

PUBLIC BUILDING COMMISSION OF CHICAGO

**ADDENDUM NO. 2 TO CONTRACT NO. C1554
For
WILLIAM JONES COLLEGE PREP HS PHASE II
RENOVATION**

DATE: June 13, 2013

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 3: TECHNICAL SPECIFICATIONS:

- Change 1:** Document No. 00 01 10 – Table of Contents (TOC)
- a. **REPLACE** TOC dated 05/23/2013 with TOC dated 05/29/2013 issued herewith.
 - b. Section 08 71 00 – Door Hardware is **ADDED** to TOC as previously issued.
 - c. Section 12 48 13 – Entrance Floor Mats is **ADDED** to TOC as previously issued.
 - d. Section 23 01 30.51 – HVAC Air Distribution System Cleaning is **DELETED** from TOC as previously issued.
 - e. Section 23 09 26 – Building Automation System Sequence of Operation is **ADDED** to TOC as previously issued.
 - f. Section 23 36 00 – Air Terminal Units is **ADDED** to TOC as previously issued.
 - g. Section 23 82 19 – Fan Coil Units is **ADDED** to TOC as previously issued.
 - h. Section 26 09 22 – Lighting Controls is **ADDED** to TOC as previously issued.
 - i. Section 26 09 23 – Lighting Control Devices is **ADDED** to TOC as previously issued.
 - j. Section 26 51 00 – Interior Lighting is **ADDED** to TOC as previously issued
- Change 2:** Section 01 14 11 – Construction Operations Plan is **REVISED**.
- a. Part 1.3.D – Area of Work; all dates have been updated to reflect Phase II scope of work.
- Change 3:** Section 08 71 00 – Door Hardware is **NEW**.
- Change 4:** Section 12 48 13 – Entrance Floor Mats is **NEW**.
- Change 5:** Section 23 01 30.51 – HVAC Air Distribution System Cleaning is **DELETED**
- Change 6:** Section 23 05 23 – General Duty Valves For HVAC Piping is **REVISED**
- a. Deleted gate valves from 3.2.C.6 & 7.
 - b. Deleted gate valves from 3.2.E.7 & 8.
 - c. Deleted gate valves from 3.2.G.5 & 6.
- Change 7:** Section 23 07 00 – HVAC Insulation is **REVISED**
- a. Revised table 3.16.C.

PUBLIC BUILDING COMMISSION OF CHICAGO

b. Revised table 3.16.E.

c. Revised table 3.19.B.

Change 8: Section 23 09 21 – Building Automation System Basic Materials is **REVISED**.

a. Added “Electromagnetic Flow Meter” to section 2.18.

Change 9: Section 23 09 26 – Building Automation System Sequence of Operation is **NEW**.

Change 10: Section 23 22 13 – Steam And Condensate Heating Piping is **REVISED**

a. Added Record drawing requirements 1.3.G.

Change 11: Section 23 25 00 – HVAC Water Treatment is **REVISED**

a. Added Puroflux to filter manufacturers 2.7.A1.

b. Added recovery vessel with bag filter to Centrifugal Separators 2.7.B.

Change 12: Section 23 31 13 – Metal Ducts is **REVISED**

a. Added Record drawing requirements 1.4.E.

Change 13: Section 23 33 00 – Air Duct Accessories is **REVISED**

a. Added Duct Silencer requirements 1.1.A, 1.2.A, 2.1.A, 2.11.

Change 14: Section 23 36 00 – Air Terminal Units is **NEW**

Change 15: Section 23 82 19 – Fan Coil Units is **NEW**.

Change 16: Section 23 51 00 – Breechings, Chimneys and Stacks is **REVISED**

a. Added absorption chillers to section 2.5.A thru C, and 3.2.D.

Change 17: Section 26 09 22 – Lighting Controls is **NEW**.

Change 18: Section 26 09 23 – Lighting Control Devices is **NEW**.

Change 19: Section 26 51 00 – Interior Lighting is **NEW**.

Changes to Drawings:

Change 20: A1.00 – Basement Level Floor Plan

a. Text size has been increased for legibility & clarity

b. Dimensions and Text updated at Concrete Infill Panel Opening for clarity.

Change 21: A1.01 – Overall Level 01 Floor Plan

a. Door Hardware Sets are included in Door Schedule

Change 22: A1.03 – Overall Level 03 Floor Plan / Level 02-Building ‘A’

a. Text size has been increased and Sheet Graphics improved for legibility & clarity

Change 23: A8.04-1 – Building ‘D’ Cafeteria Floor Plans

a. Locations/limits for Key Plan Notes are provided

b. Limits of demolition of walls near Storage (D164) is provided

c. Clarification to content shown on Drawings #2 & #4 is included

d. Drawing #3 renamed to Drawing #4

PUBLIC BUILDING COMMISSION OF CHICAGO

e. **ADD** New Plan, Drawing#3

Change 24:

A8.04-2 – Building ‘D’ Cafeteria Reflected Ceiling Plans

- a. Clarification is provided for ceiling demolition on Drawing #1
- b. Key Note #4 is new and location is provided on Drawing #2
- c. Clarification is provided for gypsum board soffit near column [DC/D6]
- d. Height of gypsum board ceiling is provided at top of ramp near Faculty Toilet (D159)
- e. Detail #3: provide drywall trim & casing beads at all exposed edges and corners.
- f. Detail #3 extended to show connection with existing exterior wall condition
- g. Ceiling heights revised at Vestibule [D150], at Stairs in the Kitchen [D156], and at Cafeteria West Entry [D153]
- h. New/existing ceiling work is provided in Storage (D164)

Change 25:

A8.04-4 – Building ‘D’ Level 02 Floor Plans

- a. Workshop (D236) – Demolition work: remove all upper wall cabinets for complete removal of existing ceiling and installation of new as indicated.
- b. Locations/limits for Key Plan Note #2 is provided
- c. Plan note and graphic added at Drawing #1 and #2 to indicate slab opening in Mechanical Room [D230A]

Change 26:

A8.04-5 – Building ‘D’ Level 02 Floor Plans

- a. Additional dimensions and dimensional notes added for clarity

Change 27:

S6.13 – Building ‘D’ Structural Modifications for MEP Modifications

- a. Relocated/re-sized the new Level 2 mechanical slab opening
- b. Provided nominal dimensions for existing Level 2 MEP slab openings to be in-filled (dimensions to be VIF)
- c. Pad under AHUs at Level 2 are longer being relied on for structural concerns to span around openings
 - a. Eliminated additional bars around opening, and requirements for roughening the existing slab, and
 - b. Eliminated showing footprint of AHU pads at level 2 and referred to typical note for pads
- d. Amended typical note for pads (note 3) which refers to MEP and ARCH for pad layout, and now provides nominal dimensions to be used if no other information provided elsewhere.

Change 28:

M1.0A – Bldg. D A Basement Ventilation Demolition Plan

- a. Demolition of combustion fans CAF-4,6 added.
- b. Demolition of boiler flue revised.
- c. Demolition of exhaust fan E-11 added

Change 29:

M1.1D – Bldg. D First Floor Ventilation Demolition Plan

- a. Existing openings will be used for new diffuser connections.

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 30:** M1.2D – Bldg. D Second Floor Ventilation Demolition Plan
- a. Existing openings will be used for new diffuser connections.
 - b. Note added to storage room D270 to patch the wall.
- Change 31:** M1.3D – Bldg. D Lower and Upper level mechanical room ventilation plan
- a. Revised to show duct sections removed.
- Change 32:** M2.0A – Bldg. A Basement Mechanical Piping Demolition Plan
- a. Revised chilled water and condenser water pipe demolition extends.
 - b. Added demolition of tower chemical treatment system.
- Change 33:** M2.0C – Bldg. C Crawl Space Mechanical Piping Demolition Plan
- a. Added key notes
- Change 34:** M2.1D – Bldg. D First Floor Mechanical Piping Demolition Plan
- a. Key note 6 deleted.
 - b. Revised extend of booster coil pipe demolition.
- Change 35:** M2.2D – Bldg. D Second Floor Mechanical Piping Demolition Plan
- a. Revised extend of booster coil pipe demolition.
- Change 36:** M2.4D – Bldg. D Roof Piping Demolition Plan
- a. Revised keynote 1 & 2
- Change 37:** M2.7A – Bldg. A Seventh Floor HVAC Demolition Plan
- a. Added missing existing equipment and ductwork
- Change 38:** M3.0A – Bldg. A Basement Ventilation Plan
- a. New sheet added
- Change 39:** M3.1D – Bldg. D First Floor Ventilation Plan
- a. Revised all key notes
 - b. Revised air flow rates
 - c. Added new fan coil and associated ductwork.
- Change 40:** M3.2D – Bldg. D Second Floor Ventilation Plan
- a. Revised key notes
 - b. Added sound attenuators.
 - c. Revised air flow rates
- Change 41:** M3.3D – Bldg. D Lower and Upper level Mechanical Room Ventilation Plan
- a. Revised keynotes
 - b. Added sound attenuators
- Change 42:** M4.0 – Bldg. A Basement Mechanical Piping Plan
- a. Revised key notes
 - b. Revised chilled water and condenser water piping layout.

PUBLIC BUILDING COMMISSION OF CHICAGO

- c. Added chiller bypass
- d. Added flow meters
- Change 43:** M4.1A – Bldg. A First Floor Mechanical Plan
 - a. Revised key notes
- Change 44:** M4.1B – Bldg. B First Floor Mechanical Plan
 - a. Revised key notes
- Change 45:** M4.1C – Bldg. C First Floor Mechanical Plan
 - a. Revised key notes
- Change 46:** M4.1D – Bldg. D First Floor Mechanical Piping Plan
 - a. Revised key notes
 - b. Added gas kill switch
 - c. New fan coil piping added
- Change 47:** M4.2A – Bldg. A Second Floor Mechanical Plan
 - a. Revised key notes
- Change 48:** M4.2B – Bldg. B Second Floor Mechanical Plan
 - a. Revised key notes
- Change 49:** M4.2C – Bldg. C Second Floor Mechanical Plan
 - a. Revised key notes
- Change 50:** M4.2D – Bldg. D Second Floor Mechanical Piping Plan
 - a. Revised key notes
- Change 51:** M4.3A – Bldg. A Third Floor Mechanical Plan
 - a. Revised key notes
- Change 52:** M4.3B – Bldg. B Third Floor Mechanical Plan
 - a. Revised key notes
 - b. Added scope for existing chilled water valves.
- Change 53:** M4.3D – Bldg. D Lower Level & Upper Level Mechanical Room Piping Plan
 - a. Revised key notes
 - b. Revised piping layout
 - c. Added differential pressure sensors.
- Change 54:** M4.4A – Bldg. A Fourth Floor Mechanical Plan
 - a. Revised key notes
- Change 55:** M4.5A – Bldg. A Fifth Floor Mechanical Plan
 - a. Revised key notes
- Change 56:** M4.6A – Bldg. A Sixth Floor Mechanical Plan
 - a. Revised key notes

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 57:** M4.7A – Bldg. A Seventh Floor HVAC Plan
- a. Revised key notes
 - b. Added missing existing equipment and ductwork.
- Change 58:** M4.8A – Bldg. A Mechanical Roof Plan
- a. Added existing roof equipment to be incorporated in BAS
- Change 59:** M5.0 – Bldg. A Basement Enlarged Mechanical Piping Demolition Plan
- a. Revised key notes
 - b. Added missing pipe sizes
- Change 60:** M5.1 – Bldg. D First Floor Mechanical Room Piping Demolition Plan
- a. Revised extend of demolition of existing pipes
- Change 61:** M6.0 – Bldg. A Basement Enlarged Mechanical Piping Plan
- a. Revised key notes
 - b. Revised chiller piping layout
- Change 62:** M6.1 – Bldg. D First Floor Mechanical Room Piping Plan
- a. Revised key notes
 - b. Added packaged heat exchanger
 - c. Revised piping layout.
- Change 63:** M7.0 – Bldg. D Hot Water Riser Diagram
- a. Revised heat exchanger piping
- Change 64:** M8.0 – Mechanical Schedules
- a. Revised all the schedules on this sheet.
- Change 65:** M8.1 – Mechanical Schedules
- a. Revised all the schedules on this sheet.
- Change 66:** M8.2 – Mechanical Schedules
- a. Revised all the schedules on this sheet.
- Change 67:** M9.0 – Mechanical Details
- a. Added vertical split case pump detail.
- Change 68:** M9.1 – Mechanical Details
- a. Revised steam/hot water heat exchanger detail.
 - b. Revised steam preheat coil detail
 - c. Revised cooling tower support detail.
- Change 69:** M9.2 – Mechanical Details
- a. Revised all the details on this sheet.
- Change 70:** M9.3 – Mechanical Details
- a. Revised all the details on this sheet.

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 71:** M9.4 – Mechanical Details
a. New sheet added
- Change 72:** M10.1 – Temperature Controls
a. Revised differential pressure transmitter diagram
- Change 73:** M10.2 – Temperature Controls
a. Revised BAS network architecture diagram
- Change 74:** M10.3 – Temperature Controls
a. Revised CHW diagram, points list, and notes
- Change 75:** M10.4 – Temperature Controls
a. Revised condenser water diagram points list, and notes
- Change 76:** M10.5 – Temperature Controls
a. Revised steam plant diagram, points list, and notes
- Change 77:** M10.6 – Temperature Controls
a. Revised HX-1 and HX-2 diagram, points list, and notes
- Change 78:** M10.7 – Temperature Controls
a. Revised HX-3 diagram, points list, and notes
- Change 79:** M10.8 – Temperature Controls
a. Revised S-1 and S-2 diagram, points list, and notes
- Change 80:** M10.9 – Temperature Controls
a. Revised S-7 and S-7 diagram, points list, and notes
- Change 81:** M10.10 – Temperature Controls
a. Revised S-3 diagram, points list, and notes
- Change 82:** M10.11 – Temperature Controls
a. Revised S-4 diagram, points list, and notes
- Change 83:** M10.12 – Temperature Controls
a. Revised S-5 diagram, points list, and notes
- Change 84:** M10.13 – Temperature Controls
a. Revised FCU diagram, points list, and notes
- Change 85:** M10.14 – Temperature Controls
a. Revised VAV box diagram, schedule, points list, and notes
- Change 86:** M10.15 – Temperature Controls
a. Revised fan powered box diagram, schedule, points list, and notes
- Change 87:** M10.16 – Temperature Controls
a. Revised fan powered box diagram, schedule, points list, and notes
- Change 88:** M10.17 – Temperature Controls

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 89:** a. Revised booster coil diagram, schedule, points list, and notes
M10.18 – Temperature Controls
- Change 90:** a. Revised exhaust fan diagram, schedule, points list, and notes
P0.0 – Plumbing Notes, Schedules, Symbols, and Abbreviations:
a. Plumbing Fixture Schedule revised for clarification.
b. Pipe Materials Schedule revised for clarification.
- Change 91:** P1.0A – Bldg A Basement Enlarged Plumbing Demolition Plan
a. Existing mechanical room plans shows more detail for clarification purposes.
b. Note added to replace damaged insulation.
- Change 92:** P1.0C – Bldg C Crawl Space Plumbing Demolition Plan
a. Existing 140□ HW pipe to be removed up to can washer in building,
b. Associated circuit setter to be relocated.
- Change 93:** P1.1D - Bldg D First Floor Plumbing Demolition Plan
a. Two notes revised for clarification.
- Change 94:** P1.2D - Bldg D Second Floor Plumbing Demolition Plan
a. One note revised for clarification.
- Change 95:** P2.0A - Bldg A Basement Enlarged Floor Plumbing Plan
a. HWR pump to be rebalanced.
b. 3" check valve to be added to existing piping.
c. Damaged piping insulation to be replaced with new.
- Change 96:** P2.1D - Bldg D First Floor Plumbing Plan
a. Gas kill switch added.
b. Circuit setter relocated.
c. Note added to provide PVC jacket on all exposed water piping.
- Change 97:** P2.2D - Bldg D Second Floor Plumbing Plan
a. One note revised for clarification.
- Change 98:** P3.0 – Plumbing Riser Diagrams
a. Plumbing riser diagrams added.
- Change 99:** E0.0 – Electrical Symbols, Abbreviations, and Notes
a. General note 30 was added regarding Alternate No. 1 scope.
b. Added Fire Alarm General Notes.
- Change 100:** E2.0A – Bldg A Basement Floor Electrical Power Plan
a. Added Data Outlet for BAS in Building Engineer's Office.
- Change 101:** E2.1A – Bldg A First Floor Electrical Lighting Plan
a. Added sheet note to clarify lighting controls information.

PUBLIC BUILDING COMMISSION OF CHICAGO

- Change 102:** E2.1D – Bldg D First Floor Electrical Power Plan
- Added connection for Gas Shut off solenoid valve.
 - Added power connection to FCU-D1.
 - Removed Power for CUH-1.
 - Updated Panel Notes for new panels LP-1G and PP-1A in Mech Room.
- Change 103:** E2.2D – Bldg D Second Floor Electrical Power Plan
- Added note to refer to panel schedule on E5.0 for panel PP-2A.
- Change 104:** E2.4D – Bldg D Roof Electrical Lighting Plan
- Adjusted location of Combination VFD/Disconnect switch.
- Change 105:** E3.1D – Bldg D First Floor Electrical Lighting Plan
- Revised emergency lighting layout.
 - Revised exit sign layout.
 - Revised emergency panel name.
 - Keyed note 7 was added regarding control of exterior lighting from Phase 1.
 - Keyed note 8 was added regarding mounting of exterior photocell.
 - Revised lighting layout, types and quantity in corridor/cafeteria southeast corner to coordinate with ceiling changes.
- Change 106:** E3.2D – Bldg D Second Floor Electrical Lighting Plan
- Revised emergency lighting layout.
 - Revised exit sign layout.
- Change 107:** E4.0 – Electrical Riser Diagram
- Updated notes for rotating beacon
 - Added scope to connect wires from 2013 FACP to 1967 FACP and provide all additional equipment, wiring, etc. to send trouble signal to 2013 if 1967 is in alarm and to receive a trouble signal from 2013.
- Change 108:** E4.1 – Lighting Controls Details, Diagrams and Schedules
- Added multiple names to the lighting fixture schedule.
 - Added connection for exterior photocell to the lighting controls diagram for connection to Phase 1 exterior lighting.
 - Added matrix indicating electrical scope for Alternate No. 1 including lighting fixture changes, control changes and power changes.
- Change 109:** E4.2 – Lighting Controls Details, Diagrams and Schedules
- Revised spare relay to control exterior lighting provided in Phase 1.
- Change 110:** E5.0 – Electrical Schedules
- Updated motor schedule per mechanical changes.
 - Added panel schedule for PP-1A.

PUBLIC BUILDING COMMISSION OF CHICAGO

- c. Added panel schedule for PP-2A.

List of Attachments:

SPECIFICATIONS:

Spec. No.	Title	Date	
00 01 10	TABLE OF CONTENTS	06/11/13	
01 14 11	Construction Operations Plan	06/11/13	
08 71 00	Door Hardware	06/11/13	
12 48 13	Entrance Floor Mats	06/11/13	
23 05 23	General-Duty Valves For HVAC Piping	06/11/13	
23 07 00	HVAC Insulation	06/11/13	
23 09 21	Building Automation System Basic Materials	06/11/13	
23 09 26	Building Automation System Sequence of Operation	06/11/13	
23 22 13	Steam And Condensate Heating Piping	06/11/13	
23 25 00	HVAC Water Treatment	06/11/13	
23 31 13	Metal Ducts	06/11/13	
23 33 00	Air Duct Accessories	06/11/13	
23 36 00	Air Terminal Units	06/11/13	
23 51 00	Breechings Chimneys And Stacks	06/11/13	
23 82 19	Fan Coil Units	06/11/13	
26 09 22	Lighting Controls	06/11/13	
26 09 23	Lighting Control Devices	06/11/13	
26 51 00	Interior Lighting	06/11/13	

DRAWINGS:

Document Control List: Attached, dated June 11, 2013

END OF ADDENDUM NO.2