PUBLIC BUILDING COMMISSION OF CHICAGO
PECK ELEMENTARY SCHOOL RENOVATION

ADDENDUM NO. 1 TO CONTRACT NO. 1536
FOR
PECK ELEMENTARY SCHOOL
3826 W. 58th Street
For
Renovation

DATE: November 23, 2011

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: In Book 1, Section VI. ADDITIONAL DOCUMENTS TO BE EXECUTED add "Proposed Alternate Masonry Restoration Subcontractor" form to DOCUMENT SUBMITTAL CHECKLIST "if applicable attach with bid.

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

Change 2: 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 3: General Comment for all spec sections:

A. Where "Leed Certification" is indicated, spec shall be revised to indicate "~~Leed~~ ***Sustainability*** Certification." Where "Leed Certification" or "Sustainability Certification" is indicated, spec shall indicate that the certification shall be "… ***documented per Section 01353."***

Change 4: Section 01113 – Construction Operations and Site Utilization Plan:

A. Revise paragraph 1.4, A, 7 as follows:
Renovations in student occupied areas shall start no sooner than ~~June 14, 2012 at 5:00 PM~~ ***June 18, 2012 at 12 noon***.

a. All rooms, corridors and spaces on the first and second floor are considered a student occupied area excluding Rooms: 124.

Change 5: Section 01506 – Integrated Pest Management During Construction:

A. Delete paragraph 1.1, A.

Change 6: Section 02070 – Selective Demolition:

A. Revise paragraph 1.1, B as follows:
NOTE: ASBESTOS-CONTAINING BUILDING MATERIALS (ACBM) OR MATERIALS

WITH LEAD-BASED PAINT (LBP) SHALL BE REMOVED OR THE HAZARD ABATED/MITIGATED BY LICENSED ENVIRONMENTAL CONTRACTORS ACCORDING TO APPROPRIATE ENVIRONMENTAL SPECIFICATIONS (FOUND ELSEWHERE IN THIS DIVISION). ~~ENVIRONMENTAL CONSULTANTS LICENSED TO IDENTIFY ACBM AND LBP SHALL VERIFY PRESENCE OF THESE MATERIALS PRIOR TO SCOPE FINALIZATION BY AOR~~ ***THE SCOPE WAS FINALIZED BY THE ARCHITECT OF RECORD (AOR) AND THE ENVIRONMENTAL CONSULTANT HAS VERIFIED THE PRESENCE OF ACBM AND LBP.***

Change 7: Section 02131 – Asbestos Abatement for Interiors:

A. Revise paragraph 1.2, B as follows:
Architect of Record (AOR) means the entity that assembles the overall project bid documents and bid package, and ~~approves~~ ***provides site observation on*** the completed construction work.
B. Replace "~~AOR~~" with "***Commissioner***" in paragraphs 1.7, A, B, C, D.

Change 8: Section 02132 – Asbestos Abatement for Exteriors:

A. Revise paragraph 1.2, B as follows:
Architect of Record (AOR) means the entity that assembles the overall documents and bid package, and ~~approves the work~~ ***provides site observation on the completed construction work***.

Change 9: Section 02133 – Lead-Based Paint Mitigation/Abatement:

A. Revise paragraph 1.2, B as follows:
Architect of Record (AOR) means the entity that assembles the overall documents and bid package, and ~~approves the work~~ ***provides site observation on the completed construction work.***

Change 10: Section 02136 – General Dust, Fume and Odor Control:

A. Revise paragraph 1.3, B as follows:
Architect of Record (AOR) means the entity that assembles the overall documents and bid package, and ~~approves the completed work~~ ***provides site observation on the completed construction work***.

Change 11: Section 02822 – Ornamental Fence:

A. Revise paragraph 1.2, B as follows:
Shop Drawings: Submit complete fabrication and installation drawings. Show location of fencing and gates posts, and details of post installation, expansion joints, and welding details. ***AOR shall indicate on shop drawing review: 10' area of in-place mock-up for approval prior to complete installation.***

Change 12: Section 03200 – Concrete Reinforcement:

A. Insert the following in front of 2.1, A:
Sustainability Certification: Provide reinforcing having minimum 40% recycled steel content manufactured within 500 miles of the site and document per Section 01353.

Change 13: Section 03210 – Epoxy Coated Reinforcing Steel:

A. Insert the following in front of 2.01.A:

Sustainability Certification: Provide reinforcing having minimum 40% recycled steel content manufactured within 500 miles of the site and document per Section 01353.

Change 14: Section 04200 – Unit Masonry:

A. Revise paragraph 3.3, H, 1, c as follows:
Space anchors as indicated, but not more than ~~16~~ ***16*** inches O.C. vertically and 32 ~~inch~~ ***inches*** O.C. horizontally.

Change 15: Section 04902 – Masonry Restoration and Cleaning:

A. Revise paragraph 1.2, B, 4 as follows:
For each color and finish of terra cotta, ***three custom matches*** on 6-inch square sample.

B. Revise paragraph 1.3, B as follows:
The following contractors are qualified to perform the masonry restoration work on this project:
   A. Mark 1 Restoration Company
   B. LS Contracting Group
   C. Bulley & Andrews Masonry Restoration
   D. Design Installation Systems
   E. ***Alternate Masonry Restoration Subcontractor in accordance with the following experience criteria.***
      a) ***Bidders may submit an Alternate Masonry Restoration Subcontractor(s) form at the time of bid only.***
      b) ***Alternate masonry restoration subcontractor(s) must demonstrate effective performance of at least $20,000,000 in masonry restoration work over the past five years, of which $2,500,000 is specifically in performance of terra cotta restoration. The full-time onsite project foreman should have a minimum of 10 years of masonry restoration, including 5 years of terra cotta restoration. The resume of proposed site foreman and a list of the individuals' qualifying experience, as well as, the subcontracting firm's list of qualifying projects and references shall be submitted at time of bid on the form included in Book 1 (added in addendum 1).***
      c) ***Alternate masonry subcontractors that do not demonstrate experience criteria will be rejected.***
      d) ***If Alternate Mason is rejected, bidder agrees at no additional cost to use one of the four (4) qualified masonry contractors.***

C. Revise paragraph 3.6, I, 10 as follows:
After final layer of patching compound has cured, apply glaze replacement according to manufacturer's written instructions. Apply two or more coats, as needed, to match glaze of adjacent terra cotta units. ***Apply glaze replacement to full terra cotta unit.***

Change 16: Section 07900 – Joint Sealants:

A. Revise paragraph 2.1, A, 1 as follows:
Colors of Exposed Joint Sealants: ***Custom color*** as ~~selected~~ ***approved*** by Architect ~~from manufacturer's full range for this characteristic~~ ***to match***

adjacent material.

Change 17: Section 08110 – Steel Doors and Frames:

A. Revise paragraph 1.3, E as follows:
Acoustic Performance: Where shown or scheduled, provide door and frame assemblies fabricated as sound-reducing type, tested according to ~~ASTM E 1408~~ ***ASTM E 90***, and classified according to ASTM E 413.

B. Revise paragraph 2.6, L, 1 as follows:
Unless otherwise indicated, provide acoustical door assemblies with STC sound ratings of ~~33~~ ***30*** or better.

Change 18: Section 08312 – Access Doors and Frames:

A. Revise paragraph 1.4, A as follows:
Verification: Determine specific locations and sizes for access doors needed to gain access to concealed equipment, and indicate on schedule specified in "Submittals" Article. ***All access doors to complete the scope of work are base contract work.***

B. Add paragraph 1.1, B as follows:
Contractor shall coordinate pre-installation conference to obtain approval from commissioner and architect for all locations.

Change 19: Section 08525 – Replacement Aluminum Vertical Sliding (Hung) Windows:

A. Revise paragraph 1.2, B as follows:
Shop Drawings: Shop drawings shall be the responsibility of the window manufacturer and prepared by the manufacturer's authorized agent bearing the manufacturer's name. Drawings prepared by others are not acceptable. ***Prior to submission of shop drawings, G.C. shall coordinate including the installers information on the shop drawings, including but not limited to, job specific anchor details and fastener types, sealant types and dimensions, and indication of coordination with other trades such as vapor barrier and masonry.*** Submit certification signed by the window manufacturer stating the shop drawings comply with manufacturers' installation details for a complete installed window unit. Submit information not fully detailed in submitted standard manufacturer's product data and the following:

Change 20: Section 08710 – Door Hardware:

A. Revise Door Hardware Set #2 as follows:
- Hinges change finish to ***652***
- Storage Lock change finish to ***630***
- Door Closer change finish to ***689***

B. Revise Door Hardware Set #9 as follows:
- Add ***SURFACE BOLTS N1850L A 630***
- Add ***PADLOCKS KEY TO EXISTING CR 626***
- Weatherstrip, change 2891-S to "***2891-S HEAD***"
- Weatherstrip, change 303-S to "***303-S JAMBS***"

C. Revise Door Hardware Set #10 as follows:
- Hotel Lock change finish to ***612 X 630***
- ***Delete*** wall Door Stop. Not required.

D. Revise Door Hardware Set #30 as follows:
   - Hinges change finish to ***630***

E. Revise Door Hardware Set #54 as follows:
   - Door Closers change finish to ***690***

F. Revise Door Hardware Set #59 as follows:
   - Hinges change finish to ***628***

G. Add Door Hardware Set #60 as follows:

• ***GEARED HINGES***	***780-224-HD-UL-STUD SERIES***	***HA***	***628***
• ***EXIT DEVICES***	***98NL-F-994L***	***V***	***630***
• ***REMOVABLE MULLION***	***KR9954***	***V***	***689***
• ***STORAGE MOUNT***	***164***	***V***	***689***
• ***CYLINDERS***	***AS REQUIRED***	***CR***	***626***
• ***DOOR CLOSERS***	***4041 SPRING-CUSHJ***	***L***	***689***
• ***KICKPLATES***	***15" X 2" LDW***	***R***	***630***

H. Add Door Hardware Set #68 as follows:

• ***SPRING PIVOT***	***7122***	***BOMMER***	***US10***

I. Add Door Hardware Set #69 as follows:

• ***HINGES***	***BB1191 4 ½ X 4 ½***	***HA***	***630***
• ***STORE ROOM LOCK***	***8805FL (F07)***	***Y***	***630***
• ***CYLINDER***	***KEY TO EXISTING***	***CR***	***626***
• ***DOOR CLOSER***	***4041 SPRING-CUSH SRI***	***L***	***689***
• ***KICKPLATE***	***15" X 2" LDW***	***R***	***630***
• ***WEATHERSTRIP***	***2891-S HEAD***	***P***	***TBS***
• ***WEATHERSTRIP***	***303-S JAMBS***	***P***	***TBS***
• ***DOOR SWEEP***	***15100-NB***	***P***	***TBS***

Change 21: Section 12500 – Window Treatments – Shades:

A. Add paragraph 2.3, H as follows:
   The manually operated chain drive roller shade hardware and brackets shall provide for universal, regular, and off-set chain drive capacity. The drive sprocket and brake assembly shall rotate on a steel pin. Shade braking mechanism shall be applied to a low friction hub onto which the brake system is mounted. The low-friction hub assures a non-jerky operation in the raising and lowering of the shades. The shadecloth shall attach to the tube via a spline attachment. Warranty shall be manufacturer's standard ten-year non-depreciating fit for use.

B. Revise paragraph 2.4, G as follows
   Color: ~~Match existing to be replaced~~ ***As selected by Architect from Manufacturer's full range.***

Change 22: Section 13030 – Acoustic Modular Barrier Panels:

A. Revise paragraph 1.2, A, 1 as follows:
   Acoustical performance for 4 inch panels: Minimum NRC (Noise Reduction Coefficient) rating of 0.95 and minimum STC (Sound Transmission Class) of ~~42~~ ***37***.

B. Revise paragraph 1.2, A, 3 as follows:
   Acoustical performance for door shall have a minimum STC (Sound Transmission Class) of ~~45~~ ***37***.

Change 23: Section 14240 – Hydraulic Freight Elevators:

A. Delete entire spec section in favor of new spec section 14241 – Hydraulic Passenger Elevators,
See attached 14241 Spec (15 pages).

Change 24: Section 15958 – Sequence of Operations:

A. Add entire spec section to this project,
See attached 15958 Spec (29 pages).

CHANGES TO DRAWINGS:

Change 25: Sheet G1.2, Notes, Abbreviations, & Symbols:

A. Revise the Abbreviations list as follows:
- CB = ~~Catch Basin~~ ***Chalk Board***
- TB = ~~Towel Bar~~ ***Tack Board***
- Add "***MB = Marker Board***"

Change 26: Sheets D1.0A thru D1.2B:

A. Revise keynote #7 in Keynote Legend as follows:
Remove existing radiator and associated piping. ***Contractor shall cap and full seal openings.***

B. Revise keynote # 48 in Keynote Legend as follows:
Remove portion of conc. slab ***between joist stems at thin slab***, assume ***12" dia. for round penetrations and*** 15" x ~~36"~~ ***17" for others***, to allow for new supply from plenum below, ref struct. and mech.

Change 27: Sheet D1.1A, First Floor Demolition Plan 'A':

A. Revise duct penetrations from four large penetrations to fourteen total smaller penetrations behind the existing furred out walls,
See ASK-010.

B. The new wall opening along Column Line 'E' between Columns '5' and '6' shall be centered between columns '5' and '6.'

Change 28: Sheet D1.3A, Roof Demolition Plan "A":

A. Revise Roof Demo Keynote 3 as follows: Remove all debris from roof. ~~Allow for 3 cubic yards of material."~~

B. Revise Roof Demo Keynote 18 as follows: "Remove area of wet roofing materials down to structured concrete deck for replacement. ~~Allow~~ **Provide** for 500 square feet in base scope."

C. Add roofing demolition scope related to structural work,
See Sheet D1.3A.

Change 29: Sheet D1.3B, Roof Demolition Plan "B":

A. Revise Roof Demo Keynote 3 as follows: Remove all debris from roof. ~~Allow for 3 cubic yards of material."~~

B. Revise Roof Demo Keynote 18 as follows: "Remove area of wet roofing materials

down to structured concrete deck for replacement. ~~Allow~~ **Provide** for 500 square feet in base scope."

C. Add roofing demolition scope related to structural work,
See Sheet D1.3B.

Change 30: Sheet D2.0A, Basement Ceiling Demolition Plan "A":

A. Add ceiling scope for structural repairs along Column Line D. Delete ceiling scope and wall scope referenced for structural repairs along Column Line 2. Identify locations of known utility interferences,
See Sheet D2.0A.

Change 31: Sheet D2.0B, Basement Ceiling Demolition Plan "B":

A. Add ceiling scope and wall scope for structural repairs along Column Line D. Identify locations of known utility interferences,
See Sheet D2.0B.

Change 32: Sheet D2.1A, First Floor Ceiling Demolition Plan "A":

A. Add ceiling and wall scope for structural repairs along Column Line 3,
See Sheet D2.1A.

Change 33: Sheet D2.1B, First Floor Ceiling Demolition Plan "B":

A. Add ceiling and wall scope for structural repairs along Column Line 21,
See Sheet D2.1B.

Change 34: Sheet D2.2A, Second Floor Ceiling Demolition Plan "A":

A. Add ceiling scope for structural repairs between Column Line 2 and 3. Delete ceiling scope referenced for structural repairs between Column Lines 5.8 and 6.8. Add ceiling scope for structural repairs between Column Line 10 and 11,
See Sheet D2.2A.

Change 35: Sheet D2.2B, Second Floor Ceiling Demolition Plan "B":

A. Add ceiling scope for structural repairs between Column Line 21 and 22. Add ceiling scope for structural repairs between Column Line 18.2 and 20.8. Add ceiling scope for structural repairs between Column Line 16 and 17,
See Sheet D2.2B

Change 36: Sheets D3.1 thru D3.4:

A. Remove keynote D25 from Keynote Legend.
B. Replace "~~Boiler House~~" with "***School***" in Scope of Work Note 1.g.
C. Remove the requirement for up-close access to the chimney in General Demo Note D3.

Change 37: Sheet A1.0, Basement Floor Plan:

A. Delete note #8 regarding replacement of handrails under 'General Renovation Notes.'
B. Delete note #3 regarding coating of concrete floor under 'General Renovation Notes.'

Change 38: Sheets A1.0A thru A1.2B:

A. Revise Keynote #48 in Keynote Legend as follows:
Provide new supply duct ~~enclosed in gyp. Bd. soffit enclosure. Include 10-15 supply registers~~ ***from below to be concealed behind exist. furred wall, u.n.o. and include multi-directional supply registers where shown on enlarged plans/elevations***. See A8.3 for elevation and routing.

B. Revise Keynote #36 in Keynote Legend as follows:
Provide new 1" insulated exterior glass window assemblies with panning system in place of removed windows. Include window guards and anchorage at first floor windows. ~~Work performed under prior separate contract, N.I.C.~~

C. Revise Keynote #45 in Keynote Legend as follows:
Provide new VCT flooring over subfloor, new ~~rated~~ partition between 114 and 116, patch all areas of removed walls ***including ceiling locations*** and skim coat and paint entire room. Provide new trimwork to match existing profiles and stain to continue running trimwork in room at areas where trim is not present. Provide new act grid ceiling in room 114 and patch grid in 116 as necessary.

D. Revise Keynote #9 in Keynote Legend as follows:
Provide new HM door and frame, lighting, ***ACT ceiling and grid***, toilet exhaust, mosaic CT floor and base over ~~existing floor~~ ***new subfloor***, CT wall at wet wall, new ADA toilet, lav, grab bars, ***and*** accessories~~, and electrical provisions for changing table~~. Plaster skim coat existing walls and provide new mtl stud and gyp bd wall and paint. See enlarged plan.

E. Revise Keynote #39 in Keynote Legend as follows:
Provide new electrical room w/ rated CMU walls and two exists, see MEP drawings for all new MEP scope in boiler house. ***Contractor to provide water proofing around all new below-grade penetrations.***

F. Add the following note to 'Renovation Plans General Notes:'
22) At locations of removed pipe penetrations not scheduled to be replaced in the same location, contractor shall patch finishes and fire-safe old penetrations.

Change 39: Sheet A1.0A, Basement Plan "A":

A. Add new door #0022 between boiler house and tunnel,
See ASK-011.

Change 40: Sheets A1.1, First Floor Plan, and A1.2, Second Floor Plan:

A. Revise 'General Renovation Notes' as follows:
#5) Install new interior door assemblies & hardware to meet ADA compliance at ~~all~~ ***select*** door locations ***noted in plan and door schedule***.
~~#6) Replace all handrails to meet accessibility codes, Typ.~~ **Delete entire note #6**
#7) Install new exterior doors, windows, guards, ~~and louvers~~, typ.
#9) Provide new ~~tack/~~marker board overlays over existing ~~tackboards and markerboards~~ ***chalkboards where noted by keynote #3 in plans.*** See interior elevations.

Change 41: Sheet A1.1A, First Floor Plan 'A':

A. Revise duct penetrations from four large penetrations to fourteen total smaller penetrations and remove the new horizontal ductwork associated in favor of multi-directional diffusers atop the existing furred out walls,
See ASK-012.

B. Provide tactile warning at top of stair landing adjacent to column E7 as graphically

shown on plans. Detail shall be targeted to detail 1/A13.0.

C. Add door number 0115A at the main office,
See ASK-013.

A. Change door 0190 to a double door,
See ASK-013.

Change 42: Sheet A1.1B, First Floor Plan 'B':

A. Provide tactile warning at top of stair landing adjacent to column E17 as graphically shown on plans. Detail shall be targeted to detail 1/A13.0.

B. Detail target for 3/A15.1 should circle the new Teacher's Toilet Room 124A instead of the former location. Additionally, keynote #9 should be moved from room 124 to inside of room 124A.

Change 43: Sheet A1.2B, Second Floor Plan 'B':

A. Add a horizontal rated partition at the top of the shaft to maintain fire rating of shaft,
See ASK-014.

Change 44: Sheet A1.3A, Roof Plan "A":

A. Add roofing repair scope related to structural work,
See ASK-015.

Change 45: Sheet A1.3B, Roof Plan "B":

A. Add roofing repair scope related to structural work,
See ASK-016.

Change 46: Sheet A2.2A, Second Floor Reflected Ceiling Plan 'A':

A. Add a 24"x24" 1 hour fire rated access panel in the existing plaster ceiling of the second floor, above the ACT ceiling grid,
See ASK-017.

Change 47: Sheet A2.1A, First Floor Reflected Ceiling Plan 'A':

A. Patch locations of scars on ceilings from removed walls,
See ASK-018.

B. Remove horizontal ductwork and gyp bd encasing from scope,
See ASK-019.

Change 48: Sheet A2.1B, First Floor Reflected Ceiling Plan 'B':

A. Patch locations of scars on ceilings from removed walls,
See ASK-020.

Change 49: Sheet A3.2, Building Elevations:

A. Clarify existing mural is to remain,
See ASK-021.

Change 50: Sheets A3.1 thru A3.4, Building Elevations:

A. Revise keynote #16 in Elevation Keynote Legend as follows:
Provide through-wall flashing at terra cotta window heads where terra cotta units across full window heads are designated ***by engineer*** for removal by ***contractor***

~~engineer~~ (100 linear feet). See detail 6 on sheet A6.5.

B. Revise 'General Note' #1 as follows:
Minimum of 5% (minimum of one per room with operable windows) of all single-hung operable windows, in rooms where operable windows are provided, shall be equipped with adjustable spring balances to achieve a maximum operational opening force of 5 lbs (22.2 N) maximum ***and be located with the operable portion at 15" to 48" A.F.F***. ~~A minimum of 5% (minimum of one per room with operable windows) of in-swing zero site line hopper window units installed in window wall shall be operable with 5 lbs (22.2 N) maximum force.~~ Contractor shall provide adjustable balances and operators to conform to this requirement.

Change 51: Sheet A3.4, Building Elevations:

A. Revise note at area of breaching infill on detail 1 as follows:
Infill area of breaching with ***three wythes*** BR-1 masonry keyed into adjacent, typ.

Change 52: Sheet A 5.4, Stair Section:

A. Revise note on detail 3 as follows:
- Remove portion of CMU infill wall for temporary duct bank. ***Contractor to ensure an existing lintel is present prior to removal of CMU and shall notify architect if none exists prior to installation.***
- Remove portion of foundation wall for temporary duct bank. Waterproof exterior side around penetration. ***Install steel lintel over new opening as sized per structural engineer.***

B. Detail 1, add detail targets to new handrails and target to tactile warning at new landing. The new terrazzo treads are to be precast and shall replace the entire existing tread,
See ASK-022.

C. Provide spray fireproofing on new bar joists at new electrical room roof on detail 2.

Change 53: Sheet A6.1, Typical Details:

A. Add detail 5 for rated access panel detail,
See ASK-023.

Change 54: Sheet A6.4, Typical Details:

A. Add Roofing Repair at Joist Reinforcement Detail for related structural work as detail 9,
See ASK-024.

Change 55: Sheet A6.7, Acoustic Enclosure Details:

A. Revise details with additional structural member sizing,
See Sheet A6.7.

B. Door 0190 shall be a double door,
See ASK-013.

C. Delete detail 8.

Change 56: Sheet A7.1, Platform Lift Section:

A. Revise detail 11 and 12 to indicate the handrails are not stainless steel, the edges of the risers and treads shall align to avoid trip hazards, and the precast risers

shall be one-piece,
See ASK-025 & 034.

B. Add detail 13 for railing mounting,
See ASK-032.

Change 57: Sheets A8.3, A8.7, A8.8, Enlarged Plans, Elevations, & Details Multi-Purpose (and Temporary Classrooms):

A. Revise duct penetrations from four large penetrations to fourteen total smaller penetrations and remove the new horizontal ductwork associated in favor of multi-directional diffusers atop the existing furred out walls,
See Sheets A8.3, A8.7, ASK-026, ASK-027

Change 58: Sheets A8.7 and A8.8, Enlarged Plans, Elevations, & Details Temporary Classrooms:

A. Add General Note to detail 1 as follows:
All temporary walls, ceilings, finishes shall be completely removed by the contractor once all existing classrooms have been completely renovated. Contractor to patch and repair any existing and permanent finishes resulting from demo of temporary walls/ceilings including penetrations and scars to finished surfaces.

Change 59: Sheet A10.1, Interior Details:

A. Revise detail 3 so that the perimeter trim work around the face of the chalkboard is noted to be removed and salvaged for reinstallation,
See ASK-028.

Change 60: Sheet A12.1, Door Schedule and Details:

A. In Door Schedule, change door 0190 to a double door and STC rating shall change from 42 to 37,
See ASK-013.

B. In the Schedule Information and Notes, add note ***N23 = Double Hinge.***

C. Change the tag and title from "1/A12.2 Door Schedules" to "1/A12.1 Door Schedule"

D. In "Schedule Information and Notes," revise note #4 as follows:
At all masonry partitions ***and door frames set into metal panels***, solidly grout the entire void in the hollow metal frame.

E. Add door type A1 and D to the Door Types,
See ASK-033.

F. In Door Schedule, add door number 0022 at the basement tunnel,
See ASK-011.

G. In Door Schedule, add door number 0115A at the main office,
See ASK-013.

Change 61: Sheet A13.0, Finish Legend & Details:

A. Revise notes on detail 15 as follows:
- Existing conc. base ~~to be painted~~.
- ~~New stained oak~~ ***Existing*** wood moulding.
- Top of ~~refinished~~ hardwood floor.

B. Revise notes on detail 18 as follows:

- ~~Remove~~ existing base, ~~provide athletic base.~~
- Top of ~~refinished~~ ***existing*** hardwood floor.

C. Delete detail #16.
D. Revise detail #17,
See ASK-029.

Change 62: Sheet A13.1A, First Floor Finish Plan 'A':
A. Clarify area of slab to receive new terrazzo,
See ASK-030.

Change 63: Sheet A13.1B, First Floor Finish Plan 'B':
A. All new partitions in rooms 122, 124, 124A, 131, (including rooms 224 and 227 on sheet A13.2B) shall be painted PT-1 U.N.O.
B. Clarify area of slab to receive new terrazzo,
See ASK-031.

Change 64: Sheet SR1.0, Note Revisions:
A. Scope of Work Notes: Add new note 16 to scope of work as follows: "Infill existing diffuser holes in floor of auditorium."
B. General Notes: Add new line under item 2 of Design Loads. Under Live Loads section of Item 2, add "Tunnel Roof = 250 psf".
C. Epoxy Injection Notes: Edit last note 1 to read as follows: "This work includes epoxy injection in conjunction with the FRP repairs, at other locations shown on the plans, along with an additional ~~60~~ *100* linear feet of epoxy injection work at locations to be designated by the engineer during construction."
D. Sealant Notes: Change sealant type to BASF Sonneborn NP1 instead of NP2.
E. Foundation Notes:
    a. Item 1: Change note to read "Foundation design based on a net allowable soil bearing pressure of 4,000 psf for the elevator foundation and 2,000 psf for the wheelchair access lift *and electrical room footings*, as recommended in geotechnical report from ECS Midwest, LLC dated September 13, 2011."
    b. Item 2: Change note to read "Soil below concrete pads for the chiller pad and transformer shall be modified using geogrid as noted on the Civil drawings."
    c. Item 4.a.: Change note to read "Compact and proofroll subsoil~~. Remove any soft areas and replace with CA-7 *CA-6* in lifts not exceeding 8 in. thickness and compact~~ to ~~90~~ 95 percent of ASTM D1557 ~~or 75 percent relative density~~. **Report soft areas requiring removal to Commission prior to removal.**
    d. Item 6: Change last sentence of note to read "The required test type and frequency shall be as specified in the subsurface soil investigation report and by the ~~foundation notes~~ *soil testing laboratory*."
F. Wall Anchor Bracing System Notes:
    a. Item 1: Change note to read: "The contractor shall be responsible for the *design and construction* of the lateral bracing system to permanently support the basement walls noted on the drawings for the support of all dead loads, building code prescribed live loads, wind loads, seismic loads, lateral earth loads, and construction equipment loads during

construction."

b. Item 4: Add new sentence at end of note to read: "Calculations should include check of anticipated performance of existing wall."

G. Add new note section, "Polyurethane Grout Injection", will the following sub-items:
   a. Cracks and cold joints to be injected are located in the wall of the tunnels to the boiler house.
   b. Grout shall be Hydro Active Combi Grout, manufacturered by De Neef Construction Chemicals, Inc. or approved equal.
   c. Injection shall be performed in accordance with manufacturer's requirements.

Change 65: Sheet SR2.0: See revised version of this sheet with minor revisions noted by revision clouds.
See Drawings SR2.0.

Change 66: Sheet SR3.0

A. Detail 2: Change dimension shown for steel plate to be installed on top of roof to 14 in. instead of 12 in.
B. Details 3 and 5: Add new note that points to inside return corner of existing beam that reads as follows: "Install epoxy infill at inside corner, 1.5 in. x 1.5 in. min., typ."
C. Detail 6: Add second sentence to note pointing to nuts as follows: "Nuts shall be installed snug tight".
D. Detail 12: Change notes as follows:
   a. Top left note: Change last sentence to read "Refer to *JF1 repair type* in flexural repair schedule on Sheet ~~SR3.0~~ SR5.0. ~~for locations~~.
   b. Top right note: Add "(3 in. overall length)" note at end of first sentence. Edit 2nd to last sentence to read: "Spacing varies along length, see Detail ~~13/SR3.0~~ 13/SR3.0.
E. Detail 13: Add additional sentence to item 1 of notes below detail to read as follows: "Submit proposed layout to Engineer for approval prior to stenciling."

Change 67: Sheet SR4.0:

A. Detail 2: Add second sentence to note below detail to read as follows: "Submit proposed layout to engineer for approval prior to stenciling."
B. Detail 5 and 6: New beam section will include replacement of adjacent joist. **See SSK-001.**
C. Detail 11: Anchor bolt hole through vertical leg of angle shall be centered 2 in. below top edge of angle.

Change 68: Sheet SR5.0:

A. Flexural Repair Schedule: Note below table should be corrected to reference Details 12-15 on Sheet SR5.0, instead of Details 13-15 on Sheet SR5.0.
B. Detail 3: Overall beam dimension changed to 14'-0" V.I.F. instead of 13'-0" V.I.F.
C. Detail 4: Second note from top of detail - new dowels shall be No. 3 bars instead of No. 5 bars.

Change 69: Sheet SR6.0: See revised version of this sheet with minor revisions noted by revision

clouds.
See Drawing SR6.0.

Change 70: Sheet SR7.0: Add additional note pointing to east wall of boiler house: "Install two new steel lintels in masonry (above grade) above locations of foundation wall penetrations, see Detail 4/SR11.0. Approximate span lengths are 32 in. and 24 in. Contractor shall submit proposed layout and location of foundation wall penetrations for review and approval prior to making openings in foundation wall.

Change 71: Sheet SR11.0

A. Detail 4: Add second sentence to Note 1 below detail, "and above foundation wall penetrations in boiler house (2 locations)."
B. Detail 6: Add "Note: All steel to be shop primed."
C. Detail 8: Existing foundation wall thickness is 17 in., not 18 in. as previously shown. Infill concrete will extend full width of existing wall.
D. Detail 12: Add "Note: Contractor to submit proposed sump pump pit location and dimensions to engineer for review and approval.

Change 72: Sheet SR12.0: See revised version of this sheet with minor revisions noted by revision clouds,
See Drawing SR12.0

Change 73: Sheet M1.LA Mechanical Lower Level Ventilation Plan 'A'

A. Revised Ductwork
See attached Sketch MSK-001

Change 74: Sheet M1.1A Mechanical First Floor Ventilation Plan 'A'

A. Revise Auditorium Ductwork
See attached Sketch MSK-002

Change 75: Sheet M1.1B Mechanical First Floor Ventilation Plan 'B'

A. Remove keyed note #9 near Column Line A in Gym 128.

Change 76: Sheet M1.2 A Mechanical Second Floor Ventilation Plan 'A'

A. Revise note near Column Line 5 for EMF-2 "NEW 26 X 12 LOUVER"

Change 77: Sheet M1.2B Mechanical Second Floor Ventilation Plan 'B'

A. Revise note at Column Line 20/B4 to read "16 X 10 KITCHEN EXHAUST UP AND DN."

Change 78: Sheet M2.LA Mechanical Lower Level Piping Plan 'A'

A. Add (2) 1" Isolation Valves on HW pipes serving pipe in unfinished piping space 000.

Change 79: Sheet M2.LB Mechanical Lower Level Piping Plan 'B'

A. Add (2) 1" Isolation Valves in Air Tunnel on DTW Pipe (supply and return)
B. Add (2) 3/4" Isolation Valves in Air Tunnel on DTW Pipe (supply and return)

Change 80: Sheet M3.1 Mechanical Section

A. Detail 1: Provide stainless steel jacket over return air duct/insulation in shaft.

Change 81: Sheet M3.2 Mechanical Section

A. Details 1, 2, & 3: Provide sheet metal blankoffs around all coils/dampers/wall openings to eliminate uncontrolled coil bypass.

Change 82: Sheet M4.1 Mechanical Gas, Steam and DTW Flow Diagram

A. 2-Position Changeover Valve: Provide ¼" bleed lines with needle valves (normally open) across each changeover valve (2 changeover valves). The first bleed line shall connect the CHWS to the DTS, the second shall connect the HWS to the DTS, the third shall connect the CHWR to the DTR and the fourth shall connect the HWR to the DTR.

Change 83: Sheet M5.1 Mechanical Details

A. Detail 1, Revise control valve flow table as follows:
   - AHU-1: CHW = 44 GPM; HW = 13 GPM;
   - AHU-2: CHW = 84.2 GPM; HW = 6.4 GPM;
   - AHU-3: CHW = 84.2 GPM; HW = 6.4 GPM;
   - AHU-4: CHW = 33 GPM; HW = 10 GPM.

B. Detail 3: Delete supply and return temperature sensors on pump risers. Provide supply riser thermometer. Delete Note #1.

Change 84: Sheet M6.3 Temperature Controls – Hot Water Plant

A. On both boilers, change the AO point "Burner/Setpoint" point to read "Burner Firing Rate". Adjust points list accordingly.
B. On both boiler isolation valves, delete the (3) DDC points: "B-x Isolation Valve (AO)", "End Switch Closed (DI)"; and "End Switch Open (DI)". Adjust points list accordingly.
C. On both boiler isolation valves, add (1) DDC point: "Valve Position Feedback (AI)". Adjust points list accordingly.
D. On both boilers, add a hardwired connection between the control panel on each boiler (output from boiler) to its respective isolation valve (input control signal to valve). Indicate NOTE 2 on these new hardwire connections.
E. On both boilers, include a time delay relay (TDR) in the hardwired connections above. Indicate NOTE 3 on the TDRs.
F. On both boilers, add another hardwired connection between the control panel on each boiler (input to boiler) from its respective isolation valve (feedback signal from valve). Indicate NOTE 4 on these new hardwire connections.
G. Add NOTE 2 to the drawing notes as follows: "Output from boilers shall directly control the opening and closing of their respective hot water isolation valves. If a boiler is enabled, either through REMOTE control (BAS) or LOCAL control, its isolation valve shall be commanded open."
H. Add NOTE 3 to the drawing notes as follows: "Provide a time delay relay (TDR) with adjustable time delay. When the boiler is ENABLED the internal boiler controls shall command the isolation valve open and the valve shall open immediately. When the boiler is no longer enabled (when the boiler is disabled) the valve shall remain open for a time period between 5 minutes and 30 minutes, as set on the TDR. After the TDR time delay, the valve shall close.

I. Add NOTE 4 to the drawing notes as follows: "Provide isolation valve with END SWITCH OPEN status contact. Wire valve end switch contact to boiler safety circuit such that the boiler is not allowed to fire unless the END SWITCH OPEN status is confirmed.

Change 85: Sheet M6.4 M Temperature Controls – DTW Bridge

A. On both DTW Pumps, delete the DDC points "kW Usage (AI)". Adjust points list accordingly.
B. On the pipe shown leaving the chiller, add a DDC point: "CHW Common Supply Temp (AI)"
C. On the pipe shown entering the chiller, add a DDC point: "CHW Common Return Temp (AI)"
D. On drawing note 3, change "15127" to "15951"
E. On points list, delete the point named "Htg Only Isol Vlv End Sw Open"
F. On points list, delete the point named "Htg Only Isol Vlv End Sw Closed"

Change 86: Sheet M6.5 Temperature Controls – AHU-2, AHU-3

A. On points list, delete the point named "Dual Temp Main Control Valve (AO)"
B. On points list, add a point named "DTW Heating Valve (AO)"
C. On points list, add a point named "DTW Cooling Valve (AO)"
D. On points list, delete the point named "Coil-x Isolation Valve (DO)"
E. On points list, for point "DT Coil-x Temp", delete the remark "Typical per Coil"
F. On points list, for point "DT Coil-x Freezestat", delete the remark "Provide for each Coil"
G. On points list, delete the point named "Condensate Pan High Water"
H. On points list, add a point named "Bypass Damper Modulate (AO)"

Change 87: Sheet M6.6 Temperature controls – AHU-1

A. On the SF-VFD and RF-VFD, delete the DDC points "kW Usage (AI)". Adjust points list accordingly.
B. Provide separate DDC points for EA damper and RA damper. Adjust points list accordingly.
C. Change the Min OA Damper from DO to AO. Adjust points list accordingly.
D. On points list, delete the point named "DT Coil Control Valve (AO)"
E. On points list, add a point named "DTW Heating Valve (AO)"
F. On points list, add a point named "DTW Cooling Valve (AO)"
G. On points list, delete the point named "Space Relative Humidity (AI)"
H. On points list, delete the point named "Space Static Pressure (AI)"
I. On points list, add a point named "Space CO2 (AI)"
J. On points list, add a point named "Bypass Damper Modulate (AO)"
K. On points list, for point named "Supply Air Temp", remove the remark "averaging"
L. On the schematic flow diagram, by the smoke detectors, add the words "NOTE 5"

Change 88: Sheet M6.7 Temperature Controls – AHU-4

A. On the SF-VFD and RF-VFD, delete the DDC points "kW Usage (AI)". Adjust points list accordingly.
B. On the schematic flow diagram, by the smoke detectors, add the words "NOTE

4"

C. On the schematic flow diagram, by the space temperature sensors, change the words "NOTE 3" to read "NOTES 2 and 3"
D. On the schematic flow diagram, by the CO2 sensors, change the words "NOTE 3" to read "NOTES 2 and 3"
E. On points list, for point named "Supply Air Temp", remove the remark "averaging"
F. On the schematic flow diagram, in the RA ductwork (between the RF and the mixed air chamber) add new point named "RA Duct DP (AI)" with high port referencing the RA duct and the low port referencing ambient. Adjust points list accordingly.
G. On points list, delete the point named "DT Coil Control Valve (AO)"
H. On points list, add a point named "DTW Heating Valve (AO)"
I. On points list, add a point named "DTW Cooling Valve (AO)"
J. On points list, delete the point named "RA Damper (DO)"
K. On points list, add a point named "Bypass Damper Modulate (AO)"
L. On points list, add a point named "Space CO2 (AI)"

Change 89: Sheet M6.8 Temperature Controls – Miscellaneous

A. On the Fan Control Schedule, change KEF-1 control to read "Wall Switch"
B. On the controls detail titled "Switch Controlled (BAS) Exhaust Fan" add DDC point named "KEF-Start/Stop (DO)"
C. On the controls detail titled "IDF and MDF Room Monitoring (Room 133, AX26)", remove the word "MDF" from the point names.
D. On the controls detail titled "Fan Coil Units", remove the finned tube radiator and associated valve. Adjust points list accordingly.
E. Add a new controls detail showing finned tube radiator with a HW valve with DDC controlled AO point. This detail shall include a DDC space temperature point (AI). Add note to this detail that reads: "For areas with finned tube radiators that have a space temperature sensor associated with a reheat zone, use this space temperature sensor for control. For areas with finned tube radiators that do not have a space temperature sensor, provide a DDC space temperature sensor for control."

Change 90: Sheet M7.1 Ventilation and Mechanical Schedules

A. Fan Schedule: Add note 15 to RF-2 & 3.
B. Fan Schedule: Add note 2 to TE-1 & 2.
C. Existing AHU Schedule, revise Note #6 to read: "COORDINATE ALL PLENUM SEALING AND PAINTING WITH ARCHITECTURAL"

Change 91: Sheet M7.2 Mechanical Schedules

A. Chiller Schedule: Delete "NOMINAL TONS" column.
B. Chiller Schedule: Change note 3 to read "3. MINIMUM FLOW 100 GPM."

Change 92: Sheet M8.2 Mechanical Boiler Room Enlarged Plan

A. Add note "DO NOT LOCATE PIPES ABOVE ELECTRICAL ROOM"

Change 93: Sheet M8.3A Mechanical Lower Level AHU-1 & AHU-2 Enlarged Plan

A. Add keyed note 3 "PROVIDE SHEET METAL EXTENSION PLATES TO

REDUCE/MINIMIZE GAP BETWEEN FAN BLADES AND HOUSING AT INLET AND OUTLET" for AHU-1 and AHU-2.
See attached MSK-003 and MSK-004: Revised Pipe Sizes

Change 94: Sheet M8.3B Mechanical Lower Level AHU-3 & AHU-4 Enlarged Plan

A. Add keyed note 3 "PROVIDE SHEET METAL EXTENSION PLATES TO REDUCE/MINIMIZE GAP BETWEEN FAN BLADES AND HOUSING AT INLET AND OUTLET" for AHU-3 and AHU-4.
See MSK-005: Revised Pipe Sizes

Change 95: Sheet E2.1A, First Floor Power and Systems Plan "A":

A. Keyed Note 14 added to sheet E2.1A.
B. Add junction box and pushbutton in room 103 by room 104 door to connect to wheelchair lift.
See ESK-001.

Change 96: Sheet E2.1A, First Floor Power and Systems Plan "A":

A. Keyed Note 14 added to sheet E2.1A.
B. Add junction box and pushbutton in room 103 by room 104 door to connect to wheelchair lift.
See ESK-001.

Change 97: Sheet E7.1, Partial Enlarged Plans:

A. Replace Detail 1 Electrical Room 019 Layout with sketch.
See ESK-002.

Change 98: Sheet E7.1, Partial Enlarged Plans:

A. Replace Detail 2 with Sketch.
See ESK-003.

Change 99: Sheet E7.1, Partial Enlarged Plans:

A. Replace Detail 3 with sketch.
See ESK-004.

Change 100: Sheet E7.1, Partial Enlarged Plans:

A. Add Keynote 14 for "Keyed Notes For Detail 2".
B. Revise keynote 8 and 12 for "Keyed Notes For Details 1 And 3".
C. Add keynote 18 and 19 for "Keyed Notes For Detail 1 And 3".
D. Add "General Notes For Details 1, 2 And 3."
See ESK-005.

Change 101: Sheet E1.LB, Lower Level Plan "B"

A. Revise plane note shown between col. lines 17 and 18 to read as follows: "~~Provide allowance to~~ Relocate electrical raceway and equipment to accommodate new ductwork in the area, coordinate with mechanical."

Change 102: Sheet E1.1B, First Floor Lighting Plan 'B'

A. Fixture type 'F7' indicated in Teachers Toilet Room 121A shall be changed to fixture type 'F2'.

Change 103: Sheet E2.1B, Lower Level Power & Systems Plan 'B'

A. Remove VFD serving Return Fan 'RF-4' on column lines 15/H in Engineer Room 017.

Change 104: Sheet E2.1A, First Floor Power & Systems Plan 'A'

A. Remove smoke detector and keyed note #10 from Stair 003.

Change 105: Sheet P1.UA, Plumbing Underground Plan "A":

A. Add pipe sizes to underground piping,
See PSK-01.

B. Revise Note 1: to read as follows: "Note: 1. Portions of existing underground clay storm piping system, ranging in sizes 8" or less are cracked or completely broken. Televise all roof drain downspouts back to furthest main possible. Identify location of broken or cracked piping and provide for 50FT of 8" underground piping with ductile iron pipe/fittings and non-shear couplings in base scope of work. Include patching of concrete slabs as necessary. Submit televising report to owner/engineer. Coordinate with civil drawings for televising/repair of exterior piping."

Change 106: Sheet C4.0, Revise General Note 2 as follows: "Provide for removal and replacement of a total of 60ft of exterior VCP sewer with ductile iron sewer. Assume all sewer pipes are 8" diameter of smaller."

Change 107: Sheet ED1.LA, Revise Demolition General Note 14 as follows: "Provide for replacement of 10 existing receptacles and covers found broken and or non-operational with new ones."

Change 108: Sheet ED1.LA, Revise Demolition General Note 13 as follows: "Provide for replacement of 8 ea. existing receptacles within 5' of sinks with new GFI receptacles."

Change 109: Sheet ASB-2, Basement Air Tunnel Abatement Gross Removal:

A. Delete all asbestos removal work in unfinished pipe spaces and plenum chamber.

Change 110: Sheet ASB-3, Basement Misc. Areas Mini Containments:

A. Add area of abatement in Fan Room 018 and Fan Room 016,
See ASK-035.

QUESTIONS & ANSWERS:

Q1. Book 2, section 21.03 part b reads, "The Contractor agrees to ensure that the aggregated hours of Work to be performed by the Contractor and Site Work subcontractors and steel fabrication subcontractors under this Contract will be performed such that at least 50% of the on-Site and steel fabrication Work is performed by actual residents of the City of Chicago and 7.5% of the on-site work is performed by Community Residents."

Based on Book 2, is 50% of the steel fabrication to be performed by City of Chicago Residents?

A1. See above Change #2.

Q2. General Note #10 on sheet SR1.0 reads, "Contractor shall determine the need for, and perform, all disconnection and / or temporary or permanent rerouting of existing utilities, in consultation with the owner, to facilitate the repair installation." Since the contractor has no way of knowing what utilities might be in conflict with the repair work prior to bidding, will that contractor be given a change order to relocate any such utilities in conflict?

A2. See attached Sheets D2.0A, D2.0B, D2.1A, D2.1B, D2.2A, D2.2B for known interferences.

Q3. I cannot find Drawing ASB.7 in the files that was given to us. It is listed on the drawings as a page. Can you please have this sent to us?

A3. Drawing ASB.7 does not exist. The drawing index on sheet G1.1 accounts for ASB.7 as "Not Used." However, the specification book (incorrectly) lists ASB.7 as a drawing in the set.

Q4.

1) How high is the chain link fence? Drawing and detail on sheet L1.01 shows 6' high, Sheet C2.0 shows 8' high
2) What fence is at the utility (electrical) enclosure? A note on Detail 2-sheet L1.01 says ornamental fence at utility enclosure sheet C2.0 states chain link fence at the electrical enclosure.
3) Are the windows and doors in the boiler house to be replaced? There is no mention of it on the plans

A4.

1) The chainlink fencing around the trash enclosure shall be 6' high.
2) The fencing around the electrical transformer shall be 6' high chainlink fencing.
3) The windows and doors to the boiler house are not to be replaced.

Q5.

1) Sheet A6.7 details the acoustical chiller enclosure. Please clarify thickness and size of all sound wall support steel detailed on this sheet.
2) General Renovation Note #8 on sheet A1.0 says to replace all stair handrails to meet accessibility codes, typical.
   - Section 1 on sheet A5.4 indicates new double height stainless steel handrails for stair 001 (and stair 002 opposite) at the first floor. What is the extent of handrail replacement at stair 001 and 002? Are we to replace all wall mounted and guardrail mounted handrails from the basement up to the second floor?
   - Section 1 on sheet A5.3 cuts through stair 003 (and stair 004 opposite). Is handrail replacement required at stairs 003 & 004? Are we to replace all wall mounted and guardrail mounted handrails from the first floor up to the second floor?
   - Is any handrail replacement required at stair 005? If so, please clarify the extent.

- Is any handrail replacement required in the Multi-Purpose Room / Stage / Balcony? If so, please clarify the extent.
- Please confirm that all exterior rails are existing to remain.

3) Architectural keynote 36 reads, "Provide new 1" insulated exterior glass window assemblies with panning system in place of removed windows. Include window guards and anchorage at first floor windows. Work performed under prior separate contract, N.I.C." Is window replacement to be included in our scope of work, or was this work completed under a prior contract as indicated in this note?
4) Detail 3 on sheet A8.4 has a note that reads, "New exterior doors and windows – with window guards JOC 3 scope." Please confirm that this work is to be included in our scope, and not previously completed.
5) Keynote 52 on sheet A3.1 calls for galvanized steel lintel replacement. Are these lintels going to be installed loose, or are they bolted in place? What size lintel should we assume to be replacing?
6) Bid documents contain specification section 05810, Expansion Joint Assemblies. Aluminum expansion joint covers could not be located on the drawings. Please clarify if aluminum expansion joint covers are required on this project.

A5. **1) See attached Sheet A6.7.**

2) Delete and disregard General Renovation Note #8 on sheets A1.0, A1.1, A1.2.

- **All new handrails shall be steel, not stainless steel. The handrail replacement scope is limited to Stairs 001 and 002 only from the entry level (0'-0") to the First Floor (+3'-0") where the stairs are scheduled to be replaced.**
- **There is no handrail replacement scope at stairs 003 and 004.**
- **There is no handrail replacement scope at stair 005.**
- **There is no handrail replacement scope at the Multi-Purpose Room/Stage/Balcony. However, there is a new guardrail detailed at the Stage Lift area as shown on 1/A8.3 and 2/A7.1.**
- **All exterior handrails are existing to remain.**

3) Window replacement is to be included in the scope of work. Keynote #36 on the plans shall be revised to delete, "Work performed under prior separate contract, N.I.C."

4) Window replacement with new guards is to be included in the scope of work. The note on drawing 3/A8.4 shall be revised to delete "JOC 3 Scope."

5) Replacement lintels will be installed to match configuration of existing lintels as shown in Detail 2 on Sheet A6.5. Bidders should assume the following for bidding purposes:

- **Shelf Angle: L5x5x3/8**
- **Hangar: Bar 3/8"x3"x1'-0" fully welded to lintel at 2'-0" on center.**
- **Anchor: ½" diameter adhesive anchor with 4" embedment at each hangar**

6) Aluminum expansion joint covers are indicated on drawings 3/A6.10 and 4/A6.10.

Q6. Chimney stack has not been tested for Asbestos. Please clarify how we are to bid the chimney removal. Should we assume asbestos containing or non-asbestos containing? Reference General Notes 11 & 13 on ASB-1 thru ASB-8.

A6. Tests on the chimney stack have come back negative for ACM. Contractor shall assume non-asbestos containing.

Q7. Are the windows and doors in the boiler house to be replaced? There is no mention of it on the plans

A7. The windows and doors to the boiler house are not to be replaced.

Q8. On sheets A8.7 & A8.8, it appears that a "Unistrut Grid" is required in the Temporary Swing Classroom. How is the Unistrut suspended/attached to the deck structure and what weight/load should the Unistrut be designed to support?

A8. Contractor to span between balcony front and temporary wall at Temporary Classroom A. Contractor to suspend unistrut from ceiling at Temporary Classroom B.

Q9. Per our conversation, the Unistrut specified on detail 2 and 3/A8.8 structurally cannot span 32' and support approximately 3# per square foot. This situation applies to room B. As for room A, we can provide the Unistrut to span 16' and support 3# per square foot. Both rooms will need to install vertical hangers from the structural ceiling to make it work. Please ask the architect to provide new design and/or details.

A9. Contractor to span between balcony front and temporary wall at Temporary Classroom A. Contractor to suspend unistrut from ceiling at Temporary Classroom B.

Q10. Auditorium seating is shown to be removed on drawing D1.1A. No new seating is shown to installed. Please confirm new auditorium seating is NOT part of this contract.

A10. New auditorium seating is not part of this contract.

Q11.

1.) General Note 2 on drawing A1.0 and numerous other notes throughout the drawings say to skim coat and paint 100% of facility interiors. Please confirm that the skim coat is to be 100% of the wall/ceiling corner to corner, floor to ceiling, etc. Also due to the cost difference from one extreme to the other please define "skim coat". Is it a true skim coat that is troweled on and troweled right off? Or are we building up the wall with plaster? Please provide a thickness that is required of the skim coat.
2.) General Note 3 on drawing A1.0 says to coat concrete floor. Which floors are we to provide this on? What is the material, and can you provide a specification?
3.) Keynote 3 on drawings A1.0 – A1.2B says to reinstall salvaged trim over perimeter of marker board overlay and references detail 3/A10.1, but detail 3/A10.1 says to provide wood trim around entire perimeter to conceal edges, typ. Which are we to do remove, salvage and reinstall or provide new? Please clarify.
4.) Drawings A2.0A – A2.2B shows 4'x4' acoustical ceiling tile in the legend, but not on the reflected ceiling plans. Are we to provide 4'x4' acoustical ceiling tile anywhere?
5.) Detail 3/A5.1 has a note that says existing wood gym floor, no work. Detail 18/A13.0 says to refinish hardwood floor at gym and to provide athletic base. Detail 15/A13.0 also references refinish the wood floor in a classroom and to

provide new stained wood molding. Are we to refinish the wood floor in the gym and the referenced classroom? Are there any other wood floor locations that are to be refinished? Can you please provide a specification for the wood floor refinishing?

6.) Detail 11 & 12/A7.1 appears to show terrazzo treads and risers, but detail 1/A5.4 shows treads only. Which is correct?

A11.

1) **Skim coat shall be troweled on and troweled off to fill imperfections in wall for a consistent smooth surface.**
2) **Note regarding coating floor shall be deleted.**
3) **See ASK-028 attached. Trim shall be removed/salvaged/reinstalled. Note on detail 3/A10.1 shall be modified as follows:**
   Provide new porcelain steel markerboard skin over existing chalk boards, per spec section 10105. Mount per Manufacturer's recommendations. ~~Provide~~ *Reinstall salvaged* wood trim around entire perimeter to conceal edges, typ. Provide tack rail along top edge at locations of marker board wall coverings, typ. *G.C. to replace trim to match where damaged during removal.*
4) **4x4 acoustical ceiling tile is not on the project.**
5) **Wood floors are not to be refinished. Delete notes from details.**
6) **Terrazzo treads and risers are to be precast together. See ASK-022.**

Q12.

1) Drawing C4.0, General Note 2, indicates to include an "allowance" for removal/replacement of 60LF of sewer pipe. Is this to be included by contractor or paid for per Commission's Contingency Fund on page 14 of Book 1 Bid Form?
2) Drawing D1.3A & B, Roof Demo Note 18 indicates to "Allow for 500SF" of roofing to remove/replace. Is this to be included by contractor or paid for per Commission's Contingency Fund on page 14 of Book 1 Bid Form?
3) Please provide scope/description of work to delineate "MISC. INTERIOR RENOVATIONS PART 1" in Phase IV on drawing G3.1 from "MISC. INTERIOR RENOVATIONS PART 2" in Phases VII and VIII on drawing G3.2.
4) Please confirm the following items are or are not to be included in the scope of work for Temporary Classrooms in Multi-Purpose Rm 103 per drawing A8.7:
   a) Installation, removal, and disposal of all partitions, doors, ceilings, lights, supplement framing, visual display boards;
   b) Furnishing, removing, and disposing of student decks, teacher desk, teacher chairs;
   c) Furnishing, set-up, removal of computers, electronics, a/v equipment (teaching tools);
   d) Relocation of any teaching materials, furniture, or other from permanent classrooms to temporary classrooms and then back to permanent classrooms.
5) Please confirm all four sets of gang toilets, single toilets and warming kitchen with all supporting MEP work, fixtures, and equipment, must be totally removed and renovated only within time frame of Phase IV.
6) There is no size specified for the settling basin - please advise.
7) There are new FD's shown in the 2nd floor bathrooms, but no sanitary waste or vent piping is shown to be installed for them, please advise.
8) There are several existing mop basins adjacent to the bathrooms that are shown to get new waters connected to them. What about the sanitary waste and vent

piping? Nothing new is shown - please clarify.

9) There are several sinks that get new waters connected to them. What about the sanitary waste and vent piping? Nothing new is shown, please clarify.
10) Do the existing VTR's on the Boiler Roof get extended?
11) The specified L-1 3-station lavatory sink comes with battery operated faucets. The notes on the plumbing schedule call for hard-wired faucets. Please advise.
12) General Note 11 on dwg ASB-4 indicates the chimney stack is to be tested and analyzed prior to commencing demo operations. Who is responsible for this testing, analysis, and possible abatement work?

A12.

1) See change 106. Any and all statements in the contract documents indicating "allowance" or "unit price" for labor and/or material shall be in "Work" bid and not expected to be paid from Commission's Contingency.
2) See Change 28 and 29. Any and all statements in the contract documents indicating "allowance" or "unit price" for labor and/or material shall be in "Work" bid and not expected to be paid from Commission's Contingency.
3) a) Installation, removal, and disposal of all temporary partitions, doors, ceilings, lights, supplemental framing, visual display boards is to be included in the scope of work.
b) Removing and disposing of temporary student desks, teacher desk, teacher chairs, computer desks is to be included in the scope of work.
4) All toilet rooms and warming kitchen in the scope of work must be totally renovated within the time frame of Phase IV.
5) The settling basin will be 18" in diameter with a minimum of 12" of sump below the incoming drain tile piping invert.
6) This piping is shown on the riser diagrams on sheet P2.2.
7) The existing mop sinks shall connect to the new sanitary and vent stacks in the chase. The existing mop sink traps and local horizontal sanitary piping through the chase wall can remain as necessary to install new piping.
8) Excluding the mop sinks discussed above, all other sinks shown to remain shall not have new sanitary or vent connections. The piping is existing to remain.
9) Yes. There is one VTR on the Boiler Roof.
10) The specified 3-station lavatory sink has a transformer option to convert from battery powered. It is designated by model number suffix PT. Please provide with transformer option.
11) See Answer #6.

Q13.

1) Are we to provide obscure pattern #62 glass at the 4 curved transoms and 3 Auditorium windows or Viracon V903 ceramic frit listed in the glazing legend?
2) The window elevation for the typical classroom windows (6/A3.5) calls for the applied muntins to be equally spaced both vertically and horizontally, but the sash height listed for each sash is different. Are we to provide roughly equal height sash to allow for all muntin lites to be equal?
3) Are new windows to be provided in the boiler room?

A13.

1) The Viracon V903 shall be provided at the windows in question.
2) All muntins shall be equally spaced both horizontally and vertically between the sashes and jambs for each individual lite of glass as shown on the drawings.
3) The windows and doors to the boiler house are not to be replaced.

Q14.

1) On drawing E1.1A, in the south stairwell of the multi-purpose room a fixture type F-9 is indicated. The fixture schedule indicates this fixture to be 4' long. This fixture does not reflect that. Is this in fact an F-9 fixture? This also occurs in the north stairwell off the gym.
2) On drawing E1.1B, in the teachers toilet room in the teachers lounge, an F-7 fixture is indicated here. Is this correct?
3) On drawing E2-lB, a VFD is shown in 2 locations for RF-4. One is shown at col line 15/H and the other shown is at col 18/E. Which is correct? Please clarify the location RF-4.
4) In general, is the new horizontal wiremold 4000 in the classrooms to extend vertically to the ceiling space with wiremold 4000 or surface conduit?
5) On the first floor in the stairways, a smoke detector is shown that indicates "top of the stairs". This is also shown on the second floor drawing. Is this a duplicate or is a smoke detector to be installed at each level?
6) Are the heat detectors in the attic shown existing or are they new?
7) On drawing E4.1, key note #5. Is it acceptable to cut and cap conduits flush with walls and floors rather than removing them entirely?
8) On the mechanical equipment schedules on the electrical drawings, we are not clear on the disconnect schedule. As the schedule lists disconnects, it appears by the drawing that many of these disconnects are built into the controller or VFD, especially where the motor is within sight of the controller or VFD. Can we get clarification as to which units will be required to have remote disconnects? Also, it indicates that certain switches are to have aux contacts in them for interlocking with the VFD, but we are not clear who does the interlock wiring. Refer to key notes 2, 3 and 4 on the equipment schedule.

A14.

1) Fixture type F9 is a 4ft wall mounted fixture. Graphically it has been revised to show a 4ft fixture and was included in the 100% CD Drawings. No revisions for Addendum #1 are required.
2) Fixture type shall be changed to type 'F2'.
3) The VFD for RF-4 shall be located at columns 18/E. The VFD indicated on columns 15/H shall be removed.
4) Use wiremold.
5) The smoke detector indicated by keyed note #10 in Stair 003 shall be removed. The smoke detectors indicated in areas of Stair 001 and 002 shall remain. These smoke detectors shall be placed at the top of the basement stairs on which they are indicated.
6) New.
7) Yes, conduits shall be cut and capped flush with walls and ceilings only where conduit is inaccessible for removal by the contractor.
8) Where disconnects and safety switches are indicated on the electrical motor/equipment schedule by 'NFDS' or 'TES', the division 16 contractor shall provide the disconnect switch for the equipment. Where disconnects, safety switches, controllers, and VFD's are indicated with 'FWE', these pieces of equipment shall be furnished by division 15 contractor and/or equipment manufactures. All interlock wiring is performed division 16 contractor.

Q15. Drawing D3.4 "Scope of Work Notes" #4 refers to a Bednash Chimney inspection report

dated 11-16-08 which contains the chimney conditions. Do you have access to this report?

A15. **See attached Bednash Report, (35 pages).**

Q16. Existing metal lockers require the door latching to be converted in addition to adjusting hooks/shelves. Just by stating that "door latches are to be converted to ADA requirements" is all that is needed. Attached for your review are the cut sheets for this. **(See attachment from Carroll Seating)**

A16. **G.C. shall verify that the existing latches at the locations denoted for ADA lockers shall have a maximum 5-lbs operating force for the latching mechanism and shall make adjustments/replacement as necessary to the mechanism to comply.**

Q17. Asbestos Abatement drawings indicate that before we demo the existing stack, we are to cut an access hatch for environmental assessment.
Correct to assume that any environmental abatement required as a result of this assessment will be paid as a change in scope to the contract?

A17. **See Answer 6.**

Q18. Several demo notes indicate a quantity of limestone, brick, terra cotta … to be removed/replaced after working with the Engineer to identify the bad ones.
Is the quantity they indicate (example, 400 sf) for the entire project or at each location the demo note appears?

A18. **The quantities are for the entire project.**

Q19. The Masonry Restoration specs only call for (5) Restoration Subcontractors to bid on the project. Can we have other masonry restoration specialists bid on the project too? These other masonry restoration subcontractors are more than qualified and have performed work on many CPS schools in the past.

A19. **See Change #14**

Q20. Note on P1.UA says to provide allowance to replace 50' of broken/cracked piping …
Note on E1.LB says to provide allowance to relocate electrical raceway and equipment …
Where on the bid form do we indicate what amount we have included for these allowances?

A20. **1) See Change 101 and 105 for revision. Any and all statements in the contract documents indicating "allowance" or "unit price" for labor and/or material shall be in "Work" bid and not expected to be paid from Commission's Contingency.**

Q21. 1) Please clarify whether the replacement Terra Cotta totals 85 pieces OR if the total replacement units are 85 pieces X the number of Keynote #1's.
2) How many Terra Cotta models (types) should be figured into the quote?

A21. **1) The total for new terra cotta is 85 units, not 85 x number of keynote #1.**
2) The Commissioner's Engineer will determine the exact quantity of models in the

field during their up-close assessment. At this time, we estimate approximately 40 models.

Q22. 1) Are bottom closures needed? These are not listed in specs, however from the TYP Details drawing (A6.6) and detail A6.1/10 it looks as if bottom closures are needed.
2) Are end-caps needed I don't know how deep the jambs are to house the surface mounted pockets and if end-caps are needed?
I am quoting these windows to have an individual shades for each window in the elevations per the window elevations drawing (A3.5)

A22. **1) Bottom closure for the window shades should be provided.**
2) End caps should be provided for the window shades.

Q23. 1) Note 19 on roof plan A1.3A states to "cap opening of removed ventilator, see detail 9/A6.2". Detail 9 on A6.2 does not shop a cap detail, just a typical roof replacement detail. Please advise at the areas with note 19 on the roof if a cap is to be provided at the mechanical curb or if the curb is to be removed and the deck and roofing are to be patched.
2) Per the door schedule on sheet A12.1 Door 0019B is called out to receive hardware set #60. There is no hardware set #60 listed in the specs, please provide.
3) At new exterior door frames with transom, Head detail H4 on A12.2 calls out and shows "Interior aluminum trim to completely surround opening". Trim is also shown at the exterior in the same detail. However, Jamb detail J6 does not show the trim at either side of the jamb. Is the interior and exterior of the new exterior door frames to receive the aluminum trim at the interior and exterior as shown on Head detail H4?

A23. **1) The curb is to be removed and the deck and roofing are to be patched.**
2) See change #19
3) Yes.

Q24 1) Demolition General Notes 13 & 14 on Sheet EDI.LA say to provide allowances for work as stated. Where on the bid form do we indicate what amount we have included for these allowances? Since the drawings do not quantify the number of receptacle and/or covers that are to be replaced, what is the basis of the allowances we are to provide?

A24 **1) See Change 107 and 108.**

ATTACHMENTS:

Book 1 Proposed Alternate Masonry Restoration Subcontractor form (1 page)

Book 3, V1 14241 Hydraulic Passenger Elevators, 15 pages (8-1/2"x11" format), dated 11.22.11
Book 3, V2 15958 Sequence of Operations, 29 pages (8-1/2"x11" format), dated 11.22.11

Attachment Bednash Chimney Report (35 pages)

Attachment RFI-019 attachment from Carroll Seating (2 pages)

Drawings ASK-010, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-011, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-012, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-013, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-014, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-015, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-016, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-017, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-018, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-019, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-020, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-021, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-022, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-023, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-024, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-025, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-026, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-027, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-028, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-029, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-030, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-031, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-032, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-033, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-034, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ASK-035, 1-page (8-1/2”x11” format), dated 11.22.11

Drawings SSK-001, 1-page (8-1/2”X11” format), dated 11.22.11

Drawings MSK-001, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings MSK-002, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings MSK-003, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings MSK-004, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings MSK-005, 1-page (8-1/2”x11” format), dated 11.22.11

Drawings ESK-001, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ESK-002, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ESK-003, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ESK-004, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings ESK-005, 1-page (8-1/2”x11” format), dated 11.22.11
Drawings PSK-01, 1-page (8-1/2”x11” format), dated 11.22.11

Drawings D1.3A, 1-page (30”x42” format), dated 11.22.11
Drawings D1.3B, 1-page (30”x42” format), dated 11.22.11
Drawings D2.0A, 1-page (30”x42” format), dated 11.22.11
Drawings D2.0B, 1-page (30”x42” format), dated 11.22.11

Drawings	D2.1A, 1-page (30”x42” format), dated 11.22.11
Drawings	D2.1B, 1-page (30”x42” format), dated 11.22.11
Drawings	D2.2A, 1-page (30”x42” format), dated 11.22.11
Drawings	D2.2B, 1-page (30”x42” format), dated 11.22.11
Drawings	A6.7, 1-page (30”x42” format), dated 11.22.11
Drawings	A8.3, 1-page (30”x42” format), dated 11.22.11
Drawings	A8.7, 1-page (30”x42” format), dated 11.22.11
Drawings	SR2.0, 1-page (30”x42” format), dated 11.22.11
Drawings	SR6.0, 1-page (30”x42” format), dated 11.22.11
Drawings	SR12.0, 1-page (30”x42” format), dated 11.22.11

END OF ADDENDUM NO.1