

PUBLIC BUILDING COMMISSION OF CHICAGO
ADDENDUM NO. 1 TO CONTRACT NO. 1537
FOR
HENDERSON ELEMENTARY SCHOOL
5650 S. Wolcott Avenue
RENOVATION

DATE: December 1, 2011

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 2: STANDARD TERMS AND CONDITIONS FOR CONSTRUCTION CONTRACTS:

Change 1: Book 2, Section 21.03, paragraph 1.b., change the first sentence to read:
"The Contractor agrees to ensure that the aggregated hours of Work to be performed under this Contract will be performed such that at least 50% of the Work is performed by actual residents of the City of Chicago and 7.5% is performed by Community Residents."

CHANGES TO BOOK 3 - TECHNICAL SPECIFICATIONS:

Change 1: TOC – Table of Contents

- a. Page TOC-4, Schedule of Drawings, **DELETE** ASB Series drawings.
- b. Page TOC-8, Division 16 – Electrical, **ADD** line reading, "16750 – Assistive Listening Device Systems....6"
- c. Page TOC-8, **ADD** a "Drawings" heading to read as follows:
"DRAWINGS
ASB1.0 – Basement Abatement Plan....1
ASB1.1 – Basement LBP Mitigation Areas....1
ASB1.2 – Basement ACM Abatement Areas....1
ASB2.0 – 1st Floor Abatement Plan....1
ASB2.1 – 1st Floor LBP Mitigation Areas....1
ASB2.2 – 1st Floor ACM Abatement Areas....1
ASB3.0 – 2nd Floor Abatement Plan....1
ASB3.1 – 2nd Floor LBP Mitigation Areas....1
ASB3.2 – 2nd Floor ACM Abatement Areas....1
ASB4.0 – 3rd Floor Abatement Plan....1
ASB4.1 – 3rd Floor LBP Mitigation Areas....1
ASB4.2 – 3rd Floor ACM Abatement Areas....1
ASB5.0 – Gymnasium Abatement Plan....1
ASB5.1 – Gymnasium LBP Mitigation Areas....1
ASB6.0 – Roof Abatement Plan....1
ASB7.0 – Roof Abatement Plan....1"

Change 2: **ADD** Section 16750 – Assistive Listening Device System, per attached specification section.

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CHANGES TO DRAWINGS:

- Change 3:** Drawing G.101, titled, "Drawing Index – Phase II"
- a. Under the "Architectural" heading of the Schedule of Drawings, **ADD** lines to read as follows:
"AR.102 – Roof Plan
AR.103 – Roof Enlarged Plans
AR.201 – Roof Details
AR.202 – Roof Details
AR.203 – Bird Screen and Chiller Enclosure Details
AR.301 – Typical Coping and Flashing Details
AR.302 – Typical Roofing Details"
 - b. Under the "Structural" heading of the Schedule of Drawings, **REVISE** line reading "S1.02 – Partial Foundations and 1st Floor Elevator Area Framing Plan" to read, "S1.02R – Partial Foundations and 1st Floor Elevator Area Framing Plan".
 - c. Under the "Structural" heading of the Schedule of Drawings, **ADD** a line to read, "S2.10 – Enlarged 1st Floor Framing Plan, Sections and Details at Elevator Area for Mechanical Openings".
 - d. Under the "Mechanical" heading of the Schedule of Drawings, **REVISE** line reading "M4.1 – Mechanical Air Flow Diagram" to read, "M4.1R – Mechanical Air Flow Diagram".
 - e. Under the "Mechanical" heading of the Schedule of Drawings, **REVISE** line reading "M5.2 – Mechanical Schedules" to read, "M5.2R – Mechanical Schedules".
 - f. Under the "Mechanical" heading of the Schedule of Drawings, **REVISE** line reading "M7.6 – Mechanical BAS Diagram" to read, "M7.6R – Mechanical BAS Diagram".
 - g. Under the "Mechanical" heading of the Schedule of Drawings, **REVISE** line reading "M7.7 – Mechanical BAS Diagram" to read, "M7.7R – Mechanical BAS Diagram".
 - h. Under the "Mechanical" heading of the Schedule of Drawings, **REVISE** line reading "M7.8 – Mechanical BAS Diagram" to read, "M7.8R – Mechanical BAS Diagram".
 - i. **DELETE** the "Environmental" heading (and all associated ASB Series Sheets) from the Schedule of Drawings.
- Change 4:** Drawings CO.110, CO.111, CO.120, CO.121, CO.130, CO.140, CO.141, CO.150, CO.151, CO.160 and CO.161, titled, "Construction Operations Plans"
- a. At the "Limits of Construction", **REVISE** Phase 2 to read, "April 6, 2012 to June 18, 2012".
 - b. At the "Limits of Construction", **REVISE** Phase 3 to read, "June 18, 2012 to August 3, 2012".
- Change 5:** Drawing A.111, titled, "First Floor Plan"
- a. **REVISE** Plan Note 26 to read, "Provide new ramp with vinyl composition tile flooring and railings."
- Change 6:** Drawing A.132, titled, "Gymnasium Demolition and New Construction Floor Plans"
- a. **REVISE** Plan Note 61 to read, "Provide telescoping safety post at existing attic

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access ladder. See Detail 8/A.511.”

- Change 7:** Drawing A.402, titled, “Enlarged Elevator Plans,
- a. **REVISE** “3/A.402 – Courtyard Elevator Lobby – Demo (1, 2, 3)” per attached Sketch No. ASK-01.
 - b. **REVISE** “4/A.402 – Courtyard Elevator Lobby – (1st)” per attached Sketch No. ASK-02.
 - c. At “5/A.402 – Courtyard Elevator Lobby (2nd, 3rd)”, **REVISE** three tags indicating wall partition types along the left (south) side of the plan reading “C16” to read, “M10M4F”.
 - d. At “5/A.402 – Courtyard Elevator Lobby (2nd, 3rd)”, **REVISE** the dimension at the upper right (northwest) corner of the plan reading “3’-2 1/8”” to read, “2’-10 1/2””.

- Change 8:** Drawing A.510, titled, “Section Details”
- a. **REVISE** “10/A.510 – Elevator – South Parapet” per attached Sketch No. ASK-05.
 - b. **REVISE** “11/A.510 – Elevator – East Parapet” per attached Sketch No. ASK-04.
 - c. **REVISE** “12/A.510 – Elevator – Courtyard Flashing” per attached Sketch No. ASK-03.
 - d. **REVISE** “3/A.510 – Interior Ramp – Cross Section” per attached Sketch No. ASK-07

- Change 9:** Drawing A.511, titled, “Section Details”
- a. **ADD** “8/A.511 – Ladder Safety Post Detail” per attached Sketch No. ASK-06.

- Change 10:** Drawing A.612, titled, “Door Schedule”
- a. At Head and Jamb Detail 2, **ADD** a note to read, “Refer to Door and Frame Schedule for locations where oak trim and wood plinths are to be provided at the new hollow metal door frame.”

Change 11: **ADD** Drawing AR.102, titled, “Roof Plan”, per attached.

Change 12: **ADD** Drawing AR.103, titled, “Roof Enlarged Plans”, per attached.

Change 13: **ADD** Drawing AR.201, titled, “Roof Details”, per attached.

Change 14: **ADD** Drawing AR.202, titled, “Roof Details”, per attached.

Change 15: **ADD** Drawing AR.203, titled, “Bird Screen and Chiller Enclosure Details”, per attached.

Change 16: **ADD** Drawing AR.301, titled, “Typical Coping and Flashing Details”, per attached.

Change 17: **ADD** Drawing AR.302, titled, “Typical Roofing Details”, per attached.

Change 18: Drawings AM.100, AM.101, AM.102, AM.103, AM.104, AM.105 and AM.106, titled, “Site Reference Plan, Exterior Elevations and Roof Plan”

- a. **REVISE** Keynote 26 to read, “Provide new 9” long metal scupper spout extensions at renovated scupper openings.”

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- Change 19:** **DELETE** Drawing S1.02, titled, "Partial Foundation & 1st Floor Elevator Area Framing Plan" and **ADD** Drawing S1.02R, titled, "Partial Foundation & 1st Floor Elevator Area Framing Plan", per attached.
- Change 20:** **ADD** Drawing S2.10, titled, "Enlarged 1st Floor Framing Plan, Sections and Details at Elevator Area for Mechanical Openings", per attached.
- Change 21:** Drawing M2.0H, titled, "Mechanical New Work Ventilation Plan - Basement"
- a. **CHANGE** duct size of return air duct serving AHU-2 as noted on MSK-01. This also changes the size of the return air damper within the ductwork.
- Change 22:** Drawing M2.0M, titled, "Mechanical New Work Piping Plan - Basement"
- a. **CHANGE** piping size as noted on MSK-02
- Change 23:** Drawing M2.1, titled, "Mechanical New Work Plan – First Floor"
- a. **CHANGE** duct size and offset as shown on sheet MSK-03.
 - b. **RELOCATE** equipment locations as shown on sketch MSK-03
- Change 24:** Drawing M2.2, titled, "Mechanical New Work Plan – Second Floor"
- a. **CHANGE** return duct size and location from RF-2 as shown on sketch MSK-04.
- Change 25:** Drawing M2.3, titled, "Mechanical New Work Plan – Third Floor"
- a. **CHANGE** return duct size and location from RF-2 as shown on sketch MSK-05.
- Change 26:** Drawing M2.4, titled, "Mechanical New Work Plan - Attic"
- a. **CHANGE** return duct size as shown on sheet MSK-06.
 - b. **RELOCATE** return duct from RF-1 as shown on sketch MSK-06.
- Change 27:** Drawing M2.5, titled, "Mechanical New Work Plan - Roof"
- a. **CHANGE** duct location and add transition from RF-2 on roof as shown on sketch MSK-07.
- Change 28:** Drawing M4.2, titled, "Mechanical Water Flow Diagram"
- a. **ADD** system by-pass valve in the dual temperature system to provide minimum flow through equipment as noted in MSK-08.
 - b. **CHANGE** inline HWP pump configuration and REMOVE check valves for each piping system as noted in MSK-08.
 - c. **CHANGE** pipe sizes to DTP-1A,1B, 2A,2B as noted in MSK-08.
 - d. **REMOVE** control valve for cabinet unit heaters as noted in MSK-08.
 - e. **CHANGE** note #2 to omit cabinet unit heaters as noted in MSK-08.
- Change 29:** Drawing M5.2, titled, "Mechanical Schedules"
- a. **CHANGE** heating and cooling capacities of DTC-1A, 1B, 2A, 2B as noted in drawing M5.2R.
 - b. **CHANGE** the heating capacity of DTC-3A, 3B as noted on drawing M5.2R.
 - c. **CHANGE** the GPM of HWP-1,2, & 3 as noted on drawing M5.2R.

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- Change 30:** Drawing M5.3, titled, "Mechanical Schedules"
a. **CHANGE** control damper sizes as noted on sketch MSK-09.
- Change 31:** Drawing M6.3, titled, "Mechanical Details"
a. **CHANGE** detail 9 per sketch MSK-10
- Change 32:** Drawing M6.4, titled, "Mechanical Details"
a. **CHANGE** detail 2 per sketch MSK-11
- Change 33:** Drawing M7.6, titled, "Mechanical BAS Details"
a. **ADD** BAS points per sheet M7.6R.
- Change 34:** Drawing M7.7, titled, "Mechanical BAS Details"
a. **ADD** BAS points per sheet M7.7R.
- Change 35:** Drawing M7.8, titled, "Mechanical BAS Details"
a. **ADD** BAS points per sheet M7.8R.
- Change 36:** Drawing M4.1, titled, "Mechanical Airflow Diagram"
a. **CHANGED** airflow values per sheet M4.1R.
- Change 37:** Drawings P1.0, P1.1, P1.2 and P1.3, titled, "Plumbing Demolition Plans"
a. **ADD** a drawing title to read, "1, Plumbing Demolition Plan, Scale: 1/8" = 1'-0"."
- Change 38:** Drawings P2.0, P2.1, P2.2 and P2.3, titled, "Plumbing New Work Plans"
a. **ADD** a drawing title to read, "1, Plumbing New Work Plan, Scale: 1/8" = 1'-0"."
b. **REVISE** note reading, "Rod and televise existing floor drain. Findings to determine new work scope" to read, "Rod and televise existing floor drain."
- Change 39:** Drawing P2.1, titled, "Plumbing New Work Plan – First Floor"
a. **REVISE** "1/P2.1 – Plumbing New Work Plan – First Floor" per attached Sketch No. PSK-01.
- Change 40:** Drawings P2.4, titled, "Plumbing Roof Plan"
a. **ADD** a drawing title to read, "1, Plumbing Roof Plan, Scale: 1/8" = 1'-0"."
b. **REVISE** note reading, "Power rod and televise all existing roof drains. Findings to determine new work scope. Replace all damaged cast-iron dome covers" to read, "Power rod and televise all existing roof drains. Replace all cast-iron dome covers."
- Change 41:** Drawing P4.1, titled, "Plumbing Detail and Schedule Sheet"
a. **REVISE** "Plumbing Fixture Schedule" per attached Sketch No. PSK-02.
- Change 42:** Drawing ED1.0, titled, "Electrical Demolition Plan - Basement"
a. **REVISE** Demolition Keyed Note ED.13 to read, "All existing feeders (conduits and wiring) for power, lighting, controls, low-voltage, fire alarm, etc. mounted on the ceiling and walls shall be temporarily removed as required for environmental work and installation of new finishes. Reinstall to new and renovated surfaces

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and structures. Coordinate with architectural scope of work.”

- Change 43:** Drawing E1.0, titled, “Electrical Plan - Basement”
- a. **REVISE** equipment tag in northeast corner of Boiler Room 006 reading “FP-1” to read, “PF-1”.
- Change 44:** Drawing E1.1, titled, “Electrical Plan – First Floor”
- a. **ADD** Note No. 2 to read, “Existing aisle light finish cover is secured by one side screw. In miscellaneous locations the screw grip may require adjustment (in order to unscrew it). The screw groove needs to be cleaned from paint, mechanically re-cut to allow secure screw driver grip. Any scratches on light fixture surface to be painted to match previous condition. Typical for main floor and balcony fixtures”.
- Change 45:** Drawing E1.2, titled, “Electrical Plan – Second Floor”
- a. **REVISE** note within projection booth along the west side of Assembly Hall Balcony 230 reading, “Existing projection booth pnl” to read, “Existing projection booth panel RP-AUD.”
- Change 46:** Drawing E2.1, titled, “Electrical Panel Schedule”
- a. Panelboard EM(Existing) – elevator cab light circuit description moved from circuit #24 to #42 same panelboard.
 - b. Panelboard EM(Existing) – elevator mech. Room gfci outlet circuit removed and noted in BLR-1 panelboard circuit #28.
 - c. F25 aisle light type changed. New light to be Lumalite Custom Lighting #A-311 in black, LED 1,8W, 120V (quantity of three(3) not changed)
- Change 47:** Drawing E2.5, titled, “Electrical Partial Single Line Diagram”
- a. Key note #12 added to read: “Existing emergency disconnect switch and meter. Electrical contractor to replace existing wiring between meter and disconnect. Install new (2)125a fuses (with reducers if needed) and pull new conductors to ATS#1 via existing conduits”.
 - b. At “1/E2.5 – Partial New Single Line Diagram”, **REVISE** tag above “Generator ATS Switches Located in Basement ATS Room” reading “ATS #2” to read, “ATS #2; 110A, 240V, 1PH”.

QUESTIONS & ANSWERS:

- Q1.** On page A.612, Head and Jamb Detail 2 does not show any applied wood trim. Note 3 calls for oak trim and wood plinth on both sides of the new frame. There are approximately 30 doors that call for both Detail 2 and Note 3. Please clarify.
- A1.** Wood trim should be provided at all door and frame locations referencing either Head and Jamb Detail 1 and/or Note No’s 2 and 3. A note has been added to Head and Jamb Detail 2 in Change 13, above, for further clarification.
- Q2.** Can we obtain Asbestos Drawings listed in the Table of Contents but not included in the drawings?
- A2.** The Asbestos Drawings listed in the Table of Contents (specifications) and Schedule of

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Drawings (drawings) were bound into the specifications Book 3, Volume 2. Change 4 (a and c), above, deletes the ASB Series drawings from the Schedule of Drawings within the specifications Table of Contents and adds the ASB Series drawings to the end of the specifications Table of Contents. Change 6i, above, deletes the ASB Series drawings from the drawings Schedule of Drawings.

- Q3.** Please review the following questions: 1) Reference Drawing ED1.0, Keyed Note ED.13. I assume that this has to do with the abatement process. In the past we have temporarily supported the conduit for this process. The keyed note is unclear. Does the conduit need to be removed and then reinstalled, or just "suspended" temporarily from the surfaces for the abatement? 2) The drawings reference loads to panelboard RP-AUD. Where is this located? 3) ATS-2 is to be replaced, however there are no specifics on its size. Please provide this information? 3) Will there be another walk-thru (subcontractor request)
- A3.** Responses to the questions indicated in Q3, above are as follows: 1) The conduit and wiring referred to in Keyed Note ED.13 is to be removed as required for both environmental and new finish work, and re-installed. Change 45, above, has been revised to reflect this clarification. 2) Panel RP-AUD is located in the projection booth along the west side of Assembly Hall Balcony 230. Change 48, above revises the note within the projection booth to read, "Existing projection booth panel RP-AUD." 3) ATS 3# shall be 100A, 240V, 1PH. Change 50, above, adds these requirements to the Single Line Diagram on Drawing E2.5.
- Q4.** Drawing E1.0 shows a piece of equipment in the boiler room identified as FP-1. It is not in the electrical, mechanical, or plumbing schedules. What is it and what are its electrical requirements? Also, have you heard anything about another walk thru? I am getting feedback from some LV contractors. They are telling me they will not be able to be competitive without a visit. The drawings have a number of LV requirements including conduit from us that cannot be quantified. It will be difficult for all to price.
- A4.** Change 46, above revises the equipment tag in the northeast corner of Boiler Room 006 reading "FP-1" to read "PF-1" (pressure fill system). The power requirements for PF-1 are indicated on the Motor Wiring Schedule on Drawing E2.1.
- Q5.** Can we obtain Asbestos Drawings listed in the Table of Contents but not included in the drawings?
- A5.** See response to Q2, above.
- Q6.** Please confirm that the plumbing drawings are drawn to 1/8" scale.
- A6.** The floor / roof plans indicated on Drawings P1.0, P1.2, P1.3, P2.0, P2.1, P2.2, P2.3 and P2.4 are drawn to 1/8" scale. Changes 40, 41 and 43, above add drawing titles to each of the floor / roof plans, including the drawing scale.
- Q7.** Page AM-100, item 26, calls for an Alternate Bid for the 9" metal scupper spout extensions. There are no alternates listed on the Bid Form. Please clarify how this Alternate should be noted in the Bid.
- A7.** Change 21, above, revises Keynote 26 to read, "Provide new 9" long metal scupper spout extensions at renovated scupper openings."
- Q8.** KN 26 on Drawing A.111 indicates we are to finish the new interior ramp with terrazzo. Section 3 on Drawing A.510 indicates we are to finish the same interior ramp with vinyl composite tile.

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- A8.** The floor finish at the interior ramp is to be vinyl composition tile. Change 8, above revises Plan Note 26.
- Q9.** On P2.1, P2.2, P2.3 and P2.4, there is a note stating that the rodding and televising of the floor drains and roof drains will determine the scope of work. Since there are no unit prices, how shall we bid this item? Can you please quantify and describe the scope of work? Could you also please quantify the number of damaged cast iron dome covers?
- A9.** The note referring to the rodding and televising of floor drains has been revised to read, "Rod and televise floor drain" (see Change 41, above). The note referring to the rodding and televising of roof drains has been revised to read, "Power rod and televise all existing roof drains. Replace all cast-iron dome covers" (see Change 43, above)

ATTACHMENTS:

Specification	Section 16750 – Assistive Listening Device System (6 pages)
Drawing	AR.102 – Roof Plan (1 page, 30" x 42" format)
Drawing	AR.103 – Roof Enlarged Plans (1 page, 30" x 42" format)
Drawing	AR.201 – Roof Details (1 page, 30" x 42" format)
Drawing	AR.202 – Roof Details (1 page, 30" x 42" format)
Drawing	AR.203 – Bird Screen and Chiller Enclosure Details (1 page, 30" x 42" format)
Drawing	AR.301 – Typical Coping and Flashing Details (1 page, 30" x 42" format)
Drawing	AR.302 – Typical Roofing Details (1 page, 30" x 42" format)
Drawing	S1.02R – Partial Foundations and 1 st Floor Elevator Area Framing Plan (1 page, 30" x 42" format)
Drawing	S2.10 – Enlarged 1 st Floor Framing Plan, Sections and Details at Elevator Area for Mechanical Openings (1 page, 30" x 42" format)
Drawing	M4.1R – Mechanical Air Flow Diagram (1 page, 30" x 42" format)
Drawing	M5.2R – Mechanical Schedules (1 page, 30" x 42" format)
Drawing	M7.6R – Mechanical BAS Diagram (1 page, 30" x 42" format)
Drawing	M7.7R – Mechanical BAS Diagram (1 page, 30" x 42" format)
Drawing	M7.8R – Mechanical BAS Diagram (1 page, 30" x 42" format)
Drawing	Sketch No's ASK-01 through ASK-07 (7 page, 11" x 17" format)
Drawing	Sketch No's MSK-01 through MSK-11 (11 pages, 11" x 17" format)
Drawing	Sketch No's PSK-01 and PSK-02 (2 pages, 8.5" x 11" format)

END OF ADDENDUM NO.1