

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO.2 TO CONTRACT NO. 1516

For  
Haas Park Fieldhouse  
For  
New Construction

DATE: August 26, 2010

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 1 PROJECT INFORMATION, INSTRUCTIONS TO BIDDERS, AND EXECUTION DOCUMENTS:

Change 1: Page 14- BID FORM ITEM: **Delete** Miscellaneous Furniture, Fixtures and Furnishings (FFE) Allowance **Replace to read as:** Miscellaneous Furniture, Fixtures and Equipment (FF &E) Allowance

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

None

Changes to Book 3: TECHNICAL SPECIFICATIONS:

Change 1: Added Spec Section 15815, part 1.4 (A.12) "Lining location"

Change 2: Added Spec Section 15958, part 2.10 "Duct Lining"

- A. Duct sizes are inside clear dimensions. For lined ducts, maintain sizes inside lining.
- B. Duct Liner
  - 1. Material: Incombustible glass fiber complying with ASTM C 1071; flexible blanket; with poly vinyl acetate polymer, or acrylic polymer shown to be fungus and bacteria resistant by testing to ASTM G 21 impregnated surface and edge coat.
    - a. Apparent Thermal Conductivity: Maximum of 0.27 at 75 degrees.
    - b. Service Temperature: Up to 250 degrees F.
    - c. Rated Velocity on Coated Air Side for Air Erosion: 5000 fpm, minimum.
    - d. Minimum Noise Reduction Coefficients:
      - 1) 1 inch (25mm) Thickness: 0.45.
    - e. Surface Burning Characteristics: Flame spread/Smoke developed index of 25/50, maximum, when tested in accordance with ASTM 84, NFPA 255, or UL 723. Surface Burning
      - 1) Adhesive: Waterproof, fire-retardant type.
      - 2) Liner Fasteners: Galvanized steel, self-adhesive pad with integral head, welded or mechanical fasteners.
- C. Ductwork Lining Schedule
  - 1. Line return air and mixed air plenums for all heat pumps.
  - 2. Line return air ductwork for the following heat pumps:
    - a. HP-1.
    - b. HP-2.
    - c. HP-4.
    - d. HP-5.

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- e. HP-6.
  - f. HP-7.
- Change 3: Clarified reference to compressor stages in Spec Section 15958, part 2.1 (H)
- Change 4: Added Spec Section 15958, part 2.1 (K.1), "and the RA damper to the preset occupied position."
- Change 5: Added Spec Section 15958, part 2.1 (K.2), "During occupied times, the RA damper will be positioned to maintain the specified volume of OA."
- Change 6: Deleted Spec Section 15958, part 2.1 (K.5), "HP-4 thermostat shall provide 2 stages of heat. The first stage shall enable the heat pump heating mode; the second stage shall activate the electric heating coil EDH-2."
- Change 7: Added Spec Section 15958, part 2.1 (L.1), "(adj.)...; the RA damper will open to the occupied time maximum position (adj)."
- Change 8: Added Spec Section 15958, part 2.1 (L.2), "and close the RA damper."
- Change 9: Added Spec Section 15958, part 2.1 (L.3), "and the corresponding RA damper position."
- Change 10: Added Spec Section 15958, part 2.1 (L.4), "and the RA damper will completely."
- Change 11: Added Spec Section 15958, part 2.1 (L.5), "HP-4 thermostat shall provide 2 stages of heat. The first stage shall enable the heat pump heating mode; the second stage shall activate the electric heating coil EDH-2."
- Change 12: Deleted Spec Section 03300, part 1.2 (C), "minimum LEED "Silver" Certification based on LEED-NC, Version 2.2 requirements."  
Added Spec Section 03300, part 1.2 (C), "minimum LEED "Gold" Certification based on LEED-NC, version 2009 requirements."
- Change 13: Deleted Spec Section 03300, part 1.4 (C)  
Added Spec Section 03300, part 1.4 (C) "LEED Submittal"

### 1. Product Data as required to show compliance with the following credits:

- a. Product Data for Credit MR 4: Use materials with recycled content such that the sum of postconsumer recycled content plus ½ of the preconsumer content constitutes at least 20%, based on cost, of the total value of the materials in the project. Document manufacturers' names, product names, costs, percentage of postconsumer content and percentage of preconsumer content. Document the total sustainable criteria value and the total materials cost. For assembly components, determine the recycled content value by calculating the percentage by weight, of the postconsumer recycled content and the preconsumer recycled content. Provide 20% of total cut sheets or manufacture letters for recycled content to show credit compliance.
- b. Product Certificates for Credit MR 5: Materials or products that have been regionally harvest, extracted and manufactured within 500 miles of the project site will comprise at least 30%, based on cost, of the total materials value. List the percentage of the item that contains regional material by weight. Record name of product, manufacturer and the location information source. Documents product cost, manufacture's name and the

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distances between the project and manufacturer. Record distance between the project and extraction and the distance between the project and the harvesting site. Documents the total sustainable criteria value and the total materials cost. Provide cut sheets for at least 20% of the materials (by cost) to support regional material claims.

Change 14: Deleted Spec Section 05120, part 1.5 (B)  
Added Spec Section 05120, part 1.5 (B) "LEED Submittal"

1. Product Data for Credit MR 4: Use materials with recycled content such that the sum of postconsumer recycled content plus  $\frac{1}{2}$  of the preconsumer content constitutes at least 20%, based on cost, of the total value of the materials in the project. Document manufacturers' names, product names, costs, percentage of postconsumer content and percentage of preconsumer content. Document the total sustainable criteria value and the total materials cost. For assembly components, determine the recycled content value by calculating the percentage by weight, of the postconsumer recycled content and the preconsumer recycled content. Provide 20% of total cut sheets or manufacture letters for recycled content to show credit compliance.

Change 15: Deleted Spec Section 05210, part 1.5 (B)  
Added Spec Section 05210, part 1.5 (B) "LEED Submittal"

1. Product Data for Credit MR 4: Use materials with recycled content such that the sum of postconsumer recycled content plus  $\frac{1}{2}$  of the preconsumer content constitutes at least 20%, based on cost, of the total value of the materials in the project. Document manufacturers' names, product names, costs, percentage of postconsumer content and percentage of preconsumer content. Document the total sustainable criteria value and the total materials cost. For assembly components, determine the recycled content value by calculating the percentage by weight, of the postconsumer recycled content and the preconsumer recycled content. Provide 20% of total cut sheets or manufacture letters for recycled content to show credit compliance.

Change 16: Deleted Spec Section 05310, part 1.3 (B)  
Added Spec Section 05310, part 1.3 (B) "LEED Submittal"

1. Product Data for Credit MR 4: Use materials with recycled content such that the sum of postconsumer recycled content plus  $\frac{1}{2}$  of the preconsumer content constitutes at least 20%, based on cost, of the total value of the materials in the project. Document manufacturers' names, product names, costs, percentage of postconsumer content and percentage of preconsumer content. Document the total sustainable criteria value and the total materials cost. For assembly components, determine the recycled content value by calculating the percentage by weight, of the postconsumer recycled content and the preconsumer recycled content. Provide 20% of total cut sheets or manufacture letters for recycled content to show credit compliance.

### QUESTIONS & ANSWERS:

Q3: We would appreciate your clarification of the following item at your earliest convenience.

- Detail 2 on sheet A510 calls for, "Adjustable concealed lintel system attached to bottom of steel beam lintel." Please clarify what an adjustable steel lintel system is.

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**ANSWER:** This is a manufacturer item and it can be found in Spec Section 04200 part 2.9 Adjustable Concealed Lintel System.

- Detail 2 on sheet A500 indicates two angles in the masonry wall to support the lobby curtain wall jamb. What size are these angles?

**ANSWER:** The sizes of these angles are 5"x3"x3/8".

- Details 9 and 10 on sheet A502 indicate a steel angle attached to the foundation wall. What size angle is required? Same question applies for details 9 and 10 on sheet A504.

**ANSWER:** On both details 9 and 10, the steel rebar has been removed.

- Detail 5 on sheet A502 indicates a steel angle widow sill support. What size is the angle? Same question applies to detail 5 on sheet A453.

**ANSWER:** The size of the angle is 6"x4"x3/8" with 1/2" dia. x 3" adhesive anchor at 12" on center.

- The structural drawings (5-7/S500) call the perimeter roof bent plate to be a continuous 8"x10"x3/8" bolted to a 3/8" continuous bent plate. The architectural drawings (1-4/A502) call the perimeter roof bent plate a continuous 12"x8"x3/8" bolted to a 5"x13" bent plate.
  1. What size is the continuous perimeter roof bent plate?
  2. Please verify that the attachment bent plate is to be a 5"x13"x3/8" plate.

**ANSWER:**

1. The 3/8" bent plate shall be a 12"x8"x3/8" plate, per the architectural drawings.
2. This is correct.

- Note 11 on sheet S102 talks about fall restraint anchors on the North canopy. Are any fall restraint anchors required for this project? If so, please clarify where they go.

**ANSWER:** There are no fall restraint anchors; this note has been removed from the set.

- Part 1.6 of specification section 051200, Structural Steel Framing, indicates that the steel erector must be AISC certified, Category CSE. The same section also indicates that the steel fabricator must have AISC's Sophisticated Paint Endorsement.
  1. Please verify that our steel erector must be AISC-certified, Category CSE.
  2. Please verify that our steel fabrication must have Sophisticated Paint Endorsement.

**ANSWER:**

1. This requirement is correct.
2. This requirement is correct.

Q6: Dimensions for the height of the exterior lettering are not called out at project name and address on the front of the facility. Signage is not a division in the specifications or detailed in the drawings. Please provide.

Sheet for Reference: A300- "HAAS PARK FIELDHOUSE, 2402"- Painted Metal Letters.

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**ANSWER:** The dimension of the exterior lettering for the house number is 1/2" thick, 6" tall. The dimension of the exterior lettering for the fieldhouse name is 1/2" thick, 8" tall. See Elevation 1 – West Building Elevation on sheet A300 for added descriptive note.

- Q8: Please respond to the following RFI at your earliest convenience.
1. See detail 8/A502. The detail calls for recycled wood ceiling stained and sealed. There are no specifications for a wood ceiling or anywhere else on the drawings that show a wood ceiling. Please clarify.

**ANSWER:** This callout is incorrect. There is no recycled wood ceiling, stained and sealed in the project. The ceiling is cement board with an acrylic finish coat.

### CHANGES TO DRAWINGS (All Drawings dated 08/12/10)

#### CIVIL DRAWINGS:

- Change 1: Ref. C100  
Added construction sign to site demolition plan and descriptive note "Relocated construction sign as necessary and maintain during construction".
- Change 2: Revised wall foundation descriptive note "Wall foundations removed in site prep package"
- Change 3: Existing bench and foundations removed on the west end of the site.
- Change 4: Ref. C401  
Detail 4 – Revised descriptive note "2.0" K-Copper pipe (water to building)"
- Change 5: Modified "WH MH-1" to indicate a catch basin with a sump. The drawing indicates a catch basin labeled "WH CB-1"

#### LANDSCAPE DRAWINGS:

- Change 6: Ref. L402  
Elevation 1 – Added re-used, owner furnished limestone medallions to masonry piers.

#### STRUCTURAL DRAWINGS:

- Change 7: Ref. S100  
First Floor/Foundation Plan – Added concrete piers to interior columns.
- Change 8: Ref. S102  
High Roof Framing Plan – Deleted note referencing fall-restraint anchor, see RFI #3.
- Change 9: Ref. S500  
Steel Detail 6 and 7 – Changed exterior bent plate size, see RFI #3.

#### ARCHITECTURAL DRAWINGS:

- Change 10: Ref. AS101  
Enlarged Plan 1 – Added descriptive note "Brick pavers, no less than half pavers @ ends – See Civil Dwgs" and added dimension string with descriptive note "36 full pavers, no cut allowed".
- Change 11: Ref. A210  
Plan 1 – Added access panels in the ceiling of the Men and Women Toilet Rooms.

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- Change 12: Ref. A300  
Elevation 1 – Revised descriptive notes to indicate dimensions of the steel plate letters for the house number and the building name.
- Change 13: Ref. A300  
Elevation 2 – Revised Window Types K to show additional windows on each side of the door in lieu of one large window in each side of the curtain wall. Revised Window Type H to show additional operable windows in lieu of the large fixed pane window in the center of the curtain wall and the large operable windows shown on the ends of the curtain walls.
- Change 14: Ref. A451  
Wall Sections 1 and 2 – Deleted steel rebar in the foundation wall.
- Change 15: Ref. A455  
Wall Section 1 – Added exterior sheathing board and vapor barrier on the interior side of the Lobby in the vestibule ceiling.
- Change 16: Ref. A456  
Detail 3 – Deleted “Recycled wood ceiling stained and sealed” and “Scheduled door beyond”. Added descriptive note “Cement board w/acrylic finish coat”.
- Change 17: Ref. A500  
Detail 2 – Added descriptive note “5”x3”x3/8” Steel angles, typ.”
- Change 18: Ref. A502  
Detail 5 – Added descriptive note “6”x4”x3/8” (LLH) w/ 1/2” dia. x 3” adhesive anchor anchored to CMU bond beam @ 12” o.c. as req’d”.
- Change 19: Ref. A502  
Detail 8 – Deleted descriptive note “Recycled wood ceiling stained and sealed”. Added descriptive note “Cement board w/acrylic finish coat”.
- Change 20: Ref. A502  
Details 9 and 10 – Deleted steel rebar in the foundation wall.
- Change 21: Ref. A601  
Detail H – Revised to show additional operable windows in lieu of the large fixed pane window in the center of the curtain wall and the large operable windows shown on the ends of the curtain walls.
- Change 22: Ref. A601  
Detail K – Revised to show additional windows on each side of the door in lieu of one large window in each side of the curtain wall.
- MECHANICAL DRAWINGS:
- Change 23: Ref. M100  
Added motorized return air dampers at all seven (7) heat pumps.

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**AS BUILT DRAWING:**

Change 24: Ref. As Built Conditions Map, Sheet 1 of 1 (Midwest Technical Consultants Land Surveyors)  
Added to show existing project site grade spot elevations and location and excavation extent of  
approximate 11'x11' area of remediated soil along east property line.

**List of Attachments:**

Drawings Dated 08/23/10

Sheet C100	Sheet A300
Sheet C401	Sheet A451
Sheet L402	Sheet A455
Sheet S100	Sheet A456
Sheet S102	Sheet A500
Sheet S500	Sheet A502
Sheet AS101	Sheet A601
Sheet A210	Sheet M100

Drawings Dated 08/26/03

As Built Conditions Map, Sheet 1 of 1

Specifications Dated 08/23/10

Section 03300  
Section 05120  
Section 05210  
Section 05310  
Section 15815  
Section 15958

**END OF ADDENDUM NO.2**