

**KANAWHA COUNTY SCHOOLS  
KANAWHA COUNTY, WEST VIRGINIA  
KANAWHA COUNTY BUS GARAGE**

**ADDENDUM #1**

**AUGUST 14, 2024  
THRASHER PROJECT #060-10222  
KANAWHA COUNTY SCHOOLS SOLICITATION # 25-106**

TO WHOM IT MAY CONCERN:

A MANDATORY Pre-Bid Conference was held on Tuesday, August 13, 2024, on the above-referenced project, a copy of the sign in sheet is included in this Addendum. The following are clarifications and responses to questions posed by contractors for the above reference project.

**A. GENERAL**

Deadline for questions is 4:00 p.m. August 21, 2024.

**B. SPECIFICATIONS**

1. The Index has been revised to reflect the addition of specifications
2. Specification 099600 High Performance Coating has been added in this Addendum.
3. Specification 102800 Toilet, Bath and Laundry Accessories has been added.

**C. DRAWINGS**

None on this Addendum

**D. QUESTIONS AND RESPONSES**

None on this Addendum

**E. CLARIFICATIONS**

None on this Addendum

If you have any questions or comments, please feel free to contact me at your earliest convenience. As a reminder, Bids for the construction of the Project will be received at the **Kanawha County Schools** located at **3300 Pennsylvania Avenue, Charleston WV 25302** until **Thursday, August 29, 2024**, at **1:30 p.m.** local time. At that time the Bids received will be publicly opened and read.

Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



AMANDA CHEUVRONT, AIA, NCARB  
Project Manager



PRE-BID CONFERENCE  
SIGN IN SHEET

Request for Quotation Number:

25-106

Date:

8/13/24

Project Description:

East Bank Bus Garage

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

Firm Name:	<u>UNITED CONSTRUCTION</u>
Firm Address:	<u>3120 NORTHWESTERN PIKE</u> <u>PARKERSBURG WV</u>
Representative Attending:	<u>ROBERT LOWMYER</u>
Phone Number:	<u>304-922-2141 979-733-2880</u>
Fax Number:	<u>304-485-4249</u>
Email Address:	<u>RLOWMYER@UCOFWV.COM</u>

Firm Name:	<u>City Construction</u>
Firm Address:	<u>20 Factory Street</u> <u>Clarksburg WV 26301</u> <u>Michael Dreiner</u>
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	<u>Persinger and Associates Inc.</u>
Firm Address:	<u>1509 Hansford St</u> <u>Charleston, WV 25311</u>
Representative Attending:	<u>Caroline Star</u>
Phone Number:	<u>(304) 531-2717</u>
Fax Number:	<u>(304) 343-5222</u>
Email Address:	<u>will@persingerandassociates.com</u>

Firm Name:	<u>Core and Main</u>
Firm Address:	<u>Scott Depot WV</u>
Representative Attending:	<u>Mark Stolle</u>
Phone Number:	<u>304 206 7808</u>
Fax Number:	
Email Address:	<u>mark.stolle@coreandmain.com</u>

Firm Name:	<u>SWOPE CONSTRUCTION</u>
Firm Address:	<u>1325 BLUEFIELD AVE</u> <u>BLUEFIELD WV 24701</u>
Representative Attending:	<u>MARK BURDETTE</u>
Phone Number:	<u>304-851-2435</u>
Fax Number:	
Email Address:	<u>MBURDETTE@SWOPECO.COM</u>

Firm Name:	<u>BPI, Inc.</u>
Firm Address:	<u>PO Box 7</u> <u>Winfield, WV. 25213</u>
Representative Attending:	<u>Christen Wells</u>
Phone Number:	<u>(304) 760-8909 ext. 4</u>
Fax Number:	<u>N/A</u>
Email Address:	<u>cwells@bpi-gc.com</u>

PRE-BID CONFERENCE  
SIGN IN SHEET

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East Bank Bus Garage

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Firm Name:	<u>Veritas Contracting LLC</u>
Firm Address:	<u>246 Business Park Dr. Fairmont, WV, 26554</u>
Representative Attending:	<u>Marty Turner</u>
Phone Number:	<u>304-598-2285</u>
Fax Number:	
Email Address:	<u>bid@veritaswv.com</u>

Firm Name:	<u>CDC LLC</u>
Firm Address:	<u>P.O. Box 36 Colen Ferris, WV. 25090</u>
Representative Attending:	<u>Chris Dozier</u>
Phone Number:	<u>(304) 553-1553</u>
Fax Number:	<u>N/A</u>
Email Address:	<u>Cdozier@cdcllcwv.com</u>

Firm Name:	<u>Newtech Systems</u>
Firm Address:	<u>420 16<sup>th</sup> Street Donbau WV</u>
Representative Attending:	<u>Shawn Schrader</u>
Phone Number:	<u>304-539-1614</u>
Fax Number:	
Email Address:	<u>SSchrader@newtech-sys.com</u>

Firm Name:	<u>G &amp; G BUILDERS INC.</u>
Firm Address:	<u>135 CORPORATE CENTER DR. SUITE 550 SCOTT DEPOT, WV 25560</u>
Representative Attending:	<u>MIKE DAVIS</u>
Phone Number:	<u>304-549-6720</u>
Fax Number:	<u>304-757-6993</u>
Email Address:	<u>MDAVIS@GANDGBUILDERS.COM</u>

Firm Name:	<u>Asista Construction Co Inc</u>
Firm Address:	<u>1700 State Rt 34 Hurricane, WV 25526</u>
Representative Attending:	<u>Austin King</u>
Phone Number:	<u>304-542-1577</u>
Fax Number:	<u>304-343-0063</u>
Email Address:	<u>AKing@AsistaConstruction.com</u>

Firm Name:	<u>Danhill Construction Co</u>
Firm Address:	<u>P.O. Box 685 Gawley Bridge, W.Va 25085 Dan Hill 304-663-5761</u>
Representative Attending:	<u>304-632-1501</u>
Phone Number:	<u>dan.hill@<del>danhill</del>danhill</u>
Fax Number:	<u>construction.com</u>
Email Address:	

**KANAWHA COUNTY SCHOOLS  
KANAWHA COUNTY, WEST VIRGINIA  
FOR THE  
KANAWHA COUNTY BUS GARAGE  
THRASHER #060-10222  
KANAWHA COUNTY SCHOOLS SOLICITATION #25-106**

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Kanawha County Schools  
Kanawha County Bus Garage

REVISED: Addendum #1  
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## SECTION 099600 - HIGH-PERFORMANCE COATINGS

### PART 1 - GENERAL

#### 1.1 SUMMARY

1. Interior Substrates:

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.
- B. Samples for Initial Selection: Submit manufacturer's color charts showing full range of color selections for each type of exposed finish required
- C. Samples for Verification: For each coating system required, submit 6 inch square samples applied to rigid backing to demonstrate color, texture, and finish of the floor coating system.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Applicator Certificate: Submit official certificate indicating applicator's successful completion of manufacturer's training program.
- B. Material Test Reports: Submit coating system test reports.

#### 1.4 CLOSEOUT SUBMITTALS

- A. Maintenance Data: Submit manufacturer's care, cleaning, and maintenance guide to include in maintenance manuals.
- B. Warranty: Submit manufacturer's product warranty.

#### 1.5 QUALITY ASSURANCE

- A. Applicator Qualifications: An applicator who has successfully completed the manufacturer's training program for the application of the specified floor coating systems.
- B. Mockups: Apply mockups of each coating system indicated to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
  1. Architect will select one surface to represent surfaces and conditions for application of each coating system.

- a. Apply full-thickness mock up on 48 inch square floor area selected by the Architect.
2. Final approval of color selections will be based on mockups.
  - a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Architect at no added cost to Owner.
3. Approved mockups may become part of the completed work if undisturbed at the time of substantial completion.

## 1.6 WARRANTY

- A. Manufacturer's standard 5-year warranty against product defects for original owner.

## PART 2 - PRODUCTS

### 2.1 MANUFACTURERS

- A. Basis of Design Product
  1. Sherwin Williams Company
    - a. Primer: ArmorSeal 33 Epoxy Primer/Sealer
    - b. Topcoat: ArmorSeal 650 SL/RC
- B. Manufacturers: Subject to compliance with requirements, provide products by the following:
  1. Sherwin-Williams Company (The).

### 2.2 HIGH-PERFORMANCE COATINGS, GENERAL

- A. Two-component, heavy duty, high-build epoxy floor coating system providing a seamless, extremely durable hard wearing surface.
- B. Material Compatibility:
  1. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.
  2. Products shall be of same manufacturer for each coat in a coating system.
- C. Colors: As selected by Architect from manufacturer's full range.
- D. Wearing Surface: Textured for slip resistance
- E. Overall System Thickness: 23.0 – 28.0 mils DFT
- F. Primer Coat:
  1. Epoxy Primer – two- Component, 100% Solids
  2. VOC 50 g/l
  3. Number of Coats: One, with anti-slip additive

4. DFT: 8.0 mils
  5. Slip Resistant Additive: 30-50 mesh Silica sand
- G. Top Coat:
1. Epoxy, two-component, 95+% Solids
  2. VOC <100 g/l
  3. Number of Coats: One
  4. DFT 15.0 – 20.0 mils DFT
- H. System Physical Properties:
1. Adhesion to Concrete: 350 psi, 100% Concrete Failure per ASTM-D 4541:
  2. Tensile Strength: 6,000 psi per ASTM-D 638
  3. Falling Sand Abrasion Resistance, ASTM-D 968
  4. Impact Resistance: >160/80 inlb direct/reverse per Mil-D-3134J
  5. Hardness: 75 Shore D per ASTM-D 2240
  6. Number of Coats: One

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
  1. Concrete: 12 percent.
- C. Verify concrete substrates are dry and moisture vapor emissions are within acceptable levels according to manufacturer's written instructions.
  1. Perform relative humidity test using in situ probes, ASTM-F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level measurement.
- D. Alkalinity and Adhesion Testing: Verify that concrete substrates have pH within acceptable range. Perform tests recommended by the manufacturer. Proceed with application only after substrates pass testing.
- E. Proceed with coating application only after unsatisfactory conditions have been corrected.
  1. Application of coating indicates acceptance of surfaces and conditions.

#### 3.2 PREPARATION

- A. Comply with manufacturer's written instructions applicable to substrates and coating systems indicated.

- B. Surface must be clean, dry and in sound condition. Remove all oil, dust, grease, dirt, form release agents, moisture curing membranes, loose cement, hardeners and other foreign material to ensure adequate adhesion. Fill bug holes, air pockets and other voids as required by the manufacturer.
  - 1. Minimum recommended surface preparation for concrete: SSPC-SPI 13/NACE 6 or ICRI No. 310.2R, CSP 1-3
- C. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
  - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.

### 3.3 APPLICATION

- A. Apply high-performance coatings according to manufacturer's written instructions to produce a uniform, monolithic wearing surface of thickness indicated.
- B. Apply coatings to produce surface films without cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections. Produce sharp glass lines and color breaks.
- C. Cure floor coating system components according to manufacturer's written instructions. Prevent contamination during the application and curing processes.
- D. Slip-resistant texture: Broadcast a clean, dry 30-50 mesh silica sand into the primer coat immediately after application per manufacturer's written instructions

### 3.4 INTERIOR HIGH-PERFORMANCE COATING SCHEDULE

- A. Concrete Substrates, Horizontal Surfaces.
  - 1. Location: Apparatus Bay
  - 2. Epoxy, High-Build System:
    - a. Prime Coat: High-build epoxy, matching topcoat (reduced).
    - b. Intermediate Coat: High-build epoxy, matching topcoat.
    - c. Topcoat: High-build epoxy, low gloss.

END OF SECTION 099600

## SECTION 102800 - TOILET, BATH, AND LAUNDRY ACCESSORIES

### PART 1 - GENERAL

#### 1.1 SUMMARY

A. Section Includes:

1. Public-use washroom accessories.
2. Private-use shower room accessories.
3. Underlavatory guards.
4. Custodial accessories.

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: Full size, for each exposed product and for each finish specified.

#### 1.3 INFORMATIONAL SUBMITTALS

- A. Sample warranty.

#### 1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

#### 1.5 WARRANTY

- A. Manufacturer's Special Warranty for Mirrors: Manufacturer agrees to repair or replace mirrors that fail in materials or workmanship within specified warranty period.
1. Warranty Period: 15 years from date of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.1 PERFORMANCE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

## 2.2 PUBLIC-USE WASHROOM ACCESSORIES

### A. Toilet Tissue (Roll) Dispenser:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: Single-roll dispensers for Private Restrooms, and Double-roll dispensers for Public Restrooms and Locker Rooms.
3. Mounting: Surface mounted.
4. Operation: Spindleless with tension-spring controlled delivery and self-locking device extending through core that prevents core removal until roll is empty.
5. Capacity: Designed for 4-1/2- or 5-inch-diameter tissue rolls.
6. Material and Finish: Stainless steel, No. 4 finish (satin).

### B. Waste Receptacle:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Mounting: Surface mounted.
3. Minimum Capacity: 12.75 gal..
4. Material and Finish: Stainless steel, No. 4 finish (satin).
5. Liner: Reusable vinyl liner.
6. Lockset: Tumbler type for waste receptacle.

### C. Paper Towel Dispenser:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: Surface mounted paper towel dispenser
3. Mounting: Surface mounted.
4. Minimum Capacity: 400 C-fold.
5. Material and Finish: Stainless steel, No. 4 finish (satin).

6. Lockset: Tumbler type.

D. Liquid-Soap Dispenser:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: Designed for dispensing antibacterial soap in liquid or lotion form.
3. Mounting: Horizontally oriented, surface mounted.
4. Capacity: 40 oz..
5. Materials: Stainless Steel.
6. Lockset: Tumbler type.
7. Refill Indicator: Window type.

E. Grab Bar:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Mounting: Flanges with concealed fasteners.
3. Material: Stainless steel, 0.05 inch thick.
  - a. Finish: Smooth, No. 4 finish (satin) on ends and slip-resistant texture in grip area.
4. Outside Diameter: 1-1/2 inches.
5. Configuration and Length: As indicated on Drawings.
6. Mounting: Partition mounted, dual access, or Surface mounted for single use.
7. Door or Cover: Self-closing, disposal-opening cover and hinged face panel with tumbler lockset.
8. Receptacle: Removable.
9. Material and Finish: Stainless steel, No. 4 finish (satin).

F. Sanitary-Napkin Disposal Unit:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.

- c. Bobrick Washroom Equipment, Inc.
- d. Bradley Corporation.
2. Mounting: Partition mounted, dual access, or Surface mounted for single use.
3. Door or Cover: Self-closing, disposal-opening cover and hinged face panel with tumbler lockset.
4. Receptacle: Removable.
5. Material and Finish: Stainless steel, No. 4 finish (satin).

G. Mirror Unit:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Frame: Stainless-steel channel.
  - a. Corners: Manufacturer's standard, Welded and ground smooth.
3. Integral Shelf (for Locker Room sinks only): 5 inches deep.
4. Hangers: Produce rigid, tamper- and theft-resistant installation, using method indicated below.
  - a. One-piece, galvanized-steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.
  - b. Wall bracket of galvanized steel, equipped with concealed locking devices requiring a special tool to remove.
5. Size: As indicated on Drawings, or 24"x36" if not indicated on drawings.

2.3 PRIVATE-USE SHOWER ROOM ACCESSORIES

A. Shower Curtain Rod:

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: 1-inch OD; fabricated from nominal 0.0375-inch-thick stainless steel.
3. Mounting Flanges: Stainless-steel flanges designed for exposed fasteners.
4. Finish: Stainless steel, No. 4 finish (satin).

B. Shower Curtain:



1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
    - a. AJW Architectural Products.
    - b. American Specialties, Inc.
    - c. Bobrick Washroom Equipment, Inc.
    - d. Bradley Corporation.
  2. Size: Minimum 6 inches wider than opening by 72 inches high.
  3. Material: Nylon-reinforced vinyl, minimum 10 oz. or 0.008-inch-thick vinyl, with integral antibacterial agent.
  4. Color: As selected from manufacturer's full range.
  5. Grommets: Corrosion resistant at minimum 6 inches o.c. through top hem.
  6. Shower Curtain Hooks: Chrome-plated or stainless-steel, spring wire curtain hooks with snap fasteners, sized to accommodate specified curtain rod. Provide one hook per curtain grommet.
- C. Robe Hook (wall mounted adjacent to all shower stalls):
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
    - a. AJW Architectural Products.
    - b. American Specialties, Inc.
    - c. Bobrick Washroom Equipment, Inc.
    - d. Bradley Corporation.
  2. Description: Double-prong unit.
  3. Material and Finish: Stainless steel, No. 4 finish (satin).
- D. Towel Bar (for all shower stalls):
1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. AJW Architectural Products.
    - b. American Specialties, Inc.
    - c. Bobrick Washroom Equipment, Inc.
    - d. Bradley Corporation.
  2. Description: Surface mounted towel bar with concealed mounting plates, 18" length, projects 1 5/16" from the wall
  3. Material and Finish: Type 304 Stainless Steel, Bright finish
- 2.4 UNDERLAVATORY GUARDS
- A. Underlavatory Guard (for all exposed supply and waste piping):
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
    - a. Buckaroos, Inc.
    - b. Plumberex Specialty Products, Inc.
    - c. Truebro by IPS Corporation.

2. Description: Insulating pipe covering for supply and drain piping assemblies that prevents direct contact with and burns from piping; allow service access without removing coverings.
3. Material and Finish: Antimicrobial, molded plastic, white.

## 2.5 CUSTODIAL ACCESSORIES

### A. Utility Shelf (one for each Custodial Closet):

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: With exposed edges turned down not less than 1/2 inch and supported by two triangular brackets welded to shelf underside.
3. Size: 24inches long by 6 inches deep.
4. Material and Finish: Not less than nominal 0.05-inch-thick stainless steel, No. 4 finish (satin).

### B. Mop and Broom Holder (one for each Custodial Mop Sink):

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: Unit with shelf, hooks, holders, and rod suspended beneath shelf.
3. Length: 36 inches.
4. Hooks: Four.
5. Mop/Broom Holders: Three, spring-loaded, rubber hat, cam type.
6. Material and Finish: Stainless steel, No. 4 finish (satin).
  - a. Shelf: Not less than nominal 0.05-inch-thick stainless steel.
  - b. Rod: Approximately 1/4-inch-diameter stainless steel.

### C. Liquid-Soap Dispenser (one for each mop sink):

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
  - a. AJW Architectural Products.
  - b. American Specialties, Inc.
  - c. Bobrick Washroom Equipment, Inc.
  - d. Bradley Corporation.
2. Description: Designed for dispensing soap in liquid or lotion form.
3. Mounting: Horizontally oriented, surface mounted.
4. Capacity: 20 oz.
5. Materials: Stainless steel.
6. Lockset: Tumbler type.
7. Refill Indicator: Window type.

## 2.6 FABRICATION

- A. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Grab Bars: Install to withstand a downward load of at least 250 lbf, when tested according to ASTM F 446.

END OF SECTION 102800