Addendum No. 005

Subject: 2020 Classroom Modernizations
SDP Contract Numbers: B-001 C of 19/20 & B-003 C of 19/20

Location: Francis Scott Key School
2230 S. 8th St, Philadelphia PA 19148

This Addendum, dated March 06, 2020, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

GENERAL

CLARIFICATION – Any/all scope dictated in the Asbestos Inspection Report specification and/or the Paint and Plaster specification (where applicable) shall utilize the proposed finishes as indicated on the Color Scheme Schedule within the Classroom Modernization drawings. All color selections and locations shall be approved by the architect.

ARCHITECTURAL DRAWINGS

DRAWING D1.1 – OVERALL FIRST FLOOR DEMOLITION PLAN
1. REVISE demolition note 8A to read “EXISTING WOOD TRIM THROUGHOUT ENTIRE ROOM INCLUDING, BUT NOT LIMITED TO BASE, DOOR, CROWN MOLDING, WINDOW TRIM AND INTERMITTENT WOOD MULLIONS, SHALL BE STRIPPED OF ANY NAILS, STAPLES, TAPE, AND ETC. SAND AND PATCH ANY PENETRATIONS AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.”

DRAWING D1.2 – OVERALL SECOND FLOOR DEMOLITION PLAN
1. REVISE demolition note 8A to read “EXISTING WOOD TRIM THROUGHOUT ENTIRE ROOM INCLUDING, BUT NOT LIMITED TO BASE, DOOR, CROWN MOLDING, WINDOW TRIM AND INTERMITTENT WOOD MULLIONS, SHALL BE STRIPPED OF ANY NAILS, STAPLES, TAPE, AND ETC. SAND AND PATCH ANY PENETRATIONS AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.”

ELECTRICAL DRAWINGS

DRAWING E2.1 - ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN
1. REVISE data outlet locations and scope as indicated on the drawings.

DRAWING E2.2 - ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN
1. REVISE data outlet locations and scope as indicated on the drawings.
DRAwING E7.1 - ELECTRICAL DETAILS
1. REVISE 3/E7.1 Typical Classroom Lighting Controller diagram as indicated on the drawings.

ATTACHMENTS

DRAwINGS

DRAwING E2.1  ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN
DRAwING E2.2  ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN
DRAwING E7.1  ELECTRICAL DETAILS

END OF ADDENDUM #005
1. REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES.
3. ALL RECEPTACLES, TELE/DATA OUTLETS WITH ASSOCIATED WIRING, CONDUIT, RACEWAYS, ETC SHALL BE SURFACE MOUNTED ON EXISTING WALLS AND FLUSH MOUNTED ON NEW WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES.
4. ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO SEAL SHALL BE PROVIDED WITH NEW DEVICES.
6. ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.

KEYED SHEET NOTES
1. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION.
2. NEW LOCATION OF RELOCATED PA SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION.
3. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT.
4. CONTRACTOR TO COORDINATE IN FIELD FOR EXACT LOCATION OF RECEPTACLE AND DATA OUTLET SERVING THE INTERACTIVE SMARTBOARD TO AVOID CONFLICT WITH BASE PLATE. REFER TO MECHANICSBURG, PA 17055
5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING PUBLIC ADDRESS SPEAKER, REPLACE IF NEEDED. COORDINATE WITH SDP FOR EXACT SPECIFICATIONS.
1. REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.

2. REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES.

3. REFER TO MECHANICAL AND PLUMBING DRAWINGS LOCATIONS.

4. ALL RECEPTACLES, TELE/DATA OUTLETS WITH ASSOCIATED WIRING SHALL BE FLUSH MOUNTED. SURFACE MOUNTED OUTLETS, CONDUIT, SEAL: RACEWAYS, ETC TO BE APPROVED BY ARCHITECT PRIOR TO INSTALLATION.

5. ALL NEW 15- AND 20-AMPERE, 125-AND 250-VOLT NONLOCKING TYPE RECEPTACLES SHALL BE TAMPER RESISTANT AS PER NEC 406.12. MOUNTED CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY.

401 E. Winding Hill Road CRABTREE, ROHRBAUGH & ASSOCIATES
100% DESIGN SUBMISSION

STATE AND LICENSE NO: PE089048

FRANCIS SCOTT KEY ELEMENTARY SCHOOL
2230 S 8TH STREET PHILADELPHIA, PA 19148

PROJECT TITLE
CLASSROOM MODERNIZATION

1/22/2020

PROJECT NO
CLASSROOM MODERNIZATION

E2.2
1. DEVICES SHALL BE INSTALLED ON A COMMON VERTICAL LINE WHEREVER POSSIBLE. COORDINATE WITH ARCHITECT TO VERIFY ALL PROJECT SPECIFIC STANDARD DEVICE MOUNTING HEIGHTS PRIOR TO INSTALLATION. ARCHITECTURAL DRAWINGS TO TAKE

2RATINGS - 1 AND 2 HR

3TRATING - 0 HR

440 NORTH BROAD STREET

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(215) 400 - 4730    (215) 400 - 4731 (fax)

PA SPEAKER

WIRELESS CLOCK

1. WALL ASSEMBLY - THE FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

1.1. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16 IN. OC. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE AND SPACED MAX 24 IN. OC.

1.2. GYPSUM BOARD* - THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS REQUIRED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IN WOOD STUD WALLS IS 8 IN. MAX DIAM OF OPENING IN STEEL STUD WALLS IS 14 IN. THE HOURLY RATING OF THE FIRE STOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.

FINISHED WALL

FINISHED WALL

SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE A MIN 0 IN. (POINT CONTACT) TO A 96" MAX 2 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

2.1. STEEL PIPE - NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 5 (OR HEAVIER STEEL PIPE.

2.2. COPPER TUBING - NOM 6 IN. (152 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.

2.3. COPPER TUBING OR PIPE 6 (152) 1/8 (3), 1/2 (13)

FLUSH WITH BOTH SURFACES OF WALL. MIN 3/8 IN. DIAM BEAD OF FILL MATERIAL APPLIED AT POINT CONTACT LOCATION AT THE PENETRANT/GYPSUM BOARD INTERFACE ON BOTH SIDES OF WALL.

PENETRATIONS THROUGH STRUCTURE SHALL MAINTAIN FIRE RESISTANCE AND COMPLY WITH SECTION 713.4 OF THE IBC 2018. ALL ANNULAR SPACES BETWEEN RATED STRUCTURE/ENCLOSURE SHALL BE FILLED WITH APPROVED MATERIAL COMPLYING WITH REQUIREMENTS OF UL 1479.

FINISHED FLOOR

MEP ENGINEERS

BELLEMEADE, PA 17055

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18" OPENING IS 25 IN. (635 MM). SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR THE NAMES OF MANUFACTURERS.