

The NEW Memorial Elementary School  
Board of Education of the Township of East Brunswick,  
Middlesex County, NJ  
Bid No. 2011-01

Addendum Date: 9-07-10

Project Dated: 7-29-10

The original specifications and drawings, for the project noted above have been amended as noted in this Addendum. Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Form of Proposal.

**I. THIS ADDENDUM CONSISTS OF THE FOLLOWING:**

- a. Number of Pages: 2 page w/o attachments
- b. Attachments: Attachments will be issued directly to all plan holders.
  - i. Written clarifications to certain drawings and to certain specification sections
  - ii. Revised drawings and additional drawings & clarification sketches
  - iii. Revised & additional specification sections
  - iv. Bidder's R.F.I.'s and A/E Responses

**II. BID DATE:**

- a. **No Change in bid date** – bids will be received at the East Brunswick Public Schools, 760 Route 18, Suite 109, East Brunswick, NJ 08816 until 2:00 P.M. (local time) on **September 22, 2010** and will be publicly opened and read aloud immediately thereafter.

**III. PERTAINING TO THE DRAWINGS:**

- a. Various drawings have been revised and will be forwarded as separate attachments, directly to all current and future plan holders.
  - 1. Revisions to some Drawings will be explained with written descriptions (only); those descriptions will be issued as attachments to Addendum #2.
  - 2. Revisions to some Drawings will be illustrated thru the issuance of 8-1/2"x11" and/or 11"x17" clarification sketch(s); those sketches will be issued as attachments to Addendum #2.
  - 3. Revised full-size drawings to be reissued and new full-size drawings to be issued will be issued as attachments to Addendum #2.

**IV. PERTAINING TO THE SPECIFICATIONS:**

- a. Various specifications sections have been revised and added, and will be forwarded as separate attachments, directly to all current and future plan holders.
  - 1. Revised specification sections to be reissued and new specifications sections to be issued will be issued as attachments to Addendum #2.

**V. RESPONSE TO BIDDER QUESTIONS:** (all pre-bid questions that are received by the Architect by the cut-off date of 9/07/10 shall be answered in the same order in which they were posed):

- a. All pre-bid questions and corresponding A/E responses will be forwarded as a separate attachment, directly to all current and future plan holders.

**End of Addendum Description**

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Attachments:

Signed by: Paul Graebener, LEED AP BD&C

Date: 9-07-2010

Copies:  Owner  Consultants  Plan Holders  Const. Manager  \_\_\_\_\_  File

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**I. THIS ATTACHMENT TO ADDENDUM # 2 CONSISTS OF THE FOLLOWING:**

- a. Number of Pages: 36 pages w/o attachments
- b. Attachments: Refer to Attachments issued directly to all plan holders.
  - i. Bidders' R.F.I.'s as noted below and attached
  - ii. A/E Responses to bidders' R.F.I.'s as noted below
- c. The attention of the bidder is directed to the following changes, additions, substitutions and/or clarifications affecting the above referenced content.
- d. This Addendum contains changes to the requirements of the Contract Drawings and Specifications. Such changes are deemed to be incorporated into the Contract Documents and shall apply to the work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of a paragraph of the Specifications, or any portion of any drawing, the remainder of the paragraph or drawings affected shall remain in force.
- e. The conditions and terms of the Specifications shall govern work described in this Addendum. Whenever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work, etc., included in the Specifications for similar terms of work shall apply to the work described in this Addendum.

**II. RESPONSE TO BIDDER QUESTIONS:** (all questions answered in the same order in which they were posed):

1. In response to Austin Helle Company RFI RBC #17 dated August 18, 2010 (Pre-Bid RFI #31):
  - a. Please review drawings 1b/A201 and 1/A606 which show the exterior space frame trusses which are mounted at grade at column line 32.2. There is an 047200 Cast Stone Coping cover at these bases. Please provide construction details of the work to be performed at these areas. Is there CMU under the cast stone; what supports the cast stone; what thickness is the stone; how is it trimmed around the vertical truss member?

A/E Response: Please refer to Detail 5 on A-714 issued in Addendum #1 for the plan detail of the Cast Stone Coping Knee wall/pier. Please refer to Sketches A-111.1, A-112.1, S-101.1 and S-102.1 issued in Addendum #1 for the plan locations. There is an opposite hand knee wall/pier happening on Col. 3.1, as shown on 1/A-609. The Cast Stone coping is 2" thick supported by CMU and trimmed at an angle. See S-300.1 and S-300.2 for the revised exposed steel "V" truss. A clarification Architectural section through the Knee wall/pier will be issued in Addendum #2.

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2. In response to Terminal Construction Corp. RFI-1 dated August 19, 2010 (Pre-Bid RFI #32):
- The Door Schedule on Drawing A-002 indicates via Reference Notes No. 1 "Roll Up Door" for all of the below listed openings; however, in addition to specification section 083323 entitled "Overhead Coiling Door" there is a specification section 08336 entitled "Overhead Coiling Grilles". There are no notations for "Overhead Coiling Grilles" on the Door Schedule.

A/E Response: Door Schedule drawing A-002 has been revised; see written description of these revisions in a separate attachment.

- Please clarify if any of the following listed openings are to be Overhead Coiling Grilles, or if this specification section is not applicable:  
Door #EX3, Door #EX4, Door #100SS-A, Door #ER1.10-B, Door #WR110-C, and Door #SV110 -C

A/E Response: Refer to response to Item 2a. above. Overhead coiling grilles are as follow: 100SSA and new doors C13-B & C11-C.

3. In response to Daktronics RFI dated August 19, 2010 (Pre-Bid RFI #33):
- After reviewing the spec section 116643, I was unable to find the locations of the scoreboards in the drawings. Is there a drawing you can refer me to or will this spec section be removed?

A/E Response: There are no scoreboards.

4. In response to Century 21 construction RFI #1 No. 1 dated August 20, 2010 (Pre-Bid RFI #34):
- Regarding Alternate #2a. Please provide details and specs for the H.M. Doors & Frames at openings EX31 & EX32.

A/E Response: Hardware set 15 re: Addendum #1 detail refer to 1/A-638.

- Regarding Alternate #2c. There is a discrepancy in which room the Access Hatch & the Roof Ladder is to be installed between the bid form of 23 of 118 Alternate #2c and alternate Section 012300-2.

A/E Response: There is no discrepancy per 012300 2C.

- Regarding Alternate #2c. Please provide details and specs for the roof hatch & the ladder.

A/E Response: 5/A709, Spec Section 077200.

- Drawing A105 Title Deduct Alternate Bid #3. Should this read deduct alternate bid #2?

A/E Response: Yes

- Alternate #2E & 2F Storage Room 205CS & 219CS. What, if any, finishes apply to these rooms.

A/E Response: Epoxy concrete floor, painted CMU wall, exposed ceiling.

- Drawing A106 Title Deduct Alternate Bid #7ai. Should this read deduct Alternate Bid #6?

A/E Response: Yes

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**g.** Partition type labeled on the Drawing A106 does not appear to be coordinated with the substituted CMU wall types. For example, Pipe Chase walls.

A/E Response: Pipe chase walls on A106 shall be a combination of 3-3/4" GWB partition and the other GWB partitions to achieve the required wall thickness. For example H1/A005 would become partition type 7A3 and 7A1 on A-106.

**h.** Is there any hazardous waste on the site?

A/E Response: There is no known hazardous waste on the site other than a +/- 15' lf section of ACM sanitary pipe which is to remain between the Innes St. curb and the sidewalk.

**i.** Have the existing soils been tested for any contamination.

A/E Response: No.

**j.** Please provide a topo of the existing grades after the Demolition Subcontractor has completed their work.

A/E Response: See attachments for civil drawings.

**k.** Please provide a specification for the Automatic Transfer Switch.

A/E Response: Transfer switch is a manual transfer switch (double throw, safety switch) and is called out on drawing E5.0b and specification section 262816-2.2.

**l.** Can you please provide a specification for the Automatic Transfer switch?

A/E Response: Transfer switch is a manual transfer switch (double throw, safety switch) and is called out on drawing E5.0b and specification section 262816-2.2.

**m.** Detail 3/T.115 calls for deduct/Alternate #3 Partial Second Floor. Shouldn't this be the Alternate #2 partial second floor?

A/E Response: Yes, these details should be included as part of Deduct/Alternate #2.

**n.** Detail 3/T.116 calls for deduct/Alternate #3 Partial Second floor. Shouldn't this be the Alternate #2 partial second floor?

A/E Response: Yes, these details should be included as part of Deduct/Alternate #2.

**o.** Would it be safe to assume that we are only providing junction boxes and conduits with pull strings for the cafetorium and gymnasium audio visual systems per cafetorium audiovisual conduit riser on AV-201 and Gymnasium Audiovisual conduit riser on AV-202?

A/E Response: Cafetorium and Gymnasium Audiovisual Systems are to be provided in accordance with Specification Section 27 41 00.

**p.** Electrical drawings for exit signs do not indicate which type of exit sign shall be used EX or EX1?

A/E Response: Drawings have been revised per Addendum #1 dated 8/20/10.

**q.** Electrical drawings E2.1 to E2.3d indicate that a TYPE R fixture shall be installed in various rooms. According to lighting fixture schedule on sheet #6.5 the TYPE R fixture is a surface mounted 2x4 18 cells parabolic. This fixture is shown in rooms with and without lay-in ceilings (storage rooms, mechanical rooms, kitchen areas, etc.). Is this the correct fixture for all these locations?

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A/E Response: Drawings have been revised per Addendum #1 dated 8/20/10.

- r. Electrical site plan E1.0 does not indicate any type SB type lighting fixtures in courtyard but does show (2) SA type lighting fixtures. According to lighting plan C9 there are a total of (10) SB type fixtures shown in courtyard and (0) SA. Which drawing is correct E1.0 or C9?

A/E Response: Refer to attached electrical drawings.

- s. Electrical sheet E6.5 lighting schedule. The following fixture types are not indicated on any drawings. EM, EM1, M, M1, Q, V, W and Y. Are these fixtures not being used?

A/E Response: Refer to attached electrical drawings.

- t. Site Demolition Plan C1 shows in various locations clean-outs and manholes with underground utilities encountered to be removed. Please provide a drawing or quantities with sizes of the underground utilities that are to be removed.

A/E Response: Construction plan provides limits of demolition. It is the contractor's responsibility to provide a review of the site and determine the quantities associated with utility demolition.

- u. What size is the existing water line in Innes Road?

A/E Response: 6"

- 5. In response to Chanree Construction's RFI dated August 20, 2010 (Pre-Bid RFI #35):

- a. Regarding the Instructions to Bidders on page 6, article 3 – List of Subcontractors – please verify that there is no asbestos abatement or demolition on this project and therefore an asbestos subcontractor does not need to be named; therefore, only the other (4) primes trades need to be listed.

A/E Response: There is no asbestos abatement on this project. There is site demolition work on this project.

- b. I am unable to locate the affirmative action questionnaire required from Prime and subcontractors listed.

A/E Response: There is no Affirmative Action Questionnaire required to be returned with the bid. However, the contractor must comply with Mandatory Equal Employment Opportunity Language, N.J.A.C. 17:27 – 1 et seq. The contractor should refer to the requirements given in Section 13.1 Mandatory Affirmative Action Certification of bid documents.

- c. I was unable to locate the completion date and the maintenance period.

A/E Response: It is anticipated that award will be made within 60 days of receipt of bids. Final completion is 8/1/12.

- d. Please confirm that one original bid proposal along with attachments is to be submitted.

A/E Response: There is only one original bid package required to be submitted.

- 6. In response to Austin Helle Company RFI #RBC #18 dated August 20,2010 (Pre-Bid RFI #36):

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a. Regarding the overhead coiling doors and grilles, we note that the door schedule calls out for electric operation and the specs note "motorized". We find no power shown for these units on the Electrical Drawings. Revise the drawings to show necessary power if you wish these to be motorized.

A/E Response: All overhead coiling doors and grilles are to be motorized; see attachments for revised electrical.

b. The spec book contains section 102400 – Roof Equipment Screens and 102213 – Wire Mesh Partitions. We do not find this work on the drawings. If required, please advise on the location of these items.

A/E Response: There are no wire mesh screens on this project.

c. Refer to spec 089550 1.3 Definitions. Complete the selection process. You have vertical (horizontal) and open (closed) joints.

A/E Response: The linear glazing shall be vertical. 1.3.B Basic System shall apply; 1.3.C Rain Screen is **not** applicable.

d. Refer to spec 089552 2.2A – complete the selection process for Glass Color and coatings.

A/E Response: Provide channel glazing with low iron clear with very pale green cast. 95% of channel glazing to have "rough cast" texture; 5% to have "Clarissimo" texture.

7. In response to Joseph A. Natoli Construction Corp. RFI 2 dated August 20, 2010 (Pre-Bid RFI #37):

a. Please clarify the anticipated Project Start Date and Time of Contract Duration (or anticipated project completion time).

A/E Response: It is anticipated that award will be made within 60 days of receipt of bids. Final completion is 8/1/12.

8. In response to Wallace Bros., Inc. RFI #2 dated August 20, 2010 (Pre-Bid RFI #38):

a. Electrical drawing E5.2 detail 6 notes 1. Lighting control panels shall also be provided under specification section 25975. This specification is not provided?

A/E Response: Refer to Addendum #2 electrical attachments.

b. Electrical drawing E5.2 detail 6 notes 1. Termination of lighting circuits and power to each control panel shall be by division 23. Should this be by division 26?

A/E Response: Refer to Addendum #2 electrical attachments.

c. Electrical drawing E5.2 detail 3, Emergency Shunt Relay. Can you please indicate on electrical drawings where this switch is to be installed?

A/E Response: Refer to Addendum #2 electrical attachments.

d. Electrical specification 265561 – Theatrical Lighting and Rigging System. Electrical drawings do not provide any indication of the theatrical lighting and rigging system. Can you please provide Theatrical Lighting and Rigging System electrical drawings?

A/E Response: Refer to drawings A-303, A-304 & A-305.

e. Electrical drawing E5.0b, Electrical one line. Refers to a note that we are to refer to the A/V drawings for dimmer panel information. The same note also appears on sheet

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E3.2e detail 1. The dimmer panel is not shown on the A/V drawings. Can you please provide information on dimmer panel?

A/E Response: Refer to drawings A-303, A-304 & A-305.

9. In response to Tormee Construction, Inc. RFI #'s 1-12 dated August 23, 2010 (Pre-Bid RFI #39):

a. Electrical drawing E5.2 detail 6 notes 1. Lighting control panels shall also be provided under specification section 25975. This specification is not provided?

A/E Response: Refer to Addendum #2 electrical attachments.

b. Electrical drawing E5.2 detail 6 notes 1. Termination of lighting circuits and power to each control panel shall be by division 23. Should this be by division 26?

A/E Response: Refer to Addendum #2 electrical attachments.

c. Electrical drawing E5.2 detail 3, Emergency Shunt Relay. Can you please indicate on electrical drawings where this switch is to be installed?

A/E Response: Refer to Addendum #2 electrical attachments.

d. Electrical specification 265561 – Theatrical Lighting and Rigging System. Electrical drawings do not provide any indication of the theatrical lighting and rigging system. Can you please provide Theatrical Lighting and Rigging System electrical drawings?

A/E Response: Refer to drawings A-303, A-304 & A-305.

e. Electrical drawing E5.0b, Electrical one line. Refers to a note that we are to refer to the A/V drawings for dimmer panel information. The same note also appears on sheet E3.2e detail 1. The dimmer panel is not shown on the A/V drawings. Can you please provide information on dimmer panel?

A/E Response: Refer to drawings A-303, A-304 & A-305.

f. Can you please provide a specification for the Automatic transfer switch?

A/E Response: Transfer switch is a manual transfer switch (double throw, safety switch) and is called out on drawing E5.0b and specification section 262816-2.2.

g. Telecommunications drawing T.116 detail 2 and 3. Detail #3 says alternate #3, detail #2 says alternate #1 but they are both for the same room. Are the alternates both the same?

A/E Response: Detail 2/T-116 refers to deduct alternate #2 (**not** #3). The alternates are **not** the same.

h. Would it be safe to assume that we are only providing junction boxes and conduits with pull strings for the cafetorium and gymnasium audio visual systems per cafetorium audiovisual conduit riser on AV-201 and Gymnasium Audiovisual conduit riser on AV-202?

A/E Response: Cafetorium and Gymnasium Audiovisual Systems are to be provided in accordance with attached Specification Section 27 41 00.

i. Electrical drawings for exit signs to not indicate which type of exit sign shall be used EX or EX1?

A/E Response: See previous response to item 22d in Addendum #1.

j. Electrical drawings E2.1 to E2.3d indicate that a TYPE R fixture shall be installed in various rooms. According to lighting fixture schedule on sheet E6.5 the TYPE R

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fixture is a surface mounted 2x4 18 cells parabolic. This fixture is shown in rooms with and without lay-in ceilings (storage rooms, mechanical rooms, kitchen areas, etc.). Is this the correct fixture for all of these locations?

A/E Response: See previous response to item 22e in Addendum #1.

k. Electrical site plan E1.0 does not indicate any type SB lighting fixtures in courtyard but does show (2) SA type lighting fixtures. According to lighting plan C9 there are a total of (10) SB type fixtures shown in courtyard and (0) SA. Which drawing is correct E1.0 or C9?

A/E Response: See previous response to item 22f in Addendum #1.

l. Electrical sheet E6.5 lighting schedule. The following fixture types are not indicated on drawing: EM, EM1, M, M1, Q, V, W and Y. Are these fixtures not being used?

A/E Response: See previous response to item 22g in Addendum #1.

10. In response to Milric Construction Corp. RFI #001 Received August 23, 2010 (Pre-Bid RFI #40):

a. Electrical site plan E1.0 shows (2) type SA site lighting fixtures in the area between the one and two story buildings (courtyard). Civil drawing C9 shows (10) type SB light bollards in this area.

A/E Response: Lighting to be in accordance with Civil Drawing.

11. In response to Milric Construction Corp. RFI #002 Received August 23, 2010 (Pre-Bid RFI #41):

a. Will the removal of the overhead wires and utility/light poles shown on Civil Drawing C1 be by the utility company?

A/E Response: No, the G.C. is responsible for removal of these items.

12. In response to Milric Construction Corp. RFI #002 Received August 23, 2010 (Pre-Bid RFI #42):

a. Electrical drawing E5.2 detail 6 notes 1. Lighting control panels shall also be provided under specification section 25975. This specification is not provided?

A/E Response: See previous response to similar question in item 8a above.

13. In response to Milric Construction Corp. RFI #004 Received August 23, 2010 (Pre-Bid RFI #43):

a. Electrical drawing E5.2 detail 6 notes 1. Termination of lighting circuits and power to each control panel shall be by division 23. Should this be by division 26?

A/E Response: See previous response to similar question in item 8b above.

14. In response to Milric Construction Corp. RFI #005 Received August 23, 2010 (Pre-Bid RFI #44):

a. Electrical drawing E5.2 detail 3, Emergency Shunt Relay. Can you please indicate on electrical drawings where this switch is to be installed?

A/E Response: See previous response to similar question in 8c above.

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15. In response to Milric Construction Corp. RFI E006 Received August 23, 2010 (Pre-Bid RFI #45):
- a. Electrical specification 265561 – Theatrical Lighting and Rigging System. Electrical drawings do not provide any indication of the theatrical lighting and rigging system. Can you please provide Theatrical Lighting and Rigging System electrical drawings?  
A/E Response: Refer to drawings A-303, A-304 & A-305.
16. In response to Milric Construction corp. RFI #007 Received August 23, 2010 (Pre-Bid RFI #46):
- a. Electrical drawing E5.0b, Electrical one line. Refers to a note that we are to refer to the A/V drawings for dimmer panel information. The same note also appears on sheet E3.2e detail 1. The dimmer panel is not shown on the A/V drawings. Can you please provide information on dimmer panel?  
A/E Response: Refer to drawings A-303, A-304 & A-305.
17. In response to Austin Helle Company RFI #RBC-19 received August 23, 2010 (Pre-Bid RFI #47):
- a. Refer to drawing A810 – Security Desk. Please provide construction details for what appears to be cabinetry or desks on the North and East walls.  
A/E Response: Refer to architectural attachments to Addendum #2 for clarification on the extent of millwork counters at the security desk.
  - b. We Find a Kiln shown in Room WR111. Since there is no spec, we cannot include costs for a Kiln in our quote.  
A/E Response: The kiln shall be provided as per Allowance #6, see attached.
  - c. Projection screens are indicated in various rooms. Since there is no spec nor details we cannot include costs for projection screens.  
A/E Response: The projection screens/electronic whiteboards are shown for informational purposes only. These items will be procured as part of a later bid package separate from the general contract.
  - d. The spec book includes sections 096766, 101900, 102213, 102400 & 116643. We do not find items related to these specs on the drawings. Since none are shown, we cannot include costs for these sections.  
A/E Response: See Addendum #2 Architectural Attachments for Cubicle Curtains 101900 and Rooftop Equipment Screens 102400.
18. In response to Austin Helle Company RFI #RBC-20 dated August 23, 2010 (Pre-Bid RFI #48):
- a. Reference Dwgs. E4.3A & B – the noted drawings refer to Alternate #3. They should refer to Alternate #2. Please correct the drawings.  
A/E Response: Refer to Addendum #2 electrical attachments.

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19. In response to Austin Helle Company RFI #RBC-21 dated August 23, 2010 (Pre-Bid RFI #49):
- a. Refer to the notes for the BMS Lighting Control Riser Diagram on drawing E5.2. These notes refer to specs 23975 & 25975. We do not have these spec sections. Please clarify the notes and provide correct, complete information and specs, as required.  
A/E Response: Refer to Addendum #2 electrical attachments.
20. In response to Century 21 Construction RFI #2 dated August 24, 2010 (Pre-Bid RFI #50):
- a. Electrical drawing E5.2 detail 6 notes 1. Lighting control panels shall also be provided under specification section 25975. This specification is not provided?  
A/E Response: Refer to Addendum #2 electrical attachments.
  - b. Electrical drawing E5.2 detail 6 notes 1. Termination of lighting circuits and power to each control panel shall be by division 23. Should this be by division 26?  
A/E Response: Refer to Addendum #2 electrical attachments.
  - c. Electrical drawing E5.2 detail 3, Emergency Shunt Relay. Can you please indicate on electrical drawings where this switch is to be installed?  
A/E Response: Refer to Addendum #2 electrical attachments.
  - d. Electrical specification 265561 – Theatrical Lighting and Rigging System. Electrical drawings do not provide any indication of the theatrical lighting and rigging system. Can you please provide Theatrical Lighting and Rigging System electrical drawings?  
A/E Response: Refer to Drawings A-303, A-304 & A-305.
  - e. Electrical drawing E5.0b, Electrical one line. Refers to a note that we are to refer to the A/V drawings for dimmer panel information. The same note also appears on sheet E3.2e detail 1. The dimmer panel is not shown on the A/V drawings. Can you please provide information on dimmer panel?  
A/E Response: Refer to Drawings A-303, A-304 & A-305.
  - f. Site light fixtures in the school courtyard differ between civil drawing C9 Lighting Plan and electrical site plan drawing E1.0. Please advise which drawing we are to go by.  
A/E Response: Civil Site Lighting Controls.
  - g. Detail 2/A708 has Polyisocyanurate Insulation as part of Monolithic Hot Fluid Applied Rubberized Membrane roof under the green roofing and pavers. American Hydrotech and other Monolithic Hot Fluid Applied Rubberized Membrane roof manufacturers require Extruded Polystyrene Insulation as part of their systems. Because Polyisocyanurate cannot be exposed to water as Extruded Polystyrene can be. Can you please address this issue?  
A/E Response: See Addendum #2 drawing A-708 attached.
  - h. Can you please provide a detail between the Monolithic Hot Fluid Applied Rubberized Membrane and the Modified SBS Roofing between Column lines 9 and 12?  
A/E Response: See Addendum #2 drawing A-708 attached.
  - i. Outgoing sanitary and storm drainage lines in a number of areas are not coordinated with Civil Drawing C4 – Drainage & Utility Plan and Plumbing Drawing P2.1 – First Floor Sub Slab Plumbing Plan. Please provide coordinated drawings.  
A/E Response: Refer to Addendum #2 attachments.
  - j. Please provide details and specifications for the exterior 4 ft. dia. foundation drain sump well.

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A/E Response: Sump well to be constructed in accordance with "Precast Foundation Drain Sump Well" on sheet C13.

k. We respectfully request a bid extension to the following week due to RFI's, addenda yet to be issued and the Labor Day holiday weekend.

A/E Response: Refer to Addendum #2 for bid date.

l. Please provide a detail for bollards that are shown on Site Plan C2. Spec Section 05 50 00-3 paragraph 2.7: Bollards calls for 6" dia. and 6'-6" Long Bollard. Please provide a detail for Bollards.

A/E Response: See Bollard detail on Sheet C-14.3 of Addendum #1.

m. Are the frames referencing frame types HM-3 and HM-3A supposed to be aluminum frames or hollow metal frames? On the door schedule the frame material is listed as hollow metal; however, frames types HM-3 and HM-3A list their sidelite size as "varies-see plan". In plan, window types with a W prefix are shown next to the door numbers. Drawing A700 details W frames as interior aluminum window frames. Please clarify if these sidelite frames should be hollow metal or aluminum.

A/E Response: HM-3 & HM-3A are Hollow Metal frames. A-706 lists a combination of aluminum and hollow metal frames, and the door schedule is showing correct designations. Clarifications on A-706 (noting which frames are H.M.) will be issued in Addendum #2.

21. In response to Ernest Brock & Sons, Inc. RFI #1 dated August 24, 2010 (Pre-Bid RFI #51):

a. On page 6 of 118, #3 it states for the General Contractor to submit a list of subcontractors along with our bid. Please clarify the following:

1) I believe that this paragraph was for the Demolition package that was let out previously. Please confirm and revise as necessary.

A/E Response: The G.C.'s list of prime subcontractors shall include the following: Structural Steel, Plumbing, HVAC and Electrical. Refer to Bid Proposal Form attachment page 30 of 118.

2) If the G.C. is to prepare a list of subcontractors for this project to submit with our bid, please be **specific** as to which disciplines would be required.

A/E Response: See response to item 21a above.

3) Are we to submit on this subcontractor list 2<sup>nd</sup> tier subs. For example a curb subcontractor working for the site contractor. Please advise.

A/E Response: Yes, 2<sup>nd</sup> tier subs must be submitted within 30 days of NTP as specified.

22. In response to Benard Associates RFI dated August 24, 2010 (Pre-Bid RFI #52):

a. Specification section 236416 – 2.1 A states that "manufacturers: Trane model size and capacity as noted and scheduled on plans." The schedule calls for the chiller to be by York/Johnson Controls. Which is correct? Please provide list of equivalent manufacturers for the chiller.

A/E Response: Refer to Addendum #2 MEP attachments.

b. I believe that there needs to be a minimum of three equivalent manufacturers for all major equipment. Please provide three equivalent manufacturers for the following

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equipment: Chillers, cooling tower, fan coils (especially since the schedules call for Johnson & Vulcan).

A/E Response: Refer to Addendum #2 MEP attachments.

- c. Notes 5 and 6 on drawing M2.1C states that all supply air and return air ductwork for AHU-1, 2A, 5, 10 and FCU-6 to be constructed according to SMACNA's 10" W.G. High Pressure. However, these units only have an external static pressure of 1.5" max. This duct construction will have a significant cost impact. Is there a lower duct classification that can be utilized?

A/E Response: The pressure call is required for sound attenuation and should be bid accordingly.

- d. I feel that the corridor ceiling height will be a major issue with the installation of all MEP equipment, not to mention being able to service the equipment. Can the corridor ceilings be lowered to 9'-0"?

A/E Response: Finish ceiling heights must be maintained, and it requires coordination of all disciplines by GC.

- e. Please provide the specification for the kitchen exhaust fan and makeup air unit.

A/E Response: Refer to Plan M6.1 Equipment Note #30 for make-up air unit specification. Refer to Plan M6.3 the Fan Schedule and associated notes for kitchen exhaust fan KX-1.

23. In response to Austin Helle RFI #RBC-22 dated August 24, 2010 (Pre-Bid RFI #53):

- a. Please provide the Affirmative Action Questionnaire as required by page 28 of 118 of the Bid Form.

A/E Response: There is no Affirmative Action Questionnaire required to be returned with the bid. However, the contractor must comply with Mandatory Equal Employment Opportunity Language, N.J.A.C. 17:27 – 1 et seq. The contractor should refer to the requirements given in Section 13.1 Mandatory Affirmative Action Certification of bid documents.

24. In response to Seacoast Builders Corp. RFI dated August 23, 2010 (Pre-Bid RFI #54):

- a. Architectural Drawings are not consistent in the legends. The ½" Gypsum Sheathing is listed under different CSI codes and is shown directly applied to the face of the blockwork behind the cement board siding system but not in all cases. Please verify.

A/E Response: Gypsum sheathing is listed in material legend as 06 16 43A (1/2" thick) in drawings and under Section 06 16 00 – Sheathing in specifications.

Please indicate where it is listed under a different CSI number.

Gypsum sheathing is applied on the surface of CMU where the same wall consists of both CMU (below window) and CFMF (above window sill) backup. Where CMU is the only backup wall (for example, 2/A635), there is no gypsum sheathing needed.

25. In response to Chanree Construction RFI dated August 23, 2010 (Pre-Bid RFI #55):

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- a. Regarding the Instruction to Bidders on page 6, article 3 – List of Subcontractors. Please clarify that since there is no asbestos abatement/demolition listed for this project, that only the other (4) major primes need to be listed.

A/E Response: There is no requirement to list an asbestos subcontractor; there is no abatement work. List the four prime subs as per Bid Proposal Form Attachment page 30 of 118.

- b. In the Instruction to Bidders, please confirm that performance-payment bond is to be 200% of contract amount? Is that correct?

A/E Response: Yes, as specified.

- c. I am unable to locate the affirmative action questionnaire required from prime and subcontractors listed.

A/E Response: There is no Affirmative Action Questionnaire required to be returned with the bid. However, the contractor must comply with Mandatory Equal Employment Opportunity Language, N.J.A.C. 17:27 – 1 et seq. The contractor should refer to the requirements given in Section 13.1 Mandatory Affirmative Action Certification of bid documents.

- d. I was unable to locate the completion date and the maintenance period.

A/E Response: Refer to previous responses to item 35c above.

- e. Please confirm that one original bid proposal along with attachments is to be submitted.

A/E Response: There is only one original bid package required to be submitted.

26. In response to WPCS International, Inc. RFI dated August 23, 2010 (Pre-Bid RFI #56):

- a. I have been trying to get some information on this project which our firm is bidding, the electrical and renewable sections, and cannot seem to have anyone return my call. There does not seem to be any formal RFI forms in the package and have one question on the kiosk needed for the photovoltaic array. Can someone please let me know if there are any specs on the kiosk or is this also part of design and build. The costs and quality of monitoring systems vary greatly.

A/E Response: Refer to allowance #4 on the revised Schedule of Prices attachment.

27. In response to Ernest Brock & Sons, Inc. RFI dated August 25, 2010 (Pre-Bid RFI #57):

A/E Response: **See RFI #59 below, questions are identical.**

28. In response to Gingerelli Brothers Construction RFI dated August 25, 2010 (Pre-Bid RFI #58):

A/E Response: **See RFI #59 below, questions are identical.**

29. In response to Wallace Bros., Inc. RFI Nos. 1-12 dated August 25, 2010 from Sun Electric (Pre-Bid RFI #59):

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- a. Please provide drawings showing the electrical runs required for the photovoltaic system.

A/E Response: See response to similar question in item #33a below.

- b. Please provide a more detailed photovoltaic specification. The included specification does not provide information on the racking and ballasting, data acquisition, the kiosk, and degree of tilt needed for the modules.

A/E Response: See response to similar question in item #33b below.

- c. Please clarify the location and mounting of the inverters for the photovoltaic system.

A/E Response: See response to similar question in item #33c below.

- d. Please clarify the location and the mounting of the kiosk.

A/E Response: See response to similar question in item #33d below.

- e. On the bid form Alternate #4 is for the entire photovoltaic system. On drawing E3.4A there is mention of part of the photovoltaic system being part of Alternate #1. The explanation of Alternate #1 on the bid form and in specification section 012300 makes no mention of any part of the photovoltaic system being included. Please definitively clarify the scope of Alternate #1 and Alternate #4.

A/E Response: See response to similar question in item #33e below.

- f. On multiple E series and T series drawings there is mention of work in regards to Alternate #3. For example, drawing E2.3A shows adding an occupancy sensor in Corridor C21 for Alternate #3. According to the bid form Alternate #3 is in regards to substituting a KalWall System in place of a Channel Glass system. Please clarify if what is marked on the drawings as Alternate #3 should be considered as part of Alternate #3. If not, please clarify if it should be considered as base bid or part of a different Alternate.

A/E Response: Sheets T.115 and T.116 Alternate #3 is labeled incorrectly and should be included as part of Alternate #2. This Alternate includes adding a storage room in place of the corridor to the 2<sup>nd</sup> floor exterior.

- g. Drawing E5.0 B is labeled as "Electric One Line Diagram Generator Power". There are transfer switches and a generator lug box shown. There are no specifications included for a generator or transfer switches. Please clarify the scope of work and provide the necessary specification sections.

A/E Response: See response to similar question in item #33g below.

- h. Site lighting drawings C9 and E1.0 differ greatly on the quantities required for light Types SA, SA2 and SB. Please clarify which drawing and quantities should be considered correct.

A/E Response: Quantities are to be based upon Civil Drawing C9.

- i. There is a power plan for the basement in Building Part B. However, there is no lighting shown or a lighting plan provided for this area. Please clarify if there are any lighting requirements for this area.

A/E Response: See response to similar question in item #33i below.

- j. There are no lighting fixture designations for any of the exit lights shown on the drawings. Please clarify if they are to be Type EX, EX1, EM, or EM1. If they are none of the above, please provide manufacturer and catalog information.

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A/E Response: See response to similar question in item #33j below.

k. On Drawing E0.1 Notes #8 and #9 state that communications wiring is by others. However, the T series drawings do not have the same note and a cabling specification has been provided. Please clarify if the electrical contractor is responsible for cabling or "rough in" only.

A/E Response: Communications cabling shown on the T series drawings and specifications are part of the general contract and should be included as shown.

l. Please clarify the scope of work in regards to the AV system. There is an AV cabling specification provided and AV drawings. There appears to be equipment shown on the AV drawings. Please clarify what is included in this contract (equipment, cabling, "rough in only", etc.) and whose responsibility it is. If equipment is required, please provide specifications.

A/E Response: Refer to specification section 27 41 00 (attached).

30. In response to Patock Construction RFI #'s 3-5 dated August 24, 2010 (Pre-Bid RFI #60):  
RFI #3:

a. Specification Section 096400: Calls for the Stage Floor finish to be Douglas Fir. Drawing A-303, Details 5, 10 & 11 calls for ¾" t&g maple. Which is correct?

A/E Response: Maple wood floor as shown on drawings. Specification has been revised.

b. Specification Section 074200 – Fiber Cement Lap Siding and 074433 – Fiber Cement Reveal Panel Siding. Drawing details on A-713 – Typical Corner Details E, G, H, K, N, P, Q, etc.... You have a void at each outside corner and there is nothing to nail the fiber cement siding to. Something solid is needed according to James Hardie and Fry Reglet details. The Fry reglets specified are only 1/8" wide for a J-Channel. Inside corner is only 1-5/8" x 1-5/8". Outside corners are 1-1/2" x 1-1/2" and vertical reveals are 2-5/8" wide. The FCP horizontal are 1-7/8" in each case. Please advise.

A/E Response: Fiber Cement Lap and Reveal Panels would be nailed to the 7/8" Hat Channel which gets fastened to 2" horizontal "Z" furring. We suggest providing wood blocking in the end panel (returns @ openings) for the end panel to nail onto.

c. Drawing A-311, North Elevation 9: What is the material to the left of column line 15 above pre-finished hardwood 096429A? Is it Translucent Glass & Wall System?

A/E Response: Yes, see CG9 on 2/A705.

d. Drawing A-311, Elevation #7 and the upper parts of Elevation #5 & #6: What is the material above Proscenium Arch? Are they Translucent Glass Wall?

A/E Response: Yes, see 2/A115 for tag locations and 2/A705 for elevations.

e. Drawing A-705, Elevations CG-1 through CG-10: Are these the sum total of all translucent linear glass walls for both the interior and exterior of the project? These designations don't appear on any of the floor plans or elevations. They should be shown so that we do not miss any translucent linear glass walls. The curtain wall and window types are shown on the floor plan and elevations, but not the translucent linear glass walls.

A/E Response: Yes, see 2/A115 for tag locations.

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f. Drawing A-604, Wall Sections 2, 3 & 4: There are no material notes shown. Please provide all notes for the wall sections.

A/E Response: See A604.1 thru A604.5 (issued in Addendum #1).

g. Drawing A-605: Please provide all material notes.

A/E Response: See A-605.1 and A-605.2 (issued in Addendum #1).

h. Drawing A-606: Please provide all material notes.

A/E Response: Material keys on 1/A606 are tagged. Detail 2 on A606 does not repeat same notes from 1/A606.

i. Drawing A-611, Section 1: Please provide all material notes. Specifically, there is a bench seat at the exterior wall column line 39. This does not appear on the floor plans.

A/E Response: The line of bench shows on A101, see 2/A810 for elevation.

RFI #4:

a. Electrical Drawing E5.2, Detail 6, Notes 1 – "Lighting control panels shall also be provided under specification section 25975." This specification is not provided?

A/E Response: See previous response to similar question in item 8a above.

b. Electrical Drawing E5.2, Detail 6 Notes 1 – "Termination of lighting circuits and power to each control panel shall be by division 23." Should this be by Division 26?

A/E Response: See previous response to similar question in item 8b above.

c. Electrical Drawing E5.2, Detail 3, Emergency Shunt Relay. Please indicate on the electrical drawings where this switch is to be installed.

A/E Response: See previous response to similar question in item 8c above.

d. Electrical Specification 265561 – Theatrical Lighting and Rigging System. Electrical drawings do not provide any indication of the theatrical lighting and rigging system. Please provide Theatrical Lighting and Rigging system electrical drawings.

A/E Response: See response to similar question in item 8d above.

e. Electrical Drawing E5.0b, Electrical One Line: Refers to a note that we are to refer to the A/V drawings for dimmer panel information. The same note also appears on Drawing E3.2e, Detail 1. The dimmer panel is not shown on the A/V drawings. Please provide information on dimmer panel.

A/E Response: See previous response to similar question in item 8e above.

RFI #5:

a. Drawing C-2, 21' x 28' Cooling Unit Enclosure: Note says "See Architecturals". Information cannot be located. Please advise or provide.

A/E Response: Plan 3/A-110, Elevations: 2b/A-202 & 2/A202.1 (issued in Addendum #1).

b. Drawing C-2, Privacy Fence: Note says "See Arch Drawings". Information cannot be located. Please advise or provide.

A/E Response: Privacy fence to be 12' high Hoover Plywall. Contractor shall provide signed and sealed engineering plans for wall and foundation design in

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accordance with manufacturer's specifications. Refer to civil attachments to Addendum #2 for location and extent.

- c. Drawing C-2, Planting Island: Note says "See Arch Drawings". Information cannot be located. Please advise or provide.

A/E Response: 6/A-110 (issued in Addendum #1) shows one of the planting island plan with dimensions. Sections please see A613.1 (issued in Addendum #1).

- d. Drawing C-2, Building sign: Note says "See Arch Drawings". Information cannot be located. Please advise or provide.

A/E Response: Elevation on 5/A-202.

- e. Drawing C-2, Bollards. Are these bollards to be the lighting bollard shown in the detail on Drawing C-9?

A/E Response: See Sheet C-14.3 of Addendum #1.

- f. Drawing C-2, Butterfly Garden. We cannot find any information on the drawings or in the specifications. Please advise or provide.

A/E Response: See C7 Landscape Plan.

31. In response to Patock Construction RFI #6 dated August 25, 2010 (Pre-Bid RFI #61):

- a. Addendum #1, Drawing A202.1, East Elevation No. 2 (Cooling Tower). Refers to Elevation 8/A202. There is no such elevation on Drawing A202. Please advise.

A/E Response: The sketch 2/A202.1 is designated as 8/A202 on the full size drawing (and the drawing was added new for Addendum #1). 8/A202 is only a reference number for Issue for Construction.

32. In response to Gingerelli Brothers Construction RFI dated August 25, 2010 (Pre-Bid RFI #62):

- a. Response from Atlantic Surety & Insurance Agency:

At your request, I have reviewed the insurance requirements for the referenced project. You already have the coverage and limits required including your \$5 million umbrella coverage, but there is one section of the specification that cannot be legally complied with. Article 11.1.4 reads:

*The insurance policies required by subparagraph 11.1.1 shall contain the following indemnification and hold harmless provision, consistent with subparagraphs 3.4.2 and 3.18.1:*

*To the fullest extent permitted by law, the contractor shall indemnify and hold harmless the Owner, Architect, Architect's consultants, and agents and employees of any of them from and against claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the work, but only to the extent caused in whole or in part by negligent acts or omissions of the Contractor, or Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damages, loss or expense is caused in part by a party indemnified hereunder. In claims against any person or entity indemnified under this provision by an employee of the Contractor, a subcontractor, anyone directly*

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*or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this provision shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the contractor under workers compensation acts, disability benefit acts or other employee benefit acts. The Contractor shall also indemnify and hold the Owner harmless from all liability for violation of the Labor Laws of the State of New Jersey, including the Prevailing Wage Act, and shall defend against claims or actions that may be brought against the Owner as a result of the Contractor's violation.*

*Each Certificate furnished by the Contractor for such insurance shall likewise specify that the above indemnification is guaranteed by the policy.*

There is absolutely no such thing as an insurance policy that contains the above said "indemnification and hold harmless provision" or any indemnification or hold harmless provision of any kind. Even if an insurance company wanted to issue such a policy in New Jersey, and they won't, New Jersey law requires that all such policies be filed with the State in order to be used. There are no such policies filed with the State, in essence because no such policy exists. Consequently, this portion of the specification cannot be lawfully complied with. Likewise, no certificate can lawfully be issued stating that such non-existent coverage is guaranteed by the policy. Also, Article 3.4.2 appears to be a warranty requirement, not an indemnification or insurance matter.

Please be advised accordingly.

A/E Response: Re: General Conditions of the Contract for Construction – Delete subparagraph 11.1.4, and in its place add the following:

"Contractor expressly understands and agrees that the insurance required by the Contract documents is in addition to and does not limit the indemnification and defense obligations of the Contractor stated elsewhere in the Contract Documents."

33. In response to RFI from Tormee Construction dated August 26, 2010 (Pre-Bid RFI #63):
- Please provide drawings showing the electrical runs required for the photovoltaic system.

A/E Response: The contractor is responsible to design and provide a complete photovoltaic system. Wiring of the system will depend on the design of the system.

- Please provide a more detailed photovoltaic specification. The included specification does not provide information on the racking and ballasting, data acquisition, the kiosk, and degree of tilt needed for the modules.

A/E Response: Specification provided is a basis of design specification. Contractor is responsible to design and provide a complete photovoltaic system per the specification. The details of the system are to be determined during the design process. Refer to section 1.3.A of specification 263100.

- Please clarify the location and mounting of the inverters for the photovoltaic system.

A/E Response: Refer to Dwg. E3.3a, Plan #2 for location and mounting of inverters for the PV system.

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d. Please clarify the location and mounting of the kiosk.

A/E Response: Refer to allowance #4 in revised Schedule of Prices attachment to Addendum #2.

e. On the bid form Alternate #4 is for the entire photovoltaic system. On drawing E3.4A there is mention of part of the photovoltaic system being part of Alternate #1. The explanation of Alternate #1 on the bid form and in specification section #012300 makes no mention of any part of the photovoltaic system being included. Please definitively clarify the scope of Alternate #1 and Alternate #4.

A/E Response: Edit 01 23 00, 3.1 to add: "b) Eliminate PV arrays in the area as shown on Drawing E3.4a."

f. On multiple E series and T series drawings there is mention of work in regards to Alternate #3. For example, drawing E2.3A shows adding an occupancy sensor in Corridor C21 for Alternate #3. According to the bid form Alternate #3 is in regards to substituting a KalWall system in place of Channel Glass system. Please clarify if what is marked on the drawings as Alternate #3 should be considered as part of Alternate #3. If not, please clarify if it should be considered as base bid or part of a different alternate.

A/E Response: The items noted on E-Series & T-Series drawings as relating to Alternate #3 actually relate to Alternate #2. Refer to Addendum #2 attachments.

g. Drawing E5.0B is labeled "Electric One Line Diagram Generator Power." There are transfer switches and a generator lug box shown. There are no specifications included for a generator or transfer switches. Please clarify the scope of work and provide the necessary specification sections. The answer from Addendum #1 stating to refer to Drawing E5.0B is not sufficient. No specifications are provided on this drawing.

A/E Response: Generator is to be a roll-up generator furnished by the client as needed and is not part of the scope of this project. Transfer switch is a manual transfer switch (double throw, safety switch) as is called out on drawing E5.0b and specification section 262816-2.2.

h. Site Lighting drawings C9 and E1.0 differ greatly on the quantities required for lights Type SA, SA2, and SB. Please clarify which drawing and quantities should be considered correct.

A/E Response: Quantities are to be based on civil drawing C9.

i. There is a power plan for the basement in Building Part B. However there is no lighting shown or a lighting plan provided for this area. Please clarify if there are any lighting requirements for this area.

A/E Response: Refer to drawing E2.1 for lighting in the basement of Building B.

j. There are no lighting fixture designations for any of the exit lights shown. Please clarify if they are to be Type EX, EX1, EM, or EM1. If they are none of the above please provide manufacturer and catalog information.

A/E Response: Refer to Addendum #2 MEP attachments.

k. On drawing E0.1 notes #8 and #9 state that wiring is by others. However the T series drawings do not have the same note and a cabling specification has been provided. Please clarify if the electrical contractor is responsible for cabling or "rough in" only.

A/E Response: Communications cabling shown on the T-Series drawings and specifications are part of the General Contract and should be included as shown.

l. Please clarify the scope of work in regards to the AV system. There is an AV cabling specification provided and AV drawings. There appears to be equipment shown on the AV drawings. Please clarify what is included in this contract (equipment, cabling,

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"rough in" only, etc). and whose responsibility it is. If equipment is required, please provide specification.

A/E Response: Refer to specification section 27 41 00 attached.

34. In response to Austin Helle RFI #RBC-23 dated August 25, 2010 (Pre-Bid RFI #64):

a. We received Addendum #1 this morning via UPS and then Knapp sent the missing front portion of the Addendum via e-mail and fax this afternoon.

After a quick and partial review, we state that the response #25 regarding the work in the Transcontinental Easement area is unacceptable. We have no relationship nor contract with them. As Owner and Owner's agent we must have clear directions from you as to what protection is required or what equipment may traverse the area. Take note of how close the new construction is to the easement line – approximately 5'.

Provide direction so that all bidders have the same information. Note also your words in the response "other agencies having jurisdiction...". How are we to know who has "jurisdiction"?

A/E Response: All proposed construction activities are shown outside of the existing gas easement. If any construction activity is to occur within the gas easement, the contractor is responsible for coordinating with the gas company. The contact information is as follows: Williams/Transcontinental, 1-800-235-7456; or Patricia Falcon, 609-462-7541, patty.m.falcon@williams.com; or Robert Ford 609-497-7549.

b. Response #18 notes the Privacy Fence is 12' 0" tall heavy timber fence and refers to drawing C.2.1 which came full size with Addendum #1. This drawings does not show up on the A-000. Does C.2.1 replace C.2 and should it be listed on A-000 instead of C.2?

A/E Response: Full-size drawing C.2.1 supersedes full-size drawing C-2.

35. In response to Austin Helle RFI #RBC-24 dated August 26, 2010 (Pre-Bid RFI #65):

We have further reviewed Addendum #1, received yesterday.

a. See the attached page 4 of 5 of the Addendum which lists the full-size drawings to be a part of the Addendum package. As you see, we received drawings that are not on the list. Please make appropriate corrections to the document.

A/E Response: Full-size drawings A-416, A-910, E-6.3 as well as Sketch A611 are attachments to Addendum #1 although not noted on the list.

b. We also attach Napco's cover pages to the Civil, Structural and MEP addendum sections. As you see here, the number of pages we received does not match the "Page Count" on the cover page. We do not know what is missing, if anything.

Please review and forward missing pages or advise that the listed page count is incorrect. We note that we have not counted the architectural package pages and, therefore, do not know if there is a problem in that set.

A/E Response: We have revised this item with Napco and there are no missing pages. All plan holders received all pages for Addendum #1. Napco's page counts include blank pages inserted for printing purposes.

36. In response to Milric Construction Corp. RFI Nos. 008 thru 013 dated August 26, 2010 (Pre-Bid RFI #66):

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- a. RFI #008 – 08 44 13-1.1A2 refers to "blast mitigation design" with regard to "infill panels". Is this a "blast mitigating" curtain wall spec? What about the storefronts and entrances and the glass products? Clarify please.  
A/E Response: Yes – provide blast mitigating curtain wall and glazing wherever laminated glass is indicated on the window elevation drawings A0700 thru A-706. Refer to Glazing Type Schedule.
- b. RFI #009 – 08 41 13-1.1A3 mentions "operating windows" which are shown in various storefront and curtain wall elevations. Is there a spec section for these windows as they do not appear in 08 41 13.  
A/E Response: Provide Kawneer operable window 8225PL as shown on A-700 Frame Types Schedule. To be provided by storefront and curtain wall fabricator/installer wherever operable windows are indicated on the window elevations.
- c. RFI #010 – 08 88 00 2.2 refers to glass "types" (i.e., 1, 2, 3, etc.). Glazing types shown on A-700 are called G1, G2, etc. Do the numbers in the "G" nomenclature coincide with the numbers of the glass "types"?  
A/E Response: Yes.
- d. RFI #011 – There are numbers (1, 2, 3, etc.) in hexagons on A701-A704. We cannot find the legend indicating what these numbers mean. Please clarify.  
A/E Response: Frame color. Notes to be clarified in Addendum #2.
- e. RFI #012 – Most of the frames called "cw" on A701 and 702 are of a size which allows us to utilize the 2" x 4-1/2" front glazed storefront system. Can this storefront product be used in lieu of the curtain wall product.  
A/E Response: No.
- f. RFI #013 – Glass types 1 and 3 are clear; types 2 and 4 are tinted. The glazing color chart on A700 indicated (3) different colors and clear (a, b, c, d). These designations do not appear on the elevations. Please clarify what glass tints go where.  
A/E Response: Glass tints are indicated on Dwg's. A701 thru A706. Glazing color sub no. are keyed behind glazing type where tinted glass applies.
37. In response to Ernest Brock & Sons RFI #3 dated August 26, 2010 (Pre-Bid RFI #67):  
a. Please advise where the funding for the project is coming from and if it is currently in place.  
A/E Response: Project is funded by the Owner and in part by a Section 15 Grant Agreement. The Contract Documents do not require the Owner to provide evidence of financing to pay for the contracted work and bidders shall assume financing is in place.
38. In response to Wallace Bros., Inc. RFI received August 26, 2010 (Pre-Bid RFI #68):  
a. Regarding Addendum 1 Revised Detail 2/A202.1 East Elev. (Cooling Tower Enclosure). This revised drawing references 8/A202, on sheet A202 there isn't an 8/A202 detail. Is revised Detail 2/A202 in Addendum 1 adding this elevation and if so, where is this elevation to be found on the building? Please give column lines for references in relationship to the building.  
A/E Response: 2/A202.1 which refers to 8/A202 is a new (added) elevation of east façade of Cooling Tower enclosure issued in Addendum #1. There is no

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column number associated with this enclosure wall. In relationship to the building, please see 2/A110. Elevation tag will be added on a sketch referring to 3/A110 in Addendum #2.

39. In response to Austin Helle RFI #RBC-25 dated August 27, 2010 (Pre-Bid RFI #69):
- a. We have been requested by one of our subs to find out if all the project funding is in place for the project and where it is coming from. Please advise. Thank you.  
A/E Response: Contractor is funded by the Owner and in part by a Section 15 Grant Agreement. The Contract Documents do not require the Owner to provide evidence of financing to pay for the contracted work and bidders shall assume financing is in place.
40. In response to Wallace Bros., Inc. RFI received August 26, 2010 (Pre-Bid RFI #70):
- a. Regarding Addendum #1 revisions to details.  
A634.1 drawings on this sheet seem to be identical.  
A638.1 drawings on this sheet are identical and state (Se 2/A638 and 3/A638 for Balance of Notes and Dimensions.) Detail on drawing 3-A638 does not relate to the drawing.  
A/E Response: Refer to drawings A634.1 and A638.1 issued with Addendum #2. The note: "See 2/A638 and 3/A638 for balance of notes and dimensions" noted on 1 & 2/A638 is deleted. Correct notes and material keys for these sections are issued as attachments to Addendum #2.
41. In response to Ingrassia Construction RFI #1 dated August 30, 2010 (Pre-Bid RFI #71):
- a. Please advise where funding for the project is coming from and if it is currently in place.  
A/E Response: Project is funded by the Owner and in part by a Section 15 Grant Agreement. The Contract Documents do not require the Owner to provide evidence of financing to pay for the contracted work and bidders shall assume financing is in place.
42. In response to Austin Helle RFI #RBC-26 dated August 30, 2010 (Pre-Bid RFI #72):
- a. Specification Section 236416 – 2.1A states that "manufacturers: Trane model size and capacity as noted and scheduled on plans." The schedule calls for the chiller to be by York/Johnson Controls. Which is correct? Please provide list of equivalent manufacturers for the chiller.  
A/E Response: Refer to Addendum #2 MEP attachments.
  - b. I believe there needs to be a minimum of three equivalent manufacturers for all major equipment. Please provide three equivalent manufacturers for the following equipment: Chillers, cooling tower, fan coils (especially since the schedules call for Johnson & Vulcan).  
A/E Response: Refer to Addendum #2 MEP attachments.
  - c. Notes 5 and 6 on drawing M2.1C states that all supply air and return air ductwork for AHU-1, 2A, 5, 10 and FCU-6 to be constructed according to SMACNA's 10" W.G. High Pressure. However, these units only have an external static pressure of 1.5" max. This duct construction will have a significant cost impact. Is there a lower duct classification that can be utilized?  
A/E Response: Refer to Addendum #2 MEP attachments.

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- d. I feel that the corridor ceiling height will be a major issue with the installation of all MEP equipment, not to mention being able to service the equipment. Can the corridor ceilings be lowered to 9'-0"?
- A/E Response: Finish ceiling heights must be maintained and it requires coordination of all trades by G.C.
- e. Please provide the specification for the kitchen exhaust fan and makeup air unit.
- A/E Response: Refer to Addendum #2 MEP attachments.
43. In response to Beynon Sports Surfaces RFI dated August 30, 2010 (Pre-Bid RFI #73):
- a. According to specification section 09 67 66 Fluid Applied Athletic Flooring, this type of flooring is to be installed in the Auxiliary Gym. However, no such room is found in the Architectural drawings or in the Finish Schedule. Please clarify the scope for Fluid Applied Athletic Flooring on this project.
- A/E Response: There is no fluid applied athletic flooring on this project. Spec section 09 67 66 is not applicable.
44. In response to Terminal Construction RFI #2 dated August 30, 2010 (Pre-Bid RFI #74):
- a. Reference to drawing S104. Please define the wall footing at column line 'B' between 5.1 and 20.7.
- A/E Response: Refer to drawing S101. Once inside the building the bottom of footing steps up from -3'-8" to -1'-8" as indicated on the drawings. Refer also to Section F9.
- b. Detail 1 and 2/A601 shows 8' high concrete wall at grid line B whereas drawing A-111 and S-101 refer to the same wall as masonry. Please clarify.
- A/E Response: The architectural sections 1 and 2 on A601 are cut inside the building at the 8'-0" tall concrete piers, not the outside play area that is referred to on A-111 as CMU 8'-0" AFF. These sections on A601 cut through concrete piers, not a continuous 8' tall wall. The interior concrete piers shown in those architectural sections are clearly indicated on the foundation plans as P5's. Between the P5 piers is masonry as indicated by hatching on both the foundation plan and on section F9. Sections R17, R18, R19, R20 and the Pier Elevation at R20 on sheet S-605 should be reviewed for conditions along these walls.
45. In response to Wallace Brothers RFI received August 31, 2010 (Pre-Bid RFI #75):
- a. Regarding Alternate 6; on sheet A106 there are wall partition types called out using 092900 A, B, C, D, G, etc. Where can I find a description of the drywall used. If the number and letters on the drawing corresponds to Spec 092900: 2.2-A thru I, the letters in the spec do not match up with the letters of the drawings; i.e., Drawing letter A is drywall and Spec letter A is the manufacturer of the drywall. Additionally, how do I know which letters to use on the drawing? The drawings have 092900 A or B or C or etc.
- A/E Response: A106 is missing material key information: Material Key 09 29 00 Gypsum Board and sub keys, which are the same as those appearing on A005. Clarification sketch will be issued in Addendum #2.
46. In response to Acme Stage & Sports Specialties RFI dated August 31, 2010 (Pre-Bid RFI #76):

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- a. I was told that there are not any scoreboards or shot clocks in the scope of work. Is this correct?  
A/E Response: Yes.
47. In response to Vanas Construction RFI dated August 31, 2010 (Pre-Bid RFI #77):  
a. After a cursory review of Addendum #1, we respectfully request that the following issue be clarified by Addendum:  
1) In response to the answer in Item 17e, Page 7 of 15 in Addendum #1, who is the current fence rental company?  
A/E Response: "Federal Rent-A-Fence", 1-800-260-8301.
48. In response to Tormee Construction RFI received August 31, 2010 (Pre-Bid RFI #78):  
a. Spec 053100 2.1B.3: Please confirm/clarify if and where acoustical metal decking with sound batt insulation will or will not be required (i.e, Cafeteria/Gym).  
A/E Response: Acoustical metal decking with sound batt insulation will be required at all exposed deck within Building A: cafetorium, gymnasium, media center.
49. In response to Pike Construction Bid RFI Set 1 dated August 10, 2010 and received August 31, 2010 (Pre-Bid RFI #79):  
a. RFI 3: Section 1/A636 calls for a number of materials in the 07 56 00 series. A review of the specification reveals that not all components of the Garden Roof Assembly have been called out. Is it the intent that only the components listed (not scheduled on the drawing) are to be provided?  
A/E Response: Refer to A-708 for all components of garden roof assembly. See Detail 2 on A-708 for components specifically in this area.  
b. RFI 4: Section 05 53 00 specifies aluminum bar grating. Section W8/S-602 calls for steel grating. Which is to be supplied?  
A/E Response: Notes on A-638 should say 05 53 00C galvanized steel bar grating. See Addendum #2 attachments.  
c. RFI 5: Drawing M2.3 indicates 10' x 4' fenced pad enclosure Re: Arch Plans. A-103 indicates the same enclosure "Re Mech. Dwg". Please coordinate and provide design.  
A/E Response: See architectural attachments to Addendum #2.  
d. RFI 6: Section 04 43 00 Para. 1.1.C refers to stainless steel shelf angles & lintels per "Metal Fabrications". Section 05 50 00 Metal Fabrications does not reference stainless steel. What is the specified material for these supports?  
A/E Response: As per spec; lintels and ledge/shelf angles – galvanized.  
e. RFI 8: A-904, purported on A-111 to provide gymnasium dimensions, is not in the drawing set. Where do we go for that information?  
A/E Response: Refer to A-904 issued with Addendum #1.  
f. RFI 11: Sketches A206.1 and A411.1 call for the contractor to provide "Supplementary Steel" to support the basketball backboard assemblies. These are critical structural elements subject to dynamic loads. Is the SER going to specify the sizes and connection details in time to prepare our bids?  
A/E Response: All supplemental steel supports for gym equipment to be designed by the contractor's H.J. licensed P.E. at time of shop drawing submittal.

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g. RFI 12: Is the "Water Curtain" (see sheet F2.2a) sprinkler system at the proscenium to be a "Deluge System" with a separate control or does it utilize standard upright heads?

A/E Response: The water curtain shall utilize standard upright heads and not a deluge system.

h. RFI 13: Section 11 40 00 Para. 3.07 refers to existing equipment. Please elaborate on where this is found so it can be viewed.

A/E Response: There is no existing equipment.

i. RFI 14: Section 11 40 00 calls for a significant amount of "future" equipment. Is the understanding that this "future" equipment is not provided under this contract correct? If so, what is the disposition of the ancillary equipment. For example Item No. 21 – Future Ventilator requires an above ceiling make-up air plenum and a fire protection system with a bit of electrical interface. Is any of this ancillary equipment or circuitry required to be installed under this contract?

A/E Response: Future equipment is not included in the contract. However, all related associated mechanical, electrical, plumbing equipment and installations are to be provided and installed under the Base Bid contract to serve the "future" equipment. Refer to food service drawings for MEP requirements.

50. In response to Pike Construction Bid RFI Set 2 dated August 31, 2010 (Pre-Bid RFI #80):

a. RFI 15: Please provide a blank copy of the Affirmative Action Questionnaire form referred to on page 21 of the Bid Documents.

A/E Response: There is no Affirmative Action Questionnaire required to be returned with the bid. However, the contractor must comply with Mandatory Equal Employment Opportunity Language, N.J.A.C. 17:27 – 1 et seq. The contractor should refer to the requirements given in Section 13.1 Mandatory Affirmative Action Certification of bid documents.

b. RFI 16: Is more than one copy of the bid package required to be submitted?

A/E Response: There is only one original bid package required to be submitted.

c. RFI 17: The Schedules & Reports section of the specifications give completion dates and milestones but no start date. Please advise on the number of days available to reach substantial and final completion from the Notice to Proceed.

CM Response: It is anticipated that Notice of Award will be made within 60 days of receipt of bids. Final completion is 8/1/12.

d. RFI 18: The bid documents provide for different limits of umbrella liability insurance based on whether or not the project is covered by a Section 15 Grant Agreement. Please advise if the project is covered by a Section 15 Grant.

A/E Response: Project is funded in part by a Section 15 Grant Agreement.

e. RFI 19: The bid documents indicate that the Owner shall provide Builder's Risk insurance and that the Contractor may be responsible for the deductible in certain circumstances. Please advise how much the deductible will be.

A/E Response: The deductible on the Builder's Risk policy is \$10,000.00.

f. RFI 20: Specification Section 01 85 00 Warranties & Bonds refers to 1.5C to a 2 year warranty period. Please confirm whether the warranty is to be for one or two years.

A/E Response: Refer to response to item #52e below.

g. RFI 21: Please provide the name and contact information for the current temporary fence rental vendor to whom (as per Addendum #1) the contractor is responsible to return the existing fencing to after the Owner's demolition has been completed.

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A/E Response: "Federal Rent-A-Fence", 1-800-260-8301.

51. In response to Hall Construction RFI #1 dated August 31, 2010 (Pre-Bid RFI #81):
- a. Drawing P2.1 detail #2 Basement Plumbing Plan calls for the installation of a P-1 simplex pump to serve the basement floor drains and area drains. Drawing P5.1 Plumbing Riser Diagram shows this pump as being the P-3A & P-3B duplex sewer ejector. Please advise which is the correct pump system.  
A/E Response: Drawing P2.1 detail #2 is correct, and the pump is Simplex Pump P-1. Drawing P5.1 shall be updated to reflect this.
  - b. Drawing P2.1 shows a 2'x3'x4' duplex sump pit in the chiller room. Drawing P2.2b calls for duplex sump pumps P3A & B to be installed in this pit with 2" forced discharge piping. Please indicate what are the pumps and discharge piping serving. Per drawing P2.1 and drawing P5.2 riser diagram the chiller room floor drains are not draining to the pump pit but are drawing into the sanitary system via gravity.  
A/E Response: Refer to detail #2 on Dwg. P7.2. The chiller room sump pit is designed only to serve the condenser water manual lowpoint drains.
  - c. Please advise if the stairwell sump pump discharge is to connect to the plumbing sanitary system per drawing P2.1 or extend to the site piping per drawing C4.  
A/E Response: Drawing P2.1 is correct.
  - d. Please indicate if the mechanical room, kitchen and bathroom floor drains are to be per the same specifications as noted in specification section 221319 2.2. If not, please provide specifications for each type.  
A/E Response: Specification Section 221319 shall be revised per addendum. Toilet Rooms – Jay R. Smith 2005. MER – Jay R. Smith 2420.
  - e. Please provide specifications for the stairwell area drains and kitchen floor sinks.  
A/E Response: Area drains – Jay R. Smith 2225. Kitchen floor sinks as specified on Food Service specification sections.
  - f. Please indicate if the classroom sinks are to be P-5's as called for on drawing P2.1 or P-5A's as called for on drawing P2.2.  
A/E Response: As indicated on Drawing P2.2 and Drawing P5.1.
  - g. Plumbing drawings do not show a backflow prevention device other than a check valve being installed on the incoming water service. Please advise if a more stringent backflow prevention such as a reduced pressure zone backflow preventer assembly is required. If so, please provide specifications.  
A/E Response: The Domestic and Fire Protection water service layouts are in accordance with local Water Department/Building Department requirements.
  - h. Specification section 220700 3.11 Indoor Piping Insulation Schedule calls for all domestic water and storm piping to be insulated with either Cellular Glass or Flexible Elastomeric insulation. Please advise if fiberglass type insulation can be applied to the domestic water and storm piping in lieu of the insulation type noted in the specifications. Cellular Glass and Flexible Elastomeric insulation are substantially more costly than fiberglass.  
A/E Response: The contractor shall bid on the specification as written.
  - i. In reference to the question above, if it is permissible to utilize fiberglass type insulation would 1" thick fiberglass type insulation suffice for all domestic water and storm piping?  
A/E Response: The contractor shall bid on the specification as written.

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j. Please indicate if insulation is to be applied to the vertical storm piping or only to the drain bodies and horizontal piping.

A/E Response: All storm piping shall be insulated. Questions concerning specific locations shall be reviewed during construction.

k. Specification 220700 3.12D calls for PVC jacketing to be applied to all exposed insulated piping. Please indicate if the angled storm piping (wall sections A602 & A606 for example) are to have a PVC jacket installed over the insulation. Also, please indicate if a PVC jacket should be installed over all mechanical room insulated water piping or only at an elevation below 8'.

A/E Response: Exposed, insulated piping shall be jacketed. Questions concerning specific locations shall be reviewed with both the engineer and architect during construction.

52. In response to Terminal Construction RFI #3 dated September 1, 2010 (Pre-Bid RFI #82):

a. Please provide the details of structural slab on grade at the outdoor activity area located outside the cafetorium. The structural drawings do not show any slab in this area.

A/E Response: The outdoor activity area outside of the cafeteria should be covered on the civil drawings. Since it is an exterior slab, the civil drawings and specifications would be better suited for this application.

b. New Addendum #1 has issued a new spec section 11 48 60 "Gym Dividers" to replace original spec. Also, a new spec 11 66 23 "Gymnasium Equipment" has also been issued. Problem: Paragraphs 1.4, 1.5, 2.2.2 and all of Part 3 of section 114860 are not applicable to Gym Dividers and are the same paragraphs as are included in new spec 116623. It would appear that there should be more to new spec 114860 and that the above mentioned duplicate paragraphs should be clarified.

A/E Response: Specification 11 48 60 revised and included with this addendum.

c. As per Addendum #1, Section IV, indicates that "drawings for which written descriptions will be issued as attachments to Addendum #1." However, none of the drawings mentioned in that list have been included with Addendum #1.

A/E Response: Only written descriptions were provided in those instances.

d. Specification Section 230901 has been reissued as part of Addendum #1, but there is only one page 75. Please clarify.

A/E Response: The revision occurred on page 75 only which is why it was reissued. All other spec section 23 09 01 pages are unchanged.

e. Reference is made to General Conditions page 65 paragraph 3.4.1 and page 8 Article 4.5 of the Advertisement for Bids both which indicate a warranty period of one year. However, specification section 018500, Warranties and Bonds, indicates a two year warranty period. Please clarify.

A/E Response: The warranty period shall be one year following the date of Owner's acceptance of the work and final payment issuance.

53. In response to Acme Stage & Sports Specialties RFI dated September 1, 2010 (Pre-Bid RFI #83):

a. I am seeing a specification for gymnasium dividers but do not see any on the drawings. Are there gymnasium dividers?

A/E Response: Yes, gym dividers are shown on A904 (issued in Addendum #1).

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54. In response to Joseph A. Natoli Construction RFI #3 dated August 31, 2010 (Pre-Bid RFI #84):  
Re: Fireproofing Details:  
a. Drawing S-105 – Confirm missing steel beam sizes on column rid line 27.  
A/E Response: The missing beam sizes will be indicated on structural attachments to Addendum #2.  
b. Drawing S-108 / S-109 – HSS 6 x 6 beams are noted to be fireproofed between column grid lines N and O near column grid line 41 on drawing S-109 but similar framing members are not labeled at column grid line 4 on drawing S-108. If they are fireproofed do the HSS 4 x 4 hangers need to be as well. Also confirm type of fireproofing if applicable.  
A/E Response: The structural plans will include additional notes re: fireproofing. See structural attachments to Addendum #2. Refer also to drawing A001 for extent of fireproofing.  
c. Drawing A-001 – Confirm if roof deck needs to be fireproofed at areas designated by E on first floor plan. Structural framing members are noted to be fireproofed in these areas.  
A/E Response: "E" designation on A-001 refers to fireproofing in the shaded area's columns only, not roof deck.
55. In response to Patock Construction RFI #8 dated September 1, 2010 (Pre-Bid RFI #85):  
a. Audio Visual System – According to Addendum #1 questions and answers, Page 12 of 15, 22C – the contractor must provide a complete working Audio Visual system(s) as detailed and specified in the bidding documents. Can you please provide a specification for the Audio Visual system for the Gymnasium and Cafetorium indicating equipment, manufacturers, part number, and wiring types; otherwise, we will only be providing conduits and boxes according to audio visual risers on sheets AV-201 and AV-202.  
A/E Response: Refer to specification section 27 41 00 (see attached).
56. In response to Century 21 Construction RFI #3 dated September 2, 2010 (Pre-Bid RFI #86):  
a. Architectural drawings call for 4" stone under the slabs, structural drawings call for 6" stone. Please advise which we are to follow.  
A/E Response: The Foundation Excavation and Subgrade Preparation of French & Parrello's geotechnical report indicates the use of 6" stone.  
b. Architectural drawing A113 Building 'B' partial floor plan shows Column line 25 whereas on Structural drawing S104 Building 'B' partial floor plan shows Column line 24 at the same location. Is this an error?  
A/E Response: Yes, it appears that the column grid numbering was not properly coordinated. We will revise the column grid to indicate line #25 on Building 'B' and also include line 24.1 on Building 'A' for the Conformed/Construction Set.  
c. Page 21 of 118 of the proposal documents; item number 8 calls for an "Affirmative Action Questionnaire" to be attached to the bid. We cannot find this form in the bid documents, please provide.  
A/E Response: See previous response to similar question above.  
d. With reference to the elevator, there is a discrepancy between the plans and elevator spec section. Plans call for a holeless unit while specs call for a cylinder unit. Please clarify.

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A/E Response: Plans revised, specifications are correct.

- e. According to Addendum #1 questions and answers, page 12 of 15, 22C the contractor must provide a complete working Audio Visual system(s) as detailed and specified in the bidding documents. Can you please provide a specification for the Audio Visual system (projector, motorized screen and speakers) for the Gymnasium and Cafetorium indicating equipment, manufacturers, part number and wiring types.

A/E Response: Refer to specification section 27 41 00 (see attached).

- f. According to Addendum #1, page 3 of 8, clarifications to the Architectural drawings b., i., the GC is to provide and install motorized window shades in the Cafetorium. There is no indication of circuits or locations on the electrical drawings nor is there any indication of circuits in the electrical panel schedules. Can you please indicate the quantity, locations and circuits for motorized shades on the electrical drawings and also in the panel schedules.

A/E Response: Refer to architectural and electrical attachments to Addendum #2.

- g. Please specify the finish surface (30 deg hatched lines shown on Landscape drawing C7) between Building B and Reinforced Turf Access Drive.

A/E Response: The diagonal hatched area next to the building represents 4" of topsoil and sod.

57. In response to Austin Helle RFI RBC #27 dated September 1, 2010 (Pre-Bid RFI #87):

- a. Addendum #1 gave a partial answer to the Sound Rated Doors and Frames question that was submitted to you. You noted that additional info would follow. Please give consideration to frame type matching to wood doors, doors that are framed with sidelites, the fact of full glass lites in STC rated doors and that you have doors with STC rated doors and that you have doors with STC ratings of 30, 35 & 40 when you provide additional responses.

A/E Response: Refer to previous RFI response.

- b. How does spec section 08 34 72 relate to this work?

A/E Response: Refer to previous RFI response.

58. In response to Terminal Construction RFI #4 dated September 1, 2010 (Pre-Bid RFI #88):

- a. Please provide the locations where typical slab on grade at exterior platform detail (on drawing S-700) applies.

A/E Response: The typical slab on grade details on sheet S-700 are typical details. The "at exterior platform" is one part of that detail and it may or may not be required on the project.

59. In response to Michael Riesz RFI #2 received September 2, 2010 (Pre-Bid RFI #89):

- a. The specifications call out for High Density Polyethylene Pipe with AASHTO M294-94, Types S, O-Ring rubber gaskets meeting ASTM F477. HDPE pipe & fittings shall be joined with gaskets according to ASTM D 2321. Note 8 on drawing C4 however calls for HDPE with watertight joints. Watertight pipe and fittings are joined according to ASTM D 3212. Which joint is actually required?

A/E Response: Provide watertight joints.

60. In response to Wallace Brothers RFI received September 2, 2010 (Pre-Bid RFI #90):

- a. Please verify that the demolition of the existing school building included removal of all concrete building footings, which is completed and part of a separate contract.

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A/E Response: The entire existing building has been demolished and removed. The only demolition included in the new school project is site demolition.

61. In response to Patock Construction RFI #9 dated September 2, 2010 (Pre-Bid RFI #91):
- a. Light gauge framing at Exterior Walls – What is the detail for anchoring the bottom track to the masonry walls? Hilti Shop Pins? Please provide detail. Unless otherwise advised, we will use shop pins.  
A/E Response: Assuming you are referring to powder actuated fasteners, these may be used to anchor the bottom track to the CMU. The actual Hilti fastener and spacing requirements are the responsibility of the Cold Form Framing designer and should be submitted for review with the shop drawings.
  - b. Addendum #1, Sketch A-804.1 – There are two sketches A-804.1. Is the second one a duplicate?  
A/E Response: There is only one A-804.1 in Addendum #1.
  - c. Addendum #1, Sketch A-804.1 – A microwave oven has been added. Who is supplying the microwave oven? If the General Contractor is to supply, please provide a specification.  
A/E Response: G.C. to supply the microwave oven, specifications issued as part of this addendum.
  - d. Specification Section 061000 Rough Carpentry – Item 2.4 says "Preservative Treatment: As specified in Section 06 07 00". There is no section covering Wood Preservative Treatment and none is shown on the contract documents. Unless advised or clarified in written addendum, we will assume no treatment is required.  
A/E Response: New Spec Section 06 10 00 issued with this addendum. All wood in contact with masonry shall be pressure treated. Refer to drawings.
  - e. Specification Section 061600 Sheathing – Item 2.3 refers to preservative-treated plywood. Item C says "Application: Treat items indicated on drawings and plywood in contact with masonry or concrete or used with roofing, flashing, vapor barriers, and waterproofing." However, nothing is shown on the drawings. Unless advised or clarified in written addendum, we will assume treatment is not required.  
A/E Response: New Spec Section 06 10 00 issued with this addendum. All wood in contact with masonry shall be pressure treated. Refer to drawings.
  - f. Drawing A-700, Details H1, H2, H4 & H5 – The details show various closure trim at the head of the window exterior side. It is not clear what this material is supposed to be. What are you using to close off the underside of the 7/8" hat channel between the cement board siding and the closure trim? Please clarify.  
A/E Response: Perforated trim by fiber cement panel system manufacturer. See architectural attachments to Addendum #2.
62. In response to Pike Construction RFI set #3 dated September 2, 2010 (Pre-Bid RFI #92):
- a. RFI 22: The "Roof Equipment Screens" appear to be required to be attached directly to the rooftop equipment without gaps (10 24 00 para. 1.8.A). Supporting this conclusion, there are no drawings showing offsets or the extent of the enclosures. Is piping and ductwork to be exposed or also enclosed? If enclosed, how is connection supposed to be achieved? If enclosed, has the piping been designed for the wind loads imposed by the screens? Rooftop equipment includes one MAU, two AHU's, six unfenced ACC's and two fenced ACC's. Are all of these to be enclosed?

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A/E Response: To be addressed in Addendum #2, revised sketches from A103 & A708.

- b. RFI 23: A103 indicates two fenced in ACC's on concrete pads "RE: MECH DRAWING". M2.3 indicates two fenced ACC's on concrete pads 'RE: ARCH PLANS'. A708 & A709, the roof details, do not address this condition, nor to A720 or A721. A) How thick is the concrete pad? Is it 3-1/2" as indicated for the ACC or will it be thicker to handle the wind loads on the fencing? B) Is the pad to be poured on top of the roof membrane? C) How tall is the fence? D) What kind of fence are we to provide? E) Are the fence posts to be cored into the pad or held down with bolts?

A/E Response: To be addressed in Addendum #2, revised sketches from A103 & A708.

- c. RFI 24: Are we going to be provided with spec section 09 62 29 for the wood flooring application on the walls at the Cafetorium stage?

A/E Response: See Section 09 64 00 Wood Flooring issued with this addendum.

- d. RFI 25: 7/A311 shows "translucent" P-Lam doors at the stage front. No details are provided to show how to accomplish this without the doors being easily subject to damage. Are they forthcoming?

A/E Response: There is no translucent P-Lam on this project. Refer to architectural attachments to Addendum #2 for revised finish on under stage doors.

- e. RFI 26: A811 depicts three display cases, all of which are numbered D103. On the drawing elevations we have found one display case in corridor D10 by opening EX22. This is noted to be the one in details 8, 9 & 10 on that sheet. We found the second (see elev 3) to be in the entrance area near security although not located on any plans or elevations we have found. The third depicted in elevation 7 is a problem. The south elevation of corridor C10 only shows one display case. The elevation of the north side of corridor C10, labeled as the north elevation of C12, does not indicate a display case. If we try to locate by the sink depicted in detail 5, it is outside or WR102. Is that correct?

A/E Response: The three custom built-in display cases are located in plan as follows:

1. In Entry Vestibule EXV1.
2. In Corridor C10 adjacent to Media Center to the right of door W22.
3. In Corridor C10 at exterior glazed wall across from the gym adjacent to Door EX22.

Refer to Dwg. A-112 for all large scale plans, elevations & details.

- f. RFI 27: Please provide guidance on the classroom window seats and the associated window shade pockets. 14/A811 refers us to 3/A631. This leads to Rooms 114CL and 204CL (please note both have acoustic ceilings and gyp board soffits at the windows). These are located on A113 and A115. Neither have any indication of window seats. We'll turn our attention to B/A801 and determine that there cannot be window seats in this room due to the presence of cubbies in elevation 9 on said page. On A807 we are met with a similar conundrum. Where to we find these window seats and how do we apply the maple ceilings indicated on the seat detail to the acoustic tiles?

A/E Response: Please refer to Addendum #1, Item 11D for clarification of all rooms which are to receive custom millwork window seats. In addition, refer to revised window seat details from Dwg. A-811 also included with this Addendum.

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The maple ceiling at the window seats no longer applies. Please refer to updated ceiling plans issued with this Addendum for ceiling information.

**g.** RFI 28: Please specify materials for the stage stair treads & risers.

A/E Response: See Detail 10/A-303 (provided on drawings).

63. In response to Tormee Construction RFI #3 dated September 3, 2010 (Pre-Bid RFI #93):
- a.** According to Addendum #1 questions and answers, page 12 of 15, 22C the contractor must provide a complete working Audio Visual system(s) as detailed and specified in the bidding documents. Can you please provide a Specification for the Audio Visual system for the Gymnasium and Cafetorium indicating equipment, manufacturers, part number and wiring types; otherwise, I will only be providing conduits and boxes according to audio visual risers on sheets AV-201 and AV-202.

A/E Response: Refer to specification section 27 41 00 (see attached).

- b.** According to Addendum #1 page 3 of 8, clarifications to the Architectural drawings, b., i., the GC is to provide and install motorized window shades in the Cafetorium. There is no indication of circuits or locations on the electrical drawings nor is there any indication of circuits in electrical panel schedules. Can you please indicate the quantity, locations and circuits for motorized shades on the electrical drawings and also in panel schedules?

A/E Response: Refer to architectural and electrical attachments to Addendum #2.

64. In response to Tormee Construction RFI #4 dated September 3, 2010 (Pre-Bid RFI #94):
- a.** According to Electrical Drawing E.01, typical branch circuit wiring legend a symbol shown as a triangle with line through it indicates either e #12 or 4 #12. Panel HP-BM schedule on Addendum #1 drawing #6 indicates that circuits for AHU's 6,7,8 and 9 Supply, Return and ERM (1,3,5), (9,11,13), 21,23,25), (27,29,31), (2,4,6), (8,10,12), (20,22,24) and (26,28,30) are all larger than 20 amps. An example of this symbol is shown on Electrical Drawing E3.1, detail 1 basement electrical power plan. The same symbols appear throughout the electrical drawings with no indication of conduit, wire and disconnect sizes. Can you please provide conduit, wire and disconnect sizes for the above referenced circuits and also for circuits indicated on other electrical drawings with this symbol.

A/E Response: Multi-circuit homeruns that require larger than #12 AWG and are to be installed in conduit larger than 3/4" has been revised in Addendum #2.

65. In response to Wallace Brothers RFI Received September 3, 2010 (Pre-Bid RFI #95):
- a.** Please provide details for 18" concrete pad on roof and aluminum rail on precast concrete curb as shown on roof plan A103 (attached).

A/E Response: Please refer to 2/A708 for the 18" concrete paver detail and 3/A708 for the rail on concrete detail (will be revised in Addendum #2, detail 5 will be added).

66. In response to Terminal Construction RFI #5 dated September 7, 2010 (Pre-Bid RFI #96):
- a.** Please provide the location of the Unit Kitchen as specified in Section 11 46 00.

A/E Response: Specification section 11 46 00 is not applicable to this project.

- b.** Reference to low masonry wall near northern property line along Innes Road (detail 8/A613). Please provide the structural details of the wall footing.

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A/E Response: The low wall's foundation would be similar to F13/S-601 and a combination of F6 & F13/S-601. There is no structural drawing of the "Memorial walk" low wall and seating bench since it is technically outside of the building.

67. In response to Fitzpatrick & Associates RFI dated September 7, 2010 (Pre-Bid RFI #97):
- In reference to the electrical scope, there is nothing listed in the spec for a monitoring system, weather station, or revenue grade meter. Is this to be included in the scope of work? If yes, is there any information on these items?

A/E Response: Refer to Allowance #4 on revised Schedule of Prices attachment to Addendum #2.

- Also, the spec lists a Display Kiosk as part of the scope of work but there is no information on this system for us to price. Is this to be included in the scope of work? If yes, is there any information on these items?

A/E Response: See response to item #67a above.

68. In response to Century 21 Construction RFI #4 dated September 7, 2010 (Pre-Bid RFI #98):

- See RFI #64, item a. above, question is identical.**

- Please advise if the following Specification Sections are being used on this project: 07400 Exterior Metal Wall Panels; 074113 Manufactured Roof Panels & Fascia; and 074150 Aluminum Faced Composite Panels.

A/E Response: Delete as noted (new Table of Contents issued).

69. In response to Brockwell & Carrington RFI dated September 7, 2010 (Pre-Bid RFI #99):

- Is A/V work by others?

A/E Response: Cafetorium and gymnasium audio-visual are to be provided in accordance with specification section 27 41 00 (see attached).

- Is Data work by others?

A/E Response: The T series drawings are included as part of the bid package. See the T series drawings for the scope included.

- Is Communication work by others?

A/E Response: The T series drawings are included as part of the bid package. See the T series drawings for the scope included.

- Is Fire Alarm System Voice Notification?

A/E Response:

70. In response to Pike Construction RFI #4 dated September 7, 2010 (Pre-Bid RFI #100):

- RFI 29: Section 09 77 20 calls for application of "Sanitary Wall Panels" in the "kitchen areas". The finish schedule calls for us to paint the kitchen walls. We understand that if the walls receive the panels, they are to be primed prior to application but the panels do not get painted. What is the extent of application of the panels? Floor to ceiling? In storage areas? In CS110? In the Servery?

A/E Response: Sanitary wall panels are to be provided from floor to ceiling throughout the kitchen KT110, Servery SV110, Can Wash W110. Also provide and install sanitary vinyl suspended ceiling tiles as per the finish schedule drawing(s) and specification section 09 51 13 (attached).

- RFI 30: In the room finish schedule on A006 the remarks column for Room 104TL refers us to note 5. Note 5 advises us to turn to sheet A115 to learn the extent of

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sound absorbing panels in the referenced room. A115 seems to show us sound panels along the perimeters of two mechanical rooms, 201ME and 202ME, although logic would lead to the conclusion that we only have the panels in the lightways. We find room 104TL on sheet A112 sans any reference to sound absorbing panels. If we refer to Section 1 on A612 we find that sound absorbing panels are to be established 9'-11" AFF in a lightway outside of room 201ME. The section does not define what finishes the space between the soffit and the curtain wall (i.e., in the Computer Room). Section 1/A608 shows us something furred off the walls in 104TL but doesn't tell us what it is. Turning to 202ME we find, in section 2/A602 (mis-labeled on the floor plan), that we have sound panels again in a lightway (this one above the lobby). The finish schedule makes no mention of these panels. We find elevations depicting two areas totaling about 500 sf of panel. Is that the extent? Absent enough labeled sections are we to figure sound panels on all available wall space in the lightways? Are there sound absorbing panels in the occupied area of 104TL?

A/E Response: Sound absorbing panels. Refer to 2/A-115, 9/A-311, & 2/A602.

- c. RFI 31: While reviewing the "stage equipment" specification a number of questions have come up. First, we would like to ask again, as a second party, question 23 responded to in the first addendum. Where are the pipe grids? Dead hung battens we can find, a grid we can't. There is also a dearth of information regarding the stage lighting. We have been unable to find a schedule advising the counts of the various fixtures specified nor is there any direction as to where to hang them prior to turning the building over. Section 116143 Para. 2.3A would lead one to believe that there are a number of dimmer racks of two different sizes. Is the only dimmer rack the one indicated in detail 3/A305?

A/E Response: Refer to Addendum #2 attached drawings and specification section 26 55 61 (spec section 11 61 43 is not applicable). There is no pipe grid. Refer to the pipe batten system shown on the drawings. There is only one dimmer rack as shown on the I-line diagram.

71. In response to Tormee Construction RFI dated September 8, 2010 (Pre-Bid RFI #101):
- a. Spec section 084423 – Fire Rated Glazed Steel Curtain Wall: There are no frames on the elevation sheets (A701-A706) that are shown to be fire rated. However, doors EX17, EX18 are to have 60 min ratings (as per the door schedule). This means the framing they are installed on should be fire rated as well (CW20 and CW26). Are the frames supposed to be fire rated? Or are the doors supposed to not be fire rated? Are there any other CW's that are supposed to be fire rated? If so, which ones are they?

A/E Response: W11 & W12 on A-701 thru A-706 are shown to be fire rated. However, the CW frames and doors EX17 & EX18 should **not** be fire rated.

- b. Sheet A700 – the color choice shown on this sheet for the CW, SF and glazing are to be "selected by the architect". Depending on which color s selected, the price will vary.

A/E Response: Color shall be as selected from manufacturer's full range of standard colors. Refer to A-701 thru A-706 (inner frame of operable windows are tagged with frame colors).

72. In Response to Unanswered Bidder Questions listed on Attachment to Addendum No. 1:

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- a. Item 1d. Bid form page 25. What are the dollar values, if any, for allowances 2 and 3?

A/E Response: Refer to the revised Schedule of Prices attachment to Addendum #2.

- b. Item 7a. Re: Specification 116800 – Play Field Equipment and Structures Subject: Clarification of Scope of Playground Equipment. The specification section 116800 for playground equipment indicates that the scope of the playground equipment is shown on the drawings. We do not see this equipment shown on the drawings. Please provide details for this scope of work.

A/E Response: Refer to the revised Schedule of Prices attachment to Addendum #2.

- c. Item 11b. A-303 has 062000 listed in Material Key and Sections. There is no Spec Section 062000. Also indicated is Translucent Plastic Laminate for under the stage doors, 5, 6, 7/A-303. There is no such material.

A/E Response: Specification Section 06 40 23 has been renumbered to 06 20 00 and revised for clarity regarding the material noted and is issued as part of this Addendum. Translucent plastic laminate shall be eliminated and replaced with typical high-pressure laminate NEMA LD 3 grade. Refer to Spec Section 06 20 00, Section 2.3, Item B.

- d. Item 11e. There is a Spec Section 114600 but Unit Kitchens are not shown anywhere on plans.

A/E Response: G.C. to provide & install under-mount microwave oven below wall cabinets in Faculty Work Room 106SR. Electrical Contractor to provide & install power to refrigerators and microwave oven. Revised Specification Section 11 31 00 Residential Appliances issued as part of this Addendum.

- e. Item 12a. Refer to drawings A303 & A311 – Cafetorium. First we note the Spec book does not include Spec Section 096429 – Wood Strips and Plank Flooring. Please provide. Provide mounting details for installing flooring on the walls. Provide termination and transition details where this abuts other products.

A/E Response: Refer to added Spec section 09 64 00 for spec information and notes for the two types of strip wood flooring.

- f. Item 16a. The Casework Notes on the drawings indicate that "all cubbies will have random selected color compartments." Will random color be used for the back panel or for the entire compartment.

Depending on how the above is answered, the question could arise, how will the edge be finished?

A/E Response: Random cubbies indicated with colored interiors shall have all four sides and back panel to receive a colored accent laminate. All edges throughout shall receive 3mm PVC edge banding in one common color. Refer to revised BE drawings for additional info.

- g. Item 17a. Allowances #2 and #3 on Page 25 of 118 do not include dollar amounts for the allowances. Please provide allowance description and amount.

A/E Response: Refer to the revised Schedule of Prices attachment to Addendum #2.

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h. Item 19a. Please provide the limits of the "Privacy Fence" on the West side of the property.

A/E Response: Refer to Addendum #2 civil attachments.

i. Item 21a. Drawing A-311, Elevations 7 and 9 – call for 096428A – Prefinished Solid Hardwood. There is no specification as provided. Please provide or clarify.

A/E Response: Refer to revised section 09 64 00 Wood Flooring.

j. Item 21c. Specification Section 012000 – Allowance: Does not list any allowance or give a description. The Form of Proposal lists three allowances. Allowance #1 is for \$2,000,000. There are no dollar figures for Allowances #2 and #3. Is that correct? Will any additional allowances besides #1 be used?

A/E Response: Refer to the revised Schedule of Prices attachment to Addendum #2.

k. Item 21e. Specification Section 093033 – Stone Tiling, Page 2, 6.2A. Nothing is spelled out for the basis of design.

A/E Response: Basis of design shall be Quartz Surfacing as manufactured by [www.okite.com](http://www.okite.com) or approved equal. Provide continuous lengths for window interior stools.

l. Item 21k. Specification Sections 083323, Overhead Coiling Doors and 083326, Overhead Coiling Grilles: Doors #EX3, EX4, 100SS-A, WR110-B, WR110C and SV110-C are not called as Coiling Grilles. Please advise if any of these doors are actually Coiling Grilles per Section 083326.

A/E Response: Refer to Addendum #2 attachments and response to similar pre-bid RFI above.

m. Item 26b. RFI #4: Does the Demolition Contractor's scope of work include removal and disposal of footings and foundation as well as backfill of any basement or subgrade area or is the cost of this work to be included with this Proposal?

A/E Response: The only demolition work in this project is site demolition.

n. Item 27d. A-103 shows Painted Aluminum Handrail on 6" x 6" precast concrete curb both at 9/F-G and the area shown in 2/A-103. Is all of this work to be as shown on 1/A607 or is it simple Handrail? Provide details of mounting to 6" x 6" precast concrete curb. In the same roof garden area there are two areas noted as "fence enclosure" around mechanical equipment. Is this the same product shown on 1/A607 or is it fencing of some sort? If so, what type and how high? Spec 055213 calls for Clear Anodized Aluminum Railing. Painted or Clear Anodized?

A/E Response: Refer to Addendum #2 attachments.

o. Item 29a. Regarding the sump pit for Duplex pumps P-3A & B. Drawing P7.2 directs to go to the Architecturals for details on the "waterproof concrete vault". We do not find these details.

A/E Response: Refer to Addendum #2 attachments.

p. Item 30a. Regarding allowances: Allowance #1 has a total of \$2,000,000 for Contingency work. Then there are Allowances #2 and #3 in the bid form that have no totals attached to them. Are Allowances #2 and #3 part of the bid, and if so, what are the dollar amounts of the allowances?

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A/E Response: Refer to the revised Schedule of Prices attachment to Addendum #2.

**End of Bidders' R.F.I.'s and A/E Responses**

Attachments:

Signed by: Paul Graebener, LEED AP

Date: 9-07-2010

Copies:  Owner  Consultants  Plan Holders  Const. Manager  \_\_\_\_\_  File

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## **M.E.P/FP. DRAWINGS & SPECIFICATION SECTIONS REVISIONS DESCRIPTIONS**

### **I. THIS ATTACHEMENT TO ADDENDUM #2 CONSISTS OF THE FOLLOWING:**

- a. Number of Pages: 10 pages w/o attachments
- b. Attachments: Refer to Attachments issued directly to all plan holders.
  - i. Revisions & clarifications to certain M.E.P/FP. drawings as noted below
  - ii. Revisions & clarifications to certain M.E.P/FP. specifications as noted below
- c. The attention of the bidder is directed to the following changes, additions, substitutions and/or clarifications affecting the above referenced content.
- d. This Addendum contains changes to the requirements of the Contract Drawings and Specifications. Such changes are deemed to be incorporated into the Contract Documents and shall apply to the work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of a paragraph of the Specifications, or any portion of any drawing, the remainder of the paragraph or drawings affected shall remain in force.
- e. The conditions and terms of the Specifications shall govern work described in this Addendum. Whenever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work, etc., included in the Specifications for similar terms of work shall apply to the work described in this Addendum.

### **I. THE FOLLOWING RELATE TO THE DRAWINGS**

#### Drawing F0.1

- 1.) Drawing shall be revised as per the attached sketch F0.1.1 Addendum #2.

#### Drawing F2.1

- 1.) Drawing shall be revised as per the attached sketch F2.1.1 Addendum #2.

#### Drawing F2.2a

- 1.) Drawing shall be revised as per the attached sketch F2.2a.1 Addendum #2.
- 2.) Drawing shall be revised as per the attached sketch F2.2a.2 Addendum #2.

#### Drawing F2.2b

- 1.) Drawing shall be revised as per the attached sketch F2.2b.1 Addendum #2.

#### Drawing F2.2c

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1.) Drawing shall be replaced by the attached full-size drawing F2.2c.1 Addendum #2.

Drawing F2.3b

1.) Drawing shall be replaced by the attached full-size drawing F2.3b.1 Addendum #2.

Drawing P0.1

1.) Drawing shall be revised as per the attached sketch P0.1.1 Addendum #2.

Drawing P2.1

1.) Drawing shall be replaced by the attached full-size drawing P2.1.1 Addendum #2.

Drawing P2.2b

1.) Drawing shall be revised as per the attached sketch P2.2b.1 Addendum #2.

2.) Drawing shall be revised as per the attached sketch P2.2b.2 Addendum #2.

Drawing P5.1

1.) Drawing shall be revised as per the attached sketch P5.1.1 Addendum #2.

Drawing P5.6

1.) Drawing shall be revised as per the attached sketch P5.6.1 Addendum #2.

Drawing P5.7

1.) Drawing shall be revised as per the attached sketch P5.7.1 Addendum #2.

Drawing M2.1c

1.) Drawing shall be revised as per the attached sketch M2.1c.1 Addendum #2.

2.) Drawing shall be revised as per the attached sketch M2.1c.2 Addendum #2.

Drawing M2.1d

1.) Drawing shall be revised as per the attached sketch M2.1d.1 Addendum #2.

Drawing M2.2a

1.) Drawing shall be replaced by the attached full-size drawing M2.2a.1 Addendum #2.

Drawing M2.2b

1.) Drawing shall be replaced by the attached full-size drawing M2.2b.1 Addendum #2.

Drawing M2.3

1.) Drawing shall be revised as per on the attached sketch M2.3.1 Addendum #2.

Drawing M5.3

1.) Drawing shall be revised per on the attached sketch M5.3.1 Addendum #2.

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Drawing M5.4

- 1.) Drawing shall be replaced by the attached full-size drawing M5.4.1 Addendum #2.

Drawing M 6.3

- 1.) Drawing shall be revised as per the attached sketch M6.3.1 Addendum #2.

Drawing E0.1

- 1.) Drawing shall be revised to delete Note #8 and Note #9 from the General Notes.

Drawing E1.0

- 1.) Drawing shall be replaced by the attached full-size drawing E1.0.1 Addendum #2.

Drawing E2.1

- 1.) Drawing shall be revised as per the attached sketch E2.1.1 Addendum #2.

Drawing E2.2a

- 1.) Drawing shall be revised as per the attached sketch E2.2a.1 Addendum #2.

Drawing E2.2b

- 1.) Drawing shall be revised as per the attached sketch E2.2b.1 Addendum #2.

Drawing E2.2c

- 1.) Drawing shall be revised as per the attached sketch E2.2c.1 Addendum #2.

Drawing E2.2d

- 1.) Drawing shall be replaced by the attached full-size drawing E2.2d.1 Addendum #2.

Drawing E2.3a

- 1.) Drawing shall be replaced by the attached full-size drawing E2.3a.1 Addendum #2.

Drawing E2.3b

- 1.) Drawing shall be replaced by the attached full-size drawing E2.3b.1 Addendum #2.

Drawing E2.3c

- 1.) Drawing shall be revised as per the attached sketch E2.3c.1 Addendum #2.

Drawing E2.3d

- 1.) Drawing shall be revised as per the attached sketch E2.3d.1 Addendum #2.

Drawing E3.1

- 1.) Drawing shall be revised as per the attached sketch E3.1.1 Addendum #2.

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Drawing E3.2a

- 1.) Drawing shall be revised as per the attached sketch E3.2.a.1 Addendum #2.

Drawing E3.2b

- 1.) Drawing shall be revised as per the attached sketch E3.2.b.1 Addendum #2.

Drawing E3.2c

- 1.) Drawing shall be replaced by the attached full-size drawing E3.2c.1 Addendum #2.

Drawing E3.2d

- 1.) Drawing shall be replaced by the attached full-size drawing E3.2d.1 Addendum #2.

Drawing E3.2e

- 1.) Drawing shall be replaced by the attached full-size drawing E3.2e.1 Addendum #2.

Drawing E3.3a

- 1.) Drawing shall be revised as per the attached sketch E3.3.a.1 Addendum #2.

Drawing E3.3d

- 1.) Drawing shall be revised as per the attached sketch E3.3.d.1 Addendum #2.

Drawing E3.4a

- 1.) Note #1 on drawing shall be revised to indicate "THE ELIMINATION OF THE ENTIRE PHOTOVOLTAIC SYSTEM SHALL BE PRICED SEPARATELY AS PART OF THE DEDUCT/ALTERNATE BID #4. THIS INCLUDES THE PHOTOVOLTAIC ARRAYS, INVERTERS, DISCONNECT SWITCHES, WIRING, CONDUIT, RACKING SYSTEM, ETC."

Drawing E3.4b

- 1.) Note #1 on drawing shall be revised to indicate "THE ELIMINATION OF THE ENTIRE PHOTOVOLTAIC SYSTEM SHALL BE PRICED SEPARATELY AS PART OF THE DEDUCT/ALTERNATE BID #4. THIS INCLUDES THE PHOTOVOLTAIC ARRAYS, INVERTERS, DISCONNECT SWITCHES, WIRING, CONDUIT, RACKING SYSTEM, ETC."

Drawing E4.3a

- 1.) Tag for horn strobe in TR 219 shall be revised to indicate "INCLUDE IN DEDUCT/ALTERNATE BID #2 AN AUDIO/VISUAL NOTIFICATION DEVICE IN TR."

Drawing E4.3b

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- 1.) Tag for horn strobe in Corridor C22 shall be revised to indicate "INCLUDE IN DEDUCT/ALTERNATE BID #2 AN AUDIO/VISUAL NOTIFICATION DEVICE IN TR AND SMOKE DETECTOR IN STORAGE ROOM."

Drawing E5.0a

- 1.) Tag for photovoltaic system shall be revised to indicate "DEDUCT/ALTERNATE BID #4".

Drawing E5.1

- 1.) Drawing shall be revised to include a control module and relay for the roll-up doors on the first floor.

Drawing E5.2

- 1.) Drawing shall be replaced by the attached full-size drawing E5.2.1 Addendum #2.

Drawing E5.3

- 1.) Drawing shall be revised to delete Detail #4.

Drawing E6.1

- 1.) Drawing shall be replaced by the attached full-size drawing E6.1.1 Addendum #2.

Drawing E6.2

- 1.) Drawing shall be replaced by the attached full-size drawing E6.2.1 Addendum #2.

Drawing E6.3

- 1.) Drawing shall be revised as per the attached sketch E6.3.1 Addendum #2.

Drawing E6.4

- 1.) Drawing shall be revised as per the attached sketch E6.4.1 Addendum #2.

Drawing E6.5

- 1.) Drawing shall be replaced by the attached full-size drawing E6.5.1 Addendum #2.

Drawing E7.2

- 1.) Drawing shall be replaced by the attached full-size drawing E7.2.1 Addendum #2.

**II. THE FOLLOWING RELATES TO THE PROPOSAL PAGES – NOT USED**

**III. THE FOLLOWING RELATE TO THE SPECIFICATIONS**

Specification Section 22 13 19 – Sanitary Waste Piping Specialties

The NEW Memorial Elementary School  
Board of Education of the Township of East Brunswick,  
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The original specifications and drawings, for the project noted above have been amended as noted in this Addendum. Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Form of Proposal.

1.) Paragraph 2.2 shall be revised as follows:

2.2 FLOOR DRAINS

A. Finished Areas/Toilet Rooms:

1. Jay R. Smith model 2005Y-A or a comparable product by one of the following:
  - a. Josam Company; Josam Div.
  - b. Tyler Pipe; Wade Div.
  - c. Watts Drainage Products Inc.
  - d. Zurn Plumbing Products Group; Light Commercial Operation.
2. Assembly: ANSI A112.21.2. Body: Duco cast iron with flashing. Accessories: Flashing collar with adjustable strainer head with sediment bucket.
3. Anchor Flange and clamping device: Required.
4. Top or Strainer Material: Round Nickel bronze.
5. Top Loading Classification: Light Duty.
6. Provide vandal proof top.
7. All floor drains shall be provided with a deep seal "P" trap.

B. MER spaces & Kitchen areas where not otherwise indicated on the food service drawings:

1. Jay R. Smith model 2420 or a comparable product by one of the following:
  - a. Josam Company; Josam Div.
  - b. Tyler Pipe; Wade Div.
  - c. Watts Drainage Products Inc.
  - d. Zurn Plumbing Products Group; Light Commercial Operation.
2. ANSI A112.21.1; Duco cast iron body with hinged grate, locking device, sediment bucket and flashing collar.
3. Anchor Flange and clamping device: Required.
4. Trap Material: Cast iron.
5. All floor drains shall be provided with a deep seal "P" trap.

C. Funnel Floor Drains:

1. Jay R. Smith model 3720 or a comparable product by one of the following:
  - a. Josam Company; Josam Div.
  - b. Tyler Pipe; Wade Div.
  - c. Watts Drainage Products Inc.
  - d. Zurn Plumbing Products Group; Light Commercial Operation.
2. Assembly: ANSI A112.21.2. Body: Duco cast iron with flashing. Accessories: Flashing collar with adjustable strainer head with sediment bucket, and funnel.
3. Anchor Flange and clamping device: Required.
4. Top or Strainer Material: Round Nickel bronze.

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5. Top Loading Classification: Light Duty.
6. Trap Material: Cast iron.
7. All floor drains shall be provided with a deep seal "P" trap.

Specification Section 22 13 19 – Sanitary Waste Piping Specialties

2.) paragraph 2.3 shall be added:

2.3 AREA DRAINS

A.

1. Jay R. Smith model 2225 or a comparable product by one of the following:
  - a. Josam Company; Josam Div.
  - b. Tyler Pipe; Wade Div.
  - c. Watts Drainage Products Inc.
  - d. Zurn Plumbing Products Group; Light Commercial Operation.
2. Assembly: ANSI A112.21.2.
3. "Safe-Set" bucket with flange, suitable for concrete deck installation. Cast iron body and flashing collar, with flush-mounted cast iron grate and sediment bucket. Side outlet, round top.
4. Provide vandal proof top.

Specification Division 23 – Mechanical Table of Contents

- 1.) The table of contents for Division 23 shall be revised as per the attached Mechanical Table of Contents.

Specification Section 23 07 13 – HVAC Duct Insulation

- 1.) "Note #2" in the table at the end of this section shall be revised as follows:
  2. Omit external insulation for internally lined ductwork except for outdoor installations or where specifically noted on plans. Refer to notes on drawing M2.1C. On outdoor installations insulation thickness shall be at a minimum as scheduled but not less than the height of standing seams or angle bracing."
- 2.) The table at the end of this section shall be revised to indicate that "Note #2" shall apply to the following category of ductwork:

"Interior H&V, AC systems SA & RA  
Including flexible run outs & all concealed,  
not internally insulated ductwork."

Specification Section 23 07 16 – HVAC Equipment Insulation

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- 3.) Add the following sub-paragraph to Paragraph 3.02:
  - “N. Insulate all pumps with type C insulation. Fabricate custom aluminum sheet metal enclosure around pump body and fittings. Cut and fit insulation to tightly fit the size and shape of the pump body parts including the volute and inlet and outlet piping and fittings. The enclosure shall be removable with out cutting or breaking the insulation. The enclosure shall be vapor tight to prevent condensation.”
- 4.) The table at the end of this section shall be revised to indicate that “type C” insulation, 1.5” thick, shall be provided for “Centrifugal and all air separators”.

Specification Section 23 09 01 – Direct Digital Control Equipment

- 1.) This section shall be replaced by the attached specification section 23 09 01.

Specification Section 23 09 93 – Sequence of Operations

- 1.) The attached specification section 23 09 93 shall be added to the specifications.

Specification Section 23 64 16 – Centrifugal Water Chillers

- 1.) Paragraph 2.1.A shall be revised as follows:
  - “A. Manufacturer: As manufactured by Johnson Controls/York; model, size, and capacity as noted and scheduled on plans.
    1. Other acceptable manufacturers:
      - a. McQuay.
      - b. Carrier.
      - c. Trane.”

Specification Section 23 65 00 – Cooling Towers

- 1.) Paragraph 2.1.A shall be revised as follows:
  - “A. Products: Shall be Baltimore Air Coil, BAC series 3000 as schedule on plans.
    1. Other acceptable manufacturers:
      - a. Marley.
      - b. Evapco.”

Specification Section 23 82 19 – Fan Coil Units

- 1.) Paragraph 2.1.A shall be revised as follows:
  - “A. As manufactured by Johnson Controls and as scheduled on plan.
    1. Other acceptable manufactures:
      - a. McQuay.
      - b. Trane.
      - c. Carrier.”

Specification Section 26 09 23 – Lighting Control Devices

- 1.) The following shall be added as indicated:

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“1.7 EXTRA MATERIALS

- A. Furnish extra materials described below that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Outdoor Photoelectric Switches: 10 % for each type and rating installed. Furnish at least one of each type.
  2. Indoor Photoelectric Switches: 10 % for each type and rating installed. Furnish at least one of each type.
  3. Indoor Occupancy Sensors: 10 % for each type and rating installed. Furnish at least one of each type.
  4. Outdoor Motion Sensors: 10 % for each type and rating installed. Furnish at least one of each type.
  5. Emergency Shunt Relays: 10 % for each type and rating installed. Furnish at least one of each type.
  6. Integrated Classroom Lighting System: 10% for each component of the system included by not limited to expansion packs, occupancy sensors and control center light switches. Furnish at least one of each type.”

Specification Section 26 51 00 – Interior Lighting

- 1.) The following shall be added as indicated:

“3.3 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to operate and maintain lighting system.”

Specification Section 28 31 11 – Digital, Addressable Fire-Alarm System

- 1.) The following shall be added to Paragraph 2.2.B as follows:  
“12. Activate roll up doors in corridors to close.”

**IV. QUESTIONS AND ANSWERS – NOT USED**

**V. REMINDERS – NOT USED**

**End of M.E.P/FP. Drawings & Specification Sections Revisions Descriptions**

Attachments:

The NEW Memorial Elementary School  
Board of Education of the Township of East Brunswick,  
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Signed by: Paul Graebener, LEED AP BD&C

Date: 9-09-2010

Copies:  Owner  Consultants  Plan Holders  Const. Manager  \_\_\_\_\_  File

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**DRAWINGS & SPECIFICATION SECTIONS REVISIONS DESCRIPTIONS**

**I. THIS ATTACHEMENT TO ADDENDUM #2 CONSISTS OF THE FOLLOWING:**

- a. Number of Pages: 3 pages w/o attachments
- b. Attachments: Refer to Attachments issued directly to all plan holders.
  - i. Revisions & clarifications to certain drawings as noted below
  - ii. Revisions & clarifications to certain specifications as noted below
  - iii. M.E.P/FP. Drawings & Specifications Sections Revisions Descriptions attachment to Addendum #2 (10 pages).
- c. The attention of the bidder is directed to the following changes, additions, substitutions and/or clarifications affecting the above referenced content.
- d. This Addendum contains changes to the requirements of the Contract Drawings and Specifications. Such changes are deemed to be incorporated into the Contract Documents and shall apply to the work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of a paragraph of the Specifications, or any portion of any drawing, the remainder of the paragraph or drawings affected shall remain in force.
- e. The conditions and terms of the Specifications shall govern work described in this Addendum. Whenever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work, etc., included in the Specifications for similar terms of work shall apply to the work described in this Addendum.

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- II. PERTAINING TO THE DRAWINGS:** Note: All drawing revisions & clarifications are not listed herein; see also revised drawings & clarification sketches (issued directly to all plan holders) for additional revisions & clarifications to the drawings.
- a. Clarifications to the Civil Drawings:
    - i. Refer to Civil attachments to Addendum #2 (see attachments).
  - b. Clarifications to the Architectural Drawings:
    - i. Clarification to Drawing Index A-000
      - 1. Under Applicable Codes, "Rehabilitation Sub Code" is not used
      - 2. Added drawing A-616 Wall Section
    - ii. Clarification to Code Notes & References A-001
      - 1. Under Applicable Codes, Rehabilitation Sub Code is not used
    - iii. Clarification to Door and Frame schedule A-002
      - 1. Door ME001-A has 60 min. Fire Rating
      - 2. Door EX3 & EX4 Reference Notes shall say: EXT. INSUL. ROLL UP DOOR (REFER TO SPEC #08 33 23)
      - 3. Door 100SS-A Reference Notes shall say: INTERIOR, OPEN OR SLOTTED MOTORIZED ROLL UP GRILLE, ( REFER TO SPEC. # 08 33 23).
      - 4. The following doors have changed Door Type to D-2 designation: CR-100-A, OC101-A, OC101-B, O1101-A, & O2101-A.
      - 5. The following doors have eliminated its Fire Rating: EX11, EX12, EX14, EX17, & EX18.
      - 6. Door V110-B has reference notes #6 (one leaf 180° swing) tagged in Reference Notes column.
      - 7. Reference Notes #1 has been revised as "MOTORIZED ROLL-UP DOOR."
    - iv. Clarification to Finish Schedule A-006
      - 1. The following rooms have changes ceiling heights to 9'-6": 209SG, 210SG, & 212CL.
    - v. Clarification to Deduct Alternate Bid #6 drawing A-106
      - 1. Clarification note "Ceramic Tile wainscoting See 01 23 00 #6ai" has been added to main corridors in drawings 1 & 2.
      - 2. Detail 3 sketches have been clarified with note 09 29 00B pointed to Gypsum Board layers on both sides of stud, and where Gypsum Board is used. Notes 09 29 00A, 09 29 00D, & 09 29 00G have been deleted in sketches 7a1 thru 7a5.
    - vi. Clarification to Enlarged Building Elevations A-203
      - 1. On drawing 2a, wall section tag 2/A631 has been updated to 3/A631.
    - vii. Clarification to Elevator Plan, Section, & Stair Details A-503
      - 1. On drawing 4, inside elevator cab dimension is clarified with dimensions: 4'-3" by 6'-8"
      - 2. In Material Key notes, under 14 24 00 Hydraulic Elevators, 14 24 00B is revised to say: "Holed Hydraulic Elevator Cab, Frame & Hardware."

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**viii.** Clarification to Enlarged Plan Details A-710 thru A-713

1. In all Fiber Cement Panel details, Hat Channels are eliminated. Refer to Details on 1/A713 for all revised details.

**ix.** Clarification to Casework Elevations A-801 thru A-807

1. Floor Patterns on reference floor plans are updated per A904 thru A909 issued in addendum #1.

**c.** Clarifications to the Structural Drawings: Refer to Structural attachments to Addendum #2 (see attachments).

**d.** Clarifications to the MEP Drawings: (see attachments)

- i.** Refer to MEP/FP attachments to Addendum #2 (see attachments).

**III. PERTAINING TO THE SPECIFICATIONS:** Note: All specifications revisions, clarifications & additions are not listed herein; see also revised specification sections & new specifications sections (issued directly to all plan holders) for additional revisions, clarifications & additions to the specifications.

- a.** Refer to the Drawing & Specification Revisions & Additions List attachment to Addendum 2. Refer also to all attachments to Addendum #2 for full extent of all revisions, clarifications, and additions to the bidding documents.

**End of Drawings & Specification Sections Revisions Descriptions**

Attachments:

Signed by: Paul Graebener, LEED AP BD&C

Date: 9-09-2010

Copies:  Owner  Consultants  Plan Holders  Const. Manager  \_\_\_\_\_  File



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## **DRAWING & SPECIFICATION REVISIONS & ADDITIONS LIST**

### **I. THIS ATTACHMENT TO ADDENDUM #2 CONSISTS OF THE FOLLOWING:**

- a. Number of Pages: 7 page w/o attachments
- b. Attachments: Refer to Attachments issued directly to all plan holders.
  - i. Revisions & clarifications to certain drawings as noted below. Refer also to all attachments to Addendum #2 for full extent of all revisions, clarifications, and additions to the bidding documents.
  - ii. Revisions & clarifications to certain specifications as noted below. Refer also to all attachments to Addendum #2 for full extent of all revisions, clarifications, and additions to the bidding documents.
- c. The attention of the bidder is directed to the following changes, additions, substitutions and/or clarifications affecting the above referenced content.
- d. This Addendum contains changes to the requirements of the Contract Drawings and Specifications. Such changes are deemed to be incorporated into the Contract Documents and shall apply to the work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of a paragraph of the Specifications, or any portion of any drawing, the remainder of the paragraph or drawings affected shall remain in force.
- e. The conditions and terms of the Specifications shall govern work described in this Addendum. Whenever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work, etc., included in the Specifications for similar terms of work shall apply to the work described in this Addendum.

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Project Dated: 7-29-10

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## II. PERTAINING TO THE DRAWINGS:

- a. Various drawings as noted below have been revised and will be forwarded as a separate attachment, directly to all current and future plan holders. *Note: All drawing revisions & clarifications are not listed herein; see also the new drawings, revised drawings & clarification sketches (issued directly to all plan holders) for additional revisions & clarifications to the drawings.*

1. Drawings for which written descriptions (only) will be issued, as attachments to Addendum #2 are as follows:

- a) A-000 COVER SHEET
- b) A-002 DOOR & FRAME SCHEDULE
- c) A-006 FINISH SCHEDULE
- d) A-106 DEDUCT ALTERNATE #6
- e) A-203 BUILDING ELEVATIONS
- f) A-503 ELEVATOR PLAN, SECTION & DETAILS
- g) A-710 PLAN DETAILS
- h) A-711 PLAN DETAILS
- i) A-712 PLAN DETAILS
- j) A-801 CASEWORK
- k) A-802 CASEWORK
- l) A-803 CASEWORK
- m) A-804 CASEWORK
- n) A-805 CASEWORK
- o) A-807 CASEWORK

2. Drawings for which 8-1/2"x11" and/or 11"x17" clarification sketch(s) will be issued, as attachments to Addendum #2 are as follows:

- a) C-1.3 NO TITLE (ADDED NOTE RE. CONSTRUCTION FENCING)
- b) C-7.4 NO TITLE (LANDSCAPING IMPROVEMENTS AT SOUND WALL)
- c) C-7.5 PLANT SCHEDULE
- d) C-9.3 NO TITLE (SITE LIGHTING REVISIONS AT "MEMORIAL WALKWAY")
- e) C-14.5 BOLLARD DETAIL
- f) A-003 DOOR & FRAME TYPE, HEAD & JAMB
- g) A-005 PARTITION TYPES
- h) A-103 ROOF PLAN
- i) A-110 ENLARGED BASEMENT PLAN
- j) A-111 ENLARGED FIRST FLOOR PLAN
- k) A-112 ENLARGED FIRST FLOOR PLAN
- l) A-113 ENLARGED FIRST FLOOR PLAN
- m) A-115 ENLARGED SECOND FLOOR PLAN

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**Addendum Date: 9-09-10**

**Project Dated: 7-29-10**

**The original specifications and drawings, for the project noted above have been amended as noted in this Addendum. Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Form of Proposal.**

- n) A-202 BUILDING ELEVATIONS
- o) A-204 BUILDING ELEVATIONS
- p) A-205 BUILDING ELEVATIONS
- q) A-303 STAGE PLAN, ELEV., & DETAILS
- r) A-311 INTERIOR ELEVATIONS
- s) A-313 INTERIOR ELEVATIONS
- t) A-601 WALL SECTIONS
- u) A-602 WALL SECTIONS
- v) A-605 WALL SECTIONS
- w) A-608 WALL SECTIONS
- x) A-610 WALL SECTIONS
- y) A-613 WALL SECTIONS
- z) A-633 WALL SECTIONS
- aa) A-634 WALL SECTIONS
- bb) A-635 WALL SECTIONS
- cc) A-636 WALL SECTIONS
- dd) A-638 WALL SECTIONS
- ee) A-639 WALL SECTIONS
- ff) A-641 WALL SECTIONS
- gg) A-714 PLAN DETAILS
- hh) A-721 WALL SECTIONS DETAILS
- ii) A-806 CASEWORK
- jj) A-810 CUSTOM MILLWORK
- kk) S-104.3 BUILDING 'B' PARTIAL FOUNDATION PLAN
- ll) S-105.1 BUILDING 'B' PARTIAL FIRST FLOOR FRAMING PLAN
- mm) S-106.2 BUILDING 'A' PARTIAL LOW ROOF FRAMING PLAN
- nn) S-106.6 BUILDING 'A' PARTIAL LOW ROOF FRAMING PLAN
- oo) S-107.1 BUILDING 'A' PARTIAL LOW ROOF FRAMING PLAN
- pp) S-107.2 BUILDING 'A' PARTIAL LOW ROOF FRAMING PLAN
- qq) S-108.1 BUILDING 'B' PARTIAL SECOND FLOOR FRAMING PLAN
- rr) S-200.4 BUILDING 'B' ALT. BID SECOND FLOOR FRAMING PLAN
- ss) S-300.4 BUILDING TRUSS ELEVATION COLUMN LINE D.9
- tt) S-300.5 DETAIL T1
- uu) S-300.6 DETAIL T3
- vv) S-603.1 SECTION S6
- ww) E2.1.1 BASEMENT ELECTRICAL LIGHTING PLAN
- xx) E2.2A.1 FIRST FLOOR ELECTRICAL LIGHTING PART PLAN
- yy) E2.2B.1 FIRST FLOOR ELECTRICAL LIGHTING PART PLAN
- zz) E2.2C.1 FIRST FLOOR ELECTRICAL LIGHTING PART PLAN

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- aaa) E2.3C.1 SECOND FLOOR ELECTRICAL LIGHTING PART PLAN
- bbb) E2.3D.1 SECOND FLOOR ELECTRICAL LIGHTING PART PLAN
- ccc) E3.1.1 NO TITLE (BASEMENT ELECTRICAL POWER PART PLAN)
- ddd) E3.2A.1 FIRST FLOOR ELECTRICAL POWER PART PLAN
- eee) E3.2B.1 FIRST FLOOR ELECTRICAL POWER PART PLAN
- fff) E3.3A.1 SECOND FLOOR SOUTH WEST ELECTRICAL & TR ROOM POWER PART PLAN
- ggg) E3.3D.1 SECOND FLOOR ELECTRICAL POWER PART PLAN
- hhh) E3.4D.1 ROOF ELECTRICAL POWER PART PLAN
- iii) E6.3.1 KPP-1A PANEL SCHEDULE
- jjj) E6.4.1 PP-2PV PANEL SCHEDULE
- kkk) F0.1.1 FIRE PROTECTION SYMBOLS, ABBREVIATIONS, AND NOTES (HYDRANT FLOW TEST)
- lll) F2.1.1 BASEMENT FIRE PROTECTION PLAN
- mmm) F2.2A.1 FIRST FLOOR FIRE PROTECTION PART PLAN
- nnn) F2.2A.2 FIRST FLOOR FIRE PROTECTION PART PLAN
- ooo) F2.2B.1 FIRST FLOOR FIRE PROTECTION PART PLAN
- ppp) M2.1C.1 FIRST FLOOR MECHANICAL PART PLAN
- qqq) M2.1C.2 FIRST FLOOR MECHANICAL PART PLAN
- rrr) M2.1D.1 FIRST FLOOR MECHANICAL PART PLAN
- sss) M2.3.1 ROOF MECHANICAL PART PLAN
- ttt) M5.3.1 MECHANICAL ROOF ABOVE STAGE SECTION VIEW
- uuu) M6.3.1 NO TITLE (EQUIPMENT FAN SCHEDULE PART PLAN)
- vvv) P0.1.1 GENERAL NOTES
- www) P2.2B.1 FIRST FLOOR PLUMBING PART PLAN
- xxx) P2.2B.2 FIRST FLOOR PLUMBING PART PLAN
- yyy) P5.1.1 BUILDING 'B' PLUMBING SANITARY RISER DIAGRAM
- zzz) P5.6.1 BUILDING 'A' PLUMBING STORM RISER DIAGRAM
- aaaa) P5.7.1 BUILDING 'B' PLUMBING STORM RISER DIAGRAM

3. Revised full-size drawings to be reissued and new full-size drawings to be issued, as attachments to Addendum #2 are as follows:

- a) C-1.5 SOIL RECOMPACTION PLAN
- b) C-2.2 SITE PLAN
- c) C-4.2 DRAINAGE & UTILITY PLAN
- d) A-007 FIRST FLOOR EGRESS PLAN
- e) A-304 STAGE RIGGING PLAN AND ELEV

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- f) A-410 BASEMENT REFLECTED CEILING PLAN
- g) A-411 FIRST FLOOR REFLECTED CEILING PLAN
- h) A-412 FIRST FLOOR REFLECTED CEILING PLAN
- i) A-413 FIRST FLOOR REFLECTED CEILING PLAN
- j) A-414 FIRST FLOOR REFLECTED CEILING PLAN
- k) A-415 SECOND FLOOR REFLECTED CEILING PLAN
- l) A-416 SECOND FLOOR REFLECTED CEILING PLAN
- m) A-603 WALL SECTIONS
- n) A-606 WALL SECTIONS
- o) A-611 WALL SECTIONS
- p) A-616 WALL SECTIONS
- q) A-700 ENLARGED WINDOW HEAD JAMB & SILL
- r) A-701 CURTAIN WALL ELEV.
- s) A-702 CURTAIN WALL ELEV.
- t) A-703 STOREFRONT ELEV.
- u) A-704 STOREFRONT ELEV.
- v) A-705 TRANSLUCENT GLASS & LOUVER ELEV.
- w) A-706 WINDOWS & LOUVER ELEV.
- x) A-708 ROOF DETAILS
- y) E1.0.1 ELECTRICAL SITE PLAN
- z) E2.2d.1 FIRST FLOOR ELECTRICAL LIGHTING PART PLAN
- aa) E2.3b.1 SECOND FLOOR ELECTRICAL LIGHTING PART PLAN
- bb) E3.2c.1 FIRST FLOOR ELECTRICAL POWER PART PLAN
- cc) E3.2d.1 FIRST FLOOR ELECTRICAL POWER PART PLAN
- dd) E3.2e.1 FIRST FLOOR ELECTRICAL POWER PART PLANS
- ee) E5.2.1 ELECTRICAL WIRING AND RISER DIAGRAMS
- ff) E6.1.1 ELECTRICAL PANEL SCHEDULES
- gg) E6.2.1 ELECTRICAL PANEL SCHEDULES
- hh) E6.5.1 ELECTRICAL SCHEDULES
- ii) E7.2.1 ELECTRICAL DETAILS
- jj) F2.2c.1 FIRST FLOOR FIRE PROTECTION PART PLANS
- kk) F2.3B.1 SECOND FLOOR FIRE PROTECTION PART PLANS
- ll) M2.2a.1 SECOND FLOOR MECHANICAL PART PLAN
- mm) M2.2b.1 SECOND FLOOR MECHANICAL PART PLAN
- nn) M5.4.1 MECHANICAL ROOM ABOVE COMPUTER LAB PART PLAN
- oo) P2.1.1 BASEMENT AND FIRST FLOOR SUB-SLAB PLUMBING PLANS

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**III. PERTAINING TO THE SPECIFICATIONS:**

- a. Various specifications sections have been revised and added, and will be forwarded as a separate attachment, directly to all current and future plan holders. *Note: All specifications revisions, clarifications & additions are not listed herein; see also other revised specification sections & new specifications sections (issued directly to all plan holders) for additional revisions, clarifications & additions to the specifications.*

1. Revised specification sections to be reissued and new specifications sections to be issued, as attachments to Addendum #2 are as follows:

A)	TABLE OF CONTENTS
B) 01 21 00	ALLOWANCES
C) 01 23 00	ALTERNATES
D) 01 32 33	PHOTOGRAPHIC DOCUMENTATION
E) 06 10 00	ROUGH CARPENTRY
F) 06 16 00	SHEATHING
G) 06 20 00	INTERIOR ARCHITECTURAL WOODWORK
H) 07 44 53	FIBER CEMENT REVEAL PANEL SYSTEM
I) 07 71 00	ROOF SPECIALTIES
J) 09 51 13	ACOUSTIC PANEL CEILINGS
K) 08 31 00	ACCESS DOORS
L) 08 33 23	OVERHEAD COILING DOORS
M) 08 33 26	OVERHEAD COILING GRILLES
N) 08 90 00	LOUVERS AND VENTS
O) 09 51 13	ACOUSTICAL CEILINGS
P) 09 64 00	WOOD FLOORING
Q) 10 13 00	DIRECTORIES
R) 10 14 00	SIGNAGE
S) 10 24 00	EQUIPMENT SCREENS
T) 11 31 00	RESIDENTIAL APPLIANCES
U) 12 24 13	ROLLER WINDOW SHADES
V) 12 48 60	FLOOR MATS
W) 23 09 01	DIRECT DIGITAL CONTROLS
X) 23 09 93	SEQUENCE OF OPERATIONS
Y) 27 41 00	AUDIO-VIDEO SYSTEMS
Z)	MECHANICAL TABLE OF CONTENTS

**IV. RESPONSE TO BIDDER QUESTIONS:** (all pre-bid questions that are received by the Architect by the cut-off date of 9/07/10 shall be answered in the same order in which they were posed):

- a. All pre-bid questions and corresponding A/E responses will be forwarded as a separate attachment, directly to all current and future plan holders.

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### **End of Drawing & Specification Revisions & Additions List**

Attachments:

Signed by: Paul Graebener, LEED AP BD&C

Date: 9-09-2010

Copies:  Owner  Consultants  Plan Holders  Const. Manager  \_\_\_\_\_  File

