

**SECTION 10140**

**TELEVISION MOUNTING BRACKETS**

PART 1 - GENERAL

**1.01 SECTION INCLUDES**

- A. Television mounting brackets.

**1.02 RELATED SECTIONS**

- A. Section 05500 - Miscellaneous Metals:.

**1.03 PRODUCT HANDLING**

- A. Delivery and storage of materials:
  - 1. Deliver all materials free from damage in original packages.
  - 2. Store all materials in such a manner as to protect them from corrosion, vandalism and/or damage in any form.

**1.04 SUBMITTALS**

- A. Submit catalog cuts of each type of bracket clearly identified.
- B. Submit manufacturer's installation instructions including rough-in dimensions, mounting, backing and clearance requirements.

PART 2 - PRODUCTS

**2.01 WALL MOUNT**

- A. Lucasey Manufacturing Corporation. Double stud wall mount type. Model number DSCM2030. 120 pound maximum load. Verify existing television weight to be mounted.

PART 3 - EXECUTION

**3.01 INSTALLATION**

- A. Install bracket to backing as required by manufacturer and as shown on approved shop drawings.
- B. Bracket is to be level and plumb.
- C. Touch up scratches on bracket or marks on the wall or ceiling.
- D. Deliver mounting screws or other loose accessories to the owner in a clearly labeled carton for owner's use in installing TV.

**END OF SECTION**

**SECTION 10160**

**METAL TOILET COMPARTMENTS**

PART 1 - GENERAL

**1.01 SECTION INCLUDES**

- A. Metal toilet compartments, floor mounted, over-head rail braced.

**1.02 RELATED SECTIONS**

- A. Section 09110 - Metal Stud Framing: Structural supports for wall compartments
- B. Section 10800 - Toilet and Bath Accessories: Toilet and bath accessories except where specifically mentioned herein.

**1.03 RELATED CODES**

- A. ANSI A117.1 - Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People.
- B. ANSI/ASTM A526 - Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Commercial Quality.
- C. ASTM A167 - Stainless and Heat Resisting Chromium-Nickel Steel Plate, Sheet and Strip.
- D. FS RR-P-1352 - Partitions, Toilet, Complete.

**1.04 SUBMITTALS**

- A. Indicate on shop drawings, partition plan and elevation views, dimensions, details of wall and floor supports, and door swings.
- B. Provide product data on panel construction, hardware, and accessories.
- C. Submit with the product data, six sets of color chips of all available colors for color selection by the Architect.
- D. Submit two samples 2 x 2 inches in size illustrating panel finish, color, and sheen.

PART 2 - PRODUCTS

**2.01 MANUFACTURERS**

- A. Global Steel Products, 213-724-5232.

- B. Knickerbocker Partition Corporation, 415-282-9942.
- C. Sanymetal Products Company, 1-800-288-2568.
- D. Approved equal.

#### **2.02 MATERIALS**

- A. Sheet Steel: ANSI/ASTM A526, with G90 zinc coating.
- B. Stainless Sheet Steel: ASTM A167, Type 304 stainless steel.
- C. Head Rails: Hollow steel or aluminum tube, 1 x 1-5/8 inches minimum size, with anti-grip strips and cast socket wall brackets.
- D. Attachments, Screws, and Bolts: Stainless steel; tamper proof type.
- E. Heavy duty extruded aluminum brackets or brake formed stainless steel brackets.
- F. Hardware: Chrome plated non-ferrous cast pivot hinges, gravity type, adjustable for door close positioning; nylon bearings; thumb turn door latch; door strike and keeper with rubber bumper; cast alloy chrome plated coat hook and bumper.

#### **2.03 FABRICATION**

- A. Fabricate partitions in accordance with FS RR-P-1352.
- B. Fabricate components of steel or stainless steel sheet as follows:
  - 1. Doors, Panels, and Pilasters: Form and close edges, miter and weld corners, grind smooth.
  - 2. Doors and Panels: One inch thick pressure bonded to sound deadening core.
    - a. Door Faces: 22 gauge steel.
    - b. Panel Faces: 20 gauge steel except 20 gauge stainless steel adjacent to urinals.
  - 3. Pilasters: 1-1/4 inch thick, constructed same as doors, of sizes required to suit cubicle width and spacing.
    - a. Pilaster Faces: 20 gauge steel.
    - b. Reinforcement: 12 gauge steel.
    - c. Pilaster Shoes: Formed ASTM A167 Type 304 stainless steel with No. 4 finish.
- C. Internal Reinforcement: Provide in areas of attached hardware and fittings. Mark locations of reinforcement for partition mounted washroom accessories.

#### **2.04 FACTORY FINISHING**

- A. Clean, de-grease, and neutralize panels.

- B. Follow with a phosphatizing treatment, prime coat and two finish coats baked enamel of colors as selected.
- C. Stainless steel faces are to be #4 finish.

PART 3 - EXECUTION

**3.01 EXAMINATION**

- A. Verify that site conditions are ready to receive work and opening dimensions are as indicated on shop drawings and as instructed by the manufacturer.
- B. Verify correct spacing of plumbing fixtures.
- C. Verify correct location of built-in framing, anchorage, and bracing, where required.
- D. Beginning of installation means acceptance of existing surfaces and substrate.

**3.02 INSTALLATION**

- A. Install partitions secure, plumb, and level. All in accordance with manufacturers' instructions.
- B. Maintain 3/8 to 1/2 inch space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using approved anchor devices.
- D. Attach panels and pilasters to bracket with through sleeve tamperproof bolts and nuts. Locate headrail joints at tile center lines.
- E. Anchor wedge style urinal screen panels to walls with manufacturer's standard concealed mounting brackets anchored to solid blocking in the wall.
- F. Provide adjustment for floor variations with screw jack through steel saddles integral with pilaster. Conceal floor fastenings with pilaster shoes.
- G. Equip each door with two hinges, one door latch, and one coat hook and bumper.
- H. Install door strike and keeper with door bumper on each pilaster in alignment with door latch.
- I. Adjust hinges on in-swinging doors to locate doors in partial opening

position when unlatched. Return out-swinging doors to closed position.

**3.03 ADJUSTING**

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch.

**3.04 CLEANING**

- A. Remove protective maskings. Clean surfaces.
- B. Field touch-up of scratches or damaged enamel finish will not be permitted.
- C. Replace damaged or scratched materials and with new materials.

**END OF SECTION**

**SECTION 10260**

**WALL AND CORNER GUARDS**

PART I GENERAL

**1.01 SECTION INCLUDES**

- A. Bumper rails.
- B. Corner guards.
- C. Chair rails.

**1.02 RELATED SECTIONS**

- A. Section 09110 - Metal Stud Framing
- B. Section 09950 - Wall Covering
- C. Section 09986 - Pre-finished Wall Panels

**1.03 REFERENCES**

- A. Title 24 - Fire rating requirements for finish materials.

**1.04 PERFORMANCE REQUIREMENTS**

- A. Installed component assembly to support vertical or horizontal live load of 20 pounds per lineal foot with deflection not to exceed 1/50 of span between supports.
- B. Bumper rails, Chair rails, and attachments to resist the following loads without damage or permanent set:
  - 1. Lateral force of 50 pounds per linear foot or 200 pounds at any point
  - 2. Vertical load of 200 pounds at any point.
- C. Corner guards to resist lateral impact force of 100 pounds at any point without permanent damage.

**1.05 SUBMITTALS**

- A. Product Data: Indicate physical dimensions, features, wall mounting brackets with mounted measurements, anchorage details, and rough-in measurements.
- B. Samples:
  - 1. Submit two sections of bumper rail, Chair rail, and corner guard 24 inches long illustrating component design, configuration, color and finish.
  - 2. Submit two set of color chips for the full range of colors.
- A. Manufacturer's Installation Instructions: Indicate installation rough-

in measurements and instructions.

- B. Manufacturer's Certificate: Certify that products meet or exceed flame spread rating for surface finish.

#### **1.06 QUALITY ASSURANCE**

- A. UL Listed for Class I fire rating.

#### **1.07 FIELD MEASUREMENTS**

- A. Verify that field measurements are as instructed by the manufacturer.

#### **1.08 COORDINATION**

- A. Coordinate work with related trades noted above.
- B. Coordinate the work with wall or partition Sections for installation of concealed blocking or anchor devices.

### PART II PRODUCTS

#### **2.01 MANUFACTURERS**

- A. Construction Specialties, ACROVYN.
- B. IPC, InPro Corporation.
- C. Substitutions: Approved equal coordinating with pre-finished wall panels. Proposed substitute must be of the same texture and profile as the specified item and have an equal selection of colors.

#### **2.02 COMPONENTS**

- A. Bumper Rail: Surface mounted, 4 inches high, projecting 2 inches from wall to outside of rail, vinyl/acrylic cover on extruded aluminum frame, pebbled finish, with preformed return to wall end caps. Acrovyn BG-10. IPC #1300.
- B. Chair rail: Surface mounted, 6-1/4 inches high, projecting 3 inches from wall to outside of rail, 1-1/2 inches clear space from wall, vinyl/acrylic cover on extruded aluminum frame, pebbled finish, with preformed return to wall at each end. Provide internal and external corners as required. Acrovyn HRB-10C. IPC 1200.
- C. Corner Guard - Direct Mounted 2" wide vinyl/acrylic cover on extruded aluminum frame, pebbled finish, with preformed return to wall at each end. Acrovyn SSM-20. IPC #150D
- D. Mounting brackets, attachment hardware and adhesives: Appropriate to component and substrate.

**2.03 FABRICATION**

- A. Fabricate components with tight joints, corners and seams.
- B. Pre-drill holes for attachment.
- C. Form end trim closure by capping and finishing smooth.

**2.04 FINISHES**

- A. Bumper Rail: Color to be selected.
- B. Chair rail: Color to be selected.
- C. Corner Guard: Color to be selected.

PART III EXECUTION

**3.01 EXAMINATION**

- A. Verify site conditions are ready for installation.
- B. Verify that rough-in for components are correctly sized and located.

**3.02 INSTALLATION**

- A. Install components in accordance with manufacturer's instructions, level and plumb, secured rigidly in position.
- B. Position bumper rail 12 inches from finished floor to centerline of bumper.
  - 1. Terminate bumper rails 4 inches short of door opening or outside corner and 12 inches short of inside corners.
- C. Position top of Chair rail 36 inches from finished floor.
  - 1. Return corridor rail to wall 8 inches short of doors opening.
  - 2. Return of rails to be 1/2 inch clear of wall.
  - 3. Extend corridor rail around outside and inside corners with special component pieces.
- D. Position bottom of corner guard the same distance above the finished floor as the top of the adjacent resilient or carpeted base. Top of corner guard to 36 inches from finished floor.

**3.03 ERECTION TOLERANCES - HORIZONTAL RAILS**

- A. Maximum Variation From Required Height: 1/4 inch.
- B. Maximum Variation From Level For Visible Length: 1/4 inch.

**END OF SECTION**

**SECTION 10400**

**IDENTIFYING DEVICES**

PART 1 - GENERAL

**1.01 SCOPE OF WORK**

- A. Monument wall sign.
- B. Room and HC compliance signage.
- C. Attachments and supports.

**1.02 RELATED WORK**

- A. Section 08700 - Finish Hardware: room signage text and locations.
- B. Section 04340 - Concrete Block Masonry: wall substrate.
- C. Division 16 - Electrical: Back-lighting of signage and neon lighting.

**1.03 PRODUCT HANDLING**

- A. Delivery and storage of materials:
- B. Deliver all materials free from damage in original packages bearing manufacturer's label.
  - 1. Store all materials in such a manner as to protect them from corrosion, vandalism and/or damage in any form.

**1.02 SUBMITTALS**

- A. Submit samples of materials to the Architect for review where called for herein.
- B. Submit shop drawings to the Architect for review where called for herein.
- C. Submit a plan and schedule of all signs and locations for review by the Government before fabricating any signs.

PART 2 - PRODUCTS

**2.01 ROOM NAME SIGNS**

- A. Room Name Signs: 12 inches long x 2-1/2 inch high with 13/16 inch radiused corners, 3/4 inch letters, with grade II braille below. Coordinate with finish hardware schedule.
- B. Graphics for all interior signs except toilet room door signs: Mohawk

sign systems or approved equal.

1. Graphic Process: Series 200A, sand-carved.
2. Materials: Non-glare phenolic 1/8" thick.
3. Color: To be selected.
4. Copy Position: Centered both ways.
5. Mounting: Vinyl tape mount (VTM) on the wall adjacent to the door latch, 60 inches above the floor.

- C. Submit manufacturer's literature and 3 sets of color samples.
- D. Submit a plan and schedule of all signs and locations for review by the Government before fabricating any signs.

#### **2.02 TOILET ROOM DOOR SIGNAGE**

- A. SIGN: "MEN" with handicapped symbol per California Code of Regulations Title 24 and ADA, Mohawk MCA-VM-4 with colors as selected by the Architect or approved equal.
- B. SIGN: "WOMEN" with handicapped symbol per California Code of Regulations Title 24 and ADA, Mohawk MCA-VM-3 with colors as selected by the Architect or approved equal.
- C. Submit manufacturer's literature and 3 sets of color samples.

#### **2.03 METAL LETTERS**

- A. Metal fabricated signage conforming to shown logo.
  1. Stainless steel edges 1-1/2" deep with 1/8" return on face.
  2. Acrylic enameled faces in colors matching provided logo.
  3. Concealed raised mounting 2" projection from face of wall.
  4. Face of letters and border with brushed finish.
- B. ASI Sign Systems, 800-759-1939; A. R. K. Ramos, 800-725-7266; or approved equal.
- C. Submittals
  1. First submittal: Submit manufacturer's literature, scaled layout and samples for approval.
  2. Second submittal: Submit full scale layout of copy for final approval.
    - a. Do not start fabrication until full scale layout is approved.

#### **2.04 MENU BOARD**

- A. Back-lighted poster display 36" H x 72" wide.
  1. Surface mounted with header section.
  2. Case to be dark bronze anodized finish.
  3. 3/16" clear polycarbonate glazing.

4. Three sections with hinged doors.
  5. Graphics to be provided by contractor. Government to supply text within 60 days of notice to proceed.
- B. Poblicki & Sons, 414-453-4010; King Products, 800-661-KING; or approved equal.
- C. Submittals: Submit manufacturer's literature, scaled layout and samples for approval.

PART 3 - EXECUTION

**3.01 INSTALLATION OF ROOM NAME SIGNS**

- A. Clean mounting surface of dust, dirt, grease or other material that might inhibit adhesion. Avoid marring surface when cleaning it.
- B. Install signs level and uniformly located in relation to the other elements of the building. Install signs adjacent to the latch side of the door with center 60 inches above the floor or as directed by the Architect at the time of installation.
- C. Use adhesive foam tape.

**3.02 INSTALLATION OF TOILET ROOM SIGNAGE**

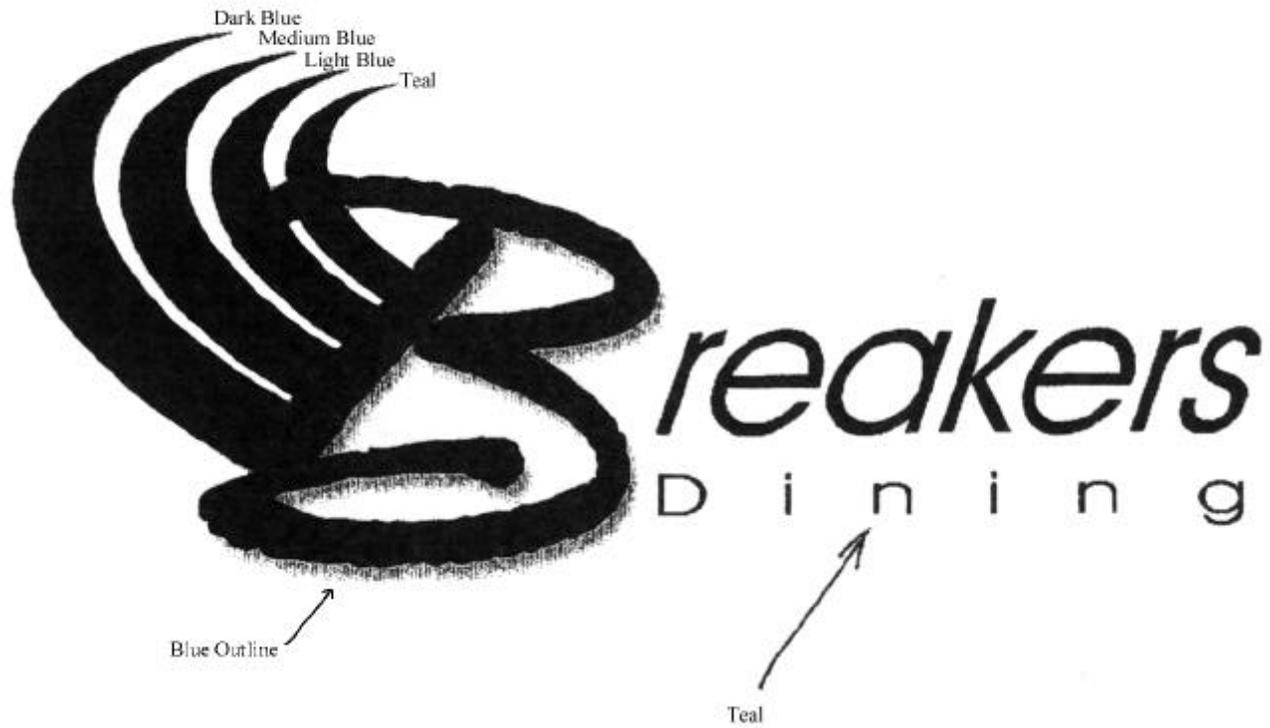
- A. Clean mounting surface of dust, dirt, grease or other material that might inhibit adhesion. Avoid marring surface when cleaning it.
- B. Install signs level and uniformly located in relation to the other elements of the building. Install signs with center 60 inches above the floor or as directed by the Architect at the time of installation.
- C. Use adhesive foam tape.

**3.03 INSTALLATION OF METAL LETTERS / MENU BOARD**

- A. Clean mounting surface and holes of dust, dirt, grease or other material that might inhibit adhesion. Avoid marring surface when cleaning it.
- B. Install signs level and uniformly located in relation to the other elements of the building. Coordinate installation with electrical back-lighting as specified.
- C. Install threaded studs into holes in masonry or solid backing to be fully concealed by finished signage.

REPAIR / ADD TO DINING HALL  
BUILDING 13330  
VANDENBERG AIR FORCE BASE

XUMU #96-1215 B/C



REPAIR / ADD TO DINING HALL  
BUILDING 13330  
VANDENBERG AIR FORCE BASE

XUMU #96-1215 B/C

**END OF SECTION**

**SECTION 10800**

**TOILET AND BATH ACCESSORIES**

PART 1 - GENERAL

**1.01 SCOPE OF WORK**

- A. Bathroom accessories including: grab bars, toilet paper dispensers, waste receptacles, paper towel dispensers, soap dispensers, seat cover dispensers, mirrors and the like.
- B. General accessories including mop and broom holders.

**1.02 RELATED SECTIONS**

- A. Section 10160 - Metal Toilet Partitions:

**1.03 QUALITY ASSURANCE**

- A. Acceptable Manufacturers
  - 1. Bobrick Washroom Equipment Inc.
  - 2. Bradley Corporation
  - 3. American Specialties Inc.
- B. Comply with Title 24 and ADA standards for handicapped accessibility.

**1.03 DEFINITIONS**

- A. ADA = Americans with Disabilities Act of 1990.
- B. AGBF = Accessibility Guidelines for Buildings and Facilities issued by the U.S. Architectural and Transportation Barriers Compliance Board, July 26, 1991.

**1.04 COORDINATION**

- A. Prior to making submittals verify adequate clearances and backing for recessed and surface mounted accessories. If clearances are not adequate bring conflicts to the attention of the Architect for resolution.
- B. During layout and construction of the building continue to monitor and provide adequate clearances for recessed and surface mounted accessories.

**1.05 SUBMITTALS**

- A. Within 35 days after the start of construction submit cut sheets with illustration for each product clearly identified. Include complete

rough in requirements. Describe dimensions, mounting, and clearances for servicing.

## PART 2 - PRODUCTS

### **2.01 MATERIALS**

- A. Surface mounted Toilet paper holders: Bobrick B-2840. Provide one in each Room 120 and 121
- B. Grab bars: Meet Title 24 requirements for strength; see subsection 511.1.(a).9.C.
  - 1. Shot peened surface, 1-1/2 inch space at wall, 1-1/2 inch diameter.
  - 2. Concealed mounting with 3 or 4 set screws to attach cover to flange.
  - 3. Bobrick B-6206.99 Series, 42 inches at sides and 36 inches at rear.
  - 4. Provide for Rooms 105, 106, 120 and 121.
- C. Mop and broom holder: Bobrick B-223 x 24". Provide in Room 122.
- D. Combination Towel dispensers and waste receptacle: Bobrick B-3944. Provide in Rooms 120 and 121.
- E. Soap dispensers: Bobrick B-40. Provide in rooms 120 and 121.
- F. Mirrors: Bobrick B-290 size as shown on drawings w/stainless steel frame. Provide in rooms 120 and 121.
- G. Surface Mount Toilet Seat Cover Dispenser: Bobrick B-221. Provide one in each Room 120 and 121.
- H. Combination seat cover and toilet paper dispenser - recessed: Bobrick B-3474. Provide for room 106. With sanitary napkin disposal: Bobrick B-3574. Provide for Room 105.

## PART 3 - EXECUTION

### **3.01 INSTALLATION**

- A. Install accessories in locations indicated on the drawings or as specified. Install in accordance with manufacturer's directions. Provide and install solid blocking at all support points.
- B. Install level and aligned with adjacent tile lines or other features so as to look as pleasing to the eye as possible. Minimize perimeter gaps.
- C. Install sealant at perimeter gaps if directed by the Architect.
- D. Install grab bars so that the end of the grab bar is 24 inches in front

of the front edge of the water closet. Comply with California amendments on all installation dimensions.

**3.02 PROTECTION AND CLEANING**

- A. Protect all work under this section from damage during and after installation.
- B. Clean any adhesive, mastic sealant, or compounds from the surfaces with a suitable solvent before work has set. All work shall be left clean and free of any surface dirt.

**END OF SECTION**

**SECTION 10900**

**MISCELLANEOUS ITEMS**

PART I - GENERAL

**1.01 SCOPE OF WORK**

- A. Provide and install fire extinguishers and cabinets.
- B. Relocate existing fire extinguishers and their cabinets.

**1.02 PRODUCT HANDLING**

- A. Delivery and storage of materials
  - 1. Deliver all materials free from damage in original packages bearing manufacturer's label.
  - 2. Store all materials in such a manner as to protect them from corrosion, vandalism and/or damage in any form.

**1.03 SUBMITTALS**

- A. Product Data: Include product characteristics, dimensions, and anchorage details.
- B. Submit two copies of manufacturer's installation instructions. Include special environmental conditions required to install product and potential incompatibilities with adjacent materials.
- C. Manufacturer's Certificate: Certify that products meet or exceed NFPA 10 requirements.

**1.04 QUALIFICATIONS**

- A. Manufacturer: Company specializing in manufacturing the products specified in this Section with minimum three years documented experience.
  - 1. Acceptable manufacturer: Larsen's Manufacturing Company or approved equal.

PART II - PRODUCTS

**2.01 EXTINGUISHERS**

- A. Multi-purpose Chemical type: Steel tank. Model MP 5 with pressure gage or approved equal.
- B. UL rating 2A-10B:C. Red enamel finish.

**2.02 CABINETS**

- A. Provide Larsen's 2409-SR Vertical Duo Panel Cabinet or approved equal.
- B. Finish to primer and field painted to match adjacent wall surface.

Interior of cabinet to be white.

- C. Form case with perimeter trim tight with welded, filled and ground smooth corners.
- D. Hinge door for 180 degree opening.

### **2.03 ACCESSORIES**

- A. Provide mounting hardware appropriate to cabinet as recommended by manufacturer.
- B. Provide other materials not specifically described but required for a complete and proper installation. Selected by Contractor subject to the approval of the Architect and Government.

## PART III - EXECUTION

### **3.01 EXECUTION**

- A. Install cabinet plumb and fitted to wall surface. Door handle shall be mounted at 54" above finish floor.
- B. Seal around cabinet perimeter to achieve tight fit.
- C. Adjust door to operate and latch smoothly.
- D. Hang extinguisher in cabinet with tag visible.
- E. Clean interior of cabinet.
- F. Install new unit in corridor 124 and one in new Communications Room 149.

### **3.02 RELOCATION**

- A. Remove existing Fire Extinguishers and cabinets from locations of new booths. Relocate to new wall adjoining exit doors to north of original location.
- B. Installation shall be recessed and height of door handle at 54" above finish floor.

**END OF SECTION**