



11 August 2016

Project No.: C15-0016C

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**BREC – Church Street Recreation Center Revisions**

3210 Church Street; Zachary, LA 70791

BREC Project No. – SB -1672

**ADDENDUM NO. 04**

3 pages excluding attachments

This Addendum forms part of the Contract Documents and modifies the Bid Documents. Prospective bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so will subject Bidder to disqualification.

I. GENERAL

1. Information, clarifications, and additional requirements are included and made part of this project.
2. Contractor is reminded to be familiar with and conform to all requirements in the specifications and instructions to Bidders.
3. The Owner has determined there are asbestos containing materials and lead containing paint. Abatement work is included in this scope of work. The work related to abatement was included in Addendum No. 02, issued 25 July 2016.
4. Architect's estimate of probable construction cost is \$798,000.

II. PREVIOUS ADDENDA

1. **Addendum No. 03**, issued 05 August 2016 was issued and distributed via the Owner's electronic plan distribution system.

III. CLARIFICATIONS

1. *"Do you have a specification or model # for the disappearing stair?"* Provide aluminum or steel, collapsible or folding ladder in existing attic opening. Provide minimum loading capacity of 300#. Scissor system preferred, but not required. Insulated door.
2. *"Foyer 101 – please confirm the ceiling in this area. Section 3/A8.03 & 4/A8.04 indicate this is a suspended acoustical ceiling (no specification) and the reflective ceiling plan indicates painted sheetrock. Light fixtures specified in this area a surface mount type."* Disregard references to the acoustical lay-in ceiling. Ceiling to be painted gypsum board. Replace Owner's existing ceiling fan with similar model.

ADDENDUM

3. *“There seems to be a discrepancy in the wall finish materials (5/8” plywood vs. 5/8” gypsum board) as shown in the wall sections and details of the bid documents.”* The gymnasium is to be finished with painted plywood walls to match the existing. All new construction to have gypsum board walls (with or without ceramic tile finish applied).
4. *“... floor finish in these rooms: 105, 106, 107, 113 and the hallway between 103 & 105.”* Room 105 is called out as having VCT flooring on sheet A2.00. Room 106 to remain as the existing VCT floor, no change. Room 107 to be VCT to match Room 104. Room 113 to be sealed concrete, no finished floor. The vestibule at the toilet rooms to be the same floor as the toilet rooms, the epoxy floor.

#### IV. SPECIFICATIONS

1. Section 10 21 13, Plastic Toilet Compartments, attached.
2. Section 10 28 00, Toilet Accessories, attached.

#### V. PRIOR APPROVALS

1. Subject to compliance with project requirements, compatibility with related construction, accommodation to space/area provided, and clearances for service access; the following items are approved for use in this project.
  - a. 09 67 23, General Polymers – GP 3579A01 Penetrating primer 100%; GP3561A01 – 3561B Epoxy Resin Glaze; GP590C310 – ESTS QTZ CRSE quartz granules; GP3744A01 – 3744A High performance CR Epoxy Clear grout; GP4408A01 – Water based polyurethane clear seal coat.

#### VI. DRAWINGS

1. Architectural
  - a. 1A2.00 – at previous door locations from Toilet Rooms and Janitor’s Closet, for new Storage 105 and Closet 106, fill in wall with construction to match adjacent. New paint.
  - b. 1A2.02 – At door 105-01 provide room sign RS-2; at door 105-02 provide room sign RS-2; at door 107-02 provide room sign RS-2; at door 107-01 provide room sign RS-2; at door 104-01 provide room sign RS-2; at door 112-01 provide room sign RS-1; at door 114-01 provide room sign RS-1; at door 113-01 provide room sign RS-2; at door 110-01 provide room sign RS-3; at door 103-03 provide room sign RS-2; at door 106-01 provide room sign RS-2; at door 101-2 provide room sign RS-2 at door 102-01 and all existing doors from gymnasium to the exterior provide room sign RS-2; at door 104-02 provide room sign RS-2; at door 104-03 provide room sign RS-2; at door from Multipurpose Room 103 provide sign RS-2.

ADDENDUM

- c. 1A2.02 – existing door 106-01 is to remain.
- d. 3A3.02 – unlabeled stud and gypsum board assembly shall be CH-studs and gypsum liner panels as per rated wall, UL U415.
- e. 4A3.02 – unlabeled stud and gypsum board assembly shall be CH-studs and gypsum liner panels as per rated wall, UL U415.
- f. Sheet A5.02 – sheet title shall read: “Wall Types”. Sheet scale shall read: “NTS”.
- g. 1A5.02 – Wall Types A1 / A2, fire rated caulk required, both sides of the wall, at top and bottom, as per UL listed wall assemblies indicated. Delete references to “acoustic caulk” these wall types.
- h. 1A5.02 – Wall Types C1 / C2, ceramic tile to 8’-0” AFF. Painted MR gypsum board above 8’-0” AFF.
- i. 3A8.02 – In lieu of painted plywood, provide painted 5/8” Type X gypsum board.
- j. 3A8.03 – in lieu of acoustical ceiling, provide painted gypsum board ceiling.
- k. 3A8.04 – In lieu of painted plywood, provide painted 5/8” Type X gypsum board.
- l. 4A8.04 – in lieu of acoustical ceiling, provide painted gypsum board ceiling.
- m. 1A10.01 – In lieu of painted plywood, provide painted 5/8” Type X gypsum board.
- n. 2A10.01 – In lieu of painted plywood, provide painted 5/8” Type X gypsum board.

– End of Addendum –

Attachments

- 10 21 13 Toilet Compartments
- 10 28 00 Toilet Accessories
- MEP Addendum

ADDENDUM

## SECTION 10 21 13 - TOILET COMPARTMENTS

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes toilet compartments and screens for toilet rooms.
  - 1. Compartment Style: Overhead braced and floor anchored.
  - 2. Urinal Screen Style: Wall and Floor anchored.
- B. Related Requirements:
  - 1. Section 061000 "Rough Carpentry" for blocking.
  - 2. Section 102800 "Toilet and Bath Accessories"

#### 1.2 SUBMITTALS

- A. Submit product data for toilet compartment and screen assemblies. Include details of construction relative to materials, fabrication, and installation. Include details of anchors, hardware, and fastenings.
- B. Submit shop drawings for fabrication and installation of toilet compartment and screen assemblies. Include plans, elevations, sections, details, and attachments to other work.
- C. Samples for Selection – Panel Colors: Submit full range of available colors for selection.

#### 1.3 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For toilet compartments to include in maintenance manuals.

#### 1.4 QUALITY ASSURANCE

- A. Single-source Responsibility: Provide toilet compartments, screens, panels and related hardware from a single manufacturer.

#### 1.5 PROJECT CONDITIONS

- A. Field Measurements: Verify actual locations of toilet fixtures, walls, columns, ceilings, and other construction contiguous with toilet compartments by field measurements before fabrication.

### PART 2 - PRODUCTS

#### 2.1 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities for toilet compartments designated as accessible.

- B. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
  - 1. Flame-Spread Index: 25 or less.
  - 2. Smoke-Developed Index: 450 or less.

## 2.2 SOLID-PLASTIC TOILET COMPARTMENTS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following, or approved equal:
  - 1. Ampco, Inc.
  - 2. Bradley Corporation; Mills Partitions.
  - 3. Comtec Industries/Capitol Partitions.
  - 4. General Partitions Mfg. Corp.
  - 5. Global Steel Products Corp.
  - 6. Hadrian Manufacturing Inc.
  - 7. Knickerbocker Partition Corporation.
  - 8. Metpar Corp.
  - 9. Scranton Products.
- B. Enclosure Style: Overhead braced units, with panels secured to walls and pilasters to floors with shoes.
- C. Door, Panel, and Pilaster Construction: Solid, high-density polyethylene (HDPE) panel material, not less than 1 inch (25 mm) thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material. UL Class B surface burning.
  - 1. Integral Hinges: Configure doors and pilasters to receive integral hinges.
  - 2. Heat-Sink Strip: Manufacturer's standard continuous, extruded-aluminum or stainless-steel strip fastened to exposed bottom edges of solid-plastic components to hinder malicious combustion.
  - 3. Color and Pattern: One color and pattern in each room as selected by Architect from manufacturer's full range.
- D. Pilaster Shoes and Sleeves (Caps): Manufacturer's standard design: Stainless steel.
- E. Brackets (Fittings):
  - 1. Full-Height (Continuous) Type: Manufacturer's standard design; extruded aluminum or stainless steel.

## 2.3 HARDWARE AND ACCESSORIES

- A. Hardware and Accessories: Manufacturer's heavy-duty operating hardware and accessories.
  - 1. Hinges: Manufacturer's minimum 0.062-inch- (1.59-mm-) thick stainless-steel paired, self-closing type that can be adjusted to hold doors open at any angle up to 90 degrees, allowing emergency access by lifting door. Mount with through-bolts.
  - 2. Latch and Keeper: Manufacturer's heavy-duty surface-mounted cast-stainless-steel latch unit designed to resist damage due to slamming, with combination rubber-faced door strike and keeper, and with provision for emergency access.

Provide units that comply with regulatory requirements for accessibility at compartments designated as accessible. Mount with through-bolts.

3. Coat Hook: Manufacturer's heavy-duty combination cast-stainless-steel hook and rubber-tipped bumper, sized to prevent in-swinging door from hitting compartment-mounted accessories. Mount with through-bolts.
4. Door Bumper: Manufacturer's heavy-duty rubber-tipped cast-stainless-steel bumper at out-swinging doors. Mount with through-bolts.
5. Door Pull: Manufacturer's heavy-duty cast-stainless-steel pull at out-swinging doors that complies with regulatory requirements for accessibility. Provide units on both sides of doors at compartments designated as accessible. Mount with through-bolts.

- B. Overhead Bracing: Manufacturer's standard continuous, extruded-aluminum head rail with anti-grip profile and in manufacturer's standard finish.
- C. Anchorages and Fasteners: Manufacturer's standard exposed fasteners of stainless steel, finished to match the items they are securing, with theft-resistant-type heads. Provide sex-type bolts for through-bolt applications. For concealed anchors, use stainless-steel, hot-dip galvanized-steel, or other rust-resistant, protective-coated steel compatible with related materials.

## 2.4 MATERIALS

- A. Aluminum Castings: ASTM B 26/B 26M.
- B. Aluminum Extrusions: ASTM B 221 (ASTM B 221M).
- C. Stainless-Steel Sheet: ASTM A 666, Type 304, stretcher-leveled standard of flatness.
- D. Stainless-Steel Castings: ASTM A 743/A 743M.

## 2.5 FABRICATION

- A. Fabrication, General: Fabricate toilet compartment components to sizes indicated. Coordinate requirements and provide cutouts for through-partition toilet accessories where required for attachment of toilet accessories.
- B. General: Doors, panels, screens, and pilasters fabricated for compartment systems. Provide units with cutouts and drilled holes to receive compartment-mounted hardware and accessories.
- C. Overhead-Braced-and-Floor-Anchored Compartments: Manufacturer's standard corrosion-resistant supports, leveling mechanism, fasteners, and anchors at pilasters to suit floor conditions. Make provisions for setting and securing continuous head rail at top of each pilaster. Provide shoes at pilasters to conceal supports and leveling mechanism.
- D. Screens: Units in sizes of same construction and finish as compartments.
- E. Doors: Unless otherwise indicated, provide 24-inch wide in-swinging doors for standard toilet compartments. 36-inch wide doors with a minimum of 32-inches wide

clear opening for partitions to be handicap accessible, or at handicap accessible fixtures.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine areas and conditions for compliance with requirements for fastening, support, alignment, operating clearances, and other conditions affecting performance of the Work.
- B. Confirm location and adequacy of blocking and supports required for installation.
- C. Make corrections to unsatisfactory conditions.

#### 3.2 INSTALLATION

- A. General: Comply with manufacturer's written installation instructions. Install units rigid, straight, level, and plumb. Secure units in position with manufacturer's recommended anchoring devices.
  - 1. Maximum Clearances:
    - a. Pilasters and Panels: 1/2 inch (13 mm).
    - b. Panels and Walls: 1 inch (25 mm).
  - 2. Full-Height (Continuous) Brackets: Secure panels to walls and to pilasters with full-height brackets.
    - a. Locate bracket fasteners so holes for wall anchors occur in masonry or tile joints.
    - b. Align brackets at pilasters with brackets at walls.
- B. Overhead-Braced-and-Floor-Anchored Compartments: Secure pilasters to floor and level, plumb, and tighten. Secure continuous head rail to each pilaster with not less than 2 fasteners. Hang doors and adjust so tops of doors are parallel with overhead brace when doors are in closed position.
- C. Floor-Anchored Compartments: Set pilaster units with anchors penetrating not less than 2 inches (50 mm) into structural floor, unless otherwise indicated in manufacturer's written instructions. Level, plumb, and tighten pilasters. Hang doors and adjust so tops of doors are level with tops of pilasters when doors are in closed position.
- D. Screens: Attach with anchoring devices according to manufacturer's written instructions and to suit supporting structure. Set units level and plumb and to resist lateral impact.
- E. Accessories: Mount accessories in accordance with manufacturer's instructions.

#### 3.3 ADJUSTING

- A. Hardware Adjustment: Adjust and lubricate hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging

doors to hold doors open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors to return doors to fully closed position.

END OF SECTION 10 21 13

## SECTION 10 28 00 - TOILET ACCESSORIES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Types of toilet accessories required include the following:
  - 1. Grab bars
  - 2. Toilet paper dispensers
  - 3. Combination paper towel dispensers and trash receptacles
  - 4. Soap dispensers
  - 5. Mirrors - Framed glass units.
- B. Related Sections:
  - 1. Toilet compartments are specified elsewhere in Division 10.

#### 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated. Include the following:
  - 1. Construction details and dimensions.
  - 2. Anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
  - 3. Material and finish descriptions.

#### 1.3 QUALITY ASSURANCE

- A. Single-Source Responsibility: Provide products of same manufacturer for toilet accessories specified in this section.

#### 1.4 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.
- B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

#### 1.5 WARRANTIES

- A. Mirrors: Submit a written warranty executed by mirror manufacturer, agreeing to replace mirrors that develop visible silver spoilage defects within warranty period.
  - 1. Warranty Period: 15 years from date of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS, GENERAL

- A. Stainless Steel: AISI Type 302/304, with polished No. 4 finish, 0.034-inch (22-gage) minimum thickness.

- B. Galvanized Steel Sheet: ASTM A 527, G60.
- C. Chromium Plating: Nickel and chromium electro-deposited on base metal, ASTM B 456, Type SC 2.
- D. Stainless Steel Mirror Surfaces: Not less than 0.04-inch (20-gage) AISI Type 302/304 stainless steel sheet, stretcher-leveled with No. 8 polished mirror finish. Bond to 1/4-inch minimum hardboard backing.
- E. Galvanized Steel Mounting Devices: ASTM A 153, hot-dip galvanized after fabrication.
- F. Fasteners: Screws, bolts, and other devices of same material as accessory unit, or of galvanized steel where concealed.
- G. Mirrors: ASTM C 1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

## 2.2 MANUFACTURERS AND PRODUCTS

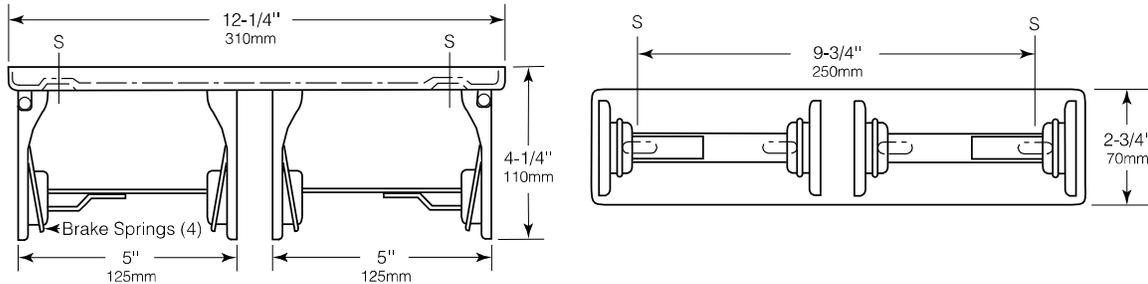
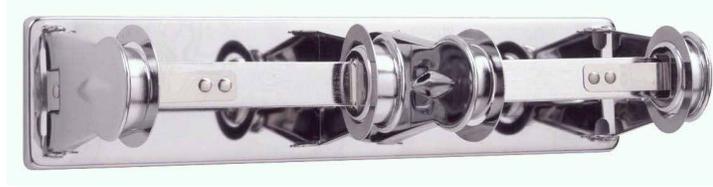
- A. Basis of Design: Products by Bobrick are indicated below.
  - 1. Subject to compliance with requirements, provide equivalent products by one of the following -
    - a. Bradley
    - b. American Specialties, Inc.
    - c. General Accessory Manufacturing Co. (GAMCO).

## 2.3 COMBINATION PAPER TOWEL DISPENSER AND TRASH RECEPTACLES

- A. Semi-Recessed Unit: Handicap accessible, stainless steel, for nominal 4-inch (102 mm) wall depth and with continuous seamless wall flange.
  - 1. Towel compartment in upper portion of unit designed to dispense not less than 500 C-fold or 800 multifold paper towels.
  - 2. Waste receptacle in lower portion of unit with reusable heavy-duty vinyl liner, minimum 12-gallon (45 liters) capacity.
  - 3. Provide flush doors with piano hinges and tumbler locks on upper and lower compartments.
- B. Products: B-3944 by Bobrick, or equal product by one of manufacturers listed above.

## 2.4 TOILET PAPER HOLDER DISPENSERS

- A. Surface mount, vandal resistant, assembly designed to contain 2 rolls of 5-inch diameter toilet tissues.
  - 1. Heavy-gauge chrome-plated steel with bright polished finish. Mounting bracket is 18-gauge (1.2mm). Equipped with vandal-resistant self-locking mechanisms and four heavy-duty brake springs.



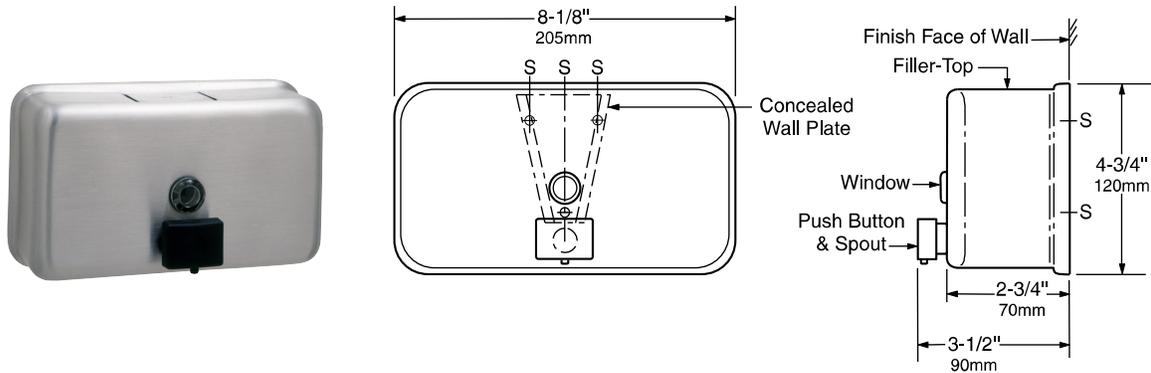
- B. Products: B-265 by Bobrick, or approved equal products by listed manufacturers above.

## 2.5 GRAB BARS

- A. Stainless Steel Type with wall thickness not less than 18 gauge (1.25 mm). Concealed mounting with manufacturer's standard flanges and anchorages. Manufacturer's standard non-slip texture for gripping surfaces.
  - 1. Outside diameter of bar 1-1/4 inch (32 mm).
  - 2. Configuration, length and design as indicated in the Drawings. If not indicated, fabricate to comply with ADA requirements for each toilet stall/room and shower situation.
- B. Products: B-5806 series by Bobrick, or equal product by one of manufacturers listed above.

## 2.6 SOAP DISPENSERS

- A. Liquid Soap Dispensers
  - 1. Wall surface-mount.
  - 2. Container: 18-8, type-304, 22-gauge (0.8mm) stainless steel with satin-finish. Body is drawn, one-piece, seamless construction. Back plate has mounting bracket attached. Furnished with concealed wall plate. Equipped with a clear acrylic soap refill-indicator window and a locked, hinged stainless steel lid for top filling.
  - 3. Capacity: 40-fl oz (1.2-L).
  - 4. Valve: Black molded plastic push button and spout. Soap head-holding mushroom valve. Stainless steel spring. U-packing seal and duckbill. Antibacterial-soap-resistant plastic cylinder.



- B. Products: B-2112 by Bobrick, or equal product by one of manufacturers listed above.

## 2.7 MIRROR UNITS

- A. Wall surface mount type, with frame and glass surface.
- B. Frame: 18-8, heavy-gauge stainless steel, 3/4" x 3/4" (19 x 19mm) angle with satin finish. One-piece, roll-formed construction forms continuous integral stiffener on all sides. Bevel design on front of angle holds frame tightly against mirror. Corners of mirror frame are heliarc welded, ground and polish smooth.
- C. Galvanized steel back is fastened to frame with concealed screws and equipped with integral horizontal hanging brackets near the top and bottom of the mirror for hanging the mirror and to prevent the mirror from pulling away from the wall. Locking devices secure mirror to concealed wall hanger.
- D. Size: 24" wide x 36" high, unless indicated otherwise.
- E. Products: B-290 by Bobrick, or equal product by one of manufacturers listed above.

## 2.8 FABRICATION

- A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.
- B. Surface-Mounted Toilet Accessories, General: Except where otherwise indicated, fabricate units with tight seams and joints, exposed edges rolled. Hang doors or access panels with continuous stainless steel piano hinge. Provide concealed anchorage wherever possible.
- C. Recessed Toilet Accessories, General: Except where otherwise indicated, fabricate units of all-welded construction, without mitered corners. Hang doors or access panels with full-length, stainless steel piano hinge. Provide anchorage that is fully concealed when unit is closed.

- D. Framed Mirror Units, General: Fabricate frames for glass mirror units to accommodate wood, felt, plastic, or other glass edge protection material. Provide mirror backing and support system that will permit rigid, tamperproof glass installation and prevent moisture accumulation, as follows:
  - 1. Provide galvanized-steel backing sheet, not less than 0.034 inch (22 gage) and full mirror size, with non-absorptive filler material. Corrugated cardboard is not an acceptable filler material.
- E. Mirror Unit Hangers: Provide system for mounting mirror units that will permit rigid, tamperproof, and theft-proof installation.
- F. Keys: Provide universal keys for access to toilet accessory units requiring internal access for servicing, re-supply, etc. Provide minimum of six keys to Owner's representative.

## PART 3 - EXECUTION

### 3.1 PREPARATION AND COORDINATION

- A. Coordinate with related construction, such as walls, to ensure that adequate bracing, blocking and nailers are provided for securing toilet accessories.
- B. Verify and check type of construction provided in order to furnish the proper type of fasteners and anchorage devices for securing toilet accessories.
- C. Coordinate with electrical service for items requiring such service.

### 3.2 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 at heights indicated.
- B. Framed Mirror Units, General: Fabricate frames for glass mirror units to accommodate wood, felt, plastic, or other glass edge protection material. Provide mirror backing and support system that will permit rigid, tamperproof glass installation and prevent moisture accumulation, as follows:
  - 1. Provide galvanized-steel backing sheet, not less than 0.034 inch (22 gage) and full mirror size, with non-absorptive filler material. Corrugated cardboard is not an acceptable filler material.
- C. Mirror Unit Hangers: Provide system for mounting mirror units that will permit rigid, tamperproof, and theft-proof installation, as follows:
  - 1. One-piece, galvanized-steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.
- D. Install grab bars to withstand a downward load of at least 250 lbf, complying with ASTM F 446.
- E. Install units to comply with ADA required accessibility heights and clearances.

### 3.3 ADJUST AND CLEAN

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

### 3.4 TOILET ACCESSORY SCHEDULE

- A. Unless indicated otherwise, locate items as follows.
- B. Grab Bars:
  - 1. 1 set at each handicap accessible toilet stall.
  - 2. 1 set at each handicap accessible toilet room.
- C. Toilet Paper Dispensers:
  - 1. 1 at each single occupant toilet room.
  - 2. 1 at each water closet stall.
- D. Combination Paper Towel Dispensers and Trash Receptacles:
  - 1. 1 at each single occupant toilet room.
  - 2. 1 at each large toilet room
- E. Soap Dispensers:
  - 1. 1 at each lavatory. Mount in between lavatories at toilet rooms with multiple lavatories; none required outside of each row of lavatories.
- F. Mirrors:
  - 1. 1 over each lavatory.

END OF SECTION 10 28 00

# Crumb Engineering, LLC

4609 Fairfield Street  
Metairie, LA 70006

(504) 455-4450  
Fax (504) 455-4451

August 11, 2016

Mrs. Kate McLean  
Domain Architecture  
8316 Kelwood Avenue  
Baton Rouge, LA 70806

RE: BREC – Church Street Recreation Center  
Mechanical & Electrical Addendum Items

Dear Kate:

Below is a list of mechanical and electrical addenda items for the referenced project. Please incorporate these items into your next addendum.

## **ADDENDUM**

Plans and Specifications for the referenced project are hereby modified as follows:

### **MECHANICAL**

#### **A. PRIOR APPROVALS**

Listed below are manufacturers who are recognized as capable of producing products or equipment equal to those specified. Products or equipment will be considered acceptable, providing the equipment meets, or exceeds the specification requirements, fits the available space, and has the capacity and performance requirements.

The listed (prior-approved) equipment is not given with respect to any specific model, series, catalog number, etc. Suppliers are cautioned that before their equipment is actually approved, it will be incumbent upon them to demonstrate to the architect or engineer, that the product or equipment is (in fact) equal to the requirements specified and conforms fully to all specification requirements.

#### **Section 221100 Plumbing:**

Approved manufacturers

Plumbing Fixtures – Zurn, Acorn, Delta, Josam, IPS, American Standard, Fiat, MiFab

Water Heater – American Standard

#### **Section 233000 HVAC:**

Approved manufacturers

Packaged Air Unit (RTU-2) – Temp Master, JCI/York

Grilles, Diffusers, Registers – Nailor, Krueger, Price

Louvers – United Enertech, Pottorff

Exhaust Fans – Twin City, Cook, Pennbarry

Fabric Duct – FabricAir, KE Fibertec

## **ELECTRICAL**

### **A. PRIOR APPROVALS**

Listed below are manufacturers who are recognized as capable of producing products or equipment equal to those specified. Products or equipment will be considered acceptable, providing the equipment meets, or exceeds the specification requirements, fits the available space, and has the capacity and performance requirements.

The listed (prior-approved) equipment is not given with respect to any specific model, series, catalog number, etc. Suppliers are cautioned that before their equipment is actually approved, it will be incumbent upon them to demonstrate to the architect or engineer, that the product or equipment is (in fact) equal to the requirements specified and conforms fully to all specification requirements.

#### **Section 265000 Lighting Fixtures:**

Light Fixtures – Day-Brite, Stonco, Gardco, Techlgt, Lumecon, Ltalrm, Select, Deco

Lighting Controls - Leviton

#### **END OF ADDENDUM**

If you have any questions or need any additional information, please do not hesitate to call.

Very Truly Yours,

**Crumb Engineering, LLC**

A handwritten signature in black ink that reads "Jason T. Crumb". The signature is written in a cursive style with a large, looped initial "J".

Jason T. Crumb, PE