



**TETRA TECH**

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**Addendum 5**

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Colonial School District  
Wilmington, DE

Bid No.: 4-17-38

**Colonial School District – Eisenberg Elementary School Nurse’s/ Counseling Suite**

Tt Project No. 16101-17001

**Addendum No. 5**  
to  
Drawings and Project Manual

June 30, 2017

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To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:  
Original DRAWINGS dated June 19, 2017  
PROJECT MANUAL dated June 19, 2017.

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of two (2) pages not including the attachments:

**1.0 PROJECT MANUAL – MODIFICATIONS**

- 1.1 Spec Section 08 71 00; DOOR HARDWARE: REVISE the Hardware Sets as follows Remove card readers from Doors 02 and 03.

**2.0 DRAWINGS - MODIFICATIONS**

- 1.1 SHEET G-000, Drawing 3/G-000 ADD the following note: Provide demolition and replacement of 4’-0” of 5’-0” wide concrete sidewalk adjacent to new concrete ramp. Provide control joints match existing control joint spacing (at approximately every 5’). New sidewalk to be 5”, 4000 PSI concrete with 4” layer of GABC crushed stone base. Submit concrete mix submittal for review. Regrade and grass seed adjacent disturbed grass lawn.
- 1.2 SHEET A-101, ADD the following notes to Sheet A-101 (to Keynote Legend – Demolition): **Note D11** Remove existing intake louver and prepare opening for new masonry infill. **Note D12** Remove existing fully recessed Fire Extinguisher Cabinet (adjacent to new door 01 location). Salvage existing Fire Extinguisher and locate in new FEC. **D13** At existing CMU wall (where existing unit ventilator is being removed) parge and patch wall as necessary to provide a finished appearance.

- 1.3 SHEET A-101, ADD the following notes to Sheet A-101 (to Keynote Legend – New work): **Note 07** Provide Mullion Mate 4 adjustable partition closure for full height of window in locations where new gypsum board partitions align with existing window mullions (occurs at (4) locations). **Note 08:** On exterior wall below window sill, Infill 16” High x 48” wide opening left from removal of the intake louver. Match existing adjacent wall in material, thickness and finish. Remove brick as required to tooth in and to make finish seamless. On interior wall at same void left by removal of intake louver, provide 8” thick CMU infill. **Note 09:** Provide new semi recessed Fire Extinguisher Cabinet (FEC). New FEC to be located approximately below transom window infill location (main corridor side, opposite of Administration/ Records 101).. **Note 10:** Infill opening left from removal of the recessed fire extinguisher cabinet, approximate size is 16” x 32”, infill opening with toothed in brick and paint to match adjacent finishes..
- 1.4 SKETCH E/ SK-0.01, REVISE sketch as follows: (1) DELETE counter and wall mounted Data drops, (2) ADD a ceiling mounted Wireless Access Point (two RJ 45 data drops) (3) DELETE Card Readers from Doors 02 and 03. (4) Provide minimum 1” Wiremold Raceways and surface mounted backboxes at perimeter walls of Suite (existing walls of original classroom); including but not limited to Power, Switching, Fire Alarm Devices, Card Readers, etc. At locations indicated below windows allow for horizontal run of wiremold to feed power/ device. New stud/gypsum partition locations are shown shaded on Drawing 2/ A-101, assume all other walls are existing masonry and require wiremold.
- 1.5 SKETCH A/SK-0.01, Sketch adds an elevation of the ramp railing next to the exterior door.

#### **ATTACHMENT LIST**

1. A/SK-0.01, EXTERIOR RAILING ELEVATION
2. Specification Section 10 44 13 FIRE EXTINGUISHER CABINET

**END OF ADDENDUM No. 5**

## SECTION 10 44 13 - FIRE EXTINGUISHER CABINETS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section Includes:
  - 1. Fire protection cabinets for the following:
    - a. Portable fire extinguishers.

#### 1.3 SUBMITTALS, GENERAL

- A. General: Submit all action submittals required by this Section concurrently.

#### 1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for fire protection cabinets. Include roughing-in dimensions, details showing mounting methods, relationships of box and trim to surrounding construction, door hardware, cabinet type, trim style, and panel style.
  - 1. Rated fire protection cabinets.
- B. Product Schedule: For fire protection cabinets. Coordinate final fire protection cabinet schedule with fire extinguisher schedule to ensure proper fit and function.

#### 1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For fire protection cabinets to include in maintenance manuals.

#### 1.6 PERFORMANCE REQUIREMENTS

- A. Fire-Rated, Fire Protection Cabinets: Listed and labeled to comply with requirements in ASTM E 814 for fire-resistance rating of walls where they are installed.
- B. Preinstallation Conference: Conduct conference at Project site.

1.7 COORDINATION

- A. Coordinate size of fire protection cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.
- B. Coordinate sizes and locations of fire protection cabinets with wall depths.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.
- B. Stainless-Steel Sheet: ASTM A 666, Type 304.
- C. Tempered Float Glass: ASTM C 1048, Kind FT, Condition A, Type I, Quality q3, 3 mm thick, Class 1 (clear).

2.2 RATED FIRE PROTECTION CABINET

- A. Cabinet Type: Suitable for fire extinguisher.
  - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Fire End & Croker Corporation; Series FR-1621 SS or comparable product by one of the following:
    - a. J. L. Industries, Inc., a division of Activar Construction Products Group.
    - b. Larsen's Manufacturing Company.
    - c. Potter Roemer LLC.
- B. Cabinet Construction: 1-hour fire rated.
  - 1. Fire-Rated Cabinets: Construct fire-rated cabinets with double walls fabricated from cold-rolled steel sheet lined with fire-barrier material. Provide factory-drilled mounting holes.
- C. Cabinet Material: Stainless-steel sheet.
- D. Recessed Cabinet: Cabinet box recessed in walls of sufficient depth to suit style of trim indicated.
  - 1. Exposed Flat Trim: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend).
- E. Cabinet Trim Material: Stainless-steel sheet.
- F. Door Material: Stainless-steel sheet.
- G. Door Style: Fully glazed panel with frame.

- H. Door Glazing: Tempered float glass (clear).
- I. Door Hardware: Manufacturer's standard door-operating hardware of proper type for cabinet type, trim style, and door material and style indicated, and as follows:
  - 1. Provide projecting door pull and friction latch.
  - 2. Provide continuous hinge, of same material and finish as trim, permitting door to open 180 degrees.
- J. Accessories:
  - 1. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as directed by Architect.
    - a. Identify fire extinguisher in security fire protection cabinet with the words "FIRE EXTINGUISHER." Lettering color and orientation as directed by Architect.
- K. Finishes:
  - 1. Stainless Steel: No. 4.

## 2.3 FABRICATION

- A. Fire Protection Cabinets: Provide manufacturer's standard box (tub) with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated.
  - 1. Weld joints and grind smooth.
  - 2. Provide factory-drilled mounting holes.
- B. Cabinet Doors: Fabricate doors according to manufacturer's standards, from materials indicated and coordinated with cabinet types and trim styles selected.
  - 1. Fabricate door frames with tubular stiles and rails and hollow-metal design, minimum 1/2 inch thick.
  - 2. Miter and weld perimeter door frames.
- C. Cabinet Trim: Fabricate cabinet trim in one piece with corners mitered, welded, and ground smooth.

## 2.4 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces of fire protection cabinets from damage by applying a strippable, temporary protective covering before shipping.
- C. Finish fire protection cabinets after assembly.
- D. Appearance of Finished Work: Noticeable variations in same piece are not acceptable.

2.5 STAINLESS-STEEL FINISHES

- A. Surface Preparation: Remove tool and die marks and stretch lines, or blend into finish.
- B. Polished Finishes: Grind and polish surfaces to produce uniform finish, free of cross scratches.
  - 1. Run grain of directional finishes with long dimension of each piece.
  - 2. When polishing is completed, passivate and rinse surfaces. Remove embedded foreign matter and leave surfaces chemically clean.
  - 3. Directional Satin Finish: No. 4.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine walls and partitions for suitable framing depth and blocking where recessed cabinets will be installed.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.
- C. Beginning installation constitutes Contractor's acceptance of substrates and conditions.

3.2 PREPARATION

- A. Prepare recesses for recessed fire protection cabinets as required by type and size of cabinet and trim style.

3.3 INSTALLATION

- A. General: Install fire protection cabinets in locations and at mounting heights indicated or, if not indicated, at heights indicated below:
  - 1. Fire Protection Cabinets: 40 inches above finished floor to top of cabinet rough opening aligned with masonry coursing.
- B. Fire Protection Cabinets: Fasten cabinets to structure, square and plumb.

3.4 ADJUSTING AND CLEANING

- A. Remove temporary protective coverings and strippable films, if any, as fire protection cabinets are installed unless otherwise indicated in manufacturer's written installation instructions.
- B. Adjust fire protection cabinet doors to operate easily without binding.
- C. On completion of fire protection cabinet installation, clean interior and exterior surfaces as recommended by manufacturer.

- D. Touch up marred finishes, or replace fire protection cabinets that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by fire protection cabinet manufacturers.
- E. Replace fire protection cabinets that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 10 44 13