

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

**ADDENDUM NO. 02 TO CONTRACT NO. 1523
FOR
COLLINS CAMPUS RENOVATION
1313 S. SACRAMENTO DRIVE
PROJECT #05802**

DATE: January 24, 2011

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to BOOK 3 - TECHNICAL SPECIFICATIONS:

		Revised Section Included (Y/N)
The following Specification Sections are revised as follows:		
Change 1:	I. 00000 Book 3 Cover A. Revise Contract number from "PS1799D" to "1523"	Y
Change 2:	II. 01771 Final Cleaning A. Revise 3.1 C, Deleted "...in accordance with 02315" and replaced with "...properly in accordance with all specifications and regulations."	N
Change 3:	III. 02010 Summary of Existing Site Conditions A. REPLACE Section in entirety	Y
Change 4:	IV. 02300 Earthwork A. Revise 1.4.A.2 to read "Additional test borings and other exploratory operations may be made by the Contractor at no cost to the Owner. All imported backfill material submittals must be approved in accordance with Section 02318."	N
Change 5:	V. 11062 Stage Rigging A. Revise 2.09 K to add the following acceptable Winch Machine manufacturer: "Daktronics Vortek". Note: Daktronics Vortek is not relieved from requirements for an electro mechanical secondary brake, the indicated control station layout, control station presets and four hard struck limit switches.	N
Change 6:	VI. 11970 Integrated Audio and Video Video Equipment A. Add 2.2 E to read "Floorbox VGA Line Driver / Extenders" B. Add 2.2 E 1 to read "Provide one of the follow options for VGA video signal and audio transport from the stage floorboxes to the video switcher in the booth equipment rack." C. Add 2.2 E 1 a to read "Option 1: Provide a panel mount VGA and audio line driver that connects to (5) coaxial video cables on its output to transport the video signal to the booth. Audio shall be balanced and transported over shielded line level cable to the booth equipment rack." D. Add 2.2 E 1 b to read "Option 2: Provide a panel mount VGA and audio CAT5 Extender transmitter that carries both audio and video"	N

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

materials over CAT5 to a Receiver located in the booth equipment rack."

- E. Add 2.2 E 2 to read "Refer to equipment list below for detail of specific device options."
- F. Add 2.2 E 3 to read "Provide a minimum of (2) CAT5e cable runs to each floorbox and rack location if option 2 is selected for future expansion"

CHANGES TO DRAWINGS:

		Revised Drwg Included (Y/N)
The following Drawing Sheets are revised as follows:		
Change 7:	VII. Sheet AB.01 ASBESTOS ABATEMENT PLAN	Y
	A. Gross Removal and Disposal of Electric Kiln as asbestos deleted from scope. Interior lining tested negative for asbestos. Removal of Kiln still required per architectural scope of work	
Change 8:	VIII. Sheet AS1.1 ARCHITECTURAL SITE PLAN	N
	A. Note added to Hatch on North Lawndale Roof Deck "LINE OF ROOF DECK BELOW."	
	B. Note added to North Lawndale Entrance Plaza reading "DURING CONSTRUCTION, LIVE LOAD ON ROOF DECK NOT TO EXCEED 100 PSF."	
Change 9:	IX. Sheet AD1.1B BUILDING B FIRST FLOOR LEVEL DEMOLITION PLAN	N
	A. Changed Architectural Demolition Note 26 From "REMOVE AND SALVAGE ALL EXISTING WINDOW A/C UNITS. STORE IN SAFE REMOTE LOCATION FOR OWNER, TYPICAL." To "NOT USED"	
	B. In Architectural Demolition Note 29, Inserted "AS NOTED IN MECHANICAL DRAWINGS" after "...AND COVERS"	
	C. In Architectural Demolition Note 30, Inserted "AS NOTED BY LOCATIONS ON DRAWINGS" after "...AND ADHESIVES "	
	D. Changed Architectural Demolition Note 33 From "REMOVE EXISTING COATING FINISH SYSTEM ON EXPOSED CONCRETE STRUCTURE." To "NOT USED".	
	E. Changed Architectural Demolition Note 36 From "CONTRACTOR SHALL REMOVE AND REPLACE ALL WALL BASE TILE TO MATCH EXISTING. CLEAN AND PREP THE SUBSTRATE TO RECEIVE NEW WALL" To "NOT USED".	
	F. Added hatch representing work associated with Architectural Demolition Keynote AD2.9 covering already noted area of terrazzo removal in the Corridor below Column line L and left of Column line 2.9.	
Change 10:	X. Sheet AD1.1C BUILDING C NATATORIUM DEMOLITION PLANS AND ELEVATION	N
	A. See Change 12, A-E	
	B. In Architectural Demolition Keynote AD2.25, Inserted "IN PLACE AND/OR STORE" after "...SHALL PROTECT"	
	C. Added Architectural Demolition Keynote AD2.27, Which reads	

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

"CONTRACTOR SHALL REMOVE AND REPLACE ALL WALL BASE TILE IN THE NATATORIUM TO MATCH EXISTING. CLEAN AND PREP THE SUBSTRATE TO RECEIVE NEW WALL TILE"

- D. Added Architectural Demolition Keynote AD2.27, Which reads "CONTRACTOR SHALL REMOVE AND REPLACE ALL WALL BASE TILE IN THE NATATORIUM TO MATCH EXISTING. CLEAN AND PREP THE SUBSTRATE TO RECEIVE NEW WALL TILE"
- E. Added Keynote Symbol AD2.27 to Detail 1, DEMO – FIRST FLOOR LEVEL PLAN BUILDING C on the Natatorium Deck.

Change 11:	<ul style="list-style-type: none"> XI. Sheet AD2.1B BUILDING B FIRST FLOOR REFLECTED CEILING DEMOLITION PLAN <ul style="list-style-type: none"> A. See Change 12, A-E B. Added keynote AD2.22 which reads "REMOVE SKYLIGHT COVERS" C. Replaced (4) keynote AD2.7 symbol's with (4) keynote AD2.22 symbol's in Auditorium Lobby 131A. 	N
Change 12:	<ul style="list-style-type: none"> XII. Sheet A1.1B BUILDING B FLOOR PLANS <ul style="list-style-type: none"> A. In Plan Keynote A9.10, Inserted "AS NEEDED, SPECIFICALLY AROUND DOORS/FRAMES THAT WERE REMOVED, WALLS THAT WERE REMOVED, AND LOCKERS THAT WERE REMOVED" after "...PATCH WALL" B. Added keynote A9.10 symbol to multiple locations, see attached revised drawing. 	Y
Change 13:	<ul style="list-style-type: none"> XIII. Sheet A1.2BC BLDG B AUDITORIUM MEZZANINE PLAN & BUILDING C NATATORIUM FLOOR PLANS <ul style="list-style-type: none"> A. See Change 15, A. B. Added Plan Keynote A9.12 which reads "REPLACE ALL REMOVED WALL BASE TILE IN THE NATATORIUM WITH NEW WALL BASE TILE TO MATCH EXISTING." C. Added Keynote A9.10 symbol to Detail 2 BUILDING C NATATORIUM LOWER LEVEL PLAN by door number C-01. D. Added Keynote A9.12 symbol to Detail 1 BUILDING C NATATORIUM FIRST FLOOR LEVEL PLAN in Natatorium C-11. 	N
Change 14:	<ul style="list-style-type: none"> XIV. Sheet A4.1 MISCELLANEOUS BUILDING ELEVATIONS AND SECTIONS <ul style="list-style-type: none"> A. Added 16"W x 15"H Acoustical Wall Panel in Section 5 BUILDING B CROSS SECTION THROUGH AUDITORIUM to match location note in Auditorium cheek walls by note A9.7 on A1.1B. 	N
Change 15:	<ul style="list-style-type: none"> XV. Sheet A8.3 BUILDING B ENLARGED INTERIOR PLANS AND ELEVATIONS <ul style="list-style-type: none"> A. DETAIL 3, Changed window tag from 'D' to 'E' See attached revised sheet A12.1. 	N
Change 16:	<ul style="list-style-type: none"> XVI. Sheet A8.4 BUILDING B ENLARGED INTERIOR PLANS AND ELEVATIONS <ul style="list-style-type: none"> A. DETAIL 8, Changed the window to the far right of the drawing to a 6' by 4' slider with window tag 'D' and added note to reference Display Case Detail 2A10.1. See attached revised sheet A12.1. 	N
Change 17:	<ul style="list-style-type: none"> XVII. Sheet A8.5 BUILDING B ENLARGED INTERIOR PLANS AND 	N

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

ELEVATIONS

- Change 18:** XVIII. Sheet A12.1 DOOR/OPENING SCHEDULES AND DETAILS Y
- A. DETAIL 13, Changed window tag from 'D' to 'E' See attached revised sheet A12.1.
 - A. DETAILS 2&4, Deleted "Aluminum" and Inserted "Hollow Metal"
 - B. DETAILS 3&5, Deleted "Aluminum" and Inserted "Hollow"
 - C. DETAIL 1, Changed Title from "...Curtain Wall Types" to "...Window Wall Types"
 - D. DOOR TYPES, Dimensioned all glazing areas to be 6" x 36" in door types DBL-2, SGL-2, and SGL-3
 - E. DOOR TYPES, Added note to all glazing in door types DBL-2, SGL-2, and SGL-3 that reads "Tempered Glazing"
 - F. DOOR SCHEDULE: For Door numbers 133, 134-1, 136-1, changed 7'-4" to 7'-0", filled in DOOR MATERIAL column with "HM", added to REMARKS column "C Label, 1HR"
 - G. DOOR SCHEDULE: For Door numbers 130-1, 136-2, 136B, 140 A-1, 140 A-2, 140-1, 140B, 140C, 140D, and 148 changed HEIGHT from 7'-4" to 7'-0", filled in DOOR MATERIAL column with "HM"
 - H. DOOR SCHEDULE: For Door numbers 137 changed HEIGHT from 7'-4" to 7'-0", added to REMARKS column "C Label, 1HR"
 - I. DOOR SCHEDULE: For Door numbers 132A, 132B, 134-2, 134B, 136A, 140E, 140F, 144B, 144C, and 146A, 156 C-1, 156 C-2, C-01, and C-02 changed HEIGHT from 7'-4" to 7'-0"
 - J. DOOR SCHEDULE: For Door numbers 130-2, 130-3, 130A, 130C, 144A, and 148A filled in DOOR MATERIAL column with "HM"
 - K. DOOR SCHEDULE: For Door numbers 132 filled in DOOR MATERIAL column with "HM", added to REMARKS column "C Label, 1HR"
 - L. DOOR SCHEDULE: For Door number 140-2, changed HEIGHT from 7'-1 3/8" to 7' 6 7/8", changed THICKNESS from 1" to 1 3/4", Changed DOOR MATERIAL from "Curtain Wall" to "Window Wall", Changed FRAME TYPE to N/A, Changed FRAME MATERIAL to N/A, added to REMARKS column "See Detail 1, Type F, This Sheet"
 - M. WINDOW TYPES: Added note "Joins Door Frame Type 2" to right side of window type A.
 - N. WINDOW TYPES: Changed window type D to be labeled as window type E
 - O. WINDOW TYPES: Added 4'x6' Slider window type D.
 - P. FRAME TYPES: Added section markers
 - Q. Added door head and jamb details 6, 7, 8, and 9. See attached revised sheet A12.1.
- Change 19:** XIX. Sheet A13.1 FINISH SCHEDULES PLANS AND DETAILS N
- A. MATERIAL KEY: Changed RT-1 RESILIENT FLOOR TILE From "ARMSTRONG, EXCELON MULTI-COLOR, COASTER GREIGE 52525" to "ARMSTRONG, EXCELON MULTI-COLOR, PIE CAR GREIGE 52515"
 - B. MATERIAL KEY: Changed RT-2 RESILIENT FLOOR TILE From "ARMSTRONG, STONETEX, PUMICE STONE 52147" to "ARMSTRONG, STANDARD EXCELON, CHOCOLATE 57504"

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

Change 20:	XX. Sheet PD1.1B Building B First Floor Plumbing Demo Plan A. Added note to Demo (2) existing counter mount sinks and (1) hand sink in Computer Lab 146. Cap sanitary piping below finished floor.	N
Change 21:	XXI. Sheet TH1.3 THEATRE EQUIPMENT RIGGING DETAILS AND SCHEDULES. A. Revise the Detail C1 Title to "TRACK SCHEDULE" B. Detail A1, LINESET SCHEDULE. Clarification for linesets 4, 8 and 12: The hoist capacity shall not be reduced by the self-weight of fixed equipment such as the plug strip, battens and cable management.	N
Change 22:	XXII. Sheet TH2.4 THEATRE EQUIPMENT SCHEDULES A. Revise the following in Schedule D4 LIGHT FIXTURE SCHEDULE (FIXED LIGHTING): Change the Type T-H on the line below Type "T-T" to Type "T-T1"; Description: Track Head; Mounting: Surface; Lamp Type: Quartz; Voltage: 120V; Lamp Wattage: 75W R30; Total Watts: 75W	N
Change 23:	XXIII. Sheet AV32 Loudspeaker Details A. Detail 3 Section 1 and 2: Add a diagonal wood kicker support under blocking, every 16 inches for the entire length of the stage lip loudspeaker chain, attach mesh or perforated material to supports for the entire length.	N

QUESTIONS & ANSWERS:

Q1. 1/12/2011:

Drawing A12.1 shows elevations of new window types A, B, C and D. Note 2 beneath these elevations calls for "All Frames Hollow Metal – Ref. Door Frame Specification"; however section details 2, 3, 4 & 5 call for these frames to be aluminum. Which is correct?

A1. Notes in Details 2, 3, 4, and 5 changed per addendum 2 to read "hollow metal".

Q2. The Door Schedule on Drawing A12.1 does not list door material for many of the door openings. Please provide this information

Door C-01 is listed as an FRP door with a fiberglass resin transfer molded frame; however we do not have a specification section for this sort of door and frame assembly. Please provide.

Door 140-2 is listed as a curtain wall door, but the frame is listed as hollow metal. Please confirm that this door is going into aluminum window type F as shown in elevation on A12.1.

A2. All empty cells in the Door Material Column should be filled in with HM (updated in addendum 2)

See spec section 08110 Article 2.7 as noted in the Remarks column for that door

Confirmed. Frame material updated in Addendum 2

Q3. Section 02010 states that the Environmental Summary is for information purposes only and no work is associated with this section. Section 02131 and 02132 states the Environmental Work is part of the scope of work. We can't bid the Environmental Work without the Environmental Asbestos and Lead Survey identified in Section 02010. Please advise if Environmental Work is part of our scope of work. If so, please provide Environmental Surveys.

A3. Section 02010 is "informational" specification, therefore, no scope is detailed in this specific Section. Environmental scope included in the project is detailed on Sheet AB.01 Asbestos Abatement Plan and RD.01 Environmental Plan. Specifications for the scope of work outlined on these sheets is also presented in Specification Sections 02089, 02131, 02132, 02133, 02136, 02316, 02317, and 02318.

Q4. AD1.1B, A1.1B and PD1.1B

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

- Plumbing drawing not picking up the demolition of all the existing fixtures and piping in Room 146.
- A4.** Demo (2) existing counter mount sinks and (1) hand sink. Remove water piping back to wall and cap. Cap sanitary piping below finished floor. Refer to architectural for countertop scope.
- Q5.** 1/13/11:
- Details 1 & 2 on sheet S1.4 indicate keynote 15 at the East stair. Keynote 15 reads, "East stair concrete tread repair; replace / repair handrail." What type of handrail currently exists at this stair? How much of the existing handrail needs to be replaced / repaired?
 - A note on sheet S1.1 says to refer to Mechanical drawings for roof infill patching. Detail 2 on sheet S1.1 indicates new penetrations in the roof. Are there any new roof penetrations? Please clarify locations and sizes.
- A5.**
- The current handrail is a steel pipe railing that is very corroded. The entire railing will need to be repaired or replaced.
 - There is a new return opening above the Media Center. The size of the new return duct is 73 3/16"x19 5/16". The existing return opening is also located above the Media Center and will be in-filled. The size of the existing opening is approximately 5'x3' based on the original drawings.
- Q6.**
- Drawing A1.1B shows Keynote A9.7 in the Auditorium. Can you please provide elevations showing the wall panels?
- A6.** Acoustical Wall Panel at these two locations will be 16'W x 15'H
- Q7.** 1/20/11;
- 1) Is there an Environmental report available, to assist in bidding the abatement work?
 - 2) It seems that a Soil report is in the works; can you confirm if it will be available prior to bid time, to assist in bidding for site & landscaping work?
 - 3) Can you release any plans documenting current site utilities in the future area of work?
 - 4) Is the roof on Building B still under warranty? If so, do you have contact information for the guarantor?
 - 5) Can you please provide detail on the existing structure in areas of future work (i.e. in the area to receive RTU-13)?
- A7.**
- 1) Environmental reports referenced in Section 02010 and listed below are included in Addendum. Reports are for reference only. Any quantities presented in reports are estimates only. Contractor shall be responsible for determining all quantities based upon scope of work defined in contract drawings and specifications.
 - A.** Electromagnetic Survey, prepared by Camow Conibear, dated January 21, 2011.
 - B.** Historical Environmental Review, prepared by Carnow Conibear & Assoc. Ltd. (Carnow Conibear), dated January 21, 2011.
 - C.** Hazardous Material Survey, prepared by Carnow Conibear, dated January 21, 2011.
 - D.** Limited Asbestos Survey – August, prepared by Carnow Conibear, dated January 21, 2011.
 - E.** Limited Lead-Based Paint Assessment – September, prepared by Carnow Conibear, dated January 21, 2011.
 - F.** Limited Asbestos Survey - October, prepared by Carnow Conibear, January 21,

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

2011.

- G.** Limited Lead-Based Paint Assessment - October, prepared by Carnow Conibear, dated January 21, 2011.
 - H.** Summary of PCB Wipe Sampling, prepared by Carnow Conibear, dated January 21, 2011.
 - I.** Limited Asbestos Survey – December, prepared by Carnow Conibear, dated January 21, 2011.
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- Q8.** Environmental drawings do not indicate if mastic of carpeted rooms to be demolished (music room & band room) have been tested. Please advise if the environmental scope as shown on AB.01 is the entire scope?
 - A8.** a) Carpet mastic was tested and does not contain asbestos. b) AB.01 and RD.01 present environmental scopes of work.
 - Q9.** This email is in regards to the bid announcement for Collins High School contract #1523. I was wondering if athletic lighting would be included in the scope of the project.
 - A9.** Small Gym athletic lighting shall be included in the scope and work will be performed under phase#2.
 - Q10.** 1. On drawings AD1.1B through AD2.1B the following notes are included: Note 33. Remove existing coating finish system on exposed concrete structure. Where does this occur? Are there elevations? What is the material we are removing and how are we to remove it? Note 36. Contractor shall remove and replace all wall base tile to match existing. Clean and prep the substrate to receive new wall tile. Please provide quantity or the location(s) to receive new wall tile and ceramic base. The only ceramic tile I can find is per KN 9.8 on the Architectural drawings. Please clarify.
2. Please provide specifications for the acoustical wall panels.
 - A10.** 1. Note:"Remove existing coating finish system on exposed concrete structure" should be removed from this sheet.
The ceramic tile note references the Natatorium - entire pool deck area.
2. See specification section 13088 for acoustic wall panel details

ATTACHMENTS:

- Drawings**
 - 1) SHEET AB.01 ASBESTOS ABATEMENT PLAN
 - 2) SHEET A1.1B BUILDING B FLOOR PLANS
 - 3) SHEET A12.1 DOOR/OPENING SCHEDULES AND DETAILS
- Specifications**
 - 1) 00000 BOOK 3 COVER
 - 2) 02010 SUMMARY OF EXISTING SITE CONDITIONS
- Other**
 - 1) Collins Campus PCB Sampling Summary
 - 2) Collins Campus LBP Assessment September
 - 3) Collins Campus LBP Assessment October
 - 4) Collins Campus Limited Asbestos Survey August
 - 5) Collins Campus Limited Asbestos Survey October

**PUBLIC BUILDING COMMISSION OF CHICAGO
COLLINS CAMPUS RENOVATION**

- 6) Collins Campus Limited Asbestos Survey December
- 7) Collins Campus Magnetic Survey Final
- 8) Collins Campus Hazardous Materials Survey Final
- 9) Collins Campus Historical Review Final

END OF ADDENDUM NO.2