

# CARTER WATKINS ASSOCIATES ARCHITECTS, INC.

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DATE: September 1, 2023  
TO: **ALL BIDDERS**  
RE: **Jackson County Senior Center**

## **ADDENDUM #2**

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The following information provided in this Addendum shall supersede all information provided in the Construction Documents regarding the affected items. This Addendum shall become part of the Construction Documents for the above project and shall be acknowledged by each bidder on the bid form.

1. The 10 DAY Davis Bacon Wage rates remain unchanged.
2. The building will be unoccupied during the duration of the project. General contractor and subs will not be limited to normal business hours of operation for construction.
3. There has not been an environmental assessment done. The building was built in 2000 and renovated in 2010. There is no known asbestos.
4. The project start date should be within 30 days of awarding contract with a duration of 12 months.
5. See the attached revised TABLE OF CONTENTS.
6. See the attached revised S-001 drawing.
7. See the attached section 10 26 00 Wall Rails that are to be installed in all building hallways. Floor plan indicates hallways that are to receive Wall Rails. Mounted 34" above finished floor.
8. The existing flagpole is to be removed during demolition.
9. See the attached section 10 75 16 Flagpole that is to be installed in its new location per sheet C-100. Up lighting is to be provided and installed by the contractor.
10. Contractor is responsible for demoing landscaping in the designated areas of new construction prior to construction.
11. Jackson County will be reasonable for replacing the landscaping around the front of the building. Coordinate with the owner so they can have it installed before the ribbon cutting.
12. Cable trays are not required for wiring.
13. All data wiring required to relocate the server from the basement to its new location should be included in the base bid.
14. The serving counter should have a Quartz surface per Section 12 36 61.19 Quartz Countertops.
15. Door types A and B are to be wood doors with wood frames.

**END OF ADDENDUM**

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## Jackson County Senior Citizens' Center Renovations and Additions

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BID NOTICE

A305 CONTRACTOR QUALIFICATIONS

A310 PROPOSAL BOND

A312 PAYMENT BOND

A312 PERFORMANCE BOND

CDBG CONTRACT CLAUSES

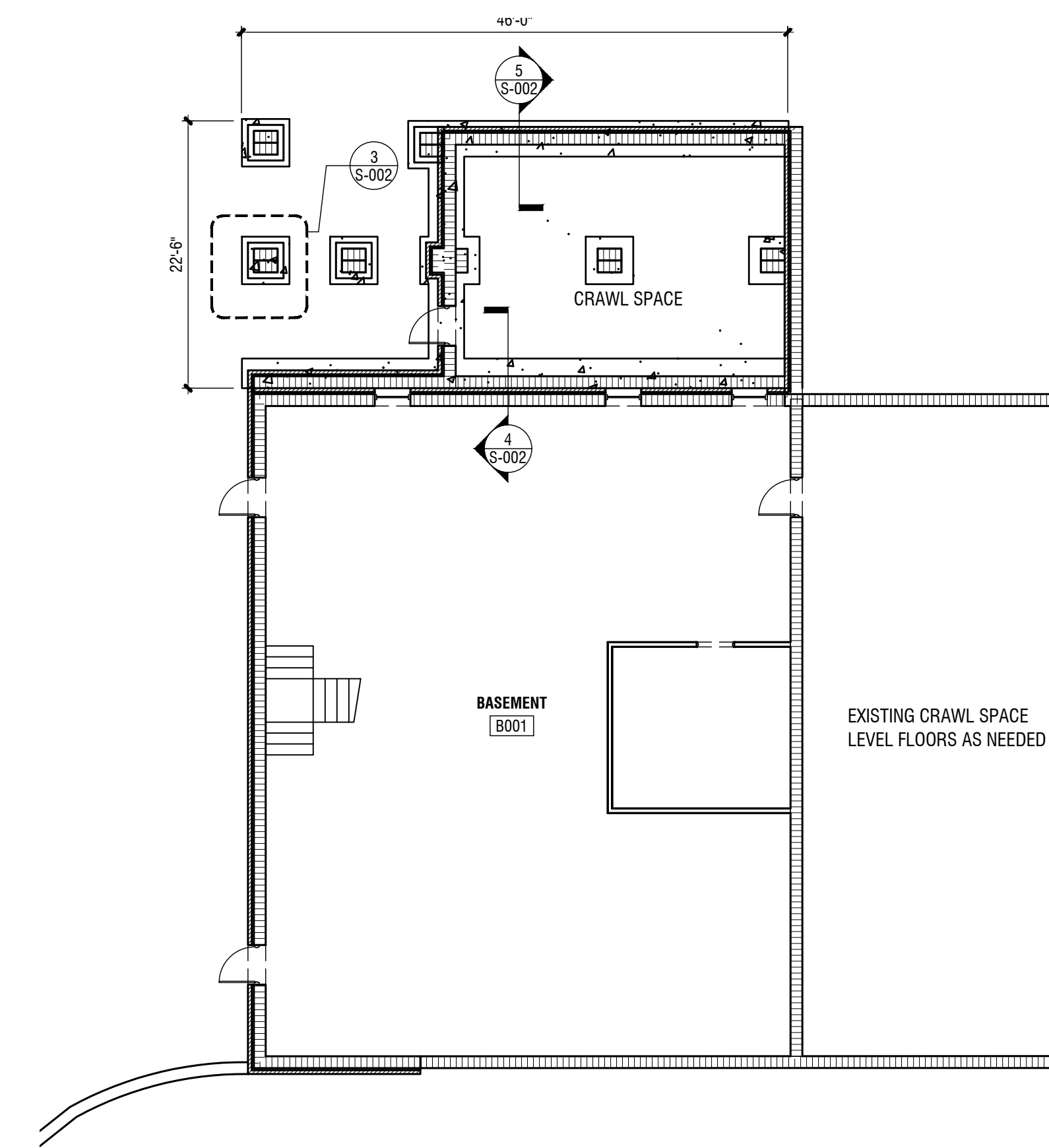
DIVISION 1	SECTION 01 11 13	SUMMARY OF THE WORK
	SECTION 01 21 13	ALLOWANCES
	SECTION 01 23 00	ALTERNATES
	SECTION 01 25 13	PRODUCT SUBSTITUTIONS
	SECTION 01 26 00	MODIFICATION PROCEDURES
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	SECTION 01 78 33	WARRANTIES AND BONDS
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	SECTION 01 79 00	DEMONSTRATION AND TRAINING
DIVISION 2	SECTION 0 41 16	SELECTIVE DEMOLITION
DIVISION 3	SECTION 03 30 00	CONCRETE WORK
DIVISION 4	SECTION 04 21 00	CLAY MASONRY UNITS
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DIVISION 12	SECTION 12 20 00	WINDOW SHADES
	SECTION 12 53 30	PLASTIC LAMIMATE CASEWORK
	SECTION 12 36 61.19	QUARTZ COUNTERTOPS
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	SECTION 23 06 30	HEATING, VENTILATION, AND AIR CONDITIONING
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DIVISION 27	SECTION 27 30 00	VOICE AND DATA COMMUNICATION CABLING
DIVISION 28	SECTION 28 31 00	FIRE ALARM SYSTEM
DIVISION 31	SECTION 31 31 16	TERMITE CONTROL

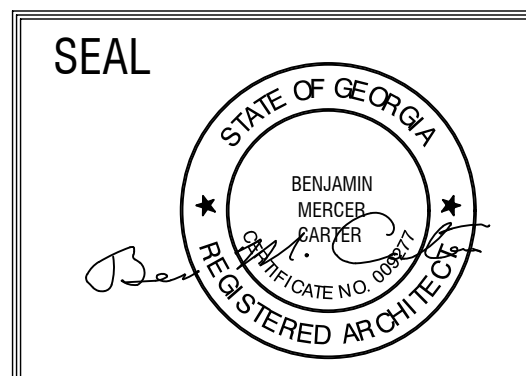


- NOTE: EQUIPMENT FOUNDATIONS
- CONDENSING UNITS - PROVIDE 3000 PSI CONCRETE SLAB AT 4" THICK WITH 8" X 8" THICKENED EDGES. VERIFY SIZE WITH EQUIPMENT. MAINTAIN 6" CLEAR ON ALL SIDES
- GENERAL STRUCTURAL NOTE:
- STRUCTURAL WORK TO INCLUDE ALL WORK SHOWN ON STRUCTURAL DRAWINGS AND ANY AND ALL STRUCTURAL WORK SHOWN ON ANY OTHER DRAWINGS IN THE SET. BIDS SHALL BE INCLUSIVE OF ALL STRUCTURAL WORK SHOWN ON ALL DRAWINGS AND SHALL INCLUDE ALL ACCESSORIES AND RELATED ITEMS REQUIRED FOR COMPLETE AND OPERABLE SYSTEMS AND ALL WORK AND ITEM AS REQUIRED BY THE LATEST VERSION OF ALL APPLICABLE CODES.
  - STRUCTURAL WORK TO INCLUDE ALL REMOVAL OF EXISTING ITEMS NOT TO BE REUSED.
  - COORDINATE WORK WITH ALL EXISTING CONDITIONS. REPORT ANY DISCREPANCIES OF CONFLICTS TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE AFFECTED PORTIONS OF THE WORK.
- COORDINATE ALL RELATED WORK WITH FOUNDATION.
  - COORDINATE ALL PLUMBING AND IN-SLAB EQUIPMENT.
  - VERIFY ALL DIMENSIONS AND REPORT AND DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING.
  - PROVIDE SLOPED AREAS AT ALL DOORS WHERE SLABS ARE PRESENT AND AS INDICATED.
  - PROVIDE COMPACTION TESTING AND SOIL POISONING PRIOR TO POURING SLAB AND FOOTINGS.
  - SLOPE ALL SLABS TO FLOOR DRAINS AND TRENCH DRAINS AT 1/8" PER FOOT.
  - PROVIDE PVC AT ALL SLAB PENETRATIONS FOR SANITARY PLUMBING AND STEEL SLEEVES AT ALL WATER / CONDENSATE LINE / ETC. PLUMBING PENETRATIONS.

REVISIONS					
Number	Date	Remarks	Number	Date	Remarks
1	8.28.23	REVISED FOUNDATION DWGS			

CONSULTANTS					

**CARTER WATKINS ASSOCIATES ARCHITECTS, INC.**  
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 137 EAST WASHINGTON STREET  
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**JACKSON COUNTY SENIOR CENTER**  
 151 GENERAL JACKSON DR. JEFFERSON  
 GA 30549

SHEET TITLE: FOUNDATION PLAN	NUMBER: <b>S-001</b>
PRINTED:	

CARTER WATKINS ASSOCIATES ARCHITECTS, INC.

JACKSON COUNTY SENIOR CENTER

AUGUST 22, 2023



**SECTION 10 26 00**  
**CS Acrovyn 4000 Model HR-SCN**

**Part 1 - General**

**1.01 Summary**

- A. This section includes the following types of wall protection systems:
  - 1. Handrails
- B. Related sections: The following sections contain requirements related to this section:
  - 1. Corner Guards, Bumper Guards, Crash Rails, Accent Rails, Wall Covering, Wall Panels, Door Protection; refer to section 10 26 00 "Wall and Door Protection"
  - 2. Blocking in walls for fasteners; refer to section 09 22 00 "Supports for Plaster and Gypsum Board"

**1.02 References**

- A. National codes (IBC, UBC, SBCCI, BOCA, OSHA, OSHPD, Life Safety and ADA)
- B. American Society for Testing and Materials (ASTM)
- C. Underwriters Laboratories (UL)

**1.03 Submittals**

General: Submit the following in accordance with conditions of contract and Division 1 specification section 01 33 00 "Submittal Procedures":

- A. Product data and detailed specifications for each system component and installation accessory required, including installation methods for each type of substrate.
- B. Shop drawings showing locations, extent and installation details of handrails. Show methods of attachment to adjoining construction.
- C. Samples for verification purposes: Submit the following samples, as proposed for this work, for verification of color, texture, pattern and end cap attachment and alignment:
  - 1. 12" (304.8mm) long sample of each model specified including end cap.
- D. Product test reports from a qualified independent testing laboratory showing compliance of each component with requirements indicated.
- E. Maintenance data for wall protection system components for inclusion in the operating and maintenance manuals specified in Division 1.

**1.04 Quality Assurance**

- A. Installer qualifications: Engage an installer who has no less than 3 years experience in installation of systems similar in complexity to those required for this project.
- B. Manufacturer's qualifications: Not less than 5 years experience in the production of specified products and a record of successful in-service performance.
- C. Code compliance: Assemblies should conform to all applicable codes including IBC, UBC, SBCCI, BOCA, OSHA, Life Safety, OSHPD and ADA.
- D. Fire performance characteristics: Provide engineered PETG wall protection system components with UL label indicating that they are identical to those tested in accordance with ASTM E84 for Class A/1 characteristics listed below:
  - 1. Flame spread: 25 or less
  - 2. Smoke developed: 450 or less
- E. Impact Strength: Provide assembled wall protection units that have been tested in accordance with the applicable provisions of ASTM F476.
- F. Chemical and stain resistance: Provide wall protection system components with chemical and stain resistance in accordance with ASTM D543.

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- G. Color match: Provide wall protection components that are color matched in accordance with the following:
  - 1. Delta Ecmc of no greater than 1.0 using CIELab color space. (Specifier note: Construction Specialties' colors are matched under cool white fluorescent lighting and computer controlled within manufacturing tolerances. Color may vary if alternate lighting sources are present.)
- H. Single source responsibility: Provide all components of the wall protection system manufactured by the same company to ensure compatibility of color, texture and physical properties.

**1.05 Delivery, Storage and Handling**

- A. Deliver materials to the project site in unopened original factory packaging clearly labeled to show manufacturer.
- B. Store materials in original, undamaged packaging in a cool, dry place out of direct sunlight and exposure to the elements. A minimum room temperature of 40°F (4°C) and a maximum of 100°F (38°C) should be maintained.
- C. Material must be stored flat.

**1.06 Project Conditions**

- A. Materials must be acclimated in an environment of 6S°-?S°F (18°-24°C) for at least 24 hours prior to beginning the installation.
- B. Installation areas must be enclosed and weatherproofed before installation commences.

**Part 2 - Products****2.01 Manufacturers**

- A. Interior surface protection products specified herein and included on the submittal drawings shall be manufactured by Construction Specialties, Inc.

**2.02 Materials**

- A. Engineered PETG: Extruded material should be high-impact Acrovyn 4000 with Shadowgrain texture and nominal .078" (1.98mm) thickness. Accent strip should be high-impact Acrovyn 4000 with Suede texture and nominal .060" (1.52mm) thickness. Chemical and stain resistance should be per ASTM D543 standards as established by the manufacturer. Colors to be indicated in the finish schedule from one of manufacturer's available colors and patterns.
- B. Aluminum: Extruded aluminum should be 6061-T6 alloy, nominal .090" (2.29mm) thick retainer. Minimum strength and durability properties as specified in ASTM B221.
- C. Fasteners: All fasteners to be non-corrosive and compatible with aluminum retainers. All necessary fasteners to be supplied by the manufacturer.

**2.03 Handrails**

- A. Engineered PETG Handrails to be CS Acrovyn: Surface mounted assembly consisting of a continuous extruded aluminum retainer with snap-on Acrovyn 4000 cover. Color matched mounting brackets to be spaced as indicated on installation instructions. Color matched end caps and corners shall be attached to allow post installation adjustment. Attachment hardware shall be appropriate for wall construction.
  - 1. **Model HR-SCN 6" (152.4mm) high handrail configuration consisting of a dual arrangement of tubular rails with matching or contrasting 3" high integrated Acrovyn 4000 feature insert. Select from one of Acrovyn solid colors or Chameleon™ simulated patterns.**

**2.04 Fabrication**

- A. General: Fabricate wall protection systems to comply with requirements indicated for design, dimensions, detail, finish and member sizes.

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**Part 3 - Execution**

**3.01 Examination**

- A. Verification of conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.

1. Do not proceed until unsatisfactory conditions have been corrected.

**3.02 Preparation**

- A. Surface preparation: Prior to installation, clean substrate to remove dirt, debris and loose particles. Perform additional preparation procedures as required by manufacturer's instructions.
- B. Protection: Take all necessary steps to prevent damage to material during installation as required in manufacturer's installation instructions.

**3.03 Installation**

- A. Install the work of this section in strict accordance with the manufacturer's recommendations using only approved mounting hardware and locating all components firmly into position, level and plumb.
- B. Temperature at the time of installation must be between 65°-75°F (18°-24°) and be maintained for at least 48 hours after the installation.
- C. Adjust installed end caps as necessary to ensure tight seams.
- D. Where splices occur in horizontal runs, splice retainer and rail at different locations along the run.

**3.04 Cleaning**

- A. General: Immediately upon completion of installation, clean rails and accessories in accordance with manufacturer's recommended cleaning method.
- B. Remove surplus materials, rubbish and debris resulting from installation as work progresses and upon completion of work.

**3.05 Protection**

- A. Protect installed materials to prevent damage by other trades. Use materials that may be easily removed without leaving residue or permanent stains.

END OF SECTION 10 26 00 WALL RAILS

SECTION 10 75 16

FLAGPOLES

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Ground-Set Flagpoles, provide ONE per Site Plan.
- B. Accessories.

1.2 REFERENCES

- A. ASTM B 241/B 241M - Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube.

1.3 SYSTEM DESCRIPTION

- A. Design Requirements:
  - 1. Flagpole height: one (1) at 35 feet.
  - 2. Flagpole and accessories to be dark bronze.
  - 3. Flag sizes:
    - a. National: 5 feet by 7 feet.
    - b. State: 4 feet by 6 feet.
- B. Performance Requirements:
  - 1. Flagpole with flag flying: Resistant to 80 miles per hour wind velocity without permanent deformation.
  - 2. Flagpole without flag: Resistant to 100 miles per hour wind velocity without permanent deformation.
- C. Footing – provide a concrete footing designed by a Georgia Registered Engineer per the soil and wind requirements of the project.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's descriptive literature for flagpoles, including all components.
- C. Shop Drawings: Indicate locations and types of flagpoles in project; indicate mounting details.
- D. Selection Samples: Two sets of color chips representing manufacturer's full range of available colors.
- E. Verification Samples: Two samples, minimum size 6 inches square, representing



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### FLAGPOLES

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actual color and finish of installed product.

- F. Quality Assurance Submittals:
  - 1. Design Data: Documentation of compliance to specified performance requirements, bearing seal and signature of registered Professional Structural Engineer licensed to practice in the State in which the project is located.
  - 2. Manufacturer's printed installation instructions for indicated project conditions.
- G. Closeout Submittals:
  - 1. Project record documents:
  - 2. Operation and maintenance data for specified flagpoles.
  - 3. Warranty documents: Issued and executed by manufacturer.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Spiral wrap flagpole with protective covering and pack in protective shipping tubes or containers.
- B. Protect flagpole and accessories from damage or moisture.

#### 1.6 SCHEDULING

- A. Ensure that anchoring devices are supplied to installers requiring them in time for building-in to substrates.

#### 1.7 WARRANTY

- A. Manufacturer's Warranty: Furnish flagpole manufacturer's standard warranty against defects in product workmanship and materials.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

Provide one American Flagpole (or equal) 35' EDR35D71 (external double revolving) Rope Halyard Flagpole Anodized Aluminum Ball and cleat. 7" Butt diameter, 3.5" Top Diameter, .188" Wall thickness, one section.

- A. Acceptable Manufacturers:
  - 1.American Flagpole
  - 2.Baartol Company Inc.
  - 3.Concord Industries, Inc.
  - 4.Eder Flag Manufacturing company
  - 5.Ewing International

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6.Lingo Inc.; Acme Flagpole Division

7.Michigan Flagpole Inc.

8.PLP composite Technologies, Inc.

9.Pole-Tech Company Inc.

B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

#### 2.2 GROUND SET FLAGPOLES

A. Acceptable Product: Construction flagpole in one piece.

B. Shaft:

1. Material: Seamless cone-tapered Stainless Steel complying with ASTM A312/ (A312M), ASTM A269 or ASTM a666 alloy.

C. Foundation Tube: Galvanized corrugated steel foundation tube, 0.064 inch minimum nominal wall thickness. Provide with 3/16 inch steel bottom plate and support plate; 3/4 inch diameter steel ground spike and steel centering wedges all welded together. Galvanize steel parts including foundation tube, after assembly. Provide loos hardwood wedges at top of foundation tube for plumbing pole.

D. Halyard: One per flagpole as follows:

1. Material: 5/16 inch (8 mm) diameter (Number 10) white waterproof polypropylene.
2. Hardware: Two chrome swivel-type flag snaps each set, spaced for specified flag sizes.

E. Cleat: One (1) cast aluminum cleat per flagpole, 9 inches long, finish matching shaft, with stainless steel socket-head anchor bolts.

F. Winch and Handle: Internal direct-drive, gearless type mounted on rotating plate; winch constructed of stainless steel, locking in any position upon removal of winch handle; single reinforced access opening and door with keylock, with access hole in door for winch handle.

G. Stainless Steel: Grind and polish surfaces to produce uniform, bright, directional polished finish (no. 4 finish) free of cross scratches. When polishing is completed, passivate and rinse surfaces. Removed embedded foreign matter and leave surfaces chemically clean.

#### 2.3 ACCESSORIES

A. Ground Sleeve: Galvanized steel components as follows:

1. Foundation tube: Corrugated, 16 gage, diameter and length specified in

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2. manufacturer's descriptive literature for indicated flagpole height; centered on, and welded to face of base plate.
  2. Base plate: Square, side dimensions 4 inches greater than inside dimension of foundation tube.
  3. Ground spike: 3/4 inch diameter, 18 inches long; centered on, and welded to face of base plate opposite foundation tube attachment.
  4. Setting plate: 6 inches square, with drilled hole at center for attachment to ground spike; welded perpendicular to length of ground spike 6 inches from base plate.
- B. Shoebase Mounting Hardware:
1. Anchor base: Cast aluminum, heat-treated, drilled for anchor bolt diameter and pattern specified in manufacturer's descriptive literature for indicated flagpole height; sleeved over shaft butt and joined to shaft butt by continuous circumferential welds at outside top and inside bottom of base; entire assembly, including flagpole, heat-treated after attachment of shoebase casting.
  2. Fasteners: Quantity, diameter, and length specified in Manufacturer's descriptive literature for indicated flagpole height; include anchor bolts, nuts and washers.
- C. Flash collar: Manufacturer's standard spun aluminum flash collar, finish matching shaft; size specified in manufacturer's descriptive literature for indicated flagpole height.
- D. Flash collar: Cast aluminum flash collar, Type FCfinish; size specified in manufacturer's descriptive literature for indicated flagpole height.
- E. Finial: Spun aluminum, 14 gage wall thickness, flush seam, gold anodized finish, diameter matching butt diameter of shaft.
- F. Cleat Covers: Aluminum housing, finish matching shaft, with key-operated cylinder lock, keyed alike for multiple units; two keys supplied for each lock.
- G. Halyard Boxes: Aluminum housing, finish matching shaft, 5 feet in length.

#### 2.4 MIXES

- A. Concrete: 3000 pounds per square inch compressive strength at 28 days; 6 percent air entrainment.
- B. Grout: Non-shrink; 5000 pounds per square inch compressive strength at 28 days.

#### 2.5 FABRICATION

- A. Provide self-aligning internal sleeves for shafts fabricated in sections for field assembly; field-welded connections, including plug-welding, are not permitted.

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- B. Fabricate end-to-end joints of shaft sections for hairline joint after connection; match mark and number shaft sections for field assembly.

#### PART 3 EXECUTION

##### 3.1 EXAMINATION

- A. Verification of Conditions: Anchoring devices are correct type, and in correct location, in accordance with approved shop drawings and manufacturer's instructions.
- B. Installer's Examination:
  - 1. Have installer of this section examine conditions under which construction activities of this section are to be performed, then submit written notification if such conditions are unacceptable.
  - 2. Transmit two copies of installer's report to Architect within 24 hours of receipt.
  - 3. Beginning construction activities of this section before unacceptable conditions have been corrected is prohibited.
  - 4. Beginning construction activities of this section indicates installer's acceptance of conditions.

##### 3.2 INSTALLATION

- A. Install flagpole components and accessories in accordance with approved shop drawings and manufacturer's installation instructions.
- B. Ground Sleeve:
  - 1. Excavate in undisturbed soil to indicated depth, width, and length, providing shoring for unstable soil conditions; remove non-soil materials from excavation.
  - 2. Coat surface of ground sleeve assembly, and surfaces of shaft that will be installed below grade, with bituminous paint, minimum 5 mil dry film thickness (DFT).
  - 3. Place ground sleeve assembly in excavation, locating as indicated; drive ground spike into undisturbed soil to extent that base plate is flush with bottom of excavation.
  - 4. Place concrete in excavation immediately after mixing, using chute to deliver concrete to placement; surround ground sleeve with concrete, placing concrete to finish grade, and compacting with vibrators.
  - 5. Slope concrete surface from top of ground sleeve to grade for water run-off to grade; screed concrete surface to smooth trowel finish.
  - 6. Moist-cure concrete surface; allow concrete to attain full 28-day compressive strength before installing flagpole.
- C. Shoe Base:
  - 1. Set base in grout bed of sufficient height that excess grout is displaced as anchoring and adjusting of flagpole progresses; align base hole pattern with anchor bolts and lower base to grout bed.

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2. Anchor and align flagpole plumb; provide temporary bracing until grout attains full compressive strength.
3. Screed sight-exposed grout surfaces to 45-degree fillet, removing excess grout from substrate.

END OF SECTION