

PUBLIC BUILDING COMMISSION OF CHICAGO

**ADDENDUM NO. 2 TO CONTRACT NO. 1476
FOR**

**Avondale / Irving Park Area Elementary School
For
New Construction**

DATE: December 12, 2008

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

CHANGES TO BOOK 2:

Change 1: In Book 2, Article 1. General Provisions, Section 1.01 Definitions, subpart 30. Delete in its entirety and replace to read as:

“Substantial Completion” means the date the Commission’s Representative has determined that: (i) the Project has been constructed in accordance with the Contract Documents such that it is ready for occupancy, utilization and continuous operation for the uses and purposes intended by the User, without material interference from incomplete or improperly completed Work, and with only Punch List Work remaining to be completed, (ii) the Commission has received and accepted a Certificate of Substantial Completion executed by the Contractor and Architect.

CHANGES TO BOOK 2A:

Change 2: In Book 2A, Section 01025, in part 3.5 Substantial Completion Procedures, delete in its entirety subpart C.9.

CHANGES TO BOOK 3 - TECHNICAL SPECIFICATIONS:

Change 3: Table of Contents
Delete Table of Contents and replace with revised Table of Contents, attached.

Change 4: Schedule of Drawings:
Revise the Schedule of Drawings as follows:

- A. Civil sheet C1.0, delete “ROW Demolition Plan” and replace with: “Site & ROW Demolition Plan”.
- B. Architectural sheet A6.14, delete: “Vertical Metal Panel Details” and replace with: “Metal Panel Details”.
- C. Architectural sheet A7.4, delete: “Stair and Elevator Section” and replace with: “Elevator Section and Details”.
- D. Structural sheet S4.1, delete: “Sections, Details and Bracing Elevations” and replace with: “Bracing Sections, Details and Elevations”.
- E. Electrical sheet E6.2, delete: “Communication Riser Diagram” and replace with: “Rescue Assistance System Riser Diagram”.

PUBLIC BUILDING COMMISSION OF CHICAGO

- F. Site Preparation Excavation sheet G1.0 (dated 08.18.08), issued “For Reference Only”, add: “And Index” to sheet title.

- Change 5:** Cx O and M Data – Section 01731:
Delete section in its entirety.
- Change 6:** Earthwork – Section 02300
Under sub-section 3.2(C)4, at first line delete word: “form” and replace with: “from”.
- Change 7:** The following sections: Unit Masonry – Section 04200, Structural Steel – Section 05120, Metal Wall Panels – Section 07413, Through Penetration Firestop Systems – Section 07841, Door Hardware – Section 08710, Terrazzo – Section 09410, Wood Slat Ceiling and Wall System – Section 09570; at all references to “Preinstallation Conference”, delete references to “Division 1 Section Meetings” (section 04200), “Division 1 Section “Project Management and Coordination” (sections 05120, 07413, 07841, 08710, 09410, 09570), and replace with: “Conduct Pre-Installation Conference in accordance with Book 2A Section 3.5”.
- Change 8:** Cold Formed Metal Framing – Section 05400:
Under 1.1 add “C. Coordination with Aluminum Window Wall: Section includes requirements for coordination with the supplier(s) and designer(s) of the Aluminum Window Wall as specified in 08910 “Aluminum Window Wall”. Cold Formed Metal Framing performance requirements shall be coordinated with Aluminum Window Wall system components as shown on drawings, as specified in Section 08910, and as calculated for structural performance of the overall curtainwall system. All design, gravity, and wind loads transferred fro the Aluminum Window Wall, including concentrated loads at connections shall be closely coordinated and accommodated in the Cold Formed Metal Framing structural calculations and design. Contractor shall provide all necessary clips, plates, stiffeners, and associated work to accommodate perimeter fastening of Aluminum Window Wall System components.”.
- Change 9:** Aluminum Windows – Section 08520:
Under 2.1(A) add the following Manufacturer’s:
“4) Custom
5) Kawneer
6) Peerless
7) Wausau
8) Winstrom”
- Change 10:** Interior Wire Mesh Window Guards – Section 08660:
Delete sub-section 1.1(A) in its entirety and replace with: “A. This section includes new interior wire window guards and supplementary support framing as specified and as required for support and hinged operation. Structural design of framing and support members, wall attachment, and extension from wall for clearance and operation of motorized shades shall be coordinated with Motorized Shades as specified in section 12503 “Motorized Window Shades”. Structural attachment to adjacent CMU shall be designed and provided by installer under the direct supervision of a licensed Structural Engineer, registered in the State of Illinois. Design of support and extension framing shall

PUBLIC BUILDING COMMISSION OF CHICAGO

accommodate electrical power feeds and associated work.”

Change 11: Aluminum Window Wall – Section 08910:

- A. Under 1.1 add: “D. Coordination with cold formed framing designer: Section includes requirements for coordination with the supplier(s) and designer (s) of the cold formed metal framing as specified in Section 05400 “Cold Formed Metal Framing”. Additional cold formed metal stiffeners, plates, etc. required to meet Aluminum Window Wall structural performance requirements, including concentrated loads at connections to cold formed metal framing, not otherwise required for cold formed metal framing curtainwall design shall be coordinated with the Cold Formed Metal Framing installer.
- B. Under 1.3 delete sub-section “D” and replace with: “D. Wind Loading: Fabricate exterior units to withstand the wind pressure loading of 25 lbs. per sq. ft. on the gross area of the system, acting inward and also acting outward except 30 lbs. per sq. ft. at corners when tested in accordance with ASTM E 330.”
- C. Under 2.6(A), delete all references to “curtainwall” and replace with “Aluminum Window Wall”, two locations.

Change 12: Stage Rigging – Section 11062:

Under 2.06 Trim Chains, Delete paragraph A, replace with: “Trim chains for dead hung suspension shall be minimum 1/4 inch grade 43 chain.”

Change 13: Projection Screens – Section 11132

Under sub-section 2.2, insert Manually Operated Screens as noted below under sub-section B, re-label subsequent alphabetic titles (“C”, “D”, “E”, “F” respectively, retain all content). Insert the following text:

“B. Manually Operated Screens:

1. General: Provide manufacturer’s standard spring-roller-operated units designed and fabricated for wall or ceiling installation and consisting of case, screen, mounting accessories, and other components necessary for a complete installation.
2. Screen Case: Fabricated in 1 piece from steel sheet not less than 0.0299 inch (0.75 mm), with flat black design and vinyl covering or baked-enamel finish. Provide end caps with integral roller brackets and universal mounting brackets, finished to match end caps, for wall or ceiling mounting.
3. Screen Mounting: Top edge securely anchored to a 3-inch- (75-mm-) diameter, rigid steel spring roller; bottom edge formed into a pocket holding a tubular metal slat, with ends of slat protected by plastic caps, and saddle and pull attached to slat by screws.”.

Change 14: Food Service Equipment – Section 11400:

Delete specification section with cut-off header and text in its entirety and replace with revised section 11400, attached.

Change 15: Stage Lighting – Section 16555:

Under 2.1 Manufacturer, Item B, add acceptable Dealer: “5. Intelligent Lighting Creations”

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 16:** Building Automation System (BAS) General – Section 15950
Delete specification section in its entirety and replace with CPS updated section 15950, attached.
- Change 17:** BAS Basic Materials, Interface Devices, and Sensors – Section 15951
Delete specification section in its entirety and replace with CPS updated section 15951, attached.
- Change 18:** BAS Operator Interfaces – Section 15952
Delete specification section in its entirety and replace with CPS updated section 15952, attached.
- Change 19:** BAS Field Panels – Section 15953
Delete specification section in its entirety and replace with CPS updated section 15953, attached.
- Change 20:** BAS Software and Programming – Section 15955
Delete specification in its entirety and replace with CPS updated section 15955, attached.
- Change 21:** Exhibits – Section 15955
Add new CPS updated specification section exhibits; 15955 Exhibits, Attached.
- Change 22:** Sequence of Operation – Section 15958
Delete sub-section 3.11 “Exhaust Fans” A-C (inclusive), and replace with:
“3.11 Exhaust Fans (BAS-EF-01)
A. Toilet and General Exhaust fans EF1-9: BAS shall control the starting and stopping of these fans as follows:
1. **Start/Stop:** BAS shall command the operation of the Exhaust fan and it shall run continuously during the occupied period.
2. **Proof:** BAS shall prove fan operation and use the status indication to accumulate runtime. Upon failure of the exhaust fan, the BAS shall enunciate an alarm as specified above.
B. T-Stat controlled Exhaust fans EF-10 and heater shall be controlled by a thermostat to maintain a maximum of 85°F. Whenever the fan runs, its associated isolation damper & OA damper shall open. Whenever the fan stops, the dampers shall close. Thermostat shall also operate unit heater UH-1 to maintain a minimum temperature of 65°F.”.
- Change 23:** Wiring Devices – Section 16140
A. Under sub-section 1.7(A), delete: “1. Cord and Plug Sets: Match equipment requirements”.
B. Delete sub-section 2.6(A) in its entirety and replace with: “2.6 not used”.
C. Under sub-section 2.13(A), delete 2, 3, and 4 in their entirety and replace with:
“2. Wiring Devices Connected to Emergency Power System: Solid Red.”.
“3. TVSS Devices: Solid Blue.”.
“4. Isolated-Ground Receptacles: Solid Orange.”.

PUBLIC BUILDING COMMISSION OF CHICAGO

CHANGES TO DRAWINGS:

Change 24: Sheet G1.1:

Revise Index of Drawings as follows:

- A. Civil sheet C1.0, delete "ROW Demolition Plan" and replace with: "Site & ROW Demolition Plan".
- B. Architectural sheet A6.14, delete: "Vertical Metal Panel Details" and replace with: "Metal Panel Details".
- C. Architectural sheet A7.4, delete: "Stair and Elevator Section" and replace with: "Elevator Section and Details".
- D. Structural sheet S4.1, delete: "Sections, Details and Bracing Elevations" and replace with: "Bracing Sections, Details and Elevations".
- E. Electrical sheet E6.2, delete: "Communication Riser Diagram" and replace with: "Rescue Assistance System Riser Diagram".
- F. Site Preparation Excavation sheet G1.0 (dated 08.18.08), issued "For Reference Only", add: "And Index" to sheet title.

Change 25: Sheet C1.0:

- A. Delete drawing and sheet titles "ROW Demolition Plan" and replace with: "Site & ROW Demolition Plan".
- B. Add note to sheet: "Contractor shall remove all perimeter fence post footings on Springfield and Milwaukee Avenue property frontages, verify exact location and number in field. For purposes of bidding contractor shall assume (70) seventy 15"Dia. 48"D footings. Contractor shall provide a unit price for each post and footing removal that can be utilized for and add or credit change order, note: sizes are approximate, contractor shall verify."
- C. Delete two existing trees and associated tree protection within the site perimeter as indicated on CSK-01, attached.
- D. Retain one existing tree and associated temporary tree protection within the site perimeter as indicated on CSK-01, attached.

Change 26: Sheets C4.0, C5.2:

- A. On sheet C4.0 provide 2 concrete access risers to 36" RCP pipe near catch basin 16 & manhole 4. Access risers shall be 24" diameter with access grates (lockable) at grade.
- B. Revise 5/C5.2 to include 36" access riser tee as noted above on sheet C4.0.

Change 27: Sheet C5.0, detail 9:

Add dimension string extending from top of pavement to bottom of curb: "1'-0" min."; the minimum curb embedment depth shall be 12" from pavement grade.

Change 28: Sheet L1.01:

- A. At tree tag for QB (swamp white oaks) just above text "16' Alley", delete "2" and replace with "1".
- B. Northeast of future Tot Lot, shift section tag reference "7/L1.03" southward to straddle the permeable paver and landscape threshold. Delete reference "7" and replace with "2".
- C. In parking lot, delete note "permeable paver C" and replace with note "permeable paver A".

PUBLIC BUILDING COMMISSION OF CHICAGO

- D. Reconfigure concrete paving in north end of outdoor classroom to extend from gates to the first planter as identified in LSK-02 detail 2, attached.
- E. Under Notes, add note #11, "Along Milwaukee Ave. all existing trees in concrete parkway shall have a tree grate for proper fit, contractor shall verify size in field."

Change 29: Sheet L1.02:

- A. At "Site Plant Schedule", delete "(4) Quercus Bicolor" and replace with "(3) Quercus Bicolor".
- B. At detail 2, add new vertical dimension "12'" from finished grade to the bottom of perimeter concrete planter walls. Delete dimension of "1'-6'" from top of curb to bottom of curb and replace with: "Varies". Add note callout for perimeter walls "poured in place perimeter concrete planter wall with texture III plywood formwork on all exposed planter surfaces.", as identified on 2/LSK-01, attached.
- C. Add callout of reinforcement on all perimeter walls: "#4 rebar continuous @12" o.c. ". Delete "Existing" from the subgrade callout beneath perimeter planter walls and replace with "Compacted". At center note callout delete "Poured in place concrete planter (typ.)" and replace with "Poured in place concrete barrier curb with two #4 rebar (typ. @interior non-perimeter planter dividers), as identified on 2/LSK-01, attached.

Change 30: Sheet L1.03:

Add detail 6: "Expansion Joint Plan" as indicated on detail 6/LSK-01, attached.

Change 31: Sheet L2.01:

- A. Reverse swing of ornamental gates at locations identified on the attached key map 1/LSK-02. Return perimeter fencing into the site 3'-0" at each of three double-gate locations identified on key map to allow a 90-degree swing outward of each leaf within the property line. Add note: "All fencing, posts, footings, and gate swings shall remain within property limits. For fencing along property line, fence centerline shall be 6" from property line."
- B. At Legend, delete: "6'-0" high ornamental metal fence (6' H OMF)" and replace with: "6'-0" ornamental fence (6' H OMF), and 8'-0" high ornamental fence (8' H OMF) or as otherwise designated. Note: 6' and 8' ornamental fence has the same linetype, refer to callout notes on plan for designation".
- C. Under notes, add note #5: "All gates on masonry compactor, transformer, and emergency generator enclosure shall be view blocking opaque gates – refer to architectural drawings for details, refer to specification section 02825"
- D. Detail 1, at southeast portion of site, at masonry enclosure refuse gate, at note "6'H X 4'W Orn metal swing gate" delete "Orn" and replace with "Opaque".
- E. Detail 1, at southeast portion of site, at masonry enclosure emergency generator double-gate, at note "6'H X 13'W Orn metal double swing gate" delete "Orn" and replace with "Opaque".
- F. Add detail #2 as referenced on LSK-02 detail 3, attached.

Change 32: Sheet L2.03:

At details 3, 4, and 5, add note: "Contractor shall provide tamper-resistant fasteners at all fasteners exposed to view."

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 33:** Sheet AS.2, detail 3:
- A. Add graphic for five 30"x30" bins and callout note: "Landscape Recycling Area, bins by Owner".
 - B. Add note and callout at perimeter walls surrounding waste compactor/recycling, Natural Gas Em. Generator, and Compactor areas: "Moisture treated ground-face filled masonry units on all exposed faces; GFCMU-2 (Ref. sheet A13.0) with stone coping, refer to structural drawings for vertical reinforcement".
- Change 34:** Sheet A1.3A, detail 1:
- A. At Library 3002, add plan detail reference "5/A6.24" at gridline A, between gridline 17 and gridline 18.2, at angled window.
 - B. At Library 3002, add plan detail reference "4/A6.24" at intersection of gridline B and gridline 19.
- Change 35:** Sheet A1.4A:
- A. Modify chiller louver support framing, roof access ladder, etc. in area of Chiller enclosure as indicated on ASK-01, attached.
 - B. At southwest corner of roof near columns 16.9, just west of "G" add graphic for plumbing vent and note: "Plumbing vent reference 3/A6.12 coordinate with plumbing drawings, typical".
- Change 36:** Sheet A1.4B, detail 2:
- A. Add reference tag: "Library (3002) (open to below)"
 - B. At intersection of gridline B-19 add plan detail reference tag "4/A6.10"
 - C. Delete note "Galv. Ladder + OSHA cage: secure to wall and seal top surface of all penetrations" and replace with "Galvanized OSHA compliant ladder to high roof: secure to wall, provide panel flashing / trim as required, seal all wall penetrations"
- Change 37:** Sheet A2.1A, detail 1:
- A. At access panel graphic located just north of column A-16 in exterior soffit, add note: "30-inch x30-inch prefinished locking access panel (white) coordinate location for access to heat trace power and thermostat with plumbing and electrical."
 - B. Delete tag "Toilet (1058)" and replace with "Storage (1058)"
- Change 38:** Sheet A2.1B, detail 1:
Delete tag "Toilet (1055)" and replace with "Storage (1055)".
- Change 39:** Sheet A2.2A, detail 1:
- A. At Detail 1/A2.2A, at gridline 11 and adjacent to gridline E, delete portion of note at 30"x30" access panel labeled "heat race" and replace with "heat trace"
 - B. At Detail 1/A2.2A, just north of gridline 16 and gridline A add graphic for a 30"x30" access panel in canopy soffit. Add note: "30-inch x30-inch prefinished locking access panel (white) coordinate location for access to heat trace power and thermostat with plumbing and electrical."

PUBLIC BUILDING COMMISSION OF CHICAGO

Change 40: Sheet A2.3B, detail 1:

- A. Delete tag "Corridor (2007)" and replace with "Corridor (3007)"
- B. Delete tag "Corridor (2008)" and replace with "Corridor (3008)"
- C. Delete tag "Classroom-3 (2012)" and replace with "Classroom-15 (3012)"
- D. Delete tag "Classroom-4 (2013)" and replace with "Classroom-16 (3013)"
- E. Delete tag "Classroom-5 (2014)" and replace with "Classroom-17 (3014)"
- F. Delete tag "Classroom-6 (2015)" and replace with "Classroom-18 (3015)"
- G. Delete tag "Classroom-7 (2016)" and replace with "Classroom-19 (3016)"
- H. Delete tag "Classroom-8 (2017)" and replace with "Classroom-20 (3017)"
- I. Delete tag "Classroom-9 (2018)" and replace with "Classroom-21 (3018)"
- J. Delete tag "Stair 3 (2019)" and replace with "Stair 3 (3019)"
- K. Delete tag "Classroom-10 (2020)" and replace with "Classroom-22 (3020)"
- L. Delete tag "Classroom-11 (2021)" and replace with "Classroom-23 (3021)"
- M. Delete tag "Toilet (2022)" and replace with "Toilet (3022)"
- N. Delete tag "Girl's Toilet (2023)" and replace with "Girl's Toilet (3023)"
- O. Delete tag "Janitor (2024)" and replace with "Janitor (3024)"
- P. Delete tag "Boy's Toilet (2025)" and replace with "Boy's Toilet (3025)"
- Q. Delete tag "Classroom-12 (2026)" and replace with "Classroom-24 (3026)"

Change 41: Sheets A3.1,A 3.2, A3.4, A3.5:

At Elevation keynote legend make the following modifications:

- A. Keynote 3, delete word: "Weldd" and replace with "Welded".
- B. Keynote 7, after "spec. sect. 10425" insert: "and drawing sheet A14.0".
- C. Keynote 13, delete portion of note: "(Keynotes 16+19)" and replace with: "Keynotes 16+18".
- D. Keynotes 16 and 18; delete: "Bright Silver" and replace with: "Weathered Zinc".

Change 42: Sheet A3.5, detail 1:

Add graphic (horizontal line) to indicate coping above metal panels in drawing.

Change 43: Sheet A4.1, detail 3:

At Chiller Well, shift chiller and support graphic location to coordinate/align with the roof plan on sheet A1.4A detail 1.

Change 44: Sheet A4.4, detail 2:

Add a dual-face clock 8'-0" A.F.F at center on column line E masonry enclosure at first, second and third floors; Corridors (1020), (2008) and (3008).

Change 45: Sheet A5.3, detail 1:

- A. Add graphic and note callout for motorized shade at high window in gymnasium. Mount housing to roof deck between structure and window wall at head.
- B. At spandrel panel of high window in gymnasium, add graphic and callout note: "1- piece prefinished aluminum cover over visually exposed insulation, by window wall manufacturer".
- C. Delete elevation tag text: "T/ Mas. Parapet at 146'-0" and replace with "T/Blkg. at frame parapet, at 146'-8".
- D. Delete graphic for 2-piece extruded prefinished aluminum sill extension trim at high window sill.

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 46:** Sheet A5.4, detail 1:
- A. Adjacent to gridline 13 at the vegetated roof and stair penthouse, add graphic and note for OSHA ladder: "hot-dipped galvanized OSHA ladder (beyond)".
 - B. At stair penthouse between gridline 12 and gridline 13 add HSS diagonal bracing (beyond chiller), coordinate location with revised structural drawings.
 - C. At scupper at stair penthouse delete note and replace with new note: "8"x16" scupper to D.S. spill to precast splash block at lower roof; offset downspout between the HSS diagonal bracing and exterior face of wall HSS diagonal bracing (beyond)".
- Change 47:** Sheets A5.1 and A6.1:
- A. At "Enlarged Section + Plan Notes Legend", delete description for Keynote "113-L" and replace with: "Continuous two-piece extruded alum. Sill, jamb + head extension trim by win. Wall mfr. Color to match window wall w/concealed fasteners. Return ends and perimeter seal in color to match window wall."
 - B. At "Enlarged Section + Plan Notes Legend", delete description for keynote "108-G" and replace with description: "Weep hole ventilators at 24" o.c. max., provide min. 2 per open'g at smaller wall open'gs".
- Change 48:** A6 series (all sheets):
- A. Add general note: "Thru-wall masonry flashing note: at all locations where thru-wall flashing at exterior masonry cavity walls cannot extend 16" vertically due to horizontal joint reinforcement, etc. install min. 8" vertically from lintel surface."
 - B. Add general note: "Provide air barrier transition strips at all control joints, corner transitions, material transitions as recommended by air-barrier manufacturer and as required for compatibility with adjacent sealants, coordinate with other trades as required".
- Change 49:** Sheet A6.3:
- A. At Detail 3, delete callout note 107-N and graphic representation of 2 piece extruded prefinished aluminum sill extension trim at window wall sill.
 - B. At Detail 4, add graphic and callout for motorized window shade at high window in gymnasium with note: "119-H, Motorized". Mount housing to roof deck between structure and window wall at head.
 - C. At Detail 4, at spandrel panel at high window in gymnasium, add graphic and callout note: "1-piece prefinished aluminum cover over visually exposed insulation, by window wall manufacturer".
 - D. At Detail 4, graphically indicate batt insulation in cold-formed metal (light gage) box headers, add note: "Fill all perimeter wall box-headers w/min. R-14 Batt insulation prior to installation, typ."
 - E. At Detail 4, add callout note at steel plate graphic beneath wood coping blocking: "1/4" galvanized steel plate at head of window wall, secure to cold formed framing, reference structural".
 - F. At details 3+7, at note regarding mortar setting bed and anchorage of angles, delete portion of note: "w/ 1/2" exp. Anchors" and replace with: "1/2-inch HILTI Kwik Bolt 3 Expansion anchor (min. 3-1/2" embedment). Install anchor in strict accordance with Manufacturers instructions".

PUBLIC BUILDING COMMISSION OF CHICAGO

Change 50: Sheet A6.5:

- A. At Detail 2, revise dimension at 2 piece sill extension trim from 1 ¼" to 1" and add graphic and note: "chamfer the top of ¾" solid surface wall base to align with extension trim, align all window wall extension trim flush with interior face of gypsum wallboard, typ."
- B. At Detail 3, delete portion of note: "wood panel ceiling ref. specification section 09512" and replace with: "suspended wood slat ceiling system, reference specification section 09570".

Change 51: Sheet A6.8:

- A. At Detail 7, delete note "107-N" and graphic representation of 2 piece extruded prefinished aluminum sill extension trim at clerestory window sill. Revise window wall profile at this location from 6" to 8" profile, add note "8-inch profile" after 113-A.
- B. At Detail 8, delete note "107-N" and graphic representation of 2 piece extruded prefinished aluminum sill extension trim at clerestory window head. Revise window wall profile at this location from 6" to 8" profile, add note "8-inch profile" after 113-A.

Change 52: Sheet A6.9:

- A. At detail 6, revise 6" window wall profile to 8" profile, after keynote "113-A", add note: "8" profile", delete graphic of 2-piece prefinished aluminum sill extension trim.
- B. At detail 6, delete note 113-L
- C. At detail 7, Revise 6" window wall sill, jamb, and head profile to 8" profiles, after 113-A, add note: "8" profile".
- D. At detail 7, add callout note and arrow to framing between CMU wall cavities: "metal framing @16" o.c. max."
- E. At detail 7, at note to left of detail, between "J-bead" and "At" add: "backer rod and selant".
- F. At detail 11, Revise 6" window wall sill, jamb, and head profile to 8" profiles and remove 2 piece prefinished aluminum sill extension trim.
- G. At detail 11, delete note 113-L and associated graphic, at 113-A add: "8" profile", graphically adjust.

Change 53: Sheet A6.11, detail 2:

Graphically revise both 8" window wall jamb profiles to 6" profiles while holding 4" dimension from column line "18", adjust dimensions. Add text: "6" profile" adjacent to keynote 113-A .

Change 54: Sheet A6.19:], details 6, 9, 11:

Graphically revise window wall jamb profiles to 6" profiles while holding exterior dimension 4" from column line "18", adjust dimensions. Add text: "6" profile" adjacent to keynote 113-A in details 6+9, add keynote: "113-A, 6" profile" at window wall jamb at detail 11.

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 55:** Sheet A6.20, detail 11:
Retain masonry locations, relocate “CJ” (CMU control joint) 8” to right to align with inside face of 118-B. 10”Nom. CMU supported by foundation below shall be isolated from 8”Nom. CMU seated on elevated slab. Add compressible filler, sealant and backer rod and joint stabilizing anchors at 16” o.c. (including graphics and notes).
- Change 56:** Sheet A6.24, detail 4:
A. Add graphic for 2-piece 1”prefinished aluminum jamb and sill extension at window wall mullions, add tag: “113-L” referenced to jamb extension trim.
- Change 57:** Sheet A7.2, detail 9:
A. At gridline F at the scupper and downspout, add graphic and note “offset downspout between the HSS diagonal bracing and exterior face of masonry wall.”
B. At gridline “F” Add graphic for HSS diagonal bracing, coordinate location with structural plan and add note: “hot dipped galvanized HSS framing and diagonal bracing”.
C. Between gridline F and gridline G graphically add HSS removable beam at the center of the top framing girt.
- Change 58:** Sheet A7.4:
Delete Sheet title: “Elevator and Stair Section” and replace with: “Elevator Section and Details”.
- Change 59:** Sheet A8.4:
A. At detail 2, relocate overhead projection screen graphic and note “8’PS” to opposite (north) wall of room. Relocate note “overhead projector provisions, provide 1” empty conduit with pull wire to associated concentrator enclosure to the ceiling mounted projector.” 12’ south of north wall and add note: “coordinate with electrical drawings”.
B. At detail 4C delete 8’ projection screen graphic and identification note: “8’ Projection screen @T/mounting board”.
C. At detail 4A add 8’ projection screen graphic and identification note: “8’ Projection screen @T/marker board, center on marker board”.
- Change 60:** Sheet TR2.1, detail E5:
Add general note: “Fill all sides with screen or mesh, do not leave open face(s)”.
- Change 61:** Left intentionally blank.
- Change 62:** Sheet S.02:
Modify Column Schedule (Column C11 and clarification notes regarding firetrol casing) as indicated on SSK-10, attached.
- Change 63:** Sheet S1.1A:
Modify column designations at F.5/10 and E.5/10 as indicated on SSK-17, attached.
- Change 64:** Sheet S1.2A, Framing Updates:

PUBLIC BUILDING COMMISSION OF CHICAGO

- A. Revise beam sizes at Computer Lab as indicated on SSK-11, attached.
- B. Add beam size designation at expansion joint as indicated on SSK-12, attached.

- Change 65:** Sheet S1.4A:
Revise chiller well louver support framing including additional galvanized steel HSS posts as indicated on SSK-21, attached.
- Change 66:** Sheet S1.5:
Delete entire sheet S1.5 dated 11.20.08 and replace with new sheet S1.5, mark 2, dated 12.09.08, attached. Changes to sheet include, but are not limited to, clarifying extents of 8"/12" CMU at masonry compactor enclosure, clarify enclosure roof plan, updated framing and slab edges at clerestory roof framing plan, updated framing for screen at chiller well. Added new details 3/S1.5 and 4/S1.5.
- Change 67:** Left intentionally blank.
- Change 68:** Left intentionally blank.
- Change 69:** Sheet S3.1, detail 14:
Add additional clarification note to detail as indicated on SSK-16, attached.
- Change 70:** Sheet S3.2:
A. At detail 5, revise note as indicated on SSK-15, attached.
B. At detail 16, add the following clarification note: "Steel Plate Installation Note: Install the steel plate at the floor / roof joint and fill the void with concrete only after the entire building exterior CMU walls below (1 story) and above (1 story) the floor deck under consideration are installed and building is enclosed".
- Change 71:** Sheet S3.5:
A. Detail 1, delete detail and replace with revised chiller louver support framing detail as indicated on SSK-01, attached.
B. Detail 2, delete detail and replace with revised chiller louver support framing detail as indicated on SSK-02, attached.
C. Detail 4, add clarification note as indicated on SSK-03, attached.
D. Detail 5, modify detail title and notes, add clarification notes as indicated on SSK-04, attached. Secure this and other similar plates to cold formed framing wall and tube steel for support of coping and window wall support.
E. Detail 7, modify drawing title to clarify the extent of application as indicated on SSK-05, attached.
F. Detail 8, modify detail title and notes as indicated on SSK-06, attached.
G. Detail 10, modify detail notes and graphics as indicated on SSK-07, attached.
H. Add new detail 11/S3.5 as indicated on SSK-08, attached. Detail indicates cold formed (light gage) framing along grid line A at Library clerestory roof.
- Change 72:** Sheet S3.6, detail 1:
Add note clarifying steel plate at top of cold formed framing as indicated on SSK-22, attached. Secure this and other similar plates to cold formed framing for support of coping and window wall support.
- Change 73:** Sheet S4.1, detail 7:

PUBLIC BUILDING COMMISSION OF CHICAGO

Added bracing elevation for Chiller well screen support framing and added axial capacity of beam connections required at lateral bracing as indicated on SSK-09, attached.

- Change 74:** Sheet S5.1, detail 6:
Delete note 1 and replace with revised note 1 as indicated on SSK-13, attached. Note clarifies typical CMU bond beam reinforcement.
- Change 75:** Sheet S5.2:
A. At detail 3, add note clarifying penthouse wall reinforcement as indicated on SSK-14, attached.
B. At detail 4, add graphic and note for L1 over roof penthouse access door.
- Change 76:** Sheet E0.1:
At Drawing List, delete sheet title for E6.2 and replace with "Rescue Assistance System Riser Diagram".
- Change 77:** Sheet E1.0:
At detail 1, at 4" AT&T service conduit add graphic and callout note "New Hand hole 24"x24" int., ref. 13/E8.4 to be provided and installed by contractor, contractor to coordinate requirements with other trades for installation flush with finished grade, locate within 5'-0" of building perimeter".
- Change 78:** Sheet E1.1A, detail 1:
A. Add one smoke detector on either side of doors equipped with electromagnetic hold-opens at the following locations;
i. Door between Workroom 1011 and Vault 1012
ii. Doors between Corridor 1017 and Corridor 1074
iii. Doors between Corridor 1074 and Corridor 1085
iv. Doors between Corridor 1074 and Corridor 1075
B. Add notes in Dining Room 1080:
"Notes:
1. Dining Room sound system equipment shall be provided and installed by Electrical contractor in accordance with project specifications. Electrical contractor shall provide conduits, j-boxes, wiring, etc.
2. Dining Room assisted listening devices shall be provided and installed by Electrical Contractor in accordance with project specifications."
- Change 79:** Sheet E2.1A, detail 1:
A. Add one smoke detector on corridor side of electromagnetically held-open doors between Hall 2047 and Corridor 2006.
B. Add one smoke detector on either side of doors between Gymnasium 2040 and Hall 2038.
C. At stage platform Storage 2044, shift LP-S symbol out of chase to west wall of room interior.
D. Add wall mounted SCE in Storage 2005 as shown in ESK-01, attached.
- Change 80:** E3.1A:
Add graphic and callout note for horizontal roof drain piping heat trace from high library

PUBLIC BUILDING COMMISSION OF CHICAGO

roof: "Pipe heat trace HT-1, coordinate with plumbing plans, refer to plumbing drawing P5.1 for specification."

- Change 81:** Sheet E6.2:
Delete sheet title: "Communication Riser Diagram" and replace with: "Rescue Assistance System Riser Diagram".
- Change 82:** Sheet E4.1C:
Add motorized exhaust fan and schedule information in Yard Storage Room 1088 as shown on ESK-02, attached.
- Change 83:** Sheet P3.1A, detail 1:
Add heat trace to roof drain and downspout piping from high library roof (in soffit) as indicated on PSK-01, attached.
- Change 84:** Sheet P5.1:
Delete "Laboratory Waste and Vent Piping" notes and replace with revised "Laboratory Waste and Vent Piping" notes for compliance with Chicago Code as indicated on PSK-02, attached.
- Change 85:** Sheet P1.1A:
Revise elevator pit pump discharge piping into funnel floor drain in Janitor Closet 1067 as indicated on PSK-03, attached.
- Change 86:** Sheet M1.1A:
A. Add notes to provide sizing of KE-1 pursuant to request of permit reviewer as indicated on MSK-01, attached.
B. Add new EF-10 to serve Yard Storage Room, modify size of intake louver in room, modify notes regarding exhaust fan and louver in room as indicated on MSK-01, attached.
- Change 87:** Sheet M1.1C:
A. Modify size and location of radiant panel RAD 1-1, modify piping to accommodate new panel location, incorporate keyed note 1 from sheet M1.1C for filter panel as indicated on MSK-02, attached.
B. Modify size of hot water supply and return piping to UH-A as indicated on MSK-09, attached.
- Change 88:** Sheet M3.1A:
Removed two diffusers from Library 3002 and adjust duct routing for two type A diffusers as indicated on MSK-03, attached.
- Change 89:** Sheet M3.1B:
Modify ductwork routing, size, and diffuser locations in Music Room 3027 as indicated on MSK-04, attached.
- Change 90:** Sheet M6.9:
Added control diagram for EF-10 as indicated on MSK-05, attached.

PUBLIC BUILDING COMMISSION OF CHICAGO

Change 91: Sheet M7.1:
Modify refrigeration schedule and refrigeration notes as noted on MSK-06, attached.

Change 92: Sheet M7.2 :

- A. Added EF-10 to the Fan Schedule and added notes to the remarks column as indicated on MSK-07, attached.
- B. Added diffuser type "L" to the Diffuser Schedule as indicated on MSK-07, attached.
- C. Added a model type for diffuser type "K" as indicated on MSK-07, attached.
- D. Added remark "3" to all diffusers as indicated on MSK-07, attached.

Change 93: Sheet M7.3

- A. Modify information for UH-A in Hydronic Heater Schedule as indicated on MSK-08, attached.

Change 94: Sheets M6.1 – M6.11 (inclusive):
Delete all notes: "For Reference Only" from drawings.

QUESTIONS & ANSWERS:

- Q1.** The Avondale plans to not denote a divider curtain, this would be a pretty common installation. Was this overlooked, or simply not required?
- A1.** **A Gymnasium sub-dividing curtain is not required.**
- Q2.** Sheet C1.0 indicates (2) light poles to be relocated on the project site. Sheet C2.0 indicates (2) new light poles to be installed. Please advise if the (2) light poles are to be relocated or if new poles are to be installed.
- A2.** **The light poles indicated to be relocated and new (within the right of way) will be provided under a separate contract coordinated with the Owner and associated utility.**
- Q3.** The walls on the prairie planters need to all be the same Height, not as drawn in 2/L1-02. As drawn, the walls casting will be a two stage process. As drawn it will require that the planters be partially filled with top soil, the area under the intermediate wall will then have to be hand excavated and filled with stone, then the intermediate walls, formed poured and stripped over the partial bed of topsoil. Please make all of the planter walls the same depth to avoid this more costly, less- than- best practice approach.
- A3.** **Refer to revised planter details outlined in Addendum 2. It is acceptable to form intermediate walls to the depth equal to perimeter planter walls, at no additional cost or time increase to the contract. The height shall be as referenced on the Civil Grading & Drainage Plan.**
- Q4.** There is a 117' gap in tree planting along Milwaukee Ave. The city landscaping ordinance asks for trees 25'-0' OC along roads. In this gap intentional?

PUBLIC BUILDING COMMISSION OF CHICAGO

- A4. Yes, gap is intentional, trees shall be installed as per plan.**
- Q5.** The specifications for “Projection Screens” include a spec for motorized projection screens only. Please provide a spec for non-motorized screens.
- A5. Refer to Specification Section 11132 modifications in Addendum 2.**
- Q6.** Rooms 1058 and 1055 on sheets A1.1a & A1.1b are labeled as store rooms. On sheets A2.1a and A2.1b these rooms are labeled as toilet rooms.
- A6. Refer to Addendum 2.**
- Q7.** C1.01 indicates tree grates on all existing trees along Milwaukee Ave and Springfield. A site visit reveals only (3) tree grates are in place and they are 78”x 42”. Are we required to provide new tree grates for all of the trees? What Size?
- A7. Contractor shall provide tree grates for all new and existing street trees on Milwaukee Avenue, and four new trees on Springfield Avenue as identified on plan.**
- Q8.** Upon review of site conditions, it was discovered a swing gate on the SW corner of the project site adjacent to the existing property. Please advise if this gate and access through the existing drive lane will be permitted for construction activities. Please see attached sketch.
- A8. No, access from the adjacent Bank property cannot be utilized for Construction activities. Contractor shall provide Site Mobilization / Utilization plan for review and approval in accordance with project specifications.**
- Q9.** Drawing L1-01 contains the Note ‘Permeable paver C’ in the parking lot on the northwest side of Springfield but no paver type C is shown in the legend. Is this lot to be paved with asphalt, is it to receive permeable Pavers, or is it to receive one of the scheduled pavers and, if so which one?
- A9. Parking lot shall be permeable paver type “A”, Refer to Change 28 of this addendum.**
- Q10.** Please define the limits of the “Stamped Concrete Pavement called out on C2.0.
- A10. There shall be no stamped concrete pavement areas. The call out on sheet C2.0 along the Springfield Avenue frontage will be revised to indicate “Concrete pavement and base (typ.)”, refer to Addendum 2.**
- Q11.** Drawing AS.2 shows a 12” curb on the School side of the trash enclosure drive; what type of curb is required on the Avers St. side of the drive?
- A11. The east side of drive shall receive a 6” wide barrier curb, a concrete curb and gutter is required along Avers Street. Refer to Civil Construction Details.**

PUBLIC BUILDING COMMISSION OF CHICAGO

- Q12.** How high is the ornamental fence on the project? If there is more than one height required, please indicate the limits of each height of fence.
- A12. Refer to callouts on Sheet L2.01 and change 31 of this Addendum for ornamental fence clarification.**
- Q13.** Requesting information for the following items for the asphalt and site concrete bid packages:
- A. What is the curb type in the northwest permeable paver parking lot (barrier or curb and gutter?)
 - B. What is the depth of the mill and grind of street pavement for North Springfield Avenue?
 - C. What are the limits of the stamped concrete pavement?
 - D. Is there a detail on the 12" wide curb which leads to the trash enclosure?
 - E. Who is responsible for traffic control for work in roads?
 - F. What bid package is responsible for saw-cutting of roads?
 - G. What surrounds the trash/recycle, generator enclosure and transformer areas... walls or curb?
 - H. Who is responsible for the PCC base and asphalt patch at roadway utility connections?
- A13.**
- A. Concrete barrier curb is proposed to bound the paver pavement within the parking lot property site.**
 - B. Mill and grind surface course of asphalt pavement unless indicated otherwise. Refer to detail 8/C5.3 for depth information.**
 - C. There are no stamped concrete pavement areas. The call out along the Springfield Avenue frontage will be revised to indicate: "Concrete Pavement and Base (Typ.)", refer to Addendum 2.**
 - D. Refer to detail 9/C5.0.**
 - E. Contractor shall be responsible for all street closures and any associated work.**
 - F. Saw-cutting work and all associated construction are part of this bid package.**
 - G. Refer to architectural and structural drawings.**
 - H. Contractor is responsible for coordination, construction, connections, restoration of right of way areas, and other related work as indicated on the plans and project specifications.**

ATTACHMENTS:

Project Specification Table of Contents, 7-pages, dated 12/09/08
Specification Section 11400 Food Service Equipment, dated 12/09/08
Specification Section 15950 Building Automation System (BAS) General, dated 12/09/08
Specification Section 15951 BAS Basic Materials, Interface Devices, and Sensors, dated 12/09/08
Specification Section 15952 BAS Operator Interfaces, dated 12/09/08
Specification Section 15953 BAS Field Panels, dated 12/09/08
Specification Section 15955 BAS Software and Programming, dated 12/09/08
Specification Section 15955 Exhibits
CSK-01, 1-page (8-1/2"x11" format), dated 12.09.08
LSK-01, 1-page (8-1/2"x11" format), dated 12.09.08
LSK-02, 1-page (8-1/2"x11" format), dated 12.09.08

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ASK-01, 1-page (11"x17" format), dated 12.09.08
Sheet S1.5, 1-sheet (30"x42" format), dated 12.09.08
SSK-01, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-02, 1-page (8-1/2"x11" format), dated 12.09.08
SSK-03, 1-page (8-1/2"x11" format), dated 12.09.08
SSK-04, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-05, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-06, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-07, 1-page (8-1/2"x11" format), dated 12.09.08
SSK-08, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-09, 1-page (11"x17" format), dated 12.09.08
SSK-10, 1-page(11"x17" format), dated 12.09.08
SSK-11, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-12, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-13, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-14, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-15, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-16, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-17, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-18 Number not used.
SSK-19 Number not used.
SSK-20 Number not used.
SSK-21, 1-page(8-1/2"x11" format), dated 12.09.08
SSK-22, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-01, 1-page(11"x17" format), dated 12.09.08
MSK-02, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-03, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-04, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-05, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-06, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-07, 1-page(8-1/2"x11" format), dated 12.09.08
MSK-08, 1-page(8-1/2"x11" format), dated 12.09.08
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PSK-02, 1-page(8-1/2"x11" format), dated 12.09.08
PSK-03, 1-page(8-1/2"x11" format), dated 12.09.08
ESK-01, 1-page(8-1/2"x11" format), dated 12.09.08
ESK-02, 1-page(8-1/2"x11" format), dated 12.09.08

END OF ADDENDUM NO.2