Addendum No. 005

Subject: 2020 Classroom Modernizations
SDP Contract Numbers: B-007 C of 19/20 & B-009 C of 19/20

Location: George Sharswood School
2300 S. 2nd 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. REVISED 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. REVISED 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, OFFICE OF CAPITAL PROGRAMS.

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

4. ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF www.philasd.org WITH NEW DEVICES. NEW DEVICE COLOR SHALL BE WHITE.


6. EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.

7. CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.

8. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE.
1. REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.

2. 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 www.philasd.org ARCHITECTURAL DRAWINGS FOR WALL TYPES.


5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.

6. NEW PANELBOARD "A2". CONTRACTOR TO UTILIZE, INTERCEPT PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.

7. NEW PANELBOARD "B2". CONTRACTOR TO UTILIZE, INTERCEPT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.

8. NEW PANELBOARD "C2". CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.

9. NEW PANELBOARD "D2". CONTRACTOR TO UTILIZE, INTERCEPT LOCATION AND MOUNTING HEIGHT.

10. 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 DRAWING E0.1.

KEYED SHEET NOTES

1. NEW LOCATION OF PA SPEAKER. COORDINATE IN FIELD FOR NEW PA SPEAKER LOCATION.

2. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE.

3. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT.

4. CONTRACTOR TO PROVIDE NEW TELEPHONE OUTLET. SDP TO PROVIDE NEW WALL MOUNTED TELEPHONE.

5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING PA SYSTEM EQUIP. (E).

MECHANICAL NOTES

- Security Equip. (E)
- IT/MDF Racks (Stacked) (E)
- IT/Racks (E)
- Storage (E)
- Security Equip. (E)
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 PRECEDENCE OVER THE MOUNTING HEIGHTS LISTED IN THIS DETAIL.

2. RATING - 1 AND 2 HR

3. RATING - 0 HR

CAULK - MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, 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.

3. FILL, VOID OR CAVITY MATERIAL* - SEALANT - MIN 5/8 IN. (16 MM) THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN THROUGH PENETRANT AND CONCRETE, A MIN 3/8 IN. (10 MM) DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/THROUGH PENETRANT INTERFACE ON BOTH SURFACES 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.

4. COPPER TUBING - NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.

5. COPPER PIPE - NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

SECTION A-A

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 DRAWING SET. 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.

1.1. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO BE 2X4 IN. OC.

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

1.3. IRON PIPE - NOM 12 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.

1.4. COPPER TUBING - NOM 6 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.

1.5. COPPER PIPE - NOM 6 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.

1.6. REINFORCED CONCRETE

2. THROUGH-PENETRATION FIRE STOP DETAIL

3. FILL, VOID OR CAVITY MATERIAL* - 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.