

SECTION C10420 - IDENTIFYING SIGNAGE

PART I - GENERAL

DESCRIPTION
Extent of Signage as indicated on drawings and specified herein.
Exterior signage can be found on the site drawings.

QUALITY ASSURANCE
Drawings and specifications are based on one manufacturer's standard products.

SUBMITTALS
Submit shop drawings for directions and door identification signs including large-scale sections of typical numbers. Show reinforcement, anchorages, components and finishes.

PART II - PRODUCTS

SIGNAGE SUPPLIERS
Suppliers
1. Clayton Industries, Lake City, GA 30260 see Owner's Sign Package
2. Anchor Signs, Charleston, SC 29405 see Owner's Sign Package
3. Chandler Signs, Atlanta, GA 30534, see Owner's Sign Package
4. National Signs, Houston, TX 77054, see Owner's Sign Package
5. Thomas Signs & Awning, Clearwater, FL 33762, see Owner's Sign Package

DOOR IDENTIFICATION SIGNS/PUBLIC AREAS

Provide door identification signs that read:
MAN with wheelchair symbol
WOMAN with wheelchair symbol
ELECTRICAL ROOM
MECHANICAL ROOM
EMERGENCY EXIT ONLY (1)
EXIT (3)

All signage, exterior and interior, shall be in accordance with state and local authorities including raised letters, Braille and symbols.
Materials: See Owner's sign package for materials and sizes.
Exterior Signage: See Owner's sign package.

PART III - EXECUTION

INTERIOR SIGNAGE INSTALLATION
Install units plumb and level, in locations as shown. Securely attach to supporting structure by means of foam tape and silicone adhesive, in accordance with manufacturer's installation instructions.

EXTERIOR SIGNAGE
Refer to the Owner's sign package.
Auger hole for each post, set post plumb and fill to grade with concrete, assemble sign panels in accordance with manufacturer's instructions.

END OF SECTION C10420

SECTION - C10523: PORTABLE FIRE EXTINGUISHERS

PART I - GENERAL

SECTION INCLUDES
Portable fire extinguishers and mounting brackets for fire extinguishers.

SUBMITTALS
Submit Shop Drawings per SUBMITTALS Section. Submit sufficient manufacturer's data to indicate compliance with these specifications including:
1. Fire Extinguishers: Materials description including rating and classifications.
2. Schedules showing each type of extinguisher and mounting information.

RELATED SECTIONS
Fire Protection Drawings
Division 15 - Plumbing Work

QUALITY ASSURANCE
Provide fire extinguishers of type approved by UL, State Fire Marshal's Office and local regulatory agencies.
Provide fully charged fire extinguishers produced by a single manufacturer.

WARRANTY

Special warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of portable fire extinguishers that fails in materials or workmanship within specified warranty period.
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.
Warranty period: 1 year from date of substantial completion.

PART II - PRODUCTS

PORTABLE FIRE EXTINGUISHERS
Manufacturers:
1. Amerex Corporation, Trussville, AL 35173
2. Ansul Incorporated, Marinette, WI 54143
3. Badger Fire Protection, Charlottesville, VA 22901
4. Buckeye Fire Equipment Company, Kings Mountain, NC 28086
5. Fire End & Coker Corporation, Elmsford, NY 10523
6. General Fire Extinguisher Corporation, Aston, PA 19014
7. J.L. Industries, Inc., Bloomington, MN 55435
8. Larsen's Manufacturing Company, Minneapolis, MN 55432
Multi-Purpose Chemical Type: Extinguisher unit containing a fluidized and siliconized mono ammonium phosphate powder, nonconductive and nontoxic.

Construction: Heavy duty steel cylinder with metal valve and siphon tube. O-ring seal replaceable valve stem seal, visual pressure gauge, pull pin and upright squeeze grip.
Finish: Factory powder coated, Red.
Effectiveness (Rating): Class A, B and C fires
Class K Wet chemical Type: Extinguisher unit containing a low "pH" potassium acetate solution.

Construction: Stainless steel cylinder with protective nozzle tip, stainless steel nonmetallic nozzle tip, finger guard, O-ring seal, replaceable valve stem seal, visual pressure gauge, pull pin, and upright squeeze grip.
Effectiveness (Rating): Class K fires.
Accessories:
1. Mounting Brackets: Provide manufacturer's standard steel brackets designed to secure fire extinguisher to wall or structure, of sizes required for types and classifications of fire extinguishers indicated.

PART III - EXECUTION

INSTALLATION
Install in locations and at mounting heights complying with applicable regulations.
Apply Wall Signs where shown or directed after field painting has been completed and accepted.

Ensure that each extinguisher is fully charged and that inspection of each extinguisher has been performed, as evidenced by the National Association of Fire Equipment Distributors certification tag, just prior to turnover.

CLEAN-UP
Upon completion of work of this section remove related debris from premises.

END OF SECTION C10523

SECTION: C10535 - CANOPIES

PART I - GENERAL

DESCRIPTION OF WORK
Work in this section includes furnishing and installation of extruded aluminum overhead hanger rod style canopies.

QUALITY ASSURANCE
Drawings and specifications are based on one manufacturer's standard products.

SUBMITTALS
Submit Shop Drawings per SUBMITTALS Section: Base on details shown on the Drawings. Submit manufacturer's technical data for each type of acoustical ceiling unit and suspension system required.
Canopy must conform to local building codes, provide PE stamped calculations when required.
Confirm dimensions prior to preparation of shop drawings when possible.
Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.

PART II - PRODUCTS

MANUFACTURERS
1. Mazzoli Canopies, Lincoln, NE 68514, Phone: (888) 273-1132
2. Super Lumbar (Covered), HR Hanger Rod Supported
3. Super Shade (Louvers), HR Hanger Rod Supported

MATERIALS AND FINISHES
Decking shall consist of 2-inch extruded aluminum decking.
Intermediate framing members shall be extruded aluminum, alloy 6063-T6, in profile and thickness shown in current manufacturer literature.
Hanger rods and attachment hardware shall be powder coated.
Fascia shall be standard 8-inch extruded PVC style.
Flashings shall be by the manufacturer.
Finishes: Finish type shall be 2-coat Kynar finish, see drawings for color.

FABRICATION
All canopies are shipped in preassembled sections for ease of installation.
All connections shall be mechanically assembled utilizing 3/16-inch fasteners with a minimum shear stress of 350 pounds pre-welded or factory-welded connections are not acceptable.
Decking shall be designed with interlocking roll-formed aluminum members.
Concealed drainage: Water shall drain from covered surfaces into intermediate trough and be directed to side Sopper near front.

PART III - EXECUTION

INSPECTION
Confirm that surrounding area is ready for the canopy installation.
Installer shall confirm dimensions and elevations to be as provided by Mapes Industries.
Erection shall be performed by an approved installer and scheduled after all concrete, masonry and roofing in the area is completed.

INSTALLATION
Installation shall be in strict accordance with manufacturer's shop drawings. Particular attention should be given to protecting the finish during handling and erection.
Canopy installation: Installer provides 1/2-inch stainless steel lag bolts at 18" on center at head locations, 1/2-inch stainless steel thru bolts at all tie back locations, refer to manufacturer's recommendations.

CLEAN-UP
After installation, entire system shall be left in a clean condition.

END OF SECTION C10530

SECTION - C10810: TOILET ACCESSORIES

PART I - GENERAL

SECTION INCLUDES
Toilet Accessories: Provide and install per the schedule on the drawings.
All bathroom fixtures and accessories shall comply with all Federal, state and local handicap accessibility code requirements.

RELATED SECTIONS
Sealants and Caulking: SECTION C07920
Rough Carpentry: SECTION C06000

SUBMITTALS
Submit Shop Drawings per SUBMITTALS Section: Base on details shown on the Drawings. Submit manufacturer's technical data for each accessory item.

PART II - PRODUCTS

MANUFACTURER
Manufacturers: As indicated on the Request Legend on the Drawings.

INSPECTION
Inspect framing and plate inserts in framing to determine if material is in proper condition. Installation of accessories prior to wallboard surfacing being applied. Grab bars will be securely attached to framing. Grab bars will be installed to meet a 250 pound loading condition; provide necessary concealed anchorage devices to meet load requirements.

INSTALLATION

Blocking: Contractor to provide and install all necessary blocking for the accessories.
Install items in accord with manufacturer's instructions, in locations shown on the drawings in cooperation with the work of other trades.
Remove protective covers at final clean-up of installation.

CLEAN-UP
Upon completion of work, remove related debris from the premises.

END OF SECTION C10820

DIVISION 12 - FURNISHINGS

SECTION C12390 - MILLWORK, CABINETRY AND COUNTERTOPS

PART I - GENERAL

DESCRIPTION
Coordinate installation of Owner supplied millwork, cabinetry and countertops. Owner's contractor (Clayton Fixture) supplies and installs the millwork.

RELATED WORK SPECIFIED ELSEWHERE
Concrete Footings/Slab on Grade: SECTION C03300
Finish Carpentry: SECTION C06410
Vinyl Base: SECTION C09655
Division 15 - Plumbing Work

SUBMITTALS
Submit Shop Drawings per SUBMITTALS Section: Base on details shown on the Drawings.

PART II - PRODUCTS

Manufacturer: Clayton Fixture, see National Accounts. Owner's contractor will supply and install material as shown in the General Contractor's package. Material supplied includes, but is not limited to:
1. Cabinetry
2. Counters
3. Restroom lavatories and mirror
4. Window Sills
5. Wood Trim
6. Wainscoting
7. Shelving

PART III - EXECUTION

INSPECTION
Examine all surfaces to which the cabinets and tops are to be applied. Do not proceed until unsatisfactory conditions are corrected and surfaces are acceptable of the surfaces.

INSTALLATION
Installation of millwork, cabinets, countertops, etc. shall be performed by Clayton Fixture.
Installation of wainscot shall be performed by Clayton Fixture.
Installation of concrete curbs for cabinetry shall be provided by the General Contractor.

END OF SECTION C12390

SECTION C12500 - WINDOW TREATMENT

PART I - GENERAL

DESCRIPTION
Manually operated sunscreen roller shades, provided and installed by contractor.

RELATED SECTIONS
Rough Carpentry: SECTION C06000
Gypsum Board: SECTION C09250

SUBMITTALS
Submit Shop Drawings per SUBMITTALS Section, based on details on the drawings. Submit sufficient manufacturer's data to indicate compliance with these specifications including:
1. Installation instructions and recommendations.
2. Size, dimensions, profiles, finishes and operating instructions.
3. Mounting hardware and installation methods.

QUALITY ASSURANCE
Single-Source: Provide roller shades units and fabrics by a single manufacturer.
Fire Performance: Identify roller shade components with appropriate markings of applicable testing and inspection organization.
NFPA 701-99 small and large-scale vertical burn.
Anti-Microbial Performance: Identify fabric with appropriate markings of applicable testing and inspection organization.
ASTM E 2180, ASTM G21, AATCC30 Part 3, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329, Microban
Safety Standard Performance: ANSI/WCMA A100.1-2010

WARRANTY
Roller Shade Hardware: Manufacturer's standard twenty-five (25) year limited warranty.
Chain to have manufacturer's standard one (1) year warranty.
Roller Shade Fabric: Manufacturer's standard ten (10) year limited warranty.

PART II - PRODUCTS

MANUFACTURERS
Roller Shade Hardware:
1. Roll-A-Shade, Elsinore, CA 92502
2. Window Interiors, Altamonte Springs, FL 32701
Roller Shade Fabric:
1. Philtr Incorporated, Tusaloosa, AL 35401

ROLLER SHADE
Manual operation interior, chain drive, sunscreen roller shades in all windows as shown on the drawings. Fabricate units to completely fill openings from head to sill and jamb to jamb.

Construction of shade includes the fabric, the hem weight, hem-pocket and/or bottom rail with end caps, shade roller tube and the attachment of the shade band to the roller tube. Sewn hems and open hem packets are not acceptable.
a. Hem weight shall be continuous inside inside a sealed hem pocket, hem pocket construction and hem weights shall be similar, for all shades within on space.

Fascia: Continuous removable extruded aluminum fascia that attaches to shade mounting brackets with the use of adhesives, magnetic strips or exposed fasteners.
a. Fascia shall be able to be installed across one shade bands in one piece.
b. Fascia shall fully conceal brackets, shade roller and fabric on the tube.
c. Provide bracket/fascia end caps as required.
d. Color as indicated on drawings.

Manual Operated Chain Drive: Stainless steel No. 10 chain rated to 90 pound breaking strength. Nickel plated chain shall not be accepted.
a. Drive sprocket and brake assembly shall have a minimum of four (4) wrap springs.
b. Assembly shall be fully mounted on steel support bracket which may be removed and reinstalled without effecting the roller shade limit adjustments.
c. Tension device shall be installed using a device that when not installed properly renders the shade partially inoperable.

Shade Brackets:
a. Shade hardware shall be constructed of minimum 1/16-inch thick plate steel.
b. Provide hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening.
c. Provide hardware capable for installation of a removable fascia. No exposed fastening devices of any kind.
d. Shade bands shall be adjustable without removing shade roller tube or hardware from window.
e. Brackets shall be fully integrated with all accessories.

SHADE FABRIC

Visually Transparent Single-Fabric Shade Cloth as indicated in the Finish Schedule.

PART III - EXECUTION

INSTALLATION
Install shades level, plumb and true in accordance with manufacturer's instructions including recommended support brackets and fasteners.
Install shades with adequate clearance to permit smooth operation of the shades. Demonstrate shades to be in smooth, uniform working order.

END OF SECTION C12492

DIVISION 15

SECTION C15000 - MECHANICAL
See Mechanical Drawings for HVAC Specifications
SECTION C15100 - PLUMBING
See Plumbing Drawings for Plumbing Specifications

DIVISION 16
SECTION C16000 - ELECTRICAL
See Electrical Drawings for Electrical Specifications



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