ADDENDUM NO. 5

PROJECT: Academic Resources Center
OWNER: Board of Governors of the Colorado State University System
        Colorado State University – Pueblo
        State Project # C-9103/P-0825

ARCHITECT’S PROJECT NUMBER: 0850
DATE: 21 August 2009

The Drawings, Specifications, and Contract Documents on the project are modified, corrected, supplemented, and/or superseded as hereinafter described.

The following additions, deletions, changes, and information shall become a part of and modify all work shown or described in the drawings and project manual dated 23 July 2009. Acknowledge receipt of this addendum in the space provided on the Bid Form.

Addendum No. 5 consists of (12) pages (1) 11”x17” and (64) 8 ½” x 11” attachments for a total of (77) pages.

General Information:

5.01 Addenda Item 1.9  Change incorrect paragraph reference 1.01 to 2.10.
5.02 Addenda item 1.10  Change incorrect paragraph reference 1.01 to 2.10.
5.03 Addenda item 1.11  Clarification, item is in reference to Paragraph 1.03 A.
5.04 Addenda item 1.12  Clarification, item is in reference to Paragraph 1.04 A.
5.05 Addenda item 2.3  Change; the existing plaster construction around the steel haunches throughout the building, approximately 120 total, will longer be removed by the Abatement process. The plaster covers will remain in place, undisturbed, for fire protection of the steel haunches.
5.06 Addenda Item 2.11  Clarification, the AHU referenced in item 2.11 will be removed under the Abatement Contract not by the Contractor.
5.07 Construction Power/Services  Clarification, Power to the roof-top Radio Tower Operations shall be maintained at all times. Existing Data/Phone/Fiber Cable and Telephone cabinets providing service to the Operations shall remain in place and operational at all times.
5.08 Abatement  Clarification, no encapsulating sprays were used on the existing building concrete surfaces after the Asbestos materials were removed.
5.09 Security Gate  Clarification, "Security Gates", as called out on dwgs are based on 3M Model #3800. Those at Vestibule, Room 101, are Model #3900. Installation instructions can be found here: solutions.3m.com/wps/portal/3M/en_US/library/home/resources
5.10 Fire Proofing Clarification, No Intumescent Paint to be used.

**Specification Revisions:**

5.11 01 10 00 Delete item A.2 Self Check Out.

5.12 01 22 00 Clarification, Unit Price 3.01 H.

1. “Exterior concrete” refers to exposed aggregate concrete on walls and columns of the building only.
2. “Precast concrete” refers to the exposed aggregate precast concrete wall panels only.
3. The 1000 SF unit shall be a contiguous area anywhere on the building.
4. The Owner’s intent is to wash all of the exterior precast wall panels if possible within the project budget. Smaller areas may be considered based on overall project costs.

5.13 01 22 00 Clarification, Unit Price 3.10 J. The unit shall be “Per 100SF contiguous.”

5.14 01 23 00 Change Base Bid and Alternate from (5) lights to (6) lights.

5.15 01 23 00 Clarification, Alternate No. 6 does not include the Terrazzo finished stair only “concrete stairs”.

5.16 01 50 00 Change in its entirety with “Provide an internet/data connection and continuous service to the Owner/Architect Office. Also accommodate access for the Owner/Architect to fax number/machine located within the same facility as the Owner/Architect office.

5.17 01 50 00 Delete requirement J.1.b.

5.18 01 50 00 Change in its entirety with “Provide an internet/data connection and continuous service to the Owner/Architect Office. Also accommodate access for the Owner/Architect to fax number/machine located within the same facility as the Owner/Architect office.

5.19 01 50 00 Change Parking: in its entirety to "Use designated areas of Owner’s existing parking areas for construction personnel and secure that area with a temporary construction fence."

5.20 01 50 00 Clarification, Telephone and Internet services to field offices require connection through COMCAST, the cable provider to campus. Connections/subscription fees shall be the responsibility of the Contractor. The campus telephone and data infrastructure will not be available for connection to temporary facilities.

5.21 03 01 30 Change summary to “1. Cleaning of existing exterior exposed aggregate cast-in-place concrete walls and columns, and exposed aggregate precast
concrete wall panels.

5.22 03 35 20 Delete, Section 03 35 20 - Decorative Concrete Floor Finishing
5.23 03 39 30 Add, Section 03 39 30 - Concrete Sealer and Hardener
5.24 06 40 23 Add, 2.02.E.2.a, "1/2" Thick"
5.25 07 19 00 Clarification, WATER REPELLENTS are not part of Unit prices required by section 03 01 30.
5.26 07 62 00 Clarification, Spray fireproofing to be used throughout on all structural steel, excluding all Firetrol columns & diagonal bracing. Exclude portions of "PL1/2xCONT ES" that extend into rated shafts, such as that found on gl-3, between K-L. Exclude Expansion Joint support found inches north of gl-G. Exclude HSS14* found on S2.3A (typ of 3). Include portions of Firetrol columns of which the protective shell has stopped, (typically within concealed ceiling spaces).

5.27 07 92 00 Change, 2.03.A to be 2.03.B ("...Traffic-Grade...")
5.28 08 44 13 Delete paragraph “F. Windborne-Debris...” in its entirety.
5.29 08 44 13 Delete section 1.03 PRECONSTRUCTION TESTING in its entirety.
5.30 08 80 00 Delete paragraph "C. Windborne-Debris..." in its entirety.
5.31 08 88 00 Change, 2.12.C.1, to "3-mm thick clear, fully tempered."
5.32 08 88 00 Change, 2.12.C.2, to "0.60 mm polyvinylbutyrl interlayer, tinted. Color 0009 "Arctic Snow," as manufactured by Vanceva.
5.33 08 88 00 Add, 2.12.C.3, "3-mm thick clear, fully tempered."
5.34 08 88 00 Change, 2.14.E.1.b: "Photographic Interlayer as provided by Architect.
5.36 09 51 15 Change, 2.03.A.1 "...34-inch by 72-inch maximum size..."
5.37 09 51 15 Change, "2.03.A.3" to "2.03.A.3.b"
5.38 09 51 15 Add, 2.03.A.3.a, "Panel Supports: Manufacturer’s standard concealed z-clip system suited to framing system indicated. For removable panels where access is required refer to 2.03.A.3.b"

5.39 09 51 15 Clarification, 2.02, the purpose of this section is in reference to contractors option to install ceiling type AP-1 in lieu of GPDW construction for details 4-5/A6.4.

5.40 09 53 13 Add, 2.01.A.2, Manufacturer: Accent Ceilings, www.accentceilings.com/
5.41 09 53 13 Add, 2.01.A.3, Manufacturer: USG, www.usg.com/
5.42 09 66 13 Add Installer Qualification; “Marble Institute of America”.
5.43 09 84 10 Add, 2.01.A, Manufacturer: Acoustical Resources, www.acousticalresources.com/
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5.44 09 84 10 Add, 2.01.A, Manufacturer: Acentus, http://www.acentusinc.com/
5.45 09 84 10 Clarification, All Panels to be (F1), unless otherwise noted.
5.46 09 84 10 Clarification, All units shall be 48"x48" unless otherwise noted.
5.47 09 84 33 Add, 2.01.A, Manufacturer: Acoustical Resources, www.acousticalresources.com/
5.48 09 84 33 Add, 2.01.A, Manufacturer: Acentus, http://www.acentusinc.com/
5.49 09 84 33 Clarification, All Panels to be (F1), unless otherwise noted.
5.50 09 84 33 Clarification, All units shall be 48"x48" unless otherwise noted.
5.51 10 11 00 Delete, 1.04.A, in its entirety.
5.52 10 14 00 Change Thickness to ½" minimum.
2.03 B.2
5.53 10 14 00 Delete sentence 2.03 B.3 in its entirety.
5.54 12 49 40 Add, 2.01.B.4, Manufacturer: Draper, http://www.draperinc.com/
5.55 12 61 00 Clarification, Aisle Seating Lighting, Lighting shall be provided for every seat along center aisle. Typical of (10).
5.56 12 61 00 Change, 1.06.A.2.a to 5 years
5.57 12 61 00 Change, 1.06.A.2.b to 5 years
5.58 14 21 00 Change, 2.10.B.2, Remote, Room 397 Elev. Cont.
5.59 14 44 00 Change, 2.03.A.7, ...pit depth 5'-8" (existing).
5.60 27 40 00 Delete paragraph “L. ITC....” in its entirety.
1.01
5.61 27 40 00 Add room #236 to list of Small Conference Rooms on page 9. QTY is changed to (4).
2.01
5.62 31 63 33 Clarification, Design Standard is correct as specified.
1.03 A
5.63 31 63 33 Clarification, Schedules are based on the SERVICE LOADS given on the drawings.
3.05 C & D
5.64 32 13 16 Add, Section 32 13 16 - Architectural Concrete Paving.
5.65

Drawing Revisions:

5.66 CD1.0 Clarification, the extent of the wall demolition at the south side of the Tower will stop/align with the proposed north/south wall indicated as “2’ MAX WALL HEIGHT” on drawing C1.3.
5.67 CD1.0 Clarification, the existing “non surveyed” Storm Sewer (roof drains) under the south end, east side, of the building is not intended to be reconnected and shall be removed during construction. Reference attached drawing ADD05-CD1.0A.
5.68 C1.1 Clarifications, section reference AA, SE stair width & west site Reference attached drawing ADD05-C1.1A
5.69 C1.1 Clarification, stair widths Reference attached drawing ADD05-C1.1B.
5.70 C1.1 Change detail note reference attached drawing ADD05-C1.1C.
5.71 C1.2 Add top of wall elevation at Scupper Detail reference attached drawing ADD05-C1.2A.
5.72 C1.2 Change stair notes Alt #1 stair reference attached drawing ADD05-C1.2B.
5.73 C1.3 Add manhole and revise Sanitary Sewer lines to the west of the building. Reference attached drawings ADD05-C1.3A, ADD05-C1.3B & ADD05-C1.3C.
5.74 C1.3 Clarification, the 8" and 12" Storm Sewers at the Southeast side of the building are existing as indicated on the Site Survey and the C1.3.

5.75 L1.1 NOTE 0.7 Clarification, examples of the OFCI concrete spheres can be seen adjacent to the ARC building at the Art/Music Building. The spheres do not require attachment or anchoring to the ground.
5.76 L1.1 Clarification, all site stairs shall be constructed with TYPICAL STAIR DETAIL/C8.1.

5.77 AD2.1 Add demolition of existing brick wall Reference attached drawing ADD05-AXX.
5.78 A0.2 Change, Note, Door 131B, "42" Provided"
5.79 A1.0 Clarification, all site stairs shall be constructed with TYPICAL STAIR DETAIL/C8.1.
5.80 A2.1A Change, Keynote Legend, "KB, 087100 Knox Box", (HW SET: 900)
5.81 A2.2A Change, location of door 224 to north wall (existing Concrete wall). Similar Details referenced. See Attached sheet ADD05-A4.
5.82 A2.2A Change, dimension of wall between rooms 221 & 222. See Attached sheet ADD05-A4.
5.83 A2.2A Change, Layout & Location of south wall of room 219. See Attached sheet ADD05-A4.
5.84 A2.2A Change, Location of door 219.
5.85 A2.2A Change, Door 219, Pair of 3' wide x 7' tall x 2" thick. Aluminum. Frame Type "R".
5.86 A2.2B Clarification, Detail reference 15/A9.4 refers to the outer wall of Room 255.
5.87 A2.3B Change, "ELEV CONT" room to Room 397.
5.88 A2.3A Thru A2.6 Clarification, ALL existing exterior walls are furred, floor to structure above, per the typical Plan and Section sections details throughout sheets A4.12 thru A4.22 The wall assembly noted in the details is 5/8" Gypsum BD and Vapor Barrier on 2" Rigid Insulation and ‘Z’ furring.
5.89 A2.3C, A2.3D & A2.7 Replace GENERAL NOTE 4. In its entirety with; "PROVIDE EXTERIOR TYPE FIRE-RETARDANT-TREATED BLOCKING AS REQUIRED BY MFR AND AS SHOWN IN THE DOCUMENTS FOR FASTENING THE ROOF THROUGHOUT. PROVIDE 07 53 23 SUBSTRATE BOARD AT THE
5.90 A4.10 Clarification, All details with Aluminum Sill Extensions - the Contractor shall shim and or support sill extensions adequately to secure the top portion of the Gypsum Board.

5.91 A4.10 Change 06 10 00 P.T. PLYWOOD to 07 53 23 SUBSTRATE BOARD

5.92 A4.10 Dtl 8 Change 06 10 00 P.T. PLYWOOD to 07 53 23 SUBSTRATE BOARD

5.93 A4.10 Dtl 11 Change 06 10 00 P.T. PLYWOOD to 07 53 23 SUBSTRATE BOARD

5.94 A4.11 Dtl 6 Add note 07 52 23 SUBSTRATE BOARD BOTH SIDES OF PARAPET.

5.95 A4.11 Dtl 7 Change 06 10 00 P.T. PLYWOOD to 07 53 23 SUBSTRATE BOARD

5.96 A5.2 Dtl 9 Change, Map Kiosk Panel. See Attached sheet. ADD05-A6.

5.97 A5.7 Dtl 10 Clarification, for all "Suspension System" references, refer to specifications section 060660, Paragraph 2.04.A

5.98 A5.7 Dtl 12 Change, PFP to PFP6

5.99 A5.7 Dtl 12 Delete, "Edge Clip and Reveal"

5.100 A5.9 Dtl 12 Change, Note to read: "PERFORATED STL INFILL PANEL. 1/8" TH. PERF METAL PLATE, 1/4" HOLES @ 3/8" O.C., STAGGERED. 1/2" STL FRAME, ALL SIDES"

5.101 A5.9 Dtl 12 Change, Detail 26, "STL BAR"... to "ALUM BAR"...

5.102 A5.9 Dtl 12 Change, Detail 26, "STL PLATE"... to "ALUM PLATE"...

5.103 A5.9 Dtl 12 Change, Detail 29, "STL BAR"... to "ALUM BAR"... See attached drawing ADD05-A2.

5.104 A5.9 Dtl 12 Change, Detail 29, "STL PLATE"... to "ALUM PLATE"... See attached drawing ADD05-A2.

5.105 A5.9 Dtl 12 Change, Detail 21, Note "PL4" to "PL4 TOP. TYP FOR 1HR CEILING SURROUNDING STAIR #3 AT LEVEL 1."

5.106 A5.10 Dtl 12 Change, SIDE ELEVATION, 2'-0" (wide) dimension to 2'-10".

5.107 A5.10 Dtl 12 Change, SIDE ELEVATION, 2'-6" (wide) dimension to 3'-4".

5.108 A5.10 Dtl 12 Change, SIDE ELEVATION, " 8" OPG " dimension to " 1'-6" OPG ".

5.109 A5.10 Dtl 12 Change, BACK ELEVATION, 2'-0" (wide) dimension to 2'-4".

5.110 A5.10 Dtl 12 Change, BACK ELEVATION, 3'-0" (wide) dimension to 3'-4".

5.111 A6.1A Clarification, All AP1 Panel to be ME/VATT, 1-1/16" Thick, re: 095115, 2.04.A

5.112 A6.1A-6 Clarification, All curved signage (5/A5.7) to have a radius of 24'-0", except
"CAFE" which will be 13'-6".

5.113 A6.2A **Add**, GPDW Soffit to exterior of room 219. See Attached sheet **ADD05-A5**.

5.114 A6.2A **Change**, Extend ACT-1 ceiling in Room 219 as shown in Attached sheet **ADD05-A5**.

5.115 A6.2A **Add**, Light Fixture type F5A to Room 219. See Attached sheet **ADD05-A5**.

5.116 A6.2A **Change**, Length of Curved Light Diffuser.

5.117 A6.2A **Delete**, (2) Fixture Type F7A. See Attached sheet **ADD05-A5**.

5.118 A6.3A **Change**, Ceiling Type, Layout. See Attached **ADD05-A03**.


5.120 A6.4 **Add**, Note, "Contractors Option: Install AP-1, in lieu of GPDW & Acoustical Insulation. RE: Specification 095115 for AP-1"

5.121 A8.1 **Change**, Door 119, Door Material "Steel Frame, Storefront Appearance", Frame Type "2"

5.122 A8.1 **Delete**, Frame Type Elevation "Q".

5.123 A8.1 **Change**, Frame Type Elevation "R". See Attached sheet **ADD05-A5**.

5.124 A8.5 **Change** all G2 glass types to **G1**.

5.125 A8.7 **Change** glass type G2, second from the left, to **G1**.

5.126 A8.9 **Change** undefined glass type at level 3 slab to **S1**.

5.127 A8.8 **Change** glass types per attached sketch **ADD05-A7**.

5.128 A8.8 **Change** glass types per attached sketch **ADD05-A8**.


5.130 A9.4 **Add**, AWP to wall. RE: **ADD05-Ax**

5.131 A11.1A **Change**, Note as follows, "SAND BLAST ALL EXPOSED (NON- CONCEALED) INTERIOR CONCRETE FOUND ON LEVELS 1-6. INCLUDES: (E) WALLS, BEAMS, AND SLABS (UNDERSIDE). CONCRETE FINISH TO MATCH - LEVEL ONE, GRIDLINE-E, NORTH FACE OF LOWER 8' OF WALL. PROVIDE MOCKUP. EXCLUDE INTERIOR SPACES OF MECHANICAL ROOMS, STAIRS, AND JANITOR ROOMS."

5.132 A11.2A **Change**, Room 224 Finish. Remove C2 carpet from room. See Attached sheet **ADD05-A5**.

5.133 S8.2 **Clarification**, schedule 14/S8.2 is correct. MRC1 is the only scheduled micropile cap on the project.

5.134 S8.2 **Clarification**, detail 5 is referenced correctly from plans S2.1A & S2.1B. This is the typical grade beam corner/intersection reinforcing detail.

5.136 S8.2 **Clarification**, typical loads are correct.

5.137 S8.5 **Clarification**, HORIZONTAL SERVICE LOAD is only in the North South direction.
5.138 M0.1 Revise General Note (23) as follows: Due to poor soil conditions, all pad-mounted equipment in the basement shall have flexible or expansion-compensating piping and electrical connections capable of accommodating 3" of vertical movement in either direction without adversely affecting system operation.

5.139 MP2.0 Clarify extents of Basement HWS/HWR demolition. Add blind flanges at point of disconnect at Hoag Hall. Refer to drawing ADD05-M01.

5.140 MP2.1A Clarify zone piping configurations. Refer to drawing ADD05-M02 thru ADD05-M04.

5.141 MP2.1B Clarify zone piping configurations. Refer to drawing ADD05-M05 thru ADD05-M07.

5.142 M4.1 Delete (1) basket strainer. Add automatic isolation valves at boilers. Refer to drawing ADD05-M08.

5.143 M5.1 Clarify HWS/HWR sizing. Delete (1) basket strainer. Clarify flexible connection note. Refer to drawing ADD05-M09.

5.144 M8.1 Correct Gas-Fired Hot Water Boiler Schedule. Refer to drawing ADD05-M10.

5.145 M8.2 Correct flow rates for P-1 & P-2. Refer to drawing ADD05-M10.

5.146 M9.1 General Notes, Item (H): Replace "30 days" with "60 days"

5.147 M9.1 General Notes: Add Item (V), "Unless otherwise noted, where dew point monitoring is indicated, the value shall be calculated based on average barometric pressure and the associated dry-bulb temperature and relative humidity."

5.148 M9.1 Chilled Beam Control, Item (B): Replace "thermostat" with "temperature sensor".

5.149 M9.1 Flat-Panel Radiator Control, Item (A): Replace "thermostat" with "temperature sensor".

5.150 M9.1 TDV Terminal Box Control, Item H.1: Add item (h), "Schedule minimum and maximum air flow rate, CFM (for each zone)".

5.151 M9.1 Split System Monitoring, Item (D): Revise to read, "The graphics page associated with this system shall display a high-temperature alarm when space temperature is 3°F higher than the MDF Room Temperature Setpoint."

5.152 M9.1 General Exhaust Fan Control, Item B: Delete "and amp draw". Replace AI point at current-sensing relay with DI.

5.153 M9.1 Revise Schedule of Initial Setpoints. Refer to drawing ADD05-M11.

5.154 M9.2 Both control sequences, Item (A.5): Revise to read, "Each AHU shall have differential pressure ports across the supply and return fans for pressure measurement. BAS shall be programmed with supplied fan curves for calculation of airflow based on differential pressure at each fan."

5.155 M9.2 Chilled Beam Air-Handling Unit Control, Item (F.1.c): Replace "outdoor air temperature" with "outdoor air dry-bulb temperature".

5.156 M9.2 Chilled Beam Air-Handling Unit Control: Relocate discharge air humidity sensor to downstream of reheat coil.

5.157 M9.3 Revise Heating Water System Control. Refer to ADD05-M12.

5.158 M9.3 Chilled Water System Control: Globally replace P-5 with P-3, P-6 with P-4, P-7 with P-5, P-8 with P-6, and P-9 with P-7.

5.159 M9.3 Chilled Water System Control, Item (A.9): Replace "Plant Shut-down Duration" with "Cooling Plant Shut-down Duration".

5.160 M9.3 Chilled Water System Control, Item (J.28): Delete.
5.161 23 05 48  Delete paragraph (C) in its entirety, including subparagraphs.
 3.03

5.162 23 07 00  Revise item (A) to read: Where more than 10'-0" from an air-handler 3.16
connection, terminal connection, or duct inlet/outlet, concealed round and flat-oval duct insulation shall be the following:

5.163 23 07 00  Revise item (B) to read: Where more than 10'-0" from an air-handler 3.16
connection, terminal connection, or duct inlet/outlet, concealed rectangular duct insulation shall be the following:

5.164 23 07 00  Add item (C): At the Contractor's option, the above ductwork may be 3.16
insulated with duct liner in lieu of external insulation. Refer to section 23 31 13 - Metal Ducts.

5.165 23 31 12  Revise item (1) to read: Exposed Supply Air Ducts and concealed ducts with 3.10.G
10'-0" of an air-handler connection, terminal device or duct inlet/outlet (Flat-Oval, Round and Rectangular): Fibrous glass, Type I, 1 inch thick.

5.166 23 31 12  Revise item (2) to read: Exposed Return Air Ducts and concealed ducts with 3.10.G
10'-0" of an air-handler connection, terminal device or duct inlet/outlet (Flat-Oval, Round and Rectangular): Fibrous glass, Type I, 1 inch thick.

5.167 23 31 13  Delete paragraph (C) in its entirety.
 3.07

5.168 23 33 00  Add item (k): Greenheck Fan Corporation 2.02.A(1)
 1.05

5.169 23 36 13  Add item (B): Chilled beams shall be packaged in export-type shipping crates of 1.05
wood or other rigid material. Cardboard shipping containers are not acceptable. Chilled beams shall be stored on site in their shipping containers.

5.170 23 64 23  Delete paragraph (A) in its entirety. Replace paragraph (B) with: "Test water 1.06
chiller performance at design conditions and provide written run-test report."

5.171 23 64 23  Add item (4): ClimaCool Corporation 2.01.A
 2.01.F

5.172 23 64 23  Item (1): Replace "R-134a" with "R-410a". 2.01.J(4)
 2.01.L

5.173 23 64 23  Delete items (c), (d), (e) and (f) 2.01.J(12)

5.174 23 64 23  Delete items (d), (i), (l), (m), (n) and (o) 2.01.J(3)

5.175 23 64 23  Delete item (a). Delete last sentence of item (b). Delete item (c). 2.01.J(4)

5.176 23 64 23  Delete items (d) and (e). 2.01.J(5)

5.177 23 64 23  Delete item (a.2). 2.01.J(6)

5.178 23 64 23  Delete item (2) 2.01.L

5.179 23 64 23  Revise to read: "Factory performance test water chillers, before shipping, at 2.02.B
design conditions."

5.180 23 73 13  Add item (5): Venmar CES Inc. 2.01.A

5.181 23 73 13  Add item (6): Governair Corp. 2.01.A
5.182 23 73 13 2.02.A  Add the following to item (1): All roof and wall panels shall be made from G-90 galvanized steel, minimum 18-gauge exterior and 20-gauge interior.

5.183 23 73 13 2.02.A  Add the following to item (4): Center and perimeter seals shall be full-contact, low-bleed type, made from dual band ultra-high molecular weight polyethylene.

5.184 23 73 13 2.07.A(1)  Revise item (c) to read: Flakt/Econovent.

5.185 P0.1  Revise General Note (17) as follows: Due to poor soil conditions, all pad-mounted equipment in the basement shall have flexible or expansion-compensating piping and electrical connections capable of accommodating 3" of vertical movement in either direction without adversely affecting system operation.

5.186 P2.0  Drawing (A): Delete trap at FCO-1.

5.187 P2.1A  Remove (E) roof drain system. Refer to drawing ADD05-P01.

5.188 P2.1B  Remove (E) roof drain system. Refer to drawing ADD05-P01.

5.189 P2.2A  Remove (E) roof drain system. Refer to drawing ADD05-P02.

5.190 P2.2B  Remove (E) roof drain system. Refer to drawing ADD05-P02.

5.191 P2.3A  Remove (E) roof drain system. Refer to drawing ADD05-P03.

5.192 P2.3B  Remove (E) roof drain system. Refer to drawing ADD05-P04.

5.193 P2.3C  Remove (E) roof drain system. Refer to drawing ADD05-P05.

5.194 P2.3D  Remove (E) roof drain system. Refer to drawing ADD05-P06.

5.195 P2.4  Remove (E) roof drain system. Refer to drawing ADD05-P07.

5.196 P2.5  Remove (E) roof drain system. Refer to drawing ADD05-P07.

5.197 P2.6  Remove (E) roof drain system. Refer to drawing ADD05-P08.

5.198 P2.7  Remove (E) roof drain system. Refer to drawing ADD05-P09.

5.200 P2.7  Add backflow preventer at Cooling Tower makeup line. Refer to drawing ADD05-P09.

5.201 FP0.1  Add General Note (8) as follows: Due to poor soil conditions, all pad-mounted equipment in the basement shall have flexible or expansion-compensating piping and electrical connections capable of accommodating 3" of vertical movement in either direction without adversely affecting system operation.

5.202 FP2.0  Delete General Notes in favor of General Notes provided on drawing FP0.1.

5.203 E0.1  REVISED TELECOM LEGEND

5.204 EP2.0  ADDED KEYED NOTE #2 TO UPS BATTERY SYSTEM

5.205 EP2.7  ADDED KEYED NOTE #12

5.206 E8.3  MODIFIED NOTE #8

5.207 FA2.1A  ADDED EXTERIOR FIRE DEPARTMENT HORN/STROBE ABOVE FDC

5.208 263353  MODIFIED SPEC SECTION 263353 2.01.C.2

5.209 TA 4.02  DTL 3  Clarification, Podium is OFOI.

5.210 TA4.03  STL 7  Clarification, Podium is OFOI.

5.211 TA4.04  DTL 9  Add quantity one (1) Middle Atlantic Slim 5-14.
5.212 TA4.05
  DTL 10
  Add quantity two (2) Middle Atlantic OBRK-16 Rack.

5.213 TA4.06
  STL 13
  Clarification, Lectern is OFOI.

5.214 TA4.01
  DTL 2
  Clarification, The manual switch and DA devices shall be located on and under
  the work surface.

5.215 TA 4.02
  DTL 4
  Clarification, The manual switch and DA devices shall be located on and under
  the work surface.

5.216 TA4.03
  DTL 5
  Clarification, The manual switch and DA devices shall be located on and under
  the work surface.

5.217 TA4.40
  DTL 8
  Clarification, The manual switch and DA devices shall be located on and under
  the work surface.

5.218 TA4.05
  DTL 11
  AV system for Rooms 230 and 231 have been deleted.

5.219 TA4.05
  DTL 12
  The player shall be located on the work surface.

5.220 TA4.06
  DTL 13
  The projector lift shall be Display Devices DBL3-11.

5.221 TA4.05
  DTL 12
  Provide a wall plate that supports the schematic drawing TA4.05, Detail 12.

5.222 TA4.03
  DTL 5
  The Extron part number AAP-100 should be changed to AAP-102.

5.223 TA6.01
  DTL 10
  The Extron part number AAP-100 should be changed to AAP-102.

5.224 TA4.04
  DTL 8
  Clarification, Computer monitors are OFOI.

5.225 TA4.03
  DTL 5
  Add quantity two (2) Extron P/2 DA2 PLUS for each room.

5.226 TA4.03
  DTL 5
  Clarification, Computer monitors are OFOI.

5.227 TA4.02
  DTL 4
  Add floor plan details per attached drawing ADD05-TA-01.

5.228 TA4.02
  DTL 4
  Clarification, Computer monitors are OFOI. Computers are OFOI.

5.229 TA4.01
  DTL 2
  There is no laptop connection point. The only video source shall be the OFOI
  computer.

5.230 TA4.02
  DTL 3
  Clarification, Computer monitors are OFOI. Computers are OFOI.

5.231 TA3.02A
  Clarification, The quantity of speakers (8) shown on the RCP is correct.

5.232 TA4.02
  DTL 3
  The I/F is the interface for the laptop. Provide one (1) Extron WP-150.

5.233 TA5.02
  Clarification, The quantity of speakers (7) shown on the RCP is correct.

5.234 TA4.01
  DTL 1
  The correct part number for the wireless should be the combo unit Shure
  ULXS124/58.

5.235 TA4.01
  DTL 1
  Clarification, Computers are OFOI.

5.236 TA4.01
  DTL 1
  The I/F is the interface for the laptop. Provide one (1) Extron WP-150.
5.237 TA4.01/1 & TA4.06/13
There is to be a feed from Room 109 and it shall connect to an unused input on the Multi-Format Switcher, reference attached drawing ADD05-TA-03 & ADD-TA-04

5.238 TA4.01
Control of the audiovisual system in Room 108 shall be via the 16-button key pad as listed in the specifications.

5.239 TA4.03
DTL 7
Clarification, Computers are OFOI.

5.240 TA4.03
DTL 7
The I/F is the interface for the laptop. Provide one (1) Extron WP-150.

5.241 TA4.03
DTL 7
Clarification, Podium is OFOI.

5.242 TA3.01A
Clarification, The speaker quantity for each Large Tech Lab is two (2).

5.243 TA2.01A
Add quantity one (1) Middle Atlantic Slim 5-8 for each Large Tech Lab.

5.244 TA4.06
DTL 13
The correct part number for the wireless should be the combo unit Shure ULXS124/58.

5.245 TA4.06
DTL 13
The I/F is the interface for the laptop. Provide one (1) Extron WP-150.

5.246 TA4.06
DTL 13
Clarification, Computers are OFOI.

5.247 TA2.01B Clarification, Podium is OFOI.

5.248 TA4.06
DTL 13
Clarification, HD tuner OFOI.

5.249 TA4.06
DTL 13
The WAP should be the model number suggested by the control system manufacturer.

5.250 TA3.03A
Clarification, The RCP, drawing TA3.03A shows the correct speaker count.

5.251 TA4.04
DTL 9
Clarification, Computers are OFOI.

5.252 TA4.04
DTL 9
The WAP should be the model number suggested by the control system manufacturer.

5.253 TA4.04
DTL 9
Add quantity one (1) Hitachi T-17SXLG Starboard.

5.254 TA DWGS
Clarification, All Sony BDP-350 BluRay players noted are CFCI.

END OF ADDENDUM NO. 5