ADDENDUM NUMBER THREE

for

DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION – BP-3
ENCLOSURE/SITE/MEFP/INTERIOR
UNIVERSITY OF SOUTH CAROLINA
STATE PROJECT NUMBER H27-6069-AC-3

DATE OF ISSUE: June 22, 2012

TO: ALL BIDDERS OF RECORD

This Addendum is issued pursuant to the Conditions of the Contract and is hereby made part of the Contract Documents. The addendum serves to clarify, revise, and supersede information in the Project Manual, the Drawings, and previously issued Addenda. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the Bidder to disqualification. A list of attachments, if any, is part of this document.

BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY CONSTITUTE AN INFORMALITY IN THE BID.

This addendum consists of 46 pages and the following attachments:

1. ADDENDUM THREE GENERIC SCHEDULE RECAP

2. C-SK-003: CONCRETE CHILLED WATER VAULT DETAIL REVISION
3. C-SK-004: CONCRETE CHILLED WATER VAULT DETAIL REVISION
4. C-SK-005: CONCRETE CHILLED WATER VAULT DETAIL REVISION
5. C-SK-006: CONCRETE CHILLED WATER VAULT DETAIL REVISION
6. C-SK-007: EXTENT OF PAVEMENT REMOVAL/REPAIR FOR STEAM/CONDENSATE LINE WORK REVISION
7. C-SK-008: EXTENT OF PAVEMENT REMOVAL/REPAIR FOR STEAM/CONDENSATE LINE WORK REVISION
8. C-SK-009: RAINWATER HARVESTING SYSTEM LAYOUT REVISION
9. C-SK-010: ROOF DRAINAGE COLLECTOR LINE C PROFILE REVISION
10. C-SK-011: LOCATION OF RAINWATER HARVESTING SYSTEM TANK & FIRE WATER TANK REVISION

11. A-SK-047: A1100 PLAN - DOOR AND ROOM TAGS
12. A-SK-048: A1100 PLAN - DOOR AND ROOM TAGS
13. A-SK-049: A1110 PLAN - DOOR AND ROOM TAGS
14. A-SK-050: A1120 PLAN - DOOR AND ROOM TAGS
15. A-SK-051: A1120 PLAN - DOOR AND ROOM TAGS
16. A-SK-052: A1120 PLAN - DOOR AND ROOM TAGS
17. A-SK-053: A1120 PLAN - DOOR AND ROOM TAGS
18. A-SK-054: A1130 PLAN - DOOR AND ROOM TAGS
19. A-SK-055: A1130 PLAN - DOOR AND ROOM TAGS
20. A-SK-056: A1140 PLAN - DOOR AND ROOM TAGS

21. A-SK-057: A1140 PLAN - DOOR AND ROOM TAGS
22. A-SK:058: A1810 FLOORBOX LAYOUT PLAN
23. A-SK:059: ENLARGED PLAN -SITE STAIR 1 AT PARK STREET
24. A-SK-060: ENLARGED PLAN -SITE STAIR 2 AT ASSEMBLY STREET
25. A-SK-061: EMERGENCY CALL BOX – DETAIL
26. A-SK-062: EXTERIOR POLE LIGHTING – DETAIL
27. A-SK-063: ENLARGED PLAN - ELEVATOR EV4 CONTROL CLOSET AT LEVEL 0 AUDITORIUM
28. A-SK-064: TYPICAL DETAIL SECTION AT LEVEL 2 SKYLIGHT
29. A-SK-065: EXTERIOR FLOOR LIGHTING FIXTURE AT LEVEL2
30. A-SK-066: ENLARGED REFLECTED CEILING PLAN - GRAND STAIR 5, 6 & VESTIBULES
31. A-SK-067: ENLARGED SECTION - GRAND STAIR 5 & 6
32. A-SK-068: GRAND STAIR 5 (STAIR 6 OPPOSITE) STRINGER SECTION DETAIL
33. A-SK-069: ENLARGED REFLECTED CEILING AND SOFFIT PLAN - LEVEL 2 PAVILION
34. A-SK-070: PAVILION CEILING DETAILS
35. A-SK-071: EXTERIOR GUARDRAIL AT LEVEL 4 BRIDGE - GR-1 - SECTION, ELEVATION & CABLE GUARDRAIL TYPICAL CABLE SPACING REVISION
36. A-SK-072: ENLARGED SECTION, ELEVATION, AND PLAN EXTERIOR GUARDRAIL GR-2 AT LEVEL 2 SKYLIGHT
37. A-SK-073: ENLARGED SECTION, ELEVATION, AND PLAN EXTERIOR GUARDRAIL GR-2 AT LEVEL 2 AND ROOF
38. A-SK-074: ENLARGED SECTION, ELEVATION, AND PLAN - EXTERIOR GUARDRAIL GR-4 AT RETAINING WALL
39. A-SK-075: SITE ELEVATOR CAB - PLAN & ELEVATION
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50. A-SK-086: GRANDSTAIR L2 LANDING SECTION
51. A-SK-087: GRANDSTAIR_ENLARGED SECTION A-SK-000 (1)
52. A-SK-088: GRAND STAIR DETAIL REVISION_01
53. A-SK-089: GRAND STAIR DETAIL REVISION_02
54. A-SK-090: GRAND STAIR DETAIL REVISION_03
55. A-SK-091: SKYLIGHT GUTTER DRAIN
56. A-SK-092: LEVEL 1 MP-1 DETAIL REVISION
57. A-SK-094: A7015 DETAILS PERFORMANCE HALL
58. A-SK-095: A7017 SEATING DETAILS PERFORMANCE HALL & LECTURE
59. A-SK-096: A7106 CEILING DETAILS PERFORMANCE HALL
60. A-SK-097: A7404 FLOORING DETAILS PERFORMANCE HALL
61. A-SK-098: A7615 MILLWORK PLANS & ELEVATIONS CREDENZAS & SHELVING
62. A-SK-099: A7624 MILWORK SECTIONS CREDENZAS
63. A-SK-100: A7101 CEILING DETAILS

64. SN-SK-001: EXTERIOR TYPES PANEL AND POST SIGNS - REFLECTORIZED & PAINTED
65. SN-SK-002: LUMINOUS EGRESS MARKING TYPE S8-04 - STAIR TREAD SECTION DETAIL -

WORK SCOPRE CLARIFICATION
66. SN-SK-003: SIGNAGE PLAN LEVEL 2 ZONE D

67. FS-SK-001: LEVEL 0 EQUIPMENT LAYOUT PLAN
68. FS-SK-002: LEVEL 0 SPECIAL BUILDING CONDITIONS PLAN
69. FS-SK-003: EQUIPMENT PLUMBING PLAN
70. FS-SK-004: LEVEL 0 EQUIPMENT ELECTRICAL PLAN
71. FS-SK-005: LEVEL 2 EQUIPMENT LAYUOT PLAN
72. FS-SK-006: LEVEL 2 EQUIPMENT PLUMBING PLAN
73. FS-SK-007: LEVEL 2 EQUIPMENT ELECTRICAL PLAN

74. S1120D_BP3R1: FRAMING PLAN - LEVEL 2 - ZONE D
75. S6130_BP3R1: EXTERIOR STAIRS SECTIONS AND DETAILS
76. S-SK-001: VESTIBULE

77. M1200A: HVAC PIPING PLAN – LEVEL 0 – ZONE A
78. M2300: SITE STEAM PIPING PLAN, ENLARGED VAULT PLAN AND VAULT "B" SECTION
79. M-SK-002: UNDERFLOOR AIR DISTRIBUTION DEVICE SCHEDULE
80. M-SK-003: HVAC PIPING PLAN –LEVEL 0 – ZONE A
81. M-SK-004: BUILDING STEAM ENTRANCE
82. M-SK-005: PRV STATION
83. M-SK-006: LOW PRESSURE SECTION OF PRV STATION
84. M-SK-007: MEDIUM PRESSURE SECTION OF PRV STATION

85. E1221_R3: KITCHEN POWER PLAN LEVEL 2
86. E-SK-007: PANELBOARD SHEDULES-LEVEL 2
87. E-SK-008: PANELBOARD SHEDULES-LEVEL 2

88. AV-SK-001: AUDIO VIDEO SCHEDULE OF TERMINATIONS
89. AV-SK-002: AUDIO VIDEO SCHEDULE OF TERMINATIONS
90. AV-SK-003: ENLARGED SECTION – LEVEL 1 – PERF. HALL
91. AV-SK-004: AV DEVICE LOCATIONS, LEVEL 1, ZONE C

92. TE0: USC DARLA MOORE PERFORMANCE HALL COVER SHEET
93. TE1: USC DARLA MOORE PERFORMANCE HALL THEATRICAL LIGHTING PLAN
94. TE2: USC DARLA MOORE PERFORMANCE HALL THEATRICAL LIGHTING REFLECTED CEILING PLAN
95. TE3: USC DARLA MOORE PERFORMANCE HALL VARIABLE ABSORBTION REFLECTED CELEING PLAND AND RETAIL
96. TE4: USC DARLA MOORE PERFORMANCE HALL VARIABLE ABSORBTION SECTION
97. TE6: USC DARLA MOORE PERFORMANCE HALL THEATRICAL LIGHTING ONE LINE DIAGRAM
98. TE7: USC DARLA MOORE PERFORMANCE HALL VARIABLE ABSORBTION ONE LINE DIAGRAM

99. P-SK-003: NEW LEVEL 2 CAFÉ FLOOR DRAIN LAYOUT
100. P-SK-004: ADD VENT LINES TO DRAIN
101. P-SK-005: ADD VENT LINES TO DRAIN
102. P-SK-006: ADD FUEL STORAGE TANK DETAIL

103. 08 71 00_Door_Hardware

104. 23 05 19 - METERS AND GAGES FOR HVAC PIPING
105. 23 05 23 - GENERAL-DUTY VALVES FOR HVAC PIPING
106. 23 09 00 - INSTRUMENTATION AND CONTROL FOR HVAC
107. 23 57 00 - PACKAGED HEATING HOT WATER SYSTEM
108. 23 57 00.01 - CHILLED WATER PUMP PACKAGE
109. 33 10 05 - RAIN WATER HARVESTING SYSTEM

A. CHANGES TO BIDDING REQUIREMENTS:

Item No.	Description
1.	None.

B. GENERAL:

Item No.	Description
1.	Substitution Request General Comment: Please note that the project design team has reviewed requests for manufacturer or product Substitutions. As the substation request form has not been provided in all cases we note that a detailed comparison of the product data, cut sheets and actual performance is not always clear on a product to product basis. As these companies may in fact have a product or material that meets the requirements, care should be noted in the final submittal (after the award of the project) and approval process for a full accounting of EQUAL performance and full disclosure of substantiating data.
2.	See attached "Project Schedule Overview by Phase". A generic schedule is being provided to prospective BP-3 Bidders for informational purposes only. This schedule reflects the Project Team's opinion of the overall work flow of the project and timing of the work under the related bid packages. It is not in any way intended to be all inclusive, or to direct means, methods or actual sequencing of work activities as these are the full responsibility of each contractor for the work of their respective bid packages. This schedule is being provided for informational purposes only and the sole purpose is to illustrate the work included in each bid package and work to be performed by the Owner or other forces, in general terms.
2.	Reference section 01 10 00 Summary: Paragraph 1.3.C.3.b indicates *"It is anticipated that the structural frame and metal decking for elevated slabs will be in place and ready for installation of BP-3 rough-ins at all levels approximately 80 days after award of the BP-3 Package."* The intent of this statement is not to suggest that all of the structural frame and metal decking will be in place at that time. Structural framing and decking will be in process at the time of BP-3 award and will be progressing towards completion over the next several months. Refer to attached "Project Schedule Overview by Phase" for a general representation of anticipated progress (for illustration purposes only). We anticipate portions of the frame and decking to be complete to the extent to allow BP-3 rough-ins to begin well prior to the 80 day timeframe referenced.

Additional general schedule coordination aspects for consideration are noted as follows:

- Following contract award, the BP #3 Contractor will coordinate with the Construction Manager and the BP #2 Contractor for the entire project schedule, including slab on deck sequence, under-slab MEP sequence and slab on grade sequence. Rough-in work to install sleeves in metal decks for the easternmost sections of deck (approximate column lines "L" to S") are anticipated to be needed approximately 1 month after Notice to Proceed. It is also anticipated that the majority of slab on deck concrete placement for this zone ("L" to "S") will be completed approximately 1 month after that.

- The remaining progression of work flow will be coordinated with all parties but is anticipated to be from column lines D to L and then A to D. For column grid D to L, note that BP #3 Contractor hoisting access within the footprint of the building, and along Greene Street from "D" to "L", will be limited during this time with main access for BP #3 from "L" to "S" after slab on decks are completed in accordance with item 2A above. Exceptions may be allowed and must be fully coordinated with Construction Manager and BP #2 Contractor. Below grade rough-in work will be coordinated with BP #2 and targeted to be performed after steel installation and decking is installed at level 2. The BP #3 Contractor will need to coordinate access within the building footprint on a daily basis with the Construction Manager and share access and coordinate with the BP #2Contractor until their (BP #2) work in each zone is completed.

3. Reference section 01 10 00 Summary: Paragraph 1.4.C – To clarify, liquidated damages are not cumulative. The figures listed are not additive – this simply shows the progression of how damages increase as time progresses. The greatest cost for the Owner is the up-front cost to put alternative measures in place to accommodate classes. After that point, the costs would essentially be monthly operating expenses. Such expenses would continue after 90 days should the relevant portions of the facility not be ready beyond 90 days as indicated. Any damages assessed would be based on actual costs and are not included as a "penalty".

4. Reference section 01 31 00 Project Management and Coordination: At paragraph 1.3.C, add the following:

"8. Start-up and Testing
9. Owner Commissioning Activities"

At paragraph 1.3, add the following subparagraph 1.3.E:

"E. Concurrent Owner Contractor Coordination: The Owner will have multiple contractors working concurrently with the BP #3 Contractor for items such as Teledata/Communications, FF&E (Furniture, Fixtures & Equipment), Audio Visual wiring and equipment, Art work, etc. installations and also Commissioning. This contractor will coordinate Owner and Owner Contractor activities with the Construction Manager and will include all Owner activities in their schedule for review and approval of the Construction Manager."

Add the following statement to paragraph 1.7.B:

"These drawings include and show access for all valves, dampers, cable trays, clearances and other items requiring access for Owner service, maintenance and Commissioning. Include requirements for access and locations for Owner installed wiring and equipment. In preparation of the coordination drawings, the contractor should anticipate that minor changes in duct, pipe, and conduit locations to avoid space conflicts will be required. No extra compensation will be paid for relocating any duct, pipe, conduit or other material if work was improperly coordinated and /or not installed per coordination drawings. The Architect / Engineer in collaboration with the Construction Manager will, with assistance from the General Contractor for access as necessary, review any situations which may arise that require corrective actions for installed work. This Team shall determine if coordination drawings have been adequately planned and work properly executed prior to determination of any related costs or responsibility for corrective work. Refer also to section 23 01 00 General Mechanical Requirements for additional requirements and responsibility for coordination drawings. All trades requiring underground, in-wall or above ceiling rough-ins shall participate and assist in the development, review and approval of the coordination drawings."

5. As clarification regarding shotcrete wall work, note the following: A shotcrete/soil nail retaining wall was provided as part of the BP-1C Civil contract work. This wall is being partially backfilled to the final rough sub-grade elevations as part of the work under the BP-2 Structure contract. At remaining above-grade portions of the shotcrete retaining wall installed by BP-1C, a finish shotcrete wall surface will be provided near the end of the project by the BP-1C contractor. The BP-1C contractor will re-mobilize to install this finish wall along with additional scope still remaining their responsibility. There is no shotcrete included in the BP-3 scope of work.

6. Bidders should note that all equipment necessary of the BP-3 contractor for hoisting, moving, or setting materials is the sole responsibility of the BP-3 contractor. Cranes, hoists and other equipment are NOT being provided by BP-2 or others for the use of BP-3. Any sharing of such equipment for BP-3 use is purely between the relevant parties and shall result in no added expense to the Owner.

7. Bidders are also cautioned that proper planning and coordination is required for any significant temporary loading at the areas above shotcrete/soil nail retaining walls installed by the BP-1C Contractor earlier in the project. Areas above the wall at the Assembly Street side are mostly inaccessible due to the grade conditions in this area. Areas above the Greene Street side are more accessible but any loading should be avoided within 15 feet of the wall face. For temporary (or longer term) loading, review and coordinate with the Construction Manager well in advance to ensure adequate safety factors for wall loading are observed.

8. Bidders should note that the BP #2 Structure Contractor will install a temporary ramp from Greene Street down into the building footprint approximately along column line J, for their use for the access/egress of a crawler crane (for BP #2) and their building materials. This ramp will bridge the shotcrete/soil nail retaining wall at this location and will remain in place until slabs-on-grade at the auditorium areas are poured. The BP #3 contractor will have limited access to and use of this ramp. Any usage must be reviewed and coordinated in advance with the Construction Manager and the BP #2 Contractor. Below grade rough-

ins which must cross column line J must also be carefully planned and coordinated with all parties.

9. Lightweight aggregate backfill at Level 0 (BP-2 Structure): Bidder's attention is directed to plan sheet **S1100_bp3 Foundation Plan Level 0**. Note that backfill in areas with cross-hatching designation are zones at which lightweight aggregate backfill is/will be installed by the BP-2 Structure contractor. This material is defined as *"Lightweight Aggregate Backfill such as Stalite with maximum compacted unit weight of 60 PCF and a minimum loose unit weight of 45 PCF. Aggregate is to be wrapped in Geotextile Fabric."*

For rough-ins and work which must pass through these zones, additional work beyond typical excavation and backfill may be required and is the responsibility of the trade requiring such installations. Due to the aggregate nature of the material, some over-excavation and forming may be required for concrete encased or bedded items. Backfill with the same material is required within these zones.

Additionally, installation of required rough-ins below grade will occur below concrete grade beams installed by the BP #2 Contractor in some areas. While grade beams are generally shallow in nature (refer to structural drawings for details) the proper excavation, protection and backfill procedures are required.

Refer to plan sheets **E1100 Electrical Site & Subgrade Plan, P1200 DWV Piping Plan Level 0, P1300 Storm Water Piping Plan Level 0**, and other associated sheets for examples of rough-ins in the areas called out above.

10. Refer to OSE Form 00811 Standard Supplementary Conditions, paragraph 3.10: The Owner will NOT provide the referenced ten (10) sets of bid documents indicated. The BP-3 Contractor will be responsible for procuring/printing as many full or partial sets as necessary for the execution of the work of the contract. Note that ONE set is to be maintained and updated accordingly by the Contractor to serve as the official as-built documentation set for the project. This set shall be submitted with close-out documents as noted elsewhere in the specifications.

11. Bidders should note that the Construction Manager is responsible for their own temporary facilities, including office trailer and all support facilities. Refer to section 01 50 00 Temporary Facilities for specific requirements of the contractor.

12. Safety Provisions – General: Note that the BP-2 Structure contractor will provide for all necessary safety provisions for the work of their contract scope. They are not required or responsible to provide safety measures for the work of other bid packages including BP-3. However, as the work of BP-2 and BP-3 will overlap and many activities will coincide, safety measures such as safety barriers and safety cables at the building perimeter and deck openings, installed as required by OSHA and the Safety Program of the BP-2 contractor, may also serve to aid in the work of the BP-3 contractor. The ultimate responsibility for safe practices and all safety support materials as necessary rests with the BP-3 contractor for the work included in the BP-3 contract. Any temporary safety measures installed by BP-2 will be removed by BP-2 as the work of their contract is completed.

13. Refer to specification section 01 50 00 Temporary Facilities and Controls: At paragraph 2.1.B, CHANGE 8 foot high to 6 foot high. Delete *"Screening material to match existing*

screening material on Owner fencing."

ADD the following paragraph 3.4.D.2:

"3.4.D.2. Prior to establishing lockable/secure site as noted above, fully coordinate with Construction Manager to establish means for access for other parties requiring such (BP-2, BP-1C, USC Health & Safety, Campus Police, ect.)."

14. Sheet A1820, Floor Box Layout Plan Level 2, will be issued for coordination purposes of floorboxes located in raised floor, at a later time as to the winning bidder - similar to how Level 1, 3 and 4 which are currently included. For bidding purposes for level 2, refer to Electrical, AV and IT drawings.

15. Provide 30 linear feet of 26x16" ductwork and five elbows to provide supply air and relief air to/from AHU-108 and the DOAS unit.

16. Provide 60 linear feet of 28x14" ductwork and five elbows to provide supply air and relief air to/from AHU-109 and the DOAS unit.

17. Provide 30 linear feet of 20"x12" ductwork and five elbows to provide supply air and relief air to/from AHU-110 and the DOAS unit.

18. Provide 30 linear feet of 26x16" ductwork and five elbows to provide supply air and relief air to/from AHU-111 and the DOAS unit.

19. Provide 20 linear feet of 26x16" ductwork and five elbows to provide relief air from AHU-108 to the DOAS unit.

20. Controls contractor shall provide 10 additional zone temperature sensors, chilled beam chilled water and hot water control valves. Locations to be determined during shop drawing phase.

21. Provide 3" grey water piping riser from grey water treatment system up through the chases on the southwest group toilets on the southwest corner of the building through Level 4. On each floor provide a minimum 2" header pipe (larger if indicated on plans or riser diagrams) to connect all flush valve fixtures to. On each floor provide shock arrestors on each dead-end line. Size per PDI recommendations.

22. The ¾" FO line represents the path of a supply and return drain line to a day tank that is integral to the emergency generator. Leak detection system shall be in accordance with Section 23 11 13.2.11. Shut of valves shall be provided at all connection points on the system.

C. CHANGES TO TECHNICAL SPECIFICATIONS AND DRAWINGS:

SPECIFICATIONS

Item No. Description

1. Specification Section 12 36 23.13 - Roller Window Shades:
   Art. 2.2.A, add the following reference at end of paragraph, "Sheet A8501 and A1200 series".
   Art. 2.2.L.1, delete "as indicated in equipment schedule in volume 7 of the specifications"(see Mark N email 5/31)

2. Specification Section 10 26 00 – Operable Panel Partitions: Art 1.9.A.1, delete item C. There are no electric operators and controls for operable panel partitions.

3. Specification Section 33 10 05 Rainwater Harvesting System: Reissued with additions in bold.

4. Specification Section 32 95 00 Green Roof Assembly: Replace Art. 2.11.A.3.a with the following: "The water delivery rate shall be 0.4 gph/ft."

5. Specification Section 22 41 00 Storm utility Drainage Piping:
   2.12.A: Removed "installed".
   2.12.A.1: Replaced "60 microns" with "350 microns".

6. Include the following acceptable product manufacturers under the following sections:

Spec. Section:	Description:	Manufacturer:
05 58 13	Column Covers	Abrams Arch. Products_Stainless steel
07 41 00	Metal Wall Panels	Alpolic Wall Panels_6mm
07 41 20 11	Aluminum Composite Panel	Abrams Arch. Products_6mm
07 41 20	Aluminum Composite Panels	Laminators Inc.
07 41 20	Metal Wall Panels	Morin Corp
07 41 20	Aluminum Composite Panel	Laminators Inc.
07 42 13.23	Phenolic Panels (Alternate)	EcoClad
07 42 13.23	Phenolic Panels (Alternate)	Vivix by Kistler McDougall Corp.
07 54 19	PVC Membrane Roofing	Versico
08 41 00	Curtain Wall Alum Doors	Coral
08 63 00	Skylight	Imperial Glass Structure Company
08 63 00	Skylight	Sunshine Rooms
08 71 00	Hinges	Ives
08 71 00	Continuous Geared Hinges	Ives
08 71 00	Electrified Hinges	Ives TW Option
08 71 00	Elec. Cont. Geared Electric Transfer Hinges	Ives TW Option
08 71 00	Elec. Door Hardware Cords	Schlage Electronics
08 71 00	Mechanical Locks and Latching Devices	Schlarge L9000 Series
08 71 00	Multi-point Lockets	Schlarge LM9000
08 71 00	Electric Strikes	Von Durprin
08 71 00	Conventional Push Rail Exit	Von Duprin 99 Series

	Devices	
08 71 00	Door Closers, surface Mounted (Heavy Duty)	LCN 4040XP Series
08 71 00	Door Closers, Surface Mounted (Unitrol)	LCN 4040XP SCUSH Series
08 71 00	Overhead Door Stops and Holders	Glynn Johnson
08 71 00	Architectural Seals	Zero International
08 71 00	Request-to-Exit Motion Sensor	Schlage Electronics Scan II-B
08 90 00	Exterior Louvers	American Warming & Ventilation_LE-59
08 90 00	Exterior Louvers	Reliable (A Division of Ruskin) 745WR for LV-1
09 27 10	GFRC Exterior Column Covers	Plasterform
09 21 50	GFRG Interior Column Covers	Plasterform
09 67 23	Resinous Flooring	Key Resin Company
09 91 00	Paint	Rose Talbert Paint Co.
10 22 19	Toilet Compartments	Accurate Partitions Corp
10 26 00	Operable Panel Partitions	Southeasten Acoustics
10 26 00	Operable Panel Partitions	Advanced Equipment Corporation
10 27 00	Wall and Door Protection	Pawling Corporation
10 28 13	Access Flooring	NetFloor
10 44 10	Toilet Accessaries	Bradley
10 44 10	Toilet Partitions	Accurate Partitions
11 06 60	Theatrical Equipment Performance Lighting System: 2.4, D & 2.5, B.	Strand, ETC
12 61 00	Entrance Floor Grilles and Frames	Balco
22 11 23.13	Domestic Water Packaged Booster Pumps	James M. Pleasants Co.
26 09 23	Lighting Controls	Lutron
32 94 50	Silva Cells	Strata Cells by Citygreen
32 95 00	Green Room Assembly	Tecta America
23 05 14	Pipe Expansion Loops	Mason Industries
23 21 13	Dirt Separator	Taco
23 31 13	Spiral Duct	TurnKey Munufacturing
23 31 13	SW&DW Rect & Spiral Ductwork	L.R. Gorrell Co.
23 31 14	FRP Duct	VanAire
23 33 00	Dampers	Pottorff
23 33 00	Sound Attenuators	Vibro-Acoustics
23 34 23	Pollution Control Unit	Captivaire Pollution Control Unit by Hahn Mason Air Systems
23 34 23	Fans and Gravity Hoods	Twin City Fan

23 74 33	Custom AHU with Dual Energy Wheels	Johnson Controls, Inc.
23 81 27	Variable Refrigerant Flow Air AC Systems	Johnson Controls, Inc.
23 81 27	VRF and Ductless Splits	Panasonic
23 82 19	Fan Coil Units	IEC
23 82 39	Electric Heaters	Raywall
23 82 45	Active Chilled Beams	Dadanco

7. Specification Section 07 41 20 (Metal Wall Panels) and BP3 Addendum 2, Item #9–
Revise Article: 2.5.B.3.a.ii, Revise panel colors:
ii. MP04 - Provide Natural Copper as specified in Section 07 61 00.

8. Specification Section 07 41 20 (Metal Wall Panels) – Revise Sections as follows:
Art. 2.5.B.3.a Add clarification:
iii. MP-10 - Provide 3 custom colors to match Architects sample in the following distribution **randomly placed as directed by the Architect**:
a. Color 1 - 65%
b. Color 2 - 25%
c. Color 3 - 10%

9. Specification Section 08 41 00 (Entrances, Window Wall): Delete 1.2 A 1. ~~Curved~~ & 2.5 B 2 delete ~~Curved~~

10. Specification Section 10 28 13 (Access Flooring), Art 1.4, add:

F. Follow the guidelines in the "Price Engineer's HVAC Handbook, Edition 1, Chapter 17 – Introduction to underfloor air distribution" for the design and construction of the access flooring system.
G. Provide testing of the access flooring system to determine the amount of category 1 and 2 air leakage. The average test pressure should be at 0.05" wg. The maximum allowable leakage rate for category 1 is 5% by volume. The maximum allowable leakage rate for category 2 is 10% more than the category 1 leakage.

To Art 1.5, add:
I. Air leakage test results of the access flooring system with performance requirements.

11. Specification Section 12 36 23.13 (Roller Window Shades), Art 2.4 F, Add:
2. Manual Control Stations: Manufacturers Momentary-contact, three-position, toggle-style, wall switch-operated control station with open, close, and center off functions.
a. Color: As selected

12. Specification Section 07 61 00 – Par. 2.2.D, Revise title to read:
"Copper Wall Panel Sheets (MP-4)"

13. Specification Section 26 32 13 – Emergency Power Generating System: Delete paragraph 2.15.A, and replace with the following:
"Provide a radiator-mounted, **300** KW (minimum) resistive load bank for exercising generator under load without having to operate ATS's in the facility. The load bank shall be capable of being pre-programmed to provide a single or multi-stepped load, in 50KW increments up to 100% of its

nameplate rating. The load bank shall be mounted downstream of the radiator exhaust with unit-mounted (or remote-mounted), readily accessible controls."

14. Specification Section 26 24 16 – Panelboards: Add the following Paragraph 15 to section 2.8.B, to read as follows:

"15. Network communications from The Modbus RTU protocol to the Div 23-provided Building Management/Automation System (BMS/BAS), shall be provided with Div 26-provided gateways. Gateways shall convert the Modbus protocol to the BacNet protocol used by the BMS/BAS. All information transmitted to the BMS shall consist of pre-programmed fields to identify the information being transmitted for use by the BMS algorithms used to determine total energy usage in the facility. The programmed data fields shall include, at a minimum, the following information:

a. Meter Number

b. Load data (KVA)

c. Load Type (ex: Receptacle, interior lighting, exterior lighting, HVAC, Elevator, etc.)

d. Load Location Description (ex: Office 421, AHU-1, Courtyard lights, etc.)"

15. Revise 22 11 16 3.16.I from "domestic water piping" to grey water piping.

16. Revise 22 11 16 3.16.I.1 delete ductile iron pipe. Replace with Hard wrought-copper tube, ASTM B88, Type L, with brazed joint fittings and brazed joints.

17. Revise 22 11 16 3.16.G delete ductile iron pipe. Replace with Hard wrought-copper tube, ASTM B88, Type L, with brazed joint fittings and brazed joints.

18. For underground fuel tank shown and fuel oil piping (indicated by FO) shown on P1100D, see specification 23 11 13.

19. Revise Section 23 11 13, add section 2.9.M stating: Capacity: nominal 1000 gallons. Diameter= 4' Length 11.7'. Provide with two 48" manways (one for access, one for pump), 2" fill line, 2" vent line.

20. Revise Section 23 11 13.2.10, replace with: Capacities and Characteristic: 1/3 HP fixed speed submersible pump capable of 20 gpm at 65 feet of head. FE Petro STP series or equal. Provide with all standard features provided with the Petro STP pump.

21. Revise Section 23 11 13, add section 2.9.M stating: Provide with ¾ supply and return line to generator day tank. Provide with Preferred Manufacturing Model V 1" backpressure regulating valve, or equal. Set pressure= 100 psi, Spring range = 30-150 psi). All underground piping to be installed inside be installed inside an APT flexible ducting system (APT DCT-400 or equal) that drains to a sump on the underground fuel tank.

22. Replace specification 23 05 19 with revised spec.

23. Replace specification 23 05 23 with revised spec.

24. Replace specification 23 57 00 with revised spec.

25. Replace specification 23 57 00.01 with revised spec.

26. Section 23 09 00, paragraph F, delete section 1, a, b, c and replace with:

"All power monitoring devices will be provided by Division 26. Information from these devices will be conveyed by Bacnet protocol. Johnson Controls will receive this information and integrate into the CCMS. Johnson Controls shall provide programming necessary to isolate individual loads for DOE measurement and verification purposes. This information can then be monitored and will be displayed by the campus energy dashboard."

27. Section 23 09 00, delete section 1.2.L and replace with:

1. The demarcation of work and responsibilities between the BMS Contractor and other related trades shall be as outlined in the BMS RESPONSIBILITY MATRIX. The scope of work for the Division 26 contractor shall be as described within the Division 26 specifications, and related electrical drawings. Where references are made in the BMS matrix below regarding the responsibilities of the Division 26 Contractor with respect to the control systems described herein, this "referenced" scope shall be limited within this specification section to the specific scope described below:

1. The Division 26 contractor shall provide "120V-Control-Power" through a series of junction boxes located throughout the facility, at locations shown on the electrical drawings. These junction boxes have been noted with the subscript "BMC", to denote their intended purpose is to supply 120V control power for the Division 23-provided, **B**uilding **M**anagement **C**ontrol system sub-panels and their ancillary components.

   The Div 26 contractor shall also provide a 6' flexible extension of the branch circuit from each "BMC" J-box and shall make final power connections to the line side of the BMS panels/control-equipment. In cases where the BMS contractor installs control panels/equipment requiring 120V control-power connections, at distances greater than 6' from these designated J-boxes, the BMS contractor shall provide the branch circuit extensions from these BMS J-boxes to the terminal equipment. Color-coding of the branch circuit conductor extensions, shall remain consistent with those of the Div 26-provided conductors---regardless of which contractor provides these extensions.

   Unused "BMC" J-Boxes, shall have their branch circuit conductors taped and capped under Div 26, under a labeled J-Box cover, for future use by the owner. J-Box Labeling shall be clearly legible and shall identify the Panelboard/Circuit Number(s) of conductors located inside the box.

2. The Division 26 contractor shall provide "120V-Control-Power" to the line-side of all VAV-boxes, with the intended purpose of powering a low-voltage (24V-nominal) transformer internal to each unit, for control power. Extension of the 24V control power to ancillary equipment shall be provided by the BMS contractor.

3. The Division 26 contractor shall provide "120V-Line-Power" to a network of centrally located BMS control panels, as indicated on the electrical drawings.

4. The Division 26 contractor shall provide a riser-network of empty backbone-raceways for interconnection of the main BMS panels for use by the BMS contractor for the installation of the BMS network backbone-cable. The extent of this empty backbone-raceway required under Div 26, shall be as depicted on the electrical drawings. Any raceway extensions required from

these main BMS panels to any ancillary BMS equipment for control power and/or additional BMS network cabling, shall be provided by the BMS contractor.

BMS RESPONSIBILITY MATRIX				
WORK	FURNISH	INSTALL	Low Volt. WIRING/TUBE	LINE POWER
BMS low voltage and communication wiring	BMS	BMS	BMS	N/A
VAV box nodes	BMS	23	BMS	26
Chilled Beam nodes	BMS	23	BMS	26
BMS conduits and raceway	BMS	BMS	BMS	BMS
Automatic dampers	23	23	N/A	N/A
Manual valves	23	23	N/A	N/A
Automatic valves	BMS	23	BMS	N/A
VAV boxes	23	23	N/A	N/A
Pipe insertion devices and taps including thermowells, flow and pressure stations.	BMS	23	BMS	26
BMS Current Switches.	BMS	BMS	BMS	N/A
BMS Control Relays	BMS	BMS	BMS	N/A
BMS System-Programming to accept Modbus-to-BACnet digital inputs from the Div 26-provided, Energy-Monitoring-System	BMS	BMS	NA	NA
Concrete and/or inertia equipment pads and seismic bracing	23	23	N/A	N/A
BMS interface with Chiller controls	BMS	BMS	BMS	BMS
Chiller controls interface with BMS	23	23	BMS	26
BMS interface with Underfloor controls	BMS	BMS	BMS	BMS
Underfloor controls interface with BMS	23	23	BMS	26
All BMS Nodes, equipment, housings, enclosures and panels.	BMS	BMS	BMS	26
Smoke Dampers	23	23	BMS	26
Fire/Smoke Dampers	23	23	BMS	26
Fire Dampers	23	23	N/A	N/A
VFDs	23	26	BMS	26
Fire Alarm shutdown relay interlock wiring	28	28	28	26
Fire Alarm smoke control relay interlock wiring	28	28	BMS	26
Fan Coil Unit controls	BMS	BMS	BMS	26
Unit Heater controls	BMS	BMS	BMS	26
Starters, HOA switches	23	23	N/A	26
Control damper actuators	BMS	BMS	BMS	26

28. Specification Section 116173– Adjustable Acoustical Absorption: Delete paragraph 3.2, K-N for clarity as not applicable.

29. Specification Section 116173– Adjustable Acoustical Absorption: Replace 3.2 J, "All track shall be supported in accordance with the manufacturer's recommendations. Methods of support and hardware shall be as detailed on the drawings" with the following, "Manufacturer and installing subcontractor shall work together with related AV and TE subcontractors to program the integrated Crestron Control system.

30. Specification Section 116173– Adjustable Acoustical Absorption: Add 2.6 Control, A. Provide Motor Control Station with touchscreen to allow control of individual or groups of hoists. Motor Control Station will also provide connection to contact closures that allow control and pre-set programing on the banners by the Crestron Control System RE: AV.

31. Specification Section 114000, Item 48 – ADD the following accessory: Unit to be mounted in exhaust hood cabinet.

32. Specification Section 114000, Item 81 – REPLACE requirements for stainless steel undershelf with the following: Open tubular base to accommodate ingredient bins below.

33. Specification Section 114000, Item 102 – ADD the following accessory: Unit to comply with NSF7 and DHEC requirements for maintaining food temperature.

34. Specification Section 114000, Item 158-160 – DELETE paragraph and replace with the following:
ITEM NO. 158 - CONDIMENT CONTAINER (1REQ'D)
Cal-Mil Model 187 Alt. Rosseto, Server

ITEM NO. 159-160 - SPARE NUMBER

35. Specification Section 114000, Item 167 – CHANGE quantity to three (3) required

36. Specification Section 114000, Item 169 – CHANGE model number to RIH232L-FHS

DRAWINGS

Item No.	Description

1. Sheet A1100, A1100A, A 1100E: Floor Plan - Level 0. Refer to A-SK-047 & A-SK-048 - Door and room tag revision.

2. Sheet A1110B, A1110D: Enlarged Floor Plan – level 1. Refer to A-SK-049 - Door and room tag revision.

3. Sheet A1120A, A1120B, A1120C, A1120D Enlarged Floor Plan – level 2. Refer to A-SK-050, A-SK-051, A-SK-052, A-SK-053 - Door and room tag revision.

4. Sheet A 1130, A 1130A, A 1130C: Floor plan – Level 3. Refer to A-SK-054 & A-SK-055 - Door and room tag revision.

5. Sheet A1140A, A1140B, A1140C, A1140D: Floor Plan – Level 4. Refer to A-SK-056 & A-SK-057 - Door and room tag revision.

6. Sheet A1810: Floor box Layout Plan – Level 1. Refer to A-SK-058 – Revised floorbox layout

7. Sheet A0321 & 0322: Refer to attached sketch A-SK-059. Structural information – reference added.

8. Sheet A0323.0: Refer to attached sketch A-SK-060. Structural information – reference added.

9. Sheet A0362: Refer to attached sketch A-SK-061. Base footing revision.

10. Sheet A4921: Refer to attached sketch A-SK-062. Base footing revision.

11. Sheet A5000, A1100, A1100F: Refer to attached sketch A-SK-063. Elevator EV4 control room added.

12. Sheet A4912: Refer to attached sketch A-SK-064. Lighting fixture detail revision

13. Sheet A0303, A1120, A4923: Refer to attached sketch A-SK-065. Lighting fixture detail revision, 2 lighting fixtures on south side added.

14. Sheet A1220B, 1230A: Refer to attached sketch A-SK-066. Lighting fixture at grand stair 5,6 and level 2,3 vestibule revision.

15. Sheet A4423: Refer to attached sketch A-SK-067. Lighting fixture at grand stair 5,6 and level 2,3 vestibule revision. Speaker layout added. Conduit beam penetration coordination noted.

16. Sheet A4424, 4425: Refer to attached sketch A-SK-068. Lighting fixture detail at grand stair 5,6 revision.

17. Sheet A1220C, A1220D: Refer to attached sketch A-SK-069. Level 2 pavilion ceiling tag revision and dimension clarification.

18. Sheet A7103: Refer to attached sketch A-SK-070. Lighting fixture detail at pavilion ceiling revision. Ceiling finish clarification.

19. Sheet 4802.1, A4804, A480,: Refer to attached sketch A-SK-071. Cable infill guardrail type cable spacing revision. Top rail with integral led lighting fixture detail and fixture schedule revision. Galvanized base plate size revision.

20. Sheet 4803.1: Refer to attached sketch A-SK-072. Guardrail base waterproofing detail revision. Guardrail post spacing revision.

21. Sheet 4803.1: Refer to attached sketch A-SK-073. Guardrail base waterproofing detail revision. Guardrail post spacing revision.

22. Sheet A4805, 4805.1: Refer to attached sketch A-SK-074. Guardrail base footing size revision. Guard rail post spacing revision.

23. Sheet A4389: Refer to attached sketch A-SK-075. Site elevator EV9 cab operating panel location revision. Elevator cab reflected ceiling plan and elevations added.

24. Sheet A4850: Refer to attached sketch A-SK-076. Flag pole & flag pole support detail revision and structural information added.

25. Sheet A8201, 8202, 8203, 8204: Refer to attached sketch A-SK-077. Door schedule revision.

26. Sheet A2101, A2102, A2103, A2004, A2201, A2211, A2221, A2222, A2231, A2232, A2241, A2251: Refer to attached sketch A-SK-078. Level 4 metal panel (MP-10) color distribution.

27. Sheet A4621.3, A4621.13: Refer to attached sketch A-SK-079. New beam under existing slab added at level 2 vestibule.

28. Sheet A4621.5: Refer to attached sketch A-SK-080. Vestibule typical detail revision.

29. Sheet A4621.5: Refer to attached sketch A-SK-081. EWS-2.1 typical detail revision.

30. Sheet A4610.0, A4610.1, A4610.2, A4610.2A, A4601.3, A4601.6, A4601.7, A4601.8: Refer to attached sketch A-SK-082. Level 1 west louver wall steel section.

31. Sheet A4610.0, A4610.1, A4610.2, A4610.2A, A4601.3, A4601.6, A4601.7, A4601.8: Refer to attached sketch A-SK-083. Level 1 west louver wall steel section.

32. Sheet A2102, 2221, A4610.0_BP3, A4610.3_BP3: Refer to attached sketch A-SK-084. Level 1 west louver wall elevation revision.

33. Sheet A4610.3: Refer to attached sketch A-SK-085. Level 1 west louver wall plan revision.

34. Sheet A4426: Refer to attached sketch A-SK-086. Level 2 grand stair landing revision.

35. Sheet A4429, A4426: Refer to attached sketch A-SK-087. Level 1 grand stair soffit added.

36. Sheet A4430: Refer to attached sketch A-SK-088. Level 2 grand stair at skylight detail revision.

37. Sheet A4430: Refer to attached sketch A-SK-089. Level 2 grand stair at skylight detail revision.

38. Sheet A4430: Refer to attached sketch A-SK-090. Level 2 grand stair at skylight detail revision.

39. Sheet A4426 for plan : Refer to attached sketch A-SK-091. Level 2 skylight gutter detail added.

40. Sheet A4611.5: Refer to attached sketch A-SK-092. Level 1 MP-1 detail revision

41. Sheet A7015: Details Performance Hall. Refer to A-SK-094 – Clarified phasing. Added back boxes for theatrical equipment.

42. Sheet A7017: Seating Details Performance Hall & Lecture Hall. Refer to A-SK-095 - Added backbox behind performance hall fixed seating. Added framing as required for lecture hall display board.

43. Sheet A7106: Ceiling Details Performance Hall. Refer to A-SK-096 - Clarified phasing. Added sound speaker for Future AV Phase.

44. Sheet A7404: Flooring Details Performance Hall. Refer to A-SK-097 – For inset speaker, provide conduit, AV box, and appropriate space in concrete.

45. Sheet A7615: Millwork Plans & Elevations Credenzas & Shelving. Refer to A-SK-098 - Moved Telecommunications Access Panel down.

46. Sheet A7624: Millwork Sections Credenzas. Refer to A-SK-099 - Moved Telecommunications Access Panel down with reinforced shelf. Provide conduit to Telecom Room.

47. Sheet A7101: Ceiling Details. Refer to A-SK-100 – Ceiling assembly modified to comply with seismic category "C". Clarified phasing.

48. Sheet SN2005: Refer to attached sketch SN-SK-001. Exterior post sign type base footing information added.

49. Sheet SN5001: Refer to attached sketch SN-SK-002. Photoluminescent strip on stair (S8-04) WORK SCOPE CLARIFICATION.

50. Sheet SN1120D: Refer to attached sketch SN-SK-003. Signage revision.

51. Sheet E1200 Power & Signal Plan, Level 0: Add addressable Output module at Kitchen panels KLA & KLB for operation of the shunt trip circuit breakers in these panels.

52. Sheet E1200 Power & Signal Plan, Level 0: Provide a 20A, dedicated branch circuit from Panel KLA-8 and connect to the kitchen gas-solenoid-valve. [*Activation of either hood fire extinguishing systems shall de-energize (and close) the gas-valve, via the operation of the shunt trip CBs*.]

53. Sheet E3000 Panelboard Schedules, Level 0: Add branch circuit to Kitchen gas solenoid valve in Panel KLA- CCT #8, consisting of ¾"C with 2#12 & 1#12 GND.

54. Sheet E1220 Power & Signal Plan, Level 2: Add addressable Output module at Kitchen panels 2KLA & 2KLB for operation of the shunt trip circuit breakers in these panels.

55. Sheet E1220 Power & Signal Plan, Level 2: Provide a 20A, dedicated branch circuit from Panel 2KLA-18 and connect to the cafe gas-solenoid-valve. [*Activation of the hood fire extinguishing system shall de-energize (and close) the gas-valve, via the operation of the shunt trip CBs*.]

56. Sheet E3002 Panelboard Schedules, Level 2: Add branch circuit to Kitchen gas solenoid valve in Panel 2KLA- CCT #18, consisting of ¾"C with 2#12 & 1#12 GND, as indicated in attached Sketch E-SK-007.

57. Sheet E0102 Electrical Power Riser Diagram: Revise the generator's load-bank to 300KW, and decrease the CB feeding the load bank to 500A/3P CB.

58. Sheet E1200 Power & Signal Plan, Level 0: Provide a 20A, dedicated branch circuit from Panel XSB-LC-23 and connect to sump pump "SP-13" in Green Room 017 through a Div 23-provided safety switch. *SP-13 was added in Addendum #2.*

59. Sheet E1200 Power & Signal Plan, Level 0: Delete reference to the tap box in the electrical, service- transformer-vault.

60. Sheet E3000 Panelboard Schedules, Level 0: Add branch circuit to sump pump SP13 in Panel XSB-LC- CCT #23, consisting of ¾"C with 2#12 & 1#12 GND.

61. Sheet E3002 Panelboard Schedules, Level 0: Add branch circuit for "Shunt-Trip-CB Power" in Panel KLA-CCT #20, consisting of ¾"C with 2#12 & 1#12 GND, as indicated in attached Sketch E-SK-007..

62. Sheet E1000-Electrical Site & Subgrade Plan: Provide two dedicated, 20A branch circuits to serve each sump pump located in each of the two steam-vaults from Panel 0BLB-13,15.. (Both vaults are located along Green Street in line with column M & P.) Connect sump pumps through Div. 23-furnished Safety Switches (located in the vaults) via Div 23-furnished Pump-Alarm-Panels, (located in Mechanical Room 021 along wall between columns Q/05 & R/05, --- near the location where the underground site-steam-lines enter the building .)

63. Sheet E3000 Panelboard Schedules, Level 0: Add two branch circuits for each "Steam-Vault Sump Pump" in Panel OBLB-CCTs #13 & 15, respectively, with each branch circuit consisting of ¾"C with 2#10 & 1#10 GND.

64. Sheet E1200 Power & Signal Plan, Level 0: Add Div. 23-provided steam-vault sump pit Alarm panels (SSPAP-A & SSPAP-B) in Mechanical Room 021 along wall between columns Q/05 & R/05, --- near the location where the underground site-steam-lines enter the building. *(The branch circuits to these sump pumps are to be routed through these alarm panels.*)

65. Sheet E1221 Kitchen Power Plan, Level 2: Delete Sheet E1221 and replace with the attached, revised Sheet E1221, with indicated food-service-equipment location revisions.

66. Sheet E1210 Power & Signal Plan, Level 1: Add electrical raceway and control wiring connections from each Motor Operator Blind (MB) shown on the drawing, to its companion "up-down-stop" (UDS) control-station/switch. Provide ¾"c and control conductors from each MOB to its respective UDS, and install the control-station adjacent to the lighting control station/switch in each space. UDS control-stations/switches are to be furnished with the shades, and installed under Div 26.

67. Sheet E1230 Power & Signal Plan, Level 3: Add electrical raceway and control wiring connections from each Motor Operator Blind (MB) shown on the drawing, to its companion "up-down-stop" (UDS) control-station/switch. Provide ¾"c and control conductors from each MB to its respective UDS, and install the control-station adjacent to the lighting control station/switch in each space. UDS control-stations/switches are to be furnished with the shades, and installed under Div 26.

68. Sheet E1240 Power & Signal Plan, Level 4: Add electrical raceway and control wiring connections from each Motor Operator Blind (MB) shown on the drawing, to its companion "up-down-stop" (UDS) control-station/switch. Provide ¾"c and control conductors from each MB to its respective UDS, and install the control-station adjacent to the lighting control station/switch in each space. UDS control-stations/switches are to be furnished with the shades, and installed under Div 26.

69. Sheet E1200 Power & Signal Plan, Level 0: Provide a 20A, dedicated branch circuit from Panel XSB-LC-25 and connect to sump pump "SP-12" in Mechanical Room 021 through a Div 23-provided safety switch. *SP-12 was added in Addendum #2.*

70. Sheet E3000 Panelboard Schedules, Level 0: Add branch circuit to Sump Pump SP-12 in Panel XSB- CCT #25, consisting of ¾"C with 2#12 & 1#12 GND.

71. Sheet E3002 Panelboard Schedules, Level 2: Revise branch circuit wiring in Panel 2KLA to reflect Café area revisions, as indicated in attached sketch E-SK-007.

72. Sheet E3002 Panelboard Schedules, Level 2: Revise branch circuit wiring in Panel 2KLB to reflect Café area revisions, as indicated in attached sketch E-SK-008.

73. Sheet E1200 Power & Signal Plan, Level 0: Provide a 20A, dedicated branch circuit from Panel 0ALA-28 and connect to Rainwater-Flow-Meter-Transmitter, via a waterproof J-Box co-located in the rainwater holding tank along Park Street. Provide a ¾" empty conduit from the rainwater tank to the Main Telecom Room on level 0 for HVAC monitoring/control cable connections.

74. Sheet E3000 Panelboard Schedules, Level 0: Add branch circuit to Rainwater-Flow-Meter Transmitter in Panel 0ALA- CCT #25, consisting of ¾"C with 2#12 & 1#12 GND.

75. Sheet E1200 Power & Signal Plan, Level 0: Provide a 20A, dedicated branch circuit from Panel 0ALA-30 and connect to Chilled Water Automatic Transfer Valve, via a waterproof J-Box co-located in the chilled water piping vault along Park Street. Provide a ¾" empty conduit from the chilled water vault to the Main Telecom Room on level 0 for HVAC monitoring/control cable connections.

76. Sheet E3000 Panelboard Schedules, Level 0: Add branch circuit to Chilled Water Automatic-Transfer-Valve in Panel 0ALA- CCT #30, consisting of ¾"C with 2#12 & 1#12 GND.

77. Sheet E1201 Power & Signal Plan, Level 1: Provide a 20A, dedicated branch circuit from Panel 1ALC-25 and connect to Hoist-Control-Station (HCS) located in the control room of the performance hall, for the motor operated acoustical panels, via a wall mounted safety switch. See TE-Series Drawings for the exact location of HCS.

78. Sheet E3001 Panelboard Schedules, Level 1: Add branch circuit to Hoist Control Station in Panel 1ALC- CCT #25, consisting of ¾"C with 2#12 & 1#12 GND.

79. Sheet E1201 Power & Signal Plan, Level 1: Revise circuiting to the motor operated acoustic panels shown in the performance hall, so that three panels are connected to each branch circuit in lieu of the current arrangement where six units are connected to a single branch circuit. Feed the two "new" groups from Panel 0ALC-35 & 37, respectively.

80. Sheet E3000 Panelboard Schedules, Level 0: Add two additional branch circuits for the "regrouped" acoustical panels in Panel 0ALC CCTs 35 & 37, with each branch circuit consisting of ¾"C with 2#12 & 1#12 GND.

81. Sheet E1120 Lighting Plan, Level 2: In Grand Stairwell ST06 Landing near vestibule V203, change (4) type LT-06 light fixture to (4) type LT-59 emergency lighting fixtures and extend the emergency lighting circuit to all four fixtures. See architectural reflected ceiling plan for revised fixture layout. Add the following note to the drawing: 'The contractor shall coordinate raceway routing for light fixtures in interior grand staircase ST-05 & ST-06 with architectural sections and details.'

82. Sheet E1120 Lighting Plan, Level 2: In Grand Stairwell ST05 Landing near vestibule V202, change (4) type LT-06 light fixture to (4) type LT-59 emergency lighting fixtures and extend the emergency lighting circuit to all four fixtures. See architectural reflected ceiling plan for revised fixture layout.

83. Sheet E1120 Lighting Plan, Level 2: In Servery 241, delete approximately 24' of type LT-17 cove lighting along the south portion of the servery at the entrance. See architectural details and plans for revised fixture layout.

84. Sheet E1130 Lighting Plan, Level 3: In Grand Stairwell ST06 Landing near vestibule V403, change (6) type LT-06 light fixture to (3) type LT-59 emergency lighting fixtures and extend the emergency lighting circuit to all three fixtures. See architectural reflected ceiling plan for revised fixture layout. Add the following note to the drawing: 'The contractor shall coordinate raceway routing for light fixtures in interior grand staircase ST-05 & ST-06 with architectural sections and details.'

85. Sheet E1130 Lighting Plan, Level 3: In Grand Stairwell ST05 Landing near vestibule V301, change (6) type LT-06 light fixture to (3) type LT-59 emergency lighting fixtures and extend the emergency lighting circuit to all three fixtures. See architectural reflected ceiling plan for revised fixture layout.

86. Sheet E1140 Lighting Plan, Level 4: In Grand Stairwell ST06 Landing near vestibule V403, change (4) type LT-06 light fixture to (4) type LT-17 emergency lighting fixtures and extend the emergency lighting circuit to all four fixtures. See architectural reflected ceiling plan for revised fixture layout. Add the following note to the drawing: 'The contractor shall coordinate raceway routing for light fixtures in interior grand staircase ST-05 & ST-06 with architectural sections and details.'

87. Sheet E1140 Lighting Plan, Level 4: In Grand Stairwell ST05 Landing near vestibule V401, change (1) type LT-06 light fixture to (1) type LT-47 emergency lighting fixtures and extend the emergency lighting circuit to the fixtures. See architectural reflected ceiling plan for revised fixture layout.

88. Sheet E1110 Lighting Plan, Level 1: In elevators EV03 & EV-04, add a type LT-58 light fixture in the top of each hoistway controlled by a toggle switch mounted on the landing inside the hoistway.

89. Sheet E1110 Lighting Plan, Level 1: In elevator EV09, add a toggle switch mounted on the landing inside the hoistway to control the LT-58 light fixture inside the hoistway.

90. Sheet E1120 Lighting Plan, Level 2: In elevators EV05 & EV-06, add a type LT-58 light fixture in the top of each hoistway controlled by a toggle switch mounted on the landing inside the hoistway.

91. Sheet E1150 Lighting Plan, Level 5: In elevators EV01, EV02, EV07, & EV08, add a type LT-58 light fixture in the top of each hoistway controlled by a toggle switch mounted on the landing inside the hoistway.

92. Sheet E1151 Lighting Plan, Level 5 Alternate: In elevators EV01, EV02, EV07, & EV08, add a type LT-58 light fixture in the top of each hoistway controlled by a toggle switch mounted on the landing inside the hoistway.

93. Sheet E5001 Electrical Schedule, Lighting Fixture Schedule: Additional approved manufacturers added:

- LT-01, LT-01A, LT-01B, LT-02, LT-02A, LT-02B, LT-03, LT-04, LT-18, LT-54: Add "Or Equal by USA Illumination"
- LT-12: Add "Or Equal by Lithonia"
- LT-17: Add "Or Equal by Lumen Pulse"
- LT-21, LT-21A, LT-21B, LT-21C: Add "Or Equal by Focal Point"
- LT-22: Add "Or Equal by Healthcare Lighting"
- LT-23, LT-23A: Add "Or Equal by Se'lux"
- LT-45: Add "Or Equal by Lumen Pulse"
- LT-51A, LT-51B: Add "Or Equal by Lithonia- Hydrel"
- LT-58: Add "Or Equal by Phoenix"

94. E5001 Electrical Schedule, Lighting Fixture Schedule: Add Type LT-59:

LT-59
NOMINAL 4' LONG SIDE-MOUNTED LINEAR FLUORESCENT FIXTURE WITH LOUVER. FIXTURE AIMS DOWN, MOUNTED FROM SIDE WITH BRACKET ATTACHED TO TEE .

3.75" HIGH AND 2.25" WIDE, WITH OVERALL PROJECTION OF NO MORE THAN 3.25". MODIFIED FOR END-FEED FROM CONDUIT. CUSTOM PAINT FINISH AS DIRECTED BY ARCHITECT. LISTED FOR DAMP LOCATION.

AXIS LIGHTING
BEAM 2 WALL DIRECT WITH LOUVER, END FEED, CUSTOM FINISH
BWD PL 4 T8 1 C UNV E 1 C
OR EQUAL BY XAL

(1) F32T8/TL835/PLUS/ALTO
277V
31W PER FIXT.

LOCATED AT GRAND STAIR LANDINGS

95. Plan Sheets M1110 series, Acoustical Note #1, revise Room number 132 to 137.

96. Plan Sheet M6101, revise note 9 on the Modular Indoor Air Handler Schedule for AHU-105 to state: "Provide with Ultra-Sorb LV Humidifier. Capacity 142.5 lbs/hr @ 0 psi. Coordinate installation requirements with humidifier manufacturer. Provide 36" clear downstream minimum. Trap per manufacturer's requirements route drain lines to nearest floor drain/sink"

97. Plan Sheet M6104, issuing M-SK-002 that adds the electric steam humidifier schedule.

98. Issuing revisedM1200A, ~~M1200B~~, M4102 and M4105.

99. Add Plan Sheet M2300.

100. Plan Sheets P2101 and P2102, provide a fail to closed position solenoid valve on the natural gas line serving each hood. Interlock with the hoods Ansul system.

101. Plan Sheet M1110C, controls contractor shall provide a flat panel display system (minimum screen size 42" widescreen format) showing the energy performance using data from the USC Energy Kiosk software. Locate the display on the wall between the Lobby (100) and the Men's Shower Room. Final location to be approved by the architect.

102. Sheet M7102, Detail 1, add motor operated damper and airflow monitoring station on the line back to the DOAS units for units AHU-101, -104 and -112 to provide a relief path.

103. Sheet P1220C, issuing P-SK-003. Additionally, provide 3" waste and 2" vent from new drains to lines shown in previous risers diagrams.

104. Sheet M1100D, provide a Diakin FXZQ12 approximately 2' west of KEF-03, provide a Diakin FXZQ12 in front of the Elevator EV05 control room. Connect to branch controllers associated with HP-01. Route condensate to nearest floor drain in the mechanical rooms. Provide with all appurtenances and features scheduled for other VRF/VRV air handling units.

105. Sheet M1100E, provide a Diakin FXZQ12 approximately 10' east of column AF in the corridor between the two mechanical rooms, provide a Diakin FXZQ12 in front of the Elevator EV06 control room. Connect to branch controllers associated with HP-01. . Provide with all appurtenances and

features scheduled for other VRF/VRV air handling units

106. Sheet P1200D, issuing sketches P-SK-004.

107. Sheet P1200E, issuing sketches P-SK-005.

108. Sheet M1200B, issuing sketches M-SK-003.

109. Sheet M4102, issuing sketches M-SK-004.

110. Sheet M4105, issuing sketches M-SK-005, M-SK-006 & M-SK-007.

111. Sheet TE0 Performance Hall Cover Sheet/03: Delete Symbol MCB (not used)

112. Sheet TE0 Performance Hall Cover Sheet/03: Update Symbol MCS to Motor Control Station, 20"x20"x8" for variable acoustic banners (Wall Mounted Device.) Coordinate into the Crestron Control system and devices specified, Re: AV 120VAC, single phase, 60 Hz, 10 amp, 2w+GRND, and 15 Amp, 1 Pole Breaker Disconnect by Electrical. Mount 48" AFF In control booth.

113. Sheet TE1 Performance Hall Theatrical Lighting Plan/03 Lighting Equipment Closet Detail: Delete unused relay cabinet. Relocate remaining relay cabinet to allow for space required by potential alternate suppliers.

114. Sheet TE1 Performance Hall Theatrical Lighting Plan/04 Control Room Detail: Relocate Motor Control Station to wall mounted location.

115. Sheet TE2 Performance Hall Theatrical Lighting Reflected Ceiling Plan: Variable Absorption Banners remove for clarity.

116. Sheet TE3 Performance Hall Variable Absorption Reflected Ceiling Pan and Detail: Add a pair of banners each side at rear.

117. Sheet TE3 Performance Hall Variable Absorption Reflected Ceiling Pan and Detail/Detail 02: Edit Variable Absorption Assemblies descriptions.

118. Sheet TE4 Performance Hall Variable Absorption Section: Add a pair of banners each side at the rear.

119. Sheet TE4 Performance Hall Variable Absorption Section/Detail 5: Add details for a pair of banners each side at the rear, numbers 13 and 14.

120. Sheet TE4 Performance Hall Variable Absorption Section/Detail 02-04: Revise details for pairs of banners to reflect changes required to individually control each side of the hanging pair.

121. Sheet TE6 Performance Hall Theatrical Lighting One Line Diagram: Replace (5) motor control switches with (6) low voltage contact closures. Revise rack size to accommodate equipment change. Clarify equipment descriptions.

122. Sheet TE7 Performance Hall Variable Absorption One Line Diagram: Revise one-line riser to reflect the change to individual control for each banner.

123.S1100D_BP3 Add note: "9. SEE S6130 FOR SITE DETAILS AND SECTIONS"

124.S1110A_BP3 Add note: "8. SEE S6130 FOR SITE DETAILS AND SECTIONS"

125.S1110A_BP3 Add note: "9. FIELD VERIFY BEAM LENGTH AT GRATING. SUPPORT PERIMETER WITH L5x5x3/8 HOT DIP GALVANIZED ANGLE ATTACHED TO WALL WITH 3/4" EPOXY ANCHORS AT 16" OC, 8" EMBED

126.S1120A_BP3 Add note: "9. INFILL VESTIBULE V201 WITH SLAB PER DETAIL 11/S4132"

127.S1120A_BP3 See Sketch S-SK-001

128.S1120B_BP3 Add note: "8. INFILL VESTIBULE V202 WITH SLAB PER DETAIL 11/S4132

129.S1120B_BP3 Add note: "9. INFILL BELOW STAIR WITH 1 1/2" TYPE B ROOF DECK SUPPORTED ON L4x4x1/4 CONTINUOUS ANGLES WELDED TO THE STRINGER WEBS"

130.S1120B_BP3 Revise dimension string at N-7 to read 2'-9 5/8", 6'-2 5/8", 2'-5 1/2", 6'-2 5/8"

131.S1120D_BP3 Reissued sheet

132.S1130A_BP3 Revise dimension string at N-4 to read 2'-9 5/8", 6'-2 5/8", 2'-5 1/2", 6'-2 5/8"

133.S1130A_BP3 Shift North/South braces to angle up to the North between grid N & P

134.S1130B_BP3 Add note: "8. FOR CLASSROOM 324 SEE RISER DETAIL 11/S4132"

135.S1130C_BP3 Add note: "8. FOR CLASSROOM 334 SEE RISER DETAIL 11/S4132"

136.S1130C_BP3 Revise dimension string at D-9 to read 6'-2 5/8", 2'-5 1/2", 6'-2 5/8", 2'-9 5/8"

137.S2130 Revise Detail number of "Typical Interior Column Footing Detail" from 02 to 11

138. S2130 Detail 12- add note to detail "WHERE FOOTINGS ARE ALREADY INSTALLED, DRILL AND EPOXY ANCHOR BOLTS, 12" EMBED. SEE S0102_bp3 FOR EPOXY OPTIONS"

139. S6130 Reissued sheet

140. T Series, all floor plan sheets: Refer to dimensioned A1800-Series plans for exact floor box positioning.

141. T001: Changes to “NOTES FOR BID PACKAGE 3”:

a. Heading is changed from “NOTES FOR BID PACKAGE 3” to “NOTES FOR BID PACKAGE 3 CONTRACTOR” (the word “CONTRACTOR” is added).

b. CONDUITS AND SLEEVES, NOTE 2: “ACCESSIBLE AREA” is defined as an area providing ready access in a common area, such as a corridor, through removable panels in raised flooring or suspended ceilings with access to conduit openings not obstructed by building components, such as pipes, ductwork and structural members. Areas in high ceiling

spaces, such as those in some lobbies, theaters, atria, etc., are not considered accessible. (Note: This definition is applicable to all sheets, wherever the term "accessible" is used.)

c. WALL AND CEILING BOXES, NOTE 2: Gang openings shall have a minimum depth of 2.5".

d. FLOOR BOXES, NOTE 1: Provide floor boxes as shown on plans. Floor box symbols on plans are to show quantities, capacities, and rough positioning.

e. FLOOR BOXES, NOTE 2: Append with "for locations where data is combined with power and/or AV service. For data-only locations, provide one gang opening, with a minimum depth of 2.5", for every six cables at outlet location."

f. FLOOR BOXES, NOTE 3: Refer to dimensioned A1800-Series plans for exact floor box positioning.

g. CABLE TRAYS, NOTE 5: Provide (4) 4" sleeves in each case.

142. Sheet AV0001

a. Add Note #13: Refer to A1800 Series Architectural Drawings for exact floor box locations.
b. Note #5 shall be changed: WALL BACKING TO BE PROVIDED BY BP3 GENERAL CONTRACTOR AT ALL WALL-MOUNTED DISPLAY AND EQUIPMENT RACK LOCATIONS AS REQUIRED TO SUPPORT AV DESIGN. REFER TO ARCHITECTURAL WALL BACKING DETAILS ON SHEET A7003. Backing for Flat Panel Displays and Wall-Mounted Equipment Racks required for AV systems shall not be included in the Electrical Contractor's contract.

143. Sheet AV0002 and AV0003

a. "Final Locations Note" shall be updated to include the following: Refer to A1800 series Architectural Drawings as default. DMSB / USC to review and approve locations, if necessary.
b. Electrical and Backbox Note shall be changed: BP3 GENERAL CONTRACTOR TO PROVIDE WALL BACKING AT ALL WALL-MOUNTED DISPLAYS PER SHEET A7003.
c. The schedule of terminations is updated to show a 4"x4"x4" panel for device ID "DG" which shall be mounted in the face of the Auditorium stair riser. See AV-SK-001. See Architectural Detail 1/A7017, attached.
d. Device location "AM" updated to be Steel City 68D (this is the T&P Catalog Part Number). See AV-SK-002

144. Sheet AV0301: Panel detail #8 for "DG" shall be removed as this device is now a standard wall box.

145. Sheet AV1110: Note added to this sheet: Audio Cable Pass-through between north wall of Control Room, at the floor, into the main seating area where the removable seats are.

146. Sheet AV2000

a. Note text obscured on this sheet should read "RENKUS HEINZ SG-42, INTEGRATE INTO STAGE LIP". See AV-SK-003. See Architectural Detail 5/A7404, Attached

b. Front fill, Renkus-Heinz SG-42 speakers have a back box that is 5-5/8" H x 16-7/8" W x 13-3/16"D. Conduit termination location shall be on the rear side of the speaker, below the stage.
c. Note added to this sheet: 4"x4"x4" Backbox (DG), mounted in face of stair riser for audience microphone input. See AV-SK-003.
d. Add General Note 2: Arrows point to future speaker / device locations. Refer to plan drawings for location of conduit terminations.

147. Sheet L1051, Detail 1, Level Five Irrigation Plan. Delete references to valve quantities as shown in the plan. The number of valves shall be based on the performance specifications in Section 32.95.00, Green Roof Assembly. The reference to 'battery-operated valves' shall apply to the four inner perimeter planting beds. The valves for the outer perimeter planting bed shall be wired to a exterior automatic controller with a cabinet, to be pedestal-mounted near the clerestory wall. The contractor shall provide a lockable covered receptacle (120 VAC) at this level as a power source for the irrigation controller. The contractor shall provide an irrigation design drawing submittal depicting all valves, lines, heads, controller and wiring, and accessories.

148. Sheet L1051, Detail 3, Pavilion Roof Irrigation Plan. Delete references to valve quantities as shown in the plan. The number of valves shall be based on the performance specifications in Section 32.95.00, Green Roof Assembly.

149. Sheet Pavilion Roof Irrigation Plan. Delete references to valve quantities as shown in the plan. The number of valves shall be based on the performance specifications in Section 32.95.00, Green Roof Assembly.

I. BIDDERS RFI'S:

1. There are Louvers tagged with L1 and L2 on sheet A4610 but the cross sections show that the whole area is Louvers. Could you please verify?

   Response: Louvers on A4610 are a 2 stage system with front and rear blades. L1 and L2 differ in that L1 is a horizontal rear blade and L2 is a vertical rear blade. Both systems use a horizontal front blade. See referenced details.

2. When I look at the floor plans all the Operable partition stacks appear to be center stacked paired panels. can you tell us where the differences are?

   Response: They are all center-stacking, per the drawings. There is a steel beam provided above for support, in the structural drawings. Sound isolation performance criteria is important.

3. I can not find any Operable partitions on the second floor , I found 2 runs on the 1st fl. Rm #104 &105, #128 & 129, I runs on the3rd floor #331 &330 exc lounge.

   Response: There are no operable partitions on Level 2. There are 5 total operable partitions: 3 on Level 1 (127-129) and (104-105) and 2 on Level 3 (365-366) and (330-331).

4. The second floor shows the glass wall around the center of the building. The specs call for one piece construction, which will be super expensive when compared to segmented construction. Would you consider segmented construction has an alternate to one piece construction?

   Response: Refer to revision to specification section 08 41 00 under Part B of this addendum. Specification has been revised to reflect segmented construction as shown in the contract details.

5. Ref AMD 1 Drwg A-SK-007; regarding the transformer vault, note 1 states "Refer to Structural Drawings for Structural Information", however no info is shown on the structural plans, can details be provided?

   Response: See S6130, attached

6. Metal Panel Specifications list the finish as 3-Coat Fluoro custom Metallic. Please confirm that all panel types are to be painted the same color, i.e. only 1 custom color is required. If multiple colors are required please specify the number to include.

   Response: : Each metal panel type is assigned a custom color(s):

MP-1	1 custom color, Color "A"
MP-2	1 custom color, Color "B"
MP-3	2 custom colors, Color "C, D"
MP-4	N/A - Natural Copper
MP-5	1 custom color, Color "E"
MP-6	2 custom colors, Color "C, D"
MP-7	1 custom color, Color "F"
MP-8	1 custom color, Color "G"
MP-9	1 custom color, Color "H"
MP-10	3 custom colors, Colors J, K, L
MP-11	1 custom color, Color "M"
MP-12	2 custom colors, Color "C, D"

7. Section 22 11 16-14, reference 3.13 G & I: Is this spec correct? We have never used ductile iron piping in this application before; only in underground applications.

   Response: Addressed in Addendum #3 under Specifications

8. Is the 2nd floor total exterior system to be provided by the aluminum manufacturers? I have noticed that the vertical are to be a custom SSG mullion, however certain details have noted this is a steel mullion while others have noted it as aluminum. The head & sill appear to be a standard mullion with face cap and pressure plate. Do you have a particular manufacturer in mind that has this vertical system? I'm not sure yet as to how we will be able to incorporate another system's verticals within ours if it is to be as such. I will have our product tech department review this.

   Response: The level 2 vertical is a custom extrusion as noted above. The intent is to combine this with a standard captured million at the horizontals via shear block.

9. In regard to the door schedule. Most of the doors that will go into the aluminum curtain wall systems have been called out as hollow metal, however on the door legend they are noted as aluminum. The only doors I found called out in the schedule as aluminum are the interior doors

by the interior storefront manufactures. This is also a concern on the first floor corridor exits where they aluminum curtain wall has fire rated hollow metal doors.

Response: The door schedule has been revised, see Drawing Revision section of this addendum. Doors on levels 1 thru 4 within the glazed systems are extruded aluminum. There are HM doors on level 0 & 1 that are not associated with the glazed systems, refer to revised door schedule.

10. Section 102219, Toilet Stalls; The level One shower rooms 102 and 143 are detailed on A5101. Elevation 07 on A5101 shows the shower doors. Are these doors to be provided under section 102119?

    Response: Yes. Add to Toilet Accessories on Sheet A8400:
    Frame less all All glass Shower Door
    Manufacturer: Kohler
    Model: K-705717 " Purist " Series pivot door or equal
    Color/Finish: Tempered Clear Glass
    Dimensions: 72 H x 59-3/4W and 31-1/4 inch door opening. Or as indicated
    Accessories: Stainless steel hardware kit and handle
    Location: as indicated on the Drawings

11. Section 104400, Fire Protection Specialties; We only saw fire extinguishers noted in the Life Safety drawings (AO700-AO750). However I don't think there are enough locations shown. For example the entire second level only has two "FE" locations notes. Are the quantities shown on the Life Safety drawings correct?

    Response: The locations are correctly shown on the A0700 series, except for level 2. Level 2, Sheet A720: Add 2 FE locations in corridor outside of NE and SW restroom (4 total on floor). Refer also to Electrical Drawings and Food Service Drawings for Fire Extinguishers req'd inside those respective spaces.

12. Hose valve cabinets are specified in paragraph 2.4. I do not see hose cabinets noted on the Life Safety drawings. Are hose cabinets required?

    Response: Hose cabinets are located on the intermediate landings of 4 egress stairs (see A4200 series plans). Final determination and layout of hose cabinets are part of the fire protection system design.

13. Section 104410, Toilet Accessories; The mirrors scheduled on A8400 are not consistent. It appears that the TA24 is a framed 24"X 36" mirror that goes into the HC stalls in each typical gang bathroom and the TA25 mirror is a glazing mirror to be supplied in 089119. Would that be a correct assessment?

    Response: TA-24 and TA-25 refer to the same 24"x36" ADA compliant mirror that is located in the accessible stalls which have their own sinks. Other mirrors shown (above main Restroom Counter/Sinks and in Locker Room) are specified in 08 91 19. A8400, Toilet Accessories section, to be revised accordingly.

14. We saw no TA21 baby changing tables noted. Are any required?

    Response: Locate (1) TA-21 in Mother's Room #485 on level 4

15. Please see enlarged detail of detail 2/A4622.08. The enlarged elevations call out for MP3 at this location... This detail can not be achieved with this panel- it can however be achieved with MP1. Please confirm that ACM (MP1) will be acceptable at this location.

    Response: Refer to Addendum #1. This was clarified as metal plate as opposed to ACM.

16. Are there areas which are considered to be exposed, requiring medium-density fireproofing? Drawing A0125 refers only to low-density fireproofing and intumescent fireproofing.

    Response: Medium density fireproofing is not required.

17. In areas to receive Floor/Ceiling assembly D503 as shown on sheet A1200D and similar pages, are the beams required to recieve spray fireproofing?

    Response: Yes

18. D746 has been detailed for the 2 hr floor at Level 1. Would UL Design D902 be an acceptable design, since there is 3-1/4" of lightweight concrete above the deck, or is there another purpose for spray fireproofing to the floor deck?

    Response: Yes, UL D746 or D902 can be used at this location for a 2-hr rated floor.

19. Sheet S0101 designates a Seismic Design Category of "C". However there are multiple details on Sheet A7101 that show a ceiling design with Compression posts/studs which are not required for a Seismic "C" category, they are typically seen in a Seismic "D"category. Will these compression posts be necessary? If so, does this need to be a Seismic "D" project?

    Response: Sheet A7101 has been revised to reflect Seismic Design Category 'C' ceiling details. Compression posts/studs has been removed. Provide ceiling details to comply with the seismic design category 'C' requirements.

20. Specification 096400 states that "Heavy Duty" ceiling grid be used in this project. However, in a Seismic "C" rated project, intermediate duty is all that is required. Which grid will be required?

    Response: Specification section 09 64 00 has been revised to remove "Heavy Duty" ceiling grid requirement. Provide grid that complies with Seismic Design Category 'C'.

21. Specification 096400 states that for ACT-1 & ACT-3 a "Suprafine" 9/16" grid system should be used. However it also states that this should be a bolt slot system. The 9/16"system is not a bolt slot type of grid. Which type of grid will be required for this project; standard 9/16" (Suprafine) or bolt slot? If bolt slot if required, can you please provide a basis of design?

    Response: Comment : 2.5 B - delete 3 and revise to "product as scheduled"

22. The Reflected Ceiling Plans for the 4th floor show a skylight in all of the corridors; however the finish schedule designates ACT-1 in the corridors. Which finish will be necessary to complete this project?

Response: Adjacent to all skylights is a painted GWB soffit (not ACT-1). See A6400 for elevations of this soffit and sections ie A4901.1.

23. On Sheet A1210-A in Corridor H106 there is a 2' transition between acoustical ceilings. Can you please provide a cut of this transition? This condition occurs in multiple locations in the corridors. The above mentioned is just an example.

    Response: See 1/A5143

24. What is the "New Coating" Material that is referenced to be installed on the coliseum exterior wall?

    Response: Please clarify question and reference drawing where this is found. There is no work on the Coliseum exterior wall that is defined on this project.

25. The concrete curb shown in section 4/A4623.1 indicates wood blocking at the top of the curb. However, the details referenced 01/A4913 and 01/A4621.8 do not indicate wood blocking, please advise.

    Response: Wood blocking is not req'd at the tops of the referenced curbs.

26. Specification Section 033200 Cementitious Surfacing – From the notes on the drawings it appears that all the shotcrete is under the previous Bid Package BP1C. Is there any shotcrete in BP3 and if so where is it?

    Response: There is no shotcrete requirement on Bid Package 3.

27. Specification Section 055100 Metal Stairs – From the notes on the drawings it appears that the concrete filled metal pan stairs are a part of the previous Bid Package BP2. Are there any metal pan stairs in BP3 and if so where are they located?

    Response: Metal pan stairs that are part of Exit passage way from ST03 on Level 0.5 are part of BP3.

28. Specification Section 055813 Metal Column Covers – From the notes on the drawings it appears that the column covers are either GFRG or GFRC. We cannot find any metal column covers. Are there any metal column covers and if so where are they located?

    Response: There are two metal column covers in the Level 2 café.

29. Regarding Acoustic Ceilings; On the Second Floor at the perimeter there is a cut; Sheet A 7104, Details 2 & 3 show a galvanized steel sheet and an aluminum fascia panel at the perimeter of the floor. Can you provide a basis of design for these products.

    Response: These panels shall be custom formed shop painted aluminum sheet. Disregard galvanizing.

30. Clarifications are needed on liquidated damages as referenced in section 011000-4. Are the figures cumulative as in $255,000 + $305,000 + $355,000 or is it $255,000 + $50,000 +$50,000?

Response: LD's are not cumulative. It goes up to each figure if the time progresses to that point – the figures are not additive.

31. Please clarify alternate 3 as it relates to manufacturers in specification 074212.23 on page 5. Are Alcoa, Alpolic & or equal to be considered base bid & Alternate 3 is to substitute Trespa?

    Response: This is correct but limited to Level 4 cladding. Refer to Alternate #3 drawing A9200.

32. Is the construction manager responsible for his own temporary facilities ie; onsite office & all associated utilities?

    Response: Yes.

33. Please clarify spec section 321500 site pavers. Are there specific manufacturers that should be used for this spec section?

    Response: 321500 site pavers are used only at very limited locations where pavers occur over small mortar beds where shown in the architectural details (the majority of pavers exist on a pedestal system and are covered under 321400 Unit Pavers). For acceptable manufacturers of 321500, use the same paver / manufacturer listed in 321400.

34. Why is bid package 2 addenda posted to bid package 3 FTP site?

    Response: The full package was requested for info and is being made available to all. It is not an addendum – just provided for info only.

35. The "curved" window system at the second floor appears to be a true radius curve rather than a segmented system. Please confirm whether or not a segmented system is acceptable in lieu of a true curved system.

    Response: See response to item #4 above.

36. Specification section 074120 metal wall panels lists MP-10 as a Centria formawall dimension 2 series at 8MM thick. These panels are either 2" or 3" thick & 8MM is not an option. They are also available in multiple profiles. Please clarify the thickness of the panel as well as whether this panel is a flat panel or a profile panel.

    Response: Basis of Design for MP-10 was clarified as 6mm Centria Formabond, (ACM) in Addendum #2.

37. Clarify the following note on sheet A0303, N.I.S. tunnel renovation & addition of elevator on the law school side of the tunnel. Is this work to be part of this bid package?

    Response: No.

38. Who is responsible for the generator main fuel tank?

Response: The tank and fuel lines are indicated on P1100D and is the responsibility of the BP3 Plumbing Contractor. The plumbing contractor needs to refer also to specification 23 11 13 and any associated addenda items.

39. Drawing A0303 Who is responsible for the grease interceptor & water meters?

    Response: The grease interceptor and the 8" water meters/vaults are a part of BP1C. BP3 contractor shall be responsible for the landscape irrigation service, meter and backflow preventor per sheet C1600_bp3 Utilities Plan.

40. Sheet A0331, Please provide additional details for the construction of the transformer vault ie; footing sizes, rebar size & spacing for both footings & concrete walls.

    Response: See S6130, attached

41. Multiple details on sheet A4111 reference shotcrete finish. Is this work a part of bid package 2 or 3?

    Response: BP-1C Civil.

42. Section 1 on sheet A4123 depicts a curb poured on top of the elevated slab. Is this curb part of BP 2 or BP 3? This curb shows in many more details. If the curb is BP 3 we need details.

    Response: Concrete curbs are included in Bid Package 2 scope.

43. Who is responsible for safety cabling at the upper levels once the steel structure erection begins?

    Response: BP-2 during the scope of their work. After they complete, BP-3 would be responsible for their own safety measures as required.

44. Sheet A4124 references shotcrete. Is this BP 2 or BP 3?

    Response: BP-1C Civil. There is no shotcrete scope of work in BP3.

45. Where are the details shown for exterior hollow metal frames? Door schedule does not give any information.

    Response: See sketch A-SK-92 in the Drawings section of this Addendum (Qinwen has) for clarification of typical Level 1 HM door/frame details and cladding.

46. If hinges are shown as "as required" in hardware set, should standard weight butt hinges be assumed?

    Response: Part 2 of the specification will designate the correct hinge size and weight based on door size and thickness. Standard weight hinges should not be assumed.

47. Frames and doors for roll-up doors as designated as HM. This looks like error.

Response: The door schedule has been revised, see Drawing Revision section of this addendum. Exterior roll up doors and frames should be provided as detailed and as defined in the project specifications, section 08 33 23.

48. Doors/frames for doors type 12 and 15 are designated as HM. This looks like error as they appear to be access panels and no frame details are given.

    Response: Type 15 is an access panel and must be fire-rated where indicated on drawings. Type12 is roll up door and is revised in A-SK-077.

49. Will demountable partition supplier furnish their own frames AND doors?

    Response: Yes, DM partition mfr's are to furnish their own doors and frames that fit their systems. Note that some of the hardware (ie locking hardware) is to be provide along with the overall hardware package for the balance of the doors, per the hardware sets.

50. "Concealed" frames are shown as HM, yet head/jamb detail do not show what the framing is.

    Response: Concealed frames only occurs at 4 doors leading to Performance Hall stage. Intent is to maintain a flush appearance with wood wall paneling. Follow head / jamb detail and provide metal blocking for hinges where req'd.

51. Hardware spec calls for permanent cores to be "furnished by owner". Yet hdw sets call out Best cores for pricing.

    Response: We see no mention in Part 1 or 2 of the specification that notes permanent cores are to be "furnished by owner". Section 2.5-F notes "replace construction cores with permanent cores. Furnish permanent cores for installation as directed at the "keying conference"." The sets correctly note that a Best 7 Pin core is to be priced and provided.

52. Will enlarged plans and elevations be made available for the following rooms to assist the demountable wall subs in pricing? 301A, 301B, 301C, 301D, 301E, 474,475, 476, 477, 478, 485, 486 & 487, 479, 480, 481, 482, 483 & 484, 438, 439, 440, 441, 442, 443, 444 & 445

    Response: Additional enlarged drawings will not be provided at this time. Follow Floor, Ceiling, Finish Plan series and Finish Schedule for pricing.

53. Elevator #4 is specified as a Otis Gen2 without a controller closet. Thyssen Krupp does not have a product to fit this design and would need a controller closet similar to the other traction elevators that are specified. Is this possible?

    Response: A controller closet to accommodate a Thyssen Krupp has been added on level 0 – see attached sketch A-SK-036.

54. 142100-10, 2.9.A.1.k-i: states cab height to be 8' however drawing A4300 detail 01 states 9'6" cab height. Please clarify what is required.

    Response: EV02 has a 9'-6" high cab floor to ceiling high. All other elevator cabs are 8'-0" high floor to ceiling high, as listed on sheet A4301. A4300 was noted incorrrectly.

55. 142100-12, 2.9.D.1.g: states capacity to be 3000# and drawing A4330 detail 09 states 2100# capacity. Please clarify what is required.

    Response: EV05 and EV06 are 2100# Capacity.

56. The electrical drawings do not show locations for the shaft lights in all of the elevator shafts. Please clarify.

    Response: Shaft lights have been added to all elevators shafts – Refer to Drawing Revision Section.

57. On plan page A5200/01 the restroom drawing shows an accessory TA-22. What is it?

    Response: This is a reference tag error. Ignore it.

58. On plan page A1100C, what does the symbol "CP" near the bottom of the auditorium stairs stand for?

    Response: 'Curved Partition', see Wall Tag Legend, A8101

59. On plan page A7901.1/08 the caption says "GFRG" but the detail says "5/8" Gyp Bd." Which is correct?

    Response: "5/8" Gyp Bd." is correct for all interior square column cover finishes on sheet A7901.1. GFRG is correct for all round interior column cover finishes on sheet A7901.1.

60. Plan page A4402 references A4895 for handrail details. I can't find A4895.

    Response: This is a reference error. The correct reference is sheet A4521

61. Plan page A7401/B7 shows a crash rail and states it is located at level 0. I can't find it's location on the plans. Where is it located?

    Response: H002, H003, H004

62. Because of the complexity of the project, can we bid the base bid at 3:00 and the alternates at 4:00?

    Response: No, the Bid submission time is to remain as stated in the Bid Documents.

63. In Addendum #2, page 9, item 6, it states that MP12 is removed from schedule. If so, please clarify what type of panel the MP12 shown on A4621.2 is, same question for MP 11 shown on 4633.1.

    Response: MP11 and MP12 shall be shop formed painted aluminum panel per 07 41 20.

64. In Addendum #2, page 10, item 14, it clarified that Transformer Vault is by BP3, how about the Fire water tank, Fuel Tank, and Rainwater storage Tank shown on S1100D_BP3?

    Response: The Transformer Vault, Fire water tank, Fuel Tank, and Rainwater Storage Tank are in BP3. References include, but are not limited to the following: For Fire Water Tank (BP3) see

06/FP4001. For Rainwater storage Tank (BP3) see coded storm drainage notes No.16 /C1500_bp3, and Spec section 22 48 00. For Fuel Tank (BP3) see spec section 23 11 13 2.7C, and P1100D dwg.

65. It appears that the construction schedule of this project is challenging, and it is our understanding that there will be some overlap between BP2 & BP3 contractors. However, it is not very clear what status and job condition the project will be when BP3 contractor starts. Please advise the anticipated project commencement date for BP3 contractor , and please identify the working areas that will be available for BP3 contractor on project commencement date. Could a copy of current BP2 construction schedule be provided for reference? And when is the anticipated substantial and final completion dates for BP2 contractor?

    Response: The State Engineer will not allow distribution of BP-2 Contractor's schedule. They have agreed to allow distribution of a "general phase schedule" to illustrate the overlap and coordination between the phases. Note that the timelines for BP-2 and BP-3 are working out nicely. As things stand, BP-3 will be right in time for the necessary rough-ins. Refer to the attached schedule info included in addendum 3. You are more than welcome to ride by the site as we approach bid day of course.

66. Per drawing A4301, elevator summary schedule lists both Hydraulic Type elevator (by Cemcolift) and Traction type elevator (by Otis), but this elevator is not listed on either spec section 142100 or 142400, please verify the elevator type and provide other acceptable manufacturers.

    Response: This comment refers to Site elevator, EV09. EV09 is a Traction elevator. Basis of design was a Gen2 traction elevator by otis. At one point in the design process a hydraulic elevator was evaluated. Otis recommended a Traction elevator. Hydraulic should be removed from bid documents.
    Acceptable equals:

ThyssenKrupp	Synergy 85S	2500# capacity 150fpm
Kone	Ecospace	2500# capacity 150fpm

67. Schindler Elevator is listed on Elevator Schedule on A4301 for Elevator EV 1, 2, 4, 7, 8 but not listed in Spec. Is Schindler approved for this project?

    Response: Yes, Schindler is on the list of acceptable manufacturers for traction elevators. Schindler equal model number is listed on A4301

68. Schumacher is listed for EV3, is he approved for this project?

    Response: Yes, Freight class A hydraulic 6000 lb capacity Schumacher hydraulic elevator, similar to the basis of design elevator EV03, are equal to Cemcolift.

69. SAF has been specified as the basis of design for the M-1000 column covers. I have located interior column covers at the 2nd floor Café-Servery. The details for the stainless steel covers at 07/A7901.2 and 08/A7901.2 are for covers with a 4" reveal at the bottom. The two colums with this detail information are located at column lines C/06 and C/07 on pages 01/A5210, 01/A511 and 01/A5212. My question is what are the two columns outside the servery at column lines C/05 and C/08? On page 01/A5211, the elevation shows no bottom reveals, so are these stainless steel or GRFG?

Response: Column covers at C/6 and C/7 are stainless steel (the only SS column covers in the project). Column covers at C5 and C/8 are GFRG

70. Due to the complexity of this project, it is very difficult to bid it without a schedule. We are requesting that you provide us with schedule that contains information for all of the bid packages.

    Response: Refer to attached generic schedule and other responses to this item in this addendum.

71. Re: 01 10 00 - Summary - Page 2; paragraph 3b - This paragraph states that the BP-3 contractor will have access to all levels approximately 80 days after award for the installation of rough-ins. Will levels 0-2 be ready prior to that time so rough-ins can begin at those levels?

    Response: Yes. This timeframe is an approximation and it is anticipated that areas will be ready for rough-in activities to begin prior to this time. Refer to Informational Schedule provided as part of addendum 3.

72. Re: 01 10 00 - Summary - Page 4; paragraph 1.4C
    A. Are the phase 1 liquidated damages to be pro-rated per day?
    B. Please define "actual costs to be determined" so we may assess the risks involved with being more than 90 days late.

    Response: A. No. Should the facility (Phase 1) not be completed by the approved contractual substantial completion date (Phase 1), the Owner would be forced to house classroom functions in an alternate location and there are significant costs associated with putting the necessary measures into place. Beyond the initial costs for creating this space, the added costs for greater than thirty days late relate to monthly operating expenses.
    B. These costs would essentially be the progression of monthly operating expenses as described above. Note that the State will require any assessed damages to be based on actual and substantiated expenses and not "a penalty".

73. Will a material hoist be provided by others?

    Response: No

74. Re: Section 044350 Architectural Cast Concrete - 2.1 Manufacturers. Please provide contact information for Reider.

    Response: Delete 'Reider' from Specifications.

75. Interior Elevation 03/A500 shows a door leading into the elevator machine room. This door is not shown on the floor plan. Please confirm that a door is not required, and the floor plan is correct as shown.

    Response: Door has been removed from plans. Door is not required.

76. The enlarged floor plan of room 102 appears to contain a keynote of CT-1 for the floor tile, however, the finish plan and schedule list FT-1. Please clarify.

    Response: The floor tile is FT-1.

77. The detailed floor plan sheet A1110A and A1110B calls for an enlarged floor plan of roos 132 and 139 as similar to 1/A5100, however, the floor plan for this room is significantly different from the typical floor plan on sheet A5100. Please clarify which walls are to received ceramic tile.

    Response: Similar to 1/A5100, the East and West walls are to receive ceramic tile.

78. If we delete MP12 per addendum #2, what type of panel do we use on the roof of Level 2 projected out areas as shown in Section 1/A4621.2?

    Response: Provide factory formed painted aluminum panels per 07 41 20, par. 2.5.

79. Please provide interior elevations for toilets 202, 203, 238 and 239. There are no elevation notes on the enlarged floor plans and the finish schedule lists wall tile within these restrooms.

    Response: Refer to Elevations on A5200 for typical wall finishes for level 2 toilets.

80. Who is the BP-1c contractor?

    Response: Taylor Brothers.

81. Re: Door Schedule Sheet A8202 - Most of the exterior doors listed on level 2 (ex. V201A, H203E) are listed as hollow metal doors in hollow metal frames, however, they are within the window wall system. Please confirm that these are not exterior storefront doors.

    Response: The door schedule has been revised, see Drawing Revision section of this addendum. Doors on levels 1 thru 4 within the glazed systems are extruded aluminum. There are HM doors on level 0 & 1 that are not associated with the glazed systems, refer to revised door schedule.

82. Re: A4850 - Are the flagpole assemblies a specialty item or miscellaneous steel? If they are a specialty, please provide manufacturer. If it is miscellaneous steel, please provide additional design.

    Response: Steel supports are covered by miscellaneous steel – See attached detail A-SK-076. Flagpole is aluminum. Add the following to 05 50 00:

    2.7-F

    A. Flagpole supports: Coordinate support fabrications with selected flagpole.
        a. Dwyer Aluminum mast company or equal (Series DM-20 mast) clear anodized finish to match control samples
        b. Hardware: Custom flag clips and mounting hardware as indicated
        c. Flags: As selected by Architect and provided by Owner
        d. Quantity: as indicated

83. Please provide contact info for BP2 contractor.

    Response: Loveless Construction.

84. a) Drawing A-1320D Room 241 Servery indicates access floor with FT-2 finish, yet finish schedule indicates RF-1-A finished panels.
b) Drawing A-1320D Room 241D shows access floor with FT-2 finish, yet finish schedule does not indicate access floor.
c) Drawing A-1320D Area 241A Cafe seating indicates RF-1-A access floor, yet room finish schedule indicates no access floor type and FT-2 finish.
d) Drawing A-1320C Corridor H204 indicates RF-1-A finish, yet schedule indicates RF-2-A.
e) 10 28 13 specs 2.3.B indicates factory applied carpet, yet A8400 RF2A and RF2B indicate "bare tile" for carpet finish. Will this be a field applied carpet tile finish under the floor covering scope?

f) Is the RF1A and RF1B a factory applied stone finish?

Response:

a. Everywhere FT-2 is indicated on A1320, it is FT-2 over a BP2 topping slab, not an access floor.

b. see 'a'

c. see 'a'

d. RF-1-A

e. Field applied per addendum 2

f.Yes

85. a) A7403 Detail 1 - Is the trough by the mechanical contractor and yet the support by the access floor contractor? b) Is the underfloor air highway part of the access floor scope?

Response:

a. A General Note is added to the Addendum stating: "Underfloor air distribution troughs are by the mechanical contractor & should be supported by the mechanical contractor."

b. The air super highway is indicated on M1121 series plans and create the duct system and are therefore part of the HVAC contractors responsibility. A General Note is added to the Addendum stating: "Air super highway indicated on the M1121 series plans is the responsibility of the mechanical contractor. All other trades are responsible for properly sealing any and all penetrations made by that trade."

86. We are requesting that the bid date be extended to July 10, 2012.

Response: As discussed with the Project Construction Manager, bid date will remain June 28, 2012 at 2:00 PM EST.

87. Sheet A4626.6 shows a "painted metal soffit" underneath the bridges that connect the pavilion's rooftop terrace to level 4. What is the the specification for this material?

Response: Provide 6mm ACM panels per specification section 07 41 20.

88. Section 072100 - Paragraph 2.3.H specifies spray polyurethane foam insulation. Where is this product used on the drawings?

Response: Disregard this item, there is no SPUF insulation on the project.

89. The reflected ceiling plan calls for drywall in H204, however the finish schedule calls for ACT-1. Please clarify.

    Response: Follow the RCP (use GWB).

90. The reflected ceiling plan calls for ACT in Rooms 301N and 307A (sheet 1230A), however, the finish schedule call for drywall ceiling with paint. Please clarify.

    Response: Follow the RCP (use ACT).

91. Will the emergency call boxes shown on A0362 be furnished and installed by Owner?

    Response: Yes, see attached A-SK-061 for clarification.

92. The reflected ceiling plans calls for ACT in 319A and drywall in H304, however, the finish schedule calls for drywall ceiling with paint in 319A and ACT-1 in H304. Please clarify which is correct.

    Response: Follow the RCP

93. The reflected ceiling plan calls for ACT in room 339A and drywall in H306, however the finish schedule calls for drywall ceiling with paint in 339A and ACT-1 in H306. Please clarify.

    Response: Follow the RCP

94. The reflected ceiling plans call for drywall in H307, however, the finish schedule calls for ACT-1. Please clarify.

    Response: Follow the RCP (use GWB).

95. Re: A0331 - Does the transformer vault need to be waterproofed?

    Response: The transformer vault is to receive an underslab vapor barrier as shown on the drawings. There is no requirement for waterproofing the walls.

96. Re: 07 12 00 - Paragraph 1.2.A states that scope of work includes waterproofing at water detention tank. Which tank does this refer to? Please provide details.

    Response: Rainwater storage tank

97. The reflected ceiling plans call for ACT in Room 418, however, the finish schedule call for drywall ceiling with paint. Please clarify.

    Response: Follow the RCP

98. Please provide a cut section thru the typical skylights and exterior soffits between column lines 3 and 4. It would appear that this area requires acrylic plaster on the soffit, however, there is no section showing this area on the drawings.

    Response: Refer to drawings A 4423 and A4431.

99. The three approved GFRC manufacturers listed in the specs do not make the veneer panels shown on the drawings. Please provide alternate manufactures for the GFRC veneer panels so that we can collect pricing for this scope prior to bid day.

    Response: All GRFC substitution requests that were received by deadline were approved – see Specification Revision Section.

100. Where do we find the typical ceiling height for interior ceilings? I'm assuming that there is a standard and if an area is different the ceiling height is noted. There are numerous rooms with no ceiling height noted.

    Response: Use the Reflected Ceiling Plans for Ceiling Heights. If a room does not have a height listed, it is to match the adjacent height for this area.

101. Metal panel specifications call for MP-4 to be aluminum composite material, however, the plans call for MP-4 at the pavilion to be standing seam copper. Please clarify whether the materials at the pavilion are to be composite material with a painted copper finish or the standing seam copper shown on the plans.

    Response: Provide standing seam copper as indicated on the drawings and as specified in section 07 61 00.

102. Will the existing construction fence be left in place for the duration of the project? Does the BP3 contractor have any responsibilities for this fence? Maintenance? Removal? Etc.

    Response: Refer to specification section 01 50 00 Temporary Facilities and Controls. See paragraphs 2.1.B and 3.4.D in particular, and the balance of the section for general fencing and barricade requirements and provisions. Note also the fence height and screening revisions included within addendum 3.

103. Finish Legend A8400 lists TA21 Baby Changing Stations. Where are these located?

    Response: See response to RFI 14

104. Detail 2/A4154 calls for a cement precast soffit. Is this material GFRC or some other material? Please clarify this product and provide a specification if it is not already in the project manual.

    Response: Provide acrylic cement plaster soffit as specified in Section 09 29 00.

105. The acoustic material shown in detail 2/A4430 is not called out on the drawings. Please let me know what this material is. This detail is for the finished product on the underside of the steel stairs. It appears to be some type of ACT system.

    Response: Provide gypsum board ceiling in this area, see drawings section of this Addendum for clarification.

106. On the "P" drawings' the irrigation piping shown on 4th floor goes up to the next level, but there is no continuation on the plumbing drawings. Is this piping on level 5 by another contractor other than the plumbing contractor:

RESPONSE: The landscape irrigation contractor is to provide all piping and appurtenances downstream of that point.

107. Can you please verify per detail 01 on M4105, where this detail is "applicable" on the drawings? Nowhere on the drawings does it show us where to "gang" the Chill Beams together?

RESPONSE: Detail 1 is to schematically show how zoned chilled beams are to be piped. Reverse return loops are shown on the plans where more than two beams are provided for a zone. Piping to individual beams is not shown for clarity reasons. Valves and other appurtenances shown on this diagram shall be provided for single and double beam zones as well.

108. On drawing M5101, M5102, M5104 it shows us what sizes the branch lines are for each floor. These sizes do not match what is on the plan view drawings. Please clarify which is correct.

RESPONSE: Size piping on floors as indicated on the floor plan sheets.

109. Are the dual duct and single duct VAV boxes considered air handling devices?

RESPONSE: VAV terminals (single and dual duct) shall be considered air handling devices and lined duct work shall be provided downstream as noted in the plans and specs.

110. Are lighting control panels to be integrated into the BAS?

RESPONSE: Controls contractor shall provide programing, equipment and materials to connect, monitor and schedule lighting control panels in no less than 4 locations spread throughout the building.

111. There are 2 rainwater harvesting sections (22 and 33), Which applies?

RESPONSE: The controls contractor shall monitor all flow meters and tank level sensors for the portions of the Rainwater capture system specified in Division 33 in addition to interfacing with the grey water systems provided under Specification 22 48 00.

112. We need to add dewpoint sensing in multiple locations on each floor for. I'm thinking 4 per floor.

RESPONSE: Controls contractor shall provide standalone dewpoint sensors as follows: On Level 4 locate one near each of the courtyard stairs, one in PHD Workspace (456) and one in PHD Workspace (405). On Level 3 locate one near each of the courtyard stairs, one in OPB Open Office (348) and one in Graduate Div. Open Work (319). On Level 1 provide sensors in Lobby (100), Corridors (H102, H106 and H107).

113. I need some clarification as to what if anything we need to provide on the DOAS units. Controls are specified to be provided by equipment manufacturer but I dont want to have any gaps.

RESPONSE: Controls contractor shall provide setpoints and operating mode to the DOAS unit along with duct pressure readings necessary to the DOAS unit to modulate fan speeds. Controls contractor shall monitor all available data points available from the DOAS unit for metering purposes.

114. Need to confirm that main loop valve is not to pressure independent.

    RESPONSE: Controls contractor does not have to provide a PICV on the chilled water return line to the campus chilled water system.

115. In spec for PICV control valves it calls for ports for reading pressure but no one does this anymore. Can we delete from spec.?

    RESPONSE: PICVs do not have to have pressure ports.

116. Control Provide 8 temperature and CO2 sensors for control of underfloor air distribution devices on M1121D.

    RESPONSE: Locations to be coordinated in show drawings.

117. No humidifiers are schedule and we have one on one of the FCUs.

    RESPONSE: Humidifier schedule is included in this addendum. No FCU's have humidifiers. There is one humidifier provided for AHU-105. Provide BACnet interface and monitor all points and alarms available.

118. Need to modify spec to confirm that PICV valve are not required for chilled beam and that it is OK to use standard control valves.

    RESPONSE: PICV's do not have to be provided for chilled beams. Provide with autoflow control valves (Griswold or equal).

119. Need clarification on which FCUs and BCUs get CO2 sensors. Point list suggests all get CO2 sensors.

    REPSONSE: CO2 sensors for FCUs or BCUs shall only be provided is a sensor is called for on the floor plan sheet or schedule.

120. Drawing M1200A shows 8" steam & 4" Cond. Return. Pipes just stop after note that states provide w/ sleeve. Does this mean someone else brings Steam/Cond. to this point?

    REPSONSE: Additional drawings and sketches are included in this addendum to address this.

121. Drawing M1210A (columns R-4) shows 1-1/2 condensate line down to level 0, however it doesn't appear on level 0. What (and where) does the condensate line attach to? (This happens multiple times from level 1 to level 0.

    REPSONSE: Sheets M1210A to M1210D, condensate drain risers from Level 1 shall be routed down to Level 0 to the nearest floor sink in the mechanical.

122. Drawings M1221A to 1221D shows a 4" HWS&R loop under floor, however nothing appears to be attached (no runouts) to this loop. What is attached and is there a detail?

    RESPONSE: Provide runouts, shutoff valves, autoflow balancing valves and unions to each trough

diffuser. Size runouts as noted on plans.

123. Will someone else bring the CHW into mechanical room, or where do we tie in?

RESPONSE: Mechanical contractor shall be responsible for piping up to 5' outside of the building.

124. Drawing P-1200 shows several floor drains (7-B &7-C) that do not have proper venting to meet code requirements. Please clarify as to how venting is to be routed to meet code requirements.

RESPONSE: Sketches are provided in this addendum adding vent lines.

125. Exterior doors E6, E7 and E8 - No frame type, header or jamb detail is provided for these exterior doors on Sheet A8212 or the Door Schedules. Please provide this information.

Response: Jamb & head details refer to BP3 drawing A4610.6-8

126. Exterior doors E2, E3, E4, E5, E9, E10, E11 - Sheet A8212 describes these doors with Aluminum railing, however, these doors are listed as HM (Hollow Metal) in HM (Hollow Metal) frames on the Door Schedules.

Response: All doors listed are exterior alum. doors. See revised door schedule A-SK-077

127. Please confirm that these are Aluminum Doors in Aluminum Frames.

Response: Yes

128. Door Opening# 4010.A - Door type# 11 is an Aluminum door, Door Schedule lists this door material as Hollow Metal (HM). Please verify door type & material.

Response: Revised in A-SK-077

129. Door openings# 301H, 301I, 301J, 301K, 301L, and 301M - are these doors meant to be 1-DM's in DM frames? Please confirm.

Response: No, the door schedule is correct. These are not Demountable walls/doors.

130. Are the overhead doors 004.A and 006.A electric or manually operated?

Response: Electric. We have provided 120V, 20A electrical connections at these doors.

131. Spec section 123623.13/2.4/D/2 calls for the roller window shade motors to be 24 V. The larger shades will require a 110 V motor. We request all motors be listed as 110 V.

Response: We have provided 120V electrical connections at each motor operated window shade. *(Whether you choose to step it down internally and use low voltage cable to the controller, is your call. We've required the EC to use pipe & wire for the control-connections---in addendum #3.)*

132. Spec section 123623.13/3.2/B seems to indicate the roller shade contractor is to wire the roller shades to the building electrical system. Roller shade contractors do not carry a license to do that work.

Response: See Above response

133. I do not see on the electrical drawings where it shows power to the motor operated roller window shades.

Response: J-Boxes on the P&S plans with the subscript MB, are used to denote electrical connections to the motorized blinds/shades.

134. The Rainwater Harvesting System specifications show up under Division 22 Plumbing & Division 33 Utilities. Who is responsible for this system?

Response: BP3, see other responses.

135. Are the topping slabs shown throughout the structural drawings part of BP-2 or BP-3?

Response: Topping slabs for the Level 2 vestibules are the only topping slabs in BP3. The hatched areas on Structural drawings are topping slabs that were part of BP2.

136. Is the sealer that is specified in paragraph 2.6E of specification section 033000 page 6 the sealer required for areas that receive sealer SC-1 as noted on the finish schedule on the series A8400 sheets?

Response: Exposed concrete floors, notes as SC-1 on finish schedule, will be sealed at part of BP2 so is not required again as part of BP3. Do provide 096723 Resinous flooring at Level 0 Mechanical rooms (indicated at SC-1) as req'd by this specification.

137. Can we get notification & addenda posted to the FTP site? We at did not receive addenda 2.

Response: The addenda (1 & 2) have been posted on the USC Procurement website. Just follow the same links you did to access the plans and specs and you will see them listed. We emailed addendum 1 as it was under 10MB. Addendum 2 was a little over 10MB and many folks have a 10MB cap on the inboxes so we did not attempt it. Addendum 3 will be posted tomorrow – it will probably be over 10MB as well so I doubt that we will email it but we will send notification when it is posted.

138. The Acoustic Gasket Specification does not list a GA3 yet it is shown on the door schedule. Please clarify.

Response: See note on A8204 – this is to be provided as offered by demountable wall system.

139. What is the size the underground fuel tank is. The specifications say to refer to the schedule on the drawings.

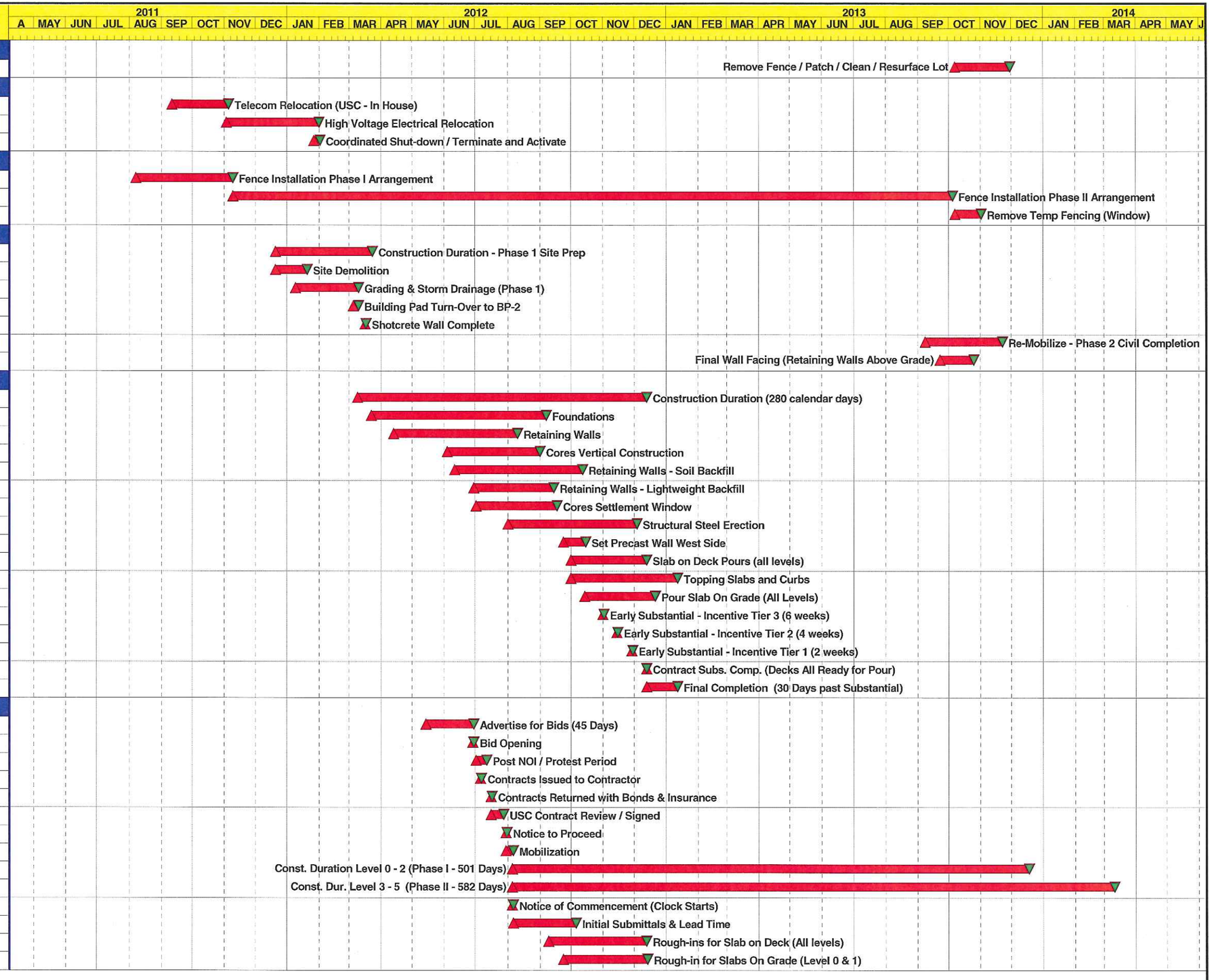
Response: 1000 Gallons

140. What are the expectations for the fuel system? Is there a schematic available? All I see is one ¾" line drawn between the generator room and the underground storage tank. How many valves? Where are the valves located? What are the leak system expectations?

Response: See Specification Revisions, previously answered.

END OF ADDENDUM

Activity ID	Activity Description	Early Start	Early Finish
Misc. Site Services			
660	Remove Fence / Patch / Clean / Resurface Lot	07OCT13	29NOV13
BP-1A Electrical Relocation			
590	Telecom Relocation (USC - In House)	12SEP11	04NOV11
240	High Voltage Electrical Relocation	03NOV11	31JAN12
560	Coordinated Shut-down / Terminate and Activate	27JAN12	01FEB12
BP-1B Temporary Construction Fencing			
310	Fence Installation Phase I Arrangement	08AUG11	09NOV11
760	Fence Installation Phase II Arrangement	09NOV11	04OCT13
840	Remove Temp Fencing (Window)	07OCT13	01NOV13
BP 1C - Civil			
650	Construction Duration - Phase 1 Site Prep	21DEC11	23MAR12
770	Site Demolition	21DEC11	20JAN12
960	Grading & Storm Drainage (Phase 1)	09JAN12	09MAR12
900	Building Pad Turn-Over to BP-2	05MAR12	09MAR12
920	Shotcrete Wall Complete	16MAR12	16MAR12
680	Re-Mobilize - Phase 2 Civil Completion	09SEP13	22NOV13
970	Final Wall Facing (Retaining Walls Above Grade)	23SEP13	25OCT13
BP 2 - Structure			
670	Construction Duration (280 calendar days)	09MAR12	13DEC12
790	Foundations	23MAR12	07SEP12
800	Retaining Walls	13APR12	10AUG12
740	Cores Vertical Construction	04JUN12	31AUG12
830	Retaining Walls - Soil Backfill	11JUN12	12OCT12
1530	Retaining Walls - Lightweight Backfill	29JUN12	14SEP12
750	Cores Settlement Window	02JUL12	17SEP12
850	Structural Steel Erection	01AUG12	03DEC12
940	Set Precast Wall West Side	24SEP12	15OCT12
1000	Slab on Deck Pours (all levels)	01OCT12	13DEC12
1540	Topping Slabs and Curbs	01OCT12	11JAN13
1050	Pour Slab On Grade (All Levels)	15OCT12	21DEC12
1150	Early Substantial - Incentive Tier 3 (6 weeks)	01NOV12	01NOV12
1300	Early Substantial - Incentive Tier 2 (4 weeks)	15NOV12	15NOV12
1290	Early Substantial - Incentive Tier 1 (2 weeks)	29NOV12	29NOV12
980	Contract Subs. Comp. (Decks All Ready for Pour)	13DEC12	13DEC12
990	Final Completion (30 Days past Substantial)	13DEC12	11JAN13
BP 3 - Enclosure / Site / MEPF / Interiors			
1420	Advertise for Bids (45 Days)	14MAY12	28JUN12
1430	Bid Opening	28JUN12	28JUN12
1440	Post NOI / Protest Period	02JUL12	11JUL12
1450	Contracts Issued to Contractor	06JUL12	06JUL12
1460	Contracts Returned with Bonds & Insurance	16JUL12	16JUL12
1470	USC Contract Review / Signed	16JUL12	27JUL12
1480	Notice to Proceed	30JUL12	30JUL12
1500	Mobilization	30JUL12	06AUG12
690	Const. Duration Level 0 - 2 (Phase I - 501 Days)	06AUG12	18DEC13
1330	Const. Dur. Level 3 - 5 (Phase II - 582 Days)	06AUG12	10MAR14
1490	Notice of Commencement (Clock Starts)	06AUG12	06AUG12
1550	Initial Submittals & Lead Time	07AUG12	05OCT12
710	Rough-ins for Slab on Deck (All levels)	10SEP12	12DEC12
1010	Rough-in for Slabs On Grade (Level 0 & 1)	24SEP12	14DEC12



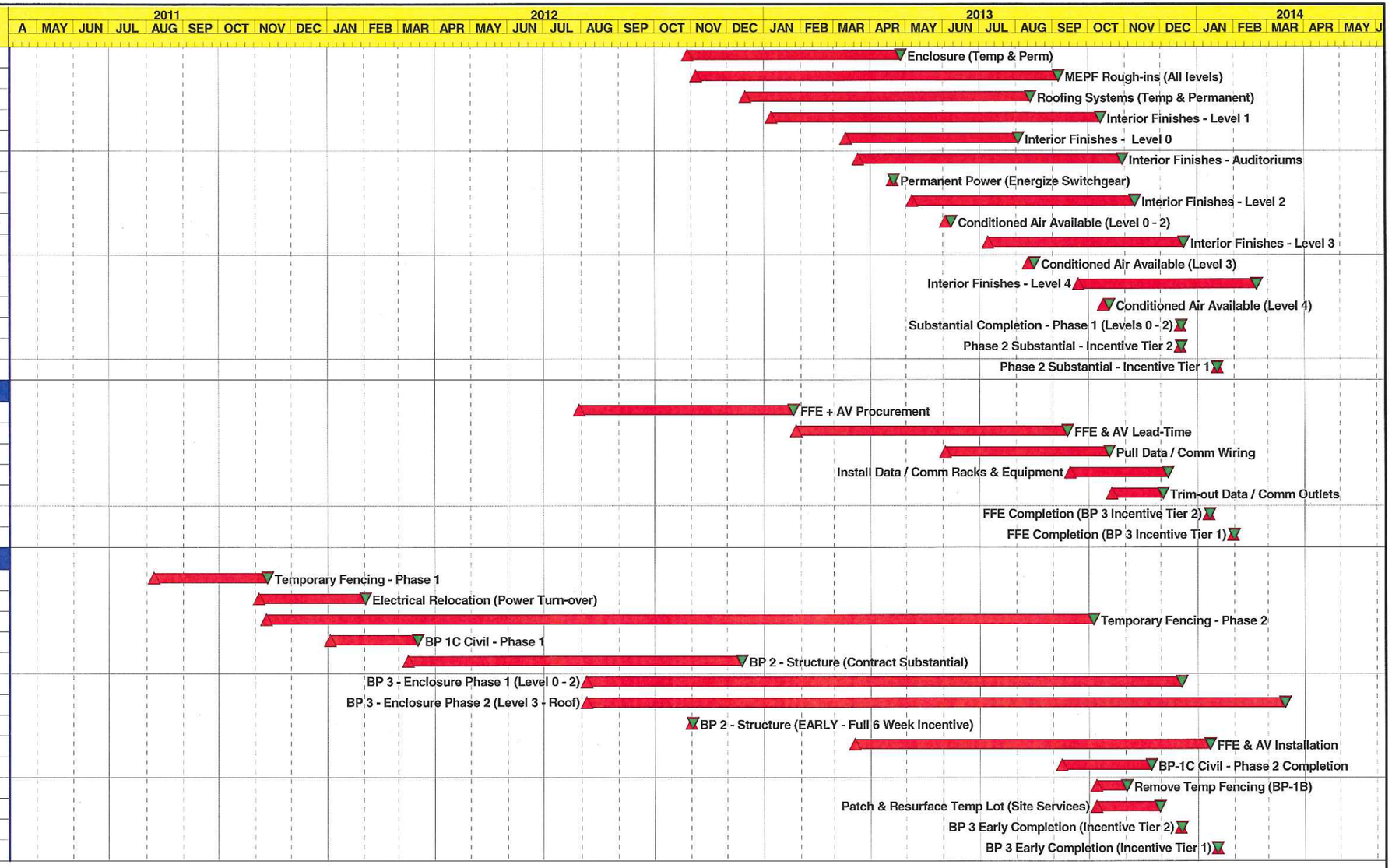
Run Date 14JUN12 16:56

Darla Moore School of Business Construction

FOR ILLUSTRATION PURPOSES ONLY

Date	Revision	Checked	Approved
14JUN12	Example Bid Package Work Flow for Illustration		
	ADDENDUM THREE		

Activity ID	Activity Description	Early Start	Early Finish
1060	Enclosure (Temp & Perm)	29OCT12	26APR13
1080	MEPF Rough-ins (All levels)	05NOV12	06SEP13
1070	Roofing Systems (Temp & Permanent)	17DEC12	13AUG13
1110	Interior Finishes - Level 1	07JAN13	11OCT13
1100	Interior Finishes - Level 0	11MAR13	02AUG13
1210	Interior Finishes - Auditoriums	21MAR13	29OCT13
1160	Permanent Power (Energize Switchgear)	19APR13	19APR13
1120	Interior Finishes - Level 2	06MAY13	08NOV13
1180	Conditioned Air Available (Level 0 - 2)	03JUN13	07JUN13
1130	Interior Finishes - Level 3	09JUL13	20DEC13
1220	Conditioned Air Available (Level 3)	12AUG13	16AUG13
1140	Interior Finishes - Level 4	23SEP13	18FEB14
1230	Conditioned Air Available (Level 4)	14OCT13	18OCT13
1170	Substantial Completion - Phase 1 (Levels 0 - 2)	18DEC13	18DEC13
1320	Phase 2 Substantial - Incentive Tier 2	18DEC13	18DEC13
1310	Phase 2 Substantial - Incentive Tier 1	17JAN14	17JAN14
FF&E + AV			
1340	FFE + AV Procurement	30JUL12	25JAN13
1350	FFE & AV Lead-Time	28JAN13	13SEP13
1200	Pull Data / Comm Wiring	03JUN13	18OCT13
1240	Install Data / Comm Racks & Equipment	16SEP13	06DEC13
1250	Trim-out Data / Comm Outlets	21OCT13	02DEC13
1580	FFE Completion (BP 3 Incentive Tier 2)	10JAN14	10JAN14
1600	FFE Completion (BP 3 Incentive Tier 1)	31JAN14	31JAN14
Recap - All Packages			
810	Temporary Fencing - Phase 1	08AUG11	11NOV11
870	Electrical Relocation (Power Turn-over)	04NOV11	01FEB12
820	Temporary Fencing - Phase 2	11NOV11	04OCT13
880	BP 1C Civil - Phase 1	03JAN12	16MAR12
890	BP 2 - Structure (Contract Substantial)	09MAR12	13DEC12
910	BP 3 - Enclosure Phase 1 (Level 0 - 2)	06AUG12	18DEC13
950	BP 3 - Enclosure Phase 2 (Level 3 - Roof)	06AUG12	14MAR14
1190	BP 2 - Structure (EARLY - Full 6 Week Incentive)	01NOV12	01NOV12
1280	FFE & AV Installation	18MAR13	10JAN14
930	BP-1C Civil - Phase 2 Completion	09SEP13	22NOV13
860	Remove Temp Fencing (BP-1B)	07OCT13	01NOV13
1020	Patch & Resurface Temp Lot (Site Services)	07OCT13	29NOV13
1570	BP 3 Early Completion (Incentive Tier 2)	18DEC13	18DEC13
1270	BP 3 Early Completion (Incentive Tier 1)	17JAN14	17JAN14

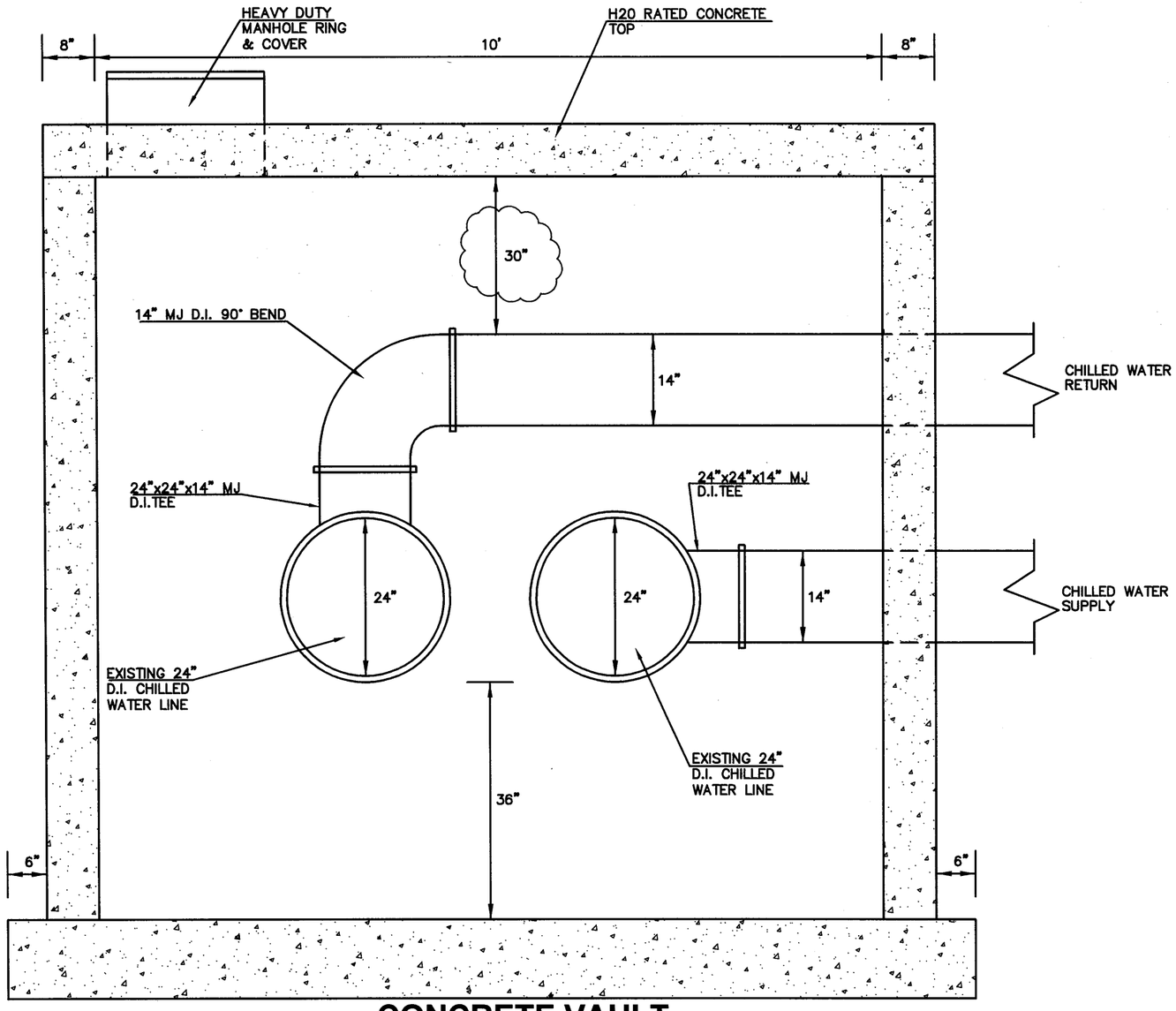


Run Date 14JUN12 16:56

Darla Moore School of Business Construction

FOR ILLUSTRATION PURPOSES ONLY

Date	Revision	Checked	Approved
14JUN12	Example Bid Package Work Flow for Illustration		
	ADDENDUM THREE		



CONCRETE VAULT

STA 0+00'A'

(SOUTH SIDE VIEW)

NTS

CONCRETE CHILLED WATER VAULT DETAIL NTS	01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

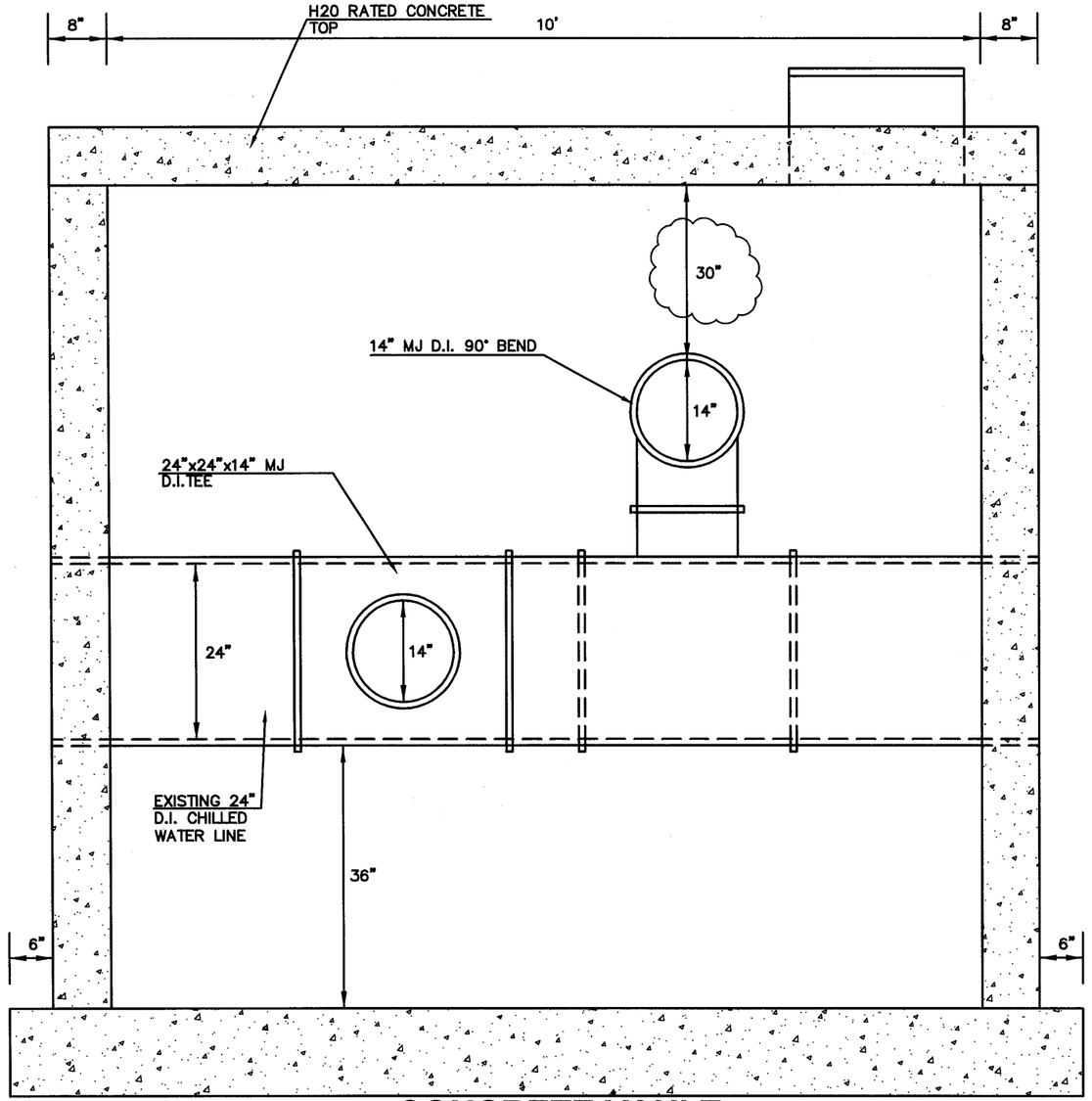
3 2012.06.22

CONCRETE CHILLED WATER VAULT DETAIL REVISION
REF. DWG # C1602

SHEET TITLE :

SCALE :
NTS

SHEET NUMBER :
C-SK-003



CONCRETE VAULT

STA 0+00'A'

(EAST SIDE VIEW)

NTS

CONCRETE CHILLED WATER VAULT DETAIL | 01

NTS

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

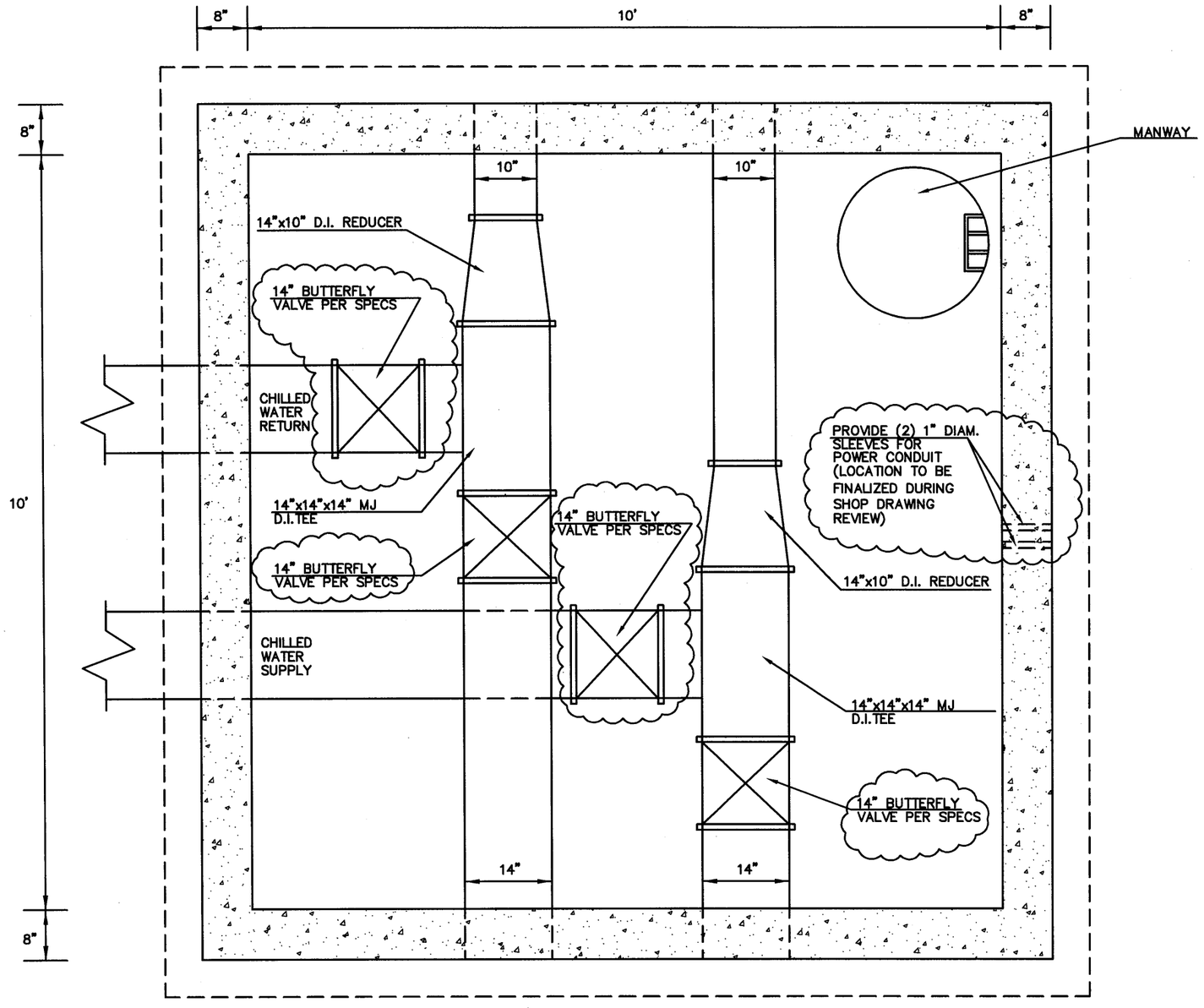
3 2012.06.22

CONCRETE CHILLED WATER VAULT DETAIL REVISION
REF. DWG # C1602

SHEET TITLE :

SCALE :
NTS

SHEET NUMBER :
C-SK-004



CONCRETE VAULT

STA 0+26'A' / STA 0+00'B'

(PLAN VIEW)

NTS

CONCRETE CHILLED WATER VAULT DETAIL	01
NTS	

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

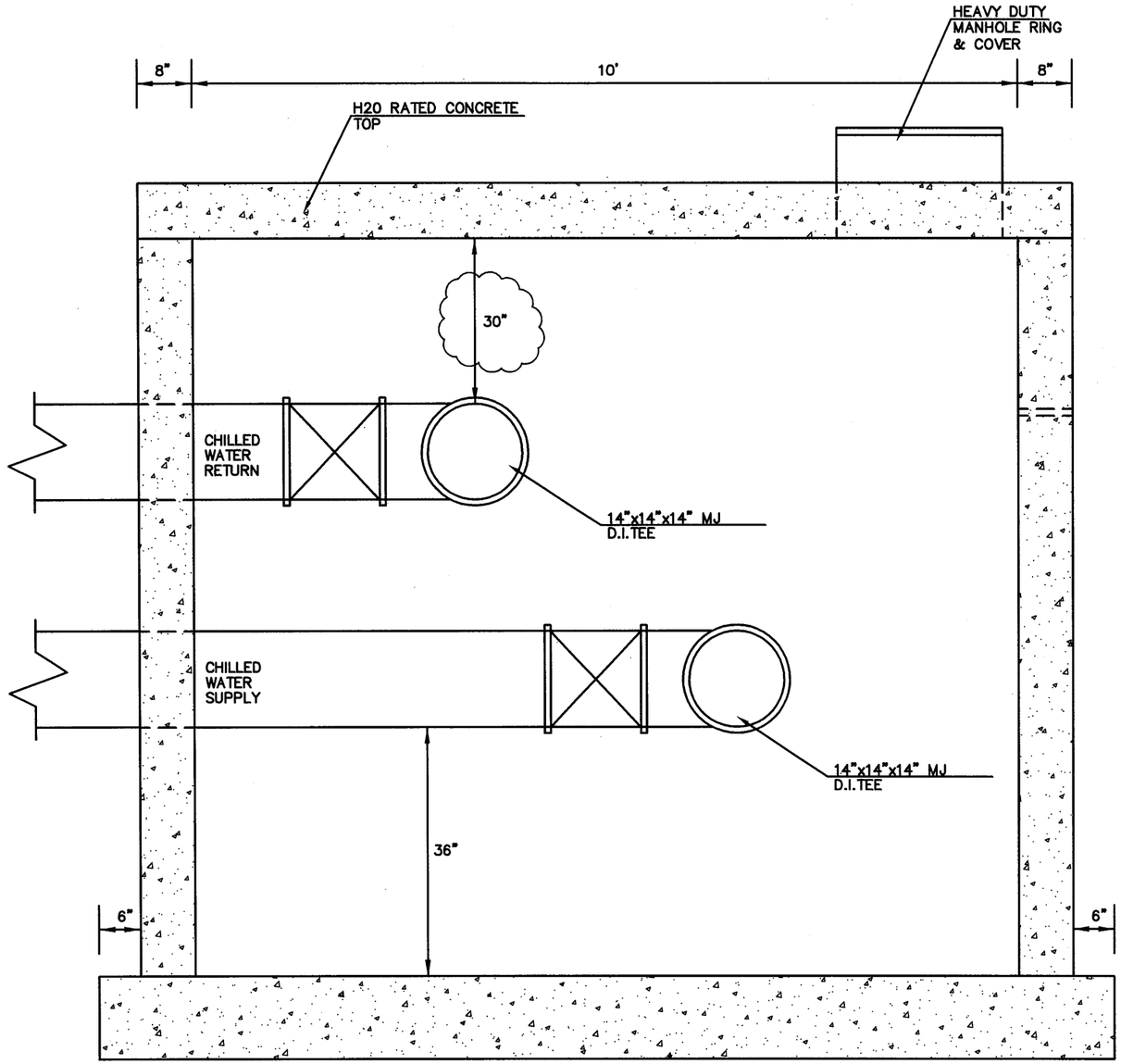
3 2012.06.22

CONCRETE CHILLED WATER VAULT DETAIL REVISION
REF. DWG # C1602

SHEET TITLE :

SCALE :
NTS

SHEET NUMBER :
C-SK-005



CONCRETE VAULT
STA 0+26'A' / STA 0+00'B'
(SOUTH SIDE VIEW)

NTS

CONCRETE CHILLED WATER VAULT DETAIL | 01
NTS

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

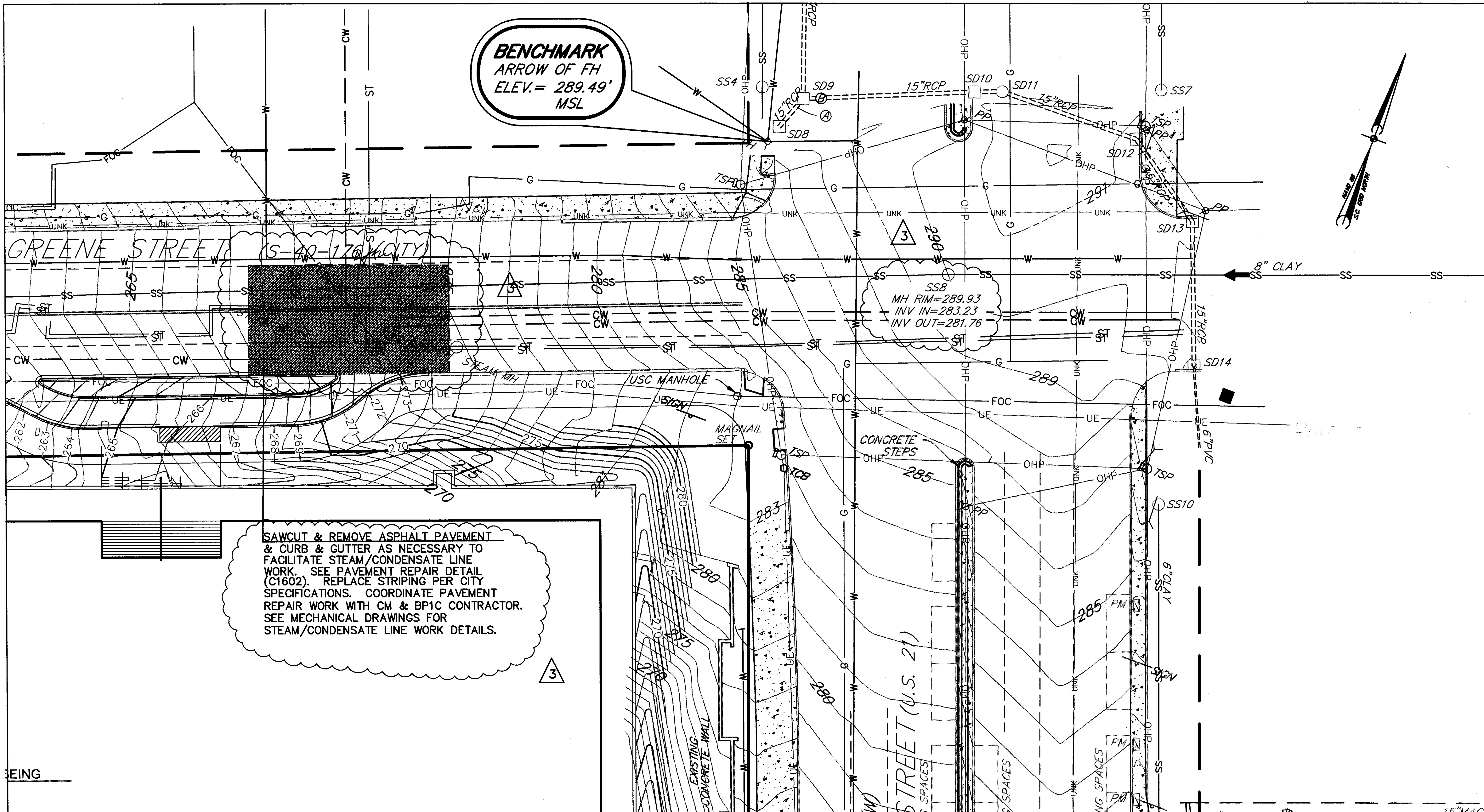
3 2012.06.22

CONCRETE CHILLED WATER VAULT DETAIL REVISION
REF. DWG # C1602

SHEET TITLE :

SCALE :
NTS

SHEET NUMBER :
C-SK-006



BENCHMARK
ARROW OF FH
ELEV.= 289.49'
MSL
GREENE STREET (S-40-176) (CITY)
SS8
MH RIM=289.93
INV IN=283.23
INV OUT=281.76
8" CLAY
15"RCP
USC MANHOLE
MAGNAIL SET
CONCRETE STEPS
STEAM MH
EXISTING CONCRETE WALL
STREET (U.S. 21)
SAWCUT & REMOVE ASPHALT PAVEMENT & CURB & GUTTER AS NECESSARY TO FACILITATE STEAM/CONDENSATE LINE WORK. SEE PAVEMENT REPAIR DETAIL (C1602). REPLACE STRIPING PER CITY SPECIFICATIONS. COORDINATE PAVEMENT REPAIR WORK WITH CM & BP1C CONTRACTOR. SEE MECHANICAL DRAWINGS FOR STEAM/CONDENSATE LINE WORK DETAILS.

EXTENT OF PAVEMENT REMOVAL/REPAIR FOR STEAM/CONDENSATE LINE WORK | 01

1" = 30'

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

3 2012.06.22

EXTENT OF PAVEMENT REMOVAL/REPAIR FOR STEAM/CONDENSATE LINE WORK REVISION
REF. DWG # C1600_bp3

SHEET TITLE :

SCALE :
1" = 30'

SHEET NUMBER :
C-SK-007

HIGHWAY R/W

GREENE STREET (S-40-176) (CITY)

8" CLAY

USC MANHOLE

STEAM MH

SS2
MH RIM=244.28
INV IN(A)=236.36
INV IN(B)=234.93
INV OUT=233.62

SS11
RIM=237.82
TTOM=224.46

STA 0+89'A'

STA 0+26'A'
STA 0+00'B'

STA 1+57'A'

APPROX. LOCATION OF NEW METER FOR 1" GAS SERVICE AT 854 CFH SCE&G TO MAKE TAP, INSTALL LINE UP TO & INCLUDING METER

SUBDUED WATER/SEWER STRUCTURES/PIPING ARE BEING INSTALLED IN BID PACKAGE 1C. (TYPICAL)

3 SAWCUT & REMOVE ASPHALT PAVEMENT & CURB & GUTTER AS NECESSARY TO FACILITATE STEAM/CONDENSATE LINE WORK. SEE PAVEMENT REPAIR DETAIL (C1602). REPLACE STRIPING PER CITY SPECIFICATIONS. COORDINATE PAVEMENT REPAIR WORK WITH CM & BP1C CONTRACTOR. SEE MECHANICAL DRAWINGS FOR STEAM/CONDENSATE LINE WORK DETAILS.

EXTENT OF PAVEMENT REMOVAL/REPAIR FOR STEAM/CONDENSATE LINE WORK

1" = 30'

01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

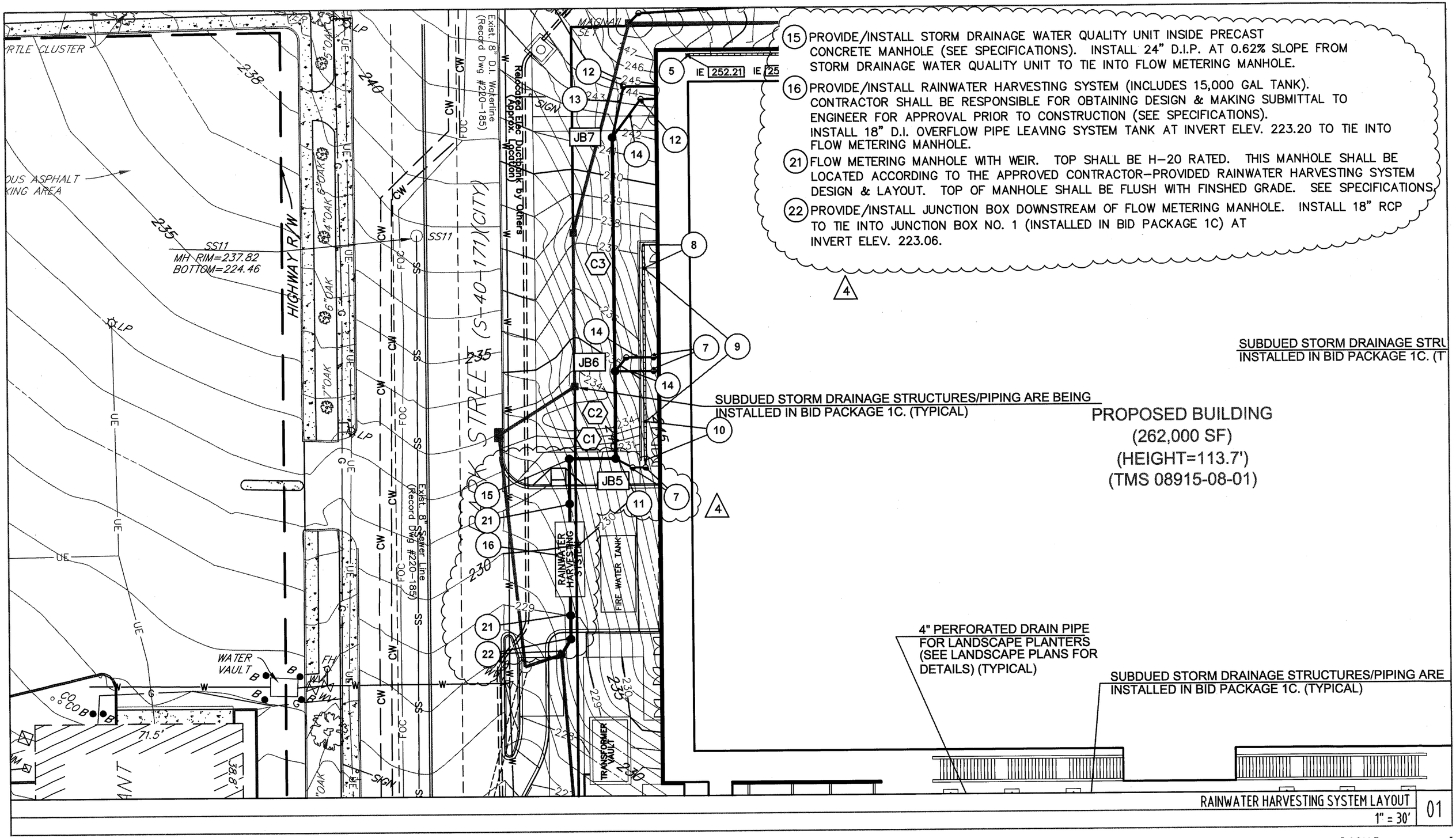
3 2012.06.22

EXTENT OF PAVEMENT REMOVAL/REPAIR FOR STEAM/CONDENSATE LINE WORK REVISION
REF. DWG # C1600_bp3

SHEET TITLE :

SCALE :
1" = 30'

SHEET NUMBER :
C-SK-008



RAINWATER HARVESTING SYSTEM LAYOUT
1" = 30'
01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

4 2012.06.22

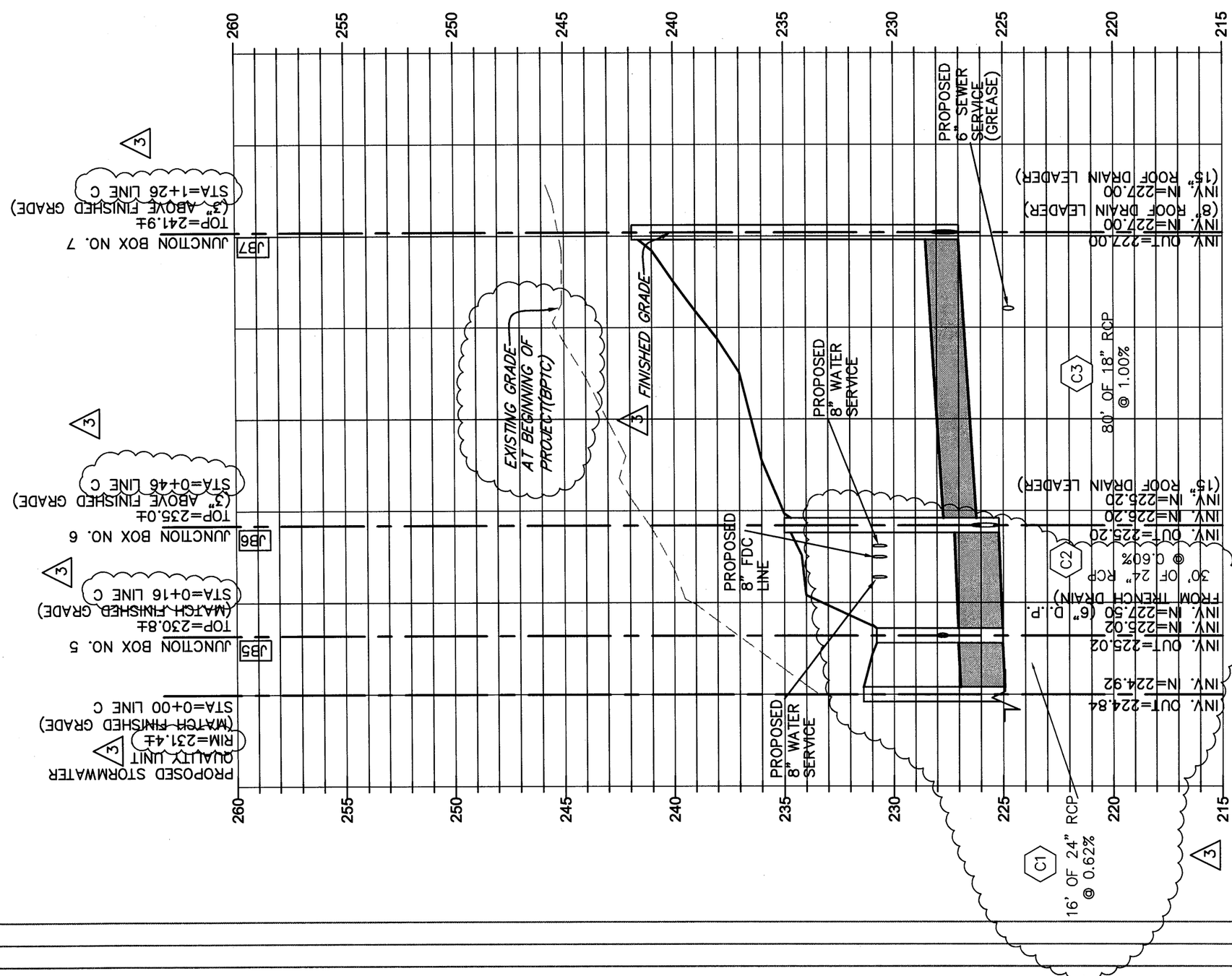
RAINWATER HARVESTING SYSTEM LAYOUT REVISION
REF. DWG # C1500_bp3

SHEET TITLE :

SCALE :
1" = 30'

SHEET NUMBER :
C-SK-009

ROOF DRAINAGE COLLECTOR LINE C



ROOF DRAINAGE COLLECTOR LINE C PROFILE
1" = 30'

01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

3 2012.06.22

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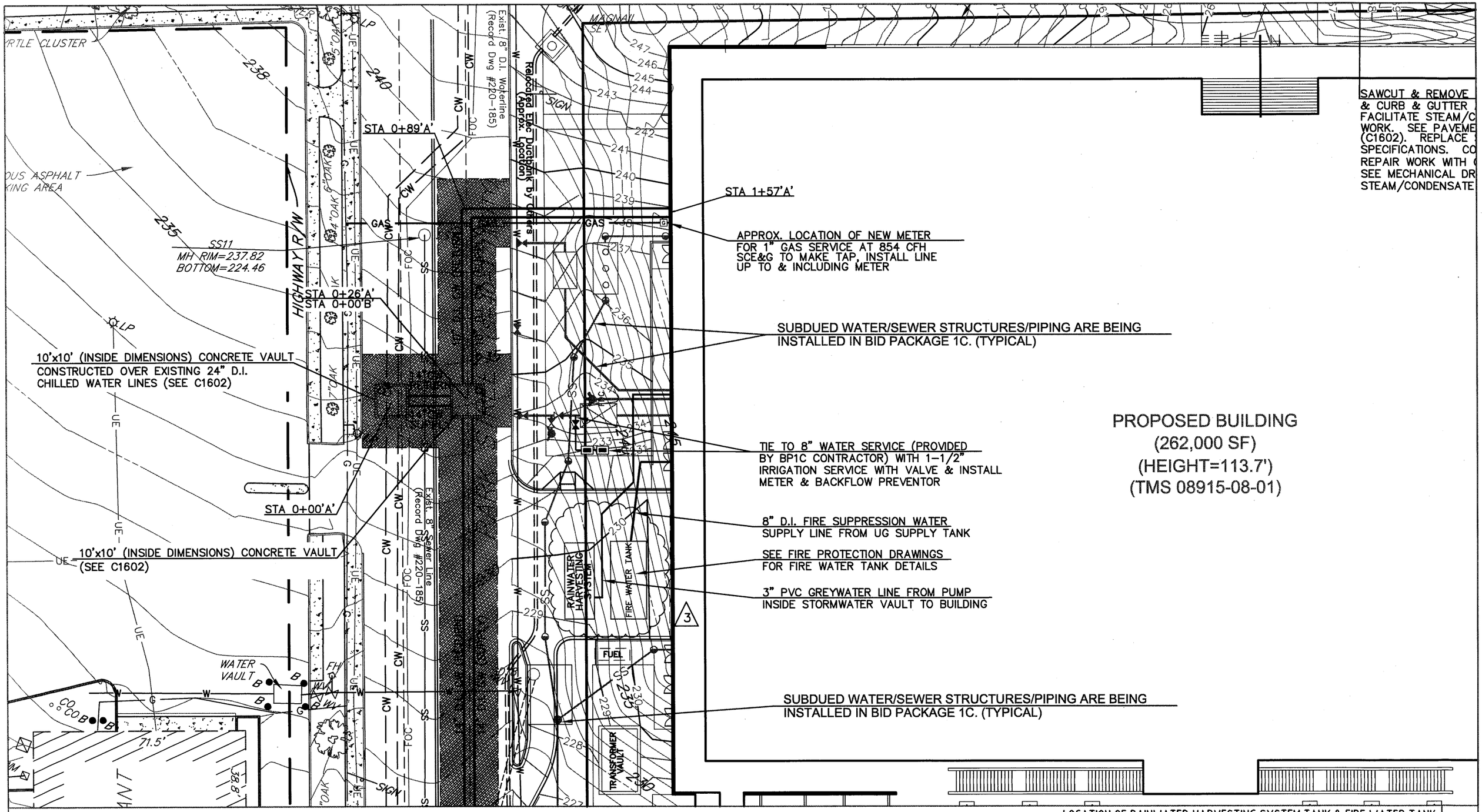
ROOF DRAIN COLLECTOR LINE C PROFILE REVISION
REF. DWG # C1503

SHEET TITLE :

SCALE :
1" = 30'

SHEET NUMBER :
C-SK-010



LOCATION OF RAINWATER HARVESTING SYSTEM TANK & FIRE WATER TANK 01

1" = 30'

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

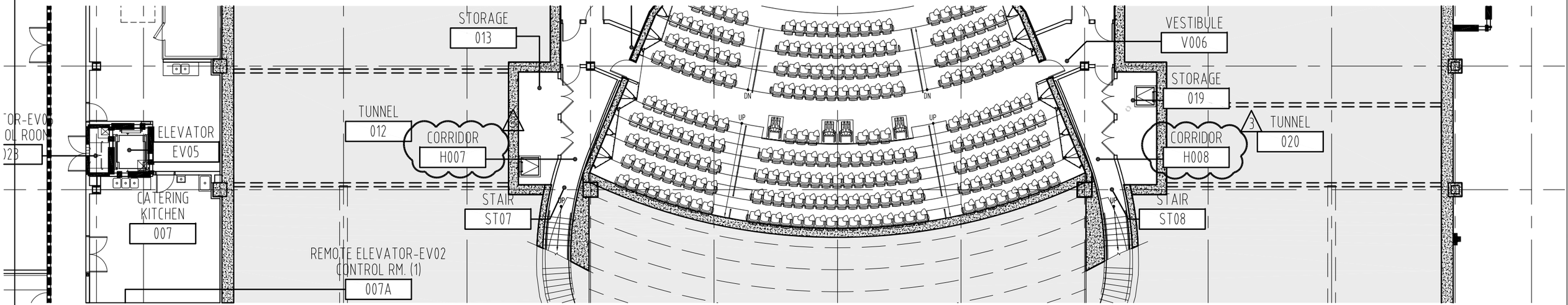
3 2012.06.22

LOCATION OF RAINWATER HARVESTING SYSTEM TANK & FIRE WATER TANK REVISION
REF. DWG # C1600_bp3

SHEET TITLE :

SCALE :
1" = 30'

SHEET NUMBER :
C-SK-011



FLOOR PLAN LEVEL 0 DWG# A1100

SCALE : 1/16" = 1'-0"

01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

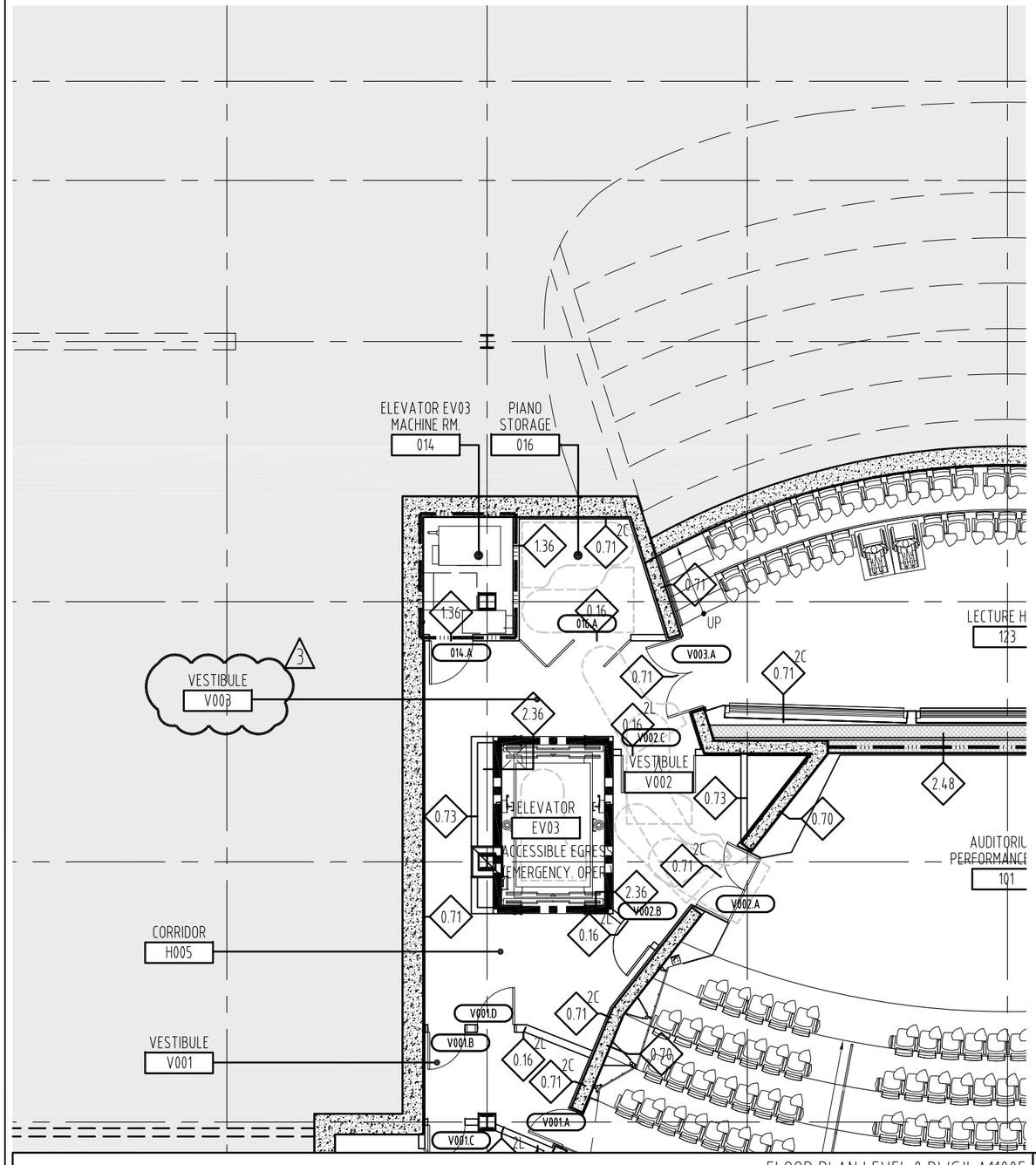
3 2012.06.22

FLOOR PLAN - LEVEL 0 - ROOM TAG, DOOR TAG REVISIONS
REF. DWG #A1100

SHEET TITLE :

SCALE :
1/16" = 1'-0"

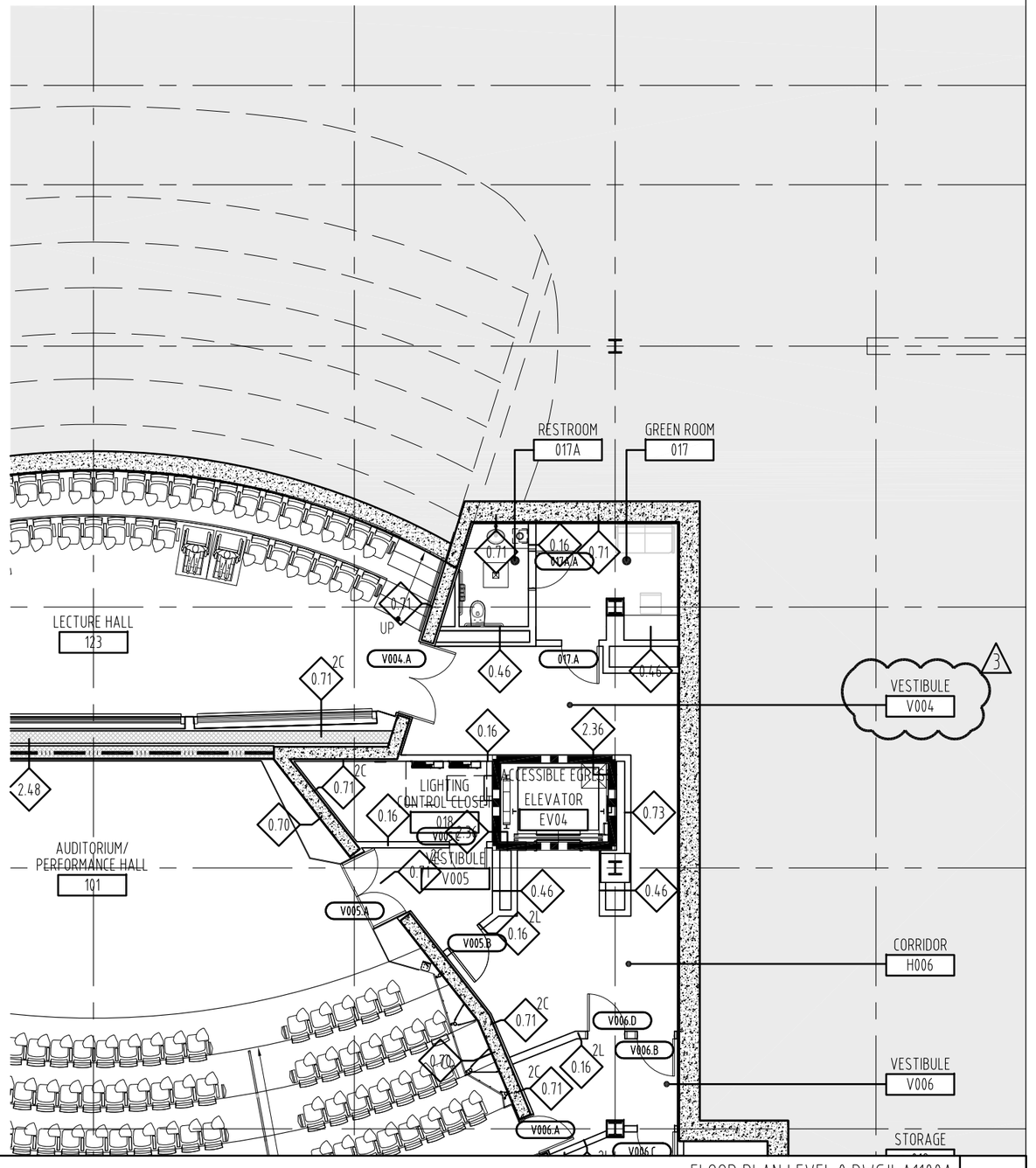
SHEET NUMBER :
A-SK-047



FLOOR PLAN LEVEL 0 DWG# A1100E

SCALE : 3/32" = 1'-0"

02



FLOOR PLAN LEVEL 0 DWG# A1100A

SCALE : 3/32" = 1'-0"

01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

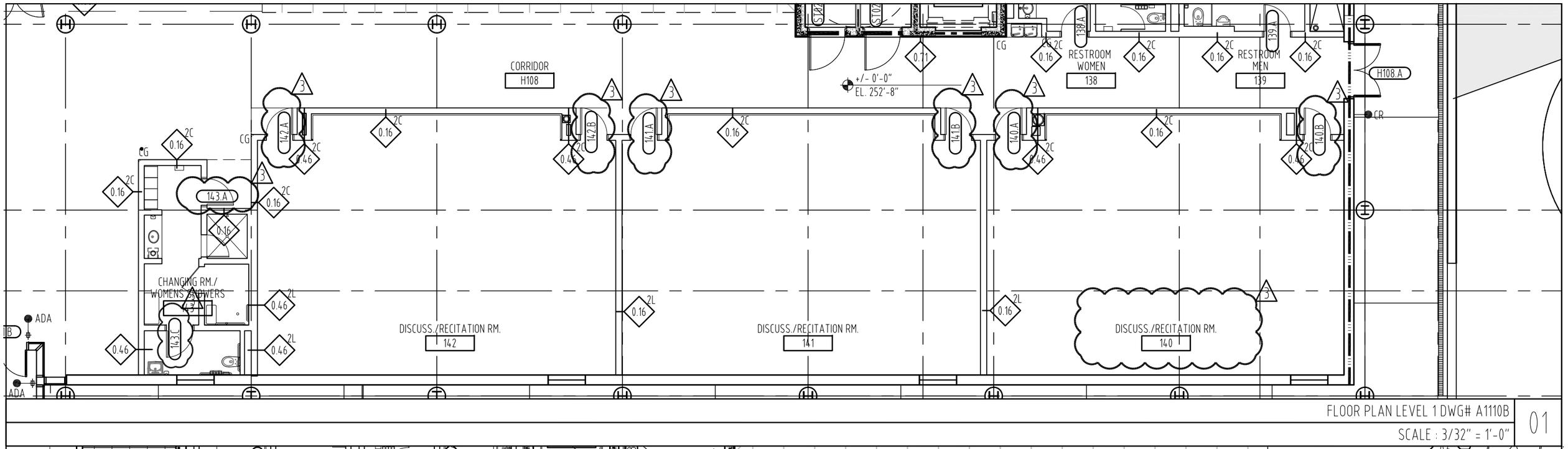
3 2012.06.22

ENLARGED FLOOR PLAN - LEVEL 0 - ROOM TAG, DOOR TAG REVISIONS
REF. DWG #A1100A, A1100E

SHEET TITLE :

SCALE :
3/32" = 1'-0"

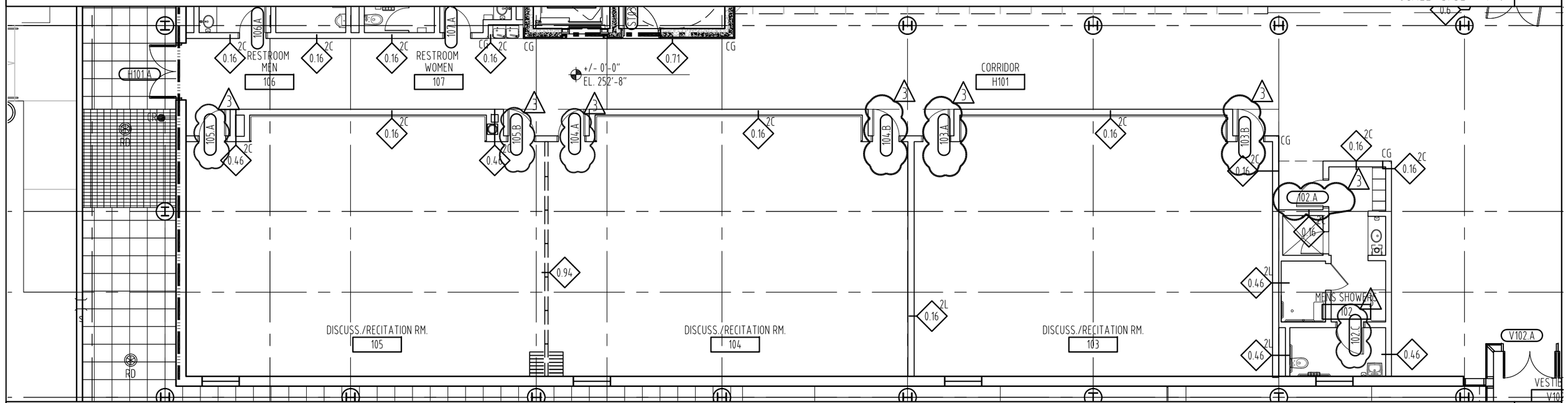
SHEET NUMBER :
A-SK-048



FLOOR PLAN LEVEL 1 DWG# A1110B

SCALE : 3/32" = 1'-0"

01



FLOOR PLAN LEVEL 1 DWG# A1110D

SCALE : 3/32" = 1'-0"

02

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

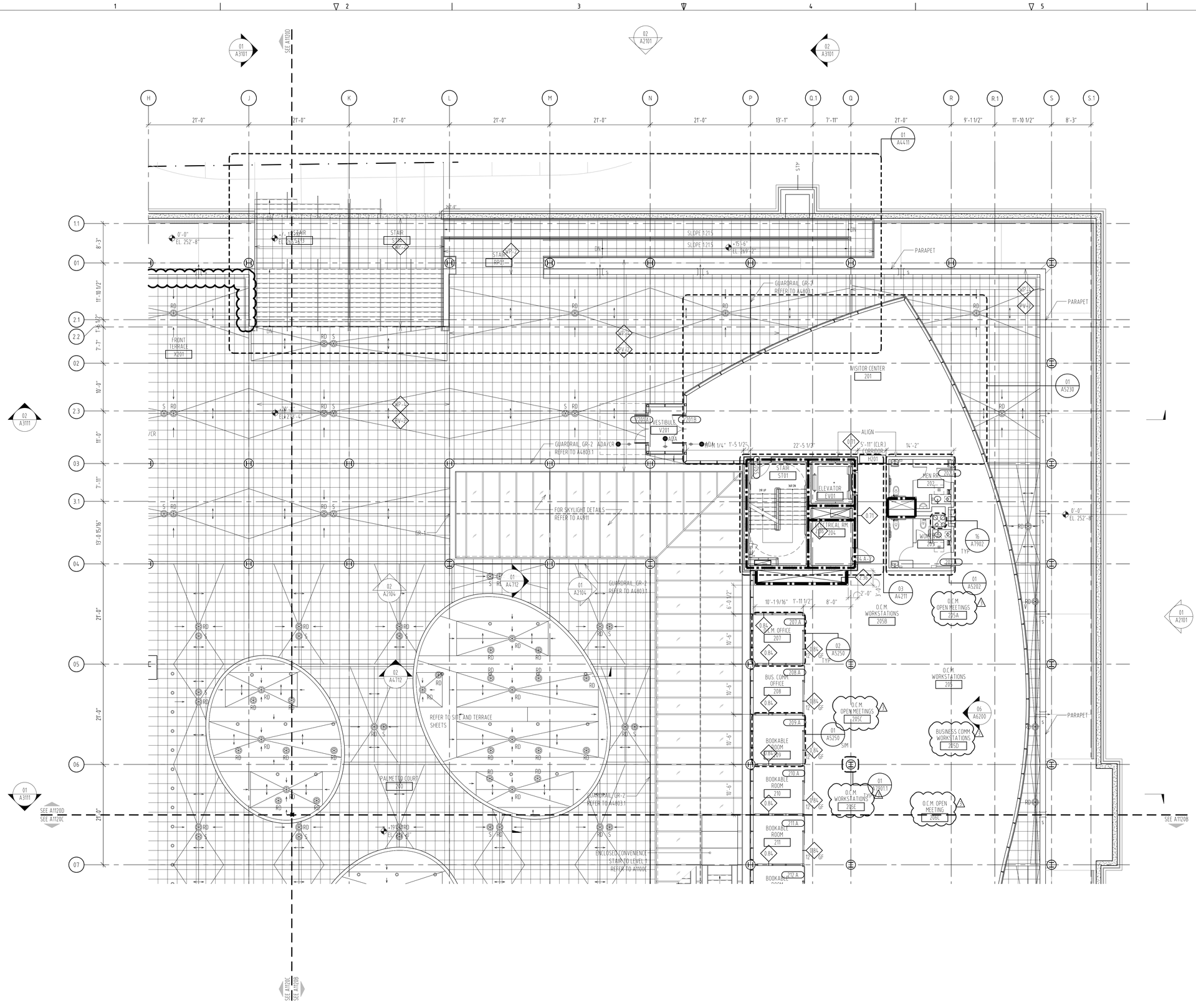
3 2012.06.22

ENLARGED FLOOR PLAN - LEVEL 1 - ROOM TAG, DOOR TAG REVISIONS REF. DWG #A1110B, A1110D

SHEET TITLE :

SCALE :
3/32" = 1'-0"

SHEET NUMBER :
A-SK-049



LEGEND:

- SMOKE RESISTANT CONSTRUCTION
- 1-HOUR FIRE RESISTANCE RATING
- 2-HOUR FIRE RESISTANCE RATING

GENERAL NOTES:

1. ALL STRUCTURAL COMPONENTS - BEAMS, COLUMNS, SLAB ON GRADE, ELEVATED SLABS, METAL DECKS, FOUNDATION WALL, CONCRETE WORK AND CORE METAL STAIRS - ARE PART OF A SEPARATE STRUCTURE PACKAGE UNLESS OTHERWISE NOTED.

2. ALL MISCELLANEOUS METALS ARE PART OF THIS BID PACKAGE.

3. FOR RAMP AND STAIR DETAILS, SEE SHEET A4401.

4. FOR CARD READER AND DOOR ACTIVATION SWITCH POSTS REFER TO DETAILS ON SHEET A 8224.

ROOF DRAINS:

SEE BP2 SLAB EDGE PLANS FOR DIMENSIONAL LOCATION OF ROOF DRAINS.

WATER PROOFING LEGEND:

- WP-2 EXTERIOR STAIRS WATERPROOFING (SELF-ADHEREING RUBBERIZED ASPHALT)
- WP-3 LEVEL 2 AND DEAN'S OFFICE TERRACE WATERPROOFING (THERMOPLASTIC SINGLE PLY) REFER TO 01/A4711.1

PAVING LEGEND:

- VP-1 2'x2' PRECAST CONCRETE PAVERS ON PEDESTALS COLOR: LIGHT GRAY

USC BUSINESS PARTNERSHIP FOUNDATION
ON BEHALF OF
USC CAMPUS PLANNING & CONSTRUCTION

PROJECT NAME:
UNIVERSITY OF SOUTH CAROLINA
DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION

OSE PROJECT NUMBER:
H27-6069-AC-3

743 GREENE STREET
COLUMBIA, SC 20298
TEL: 803 777 4022 FAX: 803 777 0484

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NEW YORK, NY 10013
TEL: 212 924 5060 FAX: 212 924 5858

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1501 MAIN STREET, FLOOR G
COLUMBIA, SC 29201-5801
TEL: 803 765 0320 FAX: 803 254 6209

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JAFFE HOLDEN ACOUSTICS, INC.
114A WASHINGTON STREET
NORWALK, CT 06854-3007
TEL: 203 838 4167 FAX: 203 838 4168

LANDSCAPE ARCHITECT:
GRIMBALL-COTTERILL ASSOCIATES
600 BELTLINE BOULEVARD
COLUMBIA, SC 29205
TEL: 803 738 9525 FAX:

SURVEYOR:
BP BARBER & ASSOCIATES, INC.
101 RESEARCH DRIVE
COLUMBIA, SC 29202-1116
TEL: 803 429 4028 FAX:

BUILDING CODE:
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3610 COMMERCE DRIVE, SUITE 817
BALTIMORE, MD 21227-1652
TEL: 410 737 8677 FAX: 410 737 8688

LIGHTING DESIGNER
ONE LUX STUDIO, LLC
39 WEST 13TH STREET
NEW YORK, NY 10011
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FOOD & WASTE MANAGEMENT:
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8055 EAST TUFTS AVE, SUITE 1320
DENVER, CO 80237
TEL: 303.649.1600 FAX: 303.649.1660

SIGNAGE & WAYFINDING:
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NEW YORK, NY 10013
TEL: 212 924 5060 FAX: 212 924 5858

SPECIFICATIONS:
ROBERT SCHWARTZ & ASSOCIATES
589 8TH AVE., 17TH FLOOR
NEW YORK, NY 10018
TEL: 212 691 3248 FAX: 212 633 1613

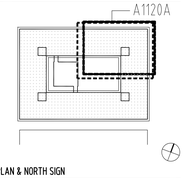
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
MAY 14, 2012

PHASE :

ADDENDUM #003
JUNE 22, 2012
REF. DWG # A1120A

SEAL & SIGNATURE

ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE
1	2012.04.18				
2	2012.01.04				
3	2011.11.14				
REF.	2011.10.04				
REF.	2011.09.09				
4	2011.08.05				
5	2011.07.22				
REF.	2011.06.04				
6	2011.05.23				
7	2011.04.29	8	2012.06.22		
9	2011.04.04	10	2012.05.14		
11	2011.02.09				



KEY PLAN & NORTH SIGN

IF THIS DRAWING IS NOT 30" X 42" IT IS A REDUCED PRINT; REFER TO GRAPHIC SCALE

0 8 16

1/8" = 1' - 0"

ENLARGED FLOOR PLAN
LEVEL 2
ZONE A

SHEET TITLE :

A-SK-050

SHEET NUMBER :

LEGEND:

- SMOKE RESISTANT CONSTRUCTION
- 1-HOUR FIRE RESISTANCE RATING
- 2-HOUR FIRE RESISTANCE RATING

GENERAL NOTES:

1. ALL STRUCTURAL COMPONENTS - BEAMS, COLUMNS, SLAB ON GRADE, ELEVATED SLABS, METAL DECKS, FOUNDATION WALL, CONCRETE WORK AND CORE METAL STAIRS - ARE PART OF A SEPARATE STRUCTURE PACKAGE UNLESS OTHERWISE NOTED.

2. ALL MISCELLANEOUS METALS ARE PART OF THIS BID PACKAGE.

3. FOR RAMP AND STAIR DETAILS, SEE SHEET A4401.

4. FOR CARD READER AND DOOR ACTIVATION SWITCH POSTS REFER TO DETAILS ON SHEET A 8224.

ROOF DRAINS:

SEE BP2 SLAB EDGE PLANS FOR DIMENSIONAL LOCATION OF ROOF DRAINS.

WATER PROOFING LEGEND:

- WP-2 EXTERIOR STAIRS WATERPROOFING (SELF-ADHEREING RUBBERIZED ASPHALT)
- WP-3 LEVEL 2 AND DEAN'S OFFICE TERRACE WATERPROOFING (THERMOPLASTIC SINGLE PLY) REFER TO 01/A4711.1

PAVING LEGEND:

- V1-2 2'x2' PRECAST CONCRETE PAVERS ON PEDESTALS COLOR: LIGHT GRAY

USC BUSINESS PARTNERSHIP FOUNDATION
ON BEHALF OF
USC CAMPUS PLANNING & CONSTRUCTION

PROJECT NAME:
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NEW YORK, NY 10018
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BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
MAY 14, 2012

PHASE :

ADDENDUM #003
JUNE 22, 2012
REF. DWG # A1120B

SEAL & SIGNATURE

ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE
	2012.04.18				
	2012.01.04				
	2011.11.14				
REF.	2011.10.04				
REF.	2011.09.09				
REF.	2011.08.05				
REF.	2011.07.22				
REF.	2011.06.04				
5	2011.05.23				
4	2011.04.29				
3	2011.04.04	3	2012.06.22		
2	2011.02.09	2	2012.05.14		
1		1			

KEY PLAN & NORTH SIGN

IF THIS DRAWING IS NOT 30" X 42" IT IS A REDUCED PRINT; REFER TO GRAPHIC SCALE

0 8 16

1/8" = 1' - 0"

ENLARGED FLOOR PLAN
LEVEL 2
ZONE B

SHEET TITLE :

A-SK-051

SHEET NUMBER :

LEGEND:

- SMOKE RESISTANT CONSTRUCTION
- 1-HOUR FIRE RESISTANCE RATING
- 2-HOUR FIRE RESISTANCE RATING

GENERAL NOTES:

1. ALL STRUCTURAL COMPONENTS - BEAMS, COLUMNS, SLAB ON GRADE, ELEVATED SLABS, METAL DECKS, FOUNDATION WALL, CONCRETE WORK AND CORE METAL STAIRS - ARE PART OF A SEPARATE STRUCTURE PACKAGE UNLESS OTHERWISE NOTED.

2. ALL MISCELLANEOUS METALS ARE PART OF THIS BID PACKAGE.

3. FOR RAMP AND STAIR DETAILS, SEE SHEET A4401.

4. FOR CARD READER AND DOOR ACTIVATION SWITCH POSTS REFER TO DETAILS ON SHEET A 8224.

ROOF DRAINS:

SEE BP2 SLAB EDGE PLANS FOR DIMENSIONAL LOCATION OF ROOF DRAINS.

WATER PROOFING LEGEND:

- WP-2 EXTERIOR STAIRS WATERPROOFING (SELF-ADHEREING RUBBERIZED ASPHALT)
- WP-3 LEVEL 2 AND DEAN'S OFFICE TERRACE WATERPROOFING (THERMOPLASTIC SINGLE PLY) REFER TO 01/A4711.1

PAVING LEGEND:

- PV-2 2'-x2' PRECAST CONCRETE PAVERS ON PEDESTALS COLOR: LIGHT GRAY

USC BUSINESS PARTNERSHIP FOUNDATION
ON BEHALF OF
USC CAMPUS PLANNING & CONSTRUCTION

PROJECT NAME:
UNIVERSITY OF SOUTH CAROLINA
DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION

OSE PROJECT NUMBER:
H27-6069-AC-3

743 GREENE STREET
COLUMBIA, SC 20298
TEL: 803 777 4022 FAX: 803 777 0484

ARCHITECT:
RAFAEL VINOLY ARCHITECTS PC
50 VANDAM STREET
NEW YORK, NY 10013
TEL: 212 924 5060 FAX: 212 924 5858

STRUCTURAL ENGINEER, MEP ENGINEER, CIVIL ENGINEER, FIRE PROTECTION ENGINEER:
STEVENS & WILKINSON, SC
1501 MAIN STREET, FLOOR G
COLUMBIA, SC 29201-5801
TEL: 803 765 0320 FAX: 803 254 6209

TELECOMMUNICATIONS, AUDIOVISUAL & ACOUSTICS:
JAFFE HOLDEN ACOUSTICS, INC.
1144 WASHINGTON STREET
NORWALK, CT 06854-3007
TEL: 203 838 4167 FAX: 203 838 4168

LANDSCAPE ARCHITECT:
GRIMBALL-COTTERILL ASSOCIATES
600 BELTLINE BOULEVARD
COLUMBIA, SC 29205
TEL: 803 738 9525 FAX:

SURVEYOR:
BP BARBER & ASSOCIATES, INC.
101 RESEARCH DRIVE
COLUMBIA, SC 29202-1116
TEL: 803 429 4028 FAX:

BUILDING CODE:
HUGHES ASSOCIATES
3610 COMMERCE DRIVE, SUITE 817
BALTIMORE, MD 21227-1652
TEL: 410 737 8677 FAX: 410 737 8688

LIGHTING DESIGNER
ONE LUX STUDIO, LLC
39 WEST 13TH STREET
NEW YORK, NY 10011
TEL: 212 201 5792 FAX: 212 615 3700

FOOD & WASTE MANAGEMENT:
WILLIAM CARUSO & ASSOCIATES, INC.
8055 EAST TUFTS AVE, SUITE 1320
DENVER, CO 80237
TEL: 303.649.1600 FAX: 303.649.1660

SIGNAGE & WAYFINDING:
RAFAEL VINOLY ARCHITECTS PC
50 VANDAM STREET
NEW YORK, NY 10013
TEL: 212 924 5060 FAX: 212 924 5858

SPECIFICATIONS:
ROBERT SCHWARTZ & ASSOCIATES
589 8TH AVE., 17TH FLOOR
NEW YORK, NY 10018
TEL: 212 691 3248 FAX: 212 633 1613

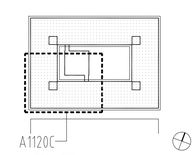
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
MAY 14, 2012

PHASE :

ADDENDUM #003
JUNE 22, 2012
REF. DWG # A1120C

SEAL & SIGNATURE

ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE
1	2012.04.18				
2	2012.01.04				
3	2011.11.14				
REF.	2011.10.04				
REF.	2011.09.09				
REF.	2011.08.05				
REF.	2011.07.22				
REF.	2011.06.04				
1	2011.05.23				
2	2011.04.29				
3	2011.04.04	1	2012.06.22		
4	2011.02.09	2	2012.05.14		



KEY PLAN & NORTH SIGN

IF THIS DRAWING IS NOT 30" X 42" IT IS A REDUCED PRINT; REFER TO GRAPHIC SCALE

0 8 16

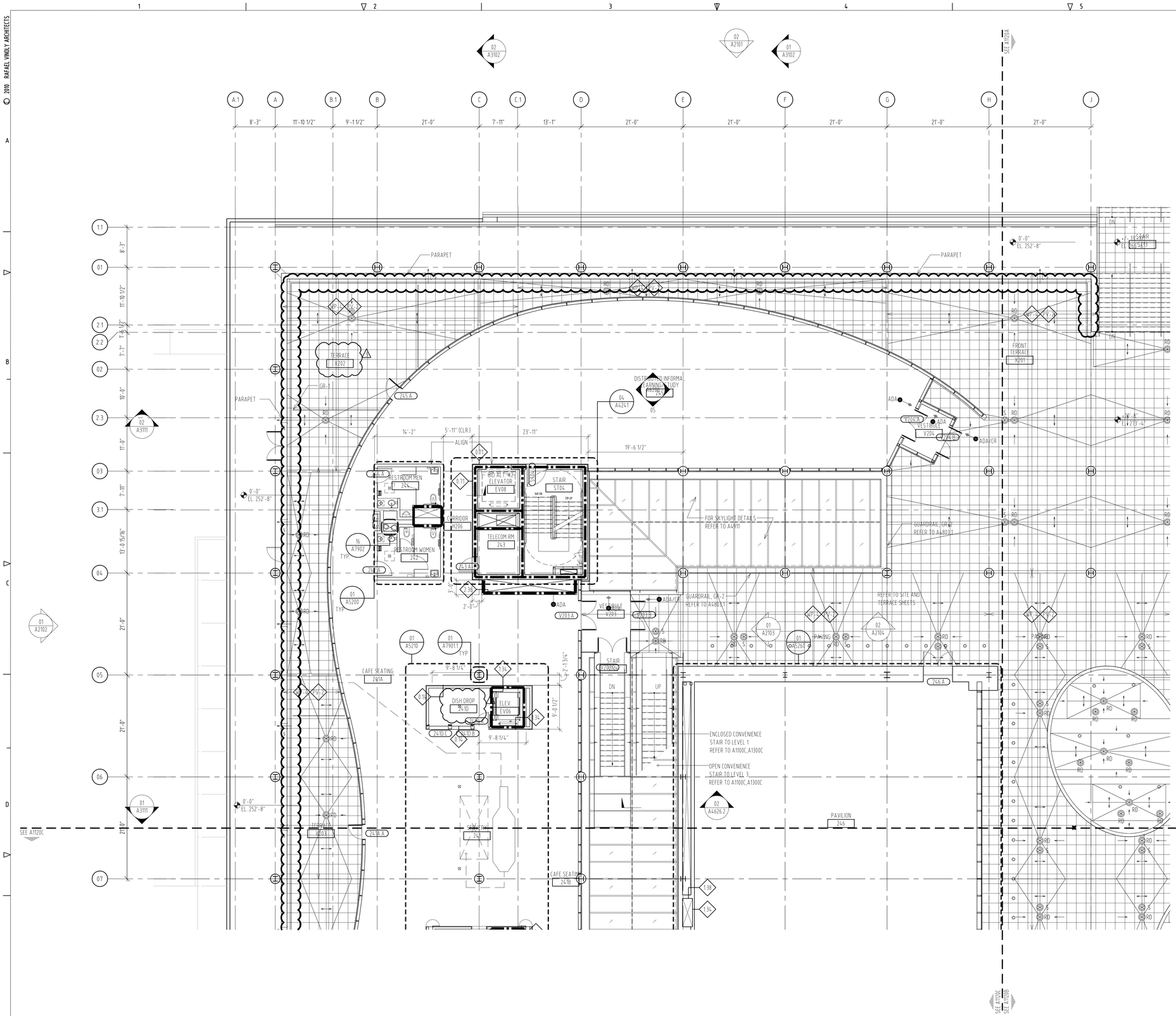
1/8" = 1' - 0"

ENLARGED FLOOR PLAN
LEVEL 2
ZONE C

SHEET TITLE :

A-SK-052

SHEET NUMBER :



LEGEND:

- SMOKE RESISTANT CONSTRUCTION
- 1-HOUR FIRE RESISTANCE RATING
- 2-HOUR FIRE RESISTANCE RATING

GENERAL NOTES:

1. ALL STRUCTURAL COMPONENTS - BEAMS, COLUMNS, SLAB ON GRADE, ELEVATED SLABS, METAL DECKS, FOUNDATION WALL, CONCRETE WORK AND CORE METAL STAIRS - ARE PART OF A SEPARATE STRUCTURE PACKAGE UNLESS OTHERWISE NOTED.

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3. FOR RAMP AND STAIR DETAILS, SEE SHEET A4401.

4. FOR CARD READER AND DOOR ACTIVATION SWITCH POSTS REFER TO DETAILS ON SHEET A 8224.

ROOF DRAINS:

SEE BP2 SLAB EDGE PLANS FOR DIMENSIONAL LOCATION OF ROOF DRAINS.

WATER PROOFING LEGEND:

- WP-2 EXTERIOR STAIRS WATERPROOFING (SELF-ADHEREING RUBBERIZED ASPHALT)
- WP-3 LEVEL 2 AND DEAN'S OFFICE TERRACE WATERPROOFING (THERMOPLASTIC SINGLE PLY) REFER TO 01/A4711.1

PAVING LEGEND:

- PV-2 2'x2' PRECAST CONCRETE PAVERS ON PEDESTALS COLOR: LIGHT GRAY

USC BUSINESS PARTNERSHIP FOUNDATION
ON BEHALF OF
USC CAMPUS PLANNING & CONSTRUCTION

PROJECT NAME:
UNIVERSITY OF SOUTH CAROLINA
DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION

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SPECIFICATIONS:
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NEW YORK, NY 10018
TEL: 212 691 3248 FAX: 212 633 1613

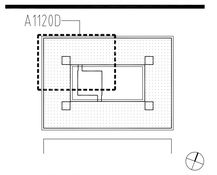
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
MAY 14, 2012

PHASE :

ADDENDUM #003
JUNE 22, 2012
REF. DWG # A1120D

SEAL & SIGNATURE

ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE	ISSUE NO.	ISSUE DATE
A	2012.04.18				
A	2012.01.04				
A	2011.11.14				
REF	2011.10.04				
REF	2011.09.09				
A	2011.08.05				
A	2011.07.22				
REF	2011.06.04				
A	2011.05.23				
A	2011.04.29				
A	2011.04.04	1	2012.06.22		
A	2011.02.09	1	2012.05.14		



KEY PLAN & NORTH SIGN

IF THIS DRAWING IS NOT 30" X 42" IT IS A REDUCED PRINT; REFER TO GRAPHIC SCALE

0 8 16

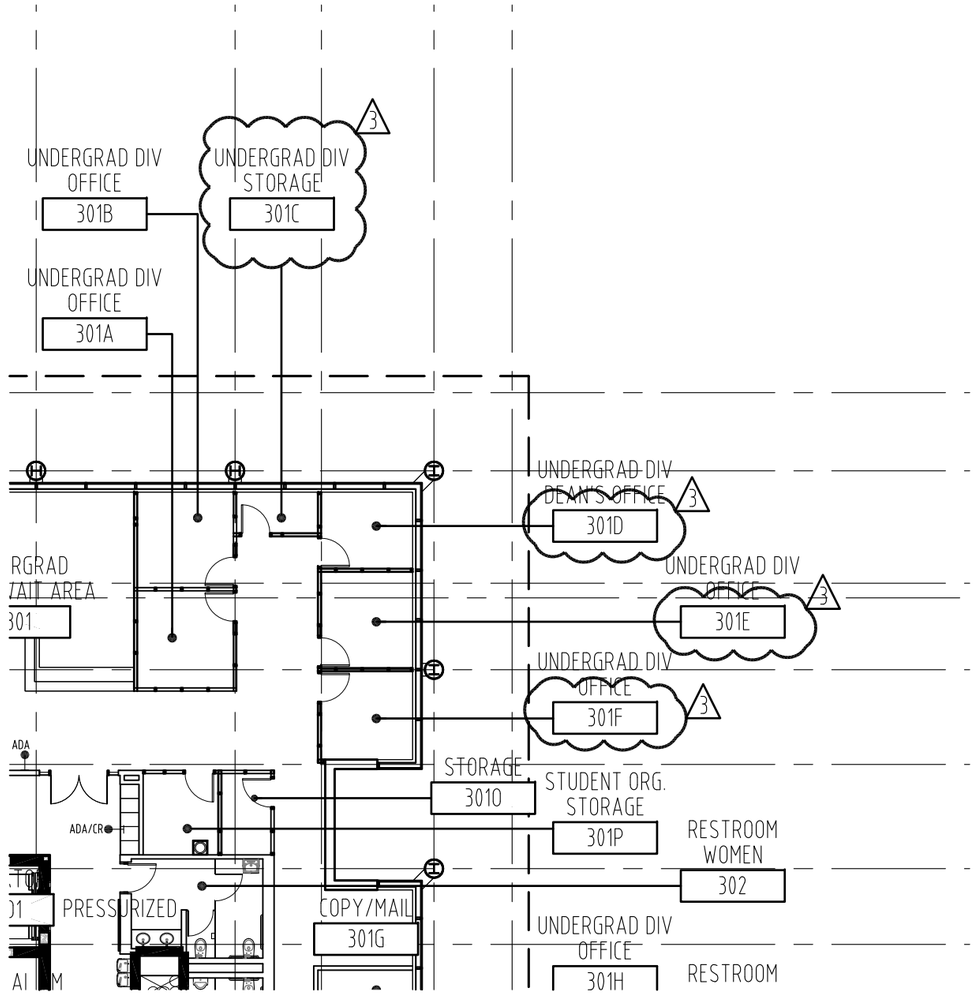
1/8" = 1' - 0"

ENLARGED FLOOR PLAN
LEVEL 2
ZONE D

SHEET TITLE :

A-SK-053

SHEET NUMBER :



FLOOR PLAN LEVEL 3 — 01

SCALE : 1/16" = 1'-0"

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

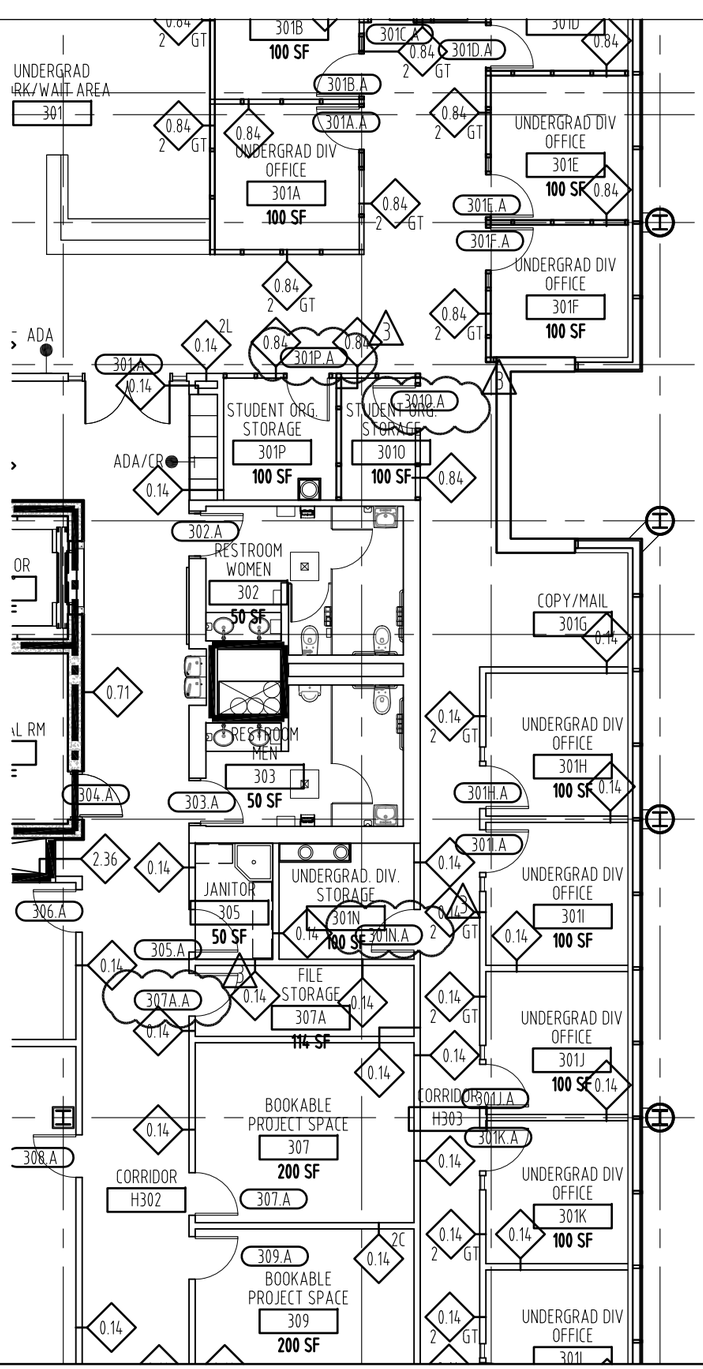
3 2012.06.22

FLOOR PLAN - LEVEL 3 - ROOM TAG, DOOR TAG REVISIONS
REF. DWG #A1130

SHEET TITLE :

SCALE :
1/16" = 1'-0"

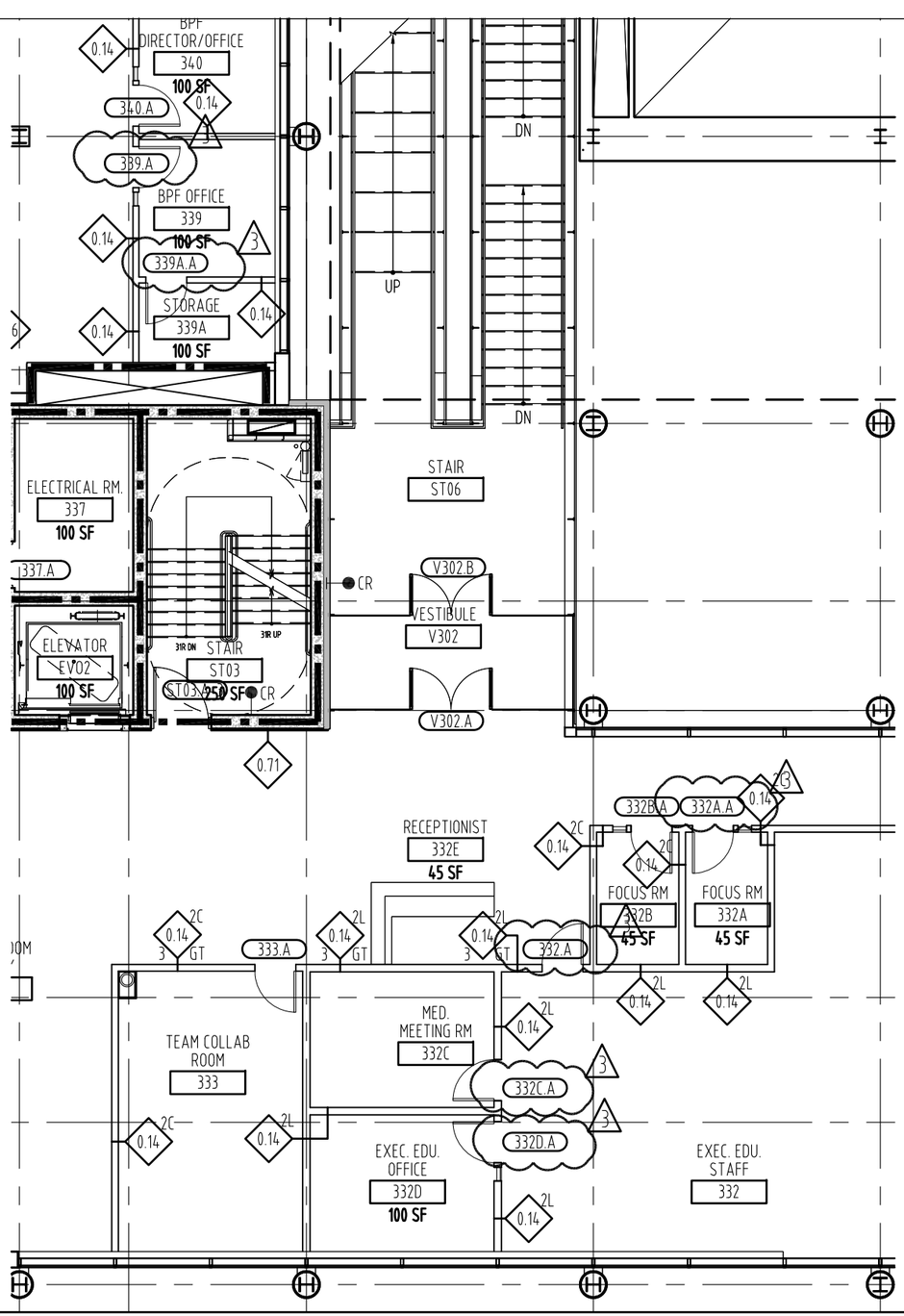
SHEET NUMBER :
A-SK-054



FLOOR PLAN LEVEL 3 DWG#A1130A

SCALE : 3/32" = 1'-0"

01



FLOOR PLAN LEVEL 3 DWG#A1130C

SCALE : 3/32" = 1'-0"

02

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

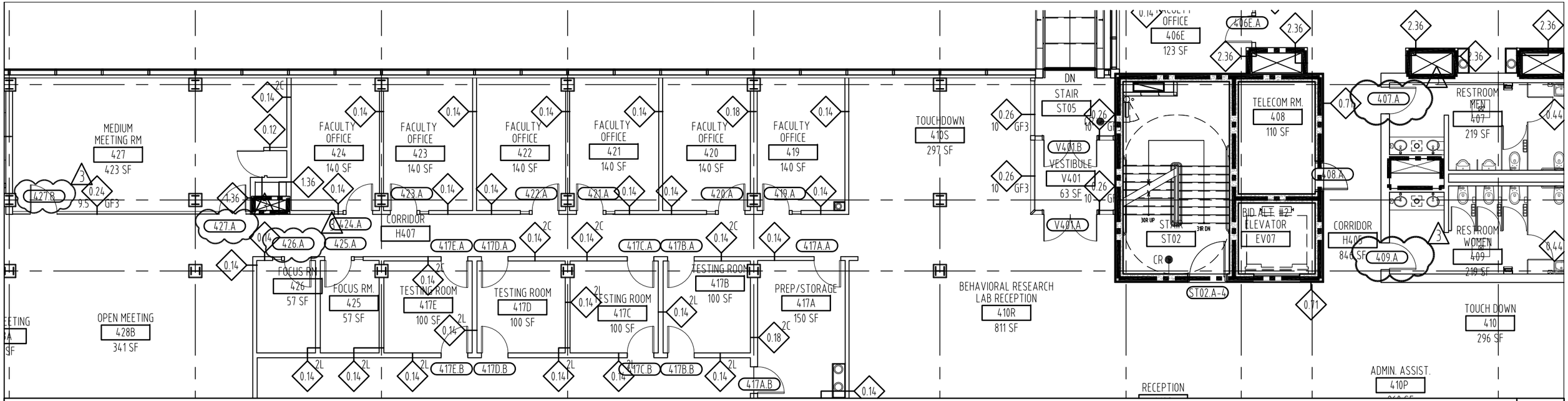
3 2012.06.22

ENLARGED FLOOR PLAN - LEVEL 3 - ROOM TAG, DOOR TAG REVISIONS
REF. DWG #A1130A, A1130C

SHEET TITLE :

SCALE :
3/32" = 1'-0"

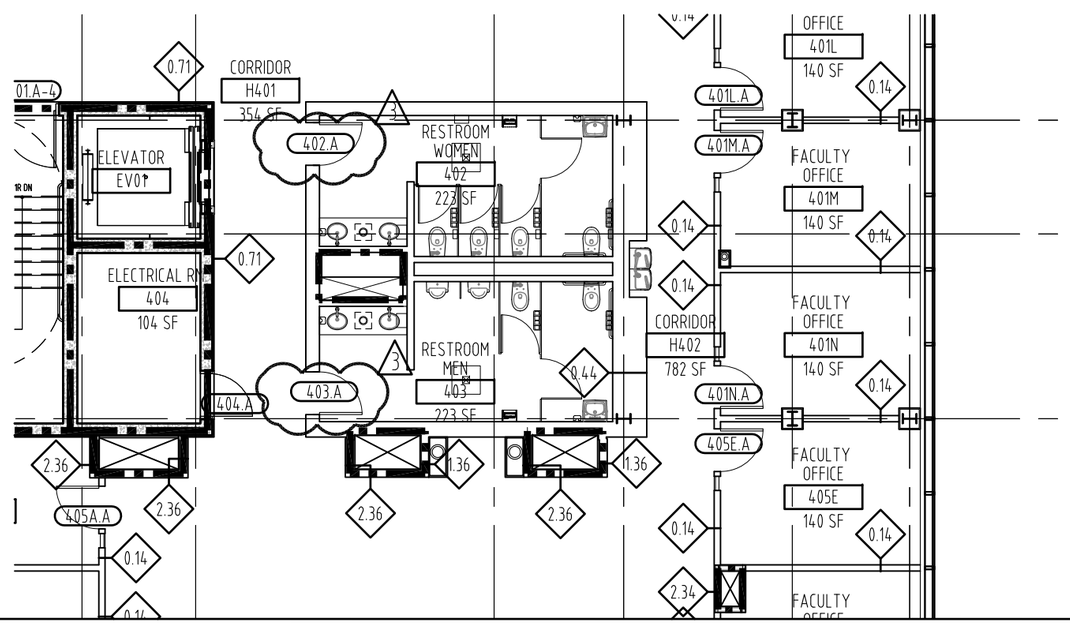
SHEET NUMBER :
A-SK-055



FLOOR PLAN LEVEL 4 DWG# A1140B

SCALE : 3/32" = 1'-0"

01



FLOOR PLAN LEVEL 4 DWG# A1140A

SCALE : 3/32" = 1'-0"

02

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

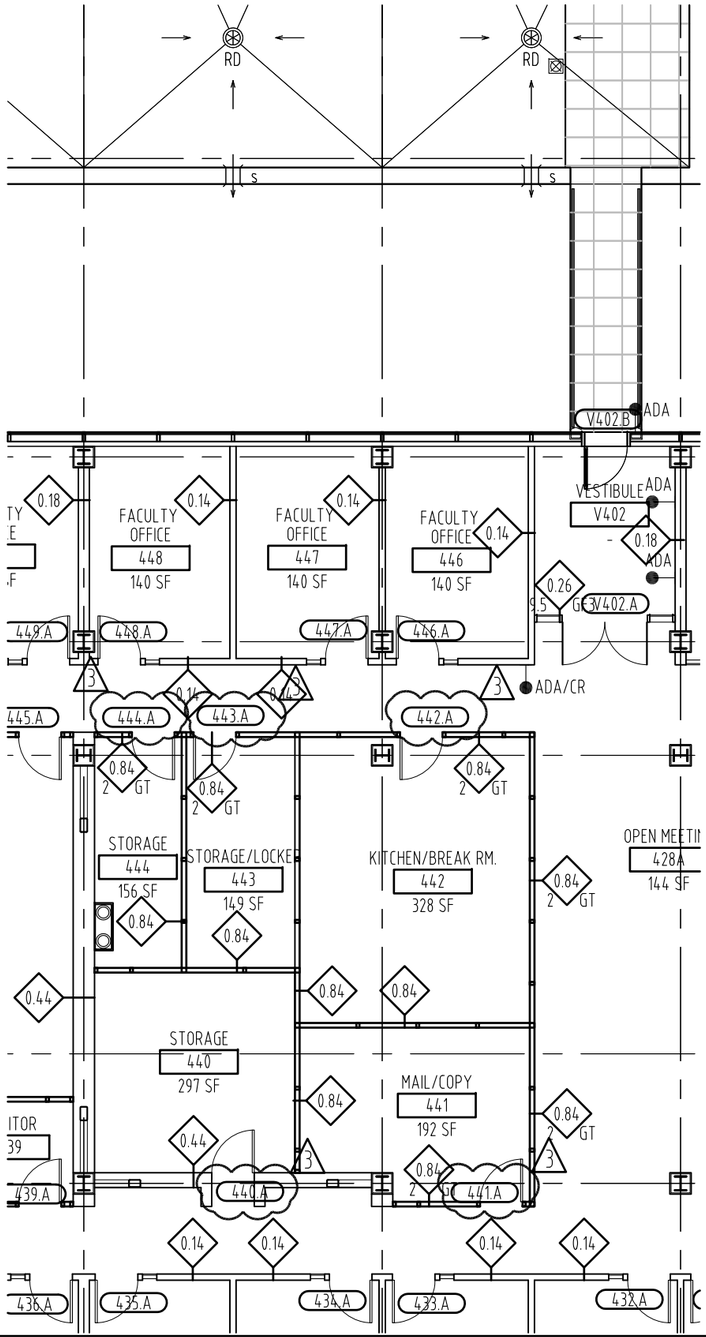
3 2012.06.22

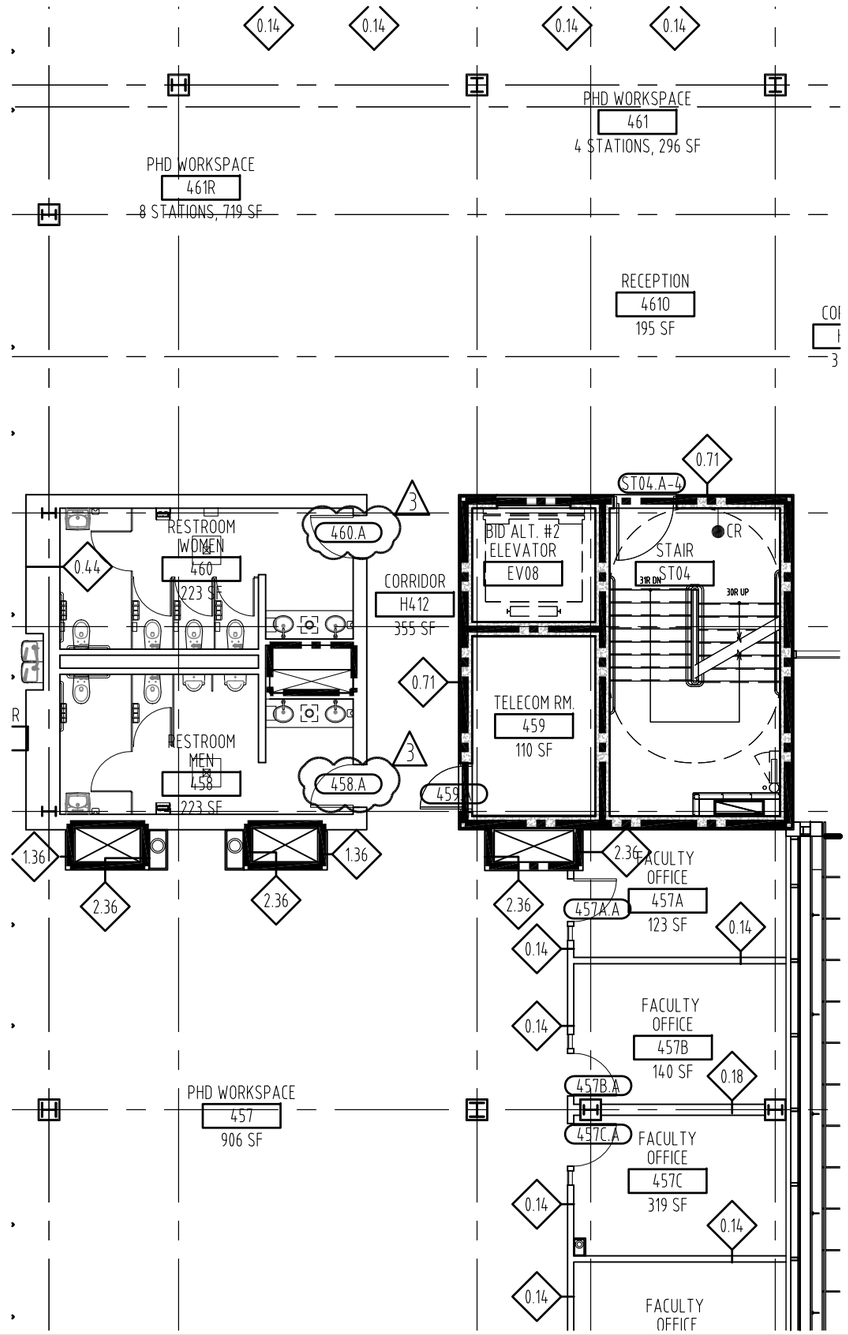
ENLARGED FLOOR PLAN - LEVEL 4 - ROOM TAG, DOOR TAG REVISIONS
REF. DWG #A1140A, A1140B

SHEET TITLE :

SCALE :
3/32" = 1'-0"

SHEET NUMBER :
A-SK-056





FLOOR PLAN LEVEL 4 DWG#A1140C — SCALE : 3/32" = 1'-0" — 01

FLOOR PLAN LEVEL 4 DWG#A1140D — SCALE : 3/32" = 1'-0" — 02

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

3 2012.06.22

ENLARGED FLOOR PLAN - LEVEL 4 - ROOM TAG, DOOR TAG REVISIONS
REF. DWG #A1140C, A1140D

SHEET TITLE :

SCALE :
3/32" = 1'-0"

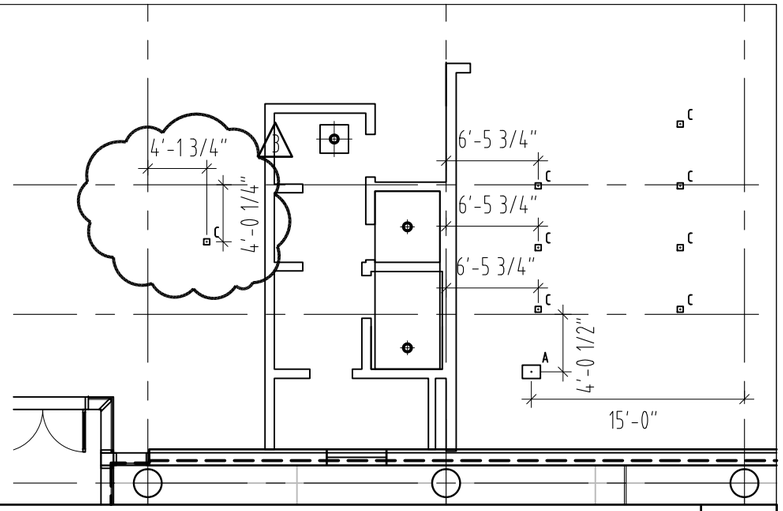
SHEET NUMBER :
A-SK-057

FLOORBOX TYPE LEGEND AND KEY TO DETAILS

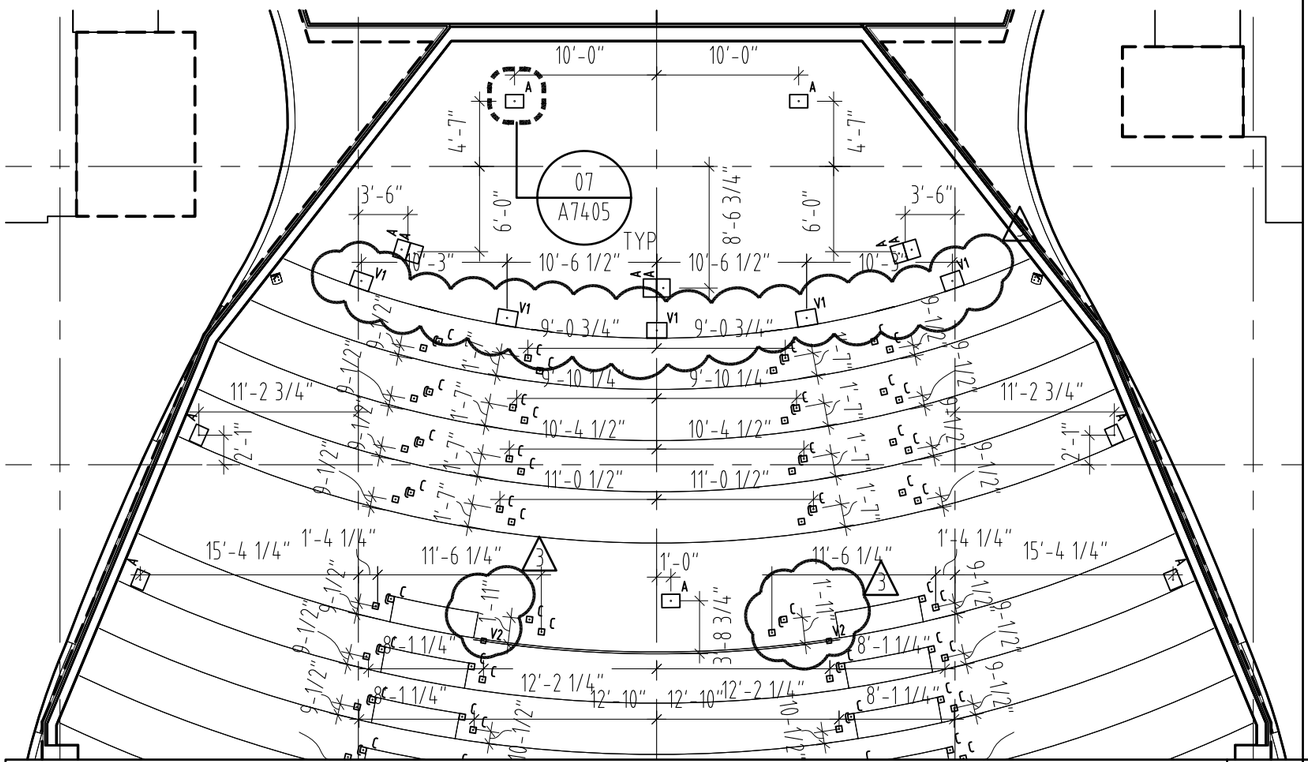
A — WORK POINT, TYP AV FLOORBOX SEE DETAIL 4/A7405 OR 5/A7405 MODEL: LEGRAND, WIREMOLD EFB8 SERIES	B(s) 4" POWER + DATA POKE THROUGH SEE DETAIL 2/A7405 MODEL: LEGRAND, WIREMOLD RC SERIES	C — B(t) — B — WORK POINT 4" DATA + 4" POWER POKE THROUGH SEE DETAIL 1/A7405 MODEL: LEGRAND, WIREMOLD RC SERIES	V1 5-5/8"H x 16-7/8"W x 13-3/16"D BACKBOX FOR AV SPEAKER IN VERTICAL STAGE WALL - TYP OF 5 SEE DETAIL 5/A7404
B 4" POWER POKE THROUGH SEE DETAIL 2/A7405 MODEL: LEGRAND, WIREMOLD RC SERIES	D 6" DATA POKE THROUGH SEE DETAIL 3/A7405 MODEL: LEGRAND, WIREMOLD 6AT SERIES	D — C — B — WORK POINT 6" DATA + 4" POWER POKE THROUGH SEE DETAIL 1/A7405 MODEL: LEGRAND, WIREMOLD RC + 6AT SERIES	V2 AV BACKBOX IN VERTICAL STEP - TYP OF 2 SEE DETAIL 1/A7017
B(t) 4" DATA POKE THROUGH SEE DETAIL 2/A7405 MODEL: LEGRAND, WIREMOLD RC SERIES	C POWER BOX - SLAB ON GRADE SEE DETAIL 2/A7405 MODEL: THOMAS & BETTS 68D		

FLOORBOX LAYOUT GENERAL NOTES:

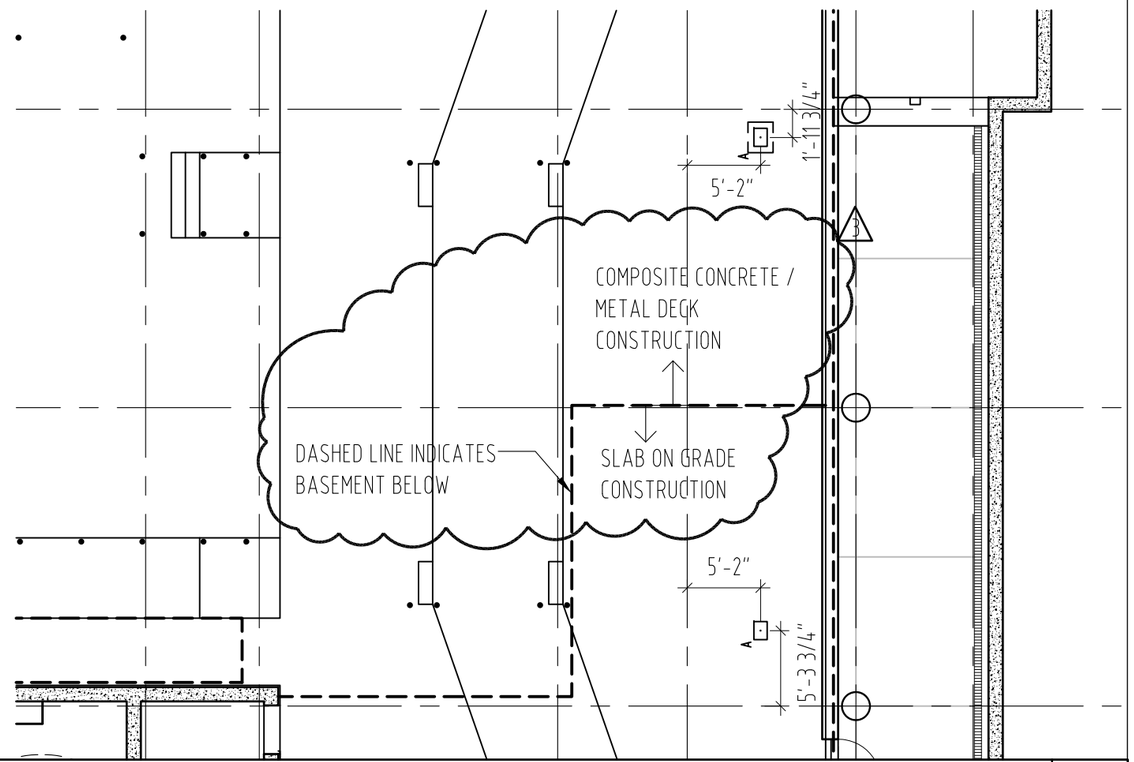
1. FOR DETAILS, SPECIFICATIONS AND ADDITIONAL INFORMATION, SEE AV, ELECTRICAL, AND TELECOM DRAWINGS.
2. ALL DIMENSIONS ARE FROM GRID LINES TO CENTERLINES OF FLOOR BOXES. SEE DETAILS FOR BOX OR BLOCK-OUT SIZES.
3. FLOOR BOX PENETRATIONS IN CONCRETE/ METAL DECK SHALL NOT CONFLICT W/ STRUCTURAL BEAM OR REINFORCING. REFER TO A705 AND STRUCTURAL DRAWINGS.
4. ALL LOOSE FURNITURE IS PART OF A FUTURE BID PACKAGE.
5. ALL FLOORBOXES/BACKBOXES ARE TO BE PROVIDED BY BP3 CONTRACTOR AND ARE PLACED INTO BP2 CONCRETE SLABS



FLOORBOX LAYOUT PLAN - A1810 — 02
SCALE : 3/32" = 1'-0"



FLOORBOX LAYOUT PLAN - A1810 — 03
SCALE : 3/32" = 1'-0"



FLOORBOX LAYOUT PLAN - A1810 — 01
SCALE : 3/32" = 1'-0"

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

3 2012.06.22

FLOORBOX LAYOUT PLAN - LEVEL 01
REF. DWG #A1810

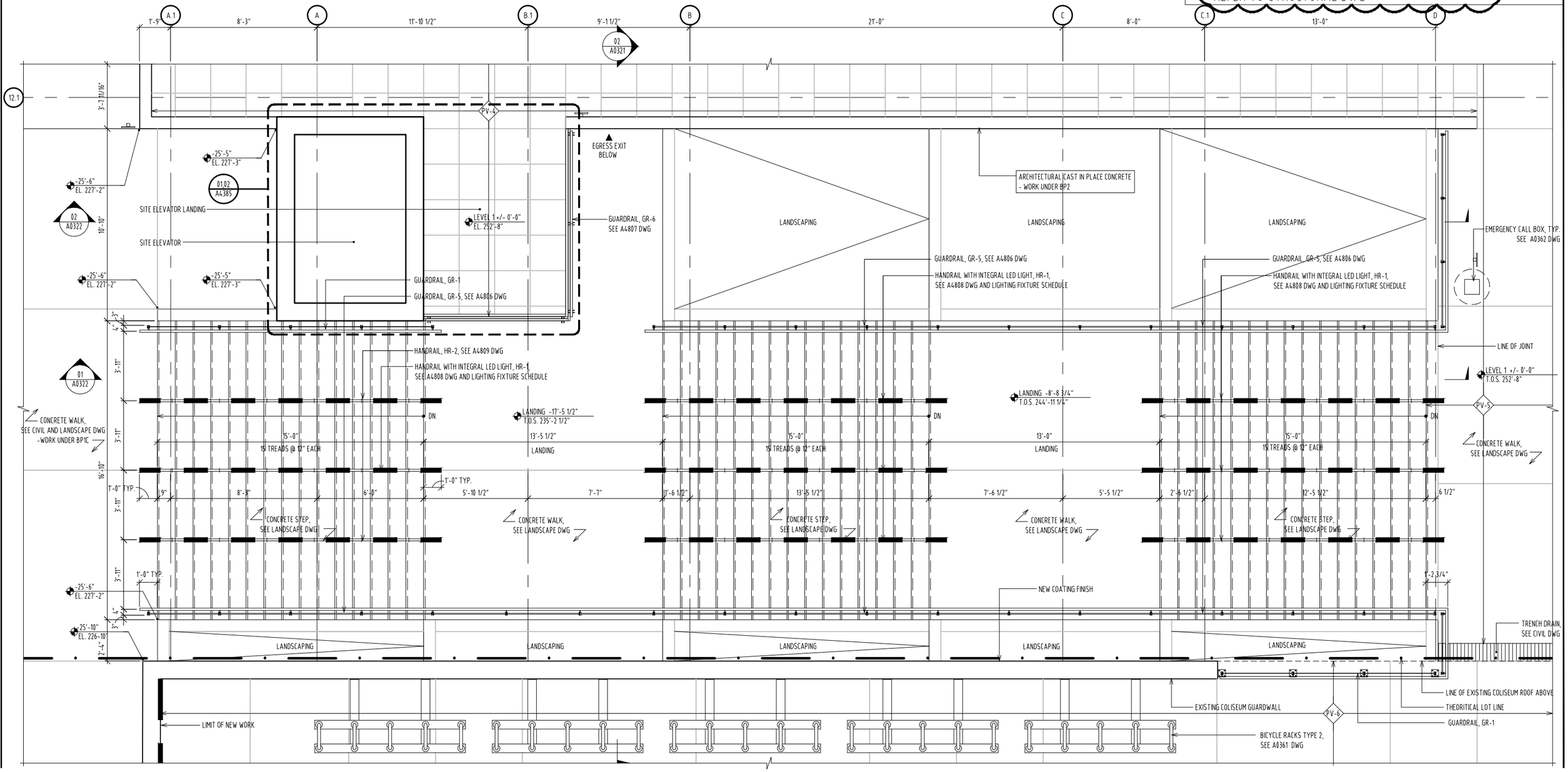
SHEET TITLE :

SCALE :
3/32" = 1'-0"

SHEET NUMBER :
A-SK-058

-GENERAL NOTE
1) FOR PAVER LEGEND, REFER TO A0303 SERIES DWG
2) FOR PLANTING AND LANDSCAPE DETAIL INFORMATION, REFER TO LANDSCAPE DWG
3) FOR STAIR AND PLANTER STRUCTURAL INFORMATION, REFER TO STRUCTURAL DWG

3



MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

3 2012.06.22

ENLARGED PLAN -SITE STAIR 1 AT PARK STREET
REF. DWG # A0321 & A0322

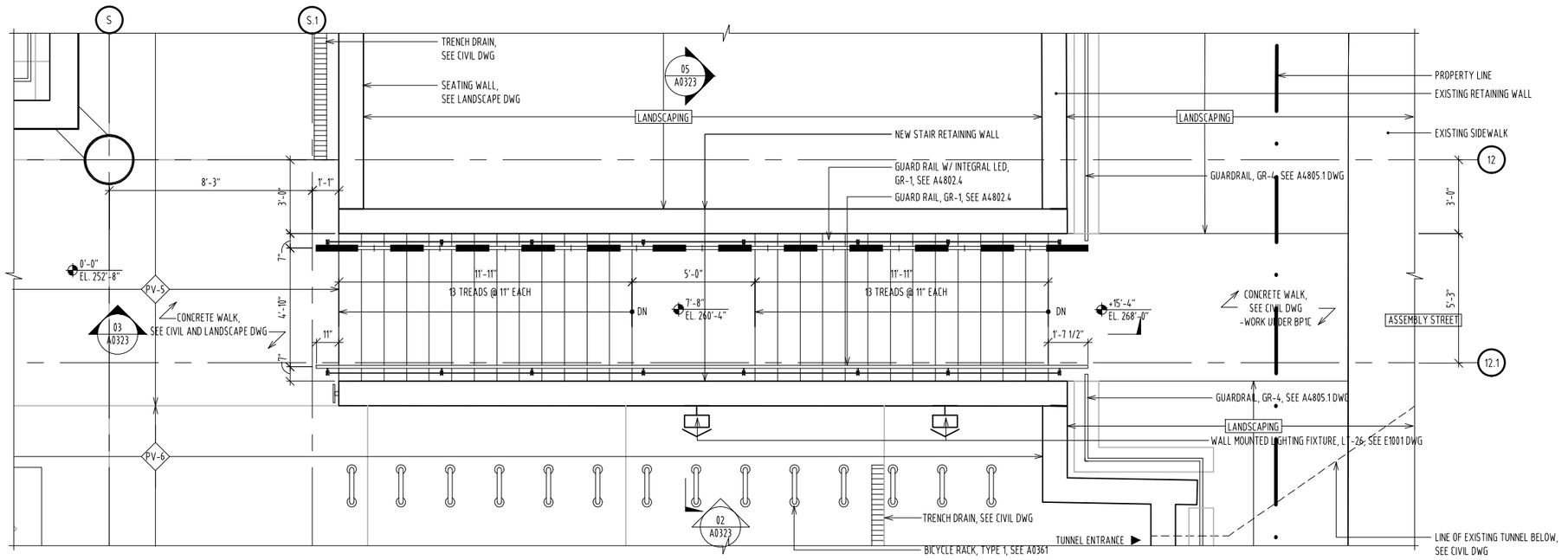
SHEET TITLE :

SCALE :
3/16" = 1'-0"

SHEET NUMBER :
A-SK-059

-GENERAL NOTE
1) FOR PAVER LEGEND, REFER TO A0303 SERIES DWG
2) FOR PLANTING AND LANDSCAPE DETAIL INFORMATION, REFER TO LANDSCAPE DWG
3) FOR STAIR AND PLANTER STRUCTURAL INFORMATION, REFER TO STRUCTURAL DWG

3



MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

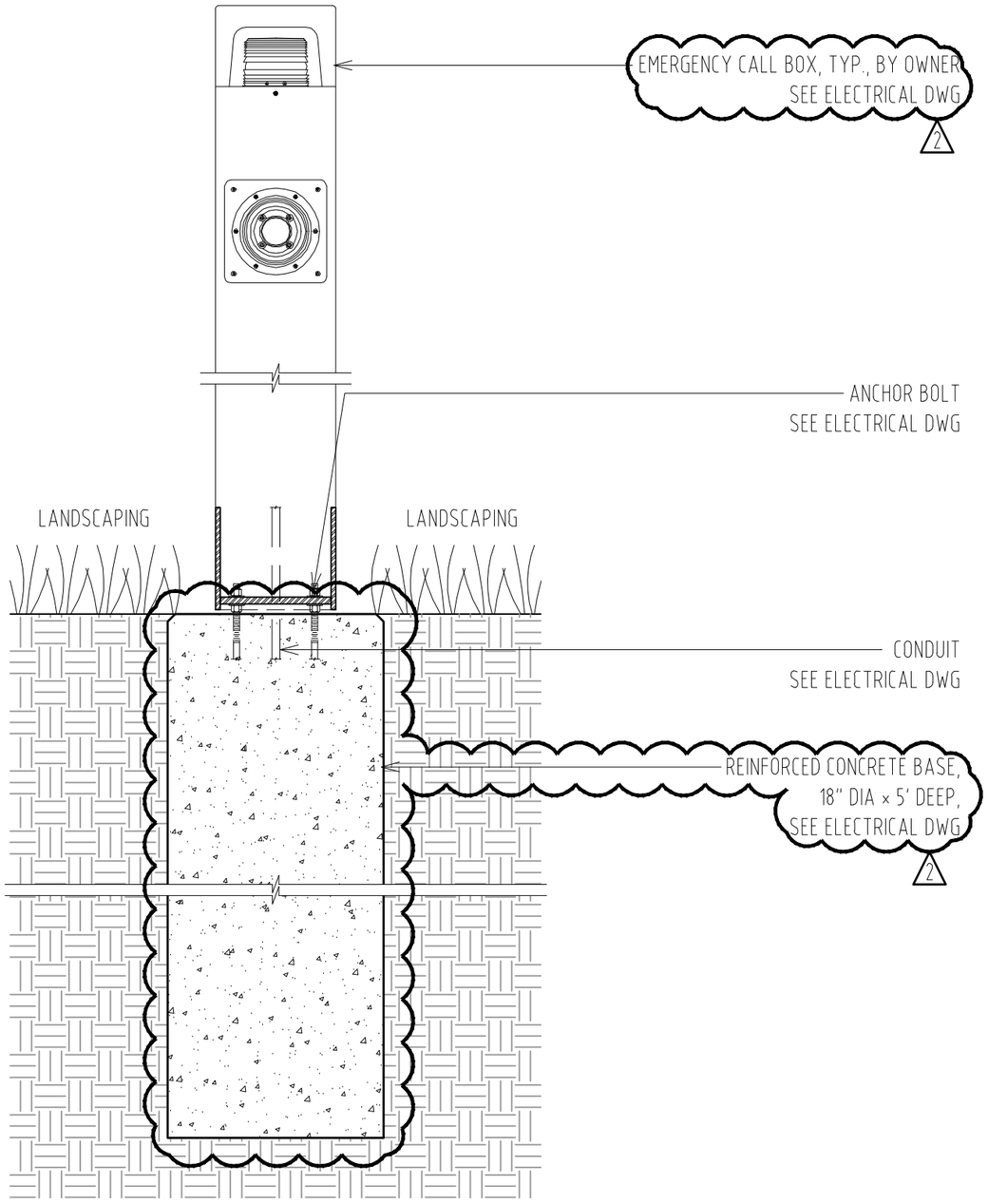
3 2012.06.22

ENLARGED PLAN -SITE STAIR 2 AT ASSEMBLY STREET
REF. DWG # A0323.0

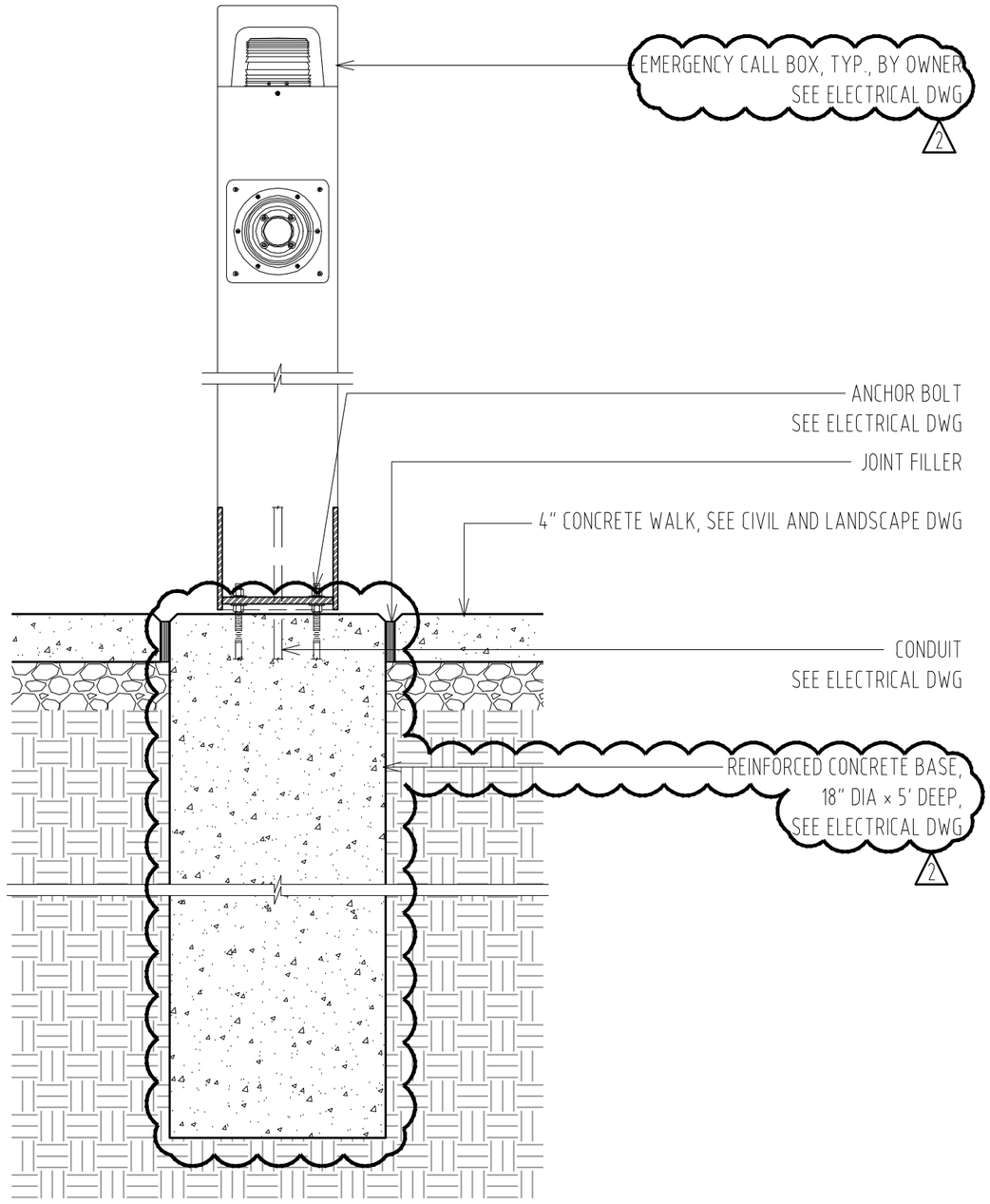
SHEET TITLE :

SCALE :
3/16" = 1'-0"

SHEET NUMBER :
A-SK-060



EMERGENCY CALL BOX SECTION AT LANDSCAPING
SCALE 1" = 1'-0"
02



EMERGENCY CALL BOX SECTION AT CONCRETE WALK
SCALE 1" = 1'-0"
01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

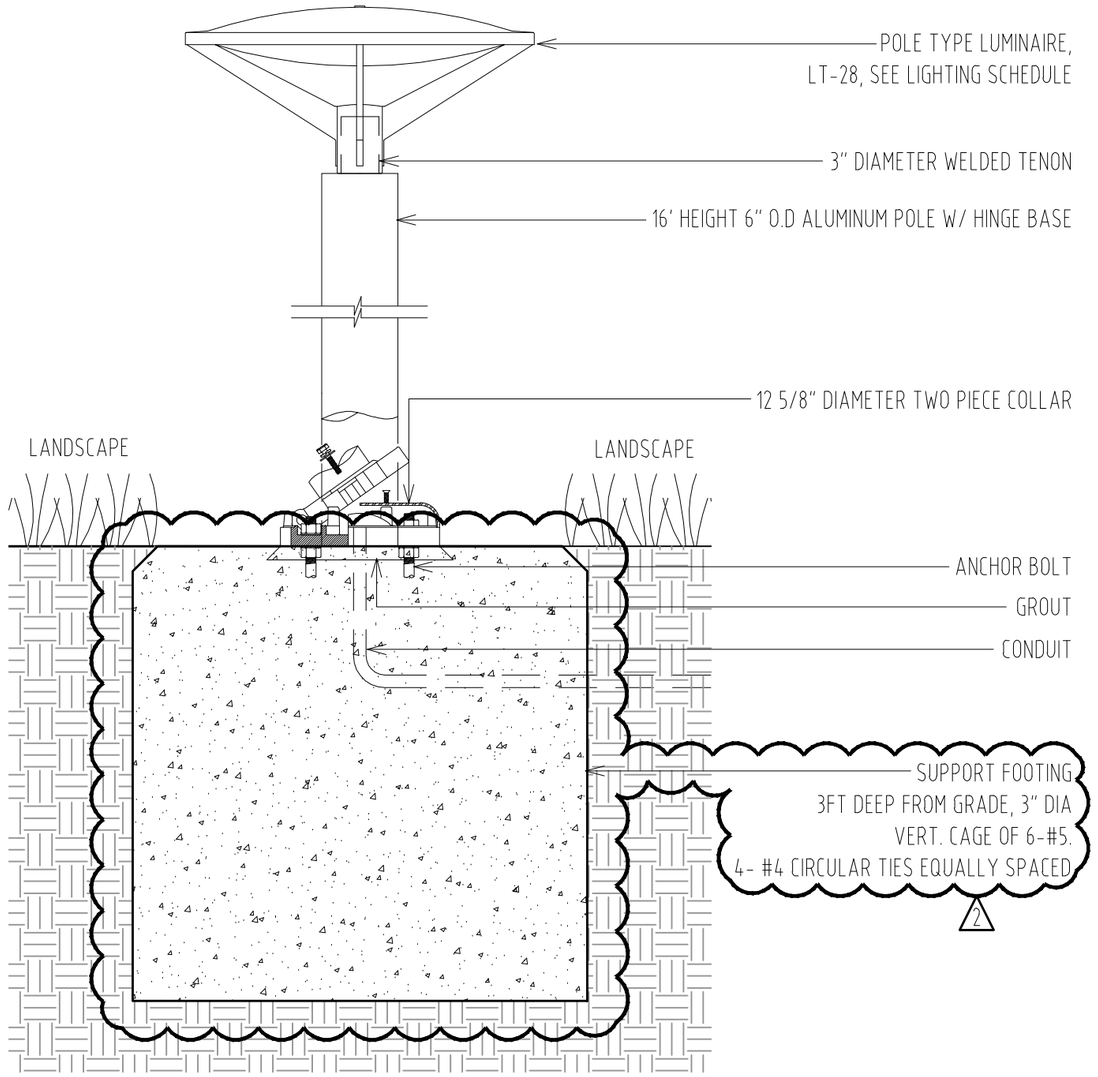
2 2012.06.22

SHEET TITLE :

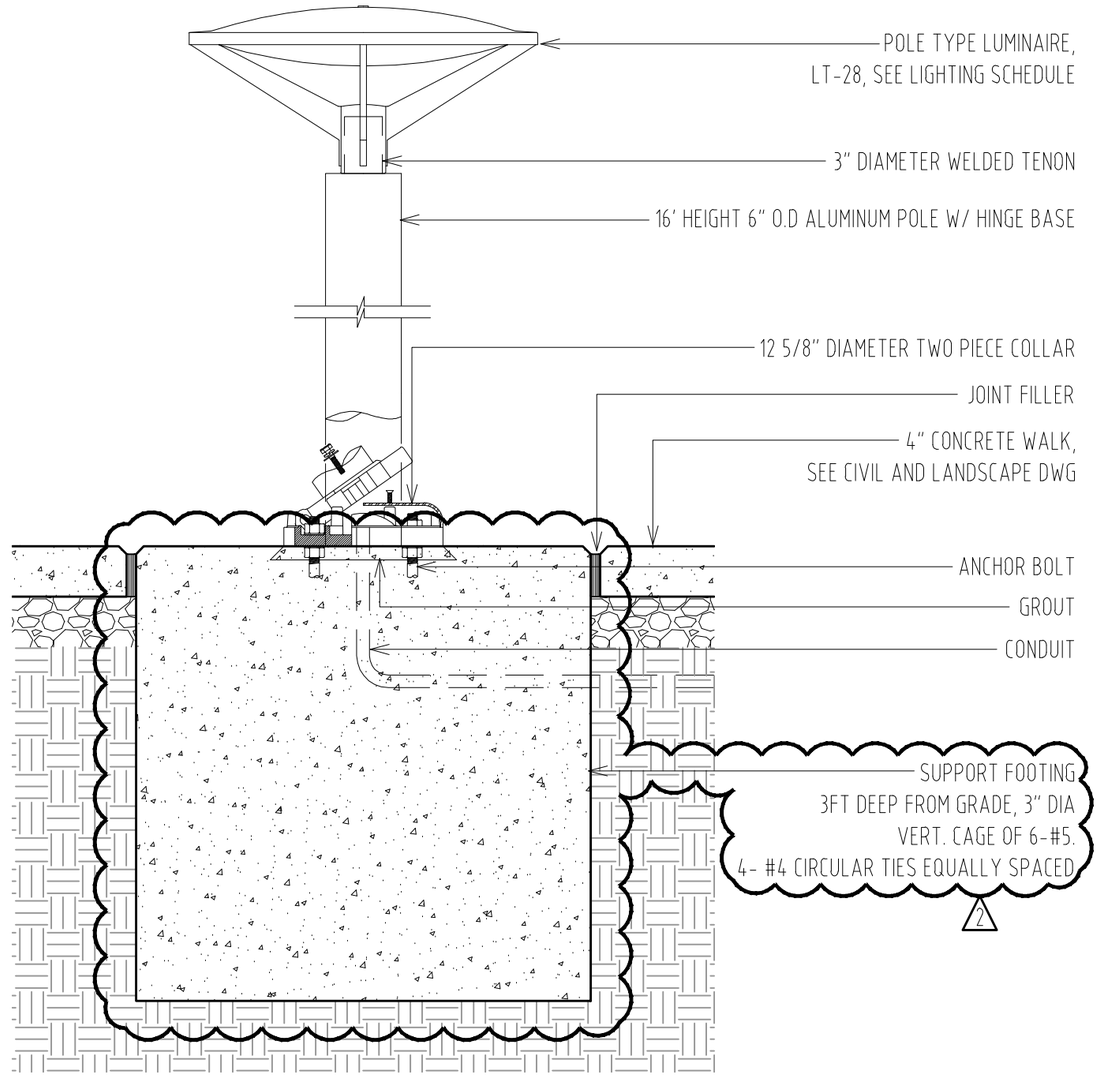
EMERGENCY CALL BOX - DETAIL
REF. DWG # A0362

SCALE :
1" = 1'-0"

SHEET NUMBER :
A-SK-061



EXTERIOR PLE TY LIGHTING (LT-28) SECTION AT LANDSCAPING
SCALE 1" = 1'-0"
02



EXTERIOR PLE TY LIGHTING (LT-28) SECTION AT CONCRETE WALK
SCALE 1" = 1'-0"
01

MOORE SCHOOL OF BUSINESS
UNIVERSITY OF SOUTH CAROLINA
BID PACKAGE 3
ENCLOSURE/SITE/MEPFP/INTERIOR
ADDENDUM #003

PROJECT NO. 655.000

2 2012.06.22

EXTERIOR POLE LIGHTING - DETAIL
REF. DWG # A4921

SHEET TITLE :

SCALE :
1" = 1'-0"

SHEET NUMBER :
A-SK-062