

DIVISION 10 – SPECIALTIES

SECTION 10165

TOILET COMPARTMENTS

PART 1: GENERAL

A. SECTION INCLUDES

1. Headrail braced solid phenolic toilet partitions.
2. Attachment hardware.

B. REFERENCES

1. ANSI A117.1 _ Specifications for Making Buildings and Facilities Accessible to and Usable by the Physically Handicapped.
2. ASTM A167 _ Stainless and Heat_Resisting Chromium_Nickel Steel Plate, Sheet and Strip.
3. Americans with Disabilities Act.

C. SUMMARY

1. This Section includes stock, manufactured toilet compartments.
2. Types of toilet compartments include:
 - a. Solid Phenolic
3. Styles of toilet compartments include:
 - a. Floor-anchored, overhead-braced.
4. Styles of screens include:
 - a. Floor -anchored
5. Urinal privacy panels:
 - a. Wall and floor anchored

D. SUBMITTALS

1. Submit shop drawings under provisions of Section 01001.
2. Submit shop drawings indicating partition layout and dimensions, panel and door sizes, door swings, elevations, anchorage and mounting details, and finishes.
3. Submit product data under provisions of Section 01001.
4. Submit product data for components, hardware, and accessories.
5. Submit samples under provisions of Section 01001.
6. Submit samples illustrating panel colors and patterns.
7. Provide a sample of each type of hardware.
8. Submit manufacturer's installation instructions under provisions of Section 01001.

E. REGULATORY REQUIREMENTS

1. Conform to ANSI A117.1 code and the A.D.A. guidelines for provisions for the physically handicapped.

F. FIELD MEASUREMENTS

1. Verify field measurements are as shown on shop drawings.

PART 2: PRODUCTS

A. MANUFACTURERS

1. General Partition Mfg. Corp.
2. Bradley Corp.
3. Bobrick Washroom Equipment, Inc.
4. Global Partitions
5. Accurate Partitions
6. Substitutions: Under provisions of Section 01001.

B. MATERIALS

1. Plastic solid Phenolic material.
2. Headrail: Anodized extruded aluminum; with cast socket type wall brackets.

C. ACCESSORIES

1. Pilaster Shoe: ASTM A167, Type 304 stainless steel, 3 inch, high with adjustable screw jack.
2. Attachments, Screws, and Bolts: Stainless steel, theft proof type.
3. Through Bolts and Nuts: Stainless steel with tamperproof heads.

D. HARDWARE

1. Continuous hinge runs full height of door. Type 304 satin finish stainless steel; extra heavy duty 16 gauge. Through-bolted to door and stile with 12 theft-resistant, one-way screws fastened into threaded metal inserts.
2. Door latch with shock-resistant nylon track slides into 1" wide keeper formed from one piece 1/8" 11 gauge stainless steel. Keeper withstands vandals from kicking door in and is through-bolted to stile with theft-resistant one-way screws fastened into threaded metal inserts.
3. Vinyl coated door stops resist vandals from kicking door out.
4. U-channels are full height 18 gauge type 304 satin finish stainless steel and secure panels to stiles and walls. Angle brackets available for attachment to irregular wall surfaces.
5. Coat Hook: Stainless steel hook with rubber bumper tip.

E. FABRICATION

1. Design is to be floor mounted and overhead braced.
2. Urinal screens to include minimum 4" wide pilaster at leading edge.
3. Thickness of Partition Stiles and Doors: 1 inch.
4. Thickness of Panels: 1/2 inch.

F. FINISHES

1. Plastic: Color and pattern as selected by Architect from full range of manufacturer's available colors.
2. Stainless Steel Surfaces: No. 4 finish.
3. Exposed Steel Surfaces: Satin chrome plated.

PART 3: EXECUTION

A. EXAMINATION

1. Verify that openings are ready to receive work.
2. Verify field measurements are as shown on shop drawings.
3. Verify correct location of built-in framing, anchorage, bracing, and plumbing fixtures.
4. Beginning of installation means installer accepts existing conditions.

B. ERECTION

1. Erect in accordance with manufacturer's instructions.
2. Install partition components secure, plumb and level.
3. Attach panel brackets securely to walls and floors using appropriate anchor devices.
4. Attach panels and pilasters to brackets with through bolts and nuts. Locate headrail joints at pilaster center line.
5. Provide 1/2 inch space between wall surface and panels or pilasters.
6. Provide for adjustment of floor variations with screw jack through steel saddles integral with pilaster. Conceal floor fastenings with pilaster shoes.
7. Equip each toilet stall door with hinge, and door latch.
8. Install door strike keeper on each pilaster in alignment with door latch.
9. Equip each toilet stall door with one coat hook and bumper.

C. ERECTION TOLERANCES

1. Maximum Variation From Plumb or Level: 1/8 inch.
2. Maximum Misplacement From Intended Position: 1/8 inch.

D. ADJUSTING

1. Adjust work.

2. Adjust and align door hardware to uniform clearance at vertical edges of doors. Clearance space not to exceed 3/16 inch.
3. Adjust door hinges so that free movement is attained and will locate in-swinging doors in partial open position when unlatched. Return out-swinging doors to closed position.

E. CLEANING

1. Clean work under provisions of Section 01001.
2. Remove protective coverings.
3. Clean surfaces and hardware.

F. PROTECTION OF FINISHED WORK

1. Protect finished installation under provisions of Section 01001.
2. Field touch-up of finished surfaces will not be permitted. Replace damaged components.

END OF SECTION 10165

DIVISION 10 - SPECIALTIES

SECTION 10420

LETTERS AND PLAQUES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SECTION INCLUDES

- A. 1 New Building plaque mounted to brick exterior.
- B. Exterior Building Letters.
- C. Exterior Entry Sign Letters.

1.03 SUBMITTALS

- A. Product Data: Provide data for each type of plaque specified, including details of construction relative to materials, dimensions of individual components, profiles, wording and finishes.
- B. Shop Drawings: Provide dimensioned elevations for type of plaque required, include large scale sections of typical members and other components. Show anchors, grounds, reinforcement and layout, and indicate finishes.
 - 1. Provide message for plaque required, including large scale details of wording and lettering.
 - 2. For signs supported by or anchored to permanent construction, provide setting drawings, templates, and directions for installation of anchor bolts and other anchors to be installed as a unit of Work in other Sections.
- C. Samples: Provide the following samples of each sign component for initial selection of color, pattern and surface texture as required and for verification of compliance with requirements indicated.
 - 1. Samples for initial selection of color, pattern and texture:
 - a. Bronze building plaque.

1.04 QUALITY ASSURANCE

- A. Meet or exceed all industry standards for cast bronze. Meet all ASTM requirements for cast bronze.

1.05 DELIVERY, HANDLING & STORAGE

- A. Deliver building plaque, mounting devices and mounting rosettes to site in original unopened container or packaging submitted by manufacturer. Store in controlled conditioned space free from extreme temperature differences. Do not allow heavy objects to be placed on material which may cause it to become smashed or damaged prior to installation. Keep material clean and free of dust and dirt. Keep under lock and key until time of installation.

1.06 PROJECT CONDITIONS

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication to ensure proper fitting. Show record measurements on final shop drawings. Coordinate fabrication schedule with construction progress to avoid delay.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Available Manufacturers:
1. A.R.K Ramos, Architectural Signage Systems
 2. Innovative Signs, Inc.
 3. OMC Industries, Inc.
 4. The Southwell Co.
 5. Gemini Incorporated
- B. New Bronze Building Plaque:
1. Provide Building Plaque with the approximate wording as described below:

**The Future Farmers of America
Conference Center
For
Avoyelles Parish**

2026

**For
The Avoyelles Parish School Board
Aimee Dupuy, President-District 9
Dr. Jay Callegari, Vice President-District 5
Latisha Small – District 1
Lynn Deloach – District 2
Keith Lacombe – District 3
Robin Moreau – District 4
Chris Robinson, III – District 6
Ricky Adams – District 7
Jill Guidry – District 8**

**Karen Tutor, Superintendent
Thelma Prater, Assistant Superintendent
Ray Carlock, Director of Buildings and Maintenance**

**Architect
Coco & Company
Wayne Lawrence Coco, AIA, Architect, L.L.C.**

**Contractor: (To be determined)
(Date of Completion)**

2. Plaque size: Approximate size 30" h x 24" w.
3. Lettering Size: To accommodate the size of the plaque.
4. Metal Alloy: Bronze
5. Border Style: Bright Bronze.
6. Background Texture: Pebble.
7. Background Color: Dark Bronze.
8. Plaque Finish: Satin face and edges, background Dark Bronze, semi-gloss polyurethane finish.

9. Mounting: Surface Mounting Method into Solid wall with screw which is inserted through plaque and into a lead anchor. Provide Bronze Rosette of appropriate size as recommended by manufacturer.

C. Exterior Building Letters to be applied to the surface of the building:

1. Building Letters to Read:

D. Exterior Sign Letters to be applied to the front exterior brick surface:

1. Exterior Sign Letters to Read:

**AVOYELLES PARISH
FUTURE FARMERS OF AMERICA
CONFERENCE CENTER**

- | | |
|------------------|---|
| 1. Letter Style: | To be selected by Architect from the full range of available font styles from manufacturer. |
| 2. Letter Size | 6 inch high letters |
| 3. Finish: | Black Anodized Aluminum |
| 4. Mounting: | For Metal surface |

E: FUTURE FARMERS OF AMERICA: LOGO

1. The following color logo for the Future Farmers of America organization is to be printed on a metal panel in the colors shown below and mounted on the building in a location determined by the Owner and Architect.
2. Only one logo sign is to be made and installed.
3. Size: 30" wide x 42" tall.

PART 3 EXECUTION

3.01 INSTALLATION

- A. General: Locate Building Plaque and accessories where indicated, using mounting methods of the type described and in compliance with the manufacturer's instructions.
 - 1. Install plaque level, plumb, and at the height indicated or required, with sign surfaces free from distortion or other defects in appearance.
- B. Surface Wall Mounted Plaques: Attach plaque to wall surfaces using the methods recommended by manufacturer.
- C. Install building letters and exterior sign letters at direction of Architect and Owner.

3.02 CLEANING AND PROTECTION

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

END OF SECTION - 10420

DIVISION 10 - SPECIALTIES

SECTION 10425A

SIGNS

PART 1 GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SECTION INCLUDES

- A. Only those panel signs for room identification & directional signs required by ADAAG Guidelines and posted Occupancy Load signs.
- B. All signs shall meet the requirements of the ADAAG for size of lettering and accompanying Braille designation.

1.03 SUBMITTALS

- A. Product Data: Provide data for each type of sign specified, including details of construction relative to materials, dimensions of individual components, profiles, and finishes.
- B. Shop Drawings: Provide dimensioned elevations for each type of sign required, include large scale sections of typical members and other components. Show anchors, grounds, reinforcement and layout, and indicate finishes.
 - 1. Provide message list for each sign required, including large scale details of wording and lettering.
 - 2. For signs supported by or anchored to permanent construction, provide setting drawings, templates, and directions for installation of anchor bolts and other anchors to be installed as a unit of Work in other Sections.
- C. Samples: Provide the following samples of each sign component for initial selection of color, pattern and surface texture as required and for verification of compliance with requirements indicated.
 - 1. Samples for initial selection of color, pattern and texture:
 - a. Cast Acrylic Sheet and Plastic Laminate: Manufacturer's color charts consisting of actual sections of material including the full range of colors available for each material required.

1.04 QUALITY ASSURANCE

- A. Single Source Requirement: For each separate sign type required, obtain signs from one source of a single manufacturer.

1.05 DELIVERY, HANDLING & STORAGE

- A. Deliver signs to site in unopened container or packaging submitted by manufacturer. Store in controlled conditioned space free from extreme temperature differences. Do not allow heavy objects to be placed on material that may cause it to become smashed or damaged prior to installation. Keep material clean and free of dust and dirt.

1.06 PROJECT CONDITIONS

- A. Field Measurements: Take field measurements prior to preparation of shop drawings and fabrication to ensure proper fitting. Show record measurements on final shop drawings. Coordinate fabrication schedule with construction progress to avoid delay.

1.07 ADAAG REQUIREMENTS

- A. Signage shall comply with all requirements of the United States Access Board's Americans With Disabilities Act Accessibility Guidelines for Buildings and Facilities, Transportation Facilities, and Transportation Vehicles, September 1994 for the following:
 - 1. General Terminology, Section 3.4 (See Signage)
 - 2. Accessible Elements and Spaces: Scope And Technical Requirements: Sections 4.1.3 Accessible Buildings: New Construction, Item (16.a.b.), Building Signage; 4.1.6 Accessible Buildings: Alterations and 4.1.7 Accessible Buildings: Historic Preservation; and Section 4.30 Signage (4.30, 4.30.1, 4.30.2, 4.30.3, 4.30.4, 4.30.5, 4.30.6, 4.30.7 and 4.30.8; Appendix Section A4.30 (Signage) A4.30.1, A4.30.2, A4.30.3, A4.30.4, A4.30.5, A4.30.6, A4.30.7 and A4.30.8.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Available Manufacturers:
 - 1. Andco industries Corp.
 - 2. APCO Graphics, Inc.
 - 3. ASI Sign Systems, Inc.
 - 4. Best Manufacturing Company
- B. As a standard of quality panel signs shall be to ASI Systems as follows:
 - 1. WS Series Unframed stand alone wall or panel mounted surfaces for ADA-Ready tactile and Braille text..

2.02 MATERIALS

- A. Cast Acrylic Sheet: Provide cast (not extruded or continuous cast) methyl methacrylate monomer plastic sheet in sizes and thickness indicated, with a minimum flexural strength of 16,000 psi when tested according to ASTM D 790, with a minimum allowable continuous service temperature of 176 deg F (80 deg C), and of the following general types:
 - 1. Transparent Sheet: Where sheet material is indicted as "Clear," provide colorless sheet in matte finish with light transmittance of 92 percent, when tested according to the requirements of ASTM D 1003.
 - 2. White Translucent Sheet: Where sheet material is indicated as "White," provide white translucent sheet of density required to produce uniform brightness and minimum halation effects.
 - 3. Opaque sheet: Where sheet material is indicated as "opaque," provide colored opaque acrylic sheet in colors and finishes as selected from the manufacturer's standards.
- B. Vinyl Film: Provide opaque non-reflective vinyl film, 0.0035-inch maximum thickness, with pressure-sensitive adhesive backing, suitable for exterior as well as interior applications.
- C. ABS Plastic: provide high impact thermoplastic composed of copolymers of acrylonitrile, butadiene, and styrene.
- D. Fasteners: use concealed fasteners fabricated from metals that are not corrosive to the sign material and mounting surface.
- E. Anchors and Inserts: Use nonferrous metal or hot-dipped galvanized anchors and inserts for exterior installation and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.
- F. Colored Coatings for Acrylic Plastic Sheet: Use colored coatings, including inks and paints for copy

and background colors, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and are nonfading for the application intended.

2.03 PANEL SIGNS

- A. Panel signs: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.
 - 1. Produce smooth, even, level sign panel surfaces, constructed to remain flat under installed conditions within a tolerance of plus or minus 1/16 inch measured diagonally.
- B. Brackets: Fabricate brackets and fittings for bracket-mounted signs from extruded aluminum to suit sign panel construction and mounting conditions indicated. Factory-paint brackets in a color matching the background color of the sign pane.
- C. Graphic Content and Style: Provide sign copy selected by Architect from manufacturer's broad range of standard size, style, spacing, content, position, material, finishes, and colors of letters, numbers and other graphic devices.
- D. Subsurface Copy: Apply copy to the back face of clear acrylic sheet forming the panel face by process indicated to produce precisely formed opaque images free from rough edges.
 - 1. Use reverse silk-screen process to print copy; overspray the copy with an opaque background color coating.
 - 2. Use Dupont Chromalin heat -and pressure-laminated photopolymer film system to form copy and background color.
 - 3. The manufacturer has the option of selecting either process indicated above.

PART 3 EXECUTION

3.01 INSTALLATION

- A. General: Locate sign units and accessories where indicated, using mounting methods of the type described and in compliance with the manufacturer's instructions and in compliance with the 1994 ADAAG Guidelines for Buildings and Facilities.
 - 1. Install signs level, plumb, and at the height indicated or required, with sign surfaces free from distortion or other defects in appearance.
 - 2. All sign locations are to verified with Architect and Owner prior to installation.
- B. Wall-Mounted Panel Signs: Attach panel signs to wall surfaces using the methods indicated below:
 - 1. Vinyl-Tape Mounting: Use double-sided foam tape to mount signs to smooth, nonporous surfaces. Do not use this method for vinyl-covered or rough surfaces.
- C. Bracket-Mounted Units: Provide the manufacturer's standard brackets, fittings, and hardware as appropriate for mounting signs that project at right angles from walls and ceilings. Attach brackets and fittings securely to walls or ceilings with concealed fasteners and anchoring devices to comply with manufacturer's directions.
- D. Cast Metal Plaques: Mount plaques using the standard method recommended by the manufacturer for the type of wall surface indicated.
 - 1. Concealed Mounting: Mount the plaques by inserting threaded studs into tapped lugs on the back of the plaque. Set in predrilled holes filled with quick-setting cement.

3.02 CLEANING AND PROTECTION

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

3.03 SCHEDULE

- A. Provide one 4" x 8" sign for each exterior door opening as required by ADAAG Guidelines only (See door schedule for quantity). Comply with item 1.07 this Section.
1. Each door/room sign with symbols and Braille (required by ADAAG) shall be 8" x 8" and contain three lines of text including:
 - a. Room number, no more than 4 numbers. (Owner's option to eliminate this requirement).
 - b. Room name as listed in room finish schedule, or as modified by Owner within the same character amounts or less.
 - c. Additional message line, no more than 20 characters.
 2. Each permanent rooms must have raised lettering and Braille and shall be 4" x 8" or 6" x 6" determined by the wording on the sign.
 3. Door signs leading to handicapped facilities shall contain the international handicapped pictogram symbol as required by ADAAG Guidelines and shall be a minimum of 8" x 8".
 4. All doors exiting to the exterior shall have a 4" x 8" Braille "EXIT" sign at or near the openings. Approximately 4 are required.
- B. Signs for Rooms which need letters and numbers.
1. Schedule:
 - a. All Permanent Rooms using the numbers listed on the plans for room numbers will need signs with numbers only. Room numbers are to be supplied to the contractor by the Architect and Owner at the time of submittal.
 - b. The following signs require text:
 1. Women (Handicapped accessible signage)
 2. Men (Handicapped accessible signage)
- C. FUTURE FARMERS OF AMERICA LOGO:
1. Provide the official color logo for the Future Farmers of America on a 1/8 inch thick metal sign to be installed on the exterior of the building at the direction of the Architect and Owner..
 2. One (1) is required in the colors shown in Section 10425B at the end of this section.
 3. Size: 30" w x 42" high.
 4. Colors: The official colors of the FFA organization as depicted in the official logo.
- D. FUTURE FARMERS OF AMERICA CREED:
1. Provide the official "FFA Creed" used by the National FFA Organization on a 1/8" thick by 6 ft. high x 6 ft. wide metal sign written in black lettering on a white background and to be installed on the interior of the multipurpose room at the direction of the Architect.
 2. FFA CREED Wording as follows:

FFA CREED:

I BELIEVE in the future of agriculture, with a faith born not of words but of deeds – achievements won by the present and past generations of agriculturists; in the promise of better days through better ways, even as the better things we now enjoy have come to us from the struggles of former years.

I BELIEVE that to live and work on a good farm, or to be engaged in other agricultural pursuits, is pleasant as well as challenging; for I know the joys and discomforts of agricultural life and hold an inborn fondness for those associations which, even in hours of discouragement, I cannot deny.

I BELIEVE in leadership from ourselves and respect from others. I believe in my own ability to work efficiently and think clearly, with such knowledge and skill as I can secure, and in the ability of progressive agriculturists to serve our own and the public interest in producing and marketing the product of our toil.

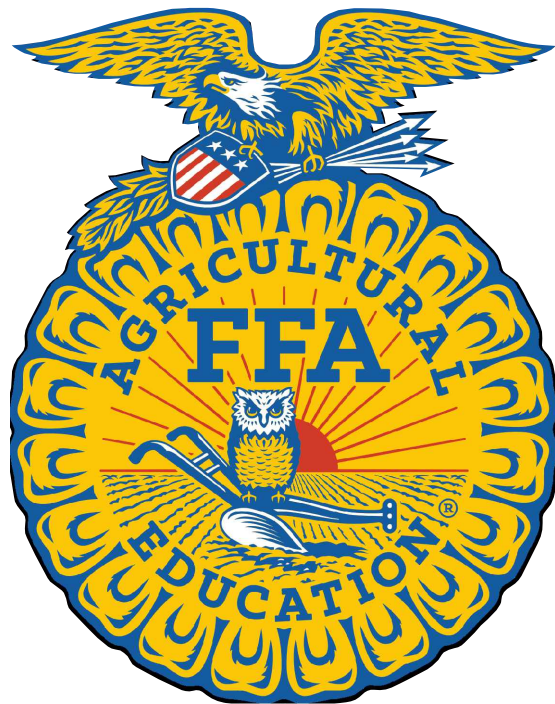
I BELIEVE in less dependence on begging and more power in bargaining; in the life abundant and enough honest wealth to help make it so – for others as well as myself; in less need for charity and more of it when needed; in being happy myself and playing square with those whose happiness depends upon me.

I BELIEVE that American agriculture can and will hold true to the best traditions of our national life and that I can exert an influence in my home and community which will stand solid for my part in that inspiring task.

Written by E. M. Tiffany

3. Lettering to be Times New Roman Style in a size to fit the sign size.

END OF SECTION - 10425



DIVISION 10 - SPECIALTIES

SECTION 10522

FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES

PART 1: GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SECTION INCLUDES

- A. This Section includes the following:
 - 1. Fire extinguishers.
 - 2. Fire extinguisher cabinets.
 - 3. Fire extinguisher mounting brackets.

1.03 SUBMITTALS

- A. Product Data: Provide data for each type of sign specified, including details of construction relative to materials, dimensions of individual components, profiles, and finishes. Include rough-in dimensions, details showing mounting methods, relationships of box and trim to surrounding construction door hardware, cabinet type and materials, trim style, door construction, panel style and materials.
- B. Samples: Provide samples for initial selection purposes in the form of manufacturer's color charts consisting of actual units or sections of units showing full range of colors, textures, and patterns available for each type of cabinet finish indicated or exposed to view.

1.04 QUALITY ASSURANCE

- A. Single Source Requirement: For each Fire Extinguisher type required, obtain from one source of a single manufacturer.
- B. Coordination: Verify that cabinets are sized to accommodate type and capacity of extinguishers indicated.
- C. UL-Listed Products: Fire extinguishers shall be UL listed with UL listing mark for type, rating, and classification of extinguisher.
- D. FM-Listed Products: Fire extinguishers approved by Factory Mutual Research Corporation for type, rating and classification of extinguisher with FM marking.

1.05 DELIVERY, HANDLING & STORAGE

- A. Deliver fire extinguishers and cabinets to site in unopened container or packaging submitted by manufacturer. Store in controlled conditioned space free from extreme temperature differences. Protect units from damage on site in secure locked room until time of installation.

PART 2: PRODUCTS

2.01 MATERIALS

- A. Available Manufacturers:
 - 1. Ansul Fire Protection.
 - 2. Potter-Roemer, Smith Industries, Inc.
 - 3. J.L. Industries, Inc. Activar
 - 4. Larsen's Manufacturing, Co.
- B. Fire Extinguisher Cabinets
 - 1. Equal to Larsen's 2409-R4 Semi Recessed with Vertical Duo Clear Acrylic Door (#4 Stainless Steel).
(To fit in a 4 inch stud wall with 5/8 " gwb on both sides.)
- C. Fire Extinguishers
 - 1. General: Provide fire extinguishers for each cabinet and other locations indicated, in colors and finishes selected by Architect from manufacturer's standard, that comply with authorities having jurisdiction.
 - 2. Multipurpose Dry Chemical Type: UL-rated 4-A: 60-B; C, 10 - lb nominal capacity, in enameled steel container.
 - 3. Class K Type Wet Chemical for kitchen grease fires, Nominal capacity of 6 liters, UL rating of 2A:1B:C:K.
 - 4. Provide Louisiana State Fire Marshal inspection tag on each fire extinguisher.
- D. Mounting Brackets
 - 1. Brackets: Designed to prevent accidentally dislodging extinguisher, of sizes required for type and capacity of extinguisher indicated, in plated finish.
 - a. Provide brackets for extinguishers not located in cabinets.
 - b. Provide brackets for extinguishers not located in cabinets and for those located in cabinets.
- E. Finishes for Cabinets, General:
 - 1. Comply with NAAMM "Metal Finishes Manual" for recommendations relative to applying and designating finishes.
 - 2. Protect mechanical finishes on exposed surfaces from damage by applying temporary strippable protective covering prior to shipping.

PART 3: EXECUTION

3.01 EXAMINATION

- A. Examine rough in for hose valves, hose rack, and cabinets to verify locations of piping connections prior to cabinet installation.
- B. Examine walls and partitions for thickness and framing for cabinets to verify cabinet depth and mounting prior to cabinet installation.

3.02 INSTALLATION

- A. Follow manufacturer's printed instructions for installation.
- B. Install 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 cabinets as required by type and size of cabinet and style of trim and to comply with manufacturer's instructions.
 - 2. Fasten mounting brackets and cabinets to structure, square and plumb.

3.03 CLEANING AND PROTECTION

- A. At completion of the installation, clean cabinets and extinguishers so that they are free of dust or dirt.
- B. Protect cabinets and extinguishers from harm from other trades prior to acceptance of building by Owner.
- C. Insure that all fire extinguishers are fully charged and inspected as required.
- D. Repair wall areas or surfaces around cabinets or mounting brackets as required.

3.04 SCHEDULE

- A. The following are to be used in the building:
 - 1. Semi Recessed Cabinet Type (Multi-purpose dry chemical type) in the following locations:
 - a. Two (2) required as shown in locations indicated on the Floor Plan A2.1. One in the Meeting Room and one in the Hall.
 - 2. Exposed Surface Mounted Type (Multi-purpose dry chemical type) in the Following locations (Two (2) Required):
 - a. Electrical/ IT Room
 - b. Mechanical Room s. (1 required)
 - 3. Exposed Surface Mounted Type (Type K Class – Wet Chemical for Kitchen Grease Fires) in the Following Locations (One (1) Required):
 - a. Kitchen

END OF SECTION - 10522

DIVISION 10 - SPECIALTIES

SECTION 10750

FLAGPOLES AND ACCESSORIES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SECTION INCLUDES

- A. One (1) External Halyard System, Ground Mounted Flagpole.
- B. Flagpole accessories for One (1) systems including:
 - 1. Single revolving truck.
 - 2. Halyards and Snaps.
 - 3. Gold Anodized Spun Aluminum Ball with Flush Seam Finial.
 - 4. Anodized Mill Aluminum, cleat.
 - 5. Spun Anodized Mill Aluminum Collar.
 - 6. Ground Sleeve Assembly.
 - 7. Nylon Flags

1.03 SUBMITTALS

- A. Product Data: Provide data on Flagpole, Flagpole accessories.
- B. Shop Drawings: Provide dimensioned elevations for flagpole, flagpole accessories.
- C. Samples: Provide samples of all devices as required.

1.04 QUALITY ASSURANCE

- A. Insure that product is of the best quality and meets the standards of the industry including the standards set by the National Association of Architectural Metal Manufacturer's for Flagpole construction.
- B. Single Source Requirement: Obtain Flagpole and Accessories from a single source to insure consistency in design and compatibility of accessory items to pole.
- C. Design Criteria: Provide one (1) – 35 ft. flagpole and all anchorage devices to be designed to resist 120 mph wind velocity when flying a 6 ft. x 10 ft. flag.
- D. Furnish copies of manufacturers specifications and installation instructions for type of flagpole, base, housing, and fittings provided.

1.05 DELIVERY, HANDLING & STORAGE

- A. Deliver Flagpole and Flagpole accessories to site in unopened container or packaging submitted by manufacturer. Store in controlled conditioned space free from extreme temperature differences. Do not allow heavy objects to be placed on material which may cause it to become smashed or damaged prior to installation. Keep material clean and free of dust and dirt.
- B. Flagpole should be spiral wrapped with heavy kraft paper and packed in tube prior to shipment.
- C. Deliver flagpole in original wrapping.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Available Manufacturers:
 1. AA BEC, Morgan-Francis Division of ICC Manufacturing Co.
 2. American Flagpole, Division of Kearney-National, Inc.
 3. Concord Industries, Inc.
 4. Ewing
 5. Pole-Tech Co., Inc.

2.02 FLAGPOLES - One (1) REQUIRED

- A. Standard Requirements for 1 pole.
 1. Material: Alloy 6063-T6 aluminum tubing with uniform conical taper.
 2. Finish: Directional Satin ground Clea Anodized.
 3. Base Diameter: 7 inches
 4. Top Diameter: 3.5 inches
 5. Wall Thickness: .188 inches
 6. Exposed Height: 35 ft.
 6. Total Height: 39 ft.
 7. Wind Load: Able to withstand winds above 120 mph with a 6' x 10' flag attached.

2.03 ACCESSORIES – ONE (1) SETS OF EACH REQUIRED

- A. Standard Requirements:
 1. Finial: 14 gauge Gold Anodized Spun Aluminum Ball with Flush Seam Finial.
 2. Truck: Single Sheave revolving truck with stainless steel bearing concealed inside a cylindrical hood.
 3. Halyard: #10 (5/16" dia.) braided polypropylene, with recommended number of chrome plated bronze swivel snaphooks.
 4. Flags: 6' x 10' Flags as follows:
 - a. Flag #1: Official (50 white stars on blue field, 7 red strips and 6 white strips) United States of America made of Nylon to withstand winds of minimum 120 mph 6 ft. x 10 ft.
 - b. Flag #2: Official State of Louisiana Flag made of Nylon to withstand winds of minimum 120 mph., 6ft. x 10 ft.
 5. Cleat: Cast Aluminum to match color of flagpole size as recommended by Manufacturer.
 6. Collar and Ground Sleeve Assembly: Cast Aluminum for ground mounted installations to match color of flagpole size as recommended by Manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION AND PREPARATION

- A. Coordinate the preparation of the cast stone housing sheath and the spun aluminum housing with all trades involved.

3.02 PRODUCT HANDLING

- A. Flagpole is to be shipped in manufacturers recommended fashion for protection during transit and conform with all legal requirements.
- B. If flagpole is to be stored on-site for an extended length of time, follow warning labels or recommendations from manufacturer.

3.03 INSTALLATION

- A. Follow manufacturer's recommendations for installation.
- B. Install unit plumb and level, at locations and with mountings shown. Securely attach to the supporting structure with concealed fasteners, in accordance with the manufacturer's installation instructions.
- C. Install flagpole, base assembly and fittings in compliance with approved shop drawings and manufacturer's instructions.
- D. Provide proper lightning ground for flagpole installation as required.
- E. Install all accessories as required to make flagpole and assembly totally functional

3.04 CLEANING

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

END OF SECTION – 10750

DIVISION 10 - SPECIALTIES

SECTION 10800

TOILET AND BATH ACCESSORIES

PART 1: GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SECTION INCLUDES

- A. This Section includes Toilet and Bath accessory items as scheduled.

1.03 SUBMITTALS

- A. Product Data: Provide data for each toilet accessory item specified, including construction details relative to materials, dimensions, gages, profiles, mounting method, specified options, and finishes.
- B. Schedule indicating types, quantities, sizes and installation locations (by room) for each toilet accessory item to be provided for project.
- C. Setting drawings where cutouts are required in other work, including templates, substrate preparation instruction, and directions for preparing cutouts and installing anchorage devices.
- D. Maintenance instructions including replaceable parts and service recommendations.

1.04 QUALITY ASSURANCE

- A. Inserts and Anchorage: Furnish accessory manufacturers' standard inserts and anchoring devices that must be set in concrete or built into masonry, stone or tile. Coordinate delivery with other work to avoid delay.
- B. Single-Source Responsibility: Provide products of same manufacturer for each type of accessory unit and for units exposed to view in same area, unless otherwise acceptable to Architect.

1.05 DELIVERY, HANDLING & STORAGE

- A. Deliver all toilet and bath accessories to site in unopened container or packaging submitted by manufacturer. Store in controlled conditioned space free from extreme temperature differences. Protect accessories from damage on site in secure locked room until time of installation.

1.06 PROJECT CONDITIONS

- A. Coordination: Coordinate accessory locations, installation, and sequencing with other work to avoid interference with and ensure proper installation, operation, adjustment, cleaning and servicing of toilet accessory items.

1.07 WARRANTY

- A. Warranty: Submit a written warranty executed by mirror manufacturer, agreeing to replace any mirrors that develop visible silver spoilage defects within warranty period.

- B. Warranty Period: 15 years from date of Substantial Completion.
- C. The warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

PART 2: PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering toilet accessories that may be incorporated in the Work include, but are not limited to the following:
 - 1. American Specialties, Inc.
 - 2. American Accessories
 - 3. Bobrick Washroom Equipment, Inc.
 - 4. Bradley Corporation
 - 5. McKinney/Parker
 - 6. Koala Corporation
 - 7. Brocar
 - 8. Excel

2.02 MATERIAL, GENERAL

- A. Stainless Steel: AISI Type 302/304, with polished No. 4 finish, (18 gauge) minimum thickness.
- B. Brass: Leaded and unleaded, flat products, ASTM B 19; rods, shapes, forgings, and flat products with finished edges, ASTM B-16; Castings, ASTM B-30.
- C. Sheet Steel: Cold-rolled, commercial quality ASTM A 366, 0.04 inch (20 gage) minimum. Surface preparation and metal pretreatment as required for applied finish.
- D. Galvanized Steel Sheet: ASTM A 527, G60.
- E. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.
- F. Mirror Glass: Nominal 6.0-mm (0.23 inch) thick, conforming to ASTM C 1036, Type 1, Class 1, Quality q2, and with silvering, electro-plated copper coating, and protective organic coating.
- G. Galvanized Steel Mounting Devices: ASTM A153, hot-dip galvanized after fabrication.
- H. Fasteners: Screws, bolts, and other devices of same material as accessory unit, or of galvanized steel where concealed.

2.03 RECESSED PAPER TOWEL DISPENSERS/WITH WASTE RECEPTACLE (For 2 Toilet rooms)

- A. Semi Recessed Mounted Paper Towel Dispenser/Waste Receptacle Unit: Fabricate of stainless steel with hinged front equipped with tumbler lockset. (Three (3) required) (Men, Women, & Staff R.R.).
 - 1. Capacity: Not less than 900 multifold towels without special adapter.
 - 2. Size Range: Approximately 56 inches high, 14 inches wide, and up to 5 3/4 inches deep.
 - 3. American Specialties Inc. # 046926 Paper Towel Dispenser/Waste Combination
 - 4. See Schedule at the end of this section for number to be furnished.
 - 5. Mounting shall be in strict accordance with the 1994 ADAAG Guidelines for making Buildings Accessible.

- 2.04 SURFACE MOUNTED PAPER TOWEL DISPENSER (For, Kitchen
A. Paper Towel Dispenser
1. One (1) Required
2. McKinney-Parker #610 Brushed Chrome
3. American Specialties #0210 Brushed Chrome

2.05 TOILET PAPER TISSUE DISPENSERS

- A. Surface Mounted Twin 9 inch Jumbo Roll Toilet Tissue Dispenser: (2 required)
1. 18 ga. Type 304 stainless steel.
2. To Hold 2 – 9 inch diameter rolls of 2 ¼ inch diameter core.
3. See schedule at the end of this section for number to be furnished.
4. Mounting shall be in strict accordance with the 1994 ADAAG Guidelines for making Buildings Accessible.
5. Size to accommodate mounting inside toilet stall locations.
6. Manufacturers:
a. ASI # 0040 or Equal

2.06 GRAB BARS

- A. Unit Type: (Three (2) sets required).
1. Stainless Steel Type: Provide grab bars with wall thickness not less than 0.05 inch (18 gage) and as follows:
a. Mounting concealed, manufacturer's standard flanges and anchorage's to withstand more than 250 pounds of force.
b. Clearance: 1-1/2 " clearance between wall surface and inside face of bar.
c. Gripping Surfaces: Smooth, satin finish.
d. Heavy Duty Size: Outside diameter of 1-1/2 inches.
e. Provide as follows but in no case less than the requirements of the American's with Disabilities Act or the Louisiana State Fire Marshall Act.
1.) 3 – 36 inch grab bars by American Accessories, Bradley, Bobrick, ASI for handicap toilet stalls.
2.) 3 – 42 inch grab bars by American Accessories, Bradley, Bobrick ASI for handicap toilet stalls.

2.07 LIQUID SOAP DISPENSERS (Automatic-Hands-Free)

- A. Liquid Soap Dispenser, Wall Mounted Bradley 643 or Bobrick Trimline Series Recessed or ASI 0326 Recessed. (Three (2) required).
1. Description: Designed for dispensing soap in liquid or lotion form.
2. Mounting: Horizontally oriented, recessed.
3. Capacity 32 oz.
4. Materials: Flange fabricated of type 304, 22ga. Stainless steel, satin finish. One piece seamless construction. Cabinet fabricated of type 304, heavy gauge stainless steel. Soap vessel fabricated of type 304, 22 ga stainless steel, satin finish.
5. Lockset: Tumbler type.
6. Refill Indicator: Window type.

2.08 FRAMED TEMPERED PLATE GLASS MIRRORS

- A. Framed 18 inch x 36 inch wall mounted tempered plate glass mirror at Men and Women's Restrooms (Four (4) Required)
1. Mirrors of ¼ inch tempered plate glass.
2. Frames are to be brushed stainless steel.
3. Provide one (1) at each lavatory in each toilet room for a total of 4.
4. Manufacturers:
a. Bradley # 780 or ASI 0600

2.09 ELECTRIC HAND DRYER

- A. "No Touch" Wall Mounted Electric Hand Dryer (2 required).
1. Finish: Satin Chrome
 2. Electrical Requirements 110 to 120 volts, for 20 amps.
 3. Provide 1 in each Large Public Men and Women Toilets (103 & 104) and 1 in the Staff Restroom (130) for a total of three (3).
 4. Manufacturers:
 - a. ASI #0122 or Excel #HO-IC

2.10 MISCELLANEOUS ACCESSORIES

- A. Mop and Broom Holder, Utility Shelf: (1 required)
1. Combination unit with 0.05 inch (18 gage), Type 304, stainless steel shelf with 1/2 inch returns, 0.062 inch (16 gage) support brackets for wall mounting. Provide 0.062 (16 gage) stainless steel hooks for wiping rags on front of shelf, together with spring-loaded, rubber hat, cam-type mop/broom holders; 1/4" diameter stainless steel drying rod suspended beneath shelf. Provide unit 36 inches long and complete with four mop/broom holders and three hooks.
 - a. Bobrick B-224 X 36 or Bradley 9984
 - b. Provide only one unit at each Janitor closet.
- B. Robe/Coat Hook (2 required)
1. Single Robe fabricated of Type 304 18-8 stainless steel.
 2. Bobrick Model B-2116 or American Specialties, Inc. Model 0751A
 3. Provide (1) in each toilet stall locations in each Toilet Room and in each separate toilet room. See the end of this section of schedule of number to be furnished
- D. Baby Changing Table: (2 required, one in Women Toilet and one in Men's Toilet)
1. Horizontal Baby Changing Station: Molded high density polyethylene
 - a. Koala: 20" x 35" HD Polyethylene
 - b. Brocar: Model 100E HD Polyethylene
- E. Shower Curtains and Rods, Rings and Accessories:
1. Two (2) required including shower curtain, curtain rod, rings, and accessories.
 - a. Shower Rod (Two (2) required)
 - b. Equal Manufacturers: Bradley, Bobrick
 - c. Equal to American Specialties, Inc. # 1204 Extra Heavy-Duty Shower Curtain Rod with 3 inch diameter flange, 20 gauge type 304 Stainless Steel with Satin Finish Rod is 1 1/4" in diameter, 18 gauge type 304 Stainless Steel tubing with satin finish. Provide appropriate length as required for specific opening.
- F. Shower Curtain and Hooks (Two (2) Required)
1. Shower Curtain: For the purposes of these specifications match or equal to American Specialties, Inc. #1200-V Vinyl Shower Curtain, flame resistant, anti-bacterial, 8 gauge vinyl fabric. Standard White in color. Standard height to be 72 inches. Curtain is to be 6 inches wider than opening up to 48 inches and 12 inches wider for openings exceeding 48 inches.
 - a. Equal Manufacturers: Bradley, Bobrick
- G. Wall Mounted Fixed Shower Seat (2 required):
- a. For the purposes of these specifications match or equal to American Specialties, Inc. #8206 L & R seat meets ADA Accessibility Guidelines and the needs of the physically disabled and elderly. Seat is 1/2" thick, one piece solid phenolic, ivory colored. Frame support, legs, flanges and bracket are of type 304 satin finish stainless steel, with self locking mechanism measuring 33 inches wide and projects 22 7/8" from wall. Suggested mounting height to be from 17 inches to 19 inches from top of seat to floor.
 - b. Equal Manufacturers: Bradley, Bobrick

2.11 FABRICATION

A. General:

1. Only a maximum 1-1/2 " diameter, unobtrusive stamped manufacturer logo, as approved by Architect, is permitted on exposed face of toilet or bath accessory units. On either interior surface not exposed to view or back surface, provide additional identification by either a printed, waterproof label or a stamped nameplate, indicating manufacturer's name and product model number.

B. Surface-Mounted Toilet Accessories, General:

1. Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinges. provide concealed anchorage wherever possible.

C. Recessed Toilet Accessories, General:

1. Except where otherwise indicated, fabricate units of all-welded construction, without mitered corners. Hang doors or access panels with full-length, stainless steel piano hinges. Provide anchorage that is fully concealed when unit is closed.

PART 3: EXECUTION

3.01 EXAMINATION

- A. Examine rough-in for all recessed cabinets to verify locations prior to cabinet installation.
- B. Examine walls and partitions for thickness and framing for cabinets to verify cabinet depth and mounting prior to cabinet installation.
- C. Insure that solid backing has been installed behind all wall surface mounted devices.

3.02 INSTALLATION

- A. Install toilet accessory units according to manufacturers' instructions, using fasteners appropriate to substrate as recommended by unit manufacturer. Install units plumb and level, firmly anchored in locations and heights indicated.
- B. Secure mirrors to walls in concealed, tamperproof manner with special hangers, toggle bolts, screws or other devices required. Set Mirrors level and plumb and square at locations indicated.
- C. Install grab bars to withstand a downward load of at least 250 lb., complying with ASTM F 446.

3.03 ADJUSTING CLEANING AND PROTECTION

- A. Adjust toilet accessories for proper operation and verify that mechanisms function smoothly. Replace damaged or defective items.
- B. Clean and polish all exposed surfaces strictly according to manufacturer's recommendations after removing temporary labels and protective coatings.

3.04 SCHEDULE

- A. The following Toilet and Bath Accessories are required:
 1. Semi Recessed Paper Towel Dispensers/Trash Receptacles: Two (2) required.
 2. Surface Mounted Paper Towel Dispenser Only Two (2) required
 3. Toilet Paper Tissue Dispensers: Two (2) required.

4.	Coat Hooks:	Two (2) required.
5.	Mop and Broom Holders/Shelf:	One (1) Required
6.	36 inch Grab Bars:	Two (2) required.
7.	42 inch Grab Bars:	Two (2) required.
8.	Soap Dispensers (Automatic-Hands-Free):	Three (3) required.
9.	18" x 36" Framed Tempered Plate Glass Mirrors:	Four (4) required.
10.	Baby Changing Table:	Two (2) required.
11.	Shower Curtain/Rod and Rings:	Two (2) required.
12.	Shower Seat:	Two (2) required.

END OF SECTION - 10800