

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO.01 TO CONTRACT NO. 1496  
For  
LITTLE VILLAGE BRANCH LIBRARY  
2311 SOUTH KEDZIE  
NEW CONSTRUCTION  
PROJECT# 08030

DATE: October 28, 2009

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following changes are hereby made in the Contract Documents.

Changes to Book 3: TECHNICAL SPECIFICATIONS:

Change 1: Add the following Specification Sections, Provided by PBC and Mactec Engineering and Consulting Inc.

02116	Underground Storage Tank Removal.....	02116 1-4
02119	Special Nonhazardous Special, and Hazardous..... Waste Liquids Removal and Disposal	02119 1-10
02316	Soil, Fill, Backfill, CU Structural Soil, & Construction .....	02316 1-10
	And Demolition Debris Removal	
02318	Acceptance of Backfill, Topsoil & CU Structural Soil .....	02318 1-5

Change 2: Delete Spec Section 02870, Part 2.1 A 1 b. And add: 48" bench, backless and no arms.

Change 3: Delete Spec Section 02870, Part 2.1 A 1 d. And add: Imbedded mounting on 8" deep poured in place concrete pad per manufacturer's specifications.

Change 4: Delete Project Spec Section 02900, Part 1.1 B.13. And add: Final Acceptance

Change 5: Delete Project Spec Section 02900, Part 1.2 C. And add: Submit two copies of Landscape Maintenance Binder at Final Acceptance. Include copies of original nursery invoices, edge, gravel sources, copy of as-landscape built drawing, written maintenance instructions for care of installed plants on a 4 season basis, Contractor contact information, other pertinent information related to care of specified installation.

Change 6: Delete Project Spec Section 02900, Part 1.2.E.13. And add: Submit copies of test analysis indicating pH, cation exchange capacity (CEC) percentages of gravel, sand, silt, clay, organic matter, and major micronutrient groups in the analysis for imported topsoil and topsoil from site (if any).

Change 7: Delete Project Spec Section 02900, Part 1.2.H. And add: Plant Protection Record: Provide adequate plant protection, including protection from overhead construction activities, for all existing plantings to remain, and all new planting installations through the Final Acceptance. Provide photo record of existing plantings to remain, note condition and size. Review proposed

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method of protection with Owner's Representative prior to start of work, and install prior to Demolition.

- Change 8: Add to Spec Section 02900 Part 1.3 D.1  
a. Trees shall be tagged on the north side of the tree so that it will be marked for correct placement at the site. See 3.2 F.1.a., in this specification section. Plant materials transported to the site without proper nursery tagging will not be accepted for installation.
- Change 9: Add to Spec Section 02900 Part 1.3  
J. Protect landscaping from damage due to landscape operations, operations by other contractors and trades, and trespassers. Maintain protection during installation and maintenance periods. Treat, repair, or replace damaged landscape work as directed.
- Change 10: Delete Project Spec Section 02900, Part 1.5 E.4. And add: Protect landscaped areas with approved temporary fencing through Final Acceptance, or through period directed by Owner's Representative.
- Change 11: Delete Project Spec Section 02900, Part 2.1 A.2. And add: Deliver fresh nursery material to site in a healthy state. Request Owner's Representative inspection at time of delivery. Provide copies of delivery ticket. Maintain plants in healthy condition through Final Acceptance and Warranty Period (See 1.4 B 5.a).
- Change 12: Delete Project Spec Section 02900, Part 3.2 B.9. And add: Provide maintenance of finished grades and landscaping through Final Acceptance and Warranty period. Repair grades and landscaping as needed due to erosion, disturbance caused by Contractor activity.
- Change 13: Delete Project Spec Section 02900, Part 3.2 C.9. And add: Excavate circular pits with vertical side for plants, except for ground cover or other bedding type plant material. Scarify edges of tree pits.
- Change 14: Delete Project Spec Section 02900, Part 3.2 F.1.a. And add: Set balled and burlapped stock on layer of hand-compacted soil, plumb and in proper alignment, with top of ball and basal flare approximately 3" above adjacent finished landscape grades. Adjust tree to have its north side (as marked at the nursery) so it will have the same orientation at the new site. Remove burlap, twine, and pins from top half of rootball, retain on bottoms. Remove top 1/3 of wire basket. When plant is set, place additional backfill around base and sides of ball, and work each layer to settle backfill and eliminate voids and air pockets. When excavation is approximately two thirds full, fill excavation with water and let drain before placing remainder of backfill. Construct 4" to 6" height earthen watering saucer at perimeter of ball, firmed to resist erosion, and water completed planting thoroughly.
- Change 15: Add Spec Section 02900, Part 3.2 M: Stakes and Guys  
a. As directed by Owner's Representative, provide stakes and deadmen of sound new hardwood, free of knotholes and other defects. Provide wire ties and guys of two strand, twisted, pliable galvanized iron wire, not lighter than 12-gauge (2.68 mm) with zinc coated turnbuckles. Provide not less than ½-inch (13 mm) diameter rubber or plastic hose, cut to required lengths and of uniform color, material, and size to protect tree trunks from damage by wires. Each wire and stake must be flagged with strands of brightly colored ribbon for visibility.

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- Change 16: Delete Project Spec Section 02900, Part 3.5 B. And add: Upon completion of planting, remove excess soil, stones, trash, and debris and dispose of off-site in legal manner.
- Change 17: Delete Project Spec Section 02900, Part 3.5 B. And add: Upon completion of planting, remove excess soil, stones, trash, and debris and dispose of off-site in legal manner.
- Change 18: Delete Project Spec Section 02900, Part 3.6 A. And add: Maintain plant material until landscape operations have received Final Acceptance for the project.
- Change 19: Delete Project Spec Section 02900, Part 3.6 C. And add: Remove trash in beds and parkways, and in all plant material as part of work.
- Change 20: Delete Project Spec Section 02900, Part 3.6 D. And add: Maintain perennial beds, including parkways, for the duration of the growing season during which they were installed, through Final Acceptance.
- Change 21: Delete Project Spec Section 02900, Part 3.6 F. And add: Contractor must continue to provide continued maintenance to tree, shrub, and groundcover plantings following completion of all Contract Work, and for 24 months from the date of substantial completion.
- Change 22: Delete Project Spec Section 02900, Part 3.6 H.2. And add: Provide watering, including provision of gator bags, if needed to assist in woody plant establishment through the second year following Final Acceptance. This includes review of plantings with the Owner's Representative in May of the second year.
- Change 23: Delete Project Spec Section 02900, Part 3.6 I. And add: Perennial, Forb, Grasses, Bulb Seasonal Maintenance: (Note: this work is included in the contract as part of the Final Acceptance and Warranty Period scope)
- Change 24: Delete Project Spec Section 02900, Part 3.7 Title "PROJECT ACCEPTANCE". And add: FINAL ACCEPTANCE
- Change 25: Delete Spec Section 02900, Part 3.7 A. And add: Final Acceptance: Upon substantial completion of the project, the Owner's Representative will inspect landscape work for acceptance.
- Change 26: Delete Spec Section 02900, Part 3.7 E. And add: Following Final Acceptance, the Owner will take over responsibility of removal of trash and weeds within planting beds, cultivation of mulch, and notification of Owner's Representative of defects in the installation, general monitoring of plant materials, and coordinating with the Contractor related to protection of landscape items.
- Change 27: Delete Spec Section 02900, Part 3.8 A. And add: The Warranty Period begins upon Final Acceptance of the plant material and written notification of Final Acceptance by the Owner. Warranty period will require warranty and maintenance of all plant material for one (1) year from the date of Final Acceptance.
- Change 28: Delete Spec Section 02900, Part 3.8 B. And add: During Warranty Period, Contractor must provide deep watering at beginning of Spring, and seasonal watering of trees, woody plants,

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perennial and grass beds after Final Acceptance and through the end of the Warranty Period to prevent plants from going into dormancy in periods of drought or low rain, as part of this work.

- Change 29: Delete Spec Section 02900, Part 3.8 D. And add: Contractor must Warranty for period of one year from the date of Final Acceptance, replacement of plant which had died, or is in dying condition, or which has failed to flourish in such manner that its usefulness or appearance has been impaired. Remove dead plants within 4 weeks of verification by Owner's Representative, and replace within appropriate planting season. Replace any tree with dead main leader or crown which is 25% or more dead. Contractor to provide an extended Warranty for replaced plants, one year from the day of planting, and provide necessary maintenance for establishment.
- Change 30: Add to Spec Section 04270 2.2 A.: 5: Stonecast Products, Inc
- Change 31: Delete Spec Section 04810, Part 2.4 C 9  
Add Spec Section 04810, Part 3.4 C9:  
9. Color and Texture:  
a. Endicott: Color 1- Desert Ironspot Dark Smooth; Color 2- Golden Buff Velour  
b. Taylor:" Color 1 - #1-09 N Pink Smooth Ironspot; Color 2 - #1-01B Buff Smooth Ironspot  
c. Interstate: Color 1 – Ochre Buff L-4 Matte; Color 2 – Desert Sand L-4 Matte  
d. Sioux City: Monterey Ironspot Smooth; Color 2 – Clear Buff Velour
- Change 32: Delete Spec Section 08520 2.3 C, D, G., and I. NO corresponding additions
- Change 33: Delete Spec Section 08520 B.1.a. and add: a. Basic Wind Speed 70 MPH
- Change 34: Delete Spec Section 08520 2.3 B 1. And add: 1. Performance Glass and Grade: AW 65
- Change 35: Add to Spec Section 08520 1.3  
E. Air-Infiltration Rate for Operating Units: Not more than 0.3 cfm/sq. ft. (2.06 cu. m/h per m) of operable sash joint for an inward test pressure of 6.24 lbf/sq. ft. (299 Pa).  
F. Air-Infiltration Rate for Fixed Windows: Not more than 0.15 cfm/ft. (2.74 cu. m/h per m) of area for an inward test pressure of 6.24 lbs/sq. ft. (299 Pa).  
G. Uniform Load Deflection: No deflection in excess of 1/175 of any member's span during the imposed load, for a positive (inward) and negative (outward) test pressure of 60 lbf/sq. ft. (2873 Pa).  
H. Structural Performance: No failure or permanent deflection in excess of 0.4 percent of any member's span after removing the imposed load, for a positive (inward) and negative (outward) test pressure of 30 lbf/sq. ft. (1437 Pa).  
I. Condensation Resistance: Where window units are indicated to be "thermally improved," provide units tested for thermal performance according to AAMA 1503.1 showing a condensation resistance factor (CRF) of 45.
- Change 36: Add the following Reports, Provided by the Public Building Commission for Information Only  
Phase 1 Environmental Assessment – May 2008  
Phase 2 Environmental Site Assessment – April 6, 2009  
Phase 2 Environmental Site Assessment – June 26, 2009

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### QUESTIONS & ANSWERS:

Q1: I'm interested in bidding on the telephone system and any wireless internet access equipment. Can you tell me if those items are included in the bid packages or will they be procured separately?

A1: **They are not included in the bid packages.**

Q2: follow-up to my previous questions regarding millwork tops on metal shelving units  
Sheet A16.2, shelving unit S7C indicates a wood top  
Sheet A16.1 shows keynote 1 on shelving units S7D, S2B and S7A  
None of these shelving units (S7D, S2B and S7A) have a note indicating a wood top on A16.2  
In fact, I cannot locate S7C shelving units anywhere on A16.1

A2: **See Detail elevations. S7C located near Column 3C**

Q3: Keynote 7 on A1.1 points to only (4) shelving locations  
"Typical" does not appear next to the keynote on the floor plan or the legend  
Keynote 1 on A16.1 point to different shelving units than keynote 7 on A1.1  
Please clarify exactly which metal shelving units are to receive the millwork tops

A3: **Keynotes are tailored for each individual sheet.**

Q4: Solid Surface tops

1. The specs indicate stainless steel tops with integral bowls. This item is not indicated on the drawings. Please clarify.

2. The men's and women's restrooms are spec'd for Alkemi. There appears to be no color selection. Please specify.

3. 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" back splash. 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.

A4: **1 we cannot find the reference to Stainless steel tops**

**2 See Section 06402 -2.2 J for color selections**

**3. Alkemi**

**Doors and Frames**

**1-This appears to be correct.**

**2 This appears to be correct.**

Q5: Furniture/Millwork

A16.1, Keynote 1 indicates millwork top for "all shelving lower than 48" H"

There is a set of type S7B shelving along column line "D" that do not have a keynote 1 attached to them

Please clarify if these shelves require a millwork top

Electrical Service

Sheet C4.0 shows a concrete encased ductbank from the building to the Property Line

Sheet ES0.1 shows a concrete encased ductbank from the building to a pull box at the Property Line but also shows a line extending to "ComEd Xmfr"

This extension is not shown

Sheet E5.1 shows a "ComEd Primary Feeder" (similar to ES0.1) but does not show the distance of the feed

Is the ComEd Primary Feeder part of this contract?

If so, please provide routing of this line

A5: **They do require a millwork top**

**The Library contractor shall provide a concrete encased ductbank between the building and pull box located at the property line. The Fire Station contractor shall provide the pull box and concreted encased ductbank**

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between the pull box and pad mounted utility transformer. Additionally, the Library contractor to provide all cabling from the secondary side of the pad mounted transformer. Transformer is located on Fire Station portion of site and is approximately 100ft from pull box. Refer to sheet E1.1 in the Engine Company 109 Fire Station Bid Package for feeder routing between pull box and pad mounted transformer.

Q6: Please clarify on drawing ESO.1 lengths of secondary cable.

-From property line 165ft or full lengths 165' from building to point of Com-Ed utility pole

A6: Refer to response provided for Question 5

Q7: According to the Electrical Riser Diagram on drawing E5.1, secondary feeder is to be provided from the Com-Ed transformer to the CT Cabinet including full lengths of conduit and wire. Plan note on drawing ESO.1 requires only empty conduits from CT Cabinet to pull box. Please clarify.

A7: Refer to response provided for Question 5

Q8: 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.

A8: The work described is actually not included in the contract documents.

### CHANGES TO DRAWINGS (All drawings dated 10/12/09)

#### ARCHITECTURAL Drawings

Change 1: Reference AS1.0, Site Plan Key  
Reference for a sign was added to the key. Detail is shown on ASK-5 attached

Change 2: Reference A1.1 Detail 1  
Additional detail reference at Column 1D was added. Detail is shown on ASK-1 attached. See attached A1.1

Change 3: Reference A1.1 Detail 1 and A2.1 Detail 1  
Gypsum Board control joints were added to plans. Detail is shown on ASK-4, attached. See attached A1.1 and A2.1

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- Change 4: Reference A1.1 Notes  
Add: Note: All dimension listed with M.O. are masonry openings, the actual width is 3/8" wider.  
All masonry dimensions not listed with M.O., the actual dimension is 3/8" less.
- Change 5: Reference A1.2 Delete Roof Keynotes 1 through 18  
Add below listed keynotes.

### ROOF KEYNOTES:

1. EDGE OF BUILDING WALL BELOW UPPER ROOF
2. EDGE OF LOW ROOF
3. EDGE OF UPPER ROOF
4. 5" DEEP EXTENSIVE VEGETATIVE ROOF – SEE DETAIL 10/A6.1
5. 3" DEEP EXTENSIVE VEGETATIVE ROOF – SEE DETAIL 10/A6.1
6. ROOF ACCESS HATCH-SEE DETAIL 6/A6.1
7. POUR IN PLACE (PIP) OR PRE-CAST CONC CURB "SOIL STOP" FOR VEGETATIVE ROOF
8. INTERNAL ROOF DRAIN WITH OVERFLOW BACKUP DRAIN - SEE DETAIL 31A6.1 & PLUMBING DIAGRAMS FOR LOCATIONS
9. 30" WIDE LADDER TO UPPER ROOF – SEE 2/A5.3
10. ROOF PENETRATION WITH CONC CURB "SOIL STOP" - CONFIRM SIZE & LOCATION WITH MEP DRAWINGS. SEE DETAIL 1/A6.1
11. SPLASH AREA FOR UPPER ROOF OVERFLOW SPOUTS
12. EXHAUST FANS - SEE MECHANICAL FOR SIZING AND SPECIFIC LOCATION. SEE DETAIL 6/A6.1 FOR SIMILAR EDGE REQUIRMENTS
13. NOT USED
14. 18" X 18" PRECAST CONCRETE ROOF PAVERS - SEE DETAIL 4/A6.1
15. EDGE OF BUILDING WALL BELOW LOWER ROOF
16. INTERNAL ROOF DRAIN - SEE PLUMBING DIAGRAMS FOR LOCATIONS. SEE DETAIL 7/A6.1
17. 1/8 INCH PER FOOT SLOPED CAST IN PLACE SADDLES BELOW ROOF WATERPROOFING
18. COMBUSTION AIR INTAKE

NOTE: RETRACTABLE LIFE LINE FOR FALL RESTRAINT SYSTEM TO BE PROVIDED BY OTHERS

- Change 6: Reference A1.3  
Delete Roof Keynotes 1 through 10  
Add below listed keynotes.

### ROOF KEYNOTES:

1. EDGE OF WALL BELOW UPPER ROOF
2. EDGE OF LOW ROOF - BELOW
3. EDGE OF UPPER ROOF
4. EDGE OF WALL BELOW LOW ROOF
5. 18" X 18" PRECAST CONCRETE ROOF PAVERS
6. ROOF DRAIN – SEE DETAIL 11/A5.3
7. LADDER TO OPENING – SEE DETAIL 21/A5.3
8. OVERFLOW 1" X 1" X ¼" COATED ALUMINUM ANGLES. APPLY TO SURFACE OF SLOPED OVERHANG WITH SILICONE SEALANT. ISNTALL SPLASH BLCOKS BELOW.
9. 1/8 INCH PERFOOT CAST SADDLES BELOW ROOFING
10. WHITE BALLASTED ROOFING

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- Change 7: Reference A series sheets: Delete: T.O. FINISH FLOOR Add in its place: T.O. SLAB:
- Change 8: Reference A2.1 Detail 1  
Movable partition track was detailed. Detail 2 added to sheet. See attached Sheet A2.1
- Change 9: Ref A4.1 Details 2 and 4.  
Delete Phrase: "Proposed Mural Location"  
Add Phrase: "Provide Stencil as shown ion Sheet A13.2, details 1, 2 and 3.
- Change 10: Reference A6.4 Details 1, 2 AND 3  
Additional insulation added at window jambs. Revised details are shown on ASK-2, ASK-3 and ASK-6 attached
- Change 11: Reference "Updated Remediation Plan" – prepared by Mac Tec, dated 10-20-09  
Additional sheet as listed above, was added to the contract.
- Change 12: Reference "SP-As -Built" – prepared by Public Building Commission, dated 10-20-09  
Additional sheet as listed above, was added to the contract documents, For information only.
- Change 13: Reference Detail 3/A5.1: Delete "BTM OF HIGH SUNSADE = 6'-6" AFF" and add in its place:  
"BTM OF HIGH SUNSADE = 6'-6" AFF"
- Change 14: Sheet ES0.1 – ELECTRICAL SITE PLAN -Revised per attachment. Refer to attachment ES0.1.
- Change 15: Sheet E1.1 – ELECTRICAL FLOOR PLAN - Addition of keyed note 18 and man lift charging station. Refer to attachment E1.1.
- Change 16: Sheet E3.1 – ELECTRICAL AUXILIARY SYSTEMS FLOOR PLAN - Revised location of City Tie Box and Manual Pull Station. Refer to attachment E3.1.
- Change 17: Sheet E5.1 – ELECTRICAL RISER DIAGRAMS - Detail 1: Revised per attachment. Refer to attachment E5.1.
- Change 18: Sheet E6.2 – ELECTRICAL SCHEDULES - Revised panel RP-1. Refer to attachment E6.2.
- Change 19: Sheet E7.5 – ELECTRICAL DETAILS - Detail 1: Revised BAS connection. Refer to attachment E7.5.
- Change 20: Sheet P0.0 – PLUMBING SCHEDULES - Revised drain schedule—roof drains shall include cast iron domes. Refer to attachment P0.0. Revised plumbing fixture schedule—revised faucet for MB-Refer to attachment P0.0

### List of Attachments:

Reports Phase 1 Environmental Assessment – May 2008; Phase 2 Environmental Site Assessment – April 6, 2009; Phase 2 Environmental Site Assessment – June 26, 2009

ASK-1, ASK-2, ASK-3, ASK-4, ASK-5 and ASK-6, all dated 10/23/09 and prepared by Harley Ellis Devereaux  
Sheets AS1.0, A1.1, and A2.1 all dated 10/23/09 and prepared by Harley Ellis Devereaux

Sheets ES0.1, E1.1, E3.1, E5.1, E6.2, E7.5, P0.0, all dated 10/23/09 and prepared by Primera Engineers Limited.

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Specification Sections: 02116, 02119, 02316 and 02318

Reference "SP-As -Built" – prepared by Public Building Commission, dated 10-20-09

Reference "Updated Remediation Plan" – prepared by Mac Tec, dated 10-20-09

**END OF ADDENDUM NO. 1**

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