



Project No. 11013.80

**GEORGETOWN MIDDLE-HIGH SCHOOL RENOVATIONS
Georgetown, MA**

ADDENDUM NO.3

February 20, 2015

The original Specifications and Drawings dated February 4, 2015 and Addendum 1 & 2, for the above noted project are amended as stated in this Addendum. Receipt of the Addendum shall be acknowledged by inserting its number in the space provided on the Bid Form. This Addendum consists of 7, pages plus the following attachments:

ATTACHMENTS

1. **00 00 03 – FORM FOR GENERAL BID** (3 Pages)
2. **07 42 93 – PREFINISHED ALUMINUM WALL PANELS** (5 Pages)
3. ARCHITECTURAL REVISION SKETCHES
RA3-01 through RA3-02
4. ARCHITECTURAL ADDED DRAWINGS
A0-0-4 – OVERALL ROOF PLAN
5. HVAC REVISION SKETCHES
RM3-01 through RM3-03
6. ELECTRICAL REVISION SKETCHES
RE3-01 through RE3-24
7. Pre-bid Conference sign-in sheet, Dated 2015.02.19

AMENDMENTS TO ADDENDA

ADD 3-01 ADDENDUM NO. 2

Page 2, ADD 2-02, REVISE Subparagraph 1 to read:

- "1. Protection durable sheet materials shall be, at a minimum, a non-staining 4' x 8' x 1/2" thick 440 Homasote board, plywood or hardboard. General Contractor shall furnish and install protection board materials over kraft paper provided by individual finish flooring Sections."

Page 3, ADD 2-05, DELETE the last four lines and REPLACE with the following:

"Page 07 53 23 - 5, Article 1.9, Paragraph A, REVISE the 3rd and 4th lines in Subparagraph 1 to read:

"Total roof system warranty coverage shall be extended to include minimum FM 1-75 wind warranty in accordance with terms stated in the Warranty documents.""

AMENDMENTS TO PROJECT MANUAL

ADD 3-02 TABLE OF CONTENTS

Page 2, Division 07 – Thermal and Moisture Protection, INSERT new line after “07 27 26 – Fire-Resistant, Fluid-Applied Air and Vapor Barrier System (Sub-bid as part of Section 07 10 00)”:

“07 42 93 – Prefinished Aluminum Wall Panels”

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

ADD 3-04 SECTION – FORM FOR GENERAL BID

REPLACE Divisions 00 section “Form for General Bid” in its entirety with attached Revised “Form for General Bid” (3 Pages).

ADD 3-05 SECTION – LIST OF DRAWINGS

Page 1 – ADD the following line after “A0-0-3 – OVERALL THIRD FLOOR PLAN”
A0-0-4 – OVERALL ROOF PLAN

DIVISION 01 – GENERAL REQUIREMENTS

ADD 3-06 SECTION 01 91 00 – GENERAL COMMISSIONING REQUIREMENTS

Page 01 91 00 – 6, Article 1.05, Paragraph B, Subparagraph 1, REPLACE the words “John F. Kennedy Middle School” with “Georgetown Middle-High School”

Page 01 91 00 – 06, Article 1.06, Paragraph A, REPLACE all subparagraphs with the following:

- “1. Division 01 – Testing Laboratory Services, Submittal Procedures, Closeout Procedures
2. Division 07 – Adhered Thermoset (EPDM) Roofing
3. Division 08 – Aluminum Storefronts with Integral Windows and Louvers
4. Division 21 – Fire Protection
5. Division 22 – Plumbing
6. Division 23 – HVAC
7. Division 26 – Electrical
8. Division 27 – Communications”

DIVISION 06 – WOOD AND PLASTICS

ADD 3-07 SECTION 06 10 53 - MISCELLANEOUS ROUGH CARPENTRY

Page 06 10 53 - 1, Article 1.3, Paragraph A, REVISE Subparagraph 1 to read:

- "1. Division 07 Section "Adhered Thermoset (EPDM) Roofing System": for removing, furnishing and installing, rebuilding roofing system related wood blocking, cants, curbs, roof edging, and other pertinent miscellaneous rough woodwork by Roofing Trade".

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

ADD 3-08 SPECIFICATION DIVISION 07

ADD Section 07 42 93 – Prefinished Aluminum Wall Panels (5 Pages).

ADD 3-09 SECTION 07 53 23 - ADHERED THERMOSET (EPDM) ROOFING SYSTEM

Page 07 53 23 - 1, Article 1.3, Paragraph A, REVISE Subparagraph 3 to read:

"3. Division 06 Section "Misc. Rough Carpentry": for furnishing and installing wood blocking other than those specified in this Section and provided by Roofing Trade".

ADD 3-10 SECTION 07 52 23 - ADHERED THERMOSET (EPDM) ROOFING SYSTEM

Page 07 53 23 - 3, Article 1.6, Paragraph A, INSERT new subparagraph as follows:

"1. Manufacturer having authorized field representative to perform warranty inspections in field at each critical milestone stage of roof system installation."

Page 07 53 23 - 3, Article 1.6, Paragraph B, INSERT new subparagraph as follows:

"3. Coordinate, schedule, and pay for roof system warranty inspection performed by roofing manufacturer's authorized field representative. Obtain written records for each accepted inspection and made available upon Architect's request."

Page 07 52 23 – 5, Article 2.4, Paragraph A, ADD the following Subparagraph:

"1. Vapor retarder is located at new steel deck infill locations only."

Page 07 52 23 – 8, Article 2.11, Paragraph A, Subparagraph 1, REVISE the first sentence to read as follows:

"Fasteners shall have sufficient lengths to secure roofing system components to structural roof deck substrates **down through steel decking.**"

Page 07 53 23 - 10, Article 3.1, Paragraph B, INSERT new subparagraph as follows:

"6. Roof system warranty inspection schedule and requirements."

Page 07 53 23 - 13, Article 3.14, Paragraph B, INSERT new subparagraph as follows:

"1. Repair, replace if not repairable, any work failed to pass warranty inspection at no additional cost to the Owner. Schedule and pay for re-inspection where necessary until total roof system warranty may be issued by roofing manufacturer."

ADD 3-11 SECTION 07 52 23 - ADHERED THERMOSET (EPDM) ROOFING SYSTEM

Page 07 53 23 – 2, Article 1.3, Paragraph A, ADD the following subparagraph:

"9. Division 01 – Alternates"

Page 07 53 23 - 7, Article 2.7, Paragraph A, Subparagraph 1, Item h, REVISE the words "1-90" to read "1-75".

DIVISION 08 – DOORS AND WINDOWS

ADD 3-12 SECTION 08 41 13 – ALUMINUM FRAMED STOREFRONTS WITH INTEGRAL WINDOWS AND LOUVERS (SUB-BID AAS PART OF SECTION 08 40 00)

Page 08 41 13 – 1, Article 1.3, Paragraph A, ADD the following subparagraph:

"10. Division 01 – Alternates"

ADD 3-13 SECTION 08 62 50 – GLASS GLAZED SKYLIGHT

Page 08 62 50 – 1, Article 1.3, Paragraph A, ADD the following subparagraph:

"4. Division 01 – Alternates"

DIVISION 09 – FINISHES

ADD 3-14 SECTION 09 51 13 – ACOUSTICAL CEILING PANELS

Page 09 51 13 – 1, Article 1.3, Paragraph A, ADD the following subparagraph:

"7. Division 01 – Alternates"

- ADD 3-15 SECTION 09 65 14 - RUBBER STAIR TREADS, RISERS AND BASES**
Page 09 65 14 - 5, Article 3.4, Paragraph C, INSERT the following new subparagraphs:
1. After cleaning and polishing, protect completed work using non-staining heavy duty reinforced 60 pound kraft paper. Tape joints of protective covering. Plastic and polyethylene sheet protective coverings shall not be permitted.
 2. Coordinate with General Contractor and Division 01 Section "Execution Requirements" on additional Hamosote or plywood board protecting the completed and kraft paper covered work of this Section from soiling or damages caused by rolling or staging loads, construction traffic, or the work of other trades.
 3. Remove protective covering three days prior to date of Substantial Completion. Vacuum clean and remove soiling and stains. Polish where necessary. Restore, or replace if not restorable, soiled or damaged stair treads, risers or bases with new."

- ADD 3-16 SECTION 09 65 19 - VINYL COMPOSITION TILE FLOORING**
Page 09 65 19 - 6, Article 3.5, Paragraph A, INSERT the following new subparagraphs:
1. Apply 2 coats of sealer.
 2. Apply 3 coats of polish.
 3. Buff, spray buff or burnish to achieve acceptable gloss level."
- Page 09 65 19 - 6, Article 3.5, Paragraph B, REVISE Subparagraph 1 to read:
1. After cleaning and polishing, protect completed work using non-staining heavy duty reinforced 60 pound kraft paper. Tape joints of protective covering. Plastic and polyethylene sheet protective coverings shall not be permitted.
 2. Coordinate with General Contractor and Division 01 Section "Execution Requirements" on additional Hamosote or plywood board protecting the completed and kraft paper covered work of this Section from soiling or damages caused by rolling or staging loads, construction traffic, or the work of other trades.
 3. Remove protective covering three days prior to date of Substantial Completion. Vacuum clean and remove soiling and stains. Polish where necessary. Restore, or replace if not restorable, soiled or damaged vinyl composition tile flooring with new."

- ADD 3-17 SECTION 09 91 00 – INTERIOR AND EXTERIOR PAINTS**
Page 09 91 00 – 9, Article 3.6, Paragraph B, Subparagraph 6, DELETE the following:
- b. 1 color on ceiling / underside of deck.
 - c. 1 color on structure steel member.
 - d. 1 color on duct."
- Page 09 91 00 - 11, Article 3.8, DELETE Paragraph C in its entirety.
- Page 09 91 00 – 13, Article 3.8, REVISE Paragraph J to read:
"Interior underside of METAL DECKING, exposed to view joists, overhead steel, sprinkler piping, conduits, ducts and similar items (**excluding Gymnasium, 2293**).

DIVISION 23 – HEATING, VENTILATING, AND AIR CONDITIONING

- ADD 3-18 SECTION 230000 - HVAC**
Page ii, INDEX, ADD new item 3.0 in PART 3 - EXECUTION to read as follows:
"3.0. GENERAL"

- ADD 3-19 SECTION 230000 - HVAC**
Page 5, Article 1.4, Subparagraph B, REPLACE item 1 to read as follows:
"1. Concrete bases and thrust blocks for HVAC equipment. DIVISION 3."

GEORGETOWN MIDDLE-HIGH SCHOOL RENOVATIONS
GEORGETOWN, MA

- ADD 3-20 SECTION 230000 - HVAC**
Page 5, Article 1.4, Subparagraph B, REPLACE item 5 to read as follows:
"5. Temporary heat. DIVISION 01: TEMPORARY FACILITIES AND CONTROLS"
- ADD 3-21 SECTION 230000 - HVAC**
Page 27, Article 2.7, ADD Subparagraph Y to read as follows:
"Y. All exposed piping shall include chrome escutcheons at all wall penetrations."
- ADD 3-22 SECTION 230000 - HVAC**
Page 31, Article 2.11, Subparagraph E, ADD item 6 to read as follows:
"6. Metal Cabinetry; Milcor Type M."
- ADD 3-23 SECTION 230000 - HVAC**
Page 53, Article 2.19, Subparagraph U, REVISE the last sentence in item 1 to read as follows:
"1. In addition, conform to SMACNA "Duct Cleanliness for New Construction Guidelines" to the "Advanced Level" standards, all pursuant to LEED Product Reviews."
- ADD 3-24 SECTION 230000 - HVAC**
Page 81, Article 2.25, Subparagraph C, ADD the following to the end: Cleaning method shall be submitted for review and approval by the Architect."
- ADD 3-25 SECTION 230000 - HVAC**
Page 95, Article 3.0, ADD the following new article to read as follows:
"3.0 GENERAL
A. Coordinate with Project Phasing Plans to ensure all systems are maintained when the building is in use."

AMENDMENTS TO DRAWINGS

GENERAL

- ADD 3-26 SHEET G0-0-0 – COVER SHEET**
ADD the following line to "LIST OF DRAWINGS" after "A0-0-0 – OVERALL THIRD FLOOR PLAN".
A0-0-4 – OVERALL ROOF PLAN

ARCHITECTURAL

- ADD 3-27 A0-0-4 – OVERALL ROOF PLAN**
ADD attached sheet A0-0-4.
- ADD 3-28 SHEETS AD1-1-1 through AD1-1-5 and AD2-1-1**
REVISE ceilings note CO4 to read:
CO4 NOT USED
- DELETE the following sentence from casework, equipment and accessories note MO2:
Remove sinks as necessary and plumbing in casework.
- REVISE casework, equipment and accessories note M07 to read:
M07 NOT USED
- REVISE casework, equipment and accessories note M08 to read:
M08 NOT USED
- REVISE plumbing fixtures & accessories note P01 to read:
P07 NOT USED
- DELETE the following sentence from Plumbing Fixtures & Accessories note P02:

GEORGETOWN MIDDLE-HIGH SCHOOL RENOVATIONS
GEORGETOWN, MA

Cap plumbing lines back to a point which would not interfere with new work.

- ADD 3-29 SHEET A1-1-6 – ROOF PLAN AREA A**
Refer to RA3-01 for REVISED roof plan notes.
- ADD 3-30 SHEET A6-1-1 – FINISH SCHEDULE (Rooms S1, S2A, S2B, S3, S4 & S5)**
REPLACE remarks sentence “NEW LANDING & STAIR FINISHES AT FIRST FLOOR TO BE GRADE LEVEL AND BELOW” with “NEW LANDING AND STAIR FINISHES TO BE LIMITED TO F.F. OF SECOND LEVEL AND BELOW,”
- ADD 3-31 SHEET A6-2-1 – DOOR AND WINDOW SCHEDULES**
REVISE door 2293.1 material to be **HM**.
- ADD 3-32 SHEET A8-1-4 – THIRD FLOOR REFLECTED CEILING PLAN AREA A**
Refer to RA3-02 for REVISED reflected ceiling plan notes.
- HVAC**
- ADD 3-33 MD1-1-1A2 – HVAC PIPING DEMOLITION PLAN FIRST FLOOR AREA A**
ADD "cut and cap fuel oil piping at wall." Refer to attached sketch RM3-01.
- ADD 3-34 M1-1-1A – HVAC FIRST FLOOR PLAN AREA A**
REVISE Note 8 of Drawing Notes to include cleaning units before reinstallation and replacing controls and providing new isolation valves. Refer to attached sketch RM3-02.
- ADD 3-35 M1-1-1A – HVAC FIRST FLOOR PLAN AREA A**
REVISE RGD tag of return grille serving Teacher's Work Room 1339 to be "F". Refer to attached sketch RM3-02.
- ADD 3-36 M1-1-4A – HVAC ROOF PLAN AREA A**
ADD Note 4 to fan on high roof. Refer to attached sketch RM3-03.
- ELECTRICAL**
- ADD 3-37 E0-0-0 – ELECTRICAL LEGEND AND DRAWING LIST**
REVISE Schedule typographical error. Refer to attached sketch RE3-01.
- ADD 3-38 E0-0-0 – ELECTRICAL LEGEND AND DRAWING LIST**
ADD coordinate note to Fixture Schedule. Refer to attached sketch RE3-02.
- ADD 3-39 E0-0-0 – ELECTRICAL LEGEND AND DRAWING LIST**
ADD clarifications to Mechanical Equipment Schedule notes. Refer to attached sketch RE3-03.
- ADD 3-40 E0-0-0 – ELECTRICAL LEGEND AND DRAWING LIST**
ADD heavy duty Receptacle Legend. Refer to attached sketch RE3-04.
- ADD 3-41 E1-1-1A - FIRST FLOOR LIGHTING PLAN**
REVISE Key Notes and add FP2 fixtures in Room 1120. Refer to attached sketch RE3-05.
- ADD 3-42 E1-1-1A - FIRST FLOOR LIGHTING PLAN**
REVISE fixture designations in Room 1114 and 1115. Refer to attached sketch RE3-23.
- ADD 3-43 E1-1-1A - FIRST FLOOR LIGHTING PLAN**
REVISE fixture designations in Room 1345 and relocate fixtures in Teacher Work Room. Refer to attached sketch RE3-06.
- ADD 3-44 E1-1-2A - SECOND FLOOR AREA A LIGHTING**
REVISE Conference Room and Sped Room lighting. Refer to attached sketch RE3-07.

GEORGETOWN MIDDLE-HIGH SCHOOL RENOVATIONS
GEORGETOWN, MA

- ADD 3-45 E1-1-2C – ELECTRICAL SECOND FLOOR AREA C POWER**
REVISE Gym light locations. Refer to attached sketch RE3-08.
- ADD 3-46 E1-1-3A – THIRD FLOOR AREA A LIGHTING**
REVISE Lighting Plan and Key Notes. Refer to attached sketch RE3-09.
- ADD 3-47 E1-2-1A – FIRST FLOOR AREA A POWER**
REVISE Key Notes. Refer to attached sketch RE3-10.
- ADD 3-48 E1-2-1A – FIRST FLOOR AREA A POWER**
REVISE Key Notes. Refer to attached sketch RE3-11.
- ADD 3-49 E1-2-1A – FIRST FLOOR AREA A POWER**
REVISE circuit number. Refer to attached sketch RE3-12.
- ADD 3-50 E1-2-1A – FIRST FLOOR AREA A POWER**
REVISE circuit numbers. Refer to attached sketch RE3-13.
- ADD 3-51 E1-2-1A – FIRST FLOOR AREA A POWER**
REVISE Arch wall shown in error. Refer to attached sketch RE3-14.
- ADD 3-52 E1-2-1A – FIRST FLOOR AREA A POWER**
ADD Add/ALT note. Refer to attached sketch RE3-15.
- ADD 3-53 E1-2-1A – ELECTRICAL FIRST FLOOR AREA A POWER**
DELETE electrical devices in Project Room. Refer to attached sketch RE3-22.
- ADD 3-54 E1-2-1A – FIRST FLOOR AREA A POWER**
ADD part plan for panel CL-B location. Refer to attached sketch RE3-24.
- ADD 3-55 E1-3-2A – ELECTRICAL SECOND FLOOR AREA A FIRE ALARM**
REVISE Fire Alarm appliance to A/V. Refer to attached sketch RE3-16.
- ADD 3-56 E1-4-4A – ELECTRICAL ROOF PLAN AREA A**
REVISE circuiting of dampers. Refer to attached sketch RE3-17.
- ADD 3-57 E1-4-4A – ELECTRICAL ROOF PLAN AREA A**
REVISE circuiting of dampers. Refer to attached sketch RE3-18.
- ADD 3-58 E1-4-4A – ELECTRICAL ROOF PLAN AREA A**
REVISE circuiting of dampers. Refer to attached sketch RE3-19.
- ADD 3-59 E1-4-4A – ELECTRICAL ROOF PLAN AREA A**
REVISE Key Notes and Power Notes. Refer to attached sketch RE3-20.
- ADD 3-60 E1-4-4BC – ELECTRICAL ROOF PLAN AREAS B AND C**
REVISE Power Notes. Refer to attached sketch RE3-21.
- ADD 3-61 SHEETS E1-4-4A & E1-4-4BC**
REVISE Electrical Mechanical Equipment Note 1 to read:
“Existing roof fan or air cooled condensing unit shall be disconnected and made safe. Maintain existing conduits and associated wiring during roof replacement. Utilize existing conduits and associated wiring for reconnection of existing roof fan or air cooled condensing unit per roof phasing schedule.”

END OF ADDENDUM NO. 3
