

PUBLIC BUILDING COMMISSION OF CHICAGO

ADDENDUM NO. 01 TO CONTRACT NO. 1504

For

31<sup>st</sup> Street Harbor – Landside / Marina  
3155 S. Lake Shore Drive  
NEW CONSTRUCTION

DATE: Friday, March 12, 2010

**NOTICE OF CHANGES IN CONTRACT DOCUMENTS**

The following changes are hereby made in the Contract Documents.

**Changes to Book 1 PROJECT INFORMATION, INSTRUCTIONS TO BIDDERS, AND EXECUTION DOCUMENTS:**

Change 1: Part II, A. 11: The Mandatory Technical Review Meeting will be held in the second floor Board Room, not in room CL115. The remainder of the section is unchanged.

**Changes to Book 3 TECHNICAL SPECIFICATIONS:**

- Change 2: Table of Contents (*changes via this narrative only*)
- A. Add "Section 02791 PLAYGROUND SURFACING SYSTEM, PAGES 1-14," included in Book 3.
  - B. Revise Section 03200 to read "CONCRETE REINFORCEMENT."
- Change 3: 01014 Erosion and Sedimentation Control (*included herein*)
- A. Replace section in entirety with revised section 01014 Erosion and Sedimentation Control, dated March 12, 2010.
- Change 4: 02000 Floating Dockage System (*changes via this narrative only*)
- A. Revise 4.06.A.1: Change Bidder to Contractor
  - B. Revise 4.06.A.1: Change Parks Board of Chicago to PBC
- Change 5: 02005 Floating Dock Access Gangways System (*changes via this narrative only*)
- A. Revise 1.05.A.1: Change Bidder to Contractor
  - B. Revise 1.05.A.1: Change Parks Board of Chicago to PBC
- Change 6: 02010 Marina Ice Suppression System (*changes via this narrative only*)
- A. Revise 103.1.A.1: Change Bidder to Contractor
  - B. Revise 103.1.B.2: Change designer/manufacturer to Contractor
- Change 7: 02050 Demolition (*changes via this narrative only*)
- A. Added "Section 02122 – Tree and Landscape Protection and Tree Trimming" to 1.1 C. Related Sections.
- Change 8: 02310 Soil Preparation and Fine Grading (*changes via this narrative only*)
- A. Revise 1.1 B 3 to read "Section 02920 Seeding and Sodding".
  - B. Move 1.1 b 3 to 1.1 B 4 so that sections are listed in order.
- Change 9: 02466 Caissons (*changes via this narrative only*)
- A. Paragraph 1.1.B: Replace reference in entirety with:
    - "B. References:
      1. Standard Specifications for Road and Bridge Construction, adopted by the Illinois Department of Transportation January 1, 2007, and all Supplemental Specifications and Recurring Special Provisions issued through January 1, 2010. (SSRBC)"

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2. AASHTO LRFD Bridge Design Specifications, 2007 with 2008 Interims.
  3. AASHTO Standard Specifications for Highway Bridges, 17<sup>th</sup> Edition, 2002."
- B. Paragraph 3.4.A: At the end of sentence add "and as per IDOT SSRBC article 516".
- C. Paragraph 3.5.3.2: Test Specimens: Remove paragraph b.
- Change 10: 02481 Tree Relocation and Protection (*changes via this narrative only*)
- A. Paragraph 3.7 Add: Article I. Orientation: Trees shall be installed with the same orientation as in its original location.
  - B. Paragraph 3.11.B.1 Revise: All replacements have been made **by the contractor** and approved by the AOR.
  - C. Paragraph 3.11.B.2 Revise: All punch list items have been completed **by the contractor** and approved by the AOR..
- Change 11: 02584 Underground Ducts and Utility Structures (*changes via this narrative only*)
- A. Under section 1.1, add the following:
    - B. All sections of Division 2 and Division 16 apply to this section.**
  - B. Revise section 3.5-E to read:  
"...building walls as specified in Division 16 **Specifications.**" (the rest of that line is deleted)
- Change 12: 02631 Storm Sewers (*changes via this narrative only*)
- A. Added section 1.4 G: As-Built Drawings:
    1. As-built drawings must be submitted following the construction of all Regulated Development. The as-built plans must be signed and sealed by the AOR who prepared the design plans and must include as-built information on the following drawings as a minimum: grading plan, utility plan, sewer details, and stormwater BMP details. The submittal of as-built drawings must be made within 30 days of the completion of construction. Significant penalties (fines) can be assessed by the City of Chicago for failure to comply with these requirements.
    2. For projects located outside of the public right-of-way, as-built drawings must be submitted on a compact disk (CD) in electronic \*.TIF format to:
- Department of Buildings  
Stormwater Review  
City Hall, Room 906  
121 North LaSalle Street  
Chicago IL 60602
- See Department of Water Management Regulations for Sewer Construction and Stormwater Management (Regulations), Chapter II, Section 2.1.3 for file naming conventions.
- B. Revised section 3.2 C. to read: "Temporary Excavation Support Systems: Temporary excavation support systems must be used as necessary to maintain trenches and excavations and to prevent movements of structures or track outside the trench or pit in accordance with Section 02210."
- Change 13: 02632 Precast Concrete Manholes And Catch Basins (*changes via this narrative only*)
- A. Revised Section 1.3 C. 6. to be Section 1.3 D.
  - B. Revised Section 1.3 D. to be Section 1.3 E.
  - C. Revised Section 1.3 E. to be Section 1.3 F.
  - D. Revised Section 2.2 C. to read: "Steps in risers and conical sections must be aligned in each section to form a continuous ladder with rungs equally spaced vertically in the assembled manhole at maximum vertical rung spacing of 16 inch."
- Change 14: 02741 Hot-Mix Asphalt Paving (*changes via this narrative only*)

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- A. Revised Section 1.3 C. 10. to read: "After completion of the each of the Asphalt concrete base and surface courses, test the surface for smoothness, trueness to grades, and proper drainage in the presence of the Commission Representative, by applying sufficient water to wet the entire surface. By observation of the excess water standing on the surface, the Commission Representative will determine the exact areas to be corrected and the methods to be used to achieve the desired results."
  - B. Revised Section 1.3 C. 11. to read: "After corrections have been made, repeat the test and make the necessary corrections as directed. This will result in a minimum of two flooding tests."
  - C. Added Section 1.4 B. : "Reference Section 01352 for LEED submittal requirements."
  - D. Revised Section 2.1 B. to read: "Subbase Granular Material and Portland Cement Concrete Base Course: Reference Section 02751."
- Change 15: 02751 Portland Cement Concrete Paving (*changes via this narrative only*)
- A. Added Section 1.3 G. : "Reference Section 01352 for LEED submittal requirements."
  - B. Revised Section 3.10 B. to read: "Place joint filler between paving components and building (s) or other appurtenances. Recess top of filler 1/2 inch for sealer placement in accordance with Section 07900."
- Change 16: 02791 Playground Surfacing (*changes via this narrative only*)
- A. Delete 2.8 A and B.
  - B. Revise 3.5 E 1 to read "Note: In cooler climates all of the remaining liquid may not be necessary. Adjust amount suitable for your application, depending on the temperature. Do not exceed 1.25 gals (4.7 L per bag. Important: Material can be re-tempered only one time)."
- Change 17: 02810 Irrigation System (*changes via this narrative only*)
- A. Revised 1.2B1 to read "Division 2 Section 'Site Underground Utilities' for water supply from water service piping, water meters, protective enclosures and backflow preventers."
  - B. Deleted article 1.8B and added 3.1D to read:
    - "D. Hydrostatic Pressure Test:
      - 1. Cap risers for hydrostatic pressure tests. Backfill to prevent pipe from moving under pressure. Expose couplings and fittings. The pressure test shall be 150 lbs./sq. in., or 50 percent (50%) above the normal operating pressure, whichever is greater with an allowable pressure drop of not more than 5 psi after a period of four (4) hours. Hydrostatic pressure shall be applied by pumping from an auxiliary supply. The contractor shall accurately determine the amount of water required to reach the initial test pressure and the amount required to re-pressurize the pipe structure at the completion of the test period. Leakage will be detected by visual inspection of piping and pressure gauge at the end of the test period. Replace defective pipe, fitting, joint, valve, or appurtenance. Repeat the test until the pipe passes test."
  - C. Deleted reference to "Bubblers" in 2.6 and 3.7.
  - D. Revise 2.8 to read:
    - "A. Tools: Provide operating keys, servicing tools, and other items as indicated in the General Notes of the drawings.
    - B. Spare Parts: Turn over to the Owner the following for future maintenance.
      - 1. 5 spray head bodies of same type installed during construction.
      - 2. 1 each of the rotary nozzles of same type installed during construction (10 total).
      - 3. 1 quick coupler valve of same type installed during construction.
      - 4. 1 remote control valve of same type installed during construction.
      - 5. 1 remote control drip valve of same type installed during construction.
      - 6. 300 lineal feet of in-line drip tubing of same type installed during construction."
- Change 18: 02833 Ornamental Metal Fence (*changes via this narrative only*)

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- A. Paragraph 1.6.B: Revise: The only acceptable field cutting of fencing materials is at horizontal **channel** rail pieces.
  - B. Paragraph 1.6.D: Revise: All welding shall be done with **welding electrodes compatible with the post and baseplate metal** in a manner that will prevent permanent buckling in the finished work.
- Change 19: 02870 Site Furnishings (*changes via this narrative only*)
- A. Revise 3.1 A to read "Contractor must examine the areas and the conditions under which all items are to be installed and notify the Commission Representative in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to the Commission Representative."
  - B. Revise 2.4 A to read "Heavy duty, round 6" diameter steel post, 34-36" above grade height to accept padlock."
- Change 20: 02900 Planting of Trees, Shrubs and other Plant Materials (*changes via this narrative only*)
- A. Revise 1.12 A 10. to read "Maintenance Instructions: Recommended procedures to be approved by the Commission Representative for maintenance of exterior plants during a calendar year. Submit before beginning of required maintenance periods."
  - B. Delete article 1.3 Definitions, "I. Maintenance Period: Contract period starting at the time of planting and running until substantial completion."
  - C. Revise 1.3 C to read "Installer Qualifications: A qualified landscape installer whose work has resulted in successful establishment of exterior plants.
    - 1. Contractor will submit the following qualifications in writing:
      - a. At least five years of continuous business experience installing high quality plantings.
      - b. The ability to procure all of the plant materials specified for this project. All plants will be procured from nurseries located in USDA Zone 5 or colder areas and all plants will be of the species, size, and quality listed on the Plant List and specified herein.
      - c. Ownership of equipment required to perform the services shown on the Drawings and specified herein.
      - d. A qualified project foreperson and landscape laborers that have performed similar services over a five year period."
  - D. Revise 1.3 G to read "Provide quality, size, genus, species, and variety of exterior plants indicated, complying with applicable requirements in ANSI Z60.1, "American Standard for Nursery Stock." Selection of exterior plants purchased will be made by AOR, who will tag plants at their place of growth before they are prepared for transplanting."
  - E. Delete article 1.7 C 1.
  - F. Delete article 1.7 H 1.
  - G. Revise 1.9 D 2. to read "Vigor: Warrant that all trees, shrubs and herbaceous material planted under this Contract will be healthy and in flourishing condition."
  - H. Delete article 2.1 D.
  - I. Revise 2.7 B 1 to read "Perennials will be mulched with pinebark and compost such as "One Step Mulch and Soil Conditioner" by Midwest Trading Company, 48W805 Route 64; Virgil, IL 60151; Tel: 630-365-1990. Other acceptable manufacturers are:
    - a. Shemin Nurseries, Inc., 755 Lombard Road, Lombard, IL, (630) 773-8090.
    - b. Lake Street Landscape Supply Company, 1810 West Lake Street, Chicago, IL 60612-2630, (312) 226-0760.
  - J. Revise 2.7 A 1 to read "Mulch for trees and shrub plantings will be a 3" coverage of Premium Hardwood Bark Mulch by Midwest Trading Company, 48W805 Route 64; Virgil, IL 60151; Tel: 630-365-1990. Other acceptable manufacturers are:
    - a. Shemin Nurseries, Inc., 755 Lombard Road, Lombard, IL, (630) 773-8090.

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- b. Lake Street Landscape Supply Company, 1810 West Lake Street, Chicago, IL 60612-2630, (312) 226-0760.
- K. Revise 3.5D to read "Tree Wrap: Apply tree wrap in the fall season after being planted and remove wrap in the spring as directed by the Commission Representative."
- Change 21: 03300 Cast-in-place Concrete (*changes via this narrative only*)
- A. Paragraph 1.1.B: Replace reference in entirety with:  
"B. References:
1. Standard Specifications for Road and Bridge Construction, adopted by the Illinois Department of Transportation January 1, 2007, and all Supplemental Specifications and Recurring Special Provisions issued through January 1, 2010. (SSRBC)"
  2. AASHTO LRFD Bridge Design Specifications, 2007 with 2008 Interims.
  3. AASHTO Standard Specifications for Highway Bridges, 17<sup>th</sup> Edition, 2002."
- B. Paragraph 1.2.E.: Remove paragraph 6.
- Change 22: 10210 Exterior Louvers (*changes via this narrative only*)
- A. Paragraph 2.2.A.7: Revised to read " Pressure drop: maximum 0.11 inches water gage including insect screen for 4'X4' size."
- B. Paragraph 2.2.A.8 Revised to read "Zero water penetration air Velocity: at least 1100 fpm."
- C. Paragraph 2.2.E added to read "Louver Hinged Access Door: Provide (2) 3'-0" wide x 6'-0" high tamper proof heavy duty hinged lockable access doors plus a 4'-0" fixed louver in between the 2 access doors at all motorized intake dampers locations see architectural drawings for dimensions. The hinge and all hardware shall be stainless steel. See Mechanical drawings."
- D. Paragraph 3.2.A.5 Added to read "Provide air tight blank off for unused/non damper sections of louvers with 2" insulated thick polystyrene board insulation sandwiched between 20 gage G90 sheet metal."
- Change 23: 13155 Decorative Pool Systems (*included herein*)
- A. Replace section in entirety with revised section 13155 Decorative Pool Systems, dated March 12, 2010.
- Change 24: 15010 General Provisions for Mechanical Work (*changes via this narrative only*)
- A. Paragraph 1.4.A; revise to read: **Submit any and all interior adhesives, sealants, paints, coatings, flooring sealants and composite wood used in this section as described in Specification Section 15052 LEED Requirements.**
- B. Paragraph 1.5; add B. **As per Division 17.**
- Change 25: 15181 Hydronic Piping (*changes via this narrative only*)
- A. Paragraph 2.8.C: delete [Ethylene].
- B. Paragraph 3.1: delete N., N.1
- C. Paragraph 3.8.E, add: **4. Condenser Water (Lake Loop): Minimum 30-percent propylene glycol.**
- Change 26: 15189 HVAC Water Treatment (*changes via this narrative only*)
- A. Paragraph 2.2 should read: **CLOSED HYDRONIC HOT, CHILLED WATER, DUAL TEMPERATURE, CONDENSER WATER (LAKE LOOP) AND GLYCOL SYSTEMS**
- Change 27: 15305 Fire-Suppression Piping (*changes via this narrative only*)
- A. Add 1.1. B 14: Division 1 Section General Commissioning Requirements.
- Change 28: 15710 Lake Heat Exchanger Design (*changes via this narrative only*)
- A. Paragraph 2.1.A.1.a: Change to read: **Major Geothermal (Terry Proffer), 5285 W 48<sup>th</sup> Ave, Wheatridge, CO 80033, 303.424.1622 (phone), 303.423.6975 (fax), [www.majorgeothermal.com](http://www.majorgeothermal.com), [loopman@majorgeothermal.com](mailto:loopman@majorgeothermal.com)**
- B. Paragraph 2.1.A.1.b: Change to read: **AWBE Supply, (James L. O'Marr), 7350 Tom Drive, Baton Rouge, LA 70806, 225.928.2630 (Phone), 225.928.2087 (fax), [info@awebgeo.com](mailto:info@awebgeo.com), [www.awebgeo.com](http://www.awebgeo.com)**

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### Changes to DRAWINGS:

- Change 29: Sheet G0.2 INDEX OF DRAWINGS (*changes via this narrative only*)
- A. Revise LR1.24 to read "PLAYGROUND WATER FEATURE – ALTERNATE 2."
  - B. Add "LR1.25 PLAYGROUND WATER FEATURE – ALTERNATE 2."
  - C. Add "C7.8 UTILITY DETAILS."
  - D. Add "S1.11A GREEN LEVEL COLUMN BASE ANCHOR SETTING PLAN – SECTIONS AND DETAILS."
- Change 30: Sheet G1.01 Life Safety and Fire Partition Plan-Garage (*included herein*)
- A. Revised Legend to match G1.11.
  - B. Revised table for 4hr Fire wall openings.
- Change 31: Sheet G1.01-ALT Life Safety and Fire Partition Plan-Garage (*included herein*)
- A. Revised Legend to match G1.11.
  - B. Revised table for 4hr Fire wall openings.
- Change 32: Sheet G3.2 PROJECT CONSTRUCTION STAGING INFORMATION (*changes via this narrative only*)
- A. Revised Note 16: "Traffic signals must not be modified in any way unless indicated on the plans or as directed by the Commission Representative. Traffic signal improvements will be performed by the City of Chicago Division of Electrical Operations (DOE). The Contractor must coordinate the traffic signal improvement work with the DOE."
- Change 33: Sheet G3.3 PROJECT CONSTRUCTION STAGING INFORMATION (*changes via this narrative only*)
- A. Added note TC3.: "Temporary Concrete Barrier units placed on rigid pavement or sidewalk surfaces must be seated with Styrofoam pads. Units placed on flexible pavements or shoulders must be secured with dowel bars unless otherwise directed by the Commission Representative. Dowel bars must be 1-inch in diameter, at least 12-inches long, must be embedded at least 8-inches in the base material, and must not project above the outer surface of the barrier. After bar removal, all holes in the base must be grout filled."
- Change 34: Sheet ME 1.1SLIP LAYOUT PLAN (*included herein*)
- A. Changes to indications for ADA accessible boat slips on piers J/K/L.
- Change 35: Sheet ME1.2 FUEL DOCK PLAN & DETAILS (*included herein*)
- A. Modified dimensions referenced to Details 1 and 6.
- Change 36: Sheet ME 3.1ELECTRICAL PLAN (*included herein*)
- A. Changes to indications for ADA accessible boat slips on piers J/K/L.
- Change 37: Sheet ME 5.1 ICE SUPPRESSION SYSTEM (*included herein*)
- A. Changes to indications for ADA accessible boat slips on piers J/K/L.
- Change 38: Sheet ME 6.1 ICE SUPPRESSION SYSTEM (*included herein*)
- A. Added enclosure anchoring to Detail A: Air Compressor Enclosure – Section View.
- Change 39: Sheet ME 7.1 DOCK UTILITIES SANITARY & WATER (*included herein*)
- A. Changes to indications for ADA accessible boat slips on piers J/K/L.
- Change 40: Sheet C0.1 CIVIL NOTES ABBREVIATIONS AND SYMBOLS (*changes via this narrative only*)
- A. Added abbreviation "CLSM Controlled Low Strength Material"
- Change 41: Sheet C2.1 SITE DEMOLITION PLAN (*changes via this narrative only*)
- A. Revised note 15.: "Pay/display boxes to be removed and reinstalled at the Ft. Dearborn lot. Concrete base to be removed. Contractor must coordinate removal, and immediate reinstallation of pay/display boxes with the Commission Representative. See landscape plans LS2.01 thru LS2.05 and LS5.01 for further details."
- Change 42: Sheet C2.3 SITE DEMOLITION PLAN (*changes via this narrative only*)
- A. Added "flag pole to remain" call-out for the existing flag pole located approximately 65' north of the beach house.
  - B. Removed call-out "Limit to be coordinated with CDOT" between points 7 and 8.
- Change 43: Sheet C4.5 SITE GRADING PLAN (*changes via this narrative only*)

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- Change 44: Sheet C4.6 SITE DRAINAGE PLAN (*changes via this narrative only*)
  - A. Revised sheet number reference for median detail call-out to read "C6.2B"
  - A. Revised rim elevation for MH-27 to 12.28
  - B. Revised rim elevation for MH-28 to 12.74
  - C. Revised rim elevation for MH-29 to 12.12
  - D. Revised rim elevation for MH-30 to 12.69
- Change 45: Sheet C4.7 SITE DRAINAGE PLAN (*changes via this narrative only*)
  - A. Revised rim elevation for MH-32 to 11.90
  - B. Revised rim elevation for MH-33 to 11.10
  - C. Revised rim elevation for MH-34 to 11.73
  - D. Revised rim elevation for MH-37 to 12.09
  - E. Revised rim elevation for MH-39 to 11.90
  - F. Revised rim elevation for MH-40 to 11.29
  - G. Added manhole MH-40A, rim elevation 11.90, invert elevation 4.70
  - H. Added Infiltration Trench from MH-37 to MH-39, 95.33 LF 24" Perf RCP @ 0.002%. Inv Up: 4.70, Inv Down 4.51
  - I. Added Infiltration Trench from MH-40 to MH-40A, 90.44 LF 24" Perf RCP @ 0.002%, Inv Up: 4.88, Inc Down 4.70
- Change 46: Sheet C4.20C STORM SEWER DETAILS (*included herein*)
  - A. Added Detail 12 – Type 7 Grate.
  - B. Added geofabric wrap to Detail 9 as shown.
  - C. Added geofabric to Detail 10 as shown.
- Change 47: Sheet C5.2A SITE EROSION CONTROL DETAILS (*included herein*)
  - A. Revised symbol for Rolled Excelsior Ditch Check
- Change 48: Sheet C6.1A SITE PAVING PLAN (*changes via this narrative only*)
  - A. Added notation to N/E Data point 2: "(Begin transition from mountable to B6.12 C&G)"
  - B. Added call-out for curb type at northernmost driveway: "Combination concrete curb and gutter, Type B6.12 (R)"
- Change 49: Sheet C6.2A SITE PAVING DETAILS (*changes via this narrative only*)
  - A. Added the following note to Item 10 in the Bicycle Path legend: "(Place at the the top and bottom of drainage aggregate layer)"
- Change 50: Sheet C7.1 SEWER DEMOLITION AND ADJUSTMENT PLAN (*included herein*)
  - A. Revisions to existing structure adjustments.
  - B. Added existing sewer insulation requirements.
- Change 51: Sheet C7.2 SANITARY SEWER AND WATER SERVICE PLAN (*included herein*)
  - A. MH 5-1 relocated.
  - B. MH 5-2 relocated and revised to CB 5-2.
  - C. MH 5-3 eliminated.
- Change 52: Sheet C7.4 SANITARY SEWER AND WATER SERVICE ENLARGEMENT PLANS (*included herein*)
  - A. Additional pertinent notes.
- Change 53: Sheet C7.5 SANITARY SEWER PROFILES (*included herein*)
  - A. Revised sewer profile associated with Add Alt No. 2.
- Change 54: Sheet C7.8 UTILITY DETAILS (*included herein*)
  - A. Additional pertinent details.
- Change 55: Sheet LS2.01 LANDSCAPE KEY PLAN (*changes via this narrative only*)
  - A. Master List: New Trees Planting Schedule: Add

CODE	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
<b>AG</b>	<b>14</b>	<b>Alnus glutinosa</b>	<b>Black Alder</b>	<b>8'H</b>	<b>B&amp;B</b>	<b>Clump</b>

- B. Master List: New Shrubs Planting Schedule: Revise

CODE	QUAN	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
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CS	95	Cornus sericea	<b>Redosier Dogwood</b>	48"	B&B	48" naturalized
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- Change 56: Sheet LS2.02 LANDSCAPE PLAN A *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 57: Sheet LS2.03 LANDSCAPE PLAN B *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 58: Sheet LS2.04 LANDSCAPE PLAN C *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 59: Sheet LS2.05 LANDSCAPE PLAN D *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 60: Sheet LS2.06 LANDSCAPE PLAN E *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 61: Sheet LS2.07 LANDSCAPE PLAN F *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 62: Sheet LS2.08 LANDSCAPE PLAN G *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 63: Sheet LS2.09 LANDSCAPE PLAN H *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 64: Sheet LS2.10 LANDSCAPE PLAN I *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
  - B. Detail 1: Revise paving detail call out 3/ 3.03 to 3/3.02
- Change 65: Sheet LS2.11 LANDSCAPE PLAN J *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 66: Sheet LS2.10 LANDSCAPE PLAN J *(changes via this narrative only)*
  - A. Civil sheets C6.1A to C6.1E SITE PAVING PLAN show full extent of signage
- Change 67: Sheet LS5.01 PAVING & SITE DETAILS *(changes via this narrative only)*
  - A. Detail 7: Revise curb reinforcing reference to sheet C6.2B
- Change 68: Sheet LS5.02 FENCING DETAILS *(changes via this narrative only)*
  - A. Commission to provide all pad locks
- Change 69: Sheet LR1.2 LAYOUT AND MATERIALS PLAN and LR1.2 – ALT 2 *(changes via this narrative only)*
  - A. Revised bollard tag at the playground entry to read "10/S2.03" in lieu of "4/LR1.20 BOLLARD (SIM TO)"
  - B. Revised bollard tag at NW corner of parking garage to read "10/S2.03" in lieu of "4/LR1.20 BOLLARD (SIM TO)"
- Change 70: Sheet LR1.3 LAYOUT AND MATERIALS PLAN and LR1.3 – ALT 1 *(changes via this narrative only)*
  - A. Revised area drain tag at west edge of parking garage to read "5/A8.01" in lieu of "6/LR1.12"
- Change 71: Sheet LR1.4 LAYOUT AND MATERIALS PLAN *(changes via this narrative only)*
  - A. Revised bollard tag at the playground entry to read "9/S2.03" in lieu of "4/LR1.20"
- Change 72: Sheet LR1.6 LAYOUT AND MATERIALS PLAN – ENLARGEMENT PLANS *(changes via this narrative only)*
  - A. Revised tag "EVENT TENT SLEEVE IN TURF, 10 TYP." to read "EVENT TENT SLEEVE IN TURF, 2 TYP., EACH TENT"
  - B. Revised tag "EVENT TENT SLEEVE, 10 TYP." to read "EVENT TENT SLEEVE, 2 TYP., EACH TENT"
  - C. Graphic representation of bench in Furniture Schedule to be double size to match graphic symbol bench in plan.
- Change 73: Sheet LR1.11 DETAILS – HARDSCAPE *(changes via this narrative only)*
  - A. Details #3 and #4 – revised tag (in section) "REMOVABLE EVENT TENT STEEL POLE" to read "REMOVABLE EVENT TENT STEEL POLE – NIC"
  - B. Detail #7 – revised tag (in section) "REMOVABLE EVENT TENT POST" to read "REMOVABLE EVENT TENT POST – NIC"



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- Change 74: Sheet LR1.12 DETAILS – HARDSCAPE (*changes via this narrative only*)
- A. Detail #6 – Delete detail from sheet. Any references to this detail are redirected to detail 5/A8.01.
- Change 75: Sheet LR1.14 SITE FEATURE (*changes via this narrative only*)
- A. Details #1, #2, #3 and #4 – Revised tag “ $\frac{1}{2}$ ” STEEL PLATE ANCHORED TO CONCRETE WALL W/  $\frac{5}{8}$ ” DIA EXPANSION ANCHOR STAINLESS STEEL,  $5 \frac{1}{2}$ ” EMBEDMENT TYP.” to read “POST ANCHOR BRACKET –  $\frac{1}{2}$ ” STEEL PLATE GALVANIZED AND ANCHORED TO CONCRETE WALL W/  $\frac{5}{8}$ ” DIA EXPANSION ANCHOR STAINLESS STEEL,  $5 \frac{1}{2}$ ” EMBEDMENT TYP.”
  - B. Details #1, #2, #3 and #4 – Revised tag “POST – 1” THICK PLATE STEEL WELDED TO POST ANCHOR BRACKET” to read “POST – 1” THICK PLATE STEEL GALVANIZED AND WELDED TO POST ANCHOR BRACKET.”
- Change 76: Sheet LR1.15 SITE FEATURE (*changes via this narrative only*)
- A. Details #1 and #2 – Revised tag “ $\frac{1}{2}$ ” STEEL PLATE ANCHORED TO CONCRETE WALL W/  $\frac{5}{8}$ ” DIA EXPANSION ANCHOR STAINLESS STEEL,  $5 \frac{1}{2}$ ” EMBEDMENT TYP.” to read “POST ANCHOR BRACKET –  $\frac{1}{2}$ ” STEEL PLATE GALVANIZED AND ANCHORED TO CONCRETE WALL W/  $\frac{5}{8}$ ” DIA EXPANSION ANCHOR STAINLESS STEEL,  $5 \frac{1}{2}$ ” EMBEDMENT TYP.”
  - B. Details #1 and #2 – Revised tag “POST – 1” THICK PLATE STEEL WELDED TO POST ANCHOR BRACKET” to read “POST – 1” THICK PLATE STEEL GALVANIZED AND WELDED TO POST ANCHOR BRACKET.”
  - C. Detail #1 – Revised tag “CORNER POST” to read “CORNER POST –  $\frac{1}{2}$ ” THICK PLATE STEEL GALVANIZED AND WELDED TO POST”
- Change 77: Sheet LR1.17 SITE FEATURE (*changes via this narrative only*)
- A. Detail #1 – Revised tag “DROP PIN” to read “DROP PIN WITH 4” DEEP PVC SLEEVE EMBEDDED IN FORM PRIOR TO CONCRETE POUR TO RECEIVE DROP PIN”
  - B. Detail #1, SECTION A – Add note and associated graphic “NOTE: PLACE CA7 AT BACK FACE OF WALL, 12 INCHES THICK AND 36 INCHES HEIGHT WITH 6 INCHES COVER. INSTALL 3 INCH DIA WEEP HOLES WITH SCREEN AT 5'-0" O.C.”
- Change 78: Sheet LR1.18 SITE FEATURE (*changes via this narrative only*)
- A. Details #6 and #7 – Revised tag “TIE BACK CABLE (SIZE TBD)” to read “TIE BACK CABLE (SIZE TBD BY SHADE STRUCTURE MANUFACTURER)”
  - B. Details #6 and #7 – Revised tag “OPEN SPELTER SOCKET (SIZE TBD)” to read “OPEN SPELTER SOCKET (SIZE TBD BY SHADE STRUCTURE MANUFACTURER)”
  - C. Details #6 and #8 – Revised tag “CONCRETE EMBEDDED ANCHOR RODS (SIZE AND QUANTITY TBD)” to read “CONCRETE EMBEDDED ANCHOR RODS (SIZE AND QUANTITY TBD BY SHADE STRUCTURE MANUFACTURER)”
  - D. Detail #6 – Revised tag “PIN SECURED BASE (SIZE AND DETAIL TBD)” to read “PIN SECURED BASE (SIZE AND DETAIL TBD BY SHADE STRUCTURE MANUFACTURER)”
- Change 79: Sheet LR1.19 (*changes via this narrative only*)
- A. Detail 1: Revised note to read “Embed 4” x 1” diameter PVC drop bar receivers embedded in form prior to concrete placement, rather than core and insert.”
- Change 80: Sheet LR1.20 SITE FEATURE (*changes via this narrative only*)
- A. Detail #4 – Delete detail from sheet. Any references to this detail are redirected to detail 9/S2.03.
- Change 81: Sheet LR1.21 DETAILS - PLAYGROUND (*changes via this narrative only*)
- A. Detail #1 – Revised Note #2 to read “ENSURE SUBSOIL SLOPES TOWARDS PERFORATED DRAIN TILE”
  - B. Detail #7 – Add tag “COMPACTED SUBGRADE” under CA-6 tag
- Change 82: Sheet LR1.24 DETAILS – PLAYGROUND WATER FEATURE (*included herein*)
- A. Revised sheet title to read “PLAYGROUND WATER FEATURE – ALTERNATE 2”

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- B. Revised plans and added details
- Change 83: Add Sheet L1.25 "PLAYGROUND WATER FEATURE – ALTERNATE 2" (*included herein*)
  - A. Added details and diagrams.
- Change 84: Sheet LR3.1 PLANTING SCHEDULE, SHEET INDEX AND NOTES (*changes via this narrative only*)
  - A. Revised "QAL" tag in Planting Schedule, Street and Shade Trees, Abbr. to read "QBI"
  - B. Revised "CFL" tag in Planting Schedule, Shrubs, Abbr. to read "CST"
  - C. Revised "CSG" tag in Planting Schedule, Shrubs, Abbr. to read "CRA"
  - D. Delete tag "PGL - Prunus glandulosa, Dwarf Flowering Plum" in Planting Schedule, Shrubs
  - E. Delete tag "SNI – Salix nigra, Black Willow" in Planting Schedule, Shrubs
  - F. Revised "SPN - Symphoricarpus arbiculatus" tag in Planting Schedule, Shrubs, to read "SOR – Symphoricarpus orbiculatus"
  - G. Included tag "VLE – Viburnum lentago, Nannyberry, 5 gal. 4" in Planting Schedule, Shrubs
  - H. Revised tag "1 gal., 2" in Planting Schedule, grasses, PVC, Min. Size, Min. Spacing to read "plug, 12"
  - I. Revised tag "1 gal., 2" in Planting Schedule, grasses, PVN, Min. Size, Min. Spacing to read "plug, 12"
  - J. Revised tag "1 gal., 2" in Planting Schedule, grasses, SHE, Min. Size, Min. Spacing to read "plug, 12"
  - K. Revised "PCL" tag in Planting Schedule, Grasses, Abbr. to read "PVC"
  - L. Revised "SEH – Sesleria heurfleriana" tag in Planting Schedule, Grasses, to read "SAU – Sesleria autumnalis"
  - M. Added tag "HMA – Hakonechloa macra, Japanese Forest Grass, 1 gal. 12" in Planting Schedule, Grasses
  - N. Deleted tag "XTE – Xerophyllum tenex, Beargrass" in Planting Schedule, Grasses
  - O. Added under Planting Schedule, Shrubs, Notes, "Provide B&B shrubs, in lieu of container, to address the plant coverage as shown in drawings where soil depth is appropriate."
- Change 85: Sheet LR3.2 PLANTING PLAN (*included herein*)
  - A. Updated PLANT QUANTITY\_BASE plant Abbr., quantities, genus, species.
  - B. Updated PLANTING LEGEND
  - C. Revised plant callouts and plant graphics
  - D. Revised plant layout at NW corner of parking garage adjacent to RPZ
  - E. Revised plant layout at Northern valve location
- Change 86: Sheet LR3.3 PLANTING PLAN (*included herein*)
  - A. Updated PLANTING LEGEND
  - B. Revised plant callouts and plant graphics
  - C. Delete PLANT QUANTITY\_BASE and refer to sheet LR3.2 PLANTING PLAN for PLANT QUANTITY\_BASE
- Change 87: Sheet LR3.4 PLANTING PLAN (*changes via this narrative only*)
  - A. Revised "14-SPN" tag at south edge of parking garage to read "14-SOR"
  - B. Revised "34-CSI" tag at south edge of parking garage to read "35-SOR"
  - C. Revised "15-SPN" tag at south edge of parking garage to read "15-SOR"
  - D. Revised "15-SPN" tag at south west edge of parking garage to read "188 DSP"
  - E. Added "5-PSE" tag at northwest grouping of tree symbols
  - F. Added "5-QBI" tag at southwest grouping of tree symbols
  - G. Added "D" tag at west edge graphic symbol for sod
  - H. Added "B" tag at west edge graphic symbol for Panicum virgatum 'Dallas Blues'
  - I. Added "E" tag at west edge graphic symbol for Sporobolus heterolepis w/ forbe mix
  - J. Delete PLANT QUANTITY\_BASE and refer to sheet LR3.2 PLANTING PLAN for PLANT QUANTITY\_BASE
- Change 88: Sheet LR1.5 – ALT 1&2 – LAYOUT AND MATERIALS PLAN – ALTERNATE 1&2 ENLARGEMENT PLANS (*changes via this narrative only*)

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- A. Detail #1 – included tag "9' FALL HEIGHT" at the safety surface area with climbing wall feature.
- Change 89: Sheet LR3.2 – ALT 2 PLANTING PLAN (*included herein*)
- A. Updated PLANT QUANTITY\_ALT plant Abbr., quantities, genus, species.
  - B. Updated PLANTING LEGEND
  - C. Revised plant callouts and plant graphics
  - D. Revised plant layout at NW corner of parking garage adjacent to RPZ
  - E. Revised plant layout at Northern valve location
- Change 90: Sheet LR3.3 – ALT 1 PLANTING PLAN (*included herein*)
- A. Updated PLANTING LEGEND
  - B. Revised plant callouts and plant graphics
  - C. Delete PLANT QUANTITY\_ALT and refer to sheet LR3.2 – ALT 2 PLANTING PLAN for PLANT QUANTITY\_ALT
- Change 91: Sheet LR3.4 – ALT 1 PLANTING PLAN (*changes via this narrative only*)
- A. Revised "22-CST" tag at west edge of parking garage to read "23-CST"
  - B. Revised "6-COB" tag at west edge of parking garage to read "11-COB"
  - C. Revised "14-COB" tag at west edge of parking garage to read "15-COB"
  - D. Revised "17-COB" tag at south edge of parking garage to read "31-COB"
  - E. Delete PLANT QUANTITY\_ALT and refer to sheet LR3.2 – ALT 2 PLANTING PLAN for PLANT QUANTITY\_ALT
- Change 92: Sheet A0.11 – Code Matrix, Architectural Notes, Diagrams, and abbreviations (*changes via this narrative only*)
- A. The following changes made to the Code Matrix:
    - 1. Under 2.05 Roof Construction; input in the "Actual" Column changed from 3hr to \*2hr & 4hr with remark "4 hrs above Harbor building only as a provision for next phase of project"
    - 2. Under 2.10-Fire Walls input in the "Ordinance Required" Column changed from n/a to "(b) Walls not exceeding 14 feet in unsupported height – four hours. Fire walls shall extend not less than 36 inches above the roof, except that the fire walls may extend to the roof level when the roof is of fire-resistive construction for a distance of not less than 40 feet on each side of the wall"
    - 3. Under 2.10-Fire Walls input in the "Actual" Column changed from n/a to "4 hrs. Roof is fire-resistive construction, no parapet"
- Change 93: Sheets A1.01B, A1.01C, A1.01D, A1.01D-ALT, A1.01E-ALT, A3.03, A3.04, A3.04-ALT, details 4 and 5 on sheet A5.01: (*changes via this narrative only*)
- A. Exhaust fan opening to be 43" x 43" in lieu of 4'-7" x 4'-7".
  - B. Add note " For exhaust fan opening coordinate with mechanical contractor."
- Change 94: Sheets A1.02 and A1.02-ALT: (*changes via this narrative only*)
- A. Revise General note to read "For Mounting heights see 11/EL-31."
- Change 95: Sheet A1.11 – Harbor Building Parking Level Floor Plan (*changes via this narrative only*)
- A. The wall between the Mechanical Room 108 and Storage Room 109 was incorrectly tagged as partition type 1. It has been corrected to read partition type 1A.
  - B. The wall between the Storage Room 109 and Tele/Com Room 110 was incorrectly tagged as partition type 1. It has been corrected to read partition type 1A.
- Change 96: Sheet A2.11 – Harbor Building Parking Level Reflected Ceiling Plan (*included herein*)
- A. Provide one additional 12x12 return grill in J/C 112. Ref M1.1B and M7.1 for location and schedule.
  - B. Provide one additional electric heater in W/C 107. Ref M1.1B and M7.2 for location and schedule.
- Change 97: Sheets A3.0.1, A3.02, and A3.01-ALT: (*changes via this narrative only*)

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- A. Add General note to read "For surface mounted lights with recess junction box and concealed conduits see EL-1- 4, EL-1-5, EL-1-7 and EL-1-8. For Mounting heights see 11/EL-31."
  - B. Revise all (2) 5'-0" wide Louver panels to be 3'-0" wide access door louver + 4'-0" wide fixed louver + 3'-0" wide access door louver.
  - C. Add note to read "For Mechanical louver see detail 7/M5.4"
- Change 98: Sheet A3.11 – Harbor Building Elevation (*included herein*)
- A. In Detail 3/A3.11, call out and dimensions for masonry control joints missing, reference detail for joint/caulking of masonry missing. All missing items referenced have been added to Detail 3/A3.11.
  - B. In Detail 4/A3.11, Mounting height is incorrectly labeled, this has been changed to reference detail 11/EL3.1
  - C. In Details 1, 2, & 3, railing added graphically and note changed to reference LR 1.11 6&8 for railing details
  - D. In Detail 3/A3.11, Missing mechanical dampers and grills added to elevation per M1.1B and M7.1
- Change 99: Sheet A5.11 – Harbor Building Wall Sections (*changes via this narrative only*)
- A. Detail 2/A5.11 has been changed to note that the surface mounted downlight over the main entrance is to have a recessed j-box and its electrical conduit concealed within the concrete garage structure.
- Change 100: Sheet A6.02 – Enlarged Garage Plans, Sections and Details (*changes via this narrative only*)
- A. Detail 1 Snow Melting System note to read "Snow Melting System See E5.1."
- Change 101: Sheet A6.08 Miscellaneous Details: (*changes via this narrative only*)
- A. A.Detail 5 Louver note to be revised with " Louver to be accessible from the outside. Provide 5'-0" x 6'-0" hinged type accessible louver (lockable) at all motorized intake damper locations." Provide air tight blank off for unused/non damper sections of louvers with 2" insulated thick polystyrene board insulation sandwiched between 20 gage G90 sheet metal."
- Change 102: Sheet A15.11 – Toilet Room Plans, Elevations and Details (*included herein*)
- A. References to see Finish Plan on A13.11 has been corrected to reference A12.11.
  - B. References to see A6.11 for various mounting height information has been deleted. The mounting height diagram on A6.11 was removed prior to the IFB set and the information integrated into sheet A15.11.
  - C. The note on 4/A15.11 regarding an Ambulatory stall has been removed. The women's room has an Alternate Stall (not an Ambulatory Stall).This note has been removed.
  - D. Notes regarding continuous angle cleat supports at the solid surface counters have been added to details 2 and 3/A15.11.
  - E. A note regarding the keypad locking system at both the men's and women's bathroom doors has been added to detail 1/A15.11.
  - F. Detail 12/A15.11 has been added to the sheet to document the control wall for the handicap accessible shower stalls.
  - G. Electric Heater missing from J/C 112, symbol and note added, Ref M1.1B and M7.2 for location and schedule.(
  - H. Various drafting issues on the sheet have been fixed / cleaned up so as to maximize clarity and intent
- Change 103: Sheet S1.11A Green Level Column Base Anchor Setting Plan – Sections and Details (*included herein*)
- A. This sheet was omitted from the IFB set, but is hereby added.
- Change 104: Sheet S2.02 Slab On Grade Typical details (*changes via this narrative only*)
- A. For detail 10: Delete T/4 (depth of control joints) and replace with "1" to 1 ½" deep and ¾" min radius."
- Change 105: Sheet S3.04 Terrace Sections (*changes via this narrative only*)

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- A. For details 1, and 2: Add general note: "Contractor to capture all shot blasting materials used to clean the existing revetment such that it does not pollute the lake."
- Change 106: Sheet S3.06 Enlarged Lid Plans and sections (*changes via this narrative only*)
- A. For details 2, and 6: Add general note: "For waterproofing and drainage assembly see sheet A6.07."
- B. For detail 3 and 5 replace "For waterproofing and drainage assembly see sheet A6.07." in lieu of "(RE:ARCH)".
- Change 107: Sheet S3.12 Exterior Stairs – Sections and Details
- A. Elevation C and Section 8 are revised.
- Change 108: Sheet SU1.1 PEDESTRIAN UNDERPASS GENERAL PLAN & SECTION (*changes via this narrative only*)
- A. Revised Name Plate to read: "
- LAKEFRONT TRAIL UNDERPASS  
AT 31ST STREET HARBOR DRIVE  
BUILT 20\_\_ BY  
CHICAGO PARK DISTRICT  
STA. 14+78.19  
STR. NO. 016-9001 LOADING HL-93
- Change 109: Sheet M0.1 MECHANICAL ABBREVIATIONS, NOTES AND SYMBOLS (*via narrative only*)
- A. General Notes 58 & 59 added to read:
- 58: The bottom of mechanical equipment and duct work in garage shall be 16' AFF. Coordinate with structural plans for garage signage.
- 59: All sensors (thermostats, CO2 & NO2) in garage and public spaces shall have tamper-proof lockable protective covers.
- B. City of Chicago note 2 revised to read: **All work shall conform to the current City of Chicago Codes 2010 and Ordinances**
- C. Note 60 added: **Provide ¾" armaflex insulation on refrigerant piping**
- D. Note 57 revised to read: **Insulate air separator with 1-1/2" thick blanket mineral wool and PVC jacket**
- E. Note 53 revised to read: **All unlined supply ductwork shall be insulated with 1-1/2" thick fiberglass blanket insulator except in fan room. Provide 1-1/2" thick fiberglass bound with vapor barrier for supply ductwork in fan room.**
- Change 110: Sheet M1.1B GARAGE LEVEL PARTIAL VENTILATION PLAN – B (*included herein*)
- A. Ducts are re-routed for garage manager room
- B. Return grille tag changed in boat storage room, boat store
- C. Garage thermostat mounting height indicated as 5'-0" AFF
- D. Garage CO sensor mounting height indicated as 5'-0" AFF
- E. Garage NO2 sensor mounting height indicated as 17'-0" AFF
- Change 111: Sheet M2.1B GARAGE LEVEL PARTIAL PIPING PLAN – B (*included herein*)
- A. Condensate line from ACU-2 is revised from ¾" to 1"
- B. Pipe size for AHU dual temperature coil is added as 2"
- C. Pipe size for MAU dual temperature coil is added as 2"
- D. Pipe size for MAU reheat coil is added as 1"
- E. Pipe size for WSHP-2 source side added as 2"
- F. Pipe size for WSHP-2 load side added as 1-1/2"
- G. Pipe size for PFS-2 added as ¾"
- Change 112: Sheet M3.1 GEOTHERMAL PIPING SECTION (*included herein*)
- A. Geothermal Pipe Routing section: Thrust block locations added to detail 1
- B. Details 2 & 3: notes revised
- C. Closed loop lake condenser water design requirements; notes added
- Change 113: Sheet MS1.1 MECHANICAL SITE PLAN (*included herein*)

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- Change 114: Sheet M4.2 HYDRONIC PIPING FLOW DIAGRAM SOURCE SIDE (*included herein*)  
A. Geothermal Pipe Routing Section: designated area for geo-heat exchanger extended.
- Change 115: Sheet M4.3 HYDRONIC PIPING FLOW DIAGRAM LOAD SIDE (*included herein*)  
A. Valves and Tags added.
- Change 116: Sheet M5.4 MECHANICAL DETAILS (*included herein*)  
A. Tags added.
- Change 117: Sheet M7.1 VENTILATION SCHEDULE (*via narrative only*)  
A. Details 1, 2, 5, 6, 7 updated.
- Change 118: Sheet M7.2 (*included herein*)  
A. Exhaust grille schedule for Type E is revised to have opposed blade damper.
- Change 119: Sheet M8.1 (*included herein*)  
A. Revised WSHP-1, WSHP-1a Schedule  
B. Revised Flow Meter Schedule
- Change 120: Sheet M8.1 (*included herein*)  
A. Added flowmeter  
B. Added pot feeder on load side.
- Change 121: Sheet IAS4.01 (*included herein*)  
A. Revised WSHP – 2 points.
- Change 122: Sheet IAS4.02 GROUND LOOP – FLOW DIAGRAM, POINTS LIST (*via narrative only*)  
A. Points 51 thru 6 (trending & screen display added)  
B. Points 51, 54 (DO added)  
C. Points 52, 53, 55 (DI added)  
D. Point 56 (AI added) (out of range added)  
E. Points 11, 12, 13, 14, 15, 21, 22 (Screen display added)
- Change 123: Sheet IAS4.07 EF, ACU, AND UH – CONTROL DETAILS (*via narrative only*)  
A. Unit heater revised from 8 to 4  
B. Schedule UM-XX is revised to read UH-1, 2, 3, 4 (typical)  
C. ACU-1 is revised as ACU-1a; ACU-16
- Change 124: Sheet IAS4.08 GARAGE GEF AND GUH – CONTROL DETAILS (*via narrative only*)  
A. Garage unit heater quantity is revised from 30 to 37  
B. Schedule UH-XX is revised to read GUH-1 thru 37 (typical)
- Change 125: Sheet P1.1B GARAGE LEVEL PARTIAL PLUMBING SUSPENDED FLOOR PLAN - B (*via narrative only*)  
A. Changed water closet type from WC-1 to WC-2 in Women's Toilet room; easternmost water closet.  
B. Added general note "All pendent sprinklers shall be dry type".
- Change 126: Sheet P3.1 PLUMBING RISER DIAGRAMS (*via narrative only*)  
A. Changed water closet types to coordinate with fixture schedule designations; men's and women's toilet rooms.  
B. Changed vent thru roof type to coordinate with plans and with detail on landscape Sheet LR1.17; six vent thru roof locations on the diagrams.
- Change 127: Sheet P4.1 PLUMBING DETAILS (*via narrative only*)  
A. Indicated concrete encasement for basins at Detail 1, Duplex Sewage Ejector Pump, and Detail 2, Duplex Sump Pump.  
B. Coordinated drain tile invert elevation reference at Detail 5, Exterior Drain Tile Wall Cleanout, to be consistent with drain tile elevation schedule at Detail 7.
- Change 128: Sheet P5.1 PLUMBING SCHEDULES (*via narrative only*)  
A. Plumbing Fixture Schedule: revised quantities of water closet WC-1 to six (6) such to coordinate with plan – Women's Restrooms.  
B. Plumbing Fixture Schedule: revised quantities of shower SH-1 to twelve (12) such to coordinate with plan – Locker Rooms.
- Change 129: Sheet ES1.2 ELECTRICAL SITE PLAN (*via narrative only*)

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- Change 129: Sheet ES1.3 ELECTRICAL SITE PLAN (*included herein*)  
A. Sheet Note 11 was added to read **"Refer to Sheet S2.03 for protective bollard detail"**.
- Change 130: Sheet ES1.4 ELECTRICAL SITE PLAN (*via narrative only*)  
A. Connections to Fuel Dock have been modified to show the correct connection locations  
B. Sheet Note #7 was added to read: **"refer to Sheet S2.03 for protective bollard detail."**
- Change 131: Sheet ES1.5 ELECTRICAL SITE PLAN (*via narrative only*)  
A. Sheet note #4 was added to read: **"Refer to Sheet S2.03 for protective bollard detail"**.  
A. Wiring Tag C7 between DP-PN-2 and the first light fixture to the north has been modified to read **C2**.  
B. Wiring Tag C6 between Handhole B1 and the first light fixture to the north has been modified to read **C2**. (located just west of handhole LPN1.2).  
C. Sheet Note #4 was added to read: **"Refer to Sheet S2.03 for protective bollard detail"**.
- Change 132: Sheet ES1.6 ELECTRICAL ENLARGED SITE PLANS (*included herein*)  
A. Added bollards to protect transformer #10 under base scope only (and associated keyed note).  
B. Corrected detail and feeder tags.  
C. Sheet Note #13 was added to read: **"Refer to Sheet S2.03 for protective bollard detail."**
- Change 133: Sheet ES1.7 ELECTRICAL ENLARGED SITE PLANS (*included herein*)  
A. Added power connection (and associated notes) for civil sump pump (SP-2).  
B. Corrected feeder tags.  
C. Sheet Note #8 was added to read: **"Refer to Sheet S2.03 for protective bollard detail."**
- Change 134: Sheet ES1.8 ELECTRICAL SITE ENLARGED PLANS (*via narrative only*)  
A. Modified Keyed Note #1 to read: "...size conduit as required by CEC." The rest of the note was deleted.  
B. Modified Alternate Keyed Note #A1 to read: "Equipment (**and associated conduit and wiring**) provided under base scope and omitted under alternate scope."  
C. Modified Alternate Keyed Note #A2 to read: "Equipment (**and associated conduit and wiring**) shall be relocated under alternate scope."
- Change 135: Sheet ES1.9 ELECTRICAL SITE ENLARGED PLANS (*via narrative only*)  
A. Modified Alternate Keyed Note #A1 to read: "Equipment (**and associated conduit and wiring**) provided under base scope and omitted under alternate scope"  
B. Modified Alternate Keyed Note #A2 to read: "Equipment (**and associated conduit and wiring**) shall be relocated under alternate scope."
- Change 136: Sheet ES2.1 ELECTRICAL SITE DETAILS (*included herein*)  
A. Modified Duct Bank detail #2 to match plans.
- Change 137: Sheet ES2.4 ELECTRICAL SITE DETAILS (*via narrative only*)  
A. Detail #2: added detail keyed note #6 to read: **"PROVIDE A DOUBLE METAL BARRIER WITH A FULL COPPER ELECTROSTATIC SHIELD IN BETWEEN."** Added keyed note #6 on drawing to indicate the internal barrier.  
B. Detail #3: added detail keyed note #6 to read: **"PROVIDE A DOUBLE METAL BARRIER WITH A FULL COPPER ELECTROSTATIC SHIELD IN BETWEEN."** Added keyed note #6 on drawing to indicate the internal barrier.
- Change 138: Sheet E1.1B GARAGE LEVEL PARTIAL LIGHTING PLAN - B (*via narrative only*)  
A. Modified Keyed Note #5 to read: "...Connect all fixtures as indicated using branch circuit feeder size **"C4."** Exact conduit..."
- Change 139: Sheet E2.1A GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN - A (*via narrative only*)  
A. Modified Keyed Note #2 to read: **"Coordinate with Division 15 to mount controller on wall next to disconnect switch."**
- Change 140: Sheet E2.1B GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN - B (*via narrative only*)  
A. Modified Keyed Note #3 to read: "Provide (1) Gateway and (6) Slave Charging Stations..."

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- B. Modified Keyed Note #3 to read: **"Coordinate with Division 15 to mount controller on wall next to disconnect switch"**.
- C. Modified Keyed Note #7 to read: **"Not Used"**
- D. Removed all Addressable Modules and #7 Keyed notes from plan.
- Change 141: Sheet E2.1C GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN - C *(via narrative only)*
  - A. Modified Keyed Note #2 to read: **"Coordinate with Division 15 to mount controller on wall next to disconnect switch."**
  - B. Modified Keyed Note #3 to read: **"Provide (1) Gateway and (6) Slave Charging Stations..."**
- Change 142: Sheet E4.1 ELECTRICAL RISER DIAGRAM *(via narrative only)*
  - A. Modified main CB on MDP-S-1 to read **100A**.
  - B. Modified feeder tag o MDP-S-1 to read **4-1**.
  - C. Modified transformer size on Site Transformer #4 to read **75kVA**
  - D. Modified feeder tag to ATS-EM to read **4-1/0**.
  - E. Modified main CB on DP-H-7 to read **500A**.
  - F. Modified feeder tag to DP-H-7 to read **2:4-25**.
  - G. Modified sheet note #2 to read: **"...See details on E6.3 and E6.4."**
- Change 143: Sheet E4.2 ELECTGRICAL RISER DIAGRAM *(via narrative only)*
  - A. Riser #1: Modified feeder tag to ATS-EM from Site Transformer #3 to read **4-1/0S**, and modified feeder tag to the Fire Pump from Site Transformer #3 to read **4-8S**.
- Change 144: Sheet E4.3 ELECTRICAL RISER DIAGRAM *(via narrative only)*
  - A. Riser #1: Modified main CB on MDP-S-1 to read **100A**, and modified feeder tag to MDP-S-1 to read **4-1**.
  - B. Riser #4: Added Exterior Alarm Bells to be on a FACP control circuit. Added riser note #9 to read: **"Alarm signals from the pressure switches shall trigger the exterior alarm bells to sound."**
- Change 145: Sheet E4.4 SYSTEM RISER DETAILS *(via narrative only)*
  - A. Detail #1: Modified fueling station phone line call out to read **CAT6..**
- Change 146: Sheet E4.5 SYSTEM RISER DETAILS *(included herein)*
  - A. Detail #2: Modified to clearly show all installation types.
- Change 147: Sheet 6.1 ELECTRICAL SCHEDULES *(via narrative only)*
  - A. Added SP-2 to Motor/Equipment Wiring Schedule as follows:

SP-2	Sump Pump	1/3			120	1	2	DP-FS-1	2-10	N/R			N/R				
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- B. Added feeder tags 4-8S and 4-1/0S and removed tags 4-1, 4-2, and 4-3/0 under the "4 WIRE" section of the Feeder Schedule, as follows:

4 WIRE		
<b>4-8S</b>	<b>50A</b>	<b>4 #8, 1"C</b>
<b>4-1/0S</b>	<b>150A</b>	<b>4 #1/0, 2"C</b>
8:4-50	2500A	(8) SETS: 4-500 KCMIL, 3 1/2" C.
10:4-50	3000A	(10) SETS: 4-500 KCMIL, 3 1/2" C.
14:4-50	4000A	(14) SETS: 4-500 KCMIL, 3 1/2" C.

- Change 148: Sheet E6.2 ELECTRICAL SCHEDULES *(via narrative only)*
  - A. Lighting Fixture Schedule: Revised model numbers for F9B and F9C to not include option "NFS". Revised model numbers for F10B and F10C to indicate 240V not 480V.
  - B. Lighting Contactor Schedule: Revised as follows (changes in **bold**):

LIGHTING CONTACTOR	
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TAG	SCHEDULE						
	CONTROLLED CIRCUITS	NUMBER OF POLES	AREA CONTROLLED	CONTROL GROUP *	MAX. VOLTAGE	CIRCUITS ARE FED FROM	REMARKS
LC-1	1/3, 2/4	8	PARKING	S	240	MDP-PW-1	
LC-2	1/3, 2/4, 5/7	8	PARKING	S	240	MDP-PN-1	
LC-3	1/3, 2/4, 5/7, 6/8	12	PARKING	S	240	DP-PN-2	
LC-4	1/3, 2/4, 5/7, 6, 9/11, 13/15	16	SITE	S	480	MDP-S-1	
LC-5	18, 26/28	8	FUEL STATION	FS	240	DP-FS-1	
<p>*LETTERS CORRESPOND TO DIFFERENT CONTROL GROUPS**, DESIGNATED AS FOLLOWS:</p> <p>FS FUEL STATION            S LIGHTING            S SITE LIGHTING</p> <p>**GROUPS SUBJECT TO CHANGE PER OWNER'S REQUIREMENTS</p>							

- Change 149: Sheet E6.3 ELECTRICAL SCHEDULES *(via narrative only)*
  - A. Schedule DP-H-1: Correct DP-H-2 CB rating to read as **300A**.
  - B. Schedule DP-H-2: Remove 277:120V xfmr in circuit 4; move 2-pole CB serving 5KVA TR to circuits 4/6; Make circuit 8 a 20A/1 pole SPARE.
  - C. Schedule DP-H-7: Correct Main CB rating to read as **500A MCB**; correct continuous bus rating to read as **600A**.
- Change 150: Sheet E6.4 ELECTRICAL SCHEDULES *(via narrative only)*
  - A. Schedule MDP-PN-1: Correct circuit 6 to be a 20A/1 pole CB, with a load of 1400VA.
  - B. Schedule DP-PW-1; correct label to read MDP-PW-1.
  - C. Schedule DP-FS-1: Add SP-2 to circuit 33, indicate a GFCI CB.
- Change 151: Sheet E7.1 ELECTRICAL ENLARGED PLANS *(via narrative only)*
  - A. Plan #1: Modified Keyed Note #2 to read: "**Not Used**". Removed all Addressable Modules and #2 keyed notes from plan.
  - B. Plan #3: changed the number of Heat Detectors in the mechanical room from 1 to 2, and located them to have even coverage spacing.
  - C. Plan #6: Changed the number of Heat Detectors in the mechanical room from 1 to 2, located them to have even coverage spacing.
- Change 152: Sheet ES1.2\_ALT-1 ELECTRICAL SITE PLAN *(via narrative only)*
  - A. Enlarged plan tag referencing 1/ES1.8\_ALT-1 is corrected to read **1/ES1.6\_ALT-1** (tag located near the ne corner of the garage building).
  - B. Sheet Note #11 was added to read: "**Refer to Sheet S2.03 for protective bollard detail**".
- Change 153: Sheet ES1.6\_ALT1, 2 ELECTRICAL ENLARGED SITE PLANS ALTERNATE 1. 2 *(included herein)*
  - A. Plan 2: adjusted fountain control conduits to match changes made to fountain design.
  - B. Sheet note #7 was added to read: "**Refer to Sheet S2.03 for protective bollard detail.**"
- Change 154: Sheet E2.1A\_ALT-1 GARAGE LEVEL PARTIAL POWER AND SYSTEM PLAN – A *(via narrative only)*
  - A. Modified Keyed Note #2 to read: "**Coordinate with Division 15 to mount controller on wall next to disconnect switch**".
- Change 155: Sheet E2.1B\_ALT-1 GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN – B ALTERNATE 1 *(via narrative only)*
  - A. Modified Keyed Note #3 to read: "Provide **(2)** Gateway and **(8)** Slave charging Stations..."
  - B. Modified Keyed Note #5 to read: "**Coordinate with Division 15 to mount controller on wall next to disconnect switch.**"

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- Change 156: Sheet E2.1C\_ALT-1 GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN – C ALTERNATE 1  
(*via narrative only*)
- A. Modified Keyed Note #7 to read: **“Not Used.”**
  - A. Modified Keyed Note #3 to read: **“Provide (2) Gateway and (8) Slave Charging Stations...”**
  - B. Modified Keyed Note #5 to read: **“Coordinate with Division 15 to mount controller on wall next to disconnect switch.”**
- Change 157: Sheet E2.1D GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN – D (*via narrative only*)
- A. Modified Keyed Note #2 to read: **“Coordinate with Division 15 to mount controller on wall next to disconnect switch.”**
- Change 158: Sheet E2.1D\_ALT-1 GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN – D ALTERNATE 1  
(*via narrative only*)
- A. Modified Keyed Note #2 to read: **“Coordinate with Division 15 to mount controller on wall next to disconnect switch.”**
- Change 159: Sheet E2.1E\_ALT-1 GARAGE LEVEL PARTIAL POWER AND SYSTEMS PLAN – E ALTERNATE 1  
(*via narrative only*)
- A. Modified Keyed Note #2 to read: **“Coordinate with Division 15 to mount controller on wall next to disconnect switch.”**
- Change 160: Sheet EL-0.2 Architectural Lighting Fixture Schedule (*changes via this narrative only*)
- A. Specification for Type S5A fixture specification is revised to a surface mounted fixture rather than a recessed mounted fixture. Type S5A - MP Lighting - Specification # L01-1W-3000K-120-F-0-0-MA-MOD Mod = *provide matte clear anodized housing to conceal splice box cover and hardware*. Type S5A (alt) – ALDABRA – Specification # POL047.23-CAS.0067.99. For base and alternate fixture E.C. to provide drivers and power supplies as required for a complete installation.
  - B. Delete Type S5B
- Change 161: Sheet EL-1.4 SITE LIGHTING (*changes via this narrative only*)
- A. Mounting detail for Type S5A detail at monumental stairs: surface mount Type S5 at the top of the 3/8” bent steel bracket supporting each tread. Fixtures shall be oriented so as to allow connections of splice box to bent steel bracket to be made without penetrating the stringer. All fixtures shall be oriented in the same way for a consistent appearance.  
Connections visible on the outboard side of the bracket shall utilize round-headed mounting hardware finished to match the bracket for a clean appearance. Conduit along inside face of bent plate shall be mounted tightly in the corner of the angle bracket. All fixtures per side of stairs shall be fed from remote power supplies through one conduit run. Multiple runs of conduit are not acceptable. Paint all conduit and splice-boxes to match mounting surface.
  - B. Detail 1, Delete Type S5B from concrete treads of monumental stair.
- Change 162: Sheet FP0.1 FIRE PROTECTION GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND SCHEDULES (*via narrative only*)
- A. Changed horizontal sidewall type in the sprinkler schedule to a dry type and changed the manufacturer and model. (Victaulic Model V36).
  - B. Changed general note 24 wording from the word “shall” to the word “may”.
  - C. Added note 25A: “All piping 2-inches and smaller shall be schedule 40”
  - D. Added to end of note 34, “or dry pendants”.
- Change 163: Sheet FP3.1 FIRE PROTECTION DETAILS (*included herein*)
- A. Deleted riser tee option from detail #8.
  - B. Added detail 10, Dry System Auxiliary Drain Detail.
  - C. Detail 6: “Added note: See Structural drawings for maximum penetration depths in concrete.”

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LIST OF ATTACHMENTS:

Drawings            G1.01, 1 page (30"x42" format)  
                      G1.01-ALT, 1 page (30"x42" format)  
                      ME1.1, 1 page (30"x42" format)  
                      ME1.2, 1 page (30"x42" format)  
                      ME3.1, 1 page (30"x42" format)  
                      ME5.1, 1 page (30"x42" format)  
                      ME6.1, 1 page (30"x42" format)  
                      ME7.1, 1 page (30"x42" format)  
                      C4.20C, 1 page (30"x42" format)  
                      C5.2A, 1 page (30"x42" format)  
                      C7.1, 1 page (30" x 42" format)  
                      C7.2, 1 page (30" x 42" format)  
                      C7.4, 1 page (30" x 42" format)  
                      C7.5, 1 page (30" x 42" format)  
                      C7.8 1 page (30" x 42" format)  
                      LR1.24, 1 page (30" x 42" format)  
                      LR1.25, 1 page (30" x 42" format)  
                      LR3.2, 1 page (30" x 42" format)  
                      LR3.3, 1 page (30" x 42" format)  
                      LR3.2 – ALT 2, 1 page (30" x 42" format)  
                      LR3.3 – ALT 1, 1 page (30" x 42" format)  
                      A2.11, 1 page (30"x42" format)  
                      A3.11, 1 page (30"x42" format)  
                      A15.11, 1 page (30"x42" format)  
                      S1.11A page (30" x 42" format)  
                      S3.12 page (30" x 42" format)  
                      MS1.1, 1 page (30" x 42" format)  
                      M1.1B, 1 page (30" x 42" format)  
                      M2.1B, 1 page (30" x 42" format)  
                      M3.1, 1 page (30" x 42" format)  
                      M4.2, 1 page (30" x 42" format)  
                      M4.3, 1 page (30" x 42" format)  
                      M5.4, 1 page (30" x 42" format)  
                      M7.2, 1 page (30" x 42" format)  
                      M8.1, 1 page (30" x 42" format)  
                      IAS4.01, 1 page (30" x 42" format)  
                      ES1.3, 1 page (30"x42" format)  
                      ES1.6, 1 page (30" x 42" format)  
                      ES1.7, 1 page (30" x 42" format)  
                      ES2.1, 1 page (30" x 42" format)  
                      E4.5, 1 page (30" x 42" format)  
                      ES1.6\_ALT-1,2, 1 page (30" x 42" format)  
                      FP3.1, 1 page (30" x 42" format)

Specifications      Section 13155  
                          Section 01014

**END OF ADDENDUM NO. 01**