

DIVISION 10: SPECIALTIES

- A. Signage:**
- Summary:** Provide installation coordination associated with Exterior Signage referenced in Tenant Work Letters, which is programmed, designed, specified, fabricated and installed by Tenants' under separate contracts.
 - Related Information:**
 - Division 06 Section "Rough Carpentry" for wood blocking and exterior sheathing as may be required to support Exterior Signage.
 - Installation Coordination:** Includes but may not necessarily be limited to the following:
 - Electrical rough-ins as indicated in Tenant Requirements.
 - Structural support and blocking as indicated in Tenant Requirements..
 - Scheduling and coordinating Exterior Signage work activities by others, which are included in separate contracts, so that the work proceeds without conflicts with the Tenant Build-Out
- B. Toilet Accessories:**
- Summary:**
 - Provide Base Building Installation Coordination, as may be required at base building walls and partitions;
 - Tenant Coordination: Provide and Install Toilet Accessories and related blocking, as required by Tenant Standards & Requirements indicated on Sheets A6.0, A6.1 and Sheet A6.2.
 - Submittals:**
 - Products:**
 - 36" Handicap Horizontal Grab Bar
 - 42" Handicap Horizontal Grab Bar
 - 19" Handicap Vertical Grab Bar
 - Double Roll Jumbo Toilet Paper Dispenser: Surface Mounted
 - Sanitary Napkin Disposal: Surface Mounted
 - Countertop Mounted Soap Dispenser
 - Wall Mounted Soap Dispenser
 - Electric Hand Dryer w/ Wall Recess Kit;
 - Mirror;
 - Coat Hook;
 - Baby Changing Station: Surface Mounted, Fold-Down;
 - ADA Pipe Protector;
 - Automatic Roll Towel Dispenser: Surface Mounted.
- Installation:**
- C. Fire Extinguishers:**
- Summary:** Provide and install portable, hand-carried fire extinguishers and mounting brackets for fire extinguishers.
 - Submittals:**
 - Product Data: For each type of product
 - Operation and maintenance data.
 - Quality Assurance:**
 - NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."
 - Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
 - Manufacturers:** Subject to compliance with requirements, provide products from one of the following:
 - Badger fire Protection
 - J.L. Industries, Inc.
 - Larsen's Manufacturing Company
 - Products:**
 - Fire Extinguishers: As indicated in Tenant Requirements.
 - Type: Multi-Purpose Dry-Chemical Type, with monoammonium phosphate-based dry chemical in manufacturer's standard enameled container;UL-rated Class A, B & C Hazards.
 - Size: As required by Fire Department having jurisdiction.
 - Mounting Brackets: As indicated in Tenant Requirements.
 - Manufacturer's standard galvanized steel, designed to secure fire extinguisher to wall or structure, of sizes required for types and capacities of fire extinguishers indicated, with plated black baked-enamel finish.
 - Identify bracket-mounted fire extinguishers with the words "FIRE EXTINGUISHER" in red letter decals applied to mounting surface, in letters complying with authorities having jurisdiction for letter style, size, spacing and location.
 - Cabinets: As indicated in Tenant Requirements.
 - Installation:** Install fire extinguishers and mounting brackets in locations indicated on the Drawing and in compliance with requirements of authorities having jurisdiction.

DIVISION 10: SPECIALTIES (CONT)

- D. EXTERIOR SHUTTERS - EXTRUDED ALUMINUM BAHAMA SHUTTERS
- PART 1 GENERAL
- 1.1 SECTION INCLUDES
- A. Extruded Aluminum Bahama Louvered Shutters
- 1.2 RELATED SECTIONS
- 1.3 REFERENCES
- A. AAMA 2603/04/05: Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels; 1998.
- B. MIAMI Dade County Product Control; Florida Building Code
- 1.4 SUBMITTALS
- A. Manufacturer's data sheets on each product to be used, including installation instructions.
- B. Selection Samples: For each finish specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- C. Operating and maintenance data.
- 1.5 DELIVERY, STORAGE, AND HANDLING
- A. Store products in manufacturer's unopened packaging until ready for installation.
- PART 2 PRODUCTS
- 2.1 MANUFACTURERS
- A. Acceptable Manufacturer: Willard Shutter Co., Inc., which is located at: 4420 N.W. 35th Ct. : Miami, FL 33142; Toll Free Tel: 800-626-4530; Tel: 305-633-0162; Email: request_info@willardshutterco.com; Web: www.willardshutterco.com or equal
- 2.2 MATERIALS
- A. Louvered Shutters: Extruded Aluminum; box beam frame with extruded louvers interlocking into frame.
1. Size and Configuration: As indicated on drawings.
2. Construct to withstand150 psf positive and negative wind pressure without damage or failure of anchors; provide intermediate louver supports and frame reinforcing as required.
3. Frame: 0.060 inch (1.53 mm) thick aluminum; 2 inches (50 mm) wide by 1-1/4 inches (32 mm); interior channels filled with high-temperature industrial adhesive to retain louvers.
4. Louvers: Extruded aluminum multi-hollow; 0.050 inches (1.25 mm) thick, 1-1/2 inches (38 mm) wide, with full radius edges, spaced at 1-1/4 inches (32 mm).
5. Bahama Style Shutters: Continuous reversible extruded aluminum hinge header at top with anchors; mounting as indicated on drawings.
- a. Arms attached to brackets on back of shutter and camelbacks on sill.
- b. Telescoping arms, for projection up to 44 degrees.
- c. Fixed length arms, for projection of 30 degrees.
- d. Arms removable and latches for securing shutter in closed position.
- e. Screw tie-down brackets and wall anchors as required for wind resistance.
6. Frame and Louver Finish: Electro-statically applied, modified acrylic/ polyester enamel powder over pre-treated aluminum, cured at 400°F.
- PART 3 EXECUTION
- 1.1 EXAMINATION
- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- 1.2 INSTALLATION
- A. Install in accordance with manufacturer's instructions.
- B. Adjust for proper operation.
- 1.3 PROTECTION
- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products and finishes before Substantial Completion.

DIVISION 11: EQUIPMENT

NOT APPLICABLE

DIVISION 12: FURNISHINGS

NOT APPLICABLE

DIVISION 13: SPECIAL CONSTRUCTION

NOT APPLICABLE

DIVISION 14: CONVEYING SYSTEMS

NOT APPLICABLE

DIVISION 21: FIRE SUPPRESSION

Refer to Engineering Drawings and Specifications.

DIVISION 22: PLUMBING

Refer to Engineering Drawings and Specifications.

DIVISION 23: HEATING VENTILATING AND AIR CONDITIONING (HVAC)

Refer to Engineering Drawings and Specifications.

DIVISION 26: ELECTRICAL

Refer to Engineering Drawings and Specifications.

DIVISION 27: COMMUNICATIONS

Refer to Engineering Drawings and Specifications.

DIVISION 31: EARTHWORK

Refer to Civil Engineering Drawings and Specifications

DIVISION 32: EXTERIOR IMPROVEMENTS

- A. Civil & Landscape Scope:**
- Refer to Civil Drawings and Specifications for project-specific Civil, Landscape and Hardscape Work.
- B. Structural Foundation Scope:**
- Contractor shall verify foundation design assumptions by means of a geotechnical report prepared by a registered Geotechnical Engineer.
 - Footing excavations shall be inspected in accordance with the recommendations contained in the required Geotechnical Report.
 - Temporary excavations for footings, pipes, or for other purposes shall be sloped or braced in accordance with OSHA requirements and any other requirements of the Geotechnical Engineer.
- C. Decorative Metal Fences And Gates:**
- Summary:** Provide and Install as indicated on the Drawings, including the following:
 - Trash Enclosure Gates:
 - Related Information:** Refer to Tenant Work Letters for Base Building Landlord Requirements associated with Exterior Improvements for each Tenant, which may include the following:
 - Concrete Patio Pavement
 - Exterior Lighting
 - Patio Fencing
 - Man Gates and Hardware



NEW RETAIL BUILDING
KITTIES CROSSING
21 BLUFFTON ROAD
BLUFFTON, SC, 29910
CNNA ARCHITECTS, INC.

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