



Addendum No.: 4

Date Of Addendum: 09/07/2017

CT DAS • Construction Services • Process Management and Procurement Unit

New Kaiser Hall and Kaiser Hall Renovation
Central Connecticut State University
New Britain, CT
BI – RC – 393

Original Bid Due Date / Time:	09/06/2017	1:00 PM
Revised Bid Due Date / Time:	09/27/2017	1:00 PM

Previous Addendums: Addendum #3 dated August 30, 2017, Addendum #2 dated August 17, 2017,
Addendum #1 dated August 10, 2017

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 04/17/2017. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form.

Failure to acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form shall subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 01:

All bidders who attended the Mandatory Pre-Meeting and have purchased plans and specifications are to pick up new documents (plans and specs) on **September 08, 2017** at Advanced Reprographics, 50 Corporate Avenue, Plainville, CT and must use the new bid proposal in the new spec

Item 02:

The bid due date is extended to **September 27, 2017 @ 1:00 PM.**

Item 03:

The deadline for any RFI is extended to **September 18, 2017 @ 1:00 PM**

Item 04:

No additional site visits will be allowed for this project.

Item 05:

The Owner will not consider new requests for Equals or Substitutions made prior to the receipt of the bid.

Item 06:

All bidders shall disregard the previously issued Plans and Specifications and shall use the new specifications and plans as stated on item 01. Note that all changes in specifications are listed in this addendum and are highlighted in yellow color in the new specifications issued. All changes to the plans listed in this addendum and are bubbled in the respective drawings with the revision date shown in the title block.

Item 07:

Delete specification section 00 21 19 in its entirety and replace with revised specification section 00 41 00.



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Item 08:

NOT USED

Item 09:

In Section 000110 TABLE OF CONTENTS, revise section "00 31 32.13" to "00 31 32.14"
This change is applicable to the Table of Contents in specification volumes 1, 2 and 3.

Item 10:

In Section 000110 TABLE OF CONTENTS, revise section "081110" to "081113"
This change is applicable to the Table of Contents in specification volumes 1, 2 and 3.

Item 11:

In Section 000110 TABLE OF CONTENTS, revise "Reference Standards & Definitions" with:
"Reference Standards and Definitions"
This change is applicable to the Table of Contents in specification volumes 1, 2 and 3.

Item 12:

In Section 000110 TABLE OF CONTENTS, revise "Reference Standards & Definitions" with:
"Reference Standards and Definitions"
This change is applicable to the Table of Contents in specification volumes 1, 2 and 3.

Item 13:

In Section 000110 TABLE OF CONTENTS, add new section "113100 Appliances" with Page Count = 3.
This change is applicable to the Table of Contents in specification volumes 1, 2 and 3.

Item 14:

In Section 003124.13, Paragraph 3B.1, section 1.4, after "material Tested and" insert:
"it is the Contractor's responsibility to have the material"

Item 15:

In Section 003124.13, Paragraph 3B.1, section 1.4, after "suspect material. The" Replace "Owner" with following:
"Contractor"

Item 16:

In Section 012000, Paragraph 1.5C, Section 4E, Item B, Table 1, Replace contents of table with following:

ASBESTOS

a. Pipe Insulation	LF	12	12
b. Floor/Tile/mastic	SF	10	10
c. Wall/ceiling glues (total material only)	SF	10	10
d. Exterior Window glazing	window	125	125
e. Exterior foundation Tar	SF	20	20

PCB



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a. Interior/exterior Caulk	LF	10	10
b. Substrates (brick, CMU, Concrete, sheetrock/plaster)	SF	20	20

Item 17:

In Section 003126.23, Paragraph B.1, Replace section 1.1 with the following add the following:
"As amended"

Item 18:

In Section 013516, Paragraph 3.1.B, section 4, add the following after "April 22, 2008":
"As amended"

Item 19:

In Section 013516, Paragraph 3.1.B, section 5, add the following after "performance of the work":
"If the Contractor should encounter any material suspect or known to contain LBP, they should immediately notify the Construction Administrator of same."

Item 20:

In Section 013516, Paragraph 3.1.C, section 1, Replace "Owner" with "Contractor" and Delete "*This is to be accomplished through a separate project prior to the start of the renovation project. In demolition projects, every attempt should be made by the Owner to remove all ACM.*"

Item 21:

In Section 013516, Paragraph 3.1.C, section 2, delete the following after "material tested":
"and abated"

Item 22:

In Section 013516, Paragraph 3.1.C, section 2, Replace "Owner" with "Contractor" after the following:
"the suspect material. The "

Item 23:

In Section 013516, Paragraph 3.1.D, replace sections 1-3 following:

1. The Contractor is responsible for abating all PCB containing material, DEHP, and mercury prior to the start of any Work involving construction, renovation or demolition (if necessary), unless noted differently below or specified differently elsewhere.
2. Exposure Levels for Products Containing Persistent Bioaccumulative Toxic Chemicals (PBT's) such as PCB's, DEHP, and mercury in the construction industry is regulated by 29CFR1910.1200 and 29CFR1926.28 et. al. The types of PBT materials include fluorescent light fixtures and exit signs, ballasts, high density discharge (HID) lamps, certain types of construction products containing vinyl, and mercury containing electrical switches and thermostats; for the purposes of this paragraph, PCB's in building material such as caulk and glazing or any other type of material not listed above is not applicable to this paragraph. These activities may expose workers in excess of the respective Permissible Exposure Limit (PEL). Conduct demolition and removal Work specified in the technical sections of these specifications in conformance with these regulations. In addition construction debris/waste may be classified as hazardous waste. Disposal of all hazardous materials shall be in accordance with but not limited to applicable provisions of 40CRF Parts 761 Subpart K, 761, and 761.65 and the Connecticut General Hazardous Waste Statute Sec. 22a-454.
3. A Survey for Products Containing Persistent Bioaccumulative Toxic Chemicals (PBT's) such as PCB's,



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DEHP and Mercury has NOT been conducted at the facility. Examples include fluorescent light fixtures & exit signs, ballasts, high density discharge (HID) lamps, certain types of construction products containing vinyl, and mercury containing electrical switches and thermostats; for the purposes of this paragraph, PCB's in building material such as caulk and glazing or any other type of material not listed above is not applicable to this paragraph. It is the Contractor's responsibility to verify all materials and field conditions prior to construction, renovation, and demolition that may affect the performance of their Work.

4. If the Owner has tested for PCB in building material such as caulk and glazing or other types of material, the results are located in [Section 00 30 00 Available Information]; otherwise the Owner assumes such materials do not warrant testing. It is the Owner's responsibility to have the material tested, not the Contractor, subcontractors or anyone working on behalf of the Contractor. In the case where the Owner has a survey of locations with results and if the Contractor should encounter new areas of the subject material already identified by the survey, then he should immediately notify the Construction Administrator of same.

Item 24:

In Section 015000, Paragraph 1.2.D add the following:
"8. Environmental protection."

Item 25:

In Section 015000, Paragraph 3.2.D add the following:
"Heating Equipment Submittal: The submittal is to include a site / building plan locating heating equipment and any hazardous materials, flammable / combustible liquids, material storage stockpiles, and manufacturers' cut sheets and operating instructions for the heating equipment, as well as fire department vehicle access to the hazards."

Item 26:

In Section 015000, Paragraph 3.2.B, 3.2, .1, replace section with the following:

Include plotter paper and ink for duration of project.

Available Products:

1. HP DesignJet T520 36 inch ePrinter
2. Canon imagePROGRAF iPF770 MFP M40
3. Epson SureColor T5200 - 36 inch

Item 27:

In Section 015000, Paragraph 3.4.A add the following:

1. Fire Alarm System: OSFM and CCSU Facilities shall be notified of a shutdown at least 48 hours in advance regardless of the length of the shut down as the Main Kaiser Hall will continue in use during the construction of the addition. Fire Watch procedure shall also be submitted to both parties above at least 48 hours in advance of shut down.

Item 28:

In Section 015639, Replace Paragraph 2.2.E with the following:

Critical Root Zone Protection: Critical root zones shall be protected with 1/2" thick recycled polyethylene mats capable of supporting vehicles and equipment weighing up to 60 tons.

1. Available Product:

- a. AltumaMats, Inc., 701 E. Spring Street, Mailbox #9, Titusville, PA 16354 Phone: 888.544.6287
- b. Checkers Safety Group (TuffTrak Matting), 620 Compton Street, Broomfield, CO 80020 Phone: (800) 438-9336
- c. Presto GeoSystems, 670 N Perkins Street, PO Box 2399, Appleton, Wisconsin 54912 Phone: 800-548-3424 : 920-738-1328



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Item 29:

In Section 015639, Replace Paragraph 2.04.D with the following:

Insecticide shall be EPA approved for the intended use and the names should be provided to, and approved by the Arborist prior to use. Insecticide shall be:

1. Isotox manufactured by Ortho Group, Marysville, OH, 43040 Phone: 888-295-0671
2. Tempo manufactured by Bayer CropScience LP, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709
3. Orthene manufactured by AMVAC, 4100 East Washington Boulevard, Los Angeles, CA 90023 Phone: 888-462-6822

Item 30:

In Section 015639, Paragraph 3.14.A remove the word "Clorox"

Item 31:

In Section 026113, Replace Paragraph 3.1, replace items A & B with the following:

"A. Contaminated Soil shall not be reused on site.

B. Conditional Fill and Clean Fill can be reused on site with respect to chemical characteristics. However, the material may not be suitable from a geotechnical perspective. If that is the case, offsite reuse/disposal of those types of soils will be required.

- Debris content, presence of boulders, or cobbles, and other factors, will affect the acceptability of the material for on- or off-site re-use and at the designated disposal/recycling facility or facilities."

Item 32:

In Section 026113, Paragraph 3.3.F, Replace Section 1 with the following:

1. At SB-7, five soil samples (one sample from each of the four sides of the excavation, and one sample from the bottom of the excavation) shall be analyzed for Total Lead and Synthetic Precipitation Leaching Procedure (SPLP) Lead with a 24-hour turn-around-time.

Item 33:

In Section 026113, Paragraph 3.3.F, Replace Section 2 with the following:

2. At SB-2, five soil samples (one sample from each of the four sides of the excavation, and one sample from the bottom of the excavation) shall be analyzed for Volatile Organic Compounds with a 24-hour turn-around-time.

Item 34:

In Section 026113, Paragraph 3.4, add the following:

F. The Contractor shall provide a letter from the off-site property owner that indicates their prior approval with respect to receiving the Conditional Fill.

Item 35:

In Section 026113, Drawing EV-1.00, On Excavation Details for Contaminated Soil and Polluted Fill Removal table Replace SB-2, SB-7, SB-6, SB-11/SB-10, and SB-4 with the following:

SB-2: Approx. 90 cubic yards: 24 ft (width) x 25 ft (length) x 4 ft (depth);



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- SB-7: Approx. 240 cubic yards: 27 ft (width) x 30 ft (length) x 8 ft (depth);
- SB-6: Approx. 30 cubic yards: 10 ft (width) x 10 ft (length) x 8 ft (depth);
- SB-11/SB-10: Approx. 330 cubic yards: 15 ft (width) x 75 ft (length) x 8 ft (depth);
- SB-4: Approx. 15 cubic yards: 10 ft (width) x 10 ft (length) x 4 ft (depth);

Item 36:

In Section 028100, Paragraph 3.1.B, Replace Section 1 with the following:

1. At SB-7, five soil samples (one sample from each of the four sides of the excavation, and one sample from the bottom of the excavation) shall be analyzed for Total Lead and Synthetic Precipitation Leaching Procedure (SPLP) Lead with a 24-hour turn-around-time.

Item 37:

In Section 028100, Paragraph 3.1.B, Replace Section 2 with the following:

2. At SB-2, five soil samples (one sample from each of the four sides of the excavation, and one sample from the bottom of the excavation) shall be analyzed for Volatile Organic Compounds with a 24-hour turn-around-time.

Item 38:

In Section 033000, Paragraph 1.3.D add the following:

"The submittal is to include a site / building plan locating heating equipment and any hazardous materials, flammable / combustible liquids, material storage stockpiles, and manufacturers' cut sheets and operating instructions for the heating equipment, as well as fire department vehicle access to the hazards."

Item 39:

In Section 033000, Paragraph 2.3.C.1, revise "a. Erico International Corporation; Lenton weldable half couplers (C2 or C3J) or approved equal as determined by Engineer" with:

"a. Erico International Corporation; Lenton weldable half couplers (C2 or C3J)".

Item 40:

In Section 033000, Paragraph 2.3.C.1, add the following:

- "b. Dayton Superior; Taper Lock Weldable Coupler
- c. Barsplice Products, Inc.; Barsplicer Structural Connector, Weldable."

Item 41:

In Section 033000, Paragraph 2.3.C.1, revise "a. Grace Construction Products, W. R. Grace & Co.; DCI-S, or approved equal. " with:

"a. Grace Construction Products, W. R. Grace & Co.; DCI-S Corrosion Inhibitor."

Item 42:

In Section 033100, Paragraph 2.5.C.1 add the following:

- "b. BASF Construction Chemicals; RHEACRETE 222+.
- c. The Euclid Chemical Company; EUCON CIA Corrosion Inhibiting Admixture."

Item 43:

In Section 042000, Paragraph 1.3.G add the following at the end of the sentence:

"The submittal is to include a site / building plan locating heating equipment and any hazardous materials, flammable / combustible liquids, material storage stockpiles, and manufacturers' cut sheets and operating instructions for the heating equipment, as well as fire department vehicle access to the hazards."



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Item 44:

In Section 042000, Paragraph 2.7.D, add following to end of section 1:
“, designed for each masonry exterior wall assembly cavity offset.”

Item 45:

In Section 042000, Paragraph 2.7.D, replace items 2, a and b with the following:

2. Screw-Attached, Masonry-Veneer Anchors: HB-213-HS Brick Veneer Anchoring System with Mighty-Lok Hook by Hohmann & Barnard, Inc. basis of design, consisting of a wire tie and a metal anchor section, or comparable product by Blok-Lok BL-407, or RKL Building Specialties
- a. Anchor Section: Stainless steel L-shaped plate.
 - b. Wire Ties: Rectangular wire ties fabricated from 304 stainless steel wire, sized according to requirements for cavity dimensions shown on the Drawings.

Item 46:

In Section 054000, Paragraph 1.3.B add the following:

5. Design of load path of framing shall be to primary structure. Where framing crosses thermal lines provide thermal break as noted on drawings. Calculations shall consider eccentricity caused by thermal break.
6. Coordinate design with reactions provided by adjacent delegated design packages.

Item 47:

In Section 054000, Paragraph 2.6 add the following:

- E. Structural Thermal Break Material: Reinforced thermoset resin with the following attributes:
1. Compressive Strength: ASTM D638 40,000 psi.
 2. Compressive Modulus: ASTM D695 673,400 psi.
 3. Shear Strength: ASTM D732 16,000 psi.
 4. Thermal Conductivity: ASTM C518 1.05 BTU in/ hr sf degree F.
 5. Coefficient of Thermal Expansion: ASTM E831 2.2×10^{-6} in/in/degree F.
 6. Thermal Resistance (R value): ASTM C518 0.95 hr sf degree F/ BTU.
 7. Surface Burning Characteristics: ASTM E84.
 - a. Flame Spread: 25 (class A).
 - b. Smoke Developed: 50 (class A)
 - c. Accessories: As recommended by manufacturer, bushings and washers as applicable to location.
 8. Thickness: As indicated on the Drawings.
 9. Acceptable Manufacturers: Fabreeka, Farrat, Armadillo
 10. Support thermal break material along each edge with cold formed metal framing.

Item 48:

In Section 055000, Paragraph 2.10.B after “ Perimerprime at 3.0 mils” remove the following:
“or approved equal”

Item 49:

In Section 070150, Paragraph 1.4.C add the following at the end of the sentence:
“with FM Global modifications.”



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Item 50:

In Section 072700, Paragraph 2.1 add the following:

B. Self-Adhered Vapor Permeable Air Barrier Membrane:

1. Subject to compliance with requirements, provide one of the following:
 - a. GCP Applied Technologies, Perm-A-Barrier VPS, basis-of-design.
 - b. Henry Blueskin
 - c. Carlisle Fire Resist
2. Physical and Performance Properties:
 - a. Water Vapor Permeance, ASTM E96: Not less than 15 perms.
 - b. Air Permeance: Not to exceed 0.004 cfm/sq. ft. of surface area at 1.57-lbf/sq. ft. pressure difference; ASTM E 2178.
 - c. Assembly Air Permeance, ASTM E2357: Not to exceed 0.04 cfm/sq.ft. under a pressure differential of 0.3 in. water (1.57 psf) (equal to 0.2 L/sq.m @ 75 Pa)
 - d. UV Exposure Limit: Not more than 150 calendar days.
 - e. Water Penetration Resistance Around Nails, ASTM D1970 Modified: Pass.
 - f. Fire Propagation Characteristics: Passes NFPA 285 testing as part of an approved assembly

Item 51:

In Section 072700, Paragraph 2.3.L, Section 1, Item D, remove the following:
": approved Equal"

Item 52:

In Section 074200, Paragraph 1.2.A.1 add the following at the end of the sentence:
"and thermally broken framing support system."

Item 53:

In Section 074200, Paragraph 1.3.A add the following after the word "assembly":
"and thermally broken framing support system"

Item 54:

In Section 074200, Paragraph 1.3.B add the following after the first instance of the word "assemblies":
"and thermally broken framing support system"

Item 55:

In Section 074200, Paragraph 1.3.C add the following:
"3. Coordinate reactions with adjacent delegated design packages to insure a load path to the primary structure."

Item 56:

In Section 074200, Paragraph 1.3.C add the following after the word "assemblies":
"and thermally broken framing support system"

Item 57:

In Section 074200, Paragraph 1.3.C2 add the following after the word "assemblies":
"and thermally broken framing support system"

Item 58:

In Section 074200, Paragraph 1.3.C add the following:



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3. Coordinate reactions with adjacent delegated design packages to insure a load path to the primary structure.

Item 59:

In Section 074200, Paragraph 1.4.C add the following after the word "assembly":
"and thermally broken framing support system"

Item 60:

In Section 074200, Paragraph 2.2.E, replace "or approved equal" with:
"H-O Products Corporation"

Item 61:

In Section 074200, Paragraph 2.5.E, replace section 1 with the following:
"1. Weeps: Provide 1/4 inch Wide 1 inch long weep at 24 inches maximum on center. Balance locations across trim. "

Item 62:

In Section 074200, Paragraph 3.4 add the following after the word "PANEL" in the title:
"and thermally broken framing support system"

Item 63:

In Section 084110, Paragraph 1.3.C add the following at the end of the sentence:
"or FM Global requirements."

Item 64:

In Section 092110, Paragraph 1.5.C, after "recycled" remove the following:
" by Gypsum Recycling America LLC or approved equal."

Item 65:

In Section 093000, Replace paragraph 2.1.A with the following:
"A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include the following: Stone Source Refin Ceramiche Cromie Polvere, Cercom Ceramiche Genesis Loft, Mosa Tile Terra Greys. Provide tiles as indicated on the Finish and Color Schedule.
1. Stair Treads: Provide specifically manufactured units with factory fabricated thickened nosing profiled laminated to mitered edge of tread. Provide embedded traction strip by Amstep Model 210A, American Safety Tread CO. Model 9311, Wooster Products Inc. Model 121BF. Abrasive filler color to be selected by Architect."

Item 66:

In Section 093000, Paragraph 2.1.N.1, replace section 1 with the following:
"1. Available Product: Laticrete SpectraLock Pro Grout, MAPEI Kerapoxy, Custom Building Products CEG_Lite"

Item 67:

In Section 095100, Paragraph 2.3.B.2, replace section 2 with the following:
2. CertainTeed Ceilings; Cloud Perimeter Trim.

Item 68:

In Section 096510, Paragraph 2.3 RESILIENT STAIR ACCESSORIES, renumber to 2.4 RESILIENT STAIR ACCESSORIES.



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Item 69:

In Section 096510, Paragraph 2.4 RESILIENT MOLDING ACCESSORY, renumber to 2.5 RESILIENT MOLDING ACCESSORY.

Item 70:

In Section 096510, Paragraph 2.5 INSTALLATION MATERIALS , renumber to 2.6 INSTALLATION MATERIALS.

Item 71:

In Section 096510, Insert Paragraph 2.3 VENTED RESILIENT WALL BASE:

2.3 VENTED RESILIENT WALL BASE

- A. Vented resilient wall base to meet performance requirements of ASTM F-186.
- B. Type (Material Requirement): TS (rubber, vulcanized thermoset)
- C. Shape: coved, vented along the back side of wall base to ensure proper air circulation under the floor and permit free expansion of floor.
- D. Height: 4 inches, .125 inch minimum thickness.
- E. Toe: 3 inches, .375 inch minimum thickness.
- F. Lengths: Cut lengths 48 inches long or coils in manufacturer's standard length.
- G. Vents: 15 per 4 ft. length minimum.
- H. Outside Corners: Premolded.
- I. Inside Corners: Premolded.
- J. Surface: Smooth.

Item 72:

In Section 096560, Paragraph 2.1.A replace items 1 & 2 with the following:

- “1. Resilient Athletic Flooring: Pad and Pour: Pulastic 110 Comfort as manufactured by Eco Robbins Sports Surfaces, Polytruf Plus as manufactured by Tarkett Sports, or Elastiplus as manufactured by Connor Sports.
- 2. Resilient Athletic Flooring: Tile: Triumph Tile as manufactured by Johnsonite division of Tarkett, Sport Impact as manufactured by Mondo Rubber International, Inc., or Galaxy Fit as manufactured by Robbin Sports Surfaces.”

Item 73:

In Section 096560, Paragraph 2.2.A replace “Pad and pour resilient athletic flooring shall be Pulastic 110 Comfort

Eco as manufactured by Robbins Sports Surfaces” with:
“Pad and pour resilient athletic flooring”

Item 74:

In Section 096560, Paragraph 2.3.A replace “Tile resilient athletic flooring shall be Triumph Tile as manufactured by Johnsonite division of Tarkett.” with:

“Tile resilient athletic flooring”

Item 75:

In Section 096710, Paragraph 2.2.A replace items “1 & 2” with the following:

- “1. Basis-of-Design Product: Subject to compliance with requirements, provide Dur-A-Flex Dur-A-Quartz.
- 2. Comparable Products: Stonhard Stonshield SLT 2mm, Dex-o-Tex Decor-Flor.”

Item 76:

In Section 096810, Paragraph 2.1.A replace “Provide carpet tile as indicated on the Finish and Color Schedule and as approved by the Architect, and as follows:” with:

“Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include the following: Shaw Contract Folded Tile 5t060, Bentley Mills Arcade Legend, Mohawk Hyper Earth”

Item 77:



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In Section 096810, Paragraph 2.1.A.1, replace "Shaw Contract "Folded Tile", product number 5T060" with:
"Basis-of-Design, Size, Styles, and Colors: As indicated on the Finish and Color Schedule."

Item 78:

In Section 096810, Paragraph 2.1.A.13, replace "Thermoplastic polyolefin with fiberglass reinforcing, basis-of-design Shaw Contract "Ecoworx" tile." with:
"Thermoplastic polyolefin with fiberglass reinforcing."

Item 79:

In Section 101100, Paragraph 2.1.A.1, replace items "a, b, c" with the following:
a. Forbo Industries; Bulletin Board.
b. Koroseal WallTalkers; Tac-wall.
c. Peter Pepper; ColorCork"

Item 80:

In Section 101400, Paragraph 1.2, add the following after item 1:
"2. Fabricated signage"

Item 81:

In Section 101400, Paragraph 2.2 ACCESSORIES, renumber to 2.3 ACCESSORIES.

Item 82:

In Section 101400, insert Paragraph 2.2 FABRICATED LETTERS:
"2.2 FABRICATED LETTERS

A. Material: Stainless Steel Alloy #316 (marine grade).

B. Design:

1. Letter mounted to corrugated metal panels shall be set in Helvetica Neue Medium, title case and shall be 10" tall and 2" deep based on the Capital Letter "E". Letters Mounted to flat metal panels shall be set in Helvetica Neue Medium, title case and 8" tall and 1.5" deep.

2. Fabricated letters shall have a satin#4 vertical grain finish on face and returns.

C. Fabrication:

1. Fabricated letters shall be between .080 inch to 0.125 inch (2 mm to 3 mm) thick with returns typically .063 (1.5 mm) thick.

2. Precision-guided lasers, routers or jigsaw for cut letters, logos or shapes are acceptable.
3. Letter returns shall be cut to size based on the desired letter depth and bent to the contour of the cut faces to produce a hollow-backed letter with 90 degree angle edges and hand soldered using a lead-free silver solder.

4. Welds shall be tested to withstand temperatures below -40 degree F (-38 degree C) and exceeding 350 degree F (177 degree C).

5. The edges of faces on letters and logos with thin lines of exposed stainless steel shall be buffed smooth on polished letters, or stroke sanded on satin letters to maintain consistency in appearance.

D. Illumination: Backlit Fabricated with LEDs.

1. Mounting shall be Lexan back with removable can.

2. Inside of cans shall be primed and painted gloss white.

3. Lexan Back Fabrication:

a. Lexan backs shall be laser cut to fit within back of letter - recessed approx. 1/4 inch (6 mm), and shall receive 0.118 inch (3 mm) thick clear Lexan.

b. Lexan backs shall be secured to cans with custom L-brackets and stainless steel machine screws.

c. Power supply wire holes shall be drilled through Lexan backs at 1/4 inch (6 mm) diameter.

4. LED Mounting:

a. LED shall be positioned on Lexan back for proper halo lighting.



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- b. LEDs shall be secured to inside of Lexan backs with LED manufacturer's double face tape.
 - c. Every other module shall be additionally secured to Lexan back using custom plastic brackets.
 - d. End LED module wires shall be capped with end cap.
5. Wiring:
- a. Wiring components shall be UL approved components.
 - b. Power supply wire shall be run through Lexan back hole and secured to first module with UL approved wire nuts.
 - c. Wiring shall be performed by a licensed electrical contractor.
 - d. LEDs shall be powered by 12V power supply in accordance with LED manufacturer's requirements.
6. Hardware:
- a. Letters to stand off from wall to achieve desired halo effect.
 - b. Stainless steel studs provided threaded into custom mounting brackets - through Lexan back.
 - 1) 6 inches (152 mm) up to 24 inches (610 mm) high letters - 10/24 Stainless Steel studs.
 - c. Spacer Sleeves: Provided per stand-off requirements.
- E. Mounting:
- 1. Mounting shall be templated designating stud locations required for mounting on substrate surface as indicated.
 - 2. Brackets shall be soldered on the inside of the letters to receive threaded studs.
 - 3. Fabricator to specify and supply all rigid waterproof blocking at each location where signage is mounted to panel.
 - 4. Fabricator is responsible for sealing all penetrations through any panel water tight, with silicone caulk or equivalent.
 - 5. Fabricator is responsible to coordinate location of all required transformers, with design team and owner.

Item 83:

Insert new specification Section 113100 - APPLIANCES

Item 84:

In Section 116620, Paragraph 2.1.A, replace items 1 & 2 with the following:
"1. Basketball, batting cages, wall and column padding, tennis, and volleyball equipment: Porter Athletic Equipment Company (Porter), Draper Incorporated (Draper), GARED, or Spalding Sports Equipment (Spalding).
2. Ballet barres: Dance Equipment International, American Harlequin Corporation, Vita Vibe Incorporated."

Item 85:

In Section 116620, Paragraph 2.5.A, replace "Porter Athletic Equipment Company (Porter), or approved equal." with:
"Porter, GARED, Spalding."

Item 86:

In Section 116620, Paragraph 2.5.C, add the following after "B-900-506":
", GARED 1131 Manual Adjust-A-Goal Height Adjuster, Spalding Helix™ Height Adjuster"

Item 87:

In Section 116620, Paragraph 2.5.D, add the following after "aluminum frame, ":
"GARED model LXP4200CD, Spalding model 413-011"



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Item 88:

In Section 116620, Paragraph 2.5.E, add the following after "00326-000":
", GARED Pro-Mold® Backboard Padding, Spalding E-Z Bolt Padding"

Item 89:

In Section 116620, Paragraph 2.5.F, add the following after "Torq-Flex":
", Gared model 4000l, Spalding Slam-Dunk® Precision 180 Goal"

Item 90:

In Section 116620, Paragraph 2.5.G, add the following after "remote control electric winch,"
", GARED model 1194; Electric Hoist with Key Switch, spalding model 402-742 LynRus QR4000 Electric Winch."

Item 91:

In Section 116620, Paragraph 2.5.H, add the following after "E-791":
", GARED model TSC2000, Spalding Model 402-980."

Item 92:

In Section 116620, Paragraph 2.5.I, add the following after "basketball safety lock"
", GARED model 1100, Spalding model 402-865"

Item 93:

In Section 116620, Paragraph 2.6A, insert the following after the phrase "Athletic Equipment model 90920":
", GARED model 4081-70, Spalding model 417-278"

Item 94:

In Section 116620, Paragraph 2.6G, insert the following after the phrase "E-791,"
"GARED model TSC2000, Spalding Model 402-980"

Item 95:

In Section 116620, Paragraph 2.7. add the following after "Dance Equipment International":
", American Harlequin Corporation, Vita Vibe Incorporated."

Item 96:

In Section 116620, Paragraph 2.8A, replace "Provide wall padding equal to model 00570 SuperSafe FR series as manufactured by Porter Athletic Equipment Company." with:
"Provide wall padding, available products , Porter model 00570 SuperSafe FR series, GARED Model 4130 Wall Pad with Neoprene Class A Foam, Spalding Class A Fire Wall Pads."

Item 97:

In Section 116620, Paragraph 2.8A, add line the following:
"11. Panels shall comply with ASTM E84 or NFPA 255."

Item 98:

In Section 116620, Paragraph 2.8A4, remove the following:
"NFPA 701, and"

Item 99:

In Section 116620, Paragraph 2.9A, replace "Provide at each tennis court tennis nets, standards, and floor sleeves equal to model 02991-340 (net), 00947-000 (posts/standards), 00870-100 (floor sleeves) all as manufactured by Porter Athletic Equipment Company" with:
"Provide at each tennis court tennis nets, standards, and floor sleeves. Available products Porter models 02991-340 (net), 00947-000 (posts/standards), 00870-100 (floor sleeves), GARED models GSTNET 30 LS (net), 6450 (posts/standards), 6450N (floor sleeves), Draper Incorporated Models 502110 (Net), 502106 (posts/standards), 505324 (floor sleeves), 502112 (Anchor), 502111 (Center Strap)."



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Item 100:

In Section 116620, Paragraph 2.10A, replace "Provide at each volleyball court volleyball nets, standards, padding, and floor sleeves equal to model V-2255 (net), V-1971 (post/standards), 00870-100 (floor sleeves), and 8390 (padding), all as manufactured by Porter Athletic Equipment Company" with:
"Provide at each volleyball court volleyball nets, standards, padding, and floor sleeves equal to model V-2255 (net), V-1971 (post/standards), 00870-100 (floor sleeves), and 8390 (padding), all as manufactured by Porter Athletic Equipment Company"

Item 101:

In Section 116650, Paragraph 2.1.A, replace "Draper Inc., or Performance Sports Systems Inc" with:
"Porter Athletic Equipment Company (Porter), Draper Incorporated (Draper), GARED"

Item 102:

In Section 116650, Paragraph 2.5.A, replace "Provide overhead supported center roll-up gymnasium dividers and related accessories as manufactured by Porter Athletic Equipment Company (Porter). Provide Porter Model No. 90208500 – Center Roll Gymnasium Divider Curtain" with:
"Provide overhead supported center roll-up gymnasium dividers and related accessories as manufactured by Porter model 90208500 Center Roll Gymnasium Divider Curtain, GARED model 4030 Roll-Up Gym Divider Curtain, Draper model Roll-Up Gym Divider Curtain,"

Item 103:

In Section 116650, Paragraph 2.5.B, insert the following after "E-791":
"GARED model TSC2000, Spalding Model 402-980."

Item 104:

In Section 126100, Paragraph 2.1.A.1-4, replace existing text with the following:
"1. KI
2. Hussey Seating Company
3. Irwin Seating Company"

Item 105:

In Section 126100, Paragraph 2.2.B, replace "through 25 degrees on 34 inch back height" with the following:
"through 9 degrees on 15 inch back height"

Item 106:

In Section 129300, Paragraph 2.3.A, replace existing text with the following:
"A. Bicycle rack shall be one of the following:
1. "Key" Bike Rack, manufactured by Landscape Forms, Inc., 431 Lawndale Avenue Kalamazoo, Michigan 49048
a. Mounting: Embedded per manufacturer's instructions.
b. Finish Color: Black.
2. Cordia Bike Rack, manufactured by Forms + Surfaces, 1025 N 71st Avenue, Phoenix, AZ 85043 800.451.0410 F 623.594.6312
A. Mounting: Surface per manufacturer's instructions.
B. Finish/Color: Black Powdercoat texture
3. SCBR1600 Series Bicycle Rack, manufactured by Maglin Corporation, 999 18th Street, Suite 3000 Denver, CO 80202
A. Mounting: Surface per manufacturer's instructions.
B. Finish/Color: Black Powdercoat Fine texture"

Item 107:

In Section 129300, Paragraph 2.5.A, replace existing text with the following:



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"A. Bicycle rack shall be one of the following:

1. The "Socrates" Bench, manufactured by Landscape Forms, Inc., 431 Lawndale Avenue Kalamazoo, Michigan 49048
 - a. Mounting: Per Manufacturer's instructions
 - b. Finish: Grey.
2. The modified TF5117 bench to 96" length, manufactured by Wausau, PO Box 1520, Wausau, WI 54402
 - a. Mounting: Per Manufacturer's instructions.
 - b. Finish: A23 Gray.
3. The "Shear Bench without back manufactured by QCP, 731 Parkridge Avenue | Norco, CA 92860
 - a. Mounting: Per Manufacturer's instructions.
 - b. Finish: Argent White."

Item 108:

In Section 129300, Paragraph 2.6.A, replace existing text with the following:

"A. Trash and Recycling receptacles shall be one of the following sets:

1. "DuMor 84-32" manufactured by DuMor P.O. Box 142, Mifflintown, PA 17059
 - a. Mounting: Per Manufacturer's instructions
 - b. Finish: Polyester powder finish - Black.
 - c. Liner: 32-gallon plastic
 - d. Cover: Spun 14 gauge steel with vinyl coated cable
2. "Chase Park" Litter Receptacle manufactured by Landscape Forms, Inc., 431 Lawndale Avenue Kalamazoo, Michigan 49048
 - a. Mounting: Per Manufacturer's instructions.
 - b. Finish: Pangard II Black
 - c. Type: Side-opening, dual use unit
3. "SDC-36" Receptacle manufactured by Victor Stanley, 2103 Brickhouse Rd, Dunkirk, MD 20754
 - a. Mounting: Per Manufacturer's instructions.
 - b. Finish: Black Powdercoat finish
 - c. Liner: 36-gallon plastic
 - d. Opening: Side-door opening"

Item 109:

In Section 129300, Paragraph 2.7.A, replace "Metal fence at gas meter shall be CCSU Campus Standard "Saybrook Collection SI-4 Ornamental aluminum fencing" manufactured by Specrail, 129 Leederhill Drive, Hamden CT 06517 or approved equal." with the following: "Metal fence at gas meter shall be ornamental aluminum fencing."

Item 110:

In Section 142100, Paragraph 1.8.A.1 replace existing text with the following:
"Warranty Period: 18-months from date of Substantial Completion."

Item 111:

In Section 221316, Paragraph 3.8.D, delete items 4, 5 & 6.

Item 112:

In Section 260526, Paragraph 3.2.C.1, change "6 inches" with "96 inches".



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Item 113:

In Section 262726, Paragraph 2.6.B, add the following:

"4. Two Pole:

a. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

- 1) Cooper - AH1222.
- 2) Hubbell - 1222.
- 3) Leviton - 1222-S.
- 4) Pass & Seymour - CS20AC."

Item 114:

In Section 274100, Paragraph 2.2.C.1.a, revise as follows:

Revise "2) Approved Equal" with "2) Liberty 14-2C-TTP"

Add "3) C2G 430XX"

Item 115:

In Section 283111, Paragraph 1.11.A, revise items 1, 2 & 3 with:

"1. Notify the Office of the State Fire Marshall as the Authority Having Jurisdiction.

2. Notify Architect, Construction Manager and Owner and AHJ no fewer than seven days in advance of proposed interruption of fire-alarm service.

3. Do not proceed with interruption of fire-alarm service without Architect's, Construction Manager's and Owner's and AHJ written permission."

Item 116:

In Section 312005, Paragraph 2.1.A, revise as follows:

In Article A delete the following: ", or 4) approved equal."

In Article B delete the following: ", or 4) approved equal."

In Article C delete the following: ", or 4) approved equal."

Item 117:

In Section 312005, Paragraph 2.11, revise as follows:

In Article A delete the following: ", or engineer approved equal."

Item 118:

In Section 334100, Paragraph 1.4, add the following:

"C. Stormwater Infiltration Structure System Contractor Delegated Design: System shall be designed based on the selected manufacturer to meet the storage requirements and pipe inverts shown on the contract documents. System design shall include, but not limited to, design calculations, plans, elevations, sections, details, frames, covers, number and size of chambers, distribution piping, end plates, header manifolds, inspection ports, isolator rows, risers, installation requirements and all other system components required for a complete system with a total minimum system storage capacity as indicated on the contract documents."

Item 119:

In Section 334100, Paragraph 2.11.A, revise as follows:

In Article 1, delete the following: "Engineer approved"

In Article 1, add the following at the end of the Article: "Comparable products shall fit within the project site constraints."

In Article 2, delete the following: "e. StormTech LLC."

DRAWINGS



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Item 120:

Drawing C2-00, see Item 01.

Item 121:

Drawing C3-00, see Item 01.

Item 122:

Drawing C3-01, see Item 01.

Item 123:

Drawing C8-01, see Item 01.

Item 124:

Sheet 00-01, see Item 01.

Item 125:

Sheet A0-01, see Item 01.

Item 126:

Sheet A0-02, see Item 01.

Item 127:

Sheet A0-05, see Item 01.

Item 128:

Sheet A0-06, see Item 01.

Item 129:

Sheet A0-10, see Item 01.

Item 130:

Sheet A0-11, see Item 01.

Item 131:

Sheet A0-12A, see Item 01.

Item 132:

Sheet A0-12B, see Item 01.

Item 133:

Sheet A0-13A, see Item 01.



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Item 134:

Sheet A0-13B, see Item 01.

Item 135:

Sheet A0-14, see Item 01.

Item 136:

Sheet A0-30, see Item 01.

Item 137:

Sheet A1-01A, see Item 01.

Item 138:

Sheet A1-01B, see Item 01.

Item 139:

Sheet A1-11A, see Item 01.

Item 140:

Sheet A1-12A, see Item 01.

Item 141:

Sheet A1-12B, see Item 01.

Item 142:

Sheet A1-24, see Item 01.

Item 143:

Sheet A2-11, see Item 01.

Item 144:

Sheet A2-21, see Item 01.

Item 145:

Sheet A2-22, see Item 01.

Item 146:

Sheet A2-23, see Item 01.

Item 147:

Sheet A2-24, see Item 01.

Item 148:

Sheet A3-21, see Item 01.



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Item 149:

Sheet A3-22, see Item 01.

Item 150:

Sheet A3-23, see Item 01.

Item 151:

Sheet A3-24, see Item 01.

Item 152:

Sheet A3-25, see Item 01.

Item 153:

Sheet A4-00, add. See item 01.

Item 154:

Sheet A4-01, see Item 01.

Item 155:

Sheet A4-11, see Item 01.

Item 156:

Sheet A4-12, see Item 01.

Item 157:

Sheet A4-21, see Item 01.

Item 158:

Sheet A4-22, revise sheet name to A4-23.

Item 159:

Sheet A4-22, insert sheet after sheet A4-21. See item 01.

Item 160:

Sheet A4-23, see Item 01.

Item 161:

Sheet A4-31, see Item 01.

Item 162:

Sheet A4-32, see Item 01.



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Item 163:

Sheet A5-02, see Item 01.

Item 164:

Sheet A5-03, see Item 01.

Item 165:

Sheet A5-31, see Item 01.

Item 166:

Sheet A5-41, see Item 01.

Item 167:

Sheet A5-42, see Item 01.

Item 168:

Sheet A6-12, see Item 01.

Item 169:

Sheet A6-14, see Item 01.

Item 170:

Sheet A7-11, see Item 01.

Item 171:

Sheet A7-13, see Item 01.

Item 172:

Sheet A7-14, see Item 01.

Item 173:

Sheet A7-21, see Item 01.

Item 174:

Sheet GR-00A, see Item 01.

Item 175:

Sheet GR-01A, see Item 01.

Item 176:

Sheet GR-01B, see Item 01.

Item 177:

Sheet GR-02A, see Item 01.



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Item 178:

Sheet GR-02B, see Item 01.

Item 179:

Sheet GR-21, see Item 01.

Item 180:

Sheet GR-31, see Item 01.

Item 181:

Drawing S0-01, see Item 01.

Item 182:

Drawing SD3-00, see Item 01.

Item 183:

Drawing S1-01A, see Item 01.

Item 184:

Drawing S1-01B, see Item 01.

Item 185:

Drawing S2-00A, see Item 01.

Item 186:

Drawing S2-00B, see Item 01.

Item 187:

Drawing S2-01A, see Item 01.

Item 188:

Drawing S2-01B, see Item 01.

Item 189:

Drawing S2-02A, see Item 01.

Item 190:

Drawing S3-00, see Item 01.

Item 191:

Drawing S3-02, see Item 01.

Item 192:



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Drawing S3-03, see Item 01.

Item 193:

Drawing S3-04, see Item 01.

Item 194:

Drawing S3-06, see Item 01.

Item 195:

Drawing S3-07, see Item 01.

Item 196:

Drawing S4-00, see Item 01.

Item 197:

Drawing S4-01, see Item 01.

Item 198:

Drawing S4-02, see Item 01.

Item 199:

Drawing S4-03, see Item 01.

Item 200:

Drawing S4-04, see Item 01.

Item 201:

Drawing S4-05, see Item 01.

Item 202:

Drawing S4-06, see Item 01..

Item 203:

Drawing S4-07, see Item 01.

Item 204:

Drawing S4-08, see Item 01.

Item 205:

Drawing S4-10, see Item 01.

Item 206:

Drawing S4-11, see Item 01.



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Item 207:

Drawing S4-13, see Item 01.

Item 208:

Drawing S4-14, see Item 01.

Item 209:

Drawing S8-00, Add sheet. See Item 01.

Item 210:

Drawing PFP-001, see Item 01.

Item 211:

Drawing PFP-00, see Item 01.

Item 212:

Drawing H-001, see Item 01.

Item 213:

Drawing H-002, see Item 01.

Item 214:

Drawing E-001, see Item 01.

Item 215:

Drawing E-002, see Item 01.

Item 216:

Drawing EL-00, see Item 01.

Item 217:

Drawing EL-01, see Item 01.

Item 218:

Drawing EL-02, see Item 01.

Item 219:

Drawing EL-03, see Item 01.

Item 220:

Drawing ES-00, see Item 01.



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Item 221:

Drawing E-302, see Item 01.

Item 222:

Drawing E-400, see Item 01.

Item 223:

Drawing E-401, see Item 01.

Item 224:

Drawing E-500, see Item 01.

Item 225:

Drawing T-000, see Item 01.

Item 226:

In Appendix B, Drawing EV-1.00, On Excavation Details for Contaminated Soil and Polluted Fill Removal table Replace SB-2, SB-7, SB-6, SB-11/SB-10, and SB-4 with the following:

SB-2: Approx. 90 cubic yards: 24 ft (width) x 25 ft (length) x 4 ft (depth);
SB-7: Approx. 240 cubic yards: 27 ft (width) x 30 ft (length) x 8 ft (depth);
SB-6: Approx. 30 cubic yards: 10 ft (width) x 10 ft (length) x 8 ft (depth);
SB-11/SB-10: Approx. 330 cubic yards: 15 ft (width) x 75 ft (length) x 8 ft (depth);
SB-4: Approx. 15 cubic yards: 10 ft (width) x 10 ft (length) x 4 ft (depth)

Item 227:

In Section 000115 LIST OF DRAWINGS, revise Sheet No. as follows.
These changes are applicable to the Table of Contents in specification volumes 1, 2 and 3.

<u>SHEET NO.</u>	<u>REVISED SHEET NO.</u>
EXC-01	Revise "EXC-01" with "EXC-1"
EXC-02	Revise "EXC-02" with "EXC-1"
EXC-03	Revise "EXC-03" with "EXC-1"
LS-03	Revise "L3-01" with "LS-03"

Item 228:

In Section 000115 LIST OF DRAWINGS, revise "A4-22" with "A4-23".

Item 229:

In Section 000115 LIST OF DRAWINGS, add the following sheets as follows.
These changes are applicable to the Table of Contents in specification volumes 1, 2 and 3.

<u>SHEET NO.</u>	<u>SHEET NAME</u>
A4-00	TYPICAL DETAILS
A4-22	MEMBRANE TERMINATION DETAILS
S8-00	MOCK-UP PLAN & DETAILS



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Item 230:

In Section 000110 TABLE OF CONTENTS, revise Page Count as follows.
These changes are applicable to the Table of Contents in specification volumes 1, 2 and 3.

<u>SECTION NUMBER</u>	<u>PAGE COUNT</u>
01 91 00	Revise "56" with "55"
064020	Revise "13" with "12"
066000	Revise "5" with "4"
096560	Revise "6" with "8"
101400	Revise "3" with "4"
129300	Revise "5" with "6"
211313	Revise "15" with "14"
221119	Revise "11" with "10"
230593	Revise "20" with "19"
231123	Revise "17" with "16"
232113	Revise "19" with "18"
235216	Revise "8" with "7"
238213	Revise "4" with "3"
274100	Revise "14" with "15"
312000	Revise "25" with "24"
323113	Revise "9" with "8"

ITEM 231:	ADD:	The following New Subsection C to Section 00 31 24.13 Soil Contamination Report: (Yellow highlighted blue text is new text.)
		<p>C. Estimated Quantities of Contaminated Soil and Conditional Soil:</p> <p>1.1 "Estimated Quantities" of Contaminated Soil and Conditional Soil are shown on Drawing EV - 1.00 Limits of Contaminated Soil and Conditional Soil.</p> <p>1.2 The "Estimated Quantities" of Contaminated soil and Conditional Soil shall be included in the "Proposed Contract Price" in Section 00 41 00 Bid Proposal Form.</p> <p>1.3 Only Contaminated Soil and Conditional Soil for which manifest copies are returned to the Owner by the Contractor and Disposal Facility will be authorized for payment. If the Owner is fined or penalized as a result of the Contractor's performance or lack thereof, in addition to other remedies the Owner may possess, said fine or penalty will be deducted from monies due the Contractor.</p>
ITEM 232:	DELETE:	Subsection 1.1 from Subsection 1. Work Involving Asbestos Containing Material (ACM) Section for 00 31 24.23 General Survey For Asbestos Containing Material (ACM) and Lead Paint it its entirety.
		<p>The following New Subsection 1.1 to Subsection 1. Work Involving Asbestos Containing Material (ACM) of Section 00 31 26.23 General Survey For Asbestos Containing Material (ACM) and Lead Paint: (Yellow highlighted blue text is new text.)</p> <p>1.1 The Contractor is responsible for abating all ACM that is visible and accessible.</p>



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ITEM 233:	ADD:	The following New Subsection C to Section 00 31 26.23 General Survey For Asbestos Containing Material (ACM) and Lead Paint: (Yellow highlighted blue text is new text.)
		<p>C. Estimated Quantities of Asbestos Containing Material (ACM):</p> <p>1.1 "Estimated Quantities" of Asbestos Containing Material (ACM) are shown on in Subsections 1.4 through 1.9 of subsection 1. Work Involving Asbestos Containing Material (ACM).</p> <p>1.2 The "Estimated Quantities" of Asbestos Containing Material (ACM) shall be included in the "Proposed Contract Price" in Section 00 41 00 Bid Proposal Form.</p> <p>1.3 The Unit Prices for the remediation (including the cost of all labor, materials, equipment) and disposal of additional Asbestos Containing Material (ACM) above the "Estimated Quantities" are in Section 01 20 00 Contract Considerations.</p> <p>1.4 Only Asbestos Containing Material (ACM) for which manifest copies are returned to the Owner by the Contractor and Disposal Facility will be authorized for payment. If the Owner is fined or penalized as a result of the Contractor's performance or lack thereof, in addition to other remedies the Owner may possess, said fine or penalty will be deducted from monies due the Contractor.</p>
ITEM 234:	ADD:	The following New Subsection D to Section 00 31 26.23 General Survey For Asbestos Containing Material (ACM) and Lead Paint: (Yellow highlighted blue text is new text.)a
		<p>D. Estimated Quantities of Lead Containing Materials:</p> <p>1.1 "Estimated Quantities" of Lead Containing Materials are shown on Drawing ACM-01 ACM Locations Ground Floor in the Drawing Appendix and in Appendix F as stated in subsection 2.4 of Subsection 2. Work Involving Lead Containing Materials.</p> <p>1.2 The "Estimated Quantities" of Lead Containing Materials shall be included in the "Proposed Contract Price" in Section 00 41 00 Bid Proposal Form.</p> <p>1.3 The Unit Prices for the remediation (including the cost of all labor, materials, equipment) and disposal of additional Lead Containing Materials above the "Estimated Quantities" are in Section 01 20 00 Contract Considerations.</p> <p>1.4 Only Lead Containing Materials for which manifest copies are returned to the Owner by the Contractor and Disposal Facility will be authorized for payment. If the Owner is fined or penalized as a result of the Contractor's performance or lack thereof, in addition to other remedies the Owner may possess, said fine or penalty will be deducted from monies due the Contractor.</p>
ITEM 235:	ADD:	The following New Subsection C. To Section 00 31 26.29 Existing Polychlorinated Biphenyl (PCB) Information: (Yellow highlighted blue text is new text.)



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- C. Estimated Quantities of Polychlorinated Biphenyl (PCB):**
- 1.1 "Estimated Quantities" of Polychlorinated Biphenyl (PCB) are shown on Drawings PCB-01, PCB-02, PCB-03 – Presumed PCB Caulk/Glaze Locations in the Drawing Appendix.
 - 1.2 The "Estimated Quantities" of Polychlorinated Biphenyl (PCB) shall be included in the "Proposed Contract Price" in Section 00 41 00 Bid Proposal Form.
 - 1.3 The Unit Prices for the remediation (including the cost of all labor, materials, equipment) and disposal of additional Polychlorinated Biphenyl (PCB) above the "Estimated Quantities" are in Section 01 20 00 Contract Considerations.
 - 1.4 Only Polychlorinated Biphenyl (PCB) for which manifest copies are returned to the Owner by the Contractor and Disposal Facility will be authorized for payment. If the Owner is fined or penalized as a result of the Contractor's performance or lack thereof, in addition to other remedies the Owner may possess, said fine or penalty will be deducted from monies due the Contractor.

ITEM 236:	DELETE:	Section 00 41 00 Bid Proposal Form it its entirety.
	ADD:	A New Section 00 41 00 Bid Proposal Form: (Yellow highlighted blue text is new text.) See Appendix A - 00 41 00 Bid Proposal Form to this Addendum No. 4.

Item 237:

Bidder RFI Question: Spec Section 101400 - Signage: There are interior and exterior pin letters shown on Drawings A2-21 and A7-11. There are no interior or exterior pin letters listed under Spec Section 101400. Are interior and exterior pin letters required? If so, please provide a sec for interior and exterior pin letter.

Answer: Fabricated lettering is required on the exterior of the project see A2-21 for locations, see Spec section 101400 for additional information. See item 01 also.

Item 238:

Bidder RFI Question: Spec Section 101400 - Signage: On Drawing GR-31, sign Types F.1 and PCR are not indicated on the Signage Schedule. On Drawing GR-21, please provide locations for F.1 and PCR sign types.

Answer:
Type F.1 See sheet GR-01B for Locations, see sheet GR-21 for additional information.
Type PCR See sheet GR-31 for locations and additional information. See item 01 also.

Item 239:

Bidder RFI Question: Spec Section 115210 - Projection Screens: There is no elevation drawing showing the height for the projection screens. Please provide elevation for the projection screens or height for each projection screen location.

Answer: Projectors and Projection screens to be provided by owner, See A1-12A/A1-12B for locations and additional information.

**Addendum No.: 4****Date Of Addendum: 09/07/2017****Item 240:**

Bidder RFI Question: Drawing A5-41 shows a 6" mid-rail on the aluminum door elevations. On A5.01 through A5-03 show no mid rail. Which is correct?

Answer: Drawing A5-41 is correct, project contains 6" mid-rail at aluminum doors. See A5.01 through A5-03 for corrections and additional information. See item 01 also.

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Sasaki Associates, Inc., Fax Number: 617-924-2748) with copies sent to the DAS Project Manager (Peter Simmons, P.E, Fax Number: 959-200-4786) and Construction Manager (The Downes Construction Company, Fax Number: 860-225-3617)

End of Addendum 4

Mellanee Walton, Associate Fiscal Administrative Officer
State of Connecticut
Department of Administrative Services
Construction Services
Office of Legal Affairs, Policy Procurement