PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO. 1 TO CONTRACT NO. 1519
FOR
MT. GREENWOOD ELEMENTARY SCHOOL ANNEX
NEW CONSTRUCTION
PROJECT NO. 08510

DATE: December 1, 2010

NOTICE OF CHANGES IN CONTRACT DOCUMENTS
The following changes are hereby made in the Contract Documents.

CHANGES TO BOOK 1-PROJECT INFORMATION, INSTRUCTIONS TO BIDDERS, AND EXECUTION DOCUMENTS

Change 1: **Section IV. Proposal and Execution Documents delete pages 15 -16 Site Work Allowance table and replace with revised Site Work Allowance, dated December 1, 2010.**

Change 1.1: **Change the Project address to read as: 10841 S. Homan Avenue**

CHANGES TO BOOK 3 - TECHNICAL SPECIFICATIONS:

Change 2: Table of Contents:

A. Under Div 13 – Special Construction, add: "13610 Heating, Flat-Plate, Solar Collectors, 5 pages".
B. Under Div 15 – Mechanical, add: "15486.1 Solar Water Heating Equipment, 17 pages".
C. Under Appendix A – 100% Site Preparation Package (For Reference Only), add: "Addendum No.1 to JOC Task Order 05810-C1505D-001-000 for Mt. Greenwood Site Preparation, 65 pages".
D. Under Appendix A – 100% Site Preparation Package (For Reference Only), add: "Addendum No.2 to JOC Task Order 05810-C1505D-001-000 for Mt. Greenwood Site Preparation, 2 pages".

Change 3: Construction Operations and Site Utilization Plan – Section 01030:
Item 3.3, A: Delete in its entirety and replace with the following:
"3.3 CONSTRUCTION OPERATIONS PLAN

A. Construction Phasing – In order to minimize disruption to school operations, the project shall be completed in multiple Phases, with each Phase containing different components of the project. These Phases include: Phase I – Site Preparation (By JOC / NIC), Phase II New 2 Story Addition and Existing School Building Interior Renovations (while school is in session), and Phase II Site Improvements and Existing School Building Interior Renovations. Refer to other portions of the specification for Site Restrictions and Access to work in the Existing Building. The Contractor must obtain advance written approval from the Commission for performing any work during holiday breaks or holidays other than those noted in sub-part 3.3(C)(4). Utility services, including, but not limited to, gas, water, sewer, electric, phone, and cable, shall remain operational for the duration of work while school is in session and the building is occupied. Code mandated life safety provisions including, but not limited to, school egress for all

interior stairs, operational fire alarm system, exit signage, smoke alarms, school egress from building to public way, temporary egress paths in existing building, code-official mandated signage, etc. shall remain operational at all times while school is in session and building is occupied. Any temporary services required to serve the existing building shall be submitted by the contractor to both the Commission and the Authority having Jurisdiction (the Code Official(s)) and approved in advance of any work in the existing building. Any cost or scheduling for such submissions, approvals, and activities shall be the Contractor's solely and specifically, not the Commission's, and included in the lump sum proposal and project schedule accordingly, including any required re-submittals. Utility shut-offs will only be permitted during off hours between 6:00pm on Friday through 7:00am on Monday. All such utility shut-offs require written approval of the PBC's Authorized Commission Representative in conjunction with CPS. Refer to drawing PH1.0, Phasing Plan for additional information."

Change 4: Permeable Pavers – Section 02550:

A. Item 2.1, C, 1: delete "Natural" and replace with "Chardonnay".
B. Item 2.1, C, 2: delete "Chardonnay Tan (SRI>29)" and replace with "Granite Finish".

Change 5: Stone Assemblies – Section 04850:

A. Delete Items 1.1, A; 2.1, B; 2.4; and 2.5, B. There are no exterior granite benches in the scope of work.

Change 6: Solid Surface Cladding – Section 06650:
Item 2.2, A, 3: revise to "Thickness: ¾" as shown on drawings."

Change 7: Door Hardware – Section 08710:

B. Delete Item 2.11, B, 1, b, Item 2.11, B, 1, c, and Item 2.11, B, 2; they are not used.
C. Revise Item 2.11, B, 1 to read "STC Rating:"

Change 8: Steel Doors and Frames – Section 08110:
Item 2.5, E, 1: Revise to read "For doors indicated to have STC ratings in the Drawings, provide manufacturer's steel stiffened door with insulation and perimeter sound stripping as specified in Section 08710 "Door Hardware". Provide ¼" max undercut."

Change 9: Acoustical Ceilings – Section 09510:

A. Items 2.1, B, C and D: Delete references to room locations; instead refer to the ceiling plans sheets A2.1A and A2.2A for the locations of the various ceiling tile types.
B. Item 2.1, D: At Dining Room 118, provide the manufacturer's optional Foil Backing for the 48"x48"x1" thick fiberglass substrate ceiling tile to achieve a minimum CAC of 25.

Change 10: Installation of Fire Extinguishers and Cabinets – Section 10521:
Revise Item 1.1, A as follows:

A. Section Includes:
    1. Provision and installation of bracket mounted fire extinguishers as indicated

on plans and as scheduled on Drawing Sheet A1.1A.

2. Provision and installation of fire extinguisher cabinets as indicated on plans and as scheduled on Drawing Sheet A1.1A.

Change 11: Sound Control Barriers – Section 13080:
Item 2.1, B: Add the following manufacturers:

4. George Koch Sons: Koch Acoustical Barriers
5. Noise Barriers LLC: QuietPerf
6. Industrial Noise Control, Inc.: Panl-Sorb

Change 12: Heating, Flat-Plate, Solar Collectors – Section 13610:
Add new section in its entirety, 5-pages, attached.

Change 13: Vibration Controls for HVAC Piping and Equipment - Section 15074:
For Rooftop Units, revise the Minimum Static Deflection to be 2.0" minimum for consistency with the Vibration Isolation Schedule on Sheet M0.1.

Change 14: HVAC Insulation - Section 15083:
Delete Section in its entirety and replace with revised section: "15083 HVAC Insulation", 31-pages, attached.

Change 15: HVAC Water Treatment – Section 15189
Delete section in its entirety and replace with revised section: "15189 HVAC Water Treatment", 19-pages, attached.

Change 16: Plumbing Fixtures – Section 15410
Items 2.2, C, 7 and 2.2, D, 7: Revise the urinal Design Water Consumption to 0.125 gal. per flushing cycle.

Change 17: Solar Water Heating Equipment – Section 15486.1:
Add new section in its entirety, 17-pages, attached.

Change 18: Cabinet Unit Heaters – Section 15766
Delete section in its entirety and replace with revised section: "15766 Cabinet Unit Heaters", 5-pages, attached.

Change 19: Propeller Unit Heaters – Section 15767
Delete section in its entirety and replace with revised section: "15767 Propeller Unit Heaters", 4-pages, attached.

Change 20: Custom Built Roof Top Units (CBRTU) – Section 15781
Delete section in its entirety and replace with revised section: "15781 Custom Built Roof Top Units (CBRTU)", 19-pages, attached.

Change 21: Appendix A – 100% Site Preparation Package (For Reference Only)
Add Addendum No.1 to JOC Task Order 05810-C1505D-001-000 for Mt. Greenwood Site Preparation, 65-pages, attached. Refer to Appendix B – Environmental Reports (For Reference Only) for the similarly titled documents referenced in Addendum No.1 to JOC

Task Order 05810-C1505D-001-000 for Mt. Greenwood Site Preparation.

CHANGES TO DRAWINGS:

Change 22: Sheet G2.2, Drawing 1:
At Gridline 6 from Gridline C to Gridline D, add the note "Fire protect all structural wall kickers supporting exterior wall lintels and associated supporting beams, connections and columns supporting such members with 1-hr sprayed fire-resistive materials meeting a 1-hr rating."

Change 23: Sheet ENV1.0:
Delete drawing sheet ENV1.0 dated 11.08.10. Replace with new drawing sheet ENV1.0 dated 11.16.10, with Delta 1, Addendum #1. (Attached)

Change 24: Sheet ENV1.1:
Delete drawing sheet ENV1.1 dated 11.08.10. Replace with new drawing sheet ENV1.1 dated 11.16.10, with Delta 1, Addendum #1. (Attached)

Change 25: Sheet ENV1.2:
Delete drawing sheet ENV1.2 dated 11.08.10. Replace with new drawing sheet ENV1.2 dated 11.16.10, with Delta 1, Addendum #1. (Attached)

Change 26: Sheet C1.0:
Limits of landscape removal at northwest side of proposed building indicated. See attached sketch CSK-1.

Change 27: Sheet C2.0:
Additional dimensions and clarifications added. See attached sketch CSK-2.

Change 28: Sheet C3.0:
At the northwest corner of the site, provide handrails for the 1:16 max. ramp transition from addition to existing playground in layout as indicated on plan and per attached sketch CSK-4.

Change 29: Sheet C4.0:
Removed street restoration for water line, and added note calling for directional boring of 68LF water line. See attached sketch CSK-3.

Change 30: Sheet C5.2:
Add detail for ramp handrail per attached sketch CSK-4.

Change 31: Sheet L1.0:
Delete one (1) proposed parkway tree, ULP; existing tree to remain. Revise plant schedule to reflect changes to parkway tree quantities. See attached sketch LSK-1.

Change 32: Sheets L1.1 and L1.2:
For clarification of extents of new and existing fencing on site, as well as gate widths and setbacks, see attached sketches LSK-3 and LSK-4.

Change 33: Sheet L1.2:
Revised limits of proposed sod at south side of existing building for coordination with Civil. See attached sketch LSK-2.

Change 34: Sheet L2.2:
Revised Detail 11/L2.2 for a 22' wide driveway. See attached sketch LSK-5.

Change 35: Sheets D1.1, D1.2, and D1.3:
Revise Demolition Note #8 to "Not Used." Refer to drawings for extent of work to existing mechanical equipment.

Change 36: Sheet D1.1
Delete drawing sheet D1.1 dated 11.10.10. Replace with new drawing sheet D1.1 dated 11.29.10, with Delta 1, Addendum #1. (Attached)

Change 37: Sheet D1.2:
At existing north stairway to be removed:

A. Carefully remove existing pendant light fixture and keep for reinstallation at the same location, with pendant raised 4'-0".
B. At south wall remove existing heater, grille, and associated elements. Cap all utilities, and prep surfaces for infill with new 8" CMU. Typ at 2 locations. See 1/A5.6 for additional information.
C. Remove existing floor finishes and prep surface as needed to accommodate new floor finishes.
D. As clarification at the existing window to be removed, selectively remove material as required for the enlargement of the opening to accommodate new floor slab and door assembly including frames. See 1/A5.6 for additional information.

Change 38: Sheet D1.3:
At northeast end of building at location of the removal of existing coping cap, revise reference to Sheet D1.3 to instead reference Sheet D1.1 for more information and extent of coping cap removal.

Change 39: Sheet AS.1:
Delete drawing sheet AS.1 dated 11.10.10. Replace with new drawing sheet AS.1 dated 11.29.10, with Delta 1, Addendum #1. (Attached)

Change 40: Sheet A1.0:

A. At the northeast corner of the existing building (between new Gridlines E&F, and 2&3), omit the infill of the existing opening from the scope of work; it will be installed by others under site prep contract work prior to general contract work. See 1/A5.6 for additional information.
B. At the southeast corner of the existing building, revise note "Infill existing opening at this location w/ reinf 12" nom CMU; ref. struct. for additional information" to instead read: "Selectively demo new opening above for installation of new conduits. Do not cut/damage joist/beam structure; see 2/S3.5 for additional information."

C. Along routing of new electrical conduit array, refer to 3/S3.5 for new lintels at all wall penetrations through existing walls. Firestop and smoke seal all interior penetrations with minimum 2-hour UL assembly.

Change 41: Sheet A1.1A:

A. At the column surround for A-2, revise "M8" partition type tag on north side to "M8R", at west side of enclosure, revise partition type tag "M4" to "M4R".
B. Add missing dimension strings on west side of building as identified on attached sketch ASK-06.
C. At the stepped retaining walls extending east and west from the addition at Gridlines 1&A, 6&A, 6&F, and 4&F, shift wall locations to the north and south such that nearest face of retaining wall is 1'-4" from Gridlines 1, 4, and 6 as per 1/A6.1, 3/A6.2 and 3/A8.3.1 sim.
D. Delete fire extinguisher cabinet and fire extinguisher schedules and replace with revised schedules as identified on attached sketch ASK-04.
E. At northeast corner of the existing building, at north wall add a graphic for a new architectural louver 48" wide with stone sill. See sheets D1.1, M1.1A, 2/A5.3 and S5.1 Lintel Schedule for additional information.
F. Add graphic for FDC near column line A-1 and B-6, add note "fire department connection, alarm bell and strobe".
G. At graphic symbols key revise structural steel bracing graphic (line) to be bold dashed line as indicated on plans.
H. At interior CMU wall, near 4-hour vestibule adjacent to ramp, provide full-height control joint on north wall near tag "M10R" to align with edge of the second floor slab above; control joint shall extend full height (to underside of roof).
I. At all CMU walls in excess of 20'L add control joints, including joint stabilizers, backer rod and sealant at all interior corners where walls intersect. Reference details 5&6/A9.2 (sim).
J. At Kitchen Office Room 121, relocate the exterior window at the east wall 8" north to coordinate opening location with whole units of stacked bond masonry layout.
K. Add a detail bubble around the (E) Kitchen (N) Storage Rooms (SE corner of existing building) and add detail callout 2/A13.1; see attached sketch ASK-09.
A. At Dining Room 118 west wall, revise the window walls between dining room and corridor into four separate assemblies with intermediate 2'-0" wide 8" solid grouted CMU pier w/ #5 at each end of pier, and anchored to the bottom of 2nd floor deck as shown in 2/S3.3 or 3/S3.3. See attached sketch ASK-14.

Change 42: Sheet A1.2A:

A. At east wall of Stair 2, CMU wall is full height at chase, and partial height for remainder as indicated on attached sketch ASK-08.
B. Add control joints in CMU masonry walls to align with second floor slab edge either side of stair (at top landing), typical at Stair 01 and Stair 02.
C. Delete fire extinguisher schedule in upper right hand corner and replace with note: "Refer to sheet A1.1A for fire extinguisher schedule." See attached sketch ASK-04 for additional information.
D. See attached sketch ASK-05 for revised Locker Count Schedule.
E. In Classrooms 01, 03, and 06 (room numbers 204, 208, and 214 respectively) add

general plan note "Similar – opposite to Classroom 05 (Rm. 210), ref. 1/A8.2."

F. In Classrooms 02, 04, and 07 (room numbers 205, 209, and 215 respectively) add general plan note "Similar to Classroom 05 (Rm. 210), ref 1/A8.2."

Change 43: Sheet A1.3A:

A. At northwest edge of building, approx. 8'-0" west of Gridline F between Gridlines 4-6, add note "Roof high point."
B. At southwest edge of building at note "Roof high point", revise note to read "High point of sloped roof between Gridlines 1-1.9"
C. At RTU's add note "For roof curb detail refer to typical detail 4/A6.11; exact size, location and configuration of curb shall be coordinated by contractor with submitted equipment, height of RTU, curb-type, and manuf. anchorage details."

Change 44: Sheets A2.1A and A2.2A:

A. At Ceiling Symbols Key, revise graphic and notes for shaftwall soffit, gypsum board ceiling, and window mounted shades and prefinished housing as indicated on attached sketch ASK-07.
B. At General Ceiling Notes add note 3(C); "all exposed sprinkler piping shall be painted to match ceiling color, in rooms designated without painted ceiling, sprinkler branch-piping paint color shall be selected by architect"
C. At Ceiling Keynote Legend, note 9, revise paint reference to PT-1.
D. At 4-HR Vestibule, provide a ceiling expansion joint per 5/A6.9 sim at the west wall.

Change 45: Sheet A2.1A:

A. At empty section tag along Gridline D.9 located between Gridlines 3&4, add detail reference to 6/A6.11. Add a similar detail reference tag to the beam enclosures due east and south of the column at Gridlines D.9&3.
B. At the south end of Electrical Room 115, for coordination with 3/A5.4 revise the gypsum board ceiling to a shaftwall soffit. See attached sketch ASK-07 for additional information.

Change 46: Sheet A2.2A:

A. At exterior of building, on east, west (north end) and west (south end) add ceiling keynote #9; all exposed steel, metal deck, shall receive exterior metal paint, color PT-1.
B. See attached sketch ASK-07 for clarification for dimensions of stems for lighting in area between Gridlines 2-3 and D-E.
C. Add the following to Keynote #28: "All classrooms shall receive continuous 4"x4" two-piece prefinished aluminum snap trim where gypsum board terminates at acoustical metal deck, match PT-1, ref. demising wall detail 6/A6.4; exterior and non-demising condition trim sim."

Change 47: Sheets A2.2A, A5.1 Details 1 and 2, A5.4 Detail 1, A5.5 Detail 2, A6.4 Detail 6, A6.10 Details 6 and 11, and A6.12 Details 4 and 11:
At all classrooms with exposed acoustical cellular metal deck per Ceiling Keynote #28, provide continuous 4"x4" two-piece prefinished aluminum snap trim at perimeter of room where gypsum board terminates at acoustic metal deck, match finish wall paint

color, sim to 6/A6.4 and 11/A6.10.

Change 48: Sheet A3.1:
At Elevation Keynote Legend, add the following to Keynote #4: "At stacked bond locations, locate the masonry expansion joint between whole units of masonry."

Change 49: Sheet A4.1, Detail 2 and Sheet A4.3, Detail 2:
Delete ground mounted guardrail for Stair #3 and replace with double-height post-mounted stainless-steel handrails; one each at adult height (34" A.F.F. top of rail) and children's height (24" A.F.F. top of rail). Refer to attached sketches ASK-02 and ASK-03.

Change 50: Sheet A5.2, Detail 2:
See attached sketch ASK-12 for additional ramp and railing information.

Change 51: Sheet A5.3

A. Detail 1: Revise coping per revised detail 4/A6.12. See attached sketch ASK-13.
B. Detail 2: At note "3-1/2" tube steel struts secured to WF and extended to cont. 3-1/2" tube steel girt for anchorage of window wall lateral bracing drift connection" delete reference to 3-1/2", and add the following to note: "refer to structural drawings for sizes and additional information".

Change 52: Sheet A5.4,

A. Detail 1: Change detail reference at edge of roof from 9/A6.12 to 11/A6.12. At second floor edge beam, add note "Extend min. 3-5/8" 25 GA metal framing @ 24" O.C. max around all perimeter floor beams w/ (2) layers 5/8" Type 'X' gwb around beam and firestop at underside of deck per 2/A9.2 (typ)."
B. Detail 4: At RTU acoustic deflection curb add reference tag to detail 4/A6.11 sim. At framed parapet between Gridlines 1.9 and 2, add reference tag to detail 4/A6.12 sim.

Change 53: Sheet A5.6

A. Detail 1: At second floor, near 4-hour vestibule adjacent to second floor at line "E", delete architectural note "3/8" bent plate either side of vestibule wall, secure to perimeter beam. Provide stiffeners as req'd". Replace with: "Refer to structural drawings for slab support".
B. Detail 1: Above first floor transition stair at ceiling add ceiling/soffit detail tag 6/A6.9. At second floor ceiling, to right of Gridline C, add ceiling detail tag 4/A6.9 sim.

Change 54: Sheet A6.4, Detail 3:
Delete dimension that reads: "8 1/2" Soffit Above".

Change 55: Sheet A6.9, Detail 7:
Where shaftwall terminates at underside of metal deck, add note "Firestop and smoke seal w/2-hr UL assembly at terminations and penetrations, ref. 2/A9.2 sim. Provide B-label locking access panels where required".

Change 56: Sheet A6.10, Detail 3:

At horizontal portion of reverse soffit add note “Sprinkler head, center in soffit, run all piping concealed to view. (2) layers 5/8” gwb at underside, (1) layer on vert. surface, ptd.”

Change 57: Sheet A6.11, Detail 3:
At second floor guardrail, add note “Provide 1” steel pickets secured to top and bottom rail @ 4” O.C., grind all welds smooth and paint”.

Change 58: Sheet A6.12:

A. Change detail reference and name of detail “ - / WSECT_1-C.7@ROOF FASCIA” to number “11” and name “Enlarged Detail”.
B. Change detail reference of detail “10-Base Detail @ 2nd FLR Exposed Column” to detail reference number “12.” At Base Detail @ 2nd FLR Exposed Column, provide 3/16” fillet weld where bent plate is perpendicular to column flange, and provide square groove weld where bent plate is aligned with face of column flange.
C. Detail 1: To note “(2) layers 2-1/2” polyisocyanurate insulation w/ staggered joints” add “Provide tapered insulation as required and taper down to provide min. 1/4” per foot positive pitch to roof drain.” For custom double sump pan receptor, reference detail 8/A6.8.
D. Detail 2: At non-bearing interior masonry wall at lower floor slab-on-grade, add note “4” nom starter course, typ.” At first course at landing, add note “Cut starter course to align with typical coursing.”
E. Detail 4: Revise coping per attached sketch ASK-13.
F. Detail 7: revise the location of the masonry expansion joint to Gridline 4 (1’-4” from window opening) to coordinate with a 4” masonry jamb return and 12” whole unit of masonry.
G. Detail 9, delete note: “3-1/2” tube steel struts secured to WF and extended to cont. 3-1/2” tube steel girt for anchorage of window wall lateral bracing drift connection”, and replace with: “Tube steel struts secured to WF and extended to continuous tube steel girt for anchorage of window wall lateral bracing drift connection, engineered connection shall be delegated design by a licensed structural engineer registered in the State of Illinois”.

Change 59: Sheet A6.13, Detail 1:
At galvanized stub columns, add note: “For all galvanized stub columns provide fire treated wood blocking as required for level and plumb installation and secure attachment to cold formed framing. Refer to 4/S3.5 sim for column sizes.”

Change 60: Sheet A7.2, Detail 2:
At partial-height masonry wall, revise note “ 2” PRECAST CONCRETE CAP” to instead read “ 4” NOMINAL PRECAST STONE CAP”.

Change 61: Sheet A8.1

A. Detail 1: At Stair 3 and Top Landing, add a detail reference to 6/A8.3.2. See attached sketch ASK-02.
B. Detail 2: At 4-HR Vestible Room 201, at the interface of the north and south walls with the existing west wall, add references to details 2/A6.3 sim and 3/A6.3 sim

for expansion joint cover information.

C. Detail 3: See attached sketch ASK-10 for additional ramp and railing information.
D. Detail 7: See attached sketch
E. ASK-11 for additional ramp and railing information.

Change 62: Sheet A8.2

A. Detail 7: Delete unreferenced section tags.
B. Details 2, 5, 8 and 10: Delete note "Fabric wrapped acoustical panels typ" and replace with the following: " 48" wide fabric wrapped acoustical wall panels centered on wall at 9'-0" AFF typ. Hold panels 6" below metal deck at roof and profile cut panels to match the slope of the roof; cope panels around all beam and other penetrations."

Change 63: Sheet A8.3.1, Detail 1:

B. At back-to-back hand sinks at Servery 119 and Kitchen 120, add note at each "Provide paper towel dispenser, soap dispenser, and manufactured p-trap insulation in accordance with toilet accessory specifications."
C. At REC box at each column enclosure at Gridlines C&2, and C&4, add tag "FEC-01". In Mechanical Room 124 at FE circle near Gridlines C&6, add note "FE-01". In Kitchen at FE symbol near hand-sink to the right of tag for Kitchen 120 add "FE-01".
D. At Dining Room 118 west wall, revise the window walls between dining room and corridor into four separate assemblies with intermediate 2'-0" wide 8" solid grouted CMU pier w/ #5 at each end of pier, and anchored to the bottom of 2nd floor deck as shown in 2/S3.3 or 3/S3.3. See attached sketch ASK-14.

Change 64: Sheet A8.3.2:

A. Add details 6/A8.3.2 per attached sketch ASK-02 and detail 7/A8.3.2 per attached sketch ASK-03.
B. Detail 2: At FEC-01 shown at Gridline 3 add note "Provide cut solid-surface to conform to FEC flange profile, caulk gap."
C. Detail 2: At solid surface wainscot, add note "Equally space panels and countersunk fasteners, provide cut-outs for electrical devices and FEC flanges. Submit fully coordinated shop drawing for review prior to fabrication."

Change 65: Sheet A9.1:
Add typical masonry wall partition type per attached sketch ASK-15.

Change 66: Sheet A9.3:
Delete details 8, 9 and 10; they are not used.

Change 67: Sheet A9.4, Detail 12:
As clarification, the maximum size opening through a concrete or CMU wall is a 4" diameter circle.

Change 68: Sheet A12.1:

A. In the Opening Schedule:
   1. Delete Note Key N18 from doors D112E, D112F, D112G, D116B, D116C, and

D116D.

2. Add Note Key N18 to doors D115, D120B, D123, and D130.
3. Add Note Key N7 to doors D102 and D201.
4. For Doors D204, D205, D208, D209, D210, D214, D215, and D217, in STC Rating column revise "STC 30" to "X"; refer to spec section 08110, 2.5, E, and spec section 08710, B, for additional information for those doors.
5. At Door D116B, replace hardware with set 48, in remarks delete keynote N6.
6. At Door D116D, replace hardware with set 49, in remarks add keynote N6.
7. At openings L118C and L118D, revise the width to: 2@9'-6 3/8"; see attached sketch ASK-14 for additional information. Revise Frame Material to "HM". In Note Key, revise "50-min" to instead be "60-min".

B. In the Schedule Information and Notes, revise Note Key N18 as follows: "Provide door sweep, refer to HW set. If not otherwise indicated, provide Pemko 18100CP; other manufacturer's products meeting design criteria will be considered subject to compliance with project requirements."

Change 69: Sheet A13.0:
Add detail 12/A13.0 per attached sketch ASK-01.

Change 70: Sheets A13.1 and A13.2:

A. At General Finish note No.5, revise note to read "Where quarry tile or ceramic tile are scheduled provide bullnose trim at base to wall and vertical tile transitions, provide cove profile at all floor to wall transitions".
B. At General Finish note No.9, revise note to read "All walls scheduled with sealed face CMU (CLS) finish shall receive vinyl cove base, VC-1 U.N.O.".
C. At General Finish note No.14, add "Provide FRP where shown on finish plan, caulk to wall base, hold-off adjacent surfaces 3/8"-1/2" at all terminations and penetrations, install backer rod and sealant".

Change 71: Sheet A13.1:

A. Add drawing 2/A13.1 "(E) Kitchen/(N) Storage Finish Plan" per the attached sketch ASK-09.
B. Delete "and sill (SS)" from Note 25; refer to detail 2/A6.10 for typical Dining Room aluminum sill.

Change 72: Sheet A13.2:

A. At column at Gridlines C&2, add note "Exposed column PT-10".
B. At Corridor 203, near Stair 01, change VCT2 floor type to VCT8.
C. At Corridor 207, change VCT2 floor type to VCT8.

Change 73: Sheet A14.0, Interior Signage Schedule:

A. Add 1 sign for "102-Top Landing"
B. Add 1 sign for "131-Existing Building Lobby"
C. Add 1 sign for "202-Lobby"
D. Add 1 sign for "219-Existing Building Corridor"
E. As clarification, the Interior Signage Schedule accounts for room signs only. Refer to specifications and sheets A14.1 and A14.2 for quantities and locations of all other signs, including directional signs.

Change 74: Sheet A14.1, Detail 1:
Add Signage Type tag "S1" to sign in "131-Existing Building Lobby".

Change 75: Sheet A14.2, Detail 1:
Add Signage Type tag "S1" to sign in "219-Existing Building Corridor".

Change 76: Sheet S1.1:
Revise drawing per attached sketches SSK-1, SSK-2, and SSK-3.

Change 77: Sheet S1.2:
Revise drawing per attached sketches SSK-4 and SSK-5.

Change 78: Sheet S1.3:
Delete drawing sheet S1.3 dated 11.10.10. Replace with new drawing sheet S1.3 dated 11.29.10, with Delta 1, Addendum #1. (Attached)

Change 79: Sheet S2.4:

A. Detail 1: Revise drawing per attached sketch SSK-6.
B. Detail 2: Revise drawing per attached sketch SSK-7.
C. Detail 5: Revise drawing per attached sketch SSK-8.
D. Detail 6: Revise drawing per attached sketch SSK-9.
E. Detail 7: Revise drawing per attached sketch SSK-10.
F. Detail 8: Revise drawing per attached sketch SSK-11.
G. Detail 14: Revise drawing per attached sketch SSK-12.

Change 80: Sheet S3.2:

A. Detail 12: Revise drawing per attached sketch SSK-13.
B. Detail 13: Revise drawing per attached sketch SSK-14.
C. Detail 14: Revise drawing per attached sketch SSK-15.
D. Add Detail 16 per attached sketch SSK-16.

Change 81: Sheet S3.3, Detail 12:
Revise drawing per attached sketch SSK-17.

Change 82: Sheet S3.4:

A. Detail 1: Revise drawing per attached sketch SSK-18.
B. Detail 3: Revise drawing per attached sketch SSK-19.
C. Detail 4: Revise drawing per attached sketch SSK-20.
D. Detail 5: Revise drawing per attached sketch SSK-21.
E. Detail 6: Revise drawing per attached sketch SSK-22.

Change 83: Sheet S3.5:

A. Renumber Detail 3 "Lintel at New Opening in Existing Concrete Wall" to be Detail 4. Revise drawing per attached sketch SSK-23.
B. Renumber Detail 4 "Typ. Roof Slab Edge Detail @ Window Wall" to be Detail 5.
C. Add Detail 6 per attached sketch SSK-24.
D. Add Detail 7 per attached sketch SSK-25.

E. Add Detail 8 per attached sketch SSK-26.
F. Add Detail 9 per attached sketch SSK-27.

Change 84: Sheet S5.1:
Add detail 13/S5.1 per attached sketch SSK-28.

Change 85: Sheet M0.1:
Added Duct Silencer schedule, Flow Meter Schedule, and revised Unit Heater Schedule. Added Mechanical Equipment maximum sound power levels and revised Vibration Isolation Schedule and Refrigeration Schedule. See sketch MSK-14.

Change 86: Sheet M1.1A:
Revised duct routing and added construction notes for clarification. Added Fire Dampers. See sketch MSK-03.

Change 87: Sheet M1.2A:
Revised duct routing and added construction notes and detail to plan for clarification. See sketch MSK-04.

Change 88: Sheet M1.3A:
Added construction notes for clarification. See sketch MSK-05.

Change 89: Sheet M2.0:
Addition of FM-1 to a note. See sketch MSK-06.

Change 90: Sheet M2.1A:
Added notes and detail for clarification, revised AC-1/ACC-1, revised pipe sizes, UH's, and RP's. Revised Mechanical Room Layout and added Buffer Tank. See sketch MSK-07.

Change 91: Sheet M2.2A:
Added notes and detail for clarification, revised pipe sizes, UH's, and RP's. See sketch MSK-08.

Change 92: Sheet M4.2:
Revised hot water piping size from 2" to 2-1/2", added Buffer tank, and revised HWP. See sketch MSK-09.

Change 93: Sheet M5.1:
Revised equipment schedules. See sketch MSK-10.

Change 94: Sheet M6.1:
Revised inline pump detail, pipe portal detail, natural gas pressure reducing station detail, and gas connection detail. See sketch MSK-11.

Change 95: Sheet M6.2:
Revised Typical Air Device Installation Details. See sketch MSK-12.

Change 96: Sheet M6.4:

Added Rooftop Unit Detail and Typical Storage Tank Detail. Revised Condensing Boiler Piping Diagram and Hot Water Unit Heater Piping Detail. See sketch MSK-13.

Change 97: Sheet M7.4:
Added reference notes. See sketch MSK-01.

Change 98: Sheet M7.5:
Provide backdraft dampers on exhaust fans TE-1, TE-2, TE-3, EF-1, EF-2, KE-2.

Change 99: Sheet M7.5:
Added line voltage stat to EF-2. See sketch MSK-02.

Change 100: Sheet M7.5:
Revise radiant panel thermostats to programmable, from non-programmable.

Change 101: Sheet M7.5:
CUH control detail to be applicable to both CUH and UH.

Change 102: Sheet M7.6:
Add natural gas meter FM-1 to drawing.

Change 103: Sheet M7.6:
Add tag FM-2 to hydronic flow meter.

Change 104: Sheet M7.6:
Add Note 2 "provide all interlock and control wiring."

Change 105: Sheet M7.6:
Add "See M7.4" after Output Signal to VAV Box Controllers indicating HW is available.

Change 106: Sheet P3.1A:
Add 3/4" CW line to mechanical pressure fill. See sketch PSK-02.

Change 107: Sheet P5.1:
Revise urinals to 0.125-gallon. See sketch PSK-01.

Change 108: Sheet FP0.1:
Revise fire pump starter note in schedule. See sketch FSK-01.

Change 109: Sheet E0.1:
Revise Alarms & Communications Symbol from "data outlet in flush floor box" to "DATA OUTLET IN FLUSH CEILING BOX".

Change 110: Sheet ES1.1:
Revise Keyed Note #2 to read: "Remove existing Comcast RG11 CATV service cable. Provide 3" conduit along roof between weatherhead overhead service connection and roof penetration down into existing MDF room for new 625 Hardline cable (cable to be furnished and installed by Comcast). Provide new Erico Pyramid ST series supports to

support conduit to roof. Any 90 degree bends in the conduit to be Sweeping 90's. Refer to diagram 1/E4.3 for details."

Change 111: Sheet ES2.1:
For clarification of direct-buried conduit detail #7, see sketch ESK.01.

Change 112: Sheet E1.1A:
Relocate lights behind stage for new duct routing. See sketch ESK.15.

Change 113: Sheet E2.0:
Add note for Pull-Box requirements, add reference to Sheet E4.3 for cables and wires run in conduit shown on this sheet, and add electrical connection for gas meter. See sketch ESK.02.

Change 114: Sheet E2.1A:
Relocate exterior alarm bell to match fire protection drawings. Add CUH-7 & CUH-8 electrical connections. See sketch ESK.03

Change 115: Sheet E2.1A:
Revise electrical connection of EF-1 in new location, and provide electrical connection of EF-2. See sketch ESK.04.

Change 116: Sheet E2.2A:
Provide electrical connection for UH-3. See sketch ESK.05.

Change 117: Sheet E2.3A:
Relocate KE-1 and KE-2 to match mechanical layout. See sketch ESK.06.

Change 118: Sheet E4.1:
Revise wire size to RTU-2, add BP-1 to switchboard SWB-1, revise feeder and circuit breaker feeding Panel PP1-1, and revise wires between fire pump controller and fire pump to accommodate across-the-line starter. See sketch ESK.07.

Change 119: Sheet E5.2:
Revise motor schedule for BP-1, CUH-7, CUH-8, KE-1, KE-2, UH-2, UH-3. See sketch ESK.08.

Change 120: Sheet E5.3:
Revise panel schedules RP1-1, RP2-1, PP1-1 for coordination with mechanical. See sketches ESK.09, ESK.10 and ESK.11.

Change 121: Sheet E7.1:
Delete EF-2 from electrical room – see sketch ESK.04 for new location. Clarification note added for conduit between fire control panel and fire alarm control panel in existing building. See sketch ESK.12.

Change 122: Sheet E2.1A:
Revise location of UH-1, add electrical connection for BTU meter, and revise circuit

number for HWP-1. See sketch ESK.13.

Change 123: Sheet E2.1A:
Add electrical connection for UH-2. Relocate heat detector and visual Fire Alarm Device. See sketch ESK.14.

Change 124: Sheet E4.3, Detail 1:
At Note 6, revise "(1) for CATV RG635 coax cabling" to instead read: "(1) for 625 Hardline cable (cable to be furnish and installed by Comcast). Any 90 degree bends in the conduit to be Sweeping 90's."

Change 125: Sheet E5.1:
In Lighting Fixture Schedule:

A. Change the pole height for fixture S1 from 20' to 15'and the LED fixture wattage from 120W to 85W.
B. Add note 15 to fixture F8. Note 15 reads: "Reference sheet A2.2A for stem lengths."

Change 126: Site Preparation Drawings (For Reference Only):
For clarification purposes, the Site Preparation Drawings furnished at the end of the drawing set are for reference purposes only and are not part of the scope of work. The sheets consist of:
G1.0 – Title Sheet and Sheet Index, dated 10/25/10
Site Survey (1 of 3), dated 8/6/10
Site Survey (2 of 3), dated 8/6/10
Site Survey (3 of 3), dated 8/6/10
ENV 1.0 – Environmental, dated 11/8/10
C-SP-0.0 – General Notes, Legends & Details, dated 10/25/10
C-SP-1.0 – Site Demolition Erosion and Sedimentation Control Plan, dated 10/25/10
C-SP-2.0 – Grading and Site Details Plan, dated 10/25/10
S0.1 – General Notes, Legends & Details, dated 10/25/10
S1.0 – Caisson Plan, dated 10/25/10
S1.1 – Foundation/First Floor Plan (For Reference Only), dated 10/25/10
S2.1 – Caisson Details and Schedules, dated 10/25/10

ATTACHMENTS:

Revised Site Work Allowance, dated December 1, 2010.
Specification Section 13610 Heating, Flat-Plate, Solar Collectors, (8-1/2"x11" format), dated 11/29/10
Specification Section 15083 HVAC Insulation, (8-1/2"x11" format), dated 11/29/10
Specification Section 15189 HVAC Water Treatment, (8-1/2"x11" format), dated 11/29/10
Specification Section 15486.1 Solar Water Heating Equipment, (8-1/2"x11" format), dated 11/29/10
Specification Section 15766 Cabinet Unit Heaters, (8-1/2"x11" format), dated 11/29/10
Specification Section 15767 Propeller Unit Heaters, (8-1/2"x11" format), dated 11/29/10
Specification Section 15781 Custom Built Roof Top Units (CBRTU), (8-1/2"x11" format), dated 11/29/10
Addendum No.1 to JOC Task Order 05810-C1505D-001-000 for Mt. Greenwood Site Preparation

(For Reference Only), (8-1/2”x11” format), dated 11.09.10 (yellow paper)
Addendum No.2 to JOC Task Order 05810-C1505D-001-000 for Mt. Greenwood Site Preparation
(For Reference Only), (8-1/2”x11” format), dated 11.22.10 (yellow paper)
ENV1.0, 1-page (24”x36” format), dated 11.16.10
ENV1.1, 1-page (24”x36” format), dated 11.16.10
ENV1.2, 1-page (24”x36” format), dated 11.16.10
CSK-01, 1-page (11”x17” format), dated 11.29.10
CSK-02, 1-page (11”x17” format), dated 11.29.10
CSK-03, 1-page (11”x17” format), dated 11.29.10
CSK-04, 1-page (11”x17” format), dated 11.29.10
LSK-01, 1-page (11”x17” format), dated 11.29.10
LSK-02, 1-page (8-1/2”x11” format), dated 11.29.10
LSK-03, 1-page (11”x17” format), dated 11.29.10
LSK-04, 1-page (11”x17” format), dated 11.29.10
LSK-05, 1-page (11”x17” format), dated 11.29.10
ASK-01, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-02, 1-page (11”x17” format), dated 11.29.10
ASK-03, 1-page (11”x17” format), dated 11.29.10
ASK-04, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-05, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-06, 1-page (11”x17” format), dated 11.29.10
ASK-07, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-08, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-09, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-10, 1-page (11”x17” format), dated 11.29.10
ASK-11, 1-page (11”x17” format), dated 11.29.10
ASK-12, 1-page (8-1/2”x11” format), dated 11.29.10
ASK-13, 1-page (11”x17” format), dated 11.29.10
ASK-14, 1-page (11”x17” format), dated 11.29.10
ASK-15, 1-page (8-1/2”x11” format), dated 11.29.10
D1.1, 1-page (30”x42” format), dated 11.29.10
AS.1, 1-page (30”x42” format), dated 11.29.10
A10.1, 1-page (30”x42” format), dated 11.29.10
SSK-1, 1-page (11”x17” format), dated 11.29.10
SSK-2, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-3, 1-page (11”x17” format), dated 11.29.10
SSK-4, 1-page (11”x17” format), dated 11.29.10
SSK-5, 1-page (11”x17” format), dated 11.29.10
SSK-6, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-7, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-8, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-9, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-10, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-11, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-12, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-13, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-14, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-15, 1-page (8-1/2”x11” format), dated 11.29.10

SSK-16, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-17, 1-page (8-1/2”x11” format), dated 11.29.10
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SSK-20, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-21, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-22, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-23, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-24, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-25, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-26, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-27, 1-page (8-1/2”x11” format), dated 11.29.10
SSK-28, 1-page (8-1/2”x11” format), dated 11.29.10
S1.3, 1-page (30”x42” format), dated 11.29.10
MSK-01, 1-page (8-1/2”x11” format), dated 11.29.10
MSK-02, 1-page (8-1/2”x11” format), dated 11.29.10
MSK-03, 1-page (11”x17” format), dated 11.29.10
MSK-04, 1-page (11”x17” format), dated 11.29.10
MSK-05, 1-page (11”x17” format), dated 11.29.10
MSK-06, 1-page (11”x17” format), dated 11.29.10
MSK-07, 1-page (11”x17” format), dated 11.29.10
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MSK-11, 1-page (11”x17” format), dated 11.29.10
MSK-12, 1-page (11”x17” format), dated 11.29.10
MSK-13, 1-page (11”x17” format), dated 11.29.10
MSK-14, 1-page (11”x17” format), dated 11.29.10
PSK-01, 1-page (8-1/2”x11” format), dated 11.29.10
PSK-02, 1-page (8-1/2”x11” format), dated 11.29.10
FSK-01, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.01, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.02, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.03, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.04, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.05, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.06, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.07, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.08, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.09, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.10, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.11, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.12, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.13, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.14, 1-page (8-1/2”x11” format), dated 11.29.10
ESK.15, 1-page (8-1/2”x11” format), dated 11.29.10

QUESTIONS & ANSWERS:

Q1. Details 1 and 5 on A6.10 show 104C (aluminum) as the sill material. Note 25 on page A13.1 calls for the sill to be solid surface. Please clarify.

A1. The sill material is to be aluminum per Keynote 104C A6.10. On Sheet A13.1, delete "and sill (SS)" from Note 25. See Addendum No. 1.

Q2. In the written spec for the permeable pavers 2.0 C.2, it calls for the finish of the paver to be chardonnay tan. This is not a finish, it is a color. Please advise as to what finish is required.

A2. In specification section 02550 Permeable Pavers, Item 2.1, C, 2: delete "Chardonnay Tan" and replace with "Granite Finish". See Addendum No. 1.

Q3. Details 2/A4.1 and 2/A4.3 indicate ground mounted guardrail for stair #3. Is this guardrail to have 1" pickets at 4" O.C. with 1" tube frames to match the ramp 104 guardrail? Is this guardrail to have a stainless steel top rail? Please clarify.

A3. A guardrail is not required at the stair. For the revised handrail information refer to Addendum No. 1, and revised handrail detail shown on partial plan and partial section per attached sketches ASK-02 and ASK-03.

Q4. Section 1 on sheet A5.6 calls for, "3/8" bent plate either side of vestibule wall, secure to perimeter beam. Provide stiffeners as required." How many plates are required in the vestibule? After reviewing sheets A1.1A & A5.6 the location of these plates are unclear. Please clarify this note.

A4. Referenced note on architectural drawing 1/A5.6 has been superseded. Refer to Addendum No. 1.

Q5. Details 9/A6.12 and 2/A5.3 call for 3-1/2" tube struts to brace the window wall. Sheet S1.2 calls the same struts to be HSS2x2x1/4" braces. Which size is correct?

A5. The structural sizes shown are correct. Refer to Addendum No. 1.

Q6. Section 1/A6.13 calls for galvanized stub columns for lateral support of the parapet walls at column lines 4 & 1.9. These stub columns are not indicated on the structural drawings. What size tube columns are required?

A6. The stub columns are HSS3"x3"x1/4" posts per 4/S3.5 sim. Refer to Addendum No. 1.

Q7. Detail 3 on sheet A6.11 shows the second floor guardrail system. What is the guardrail infill supposed to be? Are we to provide the same 1" pickets with 1" tube frames as the first floor ramp rail indicated in section 2/A5.2?

A7. The guardrail infill is 1" steel pickets equally spaced at 4" o.c. between vertical support rails; refer to Addendum No. 1.

Q8. Sheet A1.3A has a note that says, "Structural frame for water heater solar array. Sub frame & connections shall be delegated design by installer under direct supervision of a licensed structural engineer registered in the state of Illinois." There is no indication of the primary structural supports on the structural or architectural drawings. What is required to support the solar panels?

A8. Refer to Addendum No. 1.

Q9. Please clarify the following. Opening Schedule A12.1 reads auto operators on doors D116B and D116G. These doors are on opposite sides of the 3 door set. It seems on electrical plan that they should in fact be doors D116G and D116D?

A9. Automatic door operators are required on doors D116D and D116G. Refer to Addendum No. 1.

Q10. C's, L's, D's, A's and FS drawings are marked "Not for Construction". Please clarify if these are the correct drawings we are to base our bid upon.

A10. Refer to drawing index, title of issue, and date of issue to confirm you have the appropriate bid documents. Issue for Construction sets will be issued subsequent to receipt of the building permit.

Q11. The Site Preparation drawings contain the structural drawings indicating the new caissons to be provided. Are the caissons part of the Site Preparation scope of work and NOT part of the Building scope of work?

A11. Drilled piers (caissons) will be installed under the site preparation phase (not in this work scope); site preparation drawings are included for reference.

Q12. The area where we are to install the UG site lighting and ComEd service feeder conduit systems is currently covered with asphalt. Drawing PH1.0 indicates that the ComEd service feeder conduit system will be installed during Phase II (while existing asphalt is present).

A. We have assumed that we will be responsible for saw cutting of the existing asphalt, is this assumption correct?
B. Can we install the site lighting conduit systems and pole bases at the same time (during Phase II)?
C. Given that the area will be modified with sidewalks, trees, and the new parking lot during Phase III, can we back fill with gravel rather that repair the existing asphalt?

A12.

A. Contractor is responsible for required scope for installation of work. Incidental cutting and patching, etc. required for execution of the work shall be included in the contractor's work scope.
B. No. Refer to phasing plan. Work that will disrupt use of lot while school is in session is discouraged, thus this work scope is included in Phase III.
C. Repair / restoration of the existing surface is required for use by the school while school is in session and lot is being used. This is indicated on the contract documents. Refer to Item 3 on Phase II of sheet PH1.0.

Q13. Drawing E2.0, shows new buried conduit (FA, I-com/Clock, and Intrusion Detection) systems to be installed between the existing building and new Annex Building.

A. Can these conduit systems be installed during Phase II (while we are installing the ComEd/site lighting feeder conduit systems)
B. If so, we have assumed that we will saw cut existing asphalt and back fill with gravel (without repair to existing asphalt), is this assumption correct?

A13.

A. Please refer to project phasing diagrams and applicable portions of addenda. Referenced work is allowed to be installed in Phase II as outlined on PH1.0 provided there is no interruption to existing services within the existing

building during Phase II. Emergency egress and beneficial use of the existing school fire stairs shall not be interrupted.

B. Please refer to project phasing diagrams and applicable portions of the addenda. Phase II indicates that all site work outside of Site area 'A' shall be restored immediately following isolated utility work. Work within Site area 'A' does not carry that stipulation under Phase II.

Q14. Drawing ES1.1 – Keyed Note 2 calls for "New RG635 Cable". My cable vendor states "no such cable". Is "RG635" the correct cable number? Please verify.

A14. Revise new Comcast cable to 625 Hardline. Contractor is responsible for all of the conduit. Comcast to furnish and install all of the 625 Hardline cable in that conduit, including connections between the MDF and IDF. Any 90 degree bends in the conduit need to be Sweeping 90's. See Addendum No. 1.

Q15. Page A12.1 of the drawings shows Door Frame Type 6 as being Aluminum and carrying a fire rating of 50-mins to match wall construction; however there is not a specification section for aluminum fire rated framing. Furthermore Detail 2 on Page A5.2 calls these frames to be B-Label H.M. Frame w/ 4" Base and grouted solid and blow-up detail 1 on A6.11 would confirm this. Are these frames to be hollow B-Label Hollow Metal, or fire rated aluminum framing as the door schedule would suggest?

A15. Frame shall achieve or exceed 60-minute glazing requirement; B-label frame, 60-minute glazing. This frame shall be hollow-metal frame, painted. Refer to Addendum No. 1 for additional information.

Q16. The drawings and specifications do not show a new Intrusion Detection Panel, so we assume that we must expand the existing Ademco Vista 50 panel.

A16. The existing Ademco Vista 50 panel shall be expanded as shown on the drawings.

Q17. The school's Main Building already has an Aiphone Door Entry System. Will the new Aiphone AX System be installed only for the Annex, consequently giving the Main Office clerk 2 master stations to use for 2 separate systems? Or will the new AX system be installed for the Main Building as well as the new Annex? The existing Aiphone and its cabling are not compatible with the Aiphone AX Series.

A17. Two separate systems, AX system will not be installed in each building, the Main Office clerk will have two master stations for 2 separate systems.

Q18. The Assistive Listening System Specification Section is again the old "IR" Technology that the ADA consultant for CPS does not want installed in CPS schools, for good reasoning. The consultant wants the most recent spec. section, which calls for the "RF" technology, whose systems offer better audio coverage and are less expensive to install.

A18. The CPS boilerplate specification includes an IR or FM option, it has no RF option. This project requires IR as outlined on the contract documents.

Q19. CPS is now recommending the "IP" camera systems for the CCTV Security Camera System with the Salient Software Control System in elementary schools. The Spec. Section and drawings are showing the analog camera system. There is a new Specification Section for CCTV.

A19. The most current available CPS guideline specification for Elementary Schools has been utilized for this project, please follow the requirements of the contract documents.

Q20. Specification Section 04850 Stone Assemblies, the summary states "Exterior granite benches as shown and detailed on the drawings". The location or details of these benches are not shown on the drawings; please specify the details and location of these benches.

A20. Delete reference to exterior granite benches.

Q21. Sheet C4.0 note "Connect Cistern Overflow", but sheets C4.0 – C6.0 do not show any details of the Cistern. Please provide details for the Cistern.

A21. Refer to Specification 13460 WATER STORAGE TANK for cistern information. The overflow pipes from the cistern shall be routed to the stormwater system as indicated on C4.0.

Q22. Keyed Note 2 on ES1.1:

A. Is the 3" conduit on the roof existing or new?
B. Is the conduit from the roof to the MDF room existing or new?
C. Is the new cable from 2nd floor MDF room to weatherhead or from 2nd floor MDF room to existing Comcast pole?
D. Detail 7 on ES2.1 shows "direct buried" conduit but the routing goes thru the existing school. Is the routing thru the existing school basement exposed in the existing basement?

A22.

A. New
B. New
C. Cable will be provided by Comcast. Conduit will run from MDF room up to roof and across to new weatherhead at location shown on drawings.
D. Direct buried between the buildings. It will then enter the basement of the existing building exposed near the ceiling of the basement and run through the existing school basement as shown on the drawings, exposed. Furnish lintels for all openings as scheduled on structural drawings, exterior wall penetrations shall be sealed weather tight.

Q23. Please confirm the condition of the following items the proposer should expect to find once JOC work is completed for caissons: existing bituminous pavement removal within Annex footprint, stripped and hauled off or stockpiled; caisson excavation spoils, hauled off or stockpiled; subgrade elevation beneath Annex footprint, at Survey Dwgs 1-3 elevation less 2" bituminous removal per Demo Note 10 on Civil Dwg C0.0; cleanliness / condition of exposed caisson dowels for gradebeams.

A23. Refer to bid documents and Addendum, including referenced Site Preparation drawings and specifications.

Q24. Please confirm all work identified to be performed during Phase I on drawing PH1.0 is to be done by others and separate from this contract.

A24. JOC work is by others. Refer to Addendum for clarification.

Q25. The specifications call for ½" solid surface wall cladding and the drawing schedule calls for ¾" solid surface wall cladding. Please advise which thickness is required.

A25. 3/4" solid surface cladding; refer to Addendum.

Q26. Does Mactec "site preparation" plan ENV 1.0 apply; legend says for "reference only"?

A26. Site preparation plan is not part of the scope – it is for reference only

Q27.

A. The Code Matrix (G2.3) states that fireproofing is NOT required at any of the roof framing (except for the 4hr Vestibule). However, the plans (G2.2 & Wall Sections & Details) make reference to fireproofing of the columns, beams & supports at the perimeter walls supporting the roofs at the classrooms. Further, it states that any of these members that are exposed should be protected with intumescent fireproofing. The plans are inconsistent with what is required at the classroom roofs. Can you please clarify if we are to follow the Code Matrix (no fireproofing at roofs) or if fireproofing is required at the roofs what members require fireproofing?

B. Also, I could not find any sprayed foam insulation drawn on the plans?

A27.

A. The drawings <u>are</u> consistent with the Code Matrix; Code matrix G2.3 states fireproofing is not required for steel supporting "roof only". Where steel columns, beams, girders, joists, etc. support or brace exterior wall lintels these members cannot be categorized as supporting "roof only", thus fireproofing is required for such structural members. All such structural members supporting exterior wall members in areas exposed to view (without soffit, ceiling, or other enclosure, shall receive Sprayed Intumescent Mastic Fire-Resistive material (fireproofing) in accordance with specification section 07816, meeting a UL listed minimum 1-hour fire-rating. All similar structural members occurring in concealed areas shall receive Sprayed Fire Resistive Materials in accordance with 07811, meeting a UL listed minimum of 1-hour fire rating.

B. Sprayed foam is shown on the drawings, including, but not limited to parapet walls A5.3, A6.12, A5.3, A5.4, A6.13. All sprayed foam insulation shall be protected by a minimum 20-minute fire barrier, or greater where shown on drawings.

END OF ADDENDUM NO.1

SITE WORK ALLOWANCE

Item No.	Description of Work	Unit(s)	Unit Price
1	Loading, transportation and disposal of stockpiled contaminated soil	Tons	$35.00
2	Excavation, loading, transportation and disposal of contaminated soil	Tons	$45.00
3	Loading, transportation and disposal of stockpiled un-suitable soil	Tons	$35.00
4	Excavation, loading, transportation and disposal of in-place un-suitable soil.	Tons	$45.00
5	Load, place and compact on-site fill material from stockpile	Cubic Yards	$7.00
6	Excavate, load, place and compact on-site fill material	Cubic Yards	$11.00
7	Demolition, removal, transportation and disposal of underground concrete footings and remnants.	Cubic Yards	$30.00
8	UST Removal (Tank < 2000 gal capacity).	Each	$3,000.00
9	UST Removal (Tank 3,000-5,500 gal capacity).	Each	$5,000.00
10	UST Removal (Tank 6,000-10,000 gal capacity).	Each	$8,000.00
11	UST Removal (Tank > 10,000-15,000 gal capacity).	Each	$9,000.00
12	UST Removal (Tank > 15,000 gal capacity).	Each	$12,000.00
13	UST tank sludge removal and disposal (55-gallon drum)	Drums	$300.00
14	Bulk UST pump out (Liquids), including transportation	Gallons	$0.60
15	Waste characterization sample analysis for disposal authorization for soils removed under Allowance Schedule	Sample	$1,500.00
16	Water analysis for full MWRDGC contaminants List	Each	$750.00
17	Obtain MWRDGC discharge permit for Bulk disposal of contaminated liquid	Each	$1,200.00
18	Contaminated water-hauling and disposal of drums	Drums	$200.00
19	Pumping, transportation and disposal of contaminated water as special waste - bulk disposal	Gallons	$0.60
20	Pumping, storage and disposal of contaminated water - bulk disposal by MWRDGC Permit	Gallons	$0.10
21	Furnish, place and compact base material CA-1 Stone.	Ton	$20.00
22	Load on-site base materials, place and compact CA-1 Stone.	Cubic Yards	$8.00
23	Furnish, place and compact aggregate material CA-6.	Ton	$22.00
24	Excavate, place and compact on-site aggregate material CA-6.	Cubic Yards	$12.00

25	Furnish, place and compact drainage material CA-7.	Tons	$16.00
26	Excavate, place and compact on-site drainage material CA-7	Cubic Yards	$12.00
27	Furnish and place geotextile filter fabric	Square Yard	$7.00
28	Site Survey - Survey crew for verification of additional excavation and backfill quantities	Each	$500.00
29	Street restoration per CDOT - 1-1/2 inch Asphalt Binder Coarse and 1-1/2 inch Asphalt Surface Coarse. Less than 100 Square Yards	Square Yard	$165.00
30	Street restoration per CDOT - 9-inch PCC Base Course, 1-1/2 inch Asphalt Binder Course and 1-1/2 inch Asphalt Surface Course. Less than 100 Square Yards.	Square Yard	$220.00
31	Furnish, transport and place topsoil.	Ton	$15.00
32	Excavation, loading, transportation, treatment, and disposal of Hazardous Waste Soil/Material.	Ton	$130.00
33	Pumping, transportation, and disposal of Hazardous water and free product-bulk disposal.	Gallons	$1.50

Total Allowance Fund = $150,000.00

NOTES:

1. All Work associated with the above allowance schedule shall be approved in writing by the Commission Representative prior to proceeding.

2. Authorized additional excavation and replacement material will be paid for in accordance with the above allowance schedule.

3. Authorized additional excavation means excavation below subgrade elevations as shown in the Plans and Specifications due to the presence of unsuitable soil materials as determined by the Commission Representative.

4. The unit prices in this allowance schedule include all overhead and profit.

5. All unused portions of the allowance funds must be returned to the Commission in the form of a deductive change order prior to Final Completion and Acceptance of the Work.

6. All work associated with the above allowance shall be performed in accordance with the contract documents.

Addendum No. 1, Revised Site Work Allowance, dated December 1, 2010