other trades for installation of sign units to finish surfaces. Repair or replace damaged units as directed.

END OF SECTION 10440

## SECTION 10523 - FIRE EXTINGUISHERS

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. Section includes portable, hand-carried fire extinguishers and mounting brackets for fire extinguishers.

## 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Operation and maintenance data.
- C. Warranty: Sample of special warranty.

## 1.3 QUALITY ASSURANCE

- A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."
- B. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
- C. Coordinate type and capacity of fire extinguishers with fire protection cabinets to ensure fit and function.

## 1.4 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace fire extinguishers that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Failure of hydrostatic test according to NFPA 10.
    - b. Faulty operation of valves or release levers.

## PART 2 - PRODUCTS

## 2.1 PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS

- A. Fire Extinguishers: Type, size, and capacity for each fire protection cabinet and mounting bracket indicated.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

- a. Ansul Incorporated; Tyco International Ltd.
  - b. Badger Fire Protection; a Kidde company.
  - c. J. L. Industries, Inc.; a division of Activar Construction Products Group.
  - d. Kidde Residential and Commercial Division; Subsidiary of Kidde plc.
  - e. Larsen's Manufacturing Company.
2. Instruction Labels: Include pictorial marking system complying with NFPA 10, Appendix B and bar coding for documenting fire extinguisher location, inspections, maintenance, and recharging.
- B. Kitchen Fire Extinguishers: Description: Compact extinguisher has an easy-to-install, cap-style mounting bracket. White color.
1. Living Unit Kitchens: First Alert Model No. KFE2S5, Kitchen Fire Extinguisher.
    - a. Features:
      - 1) UL Rated 5-B:C
      - 2) Mounting Bracket; Attractive, White "Cap-Style"
      - 3) Easy-Test "Pop-up" Pressure Indicator
      - 4) 5-Year Limited Warranty

## 2.2 MOUNTING BRACKETS

- A. Mounting Brackets: Manufacturer's standard steel, designed to secure fire extinguisher to wall or structure, of sizes required for types and capacities of fire extinguishers indicated, with plated or red baked-enamel finish.
1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:
    - a. Ansul Incorporated; Tyco International Ltd.
    - b. Badger Fire Protection; a Kidde company.
    - c. J. L. Industries, Inc.; a division of Activar Construction Products Group.
    - d. Larsen's Manufacturing Company.
- B. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as indicated by Architect.
1. Identify bracket-mounted fire extinguishers with the words "FIRE EXTINGUISHER" in red letter decals applied to mounting surface.
    - a. Orientation: Vertical.

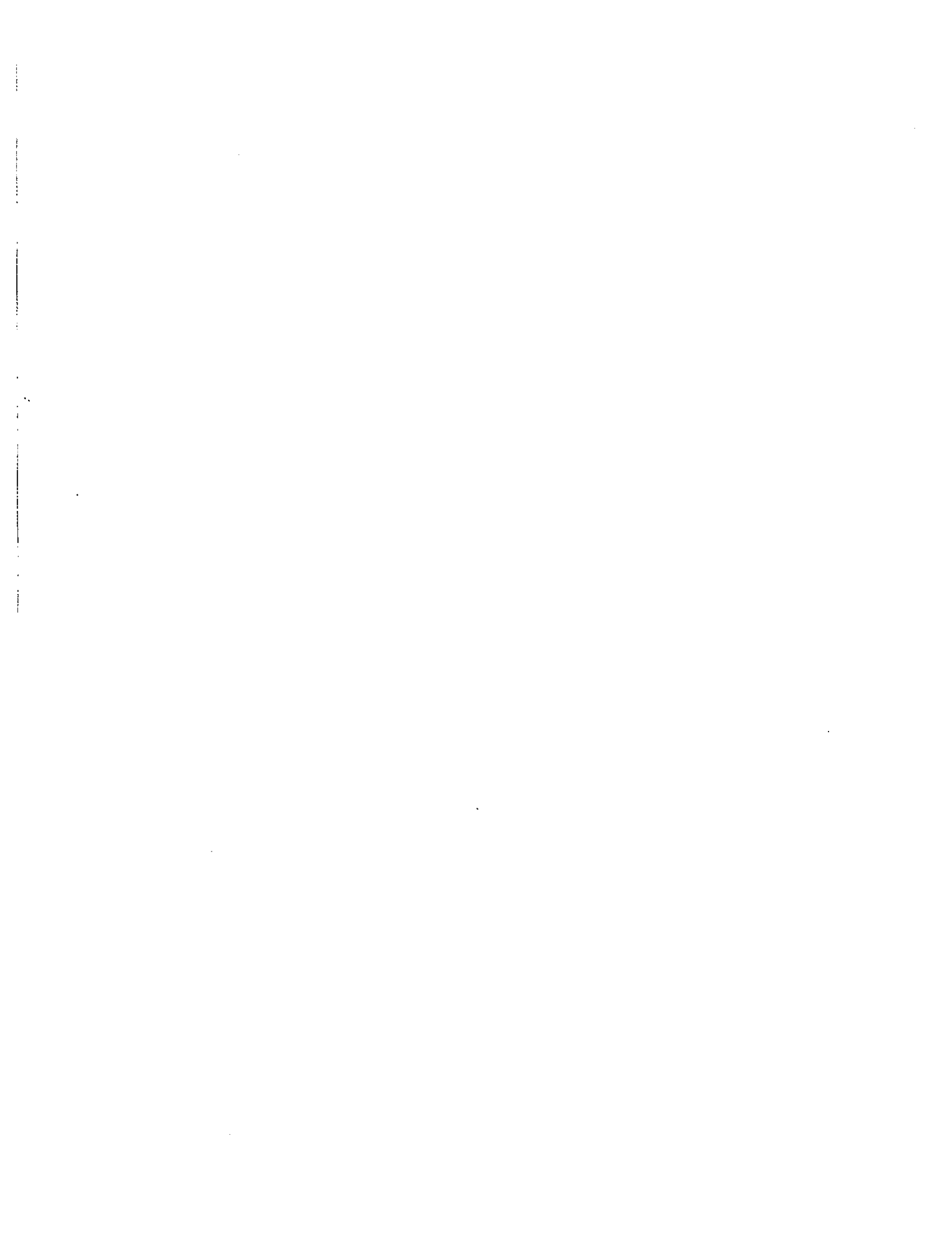
## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Examine fire extinguishers for proper charging and tagging.
1. Remove and replace damaged, defective, or undercharged fire extinguishers.

- B. Install fire extinguishers and mounting brackets in locations indicated and in compliance with requirements of authorities having jurisdiction.
  - 1. Mounting Brackets: 54 inches above finished floor to top of fire extinguisher.
- C. Mounting Brackets: Fasten mounting brackets to surfaces, square and plumb, at locations indicated.

END OF SECTION 10523



## SECTION 10550 - POSTAL SPECIALTIES

## PART 1 - GENERAL

## 1.1 SUMMARY

## A. Section Includes:

1. Recessed or Surface mounted units, as detailed.

## 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: For postal specialties. Include plans, elevations, sections, details, identification sequence for compartments, and attachments to other work.
- C. Samples: For each exposed product and for each color and texture specified.
- D. Product certificates, including written approval by Postmaster General.
- E. Maintenance data.
- F. Other Informational Submittals: Final USPS local postmaster approval for installed postal specialties to be served by USPS.

## 1.3 QUALITY ASSURANCE

- A. Source Limitations for Each Type of Postal Specialty: For USPS-approved products, use only those included on current lists of USPS manufacturers and models.

## 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver lock keys to Owner by registered mail or overnight package service with a record of each corresponding lock and key number.

## 1.5 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of postal specialties that fail in materials or workmanship within Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

## 2.1 MATERIALS

- A. Aluminum: Manufacturer's standard alloy and temper for type of use and finish indicated.
- B. Steel Sheet: Cold rolled, ASTM A 1008/A 1008M, Commercial Steel (CS), Type B, exposed matte finish where exposed.
- C. Metallic-Coated Steel Sheet: Galvanized-steel sheet, ASTM A 653/A 653M, G60 coating designation, extra smooth where exposed; or electrolytic zinc-coated steel sheet, ASTM A 879/A 879M, Coating Designation 08Z.
- D. Stainless-Steel Sheet: ASTM A 666, Type 304.
- E. Brass Sheet: ASTM B 36/B 36M, manufacturer's standard copper alloy.
- F. Stainless-Steel Anchor Bolts, Nuts, and Washers: ASTM A 193/A 193M, Grade B8M, Type 316.
- G. Bituminous Coating: Cold-applied asphalt emulsion complying with ASTM D 1187.

## 2.2 MAILBOXES

- A. Description: Made of electro-galvanized 20 gauge steel, Salsbury 4600 series standard traditional mailboxes, with durable powder coated finish available in four (4) contemporary colors and include 5" detachable magazine hooks. Recessed or Surface mounted, standard traditional mailboxes, horizontal (#4610) and vertical (#4620) style, as selected. Factory installed stainless steel locking security kits with two (2) keys. For U.S.P.S. residential door mail delivery.

## 2.3 FABRICATION

- A. Form postal specialties to required shapes and sizes, with true lines and angles, square, rigid, and without warp, and with metal faces flat and free of dents or distortion. Make exposed metal edges and corners free of sharp edges and burrs and safe to touch.
- B. Preassemble postal specialties in shop to greatest extent possible to minimize field assembly.
- C. Form joints exposed to weather to exclude water penetration.
- D. Where dissimilar metals will contact each other, protect against galvanic action by painting contact surfaces with bituminous coating or by applying other permanent separation.

## PART 3 - EXECUTION

## 3.1 INSTALLATION

- A. General:

1. Where dissimilar metals will be in permanent contact with each other, protect against galvanic action by painting contact surfaces with bituminous coating or by applying other permanent separation.
2. Where aluminum will contact grout, concrete, masonry, or wood, protect against corrosion by painting contact surfaces with bituminous coating.
3. Final acceptance of postal specialties depends on compliance with USPS requirements.

### 3.2 FIELD QUALITY CONTROL

- A. Arrange for USPS personnel to examine and test postal specialties after they have been installed according to USPS regulations.
- B. Obtain written final approval from USPS postmaster that authorizes mail collection for the served installation.

END OF SECTION 10550



## SECTION 10800 - TOILET AND BATH ACCESSORIES

## PART 1 - GENERAL

## 1.1 SUMMARY

## A. Section Includes:

1. Bath accessories.
2. Grab bars.
3. Attachment hardware.

## 1.2 REFERENCES

- A. ANSI A117.1 - Safety Standards for the Handicapped.
- B. ASTM A123 - Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
- C. ASTM A167 - Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- D. ASTM A269 - Seamless and Welded Austenitic Stainless Steel Tubing for General Service.
- E. ASTM A366 - Steel, Carbon, Cold-Rolled Sheet, Commercial Quality.
- F. ASTM B456 - Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium.

## 1.3 SUBMITTALS

- A. Submit under provisions of Division 1.
- B. Product Data: Provide data on accessories describing size, finish, details of function, attachment methods.

## 1.4 REGULATORY REQUIREMENTS

- A. Conform to ANSI A117.1 and Rhode Island State Building Code for access for the handicapped.

## 1.5 FIELD MEASUREMENTS

- A. Verify that field measurements are as required on product data.

## 1.6 COORDINATION

- A. Coordinate work with other sections.

- B. Coordinate the work with the placement of internal wall reinforcement to receive anchor attachments.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Basco, "Classic" Design, as specified.
- B. Franklin Brass.
- C. Bobrick.

### 2.2 MATERIALS

- A. Sheet Steel: ASTM A366.
- B. Stainless Steel Sheet: ASTM A167, Type 304.
- C. Tubing: ASTM A269, stainless steel.
- D. Fasteners, Screws, and Bolts: Hot dip galvanized, tamper-proof, and security type.
- E. Expansion Shields: Fiber, lead, or rubber as recommended by accessory manufacturer for component and substrate.
- F. Primer: Manufacturer's standard.

### 2.3 FABRICATION

- A. Weld and grind joints of fabricated components, smooth.
- B. Form exposed surfaces from single sheet of stock, free of joints. Form surfaces flat without distortion. Maintain surfaces without scratches or dents.
- C. Fabricate grab bars of tubing, free of visible joints, return to wall with end attachment flanges. Form bar to be 1-1/2 inches clear of wall surface. Knurl grip surfaces.
- D. Shop assemble components and package complete with anchors and fittings.
- E. Provide steel anchor plates, adapters, and anchor components for installation.

### 2.4 FINISHES

- A. Chrome/Nickel Plating: ASTM B456, Type SC 2 polished finish.
- B. Stainless Steel: No. 4 satin luster finish.
- C. Back paint components where contact is made with building finishes to prevent electrolysis.

## PART 3 - EXECUTION

## 3.1 EXAMINATION

- A. Verify site conditions.
- B. Verify that site conditions are ready to receive work and dimensions are as instructed by the manufacturer.
- C. Verify exact location of accessories for installation.

## 3.2 PREPARATION

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

## 3.3 INSTALLATION

- A. Install accessories in accordance with manufacturers' instructions and ANSI A117.1 and Rhode Island State Building Code.
- B. Install plumb and level, securely and rigidly anchored to substrate.

## 3.4 SCHEDULE (All items are Basco, unless indicated otherwise. Align Medicine Cabinet with mirror in Bathroom.)

ITEM	MODEL #	FINISH	Mtg. Hgt.
A. Toilet Tissue Holder	7115	Pol. Chrome	19" center
B. Tumbler/Toothbrush Holder	729	" "	36" bottom
C. Med. Cabinets	Slim Line	Painted	As indicated, sizes as shown
D. Towel Bars	79 Series	" "	36" center, length as required.
E. Soap Dish	715	Pol. Chrome	36" bottom
F. Grab Bars	6400H	St. Stl.	34" center
	24" behind toilet		
	36" parallel to toilet		
	18" at shower		
	30" horizontal at Shower.		
G. Robe Hook	735	Pol. Chrome	54" center
H. Shower Rod	1215B	St. Stl.	As. Req'd.
	End Plates	1205B	St. Stl.

END OF SECTION 10800



## SECTION 10900 - VENTILATED METAL SHELVING

## PART 1 - GENERAL

## 1.1 SUMMARY

- A. Section Includes: The extent of the work includes the shelving shown within closets.

## 1.2 QUALITY ASSURANCE:

- A. Submit catalog cuts for all types of shelves required.
- B. Submit sample of material for color selection and approval.
- C. Field measure all spaces indicated to receive shelving to insure proper fit.

## PART 2 - PRODUCTS

## 2.1 MANUFACTURER

- A. Closet Maid, as specified.
- B. Kustom Kloset
- C. Schulte.
- D. Rubbermaid

## 2.2 MATERIAL

- A. Ventilated, vinyl or epoxy coated, steel rod shelving.

## 2.3 LOCATION AND TYPE

- A. Storage Closet: "Shelf & Rod (S&R 12)".
- B. Coat Closet: "Shelf & Rod (S&R 12)".
- C. Linen Closet: "Storage/Linen (L)"; five (5) at 12".
- D. Bedroom Closet: "Shelf & Rod (S&R 12)".

## PART 3 - EXECUTION

3.1 INSTALLATION:

- A. In complete accordance with shelving manufacturer recommendations and all necessary components and accessories, support brackets, spacers, etc.

END OF SECTION 10900