

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO.03 TO CONTRACT NO. 1515

For
SOUTHWEST AREA HIGH SCHOOL
7651 SOUTH HOMAN AVE
NEW CONSTRUCTION

DATE: June 18, 2010

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 3: TECHNICAL SPECIFICATIONS:

- Change 1:** Section 00200 – “Information Available to Bidders”:
INSERT “Environmental Conditions Summary” in its entirety.
- Change 2:** Section 02315 - “Soil Management and Handling”:
DELETE Section 02315 in its entirety.
- Change 3:** Section 02963 - “Extensive Green Roof System”:
a. **INSERT** “Moisture Retention Mat: 3/8” thick, 100% recycled materials, 35% polypropylene and 65% polyester, moisture retention mat for maximum moisture retention beneath the drainage layer” to 2.2 B.
- Change 4:** Section 08660 – “Interior Window Guards”:
INSERT Section 08660 in its entirety.
- Change 5:** Section 10425 – “Metal Letters”
a. **REVISE** Article 2.3.C as follows: *“Letters and Numbers: Letter and Numbers either solid cast aluminum or fabricated hollow aluminum. Fabricate letters and numbers to required sizes....”*
b. **REVISE** Paragraph 2.3.C.2 from “8 inches” to *“as indicated on drawings”*
c. **REVISE** Paragraph 2.3.C.3 from “Helvetica” to *“Avant Garde or Centry Gothic”*
d. **ADD** the following paragraphs to 2.3.C:
4. *Letter Depth: 1/2” for Exterior; 3/8” for Interior*
5. *Distance from face of wall: 2 1/2” for Exterior; 1 1/2” for Interior*
- Change 6:** Section 10433 – “Interior Signage”:
REVISE paragraph 1.1.A.1 as follows: “One 9” x 3” room number or name sign at each door opening *with text and number* as established by the school principal.”
- Change 7:** Section 16781 - “CCTV System and Components”:
DELETE Section 16781 in its entirety.
- Change 8:** Section 16782 - “DVS System and Components”:
INSERT Section 16782 in its entirety.

Changes to Drawings: SET 1:

- Change 9:** Drawing(s) G2 SERIES, titled “LIFE SAFETY DIAGRAMS” for each floor:
INSERT the following General Note #16”

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At locations of exposed steel requiring intumescent coating to achieve fire rating and where indicated in the drawings provide coating and assemblies as describing in UL Design Numbers as follows:

*For W-shape columns: XR607 - 1HR; XR608 - 1 1/2 to 2HR; XR609 - 2 1/2 to 3 HR
For Tube Steel and Pipe columns: X650 - 1 to 3HR*

- Change 10:** Drawing G2.2 titled "SECOND FLOOR LIFE SAFETY DIAGRAM":
REVISE wall north of rooms A-234 and A-236 to be 1Hour Rated.
- Change 11:** Drawings SITE PREPARATION SP SERIES General Information added:
For Reference, attached with this addendum is Manhole Exhibit ME-1 indicating the progress of utility demolition at the Southwest Area High School site as performed by the PBC Site Prep Contractor.
- Change 12:** Drawing C3.0 titled "SITE GRADING PLAN":
REVISE grading as indicated inside drawing bubble – see attached sketch AD03-CSK004.
- Change 13:** Drawing C4.0 titled "SITE SEWER UTILITY PLAN":
a. REVISE 8" pipe to 10" pipe – see attached sketch AD03-CSK003.
b. REVISE CB-26 rim elevations 37.30 to 37.45 – see attached sketch AD03-CSK003.
- Change 14:** Drawing C5.0 titled "DETAILS":
REVISE kettle drain model "P5005-FL" to "P5008-FL" per attached sketch AD03-CSK001.
- Change 15:** Drawing C5.1 titled "DETAILS":
a. REVISE outlet pipe to clarify – see attached sketch AD03-CSK002.
b. REVISE 4' Minimum depth of sump to 3' Minimum – see attached sketch AD03-CSK002.
- Change 16:** Drawing(s) L7.2, titled "Green Roof Enlargement and Details":
INSERT note the following note "*Composite Drainage Layer and Moisture Retention Mat*" to be located underneath the growing media and filter fabric at Details 1, 2, 3, 4, 5 6, 7, and 8.
- Change 17:** Drawing(s) A1 SERIES titled "FLOOR PLANS" for each floor:
a. REVISE at demising walls between all classroom typed that are currently labeled as Partition Type D1 to be *Partition Type F5*.
b. REVISE at all locations Partition Type "Y2" to Partition Type "*D2*".
- Change 18:** Drawing A1.1c titled "MAIN LEVEL FLOOR PLAN AREA C":
REVISE Partition Type D1 indicated at the south wall of ADA Seating C-106 and the west wall of Pool Observation C-111 along Column Line 14 above the aluminum glazing to "*F5*" in lieu of "D1".
- Change 19:** Drawing A5.0 titled "KEY NOTES AND GENERAL NOTES":
a. REVISE Key Note 07-N1 as follows: "2" Mineral Wool Board Insulation – See Specifications."
b. DELETE Key Note 07-N2 as provided in Change 62 of Addendum No. 2.
- Change 20:** Drawing A6.0 titled "KEY NOTES AND GENERAL NOTES":
a. REVISE Key Note 07-N1 as follows: "2" Mineral Wool Board Insulation – See Specifications."
b. DELETE Key Note 07-N2 as provided in Change 69 of Addendum No. 2.
- Change 21:** Drawing A12.1 titled "DOOR SCHEDULE":
REVISE Doors A234 and A236 to be minimum Label C-45 in lieu of no label.
- Change 22:** Drawing A13.4 titled "FINISH PATTERN DETAILS":
At Ceramic Tile Pattern Drawings 1, 2, 3, and 4 DELETE the following note "First course to be cove base" at each detail. INSERT the following note "*Provide standard non-cove tile at base of wall.*"

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Changes to Drawings: SET 2:

Change 23: Drawing S4.10, titled "FRAMING SECTION & DETAILS":
REVISE Detail 1 according to attached sketch AD03-S01.

Change 24: Drawing S4.10, titled "FRAMING SECTION & DETAILS":
REVISE Detail 8 according to attached sketch AD03-S02.

Change 25: Drawings M5.04 titled "TYPICAL CLASSROOM LAYOUT":
CLARIFY that the typical classroom heat pump layout refers to all heat pumps serving the 2nd and 3rd floor spaces except corridors and bathrooms.

QUESTIONS & ANSWERS:

Please note that questions and answers #15-31 were issued as part of Addendum #02 dated 06/09/2010

Q/A 32. QUESTIONS

- 1). Can you clarify whether or not all spoils are to be spread in the parcels to the east? Is one 3" lift (as noted on Drawing C-SP-2.0 Note 4.B.) supposed to be 3' lifts and will they be requiring any compaction requirements there? Will there be an environmental report issued? Is a Unit Price sufficient for "Subtitled "D" landfill spoil haul-off?"
- 2). Is there going to be plans issued that show what elevations the Site Prep contractor will leave the site or do we assume the majority of the site will be stripped of 12" from existing elevation as shown on Plan C-SP-
- 3). Please clarify "excavate 1-0' of spoils or as necessary to meet proposed and existing grades..."? Does that mean all site improvements will be cut and filled to subgrade by the Site Prep contractor?
- 4). Will a Site Grading Plan be issued that shows proposed finished elevations for all the Athletic Fields, Parking Lots, Walks, Landscaped Areas...?
- 5). Is the Structural Fill in the Site Prep Contract the same as Select Fill – CA-6 in this contract?
- 6). Is it really the intent to hand dig the final 12" of all footings (as noted Drawing S0.01 Note EB.02)? This will amount to several cubic hundred yards, in stiff clay, given the size of most of the footings.
- 7). What is the intent for granular backfill adjacent to the walls? Is the entire excavation to be backfilled with CA-6 (as per the soils report EPI Page 16) or is the intent to have a drainage zone of CA-7 a certain distance from the building to ensure water gets to the under drains?
- 8). Demising wall between classrooms (Wall Type D-1) is shown as a shaft wall; please confirm that this is the correct wall type for this location.

ANSWERS

- 1) The parcel to the east of South Spaulding Avenue is beyond the construction limits of this contract. All GC spoils will either be hauled off or reutilized on-site per notes and direction given on Sheet C1.0. Unit prices for transportation and disposal of spoils are included in the Site Work Allowance schedule, included in Book 1.
- 2) Refer to Sheet C-SP-2.0 issued with Addendum No. 2.
- 3) Refer to Sheet C-SP-2.0 issued with Addendum No. 2.
- 4) Refer to grading plan C3.___ series drawings.
- 5) Yes
- 6) The final 12" is to be hand-dug at the perimeter basement footings only. See notes on Sheets S1.00a, S1.00b, and S1.00c for the wall hatch indicated the required locations.
- 7) Per the soils report, CA-6 is to be used for all backfill material.
- 8) The demising wall between classrooms shall be revised to Partition Type F5 in lieu of D-1.

Q/A 33. Q: There is a riser diagram for the Rescue Assistance System on sheet E4.07 and it shows the Main Control Panel on sheet E2.00b, but I can't seem to find any Call Station[AR] symbols or any other

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symbols for this system on the plans. Is there a Rescue Assistance System being installed in this project?

A: Correct, there is a rescue assistance system as shown on E4.07. The Call Station "AR" symbols shown on the E2.__ series drawings are correct; however the symbol letters are reversed showing "RA" on riser E4.07. That said, the riser E4.07 typo error has been corrected via Addendum 2.

Q/A 34. QUESTIONS:

- 1). Specification Section 09648 – Wood Stage Flooring
 - a. Please confirm 1" tempered plyon over plywood is top "wood" layer. Also, please confirm if there is a finish or field applied finish for this material.
- 2). Please provide the limits of the demolition contractor's scope of work currently on site and how it compares to demolition and excavation bid documents.
- 3). Will the current demolition operations be stock piling acceptable material (top soil/back-fill) in adjacent lot as specified in the bid documents? If so, who is to maintain the stock piles after contract is awarded?
- 4). Has the site been cleared of Hazardous Materials which are addressed in specification section 02300/3.2/A?

ANSWERS:

1. a) Plyon is the top wood layer that shall receive finish per the floor finish drawings.
- 2) Refer to Drawings C-SP-1.0 and C1.0 to verify limits of work between site prep contractor and building contractor.
- 3) Yes, the JOC contractor for Site Preparation is stockpiling acceptable material in the eastern site. The stockpiles east of Spaulding will be fenced off through the JOC scope of work and unavailable to the GC, as instructed by the PBC Design PM. The GC will not need to maintain the east of Spaulding.
- 4) The PBC has received unconditional "No Further Remediation" letters from the Illinois Environmental Protection Agency.

Q/A 35. QUESTIONS

- 1) Detail 9/AS.11 refers to both "running track material" on the concrete pad portion and "synthetic track" on an asphalt base portion. Can these two materials be assumed to be the same?
- 2) Drawing A1.2A indicates a section cut in the Instrumental Room A-239 as being shown on 9/A5.19; however, this page does not exist. Please provide this drawing detail.
- 3) Fume Hood Spec 11610 2.4.C Does not specify a fume hood liner. Please confirm that white polyresin liner is acceptable.
- 4) There is a discrepancy with the pegboards and what is called for in the equipment schedule on the drawings and the pegboards specified in section 12348. The equipment schedule calls for epoxy and the specifications call for stainless steel. Please advise via addendum which material is to be used when providing the pegboards.
- 5) Section 12348: Model of Safety Goggles has not been specified in this section of work. Via addendum please advise and provide model of safety goggles required.
- 6) Section 12348: The epoxy resin tops at the adjustable height student workstations is drawn with what appears to be a drop lip edge. Again, this is in contradiction to what has been listed and written in the specifications. Please confirm via addendum that we are to follow the specifications for all epoxy tops.
- 7) Please provide locations and minimum spacing for the Utility Space framing required in section 12348.
- 8) Please provide via addendum a size and or a model number we are to use for the aluminum grilles details in 1/A8.24a.
- 9) Section 12348: Item 37 on the elevations and the equipment schedule calls for an Apron Rail; however, there are no details showing what is required at these locations. Please provide via addendum details showing what is to be provided for item 37.

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11) Section 12348: The elevation for the B36 ADA sink cabinet shows what appears to be 4 to 6" wide end panels/support legs. Please advise if this is what is intended or are these cabinets to have standard end panels along with the angled removable face panel? Via addendum please provide details of the end panel required.

11) Section 12348: The description of the emergency Center as shown on the equipment schedule (12) and the description in the specifications (page 8 2.9.D) do not match. The elevation shown on the drawings does not match the description in the specifications. Also, there are no details for this unit. Please advise via addendum which item we are to provide as well as details for this unit.

12) Section 12348: Please confirm via addendum that drop in (self molded) epoxy sinks are acceptable.

13) Section 12348: The detail shown for the epoxy counter tops with the 2 1/2" edge does not match the description in the specifications. The specification list a square edge 1" thick with continuous drip groove. Please confirm that we are to provide epoxy tops per the specifications.

14) Please provide clarification as to the right-of-way work involved in this contract. There appear to be discrepancies between work shown on Landscape, Civil and Architectural Site drawings. Drawing L5.1 indicates that these trees are NIC, but there is a planting schedule for these same trees on L9.5. Note 11 on L8.1 and Note 3 on L8.2 seem to contradict each other regarding required underdrainage scope of work. There is also significant sodding and mulching in the ROW area. Drawing AS.1 note along Homan Ave "New Curb, Parkway Trees, and Sidewalk on east side of Homan Ave from 76th Pl to 75th Street Refer to Civil and Landscape Drawings." This area appears to be in the area noted as NIC, work by DCOT ROW Construction on C2.0 outlined by dashed lines. Please clarify this scope.

15) Drawing E2.01a, E7.06 and E7.08 call for Motorized Shades at five (5) windows in the Library (A-120), but the specifications 12503 says that the section "includes motorized shades in the Gym." Please clarify whether Motorized Shades are desired in the Library as well.

ANSWERS

1) Yes, the Synthetic Track is the same as the Running Track material.

2) Refer to Section 9/A6.19.

3) 1/4" reinforced polyresin with smooth finish and white in color is acceptable for the fume hood liner. Flame Spread shall be 15 or less per UL 723 and ASTM E84-80.

4) Provide epoxy as indicated on the equipment schedule.

5) Model Number is provided on the Sheets A8.23 and A8.24 Item #10

6) Provide epoxy resin tops per the specifications. Provide the adjustable metal legs and configuration per the drawings.

7) Provide Utility Space Framing at wall cabinet locations spaced 12" o.c.

8) Provide model BX1970 BLK 2 7/16" x 8 11/16" or similar AOR approved model. Finish as selected by AOR.

9) Item #37 Apron Rail shall be custom wood 18"H x 48"W millwork accessory with finish to match laboratory casework. Provide 32 coat hooks secured to the wood. Rail to be mounted 48" A.F.F. Edges shall be eased.

10) These cabinets have standard end panels along with the angled removable face panel as shown on the drawings.

11) Provide Emergency Center as described in the specifications with the exception of the molded resin sink and hot and cold water gooseneck mixing faucet.

12) Provide sinks as specified to be factory molded.

13) Provide Counter Tops with edge as specified.

14) The limits of work line indicated on sheet C2.0 is correct. All construction, including landscape, pavement, and utility improvements, inside this limit of work line will be completed by others, prior to, and/or concurrent with GC scope of work. The GC right of way scope includes only Homan Avenue south of 76th Place and 77th Street from Homan to the western ROW line of Spaulding.

15) Provide motorized shades in library at windows where power has been provided for these devices. Specification clarified above.

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Q/A 36. QUESTIONS

- 1) For the ARA instructions for Use sign, is this to be the same size as the corresponding ARA sign 9"w x 9"h? Please verify.
- 2) On sheet A15.1 the Accessible Entrance sign and ARA Directional signs for exterior applications are listed as 6 w" x 8"h and per specification section 10431 they specify the sizes as 18"w x 12"h , which size is correct?

ANSWERS

- 1) Provide sign 9"W x 9"H for ARA sign with instructions for use.
- 2) Provide 18"W x 12"H

Q/A 37. QUESTIONS

- 1). Drawing A1.0a indicates a ladder and guardrail in pool equipment room A-039. What is the material of the ladder and rails? Please provide details of what is required.
- 2). Drawing S4.10 indicates that the 60" diameter cistern is to be provided by others. Are the pedals and pedal supports by others as well? Please clarify what is to be included in our bid.

ANSWERS

- 1) The ladder and rails shall be galvanized.
- 2) The Cistern and all of its components are to be included in the base bid under the General Contractor. The Cistern is NOT provided by the Owner.

Q/A 38. QUESTIONS

- 1). Addendum #1, Issued 6/4/10 indicates in the table of contents that a new specification section (08910 Aluminum Window Wall) has been added, however, the actual so specification has not been included in the addendum,
- 2). Various details such as 3 (and other details) on A7.10a show detail 03-A5 at elevator pit walls and up foundation wall and extending under slab is 03-A5 which is vapor retarder. Is 03-A5 in these details supposed to be an 07 series note and if so, please clarify which one ? Is there a certain elevation of slab on grade that should have a typical 07 note associated with it ? *(See attached Sketch RFI #44)*

ANSWERS

- 1) Any revisions to Specification Section 08910 were included in the text of Addendum 01. The section was not resubmitted.
- 2) Revise Note 03-A5 to 07-D3 at the elevator pit and on the foundation walls.

Q/A 39.

Q: 1. The acoustical specs calls for type A to be 1" and type B tile to be 3/4". The rest of the descriptions are the same which makes no sense along with the fact that the tiles called for do not come in a 1" thick tile. How should we proceed?

A: The 1" thickness is a typo; the thickness for both Types A and B shall be 3/4" thick.

Q/A 40. QUESTIONS

- 1). Drawing FP0.00 note 27 specifies schedule 40 pipe. The specification allows for schedule 10 for pipe 2½" and larger. Please clarify.
- 2). Drawing FP0.00 note 12 indicates FM equipment and installation practices. What is FM?
- 3). Drawing FP0.01 Indicates (4) Fire Department Connections. City Code would require only (2). Please confirm.
- 4). The FP plans do not indicate where FP scope work starts?
- 5). The FP plans indicate window sprinklers. Addendum 1 sketch AD01-A13 indicates a vertical sidewall sprinkler. There is a cost difference. How would you like it quoted?

ANSWERS

- 1) Schedule 10 piping for sizes 2 ½" and larger will be allowed where indicated in the specifications
- 2) FM is the abbreviation for Factory Mutual Global, the leading insurance standard provider for fire protection systems and practices.

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3) Section 9-15-16-390 of the CBC required one connection per street exposure up to (2) connections and also requires an additional connection on each of these exposures wherever the length of such an exposure is over 200ft. Since both exposures exceed this length, a total of four connections are required.

4) Question is not clear.

5) The question is not clear. The project includes special sprinkler head placement to maintain the fire rating of glazed wall assemblies. Provide appropriately rated sprinkler heads.

Q/A 41. Q: Raynor Doors is listed in the acceptable manufacturers for Specification Section 08332, however they are not listed under Specification Section 08340. Is Raynor an acceptable manufacturer for the Overhead Heavy Duty Roll-Up Fire Door?

Doors C032a, C032b, and C032c are listed as pairs of doors on the door schedule; however they are shown going into frame type 10 which is for triple doors. Are these doors supposed to go into type 9 frames which would be for pairs?

A: Raynor is acceptable to AOR for Section 08340.

Please coordinate with plans – there are three sets of pairs of doors.

Q/A 42. Q: Please clarify the Catch Basin detail attached to this email which is on plan page C-5.1. Also, related to the area drains, detail #10 on sheet C5.0, there is a conflict in what is being called for. The plan calls for 18" X 36" Kettle Drain Model P5005-FL. The manufacturer's choices are:

18" X 18" Model P5005-FL

Or

18" X 36" Model P5008-FL

A: Use kettle drain model P5008-FL (18"x36"). Revise flat top catch basin detail as attached with this addendum. See further information in this addendum for clarification.

Q/A 43. Q: 1. Specification section 14211 for Machine Room-less elevator for two speed doors and drawings depict single slide which is correct?

A: Provide per the specification section 14211.

Q/A 44. Q: Spec Sec. 15181 - 3.1A & D Piping Applications - Will schedule 40 steel pipe with **WELDED** joints be acceptable for pipe sizes 2-1/2" to 4"? Schedule 40 pipe is more cost effective than the 2-1/2 to 4" copper material. Also 2-1/2" to 4" SCH 40 flanged and threaded joints are a little more labor intense. Please advice.

A: This is not acceptable. Provide as specified. This response included in Addendum No. 2.

Q/A 45. **QUESTIONS**

1). Need details of the 6" x 8" anodized aluminum sprinkler baffels? How long are they? Who does the cut outs?

2). Aluminum Composite Panel details: 11/12 A6.10, A/H A11.7b, O A11.8 all show the panel system glazed into the window wall system. This is not recommended being that this material is being installed by others. We would close off all pockets sim. to details N/K A11.8, E 11.7b. To get the warranty from us the installer.

3). Details 11/12 A6.10 Is the interior aluminum trim composite panel system as drawn or aluminum brake metal trim by the window wall installer? Sim. detail E A11.8 details brake metal trim by the curtainwall installer.

ANSWERS

1) See Addendum No. 1 Sketch AD01-A13 for soffit detail. Add a note to the sketch as follows:

Aluminum baffle thickness is to be 1/8" min. and located at the center of every vertical mullion. All edges are eased for safety.

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2) In order to accommodate reasonable construction tolerance and differential movement of window wall system and metal panel system, we will revise our detail(s) to NOT have the "glazing-in-lip" of the metal panel into the window glazing pocket at these locations. Metal panel is to die into the blocking, and the gap between window frame and metal panel is to be sealed with backer rod and sealant for air and water tight condition as shown in issue for bid documents.

3) Yes, all break metal adjacent to window and curtain wall is to be provided by window and curtain wall manufacturer.

Q/A 46. Q: In section 01352 LEED REQUIREMENTS 1.2 DEFINITIONS A. Chain-of-Custody Certificates.....and FSC accredited certification is required on this project for wood products. However, Chain-of-Custody and FSC accredited certification **is not stated in the lab casework specifications section 12348**. Can you verify that Chain-of-Custody and FSC wood products are not part of the 12348 section?

A: FSC wood is not required in Division 12, only in Divisions 02 through 10.

Q/A 47. Q: Keynote 08-H1 on A5.0 of the drawings calls for Interior Wire Mesh Window Guards; however there is not a specification section for these. Please provide.

A: Refer to Specification Section 08660 Metal Fabrications.

Q/A 48. Q: The plans list all of the chain link fence fabric and supports as being powder coated. Is this correct, or will vinyl coating be acceptable for the chain link fabric and support posts?

A: All ornamental fences are to be powder coated. The ornamental chain link fence shall match this finish. Vinyl coating is NOT acceptable.

Q/A 49. **QUESTIONS**

1). A15.1 Room Signage schedule does not clarify the location or quantity of each sign shown. Please clarify.

2). Drawing A3.8 shows the metal letters for the exterior signs to be solid aluminum pin mounted (which would be water jet cut). The specs call for dimensional fabricated aluminum. Please verify which is correct.

3). Drawing A15.1 Exterior Environmental Info Signage schedule says See Sheet "TBD". Please verify to which sheet is to be referred.

4). Drawing A15.1 Exterior Identification schedule shows 3 "accessible entrance" signs and 1 "inaccessible entrance directional" sign. The specs call for one of either of the signs at each entrance. Please verify which is correct.

5). Drawing 15.1 Exterior: Parking signage schedule shows quantities for Principal Parking and Reserved Parking as "TBD". Please verify these quantities.

ANSWERS

1) See revisions to specifications in this addendum. One room sign is required at each door opening to the room.

2) Dimensional letters and numbers to be either solid cast aluminum or fabricated hollow aluminum. Letter heights are as indicated on the drawings. Exterior letter depth is to be 1 ½", and interior sign depth is to be 3/8". Distance between face of wall to backside face of signs to be 2 ½" for exterior sign, and 1 ½" for interior signs. Letter style (font) is to be either Avant Garde or Century Gothic.

3) Refer to Addendum No. 2

4) Provide as indicated in the specifications.

5) Allow for (2) two Principal Parking signs and (5) five Reserved Parking signs.

Q/A 50. Q: They revised the masonry notes to include vertical reinforcing, but I still need clarification. In note MS.11 on sketch AD01-S01 it says to provide vertical reinforcing at wall intersections, ends of walls and jambs of openings greater than 2' in width. Do the contents of note MS.11 refer to exterior walls only or

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do I need vertical reinforcing at these locations for interior walls also? This could be a very large cost difference.

A: Note MS.11 refers to exterior walls only.

Q/A 51. QUESTIONS

For Specification 07550:

- 1a. Can we use a energy coated modified bitumen sheet? Spec states we can (2.2 SBS A. 1.) but calls out for coating of modified bitumen (2.5 Auxiliary materials F. and 3.3 roof coating A.).
- 1b. Can we use an APP modified bitumen sheet? Spec states we can (2.2 SBS A.) but the execution talks about an SBS application.

ANSWERS

- 1a) Energy coated modified bitumen sheet is not acceptable.
- 1b) APP modified bitumen sheet may be used on cold adhesive applied only.

Q/A 52. QUESTIONS

- 1). Keynote 08-H1 (Interior Window Guard) on 2/A5.1 is pointing to an exterior screen. Please clarify if 08-H1 should be revised to 08-J1 (Exterior Window Guard)
- 2). There are other details such as A, B, K, J on A11.3b that reference "Window guard on interior. See spec" and there is no specification section detailing interior window guards. A,B, K and J are shown at C50 on A11.3A. 08661 specifically indicates that the spec is for "Exterior Metal Window Guards". Please clarify if there are interior window guards and if so, please provide specification section.

ANSWERS

- 1) Revise Keynote tag 08-H1 (Interior Window Guard) on 2/A5.1 to 08-J1 (Exterior Window Guard).
- 2) Interior window guards shown on A11.3A are correct. Clarification: Interior window guards are provided only in Gymnasium for the purpose of protecting window glazing and blinds from balls. See attached Specification 08660 for interior window guards.

Q/A 53. QUESTIONS

Ref. Equipment Schedule G 4.0

- 1) Item 16 – Specialty Audio Visual System state that equipment is to be provided under separate contract (e.g., televisions, projectors) but also states General Contractor to Furnish and Install. Please clarify.
- 2) Please also confirm that the televisions shown in the Science Labs are part of the Special Audio Visual System.
- 3) Per Drawings 6 & 7/A 8.14, General Contractor is to provide recycling containers at Recycling Area B104 but per Equipment Schedule recycling containers are to be provided by the Owner. If they are to be provided by the General Contractors, please provide specifications.
- 4) Football bleachers are listed as both not included and included.
- 5) Science Lab, Ref. Science Lab Equipment Schedule Drawing # A 8.23 & A 8.24
 - a) Item # 1 & 13 Student Work Station Stools and Teachers' Chairs are listed in the equipment schedule but not identified on the Drawings, nor are they included in Laboratory Casework Specification #12348. Please confirm that they are to be provided by CPS.
 - b) Confirm that Item #20 Full-size Refrigerator is by General Contractor since Dishwasher is identified as by Owner.
 - c) Item #26 Mobile Microscope Storage Case is not shown on Elevation or Plan.
 - d) Item #30 Tote Tray Storage Case is not shown on Elevation or Plan.
 - e) Item #42 Television, Please confirm that CPS will Furnish and Install.
 - f) Item #12 is shown on Elevation 2/A8.23 but mislabeled as Item 10 on Plan.
 - g) Confirm that the unlabeled rectangular figure on Elevation 8/A8.23 to the left of the door should be labeled Item #11.

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6) Please confirm that the Library Theft Detection System shown on 5/A 8.18 ___ are to be installed in the future by CPS per Drawing 2 / A 8.18b.

7) Drawing A1.2A references Section 9/ A5.19 through instrument room A-234 tiered seating. Please provide correct reference detail since there is not a Drawing A 5.19 in the current bid set.

ANSWERS

1) Special Audio/Visual System infrastructure is to be installed by the General Contractor. The system equipment will be determined by CPS. The General Contractor will then furnish and install the specified equipment. An allowance has been provided in the bid form.

2) The televisions in the Science Laboratories are included in the Special Audio/Visual System.

3) Recycling containers will be furnished and installed by CPS.

4) Football bleachers as indicated on AS.___ series drawings are included in the contract bid documents to be provide and installed by the GC.

5a) Stools and Chairs are NIC – provided by Owner

5b) Refrigerator is NIC – provided by Owner

5c) Provide one Mobile Microscope Storage case per Preparation room. Location to be determined with AOR.

5d) On Elevation 1 and 2 on Sheet A8.24, the unit labeled Item #11 at the extreme left shall be relabeled Item #30. There shall be one Tote Tray Item #30 per prep room. (Plans shall be relabeled accordingly.)

5e) Item #42 Television to be provided by Owner.

5f) Revise Item #10 in plan to read Item #12 as indicated on elevation 2/A8.23

5g) This item is correctly labeled as Item #3.

6) Library Theft Detection System will be installed by the Owner outside of this contract.

7) Please refer to Section 9/A6.19.

Q/A 54. Q: In Section 17/S3.03 – What is the intent with the “Typical Note A” that points to the O.F. vertical and horizontal bars in this section. It indicates the need for the rebars to be epoxy coated.

A - Please advise if the epoxy coating is to be provided for the O.F. only?

B – Please advise if the I.F. bars are to be epoxy coated.

C – Please advise if only the horizontal (I.F. and/or O.F) above the grade elevation is to be epoxy coated, so the horizontal bars below the grade elevation is plain.

D – Please advise the extent of this section and impact of the epoxy coated bars. There are other sections adjacent to this section call out on the plan view that do not indicate the need for any bars to be epoxy coated.

A: The intent of the note is to identify that reinforcing steel located at an exposed exterior face of concrete is to be epoxy coated. This includes, but is not limited to, exterior concrete walls, stairs, slabs, ramps and curbs.

A - Epoxy coated bars shall be provided at the I.F. of concrete as well, since the I.F. of this wall is exposed and part of an exterior stair.

B - The I.F. bars, above the slab on grade, are to be epoxy coated.

C - Horizontal bars above grade, both I.F. and O.F., shall be epoxy coated.

(Note that grade at the O.F. will be at 0'-0", and grade at the I.F. will be at -10'-4")

D - Although the adjacent sections do not call out epoxy coated bars in the section, epoxy coated bars are to be provided per general note RS.01 on sheet S0.01 which states that “Reinforcing steel at exposed exterior concrete shall be epoxy coated...”. Again, this includes, but is not limited to, exterior concrete walls, stairs, slabs, ramps and curbs.

Q/A 55. Q: In Spec Section 13085 Sound Control Doors, they call for a STC56 door. I cannot find this in the door schedule. Are there high STC rated doors on this project and where can I find them?

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A: Contractor to provide as required to meet STC ratings indicated in the plan diagrams on A9.___ series drawings.

Q/A 56. Q.: Per the just released Addendum #2, Page 9 of 26 states, "Change 51: Drawing AS.8 titled "Baseball Field Plan and Details": Replace Entire Sheet.

A. In the attached drawings, a replacement AS.8 is not included. Please clarify if there should have been a drawing in the attached file.

All changes related to AS.8 were described in the text of Addendum No. 2 Change 51.

Q/A 57. Q: The wall types on A1.0a – A1.3b do not match all of the STC ratings called for on A9.4 – A9.7. can we assume that the wall types called for on sheets A1.0a – A1.3b take precedence over the STC ratings on A9.4 – A9.7 unless told otherwise?

A: The STC ratings indicated on Sheets A9.4 thru A9.7 shall take precedence. These diagrams are in alignment with the prerequisite requirements of LEED for Schools.

Q/A 58. **QUESTIONS**

1). Per specification section 02316 (Soil, Backfill & Topsoil Removal) paragraph A1, excavated material that is non-special waste soils or non-hazardous special waste soils shall be spread evenly over the northwest portion of the site. Please confirm what, if any, material that is to be excavated can be left on site since the Phase II ESA report (referenced in spec 02315) including attached exhibits showing location of soil borings analytical results were not included with the specifications. Please also provide a copy of the referenced Phase II ESA report including all attachments, focused site inspection report, remediation objective report, remediation action plan report, and site remediation program which the specification section 02315 references and requires us to comply with.

2). Spec. section 03300 page 20 item 3.12 - E references: Provide **lightweight** concrete fill on ROOF LEVELS to slope surface for drainage to roof drains (and it is a general statement and does not clarify as shown on the drawings.) Drawing A1.4 specifically calls out "tapered lightweight concrete topping" only at Roof Areas A-6, A-8, and A-9. All other concrete is called out as "concrete topping" which is assumed as being the regular weight concrete (metal deck fill.).

Drawings/cuts do not show specific lightweight topping at areas col. lines (16-1,G.1-D (Roof Area A-4,A-3 and B-1)), (14.4-13,G.4-G.1(Roof Area A-5)),(10-6,G.6-G.1(Roof Area B-4)),(15.5-13.8 & L line (Roof Area C-4)),(18-11.3, 7.5-12,B-d (Roof Area A-1, A-2)).

Please confirm that the roof area designations per A.4 showing lightweight concrete topping are to be followed over the specification listing.

3). There are also several details that are shown that are detailing "tapered lightweight concrete topping" per details 4 / A1.7 (near G-17.5), 3 / A1.7 (near H.7 – 10.9), 4 / A1.7 (near K.8 – 10.9), and 4 / A1.7 (near L – 17.4) and the roof area designation says C-1 or C-2 which does not call out "tapered lightweight concrete topping". Please clarify what detail or drawing is to be followed in regards to the "tapered lightweight concrete topping". If we are to follow the section cuts, is this typical only at the typical perimeter condition where specific sloping is shown (i.e. – Is it also required for the sloping showing between 13.8 – 14 and G-L or is this sloping done with tapered insulation).

ANSWERS

1) Specification section 02315 was deleted as part of this addendum. Please see the "Environmental Conditions Summary", added to section 00200 as part of this addendum. All environmental reports will be made available to the successful bidder.

2 and 3) Our intent is as follows:

In structural valley lines on Roof Area A-2 (CL C.9 between 11.3 & 18), Roof Area C-1 (CL 11 between G.1 & L and CL 13.8 between G.4 & L), Roof Area C-2 (CL L between 15.3 & 19 and CL G between 15.3 & 19) and C-3 (CL 19 between G & L):

- Positive slope-to-drain must be provided within the concrete topping pour – no insulation will be used to provide drainage below the waterproofing membrane.

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- At contractor's option, this slope-to-drain may be accomplished by screeding the structural concrete topping slab [to increased thicknesses indicated], or; a 2-inch "step" can be provided in the structural topping at the drain lines (as shown in details 3/A1.7 and 4/A1.7) with a secondary, lightweight concrete pour screeded to provide positive slope-to-drain [to increased thicknesses indicated].

On Roof Areas A-6, A-8 and A-9, the structural concrete topping pour will be installed flat. The slope-to-drain will be provided by a secondary, lightweight concrete pour screeded [to increased thicknesses indicated].

Q/A 59. QUESTIONS

- 1). Drawing M5.01 - Basement Mechanical Plan indicates an 8" dia. pool water heater vent flue up. This vent flue is not shown on any drawings above the basement or termination point.
- 2). Drawing M5.04 - "Typical Classroom Layout" indicates sections of double wall ductwork from vertical heat pumps. There are (24) typical classroom. However, there are many more rooms: Science Laboratories, Chemistry, Prep rooms, Men & Women's toilets, Computer Labs, Art rooms, Storage rooms, etc. with vertical heat pump configurations. Does the "Typical Classroom Detail" apply to all other rooms as listed above. Since double wall duct is considerably more costly than single wall duct, we would appreciate clarification of this item?

ANSWERS

- 1) The 8" pool water heater flue shall extend up to the roof and terminate at the roof per Chicago Building Code.
- 2) The typical classroom heat pump layout refers to all heat pumps serving the 2nd and 3rd floor spaces except corridors and bathrooms.

Q/A 60 . Q: Is there a drawing that shows where the required wireless access points are to be installed?

A: There are no wireless access points as part of this project.

LIST OF ATTACHMENTS:

Environmental Conditions Summary

<u>Spec. No.</u>	<u>Title</u>	<u>Date</u>	<u>Pages</u>	<u>Format</u>
08660	Interior Window Guards	6/15/2010	4	8.5" x 11"
16782	DVS System and Components	6/15/2010		

<u>Sketch No.</u>	<u>Title</u>	<u>Date</u>	<u>Pages</u>	<u>Format</u>
AD03-CSK001	Area Drain Detail	06/10/2010	1	8.5" x 11"
AD03-CSK002	Flat Top Catch Basin Detail	06/10/2010	1	8.5" x 11"
AD03-CSK003	Utility Sketch West of football field along Homan Ave	06/14/2010	1	8.5" x 11"
AD03-CSK004	Grading Sketch West of football field along Homan Ave	06/14/2010	1	8.5" x 11"
AD03-S01	Cistern Elevation	06/11/2010	1	8.5" x 11"
AD03-S02	Pipe Support Detail	06/11/2010	1	8.5" x 11"
ME-1	Manhole Exhibit "FOR REFERENCE ONLY"	06/10/2010	1	11" x 17"

END OF ADDENDUM NO. 03

Mayor Richard M. Daley, Chairman

Erin Lavin Cabonargi, Executive Director