

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO.02 TO CONTRACT NO. 1496

**For
Little Village Branch Library
2311 South Kedzie
NEW CONSTRUCTION**

DATE: November 3, 2009

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 3A and 3B: TECHNICAL SPECIFICATIONS:

- Change 1: Delete the following specification sections in their entirety: 01320; 01510; 01700; 01770; 01781; 1782; 01820,
- Change 2: Delete the following specification sections in their entirety: 17110, 17115, 17120, 17125, 17130, 17135, 17140, 17145, 17148, 17150, 17155, 17160, and 17165. These changes are related to Changes in the BAS system.
- Change 3: Add the Below Listed specification Sections:
1. Section 17800 – Integrated Automation Systems (IAS) General
 2. Section 17810 – Common Work Results for System Integrator
 3. Section 17815 – Common Work Results for Network Integrator
 4. Section 17820 – Commissioning of Integrated Systems
 5. Section 17825 – Commissioning of Integrated Automation
 6. Section 17830 – Integrated Automation Materials, I/O Devices, and Sensors
 7. Section 17835 – Integrated Automation Network Electronics
 8. Section 17840 – Third Party Interfaces for Integrated Automation
 9. Section 17850 – IAS Field Panels
 10. Section 17855 – IAS Network Panels
 11. Section 17860 – IAS Software and Programming
 12. Section 17865 – IAS Network Software and Programming
 13. Section 17870 – System Operation and Maintenance Manuals
 14. Section 17875 – IAS Network Operation and Maintenance Manuals
 15. Section 17885 – Integrated Automation Training Requirements
 16. Section 17890 – Sequence of Operation for Integrated Automation
- These changes are related to Changes in the BAS/IAS system.
- Change 4: Delete Specification Sections; 01100; 01310; 01400; 01500; 01600; and 01732 marked "Project Rev E_10/12/09" and add Specification Sections 01100; 01310; 01400; 01500; 01600; and 01732 marked "Project Rev F_10/30/09" and attached below.
- Change 5: Reference Specification Section 01352: Delete Specification Section 01352 and "LEED –BDC (NC) Version 3 -2009 Registered Score Card, dated 8/14/09, and add revised Specification Section "LEED –BDC (NC) Version 3 -2009 Registered Score Card, dated 10/30/09, copies attached.,

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- Change 6: Add to Spec Section 01810 3.3 C:
18. Maintain hard copy of PFC checklists completed by subcontractors on-site for CA review during periodic site visits.
 19. With Subcontractors, submit copies of the pre-functional checklists to the CA for review periodically during the equipment/systems installations to allow the CA to track the progress of the PFC completion. The "in-progress" PFC checklists shall be submitted to the CA via e-mail in electronic format (scanned Adobe PDF file of the hard copy PFC checklist kept on-site by the GC).
- Change 7: Add to Spec Section 01810 3.3 D:
16. With GC, submit copies of the pre-functional checklists to the CA for review periodically during the equipment/systems installations to allow the CA to track the progress of the PFC completion. The "in-progress" PFC checklists shall be submitted to the CA via e-mail in electronic format (scanned Adobe PDF file of the hard copy PFC checklist kept on-site by the GC).
 17. Provide necessary personnel to assist CA (e.g. remove FCU covers, open electrical panel covers, etc.) with sample verification of subcontractor completed pre-functional checklists.
- Change 8: Add to Spec Section 01810 3.3 E:
13. With GC, submit copies of the pre-functional checklists to the CA for review periodically during the equipment/systems installations to allow the CA to track the progress of the PFC completion. The "in-progress" PFC checklists shall be submitted to the CA via e-mail in electronic format (scanned Adobe PDF file of the hard copy PFC checklist kept on-site by the GC).
- Change 9: Add to Spec Section 01810 3.6:
- H. The GC will maintain a single "master" hard copy of the PFC checklists executed by the subcontractors on-site for CA review during periodic site visits.
 - I. The GC/Sub-contractors shall submit copies of the pre-functional checklists to the CA for review periodically during the equipment/systems installations to allow the CA to track the progress of the PFC completion by the sub-contractors. The "in-progress" PFC checklists shall be submitted to the CA via e-mail in electronic format (scanned Adobe PDF file of the hard copy PFC checklist kept on-site by the GC). The "in-progress" PFC checklists will be submitted to the CA per the following schedule:
 1. The initial in-progress PFC checklist will be submitted when the equipment is installed or set in place.
 2. Subsequent in-progress PFC checklist submittals will be made monthly and will include the updated PFC checklists as well as any new PFC checklists added in that timeframe.
 3. Submittal frequency will increase to bi-weekly or weekly as directed by the CA when equipment start-up begins.
- Change 10: Add to Specification Section 02513 the following subparagraph 3.9F
- 3.9F Planter Curb: Rubbed Finish: Apply the following to smooth-formed finished as-cast concrete where indicated:
1. Smooth-Rubbed Finish: Not later than one day after form removal, moisten concrete surfaces and rub with carborundum brick or another abrasive until producing a uniform color and texture.
- Change 11: Delete Spec Section 04810, Part 2.4 C 9
Add Spec Section 04810, Part 2.4 C9:
9. Color and Texture (contingent upon complying with all other aspects of the contract):
 - a. Taylor:" Color 1 - #1-09 N Pink Smooth Iron spot; Color 2 - #1-01B Buff Smooth Iron spot

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- b. Interstate: Color 1 – Ochre Buff L-4 Matte; Color 2 – Desert Sand L-4 Matte
- c. Sioux City: Color 1 - Monterey Iron spot Smooth; Color 2 – Clear Buff Velour
- d. Glen-Gery: Color 1 – Tuscan Series Porte Liberte Smooth; Color 2 – Tuscan Series Golden Dawn Smooth

- Change 12: Delete Specification Section 07191 1.6 A.1. and add the following: 1. Quantity: Furnish an additional four (4) one-gallon containers of Graffiti Removal Product, delivered in properly labeled containers, stored where directed by Owner.
- Change 13: Delete Specification Section 08716 2.4 A. and add the following: A. Standard: Comply with BHMA A156.19.
- Change 14: Delete Specification Section 09652 2.2 e. in its entirety.
- Change 15: Reference Specification Section 09652, add the following to subsection 2.1 A.: 3. Rubberflex.
- Change 16: Delete Specification Section 10265 2.4 in its entirety
- Change 17: Delete Specification Section 10265 3.3B in its entirety
- Change 18: Reference Specification Section 10200: Delete the phrase “(and Seismic)” from subparagraphs 1.4E
- Change 19: Delete Specification Section 10350, sub paragraph 2.2 b and replace with: B. Exposed Height: See drawings.
- Change 20: Delete Specification Section 10650 F.1. in its entirety
- Change 21: Reference Specification Section 12494. Delete all references to double roller shades.
- Change 22: Reference Specification Section 07561 Add the following to 1.1B: 7. Division 2 Section “Extensive Green Roof System” for items installed with work in this section and warranted under this section.
- Change 23: Reference Specification Section 02300: Subparagraph 1.4.H.1.a. “Settlement Monitoring”. was added. Entire specification section is included in this addendum
- Change 24: Delete Spec Section 02350 2.1 A. Add: Paver shall be Eco-Priora as manufactured by Unilock (1-800-864-5625) or approved equal. Color to be Chardonnay Tan; finish to be Series 3000.
- Change 25: Delete Spec Section 02350 2.3. Add: Aggregate Base Course: IDOT approved CA-7 stone. Drainage Layer: IDOT approved CA-1 stone. Bedding Aggregate and Permeable Paver Infill: IDOT approved granite chips, size ASTM #8 stone. It shall be free of organics, soluble salts, or other contaminants likely to cause efflorescence.
- Change 26: Delete Spec Section 02930 3.5 E. Add: Contractor must continue to provide continued maintenance to plantings following completion of all Contract Work, and for two years from the date of the Project Acceptance.
- Change 27: Delete Spec Section 02930 3.7 A, B,C, D, E, F, G, H, I, J. Add: See Specification 07561 Section 1.7 for Green Roof Warranty.
- Change 28: Delete Spec Section 02930 3.8 A. Add: Plants which die or require replacement for other reasons during two-year warranty period must be replaced as soon as possible during following acceptable planting seasons:

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- Change 29: Delete Spec Section 02930 3.8 B. Add: Roof soil that does not conform to the environmental standards as detailed in specification Section 02930 Section B must be excavated and replaced with green roof soil that does at Contractor's expense.
- Change 30: Delete Spec Section 02901 2.1 B. Add: CU Soil must be prepared by Midwest Trading Horticultural Supplies, Inc., P.O. Box 1005, St. Charles, Illinois 60174, (847) 742-1840 or equal bearing similar soil manufacturing capability and licensed by Cornell University. Please contact Brian Kalter at Amereq for additional licensed distributors: (800) 832-8788.

Changes to Book 3C : INFORMATIONAL DOCUMENTS

- Change 1: Add the following to TOC -1: Geotechnical field reports covering the time of the site preparation work can be downloaded from the Cushing and Company Website.

QUESTIONS & ANSWERS:

Q1: The following clarifications are needed:

- Section 10265 specifies rub strips, corner guards, & impact-resistant wall covering. The only reference to any locations is a note on A13.1, which states "For walls, corners without millwork or furniture, apply corner guards and wall bumpers." Does this note apply to every room in the building? If not, please clarify the rooms where these products occur.
- The note on A13.1 refers to a wall bumper. Is this the specified rub strip? If not, please verify the model required at wall bumper locations, and verify rub strip locations.
- No locations are indicated for the specified impact-resistant wall covering. Is this product required, and if so where?

A1: Corner guards are only required at gypsum board walls. Wall bumpers are to be installed at the Book Truck area only, see Detail 10/A16.3. There is no impact resistant wall covering required for this project.

- Q2:
1. Spec section 10200 Louvers and Vents, 1.4 submittals, E calls to provide delegated design submittal indicated to comply with seismic performance requirements. However no seismic performance requirement information is found on the specification. Please confirm.
 2. Spec section 10350 Flagpoles, 2.2 flagpoles, B calls the exposed height to be 35 feet above base. Drawing AS4.1 detail 3 shows flag pole height to be 25 feet. Also, spec section 10350, 2.6, A.,1 calls for stain finish while same detail on the drawing calls for clear anodized one. Please confirm the height and finish of flag pole.
 3. Spec section 10651 Operable partition, 1.4 submittals, F calls to provide delegated design submittal for seismic restraints. No seismic performance requirement information is found on the specification. Please confirm.
 4. Spec section 12494 roller shades calls for manual roller shades and double roller shades. However, drawing A2.1 reflected ceiling plan and related section detail 1/A5.2 shows only single shade. Please confirm the existence of double roller shades and locations.
 5. Section 10265 specifies rub strips, corner guards, & impact-resistant wall covering. The only reference to any locations is a note on A13.1, which states "For walls, corners without millwork or furniture, apply corner

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guards and wall bumpers." Does this note apply to every room in the building? If not, please clarify the rooms where these products occur.

6. The note on A13.1 refers to a wall bumper. Is this the specified rub strip? If not, please verify the model required at wall bumper locations, and verify rub strip locations

A2: No seismic performance is required for any of the subject items. Flagpoles are to be 25' high with a natural satin finish to be approved by the architect. No double roller shades are required. See response to question 11 for the wall protection clarifications.

Q3: The Door Schedule on page A12.1 of the Drawings shows all of the wood doors to receive wood frames. Details H6 and J6 on this same page calls for all of the wood doors to be pre-hung doors in wood frames. None of the manufacturers listed in the wood door spec manufacturer pre-hung wood doors and frames. Is it acceptable to provide wood door leafs separate from the wood frames and field assemble these openings?

A3: See Specification Section 08211, subsection 3.2. Job fitted doors are allowed.

Q4: The geothermal well depth of 650', specified in the above mentioned projects far exceeds the Manufacturer's warranty for the well piping. The pipe is rated as follows:

- A) SDR 11, maximum of 160 p.s.i.
- B) SDR 9, maximum of 200 p.s.i.

You have specified SDR11, the p.s.i. at 650' depth exceeds 280 p.s.i., and that is without operating pressure which will add another 40-60 p.s.i. Installing either SDR11 or SDR 9 to 650' will void the 50 year manufacturer's warranty.

I am sure you will come across certain people who will tell you that there is outside ground water pressure acting on the pipe reducing the interior pressure. Although there is ground water pressure on the pipe it is **IMMEASURABLE**, and even if it were, I can guarantee that it would not negate the problem to bring it back into warranty. I have spoken with ISCO and Centennial Pipe, two of the largest manufacturers of geothermal pipe, and they have confirmed that the warranty will be void. RFI, Will the City of Chicago not require a warranty for all of the above projects, with regards to the geothermal well fields? As these projects are designed to exceed the pipe manufacturers warranty, and the operating parameters of the pipe.

A4: This question does not apply to this project.

Q5: Ornamental Metal Fence w/ Logo Panel Detail 7 on Drawing L2.4 calls for "All logo panels to be placed at areas adjacent entry and parking lots on the west building and parking lots"; however Detail 6 on Sheet L2.5 of the drawings states "All logo panels to be placed at areas adjacent to parking on the south and east side of parking lots." Landscape Site Plan L1.2 does not differentiate the locations of logo fence panels and non-logo fence panels. There will be a huge cost difference in these two fence types therefore it is very important that it is clear to all bidders where logo and non-logo fence panels are to be utilized. Please provide clarification as to where exactly we are to place logo fence panels, and where we are to use non-logo panels.

A5: Refer to Landscape drawings.

Q6: Please refer to specification section 09652 - Recycled Rubber Flooring, page 4. Part 2.1 E, says to provide sound deadening underlayment in all other areas. Are we to provide sound deadening underlayment under all of the rubber flooring except Circulation Desk 103 with is to receive the 1/2" anti - fatigue underlayment? If so please provide more information (i.e., MFR, size, product, etc).

A6: The sound deadening underlayment is not to be used.

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- Q7: 1. At the technical review, it was mentioned that the existing elevation of the ground is approximately 4 feet below which is the top of the caissons and bottom of the pile cap grade beam. The existing elevations shown are approximately 13.5± on sheets CS.0, THRU C3.0 with a proposed finish floor of 14.65. These drawings do not reflect that statement that the true existing grade of approximately 10.65 is correct. Please clarify. The site work contractors need to be able to calculate the correct amount of fill to import.
2. Is crushed concrete CA-6 and acceptable engineered fill or select material?
- A7: 1. As noted on sheet C0.0 "General Notes" number 1, the topographic survey used as a background and for design of civil works "does not represent recent site demolition and preparation scope of works." Please refer to site preparation as-builts, bottom and top of fill surveys.
2. No, crushed concrete is not acceptable.
- Q8: 1. Details 1, 2, & 3 on sheet A6.1 call for, "galvanized shelf angle bolted into grouted CMU – see structurals for sizing and location." The structural drawings do not indicate any shelf angles. What size is the shelf angle, where is it required, and how often is it required?
2. Detail 4 on sheet A6.4 calls for, "¼" aluminum column cover – finish same as all interior column covers." Detail 4 also references detail 8 on sheet A6.4 which indicates painted fiberglass reinforced gypsum column covers. Which is correct? If aluminum column covers are required, please provide locations.
3. Detail 2 on sheet A11.1 calls for a steel angle lintel at the literature rack & tack board in Lobby 101. Detail 2 on A11.1 also references detail 13 on A10.1, which shows a cast stone lintel. Are we to provide a cast stone lintel or a steel lintel at the literature rack?
4. Detail 9 on sheet A6.3 indicates, "structural steel tube and steel angles – see structural." The structural drawings do indicate the HSS16x8x5/16" tube at the clerestory, but there is no indication of a steel angle attached to the tube to support the light gauge overhang framing. Is this angle required? If so, what size is the angle?
5. Section 2 on sheet A5.1 is taken between columns 5 and 6 on the West elevation. Detail 2 indicates a steel grillage beam in wall cavity. The structural drawings do not indicate this beam. Is this detail correct?
6. There is no indication of a ladder for the roof hatch located in Janitor 126, is one required? If so, please provide details.
7. Detail 13 on sheet S3.1 shows the typical sunshade mounting detail: PL1/2x5x11" + HSS3-1/2"x2-1/2"x¼". Sunshade detail 2 on A6.4 indicates only painted angles to support the sunshades. Which is required?
8. Details H1 and H2 on sheet A12.1 indicate steel lintels at the exterior doors. The structural drawings only indicate stone lintels over the exterior doors (see lintel schedule on S3.1). Are steel lintels and stone lintels required at the doors? Please clarify.
9. Detail 16 on sheet A11.1 calls for 2x2x1/4" steel tube vertical bracing at the decorative glass divider panels at the Circulation Desk and the Registration Desk. What is the spacing required for these tubes?
- A8: 1. Omit galvanized shelf angle on details 1, 2 and 3 for sheet A6.1 – Drawing Change No 37
2. Column Cover in question is at windows, it is to match the window finish – Drawing Change No 14
3. Steel lintel is required at magazine rack - Drawing Change No 22
4. A galvanized 8x6x1/2 angle is included at the HSS16x8x5/16 tube at the clerestory - Drawing Change No 7

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5. See detail 5/S3.1 for grillage beam detail and "GB1" on S1.2 Main Roof Framing Plan
6. A floor supported ladder is required - Drawing Change No 3.
7. The structural Detail 3/S3.1 is required.
8. Cast Stone lintels are required - Drawing Change No 35.
9. 2'0" O.C.

Q9: Please refer to details 8&10/A8.1; both details say to paint the columns. If you refer details 2 & 3/A13.3 it says to apply WC - 2 to the columns. Which is correct. Please clarify.

A9: WC-2 is to be used. Drawing Change No's 18 & 19.

Q10: Solid Surface tops

1. The men's and women's restrooms are spec'd for Alkemi. There appears to be no color selection. Please specify.
2. On page A11.2 detail 3, the community room indicates a quartz top and a 1'-6" back splash. A13.3 detail 5 indicates an Alkemi top with a 4" backsplash. Please verify.

Doors/Frames/hardware

1. The door schedule identifies door #113A with hardware set#19. It appears that #4 or #4A would be accurate. Please verify.
2. The Door schedule identifies door #102A calls for hardware set #5. It appears that #20 would be accurate. Please verify.

A10: Solid Surface Tops

1. See Section 06402 -2.2 J for color selections
 2. Alkemi - Drawing Change No 24.
- Doors /Frames/Hardware
- 1 Refer to Drawing Change No 25
 - 2 Refer to Drawing Change No 25.

Q11: The CCTV Specification indicates that the controlling equipment is to be Analogue base and the specified cameras are IP based.

What is your intention of how these two different technologies are to be integrated? Is this CCTV system to be Analogue or IP based?

A11: The CCTV system is to be analogue based.

Q12: On sheet S1.1 there is a note #13 within the foundation plan at column line A & 4, as well, as at column 6.6 between columns line A & B. This note is not identified in the Foundation Notes below. Please clarify the direction that this notation should be describing,

A12: On sheet S1.1, the notes below the plan title are misnumbered due to a printing error. Note 12 should be note 13. Structural Drawing Change No 2.

Q13: Section 08716, Part I, 1.1 Section A, 1, calls out for low energy operators. No mention of high energy operators. Furthermore, these are push plate activated, not sensor activated which is typical of high energy. There is also no spec for safety sensors, which is required for high energy doors. However, Part II, products, it calls for overhead concealed operators, and elsewhere it specifies BHMA 0156.10, which is high-energy, and even calls for guide rails. Are we to quote low or high energy operators?

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Also, the exposed surface is to match the doors, and the door schedule indicates PVD finish. The specs for the operators don't call for any kind of paint. Are these operators to be painted? If so, what kind of paint? Or are they to be simply clear anodized?

A13: Low Energy Operators are required in accordance with BHMA 0156.19 – Technical Specification Change No. 13. Operators are to be concealed. .

Q14: Please advise if the letters in terrazzo flooring are either Zinc or brass?

Solid or Zinc/brass letters with Terrazzo infill?

A14: The terrazzo lettering is molded, cast and then set in place in the floor.

Q15: Has there been another source approved for CU Structural Soil other than Midwest Trading Horticultural Supplies, inc.?

A15: Specification section 02901-2.1C states that equivalents are allowed.

Q16: Per Division 17217.2.11 Cable Management System. Spec states subject to compliance with requirements, provide Cable Management product. Please verify that this system is required. Are Patch Cords required? Reference 17217.2.3.G
If Patch Cords are required, what is the size and quantities?
Per Division 16781- CCTV System and Components. What is the intent of the Multiplexer referenced in 16781.2.2.F? Could this be handled via networked software management system?

A16: Cable Management System outlined in section 2.11 is required for project. Patch cords are required for a complete and functional telecommunications system. Refer to specifications for patch cord size. Patch cord quantity to be determined from review of construction documents.

Q17: Per division 17310, PBX and VOICE Equipment, How Many phones are required?

A17: Phone handsets will be provided the Owner.

Q18: Lintels on Doors 113B, 115A, 119B, 121B, 122, 123, 124B are called out to be cast stone lintels on sheets S3.1 and S1.2.

Then referring to the door schedule (sheet A12.1) these doors have a head detail of H1 and H2. Both of these details show what appear to be steel angle lintels. Please advise to which detail to follow

Also referring to such details as 3/A6.1, the detail shows a steel shelf angle that looks to be a lintel in inside the wall cavity. The note also refers you back to the structurals where there is not a steel angle shown to be in the cavity of the wall. The lintels are cast stone per the structural details. Is this detail referring to another location?

A18: Lintels are intended to be cast stone – Drawing Change No. 37.

Q19: Please see question below regarding the above mentioned project.

Refer to spec Section 02350 – Permeable Pavers, the color of Unilock Eco-Priora is to be selected from standard range by the landscape architect, it does not stat what kind of style of finish is to be used. Please verify.

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A19: Series 3000

Q20: On sheet A 5.1 detail 1 notes the bottom of the high sunshade is 6'-8" AFF. There is not a specification in the project manual for the sunshade. Please clarify the finish color of the aluminum

A20: Match window finish.

Q21: 1. The plant count for the IV Ilex Verticillata appears to be wrong. Counting the actual symbols on the plan, the quantity appears to be 12 more than the plant list quantity.
2. For the Green Roof the plant size if called out as 4" with a root size of "plug" there is quite a bit of price difference between a 4" pot and a plug. Plugs are typically used on green roofs and would seem to be appropriate given the 4" depth of growing media.
3. The green roof plan seems to show edging between the blocks of plants. It really doesn't make sense to separate these plantings with a hard edge and would seem to be an unnecessary cost.

A21: 1. There are no such plants listed on the drawings
2. Plugs should be used.
3. The edging is required.

CHANGES TO DRAWINGS (All drawings dated 10/30/09 UNO)

Site Prep Drawings

Change 1: Reference "E-1 Bottom of Excavation" – prepared by Land Surveying Services, Inc., dated 10-28-09 revision 2, Additional sheet as listed above, was added to the contract documents, For information only.

Change 2: Reference "Architectural Drawings, Change 12 – Addendum No. 1: delete:" Reference "SP-As -Built" – prepared by Land Surveying Services, Inc., dated 10-20-09" and add "Reference Sheet E-2 Top of Fill" prepared by Rossi Construction, Inc, dated 10-28-09 revision 2, Additional sheet as listed above, was added to the contract documents, For information only

Change 3: Reference "RP-2" – prepared by MACTEC Engineering, dated 10-27-09.
Add the following under "UST NOTES:"

2. UST 2 Excavation Area:

Base Bid shall include excavation, removal and replacement of a 450 SF area to an elevation of 5.15 CCD which is an approximate in place volume of 108 CY. Work larger in area or deeper than 5.15 CCD will be paid in accordance with the provisions of the Site Work Allowance.

3. UST 3,4 & 5 Excavation Area:

Base Bid shall include excavation, removal and replacement of a 850 SF area to an elevation of 2.65 CCD which is an approximate in place volume of 283 CY. Work larger in area or deeper than 2.65 CCD will be paid in accordance with the provisions of the Site Work Allowance.

Civil Drawings:

Change 1: Reference C1.0 Revise Plan as per attachment C1.0

Change 2: Reference C2.0 Revise Plan as per attachment C2.0

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- Change 3: Reference C3.0 Revise Plan as per attachment C3.0
- Change 4: Reference C3.1 Revise Plan as per attachment C3.1
- Change 5: Reference C3.2 Revise Plan as per attachment CSL-1
- Change 6: Reference C4.0 Revise Plan as per attachment C4.0
- Change 7: Reference C5.0 Revise Plan as per attachment C5.0
- Change 8: Reference C5.0 Revise Plan as per attachment C5.1

Landscape Drawings

LANDSCAPE Drawings

- Change 1: Ref L1.2
Note additions of callouts clarifying placement of log panel and non-logo panel fencing.
- Change 2: Ref L1.4.1
Note changes to plant Matrix Patterns A, B, C, D in Southwest corner of Green Roof Plan where roof overhangs plaza below.
- Change 3: Ref L1.4.2
Note changes to plant names in Matrices A, B, C, D and updated spacing requirements.
- Change 4: Ref L1.4.3
Note changes in plant spacing callout.
- Change 5: Ref L1.4.4
Note changes in "Typical Plant Spacing Dimension"
- Change 6: Ref L1.4.5
Note changes in plant spacing callout.
- Change 7: Ref L2.2.1
Note changes in dimensions at bottom of detail 1.
- Change 8: Ref L2.4.2
Note changes in height of fence to 6' tall. Note changes to design of fence to accommodate height change.
- Change 9: Ref L2.4.5
Note changes in height of Gate to 6' tall. Note changes to design of Gate to accommodate height change.
- Change 10: Ref L2.4.7
Note changes in height of fence to 6' tall. Note changes to design of fence to accommodate height change.
- Change 11: Ref L2.4.8

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Note changes in height of Gate to 6' tall. Note changes to design of Gate to accommodate height change.

- Change 12: Ref L2.4. Notes
Note addition of "Footers and footer placement" to Note 1.
- Change 13: Ref L2.4. Notes
Note addition of "Clearances as labeled" to Note 2.
- Change 14: Ref L2.5.6
Note changes in height of fence to 6' tall.
- Change 15: Ref L2.2.1
Note indicates planting soil to be 3'-6". This note contradicts key on Sheet 1.6, indicating all planting soil to be 3'-0" deep. Key on sheet 1.6 shall stand and take precedence over detail 1 on sheet L2.2, therefore all landscape planting areas shall be 3' deep.

ARCHITECTURAL Drawings

- Change 1: Reference Sheet AS4.1, detail 3 Remove note "Cone tapered aluminum....recommendations" and insert in its place" Cone tapered aluminum flagpole, see specification
- Change 2: Reference Sheet A1.1: Detail plan showing slab level changes at the southeast corner of the building on ASK-09, attached. ASK-07 is added, new detail referenced on ASK-09.
- Change 3: Reference Sheet A1.1, key note 11: Delete the text of key note 11 and replace with the following: "Roof Hatch and Hatch Manufacturer's standard floor mounted and wall braced access ladder. – Coordinate location of ladder with owner."
- Change 4: Reference Sheet A1.2, roof Keynote 7: Delete the phrase "18" x 18" from keynote 7
- Change 5: Reference Sheet A1.3, roof Keynote 5: Delete the phrase "18" x 18" from keynote 5
- Change 6: Reference Sheet A3.1: Entire sheet is re-issued. Changes are bubbled. Change is clarification of control joint locations, bottom of exterior wall adjustments. Ladder is shown. ASK-08 is issued, a detail Elevation. Add to keynote 8: "See Detail 13/A6.1", shown on ASK-11, attached.
- Change 7: Reference Sheets A5.1, A5.2, A5.3, A5.4. All sheets are issued in their entirety. All changes are bubbled. Changes are clarifications to roof and ceiling structure levels, elevation of slab level changes at southeast, roofing membrane clarifications, clarification of slab and wall intersections.
- Change 8: Reference Sheet A5.5: New Sheet with 1 new wall section, along column Line 4 at west side of building.
- Change 9: Reference Sheet A6.2., details 1, 5, 6 and 8. Delete phrase "3/16 PVDF Coated Aluminum Panel" and replace with "3/16" Coated Aluminum Panel".
- Change 10: Reference Sheet A6.2., details 11. Delete phrase "Composite Aluminum Panel" and replace with "3/16" Coated Aluminum Panel".

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- Change 11: Reference: Sheet A6.2: Entire sheet is re-issued, all changes are bubbled: Clarifications are slab level changes, roof and ceiling structure levels, clarification of slab and wall intersections.
- Change 12: Reference Sheet A6.3., details 1 And 9. Delete phrase "Composite Alum. Cladding" and replace with "3/16" Coated Aluminum Panel".
- Change 13: Reference Sheet A6.4, detail 2: Delete note:" Bolt Sunshade to Ptd. Steel Angle Exposed @ Brick Jamb-Completely cover angle w/sunshade" and add it its place "Bolt Sunshade to Ptd. Steel Tube Exposed @ Brick Jamb-Completely cover plate w/sunshade
- Change 14: Reference Sheet A6.4, details 1, 4, 5, and 7 delete note:" ¼" aluminum column cover – finish same as all interior col covers" and replace with: "¼" aluminum column cover – finish to match windows".
- Change 15: Reference Sheet A6.4, detail 18 delete note:" PTD. Fiberglass Reinforced Gypsum column cover" and replace with: "¼" aluminum column cover – finish to match windows".
- Change 16: Reference Sheet A8.1: Detail plan of Drawing 1, clarifying work in Librarian Offices, added on ASK-12 and included in this addendum.
- Change 17: Reference Sheet A8.1, drawings 6: ASK-13 showing addition of sign to the subject wall.
- Change 18: Reference Sheet A8.1, drawing 8: Delete note:"Ptd. Fiberglass column cover" and change to "aluminum column cover under wall covering WC-2, with 30" H cast stone base Typical all Columns".
- Change 19: Reference Sheet A8.1, drawings 10: Delete note: "Ptd. Column Typ."" and change to "aluminum column cover under wall covering WC-2, with 30" H cast stone base".
- Change 20: Reference Sheet A8.2, drawings 10: Delete note:"Ptd. Fiberglass column cover" and change to "aluminum column cover under wall covering WC-2, with 30" H cast stone base".
- Change 21: Reference Sheet A10.1, drawings 1: Delete note:"PVDF column cover" and change to "aluminum column cover under wall covering WC-2, with 30" H cast stone base".
- Change 22: Reference Sheet A10.2, drawing 13: Cast stone lintel is deleted, steel lintel added. See attached sketch ASK-15.
- Change 23: Reference Sheet A11.1, detail 16 Add the following to the note: "provide 2 x 2 x ¼"..... as Req'd.": Tubes shall be no more than 2'0" OC.
- Change 24: Reference Sheet A11.2, detail 3: delete notes reading "Quartz Countertop" and Quartz Backsplash respectively and add in their place note reading "Alkemi countertop" and Alkemi Backsplash" respectively
- Change 25: Reference Sheet A12.1, Door Schedule: Change door 113A hardware set from from No. 19 to 04. Change door 102A hardware set from No. 05 to No. 19.
- Change 26: Reference Sheet A12.1, Door Schedule: Change height of Door No. 113B and 115A to 8'0". Change height of door No. 119B, 121B, 122, and 123 to 7'6.75"(-).
- Change 27: Reference Sheet A13.1: Delete Note 1 to 1 under the Room Finish Schedule: and add the following: Install corner guards at all gypsum board wall corners where no millwork or furniture is to be installed.

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- Change 28: Reference Sheet A13.1, Room Finish Schedule: Delete Ceiling type AP-2 from Rooms 106, 107, 108 and 110 and add Ceiling Type AP-1 in Rooms 106, 107, 108 and 110
- Change 29: Reference Sheet A13.1 – Add following Note 10 under the Room Finish Schedule: Install wall bumpers/rub strips at walls behind “Trucks” as shown on Sheet 16.1.
- Change 30: Reference Sheet A13.1, detail 6: delete note reading “Alkemi Counter/Backsplash” in its entirety.
- Change 31: Reference Sheet A16.1 – Add the following to the Furniture Notes: All shelving lower than 48: H shall have a continuous wood edge top WD-1 and linoleum Inset LINO-1.
- Change 32: Reference Sheet A16.2 – all details delete all instances of “Millwork Top” and add in its place “Wood Top”.
- Change 33: Reference Sheet A16.3 – all details delete all instances of “Quartz Top – Q-1” and “Quartz Top” and add in their place “Alkemi – Koi 100”.
- Change 34: Reference Sheet A2.1, keynote 3. Add the following to Keynote 3: See 15/A10.1. Detail 15/A10.1 is shown on ASK-10, attached.
- Change 35: Reference Sheet A12.1, detail 1, sub details H1 and H2. Change Lintel from Steel L to cast stone. Sheet ASK-14, attached.
- Change 36: Reference Sheet A6.4, details 3 and 6: Add the following General note to both drawings: All Aluminum shall be finished to match the window framing.
- Change 37: Reference Sheet A6.1, details 1, 2 and 3: Delete all references to “Galv. Stl. Shelf Angle Bolted into grouted CMU...” and “Through Wall Flashing...”.

STRUCTURAL Drawings

- Change 1: Reference Sheet S1.1: Top of slab revised in southeast corner. Top of foundation walls revised accordingly. Curbs added below partition walls. Revised Sheet has been issued
- Change 2: Reference Sheet S1.1: Plan notes renumbered. Note 14 added. Revised Sheet has been issued
- Change 3: Reference Sheet S1.2: Top of steel elevation revised for W8 at column 1B and 1C. See attached SSK-ADD2- 1
- Change 4: Reference sheet S1.2. Beam depth and top of steel elevation revised between lines 4 and 4.5. See attached SSK –ADD2-4.
- Change 5: Reference Sheet S2.1: Section 4 – Revised. See attached SSK-ADD2-2
- Change 6: Reference Sheet S2.2: Section 7 – Revised. Revised Sheet has been issued
- Change 7: Reference Sheet S2.2: Section 8 – Revised. Revised Sheet has been issued
- Change 8: Reference Sheet S2.2: Section 15 – Revised. Revised Sheet has been issued
- Change 9: Reference Sheet S3.1: Typical Lintel Schedule notes revised. See attached SSK-ADD2-3

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Change 10: Reference sheet: S4.2: Section 7 – Revised. See attached SSK –ADD2-5.

MECHANICAL Drawings

1. Sheet MS.01 – MECHANICAL SITE PLAN - Editorial correction to clarify which building is in contract
2. Sheet M1.1 – MECHANICAL FLOOR PLAN: REVISIONS RELATED TO IAS/BAS CHANGES.
3. Sheet M2.1 – MECHANICAL HYDRONIC PLAN: REVISIONS RELATED TO IAS/BAS CHANGES.
4. Sheet M3.1 – MECHANICAL ENLARGED PLAN: GENERAL EQUIPMENT LOCATION AND PIPE ROUTING CLARIFICATIONS.
5. Sheet M4.1 – HYDRONIC FLOW DIAGRAM - REVISION IN PIPING CONFIGURATION BETWEEN HEAT PUMPS AND CIRCULATION PUMPS
6. Sheet M7.1 - MECHANICAL CONTROLS DIAGRAMS: DELETED. ALL CONTROLS DRAWINGS TO BE REPLACED WITH IAS SERIES DRAWINGS
7. Sheet M7.2 - MECHANICAL CONTROLS DIAGRAMS:DELETED. ALL CONTROLS DRAWINGS TO BE REPLACED WITH IAS SERIES DRAWINGS
8. Sheet M7.3 - MECHANICAL CONTROLS DIAGRAMS: DELETED. ALL CONTROLS DRAWINGS TO BE REPLACED WITH IAS SERIES DRAWINGS
9. Sheet M7.4 - MECHANICAL CONTROLS DIAGRAMS: DELETED. ALL CONTROLS DRAWINGS TO BE REPLACED WITH IAS SERIES DRAWINGS
10. SHEET IAS0-01: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
11. SHEET IAS1-01: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
12. SHEET IAS2-01: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
13. SHEET IAS4-01: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
14. SHEET IAS4-02: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
15. SHEET IAS4-03: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
16. SHEET IAS4-04: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
17. SHEET IAS4-05: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
18. SHEET IAS4-06: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
19. SHEET IAS4-07:ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY
20. SHEET IAS4-08: ADDED. IAS SERIES DRAWINGS TO REPLACE PREVIOUS CONTROLS DRAWINGS ENTIRELY

PLUMBING Drawings

1. Sheet P1.1 – PLUMBING SUSPENDED FLOOR PLAN: Revised roof drain layout between column lines 5 and 6. Refer to attachment P1.1.
2. Sheet P1.2A – PLUMBING LOW ROOF PLAN: Revised roof drain layout between column lines 5 and 6. Refer to attachment P1.2A.
3. Sheet P2.1—PLUMBING RISER DIAGRAMS: Revised storm piping riser diagram. Refer to attachment P2.1.

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List of Attachments:

Specification Sections: 01100; 01310; 01400; 01500; 01600; 01732, 01352, 02300, 17800, 17810, 17815, 17820, 17825, 17830, 17835, 17840, 17850, 17855, 17860, 17865, 17870, 17875, 17885, 17890

Sheets: E-1 Bottom of Excavation" – prepared by Land Surveying Services, Inc., dated 10-28-09, E-2 Top of Fill" " – prepared by Land Surveying Services, Inc., dated 10-28-09, C1.0, C2.0, C3.0, C3.1, C4.0, C5.0, C5.1, L 1.2, , L 1.4, L 2.2, L 2.4, L 2.5, A3.1, A5.1, A5.2, A5.3, A5.4, A5.5, A6.2, S1.1., S2.2, M1.1, M2.1, M3.1, IAS0-01, IAS1-01, IAS2-01, IAS4-01, IAS4-02, IAS4-03, IAS4-04, IAS4-05, IAS4-06, IAS4-07, IAS4-08, P1.1, P1.2A, P2.1

Sketches: CSL-1 ASK-07, ASK-08, ASK-09, ASK-10, ASK-11, ASK-12, ASK-13, ASK-14, ASK-15, SSK-ADD2-1, SSK-ADD2-2, SSK-ADD2-3, SSK-ADD2-4, SSK-ADD2-5.

END OF ADDENDUM NO. 2