

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO.1 TO CONTRACT NO. 1499

**For
DUNNING BRANCH LIBRARY
7455 West Cornelia Avenue
NEW CONSTRUCTION
PROJECT #08080**

DATE: 10/27/2009

NOTICE OF CHANGES IN CONTRACT DOCUMENTS

The following forms a part of the Contract Documents.

Changes to Book 3: TECHNICAL SPECIFICATIONS:

- Change 1: Add to Spec Section 01524, Part 1.2 G
G. CCDD: Clean construction or demolition debris means non-hazardous, uncontaminated materials resulting from the construction, remodeling, repair, and demolition of utilities, structures, and roads, limited to the following: bricks, rocks, concrete, stone, reclaimed asphalt pavement, and soil or sand as per 415 ILCS 5/3.160.
- Change 2: Add to Spec Section 01524, Part 1.2 H
H. Permitted Subtitle D landfill: means any solid waste landfill facility in any state licensed and/or permitted to accept non-hazardous waste.
- Change 3: Add to Spec Section 01524, Part 1.4 G – to be added to the end of the section
G. "Permitted Subtitle D landfill means any solid waste landfill facility in any state licensed and/or permitted to accept non-hazardous waste"
- Change 4: 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 5: 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 6: 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

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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 3.6:
- H. The GC will maintain a single "master" hard copy of the PFC checklists executed by the sub-contractors 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 8: Add Spec Section 02231, Part 3.10 A – Change to read:
- A. Disposal: Remove surplus satisfactory soil and waste material, including unsatisfactory soil, trash, and debris, and legally dispose of it off Owner's property in accordance with Section 02315.
- Change 9: Delete Spec Section 02315
Add Spec Section 02315
- Change 10: Delete Spec Section 02745, Part 3.06 A
Add Spec Section 02745, Part 3.06 A
- A. All rubbish and debris resulting from the Work of this Section must be collected, removed from the site and disposed of legally in accordance with Section 02315.
- Change 11: Delete Spec Section 02810, Part 3.1 A
Add Spec Section 02810, Part 3.1 A
- A. The plans show conditions as they are believed to exist or intended to be and are not a representation by or on behalf of the Owner's Representative that such conditions actually exist. Any objectionable materials such as old concrete, bricks or other debris encounter during the installation operations shall be removed from the site by the Contractor "in accordance with Section 02315".
- Change 12: Add Spec Section 02824 – WOOD FENCING/STEEL SUPPORTED
- Change 13: Delete Spec Section 02900, Part 3.4 A.3
Add Spec Section 02900, Part 3.4 A.3

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3. Excavated material that is not the specified planting soil will not be used for backfill in any planter or planting pit and shall be removed from site in accordance with Section 02315

Change 14: Delete Spec Section 02900, Part 3.4 B.5
Add Spec Section 02900, Part 3.4 B.5
5. Excavated topsoil or rich loam if approved shall be stockpiled and reused for backfilling of planting pits, and all excavated material not suitable for backfilling shall be disposed of outside the property in accordance with Section 02315. Additional new Topsoil or special soil mixture, as specified, in the project specifications shall be provided as directed.

Change 15: Add Spec Section 02900, Part 3.6 A.2
2. Excess and waste material shall be removed daily in accordance with Section 02315

Change 16: Add Spec Section 02900, Part 3.6 A.5
5. Upon completion of lawn installation, remove from the site and legally dispose of the following: surplus sub-grade material, stone and foreign matter in accordance with Section 02315.

Change 17: Delete Spec Section 06402, Part 2.1 | 1
Add Spec Section 06402, Part 2.1 | 1 Maharam: Caliber 398150 – 008 "Cypress"

Change 18: Delete Spec Section 07561, Part 2.6 A.1
Add Spec Section 07561, Part 2.6 A.1
1. Provide. Hanover Glacier Prest Pavers

Change 19: Delete Spec Section 07561, Part 2.6 A.6
Add Spec Section 07561, Part 2.6 A.6
1. Color: Glacier White

Change 20: Delete Spec Section 09310, Part 2.2 A.9a and Part 2.2 B.9a

Change 21: Delete Spec Section 10200 1.4.F
Add Spec Section 10200 1.4.F
F. Delegated-Design Submittal: For louvers indicated to comply with structural-performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

Change 22: Delete Spec Section 10200 2.7.B.1
Add Spec Section 10200 2.7.B.1
1. Color and Gloss: From manufacturer's standard colors

Change 23: Add Spec Section 11054, Part 2.5 F –
a. Model #L24CLH for 24" shelves
b. Model #L36CLH for 36" shelves

Change 24: Delete Spec Section 12900, Part 2.2 D.1a
Add Spec Section 12900, Part 2.2 D.1

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a. Maharam: Caliber 398150 – 008 "Cypress"

Changes to Drawings:

CIVIL Drawings

- Change 1: D1.1
Retaining logs at northeast corner to be removed.
- Delete note, "EXISTING TRENCH BACKFILL TO BE EXCAVATED FOR NEW WORK" and associated hatch.
- Add areas of street scarification where existing curb will be demolished and new curb replaced.
- Change 2: C1.1
Change TW Elevations along wall on the west side. Revised overland flow routes shown.
- 12' Paved lane extended across the new drive entrance and the construction entrance.
- Add Grades indicated for entry walkway w/in the parkway.
- Delete miscellaneous grades east of entry walkway.
- Add Grades indicated at curb for the construction entrance.
- Change grades at Northwest crosswalk to 57.42 in lieu of 59.6 and 57.56 in lieu of 59.6.
- Change note 3, Delete "AT THE INTERSECTIONS OF CORNELIA WITH OLCOTT AND OSCEOLA".
- Change 3: C1.2
Added a note that the electrical frame and lid to remain at existing grade (located at the entrance drive where we will now be resurfacing)
- Changed storm manhole from Type A to Type C
- Change 4: C9.1
Change note within the parking lot to Read, "TYPE A" in lieu of Type B.
- Change detail callout for the Reading Garden path to read "6/C1.10" in lieu of "5/C1.10"
- Change note within the reading garden regarding the Pavers in the running Bond Field to read, "6x8" in lieu of "6x12"
- Change note within the Legend for Pavers Type B to read, "COLOR SANDSTONE" in lieu of "Color: Determined by Architect"
- Change note within the Legend for Pavers Type B to read, "6x8 and 8x14" in lieu of "5x10 and 10x10"
- Add areas of street to be resurfaced.

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- Change 5: C1.10
Add DC grade

Hatch and callout warning tiles for the east side enlargement
- Change 6: L1.1
Add 6' Wood fence along the property line shared by the school and the library in lieu of ornamental fence.

Added to legend, "TYP. 6' HIGH WOOD FENCE" with appropriate line type.

Shrubs shown along the east edge. Please note that quantity stayed the same.

Change note in Legend to read, "TYP. CABLE SYSTEM TRELIS - SEE ARCHITECTURAL PLANS", in lieu of "GREEN SCREEN TRELIS"
- Change 7: L2.1
Added Detail 8, WOOD FENCE DETAIL

ARCHITECTURAL Drawings

- Change 8: AS1.1
Location of geothermal manhole is shown at concrete walk west of parking lot

Benches at front of building and in reading garden are key-noted

Location of cast-bronze CPL logo is indicated

Locations of brick paving at reading garden is shown

24" caliper tree at north parkway is indicated as existing.
- Change 9: AS3.1, Detail 8
Handrail has been revised to make code compliant for IAC standards.
- Change 10: A1.2
Gutter and downspout have been added at the canopy over the entry and the ramp.

Keynote #9 is revised to indicate information on gutter & heat trace.
- Change 11: A2.1
Detail keys have been revised added at columns 4/B, C, D, E, & F.

Wood ceiling panels at Upper Ceiling Plan revised to WPC-1

Key notes for manual shade locations shown

Size of projection screen indicated.
- Change 12: A5.1, Detail 1
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Revised column cover from GFRC to GFRG

- Change 13: A5.2, Detail 2
Handrail has been revised to make code compliant for IAC standards.
Cornice edge has been revised to show gutter – keyed to detail 10/A6.4
- Change 14: A5.2, Detail 1
Revised column cover from GFRC to GFRG
- Change 15: A5.3, Detail 1
Revised column cover from GFRC to GFRG
- Change 16: A5.3, Detail 2
Revised column cover from GFRC to GFRG
- Change 17: A5.3 Detail 3
Revised column cover from GFRC to GFRG
- Change 18: A6.1, Detail 9
Detail 9, 14 & 15 - revised column cover from GFRC to GFRG
- Change 19: A6.1, Detail 14
Revised column cover from GFRC to GFRG
- Change 20: A6.1, Detail 15
Revised column cover from GFRC to GFRG
- Change 21: A6.3, Detail 1
Revised column cover from GFRC to GFRG
- Change 22: A6.3, Detail 5
Revised column cover from GFRC to GFRG
- Change 23: A6.3, Detail 4
Revised column cover from GFRC to GFRG
- Change 24: A6.4 Detail 10
Added detail indicating gutter & downspout at entry
- Change 25: A8.1
Locations of corner guards are clarified.
Revised detail key callout references.
- Change 26: A8.2, Detail 3
Added detail key to wood veneer paneling detail 15/A10.1
- Change 27: A8.2, Detail 4
Added detail key to wood veneer paneling detail 15/A10.1

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- Change 28: A8.2, Detail 5
Added detail key to wood veneer paneling detail 15/A10.1
- Change 29: A8.2, Detail 6
Added detail key to wood veneer paneling detail 15/A10.1
- Change 30: A8.2, Detail 8
Added etched CPL logo at vestibule entry door.
- Change 31: A10.1, Detail 15
Added reveal at wood panel and metal reveal reglet at bottom of panel
- Change 32: A12.2, Door Schedule
Door 111A to have #8 frame

Delete Door 111C

Doors 112B, 115, 116, 117, 118, & 123 to have D type HM door
- Change 33: A13.1
Room Finish Schedule revised to indicate new selection for panel fabric FWC-1
- Change 34: A17.1, Sign Schedule
Sign C2 -- added notation; Contractor to provide inserts

Sign C3 -- revised insert amounts to be 120. Added notation; Canopy holder to be provided by shelving manufacturer. Holder to be mounted on top front of shelving unit; Signage contractor to provide inserts. Library staff to provide subject headers.
- Change 35: A17.2, Detail 29
Add Sign C2-J to detail
- Change 36: A17.2, Detail 33
Add note; Sign to be etched on third surface of insulated glass.

STRUCTURAL Drawings

- Change 37: S0.1
Changing Reinforcement in topping slab from fibers to WWF.
- Change 38: S1.0
Indicate concrete pad under lockers.
- Change 39: S1.1
Changing Reinforcement in topping slab from fibers to WWF.

Showing (3) new members, HSS10x4x3/8 to brace top of interior brick wall along gridline 3, between B and D.5.
- Change 40: S4.0, Detail 3B

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Modify note (2)-5/8"Ø MECHANICAL EXPANSION ANCHORS W/4" EMBEDMENT. TIGHTEN NUT TO THE RECOMMENDED INSTALLATION TORQUE, BACK OFF NUT, THEN FINGER TIGHTEN AND BURR THREADS TO ALLOW FOR VERTICAL MOVEMENT.

- Change 41 S4.0 Detail 2
Added top and bottom plates to WF beams to column connection
- Change 42 S4.0 Detail 10
Added top and bottom plates to WF beams to column connection
- Change 43 S4.0 Detail 4
Indicating shim plate under pre-cast plank
- Change 44 S4.0 Detail 12
Indicating shim plate under pre-cast plank
- Change 45 S4.1 Detail 9
Indicating additional tube at +16'-0", between gridlines B and D.5.

MECHANICAL Drawings

- Change 46 M1.1
Revised supply duct size in room 108.
- Change 47 M1.2
Revised note for flue to boiler room.
- Change 48 M2.1
Note 17 added to general notes.

Revised general note 1.

Pipe size added to MFLD-7.
- Change 49 M3.1 Detail 1
Added outside air intake plenum height to enlarged mechanical plan.
- Change 50 M3.1 Detail 4
Revised diffuser tag.
- Change 51 M5.1
Revised expansion tank schedule

ELECTRICAL Drawings

- Change 52 E0.1
Added general note #16 to address RFI regarding combination isolated ground/child safety receptacle product.
- Change 53 E1.1

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Added control wiring conduit for motorized windows.

- Change 54 E1.2
Added heat trace at roof
- Change 55 E2.1
Revised lighting circuiting numbers.
- Change 56 E5.1
Revised wire sizes for TVSS devices and added wire sizes to feeder schedule.
- Change 57 E6.2
Added 3-pole circuit for CP-1 TVSS device.
- Change 58 E7.5, Detail 1
Revised lighting controls output to BAS to communicate through dry contact closure.

PLUMBING Drawings

- Change 59 P0.0
Revised drain schedule—roof drains shall include cast iron domes.

IAS Drawings

- Change 60 IAS1.01
Located building pressure sensor on wall behind the "Circulation Control Center", between the doors leading to rooms 111 and 112.
- Change 61 IAS2.01
Keyed Note 1 - Revise statement "Provide all VAV space temperature sensors with LCD displays, setback override buttons, "setpoint adjustment, and locking covers" to read as follows: "Provide VAV space temperature sensors IN OFFICES and private areas with LCD displays, setback override buttons, setpoint adjustment." For PUBLIC AREAS provide temperature sensors with locking covers but without LCD displays, setback override buttons, setpoint adjustment."
- Change 62 IAS4.01
AHU-1 Control Diagram - The freeze stat is shown in control diagram as AI point 44. This should read DI point 55.

AHU-1 Control Diagram - The Building static pressure sensor is shown as AI point 44. This should read AI point 38.
- Change 63 IAS4.02
Hydronic Central Plant Flow Diagram - The Boiler Kill Switch is shown with point number 68 in a circle, which represents an AI point. This should be a diamond shape which represents a DI point.
- Change 64 IAS4.03
Hydronic Central Plant Points List - Carbon monoxide level (point 67) is shown on the hydronic flow diagram on IAS4.02, but not on points list on IAS4.03. This point should be included as an AI, trended, displayed on the screen, with an out-of-range critical alarm.

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Hydronic Central Plant Points List - Boiler Kill Switch (point 68) is shown on the hydronic flow diagram on IAS4.02, but not on points list on IAS4.03. This point should be included as an DI, trended, displayed on the screen, with point status critical alarm.

Sequence of Operation WSHP Central Plant - Paragraph 1.1.C.2.c reads "The lead primary loop pump shall start and ramp up to maintain desired GPM (see 3.2.C this section). It should read "... (see 1.3.C below)" Same with paragraph 1.1.D.2.c.

Sequence of Operation WSHP Central Plant - Paragraph 1.2.B.2 reads: "Operate the boiler plant to maintain the LWT setpoint as measured at the system SWT on the downstream side of the storage tank." Change "on the downstream side of the storage tank" to read "as measured at the dual temp SWT (after boiler and buffer tank)"

Sequence of Operation WSHP Central Plant - Delete section of paragraph 1.3.B that reads: "(see 3.1.C and 3.1.D this section)"

Sequence of Operation WSHP Central Plant - Delete section of paragraph 1.4.A.2 in its entirety.

Sequence of Operation WSHP Central Plant - Add paragraph to sequence of operation under 1.1.C.2, between paragraphs c and d to read as follows: "The lead ground loop pump (GP-1 or GP-2) shall ramp up to maintain desired differential pressure.

Sequence of Operation WSHP Central Plant - Add paragraph to sequence of operation under 1.1.D.2, between paragraphs c and d to read as follows: "The lead ground loop pump (GP-1 or GP-2) shall ramp up to maintain desired differential pressure.

Change 65

IAS4.04

Sequence of Operation – VAV Box Control with Radiant Floor (VAV-1,2,3,4) - Revise paragraph F- Unoccupied Heating Mode as follows: change "the associated radiant floor zone valve will open fully" to "the associated radiant floor zone valve will modulate to maintain 85°F"

Sequence of Operation – VAV Box Control with Radiant Floor (VAV-1,2,3,4) - Revise paragraph D. Radiant Floor Control to read as follows: "When a radiant floor zone is in the heating mode, modulate the zone valve to maintain a floor temperature setpoint. The floor temperature setpoint shall be reset based on OAT as follows: Floor temperature of 85°F when OAT is below 25°F, floor temperature of 75°F when the OAT is above 45°F OAT, rest in between. When a zone is no longer in heating mode, close the radiant floor zone valve."

Control Diagram – VAV Box Control with Radiant Floor and Fintube (VAV-6) - Points 9 and 11 (CO2 Level) should be represented by circles around the numbers, not diamonds.

Control Diagram – VAV Box Control with Radiant Floor and Fintube (VAV-6) - Revise paragraph G- Unoccupied Heating Mode as follows: change "the associated radiant floor zone valve will open fully" to "the associated radiant floor zone valve will modulate to maintain 85°F and the radiant finned tube valve shall open fully".

Control Diagram – VAV Box Control with Radiant Floor and Fintube (VAV-6) - Revise paragraph D. Radiant Floor Control to read as follows: "When a radiant floor zone is in the heating mode, modulate the zone valve to maintain a floor temperature setpoint. The floor temperature setpoint shall be reset based on OAT as follows: Floor temperature of 85°F when OAT is below 25°F, floor

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temperature of 75°F when the OAT is above 45°F OAT, rest in between. When a zone is no longer in heating mode, close the radiant floor zone valve."

Control Diagram – VAV Box Control with Radiant Floor and Fintube (VAV-6) - Add the following paragraph between paragraphs G and H: "CO2 Level Alarm: Generate an alarm at the BAS if the CO2 level exceeds 700 ppm as compared to the OA CO2 level, or 1,000 ppm not compared to OA CO2 level.

Change 66 IAS4.05
Sequence of Operation WSHP-4 - Change paragraph A.1 to read: "Occupied Mode: The supply fan shall start when in the occupied mode as determined by the occupancy schedule".

Sequence of Operation WSHP-4 - Delete the paragraph A.1.a in its entirety.

Sequence of Operation WSHP-4 - A.2, delete the words "in the locker room" at the end of the sentence.

Change 67 IAS4.06
Sequence of Operation Unit Heaters - Delete paragraphs A and B in their entirety.

Sequence of Operation Unit Heaters - Add The following sequence:

- Provide a LonWorks communicating thermostat. Control the unit heater and/or CUH to maintain the space at setpoint.
- Integrate the LonWorks communicating thermostat with the BAS.

Change 68 IAS4.07
Main Gas Meter Detail – Point 51 is shown in a circle which represents an AI. This point should be shown in a diamond to represent a DI for pulse input.

AS-BUILT Drawings

Change 69 SP-AB
New sheet indicating as-built site prep improvements.

QUESTIONS & ANSWERS:

Q1: Due to a computer error, the attached section, 09511 - Acoustical Panel Ceiling, was left out of the section.

A1: **Add specification section 09511 to Book 3 issued for Contract#1499 Dunning Branch Library.**

Q2: Do we figure coved in-corners at wall tile (joints may not line up)? If so, what size (3x4, 4x4, 6x6, 6x8)?

A2: **The inside corner cove has been eliminated. See Book 3 Technical Specification Change #20.**

Q3: Do we figure metal edge at outside corners and top of tile cap? Tile specified does have 3x3 and 3x6 bull nose?

A3: **Metal edge to be at outside corner only. Tile layout does not require bullnose or tile cap.**

Q4: 10/14/09: Details 9, 13, 14, 15/A6.1 show GFRC column covers. However specification section 09271 – Glass Reinforced Gypsum Fabrications implies that there are GFRG column covers. Please indicate which is correct GFRC column covers or GFRG column covers? If both types are included in this contract please correct the details on sheet A6.1 accordingly.

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- A4: Column covers to be GFRG. See Drawing Changes #12 and #14 through #23.
- Q5: Detail 4/A11.1 has a note that says "tackable panel at interior rear wall". Are the tackable panels per this detail the same as the fabric wrapped acoustical tackable panels?
- A5: Refer to Specification Section 06402 – 2.1-L: Wall cork in display case.
- Q6: 10/19/09: Doors/Frames/Hardware Regarding Door Schedule.
1. Door #110 indicates a hollow metal frame with hollow metal door type D and a wood sidelight. Please verify that this is correct. 2. Door #111A indicates frame type 4, door type B. This door and frame is for an exterior door. Please verify that this is correct. 3. Door #111C is indicated; however this door is not found on the floor plan. Please clarify. 4. Door #112B is indicated as a wood door type B; however the material is listed as Hollow Metal. Please clarify. 5. Door #113 indicates a type 2 frame; however the remarks identify a sidelight. Also the door is identified as a type D Hollow Metal. Please clarify. 6. Doors # 115, 116, 117, 118, & 123 are identified as type B; however the material is listed as Hollow Metal. Please clarify.
- A6: 1. Door 113 is to have a glass sidelight per the drawings. 2-6. Door schedule has been revised see Drawing Change #32.
- Q7: 1. Spec section 01510 calls for the contractor to provide a stand alone field office for the Commission. Is this a requirement for a project of this size? 2. Detail 4/A13.2- Terrazzo #3 shows a leaf approximately every 1.5'. Are these leaves to continue the whole length of the Terrazzo #3 bands? 3. Drawing A17.1- What is sign type C3? Please provide drawing and clarification. 4. Reference Sheet A16.2: Several notes state sign to be mounted on edge of millwork top. The specification 11054.2.4.I states that the top is to be 18 gauge steel. Please clarify if the top of the shelves are to be millwork or steel. If the top is millwork, is it intended to be part of the specified stack system or is it to be provided by the mill worker? Please provide a detail if by the mill worker. 5. Reference A16.3: Does the low height wall on the north side of the circulation desk require wood paneling on both sides for its full length?
- A7: 1. The contractor is to provide a standalone field office per the specifications.
2. Detail 4/A13.2-The accent leaf in the terrazzo is to be continuous in the Terrazzo 3 band.
3. See Drawing Change #34 and #35 and Book 3 Technical Specification Change #23.
4. See drawings for material at top of shelves. See drawings for millwork top details.
5. Yes-see detail 18/A16.5
- Q8: 1) 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.
- A8: The warranty issued in the specification must be maintained. As stated on the drawing MS0.1, the geothermal layout is approximate based on 500 foot vertical wells. The layout, number of boreholes, depth, and length of piping, will be determined by the contractor and submitted with all information as indicated in Specification 15747 1.4. Alternate design are permissible per Specification 15747 1.4.D. The final design with submitted calculations must maintain the warranty in indicated in the specifications.
- Q9: I will be bidding for the signage for the Chicago Public Library, Dunning Branch. I have several questions before I can quote the project. The architect, Jackson Harlan, said I was to refer all questions to you.
1. In regards to drawing A17.1, Signage Schedule, I am unable to find a drawing for Mark C3, Type G sign on Drawing A17.2, Signage Details. The Signage Schedule only says it is supposed to be 3" high. No width is given nor a drawing for placement of the sign. 2. On drawing A17.2, in regards to Sign R27, the depth of the letters read 2" deep. On drawing A3.1, Building Elevations, the Keynotes at the bottom of the page say the letters are 1" depth. Please clarify. 3. The CHICAGO PUBLIC LIBRARY logo (#33) on drawing A17.2

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show little in regards to specs. I checked Section 10 431 SIGNAGE in the manual and there was no specific mention of the logo with the letters C, P, & L. Could you direct me to where I can find the specifications in order to fabricate it?

- A9:** 1. See Drawing Change #33 and #34 and Book 3 Technical Specification Change #23.
2. The depth of the letters on Sign R27 are per the detail on sheet A17.2: 2".
3. The CHICAGO PUBLIC LIBRARY logo as shown on A17.2. See Drawing Change #36
- Q10:** 10/21/09 Please clarify the following items for the above mentioned project : 1. According to our record, "child safety" (temper resistant) isolated ground receptacles are not produced. Please specify manufacturer and catalog number. 2. Electrical snow melting system at underside of cornice panel, required per keynote 9 on drawing A1.2, is not shown on electrical drawings. Please provide circuit and system specification.
- A10:** 1. The combination isolated ground/child safety receptacle is anticipated to be in production this coming winter. If the combined product is not available at installation, provide child safety type where indicated. 2. See Drawing Change #10 and #54.
- Q11:** I need clarification of the following items for the HVAC for the Dunning Branch Library. 1 - The geothermal well field design exceeds the operating parameters of the well pipe. The depth of 650' exceeds the operating pressure of all well pipe. Installed to that depth will void the manufactures warranty. 2 - Sheet M6.2 /detail 2. The pump detail shows a suction diffuser and a strainer on the suction side of the pump this is a redundancy because there is a strainer in the suction diffuser and the addition of a Y-strainer is not needed. On the pump discharge a triple duty valve & a shut off valve are shown. It is not necessary for both valves. Also a triple duty valve is a pricy item and is not functional in a variable speed pumping application. Would it be acceptable with the engineer to install a shutoff valve with a silent check valve on the pump discharge. This detail is also shown on the Little Village Library drawings.
- A11:** 1. See response to Q8. 2. Install pumps per detail on M6.2.
- Q12:** The door elevations shown on A12.1 show door type B to be 3/4 hour rated flush wood door - veneer pattern / direction as shown; however various door numbers on the door schedule indicate door type B with hollow metal listed as the door material. Are the doors listed as type B hollow metal actually door type D which would be the same flush panel construction only in hollow metal?
- A12:** See Drawing Changes #32.
- Q13:** 10/26/09: Please advise how Advance Cast Stone can be added to the list of Cast Stone Manufacturers in Spec 04720.
- A13** No. The product is manufactured in Fortworth Texas and is more than 500 miles from project site.
- Q14:** I would like to discuss with you the possibility of adding two companies that we represent and manufacture an excellent line of Library Furniture. As it stands there are only two (2) companies Agati and Brodart; Carroll Seating represents Brodart and pretty much have been getting the previous projects. In my opinion the only way for anyone else to have an opportunity is to have it a little more competitive. We represent: Worden Company Library Furniture and Tesco Industries
- A14:** No. The acceptable manufacturers are listed in the specifications.
- Q15:** 1. Spec section 10200 wall louvers, 2.7. Aluminum finish, B.1. calls for color and gloss of louver to match architect's sample. Do bidders need to include custom colors for louvers or standard color will be acceptable? Please confirm. 2. Spec section 10200 Louvers and Vents, 1.4 submittals, F 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. 3. Spec section 11132 projection screens, 2.2, H calls for size of viewing surface as indicated on the drawings. No information regarding the size of projection screen is found on the drawings. 4. Spec section 11160 manlift equipment calls for Genie Runabout GR20 manlift. However, the manlift was not found on the drawings.

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Please confirm that all bidders are required to include this manlift. Also, please confirm the quantity of it. 5. Spec section 12494 roller shades calls for manual roller shades and double roller shades. However, no location of shades is found on drawings other than section details. Please provide RCP showing locations of shades.

- A15:**
1. See Book 3 Technical Specification Change #22
 2. See Book 3 Technical Specification Change #21
 3. See Drawing Change #11
 4. Yes, provide (1)
 5. See Drawing Change #11

Q16: 1. Spec 07561 Fluid Applied Protected membrane roofing: Page 07561-7 section 2.6-A as relating to the pavers states in (1) that the pavers are to be ballast pavers. In (6) the architect is requesting color from the manufacturer's full range. A ballast paver through American Hydrotech has a diamond finish with a natural color. To get a color, a prest paver, tudor finish from American Hydrotech need to be supplied. Please confirm which type is requested. 2. Spec 07720 Roof Accessories: Page 07720-3 section 2.3 for Roof Hatches is requesting the aluminum hatch, safety railing system, and the ladder-assist post in a color to match architect's sample. The manufacturers will not provide a painted railing system or ladder assist post. In addition, color matching for the hatch is very expensive - especially for aluminum. Is this the intent of the architect? If a steel hatch is allowed, those come from the factory in a red powder coat that is paintable in the field. Please advise.

- A16:**
1. See Book 3 Technical Specification Change #18 and #19
 2. Color to be selected from manufacturer's standard range as selected by architect

Q17: Electrical snow melting system at underside of cornice panel, required per keynote 9 on sheet A1.2, is not shown on electrical drawings. Please provide circuit and system specification.

A17: See Drawing Change #10 and #54.

Q18: Detail 8/A6.4 indicates to provide "1/2" x 1/4" alum. drip" at the cornice nose location. This detail will only works for the aluminum plate system. However, specification 08080 section 2.1.A.2 allows for an alternate aluminum composite system to be utilized in lieu of aluminum plate system. Since aluminum composite panels cannot be machined to match the detail as shown the detail mentioned above will not work. Please advise if it is still acceptable to provide aluminum composite panel system with out this "1/2" x 1/4 alum. drip" or provide a different detail that will work with the aluminum composite panels.

A18: Yes

List of Attachments: (Available online at planroom: <https://www.drawingdepot.com/?PBC>)

BOOK 3 SPECIFICATIONS DATED 10/27/09

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Section 01524	Section 02824	Section 09771
Section 01810	Section 02900	Section 10200
Section 02231	Section 06402	Section 11054
Section 02315	Section 07561	Section 12900
Section 02745	Section 09310	

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DRAWINGS DATED 10/27/09 (Available online at planroom: <https://www.drawingdepot.com/?PBC>)

SHEET SP-AB
SHEET D1.1
SHEET C1.1
SHEET C1.2
SHEET C1.9
SHEET C10.1
SHEET L1.1
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SHEET A2.1
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SHEET A8.1
SHEET A8.2
SHEET A10.1
SHEET A12.1
SHEET A13.1
SHEET A17.1
SHEET A17.2
SHEET S0.1
SHEET S1.0
SHEET S1.1
SHEET S4.0
SHEET S4.1
SHEET M1.1
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SHEET E0.1

SHEET E1.1
SHEET E1.2
SHEET E2.1
SHEET E5.1
SHEET E6.2
SHEET E7.5
SHEET P0.0
SHEET IAS1.01
SHEET IAS2.01
SHEET IAS4.01
SHEET IAS4.02
SHEET IAS4.03
SHEET IAS4.04
SHEET IAS4.05
SHEET IAS4.06
SHEET IAS4.07

END OF ADDENDUM NO.1

Mayor Richard M. Daley, Chairman

Erin Lavin Cabonargi, Executive Director