

ECU Main Campus Student Union  
East Carolina University  
Greenville, North Carolina



**T. A. Loving/Barnhill, a Joint Venture**  
**Project Number 2000**  
**Addenda CM #5**

**SCO Project #11-09263-02A**  
**March 7, 2016**

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**Previous Addenda:**

1. Addenda CM #1-#4 were issued during the bidding process of bid package 3400S Sitework are applicable to all current bid packages. Addenda CM #1-#4 and this Addenda CM #5, with all associated attachments, are available on the T. A. Loving Plan Room.

**SECTION ONE – General Requirements and Conditions:**

1. RFI cut off is seven (7) days prior to the first bid date (March 22nd).

**SECTION TWO – Work Packages:**

1. 0300C-Combination 0300D and 0300U
  - a. Question: Please confirm that there isn't a specific Bid Package with a cost breakdown for 300C – Turnkey Concrete Combo.
    - i. Response: The breakdowns from 0300D and 0300U will be used for 300C.
2. 0300D-Turnkey Concrete
  - a. Question: Please clarify that the sitework contractor is backfilling from top of pile cap elevation to subgrade.
    - i. Response: Sitework contractor will backfill exterior piles
  - b. Question: Foundation Note F on DS001 states the following: Before placement of granular fill below SOG, entire surface shall be proof rolled and observed by testing agency for soft or unstable material. Remove unacceptable material and replace with approved granular fill. This is all to be done by the sitework contractor, correct?
    - i. Response: Yes

- c. Question: Please clarify if we are to include any site concrete in this scope of work. Specifically, exterior CIP slabs and areaway slab shown on D-S-102, stairs shown in Detail 1, 2/D-S-530, and any of the concrete work on the structural site plans U-S950-U-S958.
  - i. Response: Yes
- d. Question: Scope item 14: Only MEP pads shown on our slabs on grade and elevated slabs are to be included?
  - i. Response: Yes
- e. Question: Any MEP pads shown on the exterior paving/ exterior CIP slab, such as the equipment yard is by others?
  - i. Response: Yes
- f. Question: Clarify that the expansion joint assemblies as shown in 9/D-S-511 are by others.
  - i. Response: Yes, Specialties 01000A
- g. Question: The "Pile Caps and Grade Beams" line item is missing from the Parking Deck portion of the Schedule. Please revise and reissue to show them.
  - i. Response: The installation will lag behind task Auger Pile start date by (7) days.
- h. Question: Is bracing of walls, if needed, by others?
  - i. Response: Bracing is the responsibility of this contractor
- i. Question: Will a concrete curing box be provided by the GC?
  - i. Response: No, it will be provided by a third party testing agency.
- j. Question: Concrete joint sealant, water repellants, epoxy crack injection, etc.... for crack repairs are by others, correct?
  - i. Response: The only item that applies to you would be epoxy crack injection if you have cracks that need repair vs reworking. Please provide a \$10,000 allowance to cover the potential cost of this item.
- k. Question: All concrete sealants, backer rods, and similar are anticipated to be by others.
  - i. Response: Yes
- l. Question: Dovetail is anticipated to be supplied by others and installed by the concrete scope?
  - i. Response: Yes
- m. Question: How do you want to handle weather protection? An allowance may be best for this project.
  - i. Response: It is the subs responsibility to include all costs for weather protection and means and methods.

- n. Question: CM Addendum #2 includes a C2.1 sheet that shows shoring and soil sloping in the Parking Deck. Can you provide the shoring drawings for this area? Will it be a one sided wall where the shoring is shown?
  - i. Response: Shoring of soils and sloping has not been finalized at this point. Once finalized, it will be coordinated with the site contractor and 0300D. Please include forming of both sides of the foundation walls as your base bid.
- o. Question: Regarding Scope Item 28: Please clarify that you want this bid package to “include” 2 extra months of tower crane duration in the base bid. How many hours/week should be included with this item?
  - i. Response: This subcontractor is to include (2) extra months of tower crane duration. A standard work week is 40 hrs. If overtime is needed it will be the responsibility of the contractor needing the hoisting to cover this cost.
- p. Question: Please clarify that scope item 33 is not applicable for the Parking Deck since the stairs are metal pan.
  - i. Response: The installation of metal stairs and the required stair survey will be by Bid Package 0500RDS.
- q. Question: Bollards are not specifically included in the scope of work. It is anticipated they are provided by others. Would you like this package to install them?
  - i. Response: All bollards shown on the drawings will be provided by Bid Packages 0500U and 0500RDS as applicable. Bid Packages 0300U and 0300D will be responsible for the installation of all bollards in or adjacent to each structure.
- r. Question: Why does the Sitework Scope now omit backfilling and Geofoam for the Basement at the Parking Deck?
  - i. The Sitework Bid Package 03400S will be responsible for backfilling the Basement and the installation of Geofoam.
- s. Question: Please confirm that Bid Package 03400S has all the mass excavation and all the mass backfill/stone/geofoam/fill from top of the pile cap up to the subgrade elevation inside and outside the building.
  - i. Response: Yes. Any casual backfilling to install this scope of work is by Bid Package 0300D.

- t. Question: With regards to the (2) months of addition crane with operator that is to be included after the completion of the concrete structure, please confirm how the “completion of the concrete structure will be identified”.
  - i. Response: When all work of Bid Package 0300D is complete and associated materials and equipment have been removed/hoisted from the structure is the start of the (2) month time frame.
- u. Question: Please confirm which package is responsible for providing the Expansion Joints shown on 7/D-S-531 and 9/D-S-11.
  - i. Response: They will be provided and installed by Bid Package 1000A Specialties, Furnishing and Equipment. This is to be coordinated by 0300D for block-out sizes.
- v. Question: Which scope package is responsible for furnish and and installing the under slab drainage piping system within the stone sub-base (C2.4 and D-S-100) for example?
  - i. Response: Bid Package 2200R-Plumbing and 2200UD-Plumbing
- w. Question: Bid form includes 500 cu yd allowance for replacing unsuitable soils with off-site material. What package owns this?
  - i. Response: Bid Package 3400S
- x. Question: Will the turnkey concrete package be required to have two full-time safety officers?
  - i. Response: No. One full-time safety officer is required after 25 workers are on-site for each contractor.
- y. Question: Please confirm how the extended maintenance service contract is applicable to the concrete packages.
  - i. Response: An instance where this applies to this package could not be located.
- z. Question: The Corrosion Inhibiting Admixture specified to be included at a rate of 3 gal/cu yd is required for what specific elements?
  - i. Response: Spec section 03 45 00D and 03 30 00D define the locations where steel is used.
- aa. Question: Do we need ½” sand over granular fill per specs:
  - i. Response: Yes

- bb. Question: A drawing is needed to show the scope limits for Concrete vs Sitework Packages. The following locations need clarifications.
- i. Response: Foundation drains: Bid Package 3400S
  - ii. Response: Trench drains: Bid Package 2200UD
  - iii. Response: Slab on grade and pads for equipment: Bid Package 3400S
  - iv. Response: Basement slab on grade between K and J lines west of line 1: Bid Package 0300D
  - v. Response: Planter footing south of J line per 4/D-S-503: Bid Package 0300D
  - vi. Response: Framed slab south of J line from grid 11 to 13 per 8/D-S-504: Bid Package 0300D
  - vii. Response: Topping over framed slab south of J line from grid 11 to 13 per 8/D-S-504: Bid Package 0300D
  - viii. Response: East and north exterior stairs on grade per 1 & 2/D-S-530. Bid Package 03400S
  - ix. Response: Planter screen wall footing and ramp east of column line 13 per D-A04.01, 1/D-A70.92, and B5/D-A70.91. Bid Package 0300D
  - x. Response: Footings, walls and framed slab for planters and benches per D-A04-01 north of column line M and per C3/D-A70.11 (see A1 and A2/D-A12.04). To go in prior to slab on grade. Bid Package 0300D
  - xi. Response: Footings, slab, and wall outside service yard per D-A04.01 and 1/D-A70.41. Bid Package 0300D
- cc. Question: Confirm slab on grade thickness – D-S-102 notes call for 5” slab on grade and 1/D-S0504 calls for 6”.
- i. Response: Follow the isometric detail in the top right corner of those sheets. There are different levels identified and each have different slab thickness requirements.
- dd. Question: Confirm stone subbase – 4” per notes on D-S0102 or 6” per U-A00.32?
- i. Response: The stone subbase thickness varies depending on location. The details are applicable for each specific building location.
- ee. Question: Confirm the count of block outs in the beams per 6/D-S-610.
- i. Response: The count will be finalized during the submittal process at no additional cost.
- ff. Question: Confirm the precast embed count.
- i. Response: The count is to be determined by this contractor.
- gg. Question: Please confirm bollards at elevated slabs are installed by others.
- i. Response: This contractor will install all bollards supplied by Bid Package 0500RDS.

- hh. Question: Is there a topping required for the entry islands per 1/D-AG401 and who owns the (12) bollards there?
  - i. Response: Yes. Bollards are installed by this contractor and supplied by Bid Package 0500RDS.
- ii. Question: Can you provide an anchor bolt – base plate count?
  - i. Response: This contractor will be responsible for all quantities.
- jj. Question: Please confirm who is responsible for topping and non-shrink grout installation over precast shown per (1,2,3,4,13)/D-S-531.
  - i. Response: It will be provided by Bid Package 0395DR
- kk. Question: What is the thickness of the mud slab that is under the basement slab on grade per U-A00.32.
  - i. Response: 3 inches
- ll. Question: What is the thickness of the rigid insulation per 5/D-S-420 and who owns it?
  - i. Response: Bid Package 0700RD
- mm. Question: Can the foundation and stair survey be done by internal field engineers?
  - i. Response: No, it must be done by a licensed 3<sup>rd</sup> party.
- nn. Question: Please provide the start date for the Pile Caps on the Parking Garage.
  - i. Response: The start date is August 25, 2016.
- oo. Question: Will the General Trades Package include temporary stair towers for the Garage as well for the Student Union?
  - i. Response: There will not be temporary stairs installed at the Garage.
- pp. Question: Where are the elevated cast in place seat risers mentioned in scope item #5?
  - i. Response: All benches as shown on drawings.

### 3. 0300U-Turnkey Concrete

- a. Question: Which scope package is responsible for furnish and installing the under slab drainage piping system within the stone sub-base (C2.4 and D-S-100) for example?
  - i. Response: Bid Package 2200R-Plumbing and 2200UD-Plumbing
- b. Question: Bid form includes 500 cu yd allowance for replacing unsuitable soils with off-site material. What package owns this?
  - i. Response: Bid Package 3400S

- c. Question: Will the turnkey concrete package be required to have two full-time safety officers?
    - i. Response: No. One full-time safety officer is required after 25 workers are on-site for each contractor.
  - d. Question: Please confirm how the extended maintenance service contract is applicable to the concrete packages.
    - i. Response: An instance where this applies to this package could not be located.
4. 0500RDS-Structural & Misc. Steel
- a. Question: Drawing R-A11.60 Details C3/C4 points to the angle door frame and angle lintel as being galvanized & painted w/ high performance paint. Similar conditions occur at parking deck. Does the galvanized material require any special treatment as supplied by the steel fabricator before the high performance paint is applied by others in the field?
    - i. Response: No
  - b. Question: Drawing R-A11.70 and similar conditions at the Student Union & Parking Deck. Please confirm the neoprene spacer to isolate dissimilar metals is to be provided in Bid Package 0750U?
    - i. Response: Yes
  - c. Question: Bid Package 0500RDS Item 16 Reads provide & install all pipe bollards shown. Bollards set in concrete are normally furnished only to the concrete contractor for installation. Is that going to be the case for this project?
    - i. Response: Yes, supply only.
5. 0500U-Structural & Misc. Steel
- a. Question: Counter top supports such as shown in details B/B2/B4 on U-A10.52 and similar are provided by Bid Package 0640A correct?
    - i. Response: Correct and installed by 0640A.
  - b. Question: Ballroom diffuser perforated panel & frame w/ pin style hinge details A4/C/D2/U-A10.53 and the panels on drawing U-a10.54 are provided in Bid Package 0640A?
    - i. Response: Correct
  - c. Question: Drawing U-A10.56 shows a tube frame for supporting the WPG-1 members. This is all a single unit provided by Bid Package 0640A correct?
    - i. Response: Detail 4/U-S319 shows the HSS beams that are to be provided by this package (500U).

- d. Question: Does the catwalk on drawing U-A11.30 detail A4 receive standard shop primer?
  - i. Yes, per specification 05 12 00 2.7
- e. Question: Reference drawing U-A11.28 detail A3 and all similar conditions. Notes pointing to the steel members read in part “intumescent coating & finish w/ high performance coating”. The high performance coating requires SSPC-SP6 blast cleaning before the primer coat is applied. Intumescent paint requires a clean surface on raw steel as noted in Bid Package 0725A Fire Proofing item 11. Is the intumescent coating to be the primer with the intermediate & finish coats of high performance paint done in the field or will the high performance primer be a shop coat with the final coats in the field finished with the intumescent coating?
  - i. Ship the steel that is to receive the intumescent coating bare.
- f. Question: Does the catwalk on drawing U-A11.30 detail A4 receive standard shop primer?
  - i. Yes, per specification 05 12 00 2.7
- g. Question: Reference drawing U-A11.28 detail A3 and all similar conditions. Notes pointing to the steel members read in part “intumescent coating & finish w/ high performance coating”. The high performance coating requires SSPC-SP6 blast cleaning before the primer coat is applied. Intumescent paint requires a clean surface on raw steel as noted in Bid Package 0725A Fire Proofing item 11. Is the intumescent coating to be the primer with the intermediate & finish coats of high performance paint done in the field or will the high performance primer be a shop coat with the final coats in the field finished with the intumescent coating?
  - i. Ship the steel that is to receive the intumescent coating bare.

#### 0500RDS-Structural & Misc. Steel

- a. Question: Drawing R-A11.60 Details C3/C4 points to the angle door frame and angle lintel as being galvanized & painted w/ high performance paint. Similar conditions occur at parking deck. Does the galvanized material require any special treatment as supplied by the steel fabricator before the high performance paint is applied by others in the field?
  - i. Response: No
- b. Question: Drawing R-A11.70 and similar conditions at the Student Union & Parking Deck. Please confirm the neoprene spacer to isolate dissimilar metals is to be provided in Bid Package 0750U?
  - i. Response: Yes



- c. Question: Bid Package 0500RDS Item 16 Reads provide & install all pipe bollards shown. Bollards set in concrete are normally furnished only to the concrete contractor for installation. Is that going to be the case for this project?
  - i. Response: Yes, supply only.

## 2. 0700RD-Roofing

- a. Question: Need exterior sheathing at Parapet Clarification.
  - i. Response: Bid package 0700RD responsible for all sheathing required under roof, under roof side of parapet and top of parapet walls. Bid package 0925A will be installing all sheathing on the exterior plan of walls only.
- b. Question: Please clarify which bid package is to include the perforated metal wall panels on SW263 screen walls at the parking garage as noted on drawings D-A11.02, D-A70.41 through 44 and D-A70.61 through 63. Please clarify which bid package is to include the metal wall panels and framing on the regional plant.
  - i. Response: Bid Package 0750DRS

## 3. 0700U-Roofing

- a. Question: Need Exterior Sheathing at Parapet Clarification
  - i. Response: Bid package 0700U responsible for all sheathing required under roof, under roof side of parapet and top of parapet walls. Bid package 0925A will be installing all sheathing on the exterior plan of walls only.
- b. Question: Reference SF700/A construction on U-A00.32 versus details B2, D2 and D5/U-A11.60: Details on U-A11.06 imply that this soffit assembly is to be installed from suspended framing whereas the SF700 assembly implies a rigid support structure (as shown in details B2 and D2/U-A11.60 outside the building envelope).
  - i. Response: 0925A has these supports. 0700U starts with Hat channels

## 4. 0640A-Finish Carpentry and Millwork

- a. Question: LO1 Grill West-Elevation D3/U-A10.11 and Section C4/U-A10.53  
Is this complete casework unit being provided by the FSE supplier or just the under counter portion noted in the Section
  - i. Response: The food service provider will provide the entire serving line as shown

5. 0840U-Building Envelope Glass and Glazing
  - a. Question: Can you confirm who is responsible for spec sections 08 44 63U (Fire-Rated Glazed Steel Curtain Walls)
    - i. Response: Both packages 0840U and 0841U as applicable
  - b. Question: Who provides integral Sunshades?
    - i. Response: This bid package is responsible for integral sunshades only. BP 1000A has all bolt on sun control devices.
  
6. 0841U-Interior Glass and Glazing
  - a. Question: Can you confirm who is responsible for spec sections 08 44 63U (Fire-Rated Glazed Steel Curtain Walls)
    - i. Response: Both packages 0840U and 0841U as applicable
  - b. Question: Who is to provide the Glass for the Ornamental railings that are in the BP 0500U?
    - i. Response: This Package (0841U)
  - c. Question: Who provides sneeze guards in the Food service areas
    - i. Response: These are provided by the Food Service Equipment 1140U
  
7. 2300S-Underground Mechanical Piping
  - a. Question: What are we to assume for the connection points for the site chilled water, high pressure steam, and steam condensate? It's not clearly defined on drawing U-M02.0BE1, or in the scope of work.
    - i. Response: It is shown in the drawings and references details 3 and 4 RM05.03 for chilled water and R-M05.01 shows the HPS connections. Site Utility Contractor to install into the building as shown, terminate with flange and properly test.

**SECTION THREE - Attachments:**

1. PW Addenda #01 March 2, 2016 inclusive of revised drawings, specs, and RFI responses
2. PW Addenda #02 March 4, 2016 inclusive of revised drawings, specs, and RFI responses

Any questions regarding the contract drawings, specifications or any bid documents should be sent to Scott Wynne, T. A. Loving Company by fax or e-mail. (fax - (919) 731-7538, e-mail - swynne@taloving.com). All communications should be directed to T. A. Loving/Barnhill. No communications should be directed to the architect or engineer without prior approval from T. A. Loving/Barnhill.

End T. A. Loving/Barnhill Addenda CM #5

**ADDENDA #01**

To:	Bradley Makepeace	Date:	March 2, 2015
From:	Daniel Pering	Project Name:	ECU Main Campus Student Union
Subject:	Addenda #01	Project Number:	820425.000
		Sent Via:	Electronic Mail

**Remarks:**

1.1 NOTICE TO BIDDERS

- A. This Addendum is issued [to all registered plan holders] pursuant to the [Instructions to Bidders] [and] [Conditions of the Contract]. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is **unchanged by this Addendum**, at same time and location.

1.2 ATTACHMENTS

- A. This Addendum includes attachments.
- B. This Addendum includes the following attached Documents and Specification Sections:
  - 1. Section **00 26 00G** – **Substitution Procedures During Bidding**, dated **2/22/2016**, reissued.
  - 2. Section **00 99 00G** - **Available Project Information**, dated **2/22/2016**, reissued.
  - 3. Section **01 22 00G** - **Unit Prices**, dated **2/22/2016**, reissued.
  - 4. Section **01 40 00G** - **Quality Requirements**, dated **2/22/2016**, reissued.
  - 5. Section **01 41 00G** - **Special Inspections**, dated **2/22/2016**, reissued.
  - 6. Section **01 74 19G** – **Construction Waste Management and Disposal**, dated **2/22/2016**, reissued.
  - 7. Section **33 47 00G** - **Foundation Drainage Pumping Station**, dated **2/22/2016**, new.
  - 8. Section **04 22 00U** - **Masonry Veneer**, dated **2/22/2016**, reissued.
  - 9. Section **05 40 00U** - **Cold Formed Metal Framing**, dated **2/22/2016**, reissued.
  - 10. Section **08 71 00U** - **Door Hardware**, dated **2/22/2016**, reissued.
  - 11. Section **09 70 00U** - **Engineered Illuminated Panels**, dated **2/22/2016**, reissued.
  - 12. Section **11 40 00U** – **Foodservice Equipment**, dated **2/22/2016**, reissued.
  - 13. Section **14 21 00U** - **Electric Traction Elevators**, dated **2/22/2016**, reissued.
  - 14. Section **23 11 14R** - **Exterior Fire Protection Services**, dated **2/22/2016**, reissued.

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15. Section **28 31 16R – Fire Alarm System**, dated **2/22/2016**, reissued.

C. This Addendum includes the following attached Sheets:

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1. Sheet **U-G00.12 Appendix B**, dated **2/22/2016**, reissued.
2. Sheet **U-G00.13 Level 0B LSC Area Plan**, dated **2/22/2016**, reissued.
3. Sheet **U-G00.15 Level 02 LSC Area Plan**, dated **2/22/2016**, reissued.
4. Sheet **C3.1 Utility Plan**, dated **2/22/2016**, reissued.
5. Sheet **C3.1A Utility Plan (Enlarged View-Water Main)**, dated **2/22/2016**, reissued.

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6. Sheet **U-A00.11 Typical Mounting Heights**, dated **2/22/2016**, reissued.
7. Sheet **U-A00.48 Interior Storefront Schedule**, dated **2/22/2016**, new.
8. Sheet **U-A00.49 Interior Storefront Schedule**, dated **2/22/2016**, new.
9. Sheet **U-A01.31 Mock-up Plan and Sections**, dated **2/22/2016**, removed.
10. Sheet **U-A03.05 Roof Overall Plan**, dated **2/22/2016**, reissued.
11. Sheet **U-A04.0BA Level 0B Floor Plan-A**, dated **2/22/2016**, reissued.
12. Sheet **U-A04.0BC Level 0B Floor Plan-C**, dated **2/22/2016**, reissued.
13. Sheet **U-A04.0BD Level 0B Floor Plan-D**, dated **2/22/2016**, reissued.
14. Sheet **U-A04.01A Level 1 Floor Plan-A**, dated **2/22/2016**, reissued.
15. Sheet **U-A04.01C Level 1 Floor Plan-C**, dated **2/22/2016**, reissued.
16. Sheet **U-A04.02A Level 02 Floor Plan-A**, dated **2/22/2016**, reissued.
17. Sheet **U-A04.02E Level 02 Floor Plan-E**, dated **2/22/2016**, reissued.
18. Sheet **U-A04.03A Level 03 Floor Plan-A**, dated **2/22/2016**, reissued.
19. Sheet **U-A04.03D Level 03 Floor Plan D**, dated **2/22/2016**, reissued.
20. Sheet **U-A04.03E Level 03 Floor Plan E**, dated **2/22/2016**, reissued.
21. Sheet **U-A04.04A Roof Plan A**, dated **2/22/2016**, reissued.
22. Sheet **U-A04.04B Roof Plan B**, dated **2/22/2016**, reissued.
23. Sheet **U-A04.04C Roof Plan C**, dated **2/22/2016**, reissued.
24. Sheet **U-A05.02D Level 02 Reflected Ceiling Plan-D**, dated **2/22/2016**, reissued.
25. Sheet **UA10.01 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
26. Sheet **UA10.02 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
27. Sheet **UA10.03 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
28. Sheet **UA10.04 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
29. Sheet **UA10.05 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
30. Sheet **UA10.06 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
31. Sheet **UA10.07 Restroom Enlarged Plan**, dated **2/22/2016**, reissued.
32. Sheet **U-A10.14 Level 01 Interior Elevations**, dated **2/22/2016**, reissued.
33. Sheet **U-A11.10 Building Sections**, dated **2/22/2016**, reissued.
34. Sheet **U-A11.11 Building Sections**, dated **2/22/2016**, reissued.
35. Sheet **U-A11.12 Building Sections**, dated **2/22/2016**, reissued.
36. Sheet **U-A11.55 Exterior Plan Details**, dated **2/22/2016**, reissued.
37. Sheet **U-A11.56 Exterior Plan Details**, dated **2/22/2016**, reissued.
38. Sheet **U-A11.57 Exterior Plan Details**, dated **2/22/2016**, reissued.
39. Sheet **U-A11.73 Curtain Wall Elevations**, dated **2/22/2016**, reissued.
40. Sheet **U-A12.01 Plans and Sections**, dated **2/22/2016**, reissued.
41. Sheet **U-A12.05 Stairs 5 & 7 Plans and Sections**, dated **2/22/2016**, reissued.
42. Sheet **U-A12.13 Stair Details**, dated **2/22/2016**, reissued.
43. Sheet **U-A12.22 Elevator Core Sections, Pit Ladder**, dated **2/22/2016**, reissued.

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44. Sheet **U-S-01.31 Mock Up Plans**, dated **2/22/2016**, deleted.
45. Sheet **U-S-01.31 Mock Up Sections and details**, dated **2/22/2016**, deleted.
46. Sheet **U-S215 Foundation Sections**, dated **2/22/2016**, reissued.
47. Sheet **U-S311Sections**, dated **2/22/2016**, reissued.

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- 48. Sheet **U-E06.01 Plumbing Schedules**, dated 2/22/2016, reissued.
- 49. Sheet **U-E06.15 Lighting Panel Schedules**, dated 2/22/2016, reissued.
- 50. Sheet **U-E06.21 Kitchen Equipment Schedules**, dated 2/22/2016, reissued.
- 51. Sheet **TA00.01AV & Security Systems Title**, dated 2/22/2016, reissued.
- 52. Sheet **TA05.00B,C,D AV & Security Level 0B RCP**, dated 2/22/2016, reissued.
- 53. Sheet **TA05.01A,B,C,D AV & Security Level 01 RCP**, dated 2/22/2016, reissued.
- 54. Sheet **TA05.02A,B,C,D AV & Security Level 02 RCP**, dated 2/22/2016, reissued.
- 55. Sheet **TA05.03A,B,C,D AV & Security Level 03 RCP**, dated 2/22/2016, reissued.
- 56. Sheet **TA06.01 Typical Audiovisual Infrastructure Details**, dated 2/22/2016, reissued.
- 57. Sheet **TA06.02 Typical Audiovisual Infrastructure Details**, dated 2/22/2016, reissued.
- 58. Sheet **TA06.03 Typical Audiovisual Infrastructure Details**, dated 2/22/2016, reissued.
- 59. Sheet **TA06.04 Typical Audiovisual Infrastructure Details**, dated 2/22/2016, reissued.

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- 60. Sheet **D-G00.06 UL Detail**, dated 2/22/2016, reissued.
- 61. Sheet **D-G00.07 UL Detail**, dated 2/22/2016, reissued.
- 62. Sheet **D-A12.01 Precast Panel Elevations**, dated 2/22/2016, reissued.
- 63. Sheet **D-A12.02 Precast Panel Elevations**, dated 2/22/2016, reissued.
- 64. Sheet **D-A12.03 Precast Panel Elevations**, dated 2/22/2016, reissued.
- 65. Sheet **D-A12.04 Precast Panel Sections**, dated 2/22/2016, reissued.
- 66. Sheet **D-A70.51 Component C Plans**, dated 2/22/2016, reissued.
- 67. Sheet **D-A70.55 Component C Sections**, dated 2/22/2016, reissued.
- 68. Sheet **D-S-411 Stair/Elevator No.1 Enlarged Plans**, dated 2/22/2016, reissued.
- 69. Sheet **D-S-412 Stair/Elevator No.1 Enlarged Plans**, dated 2/22/2016, reissued.
- 70. Sheet **D-S-420 Stair/Elevator No.2 Enlarged Plans**, dated 2/22/2016, reissued.
- 71. Sheet **D-S955 Site Wall Sections**, dated 2/22/2016, reissued.
- 72. Sheet **P02.01B Plumbing – Tier 01 Floor Plan – Parking Deck- West**, dated 2/22/2016, reissued.
- 73. Sheet **D-FP02.01B FP Tier -1 Floor Pan – Parking Deck-West**, dated 2/22/2016, reissued.
- 74. Sheet **D-E03.01 Enlarged Main Electrical Room**, dated 2/22/2016, reissued.

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- 75. Sheet **R-S01.31 Mock Up**, dated 2/22/2016, deleted.
- 76. Sheet **R-S101 Roof & Intermediate Framing Plans**, dated 2/22/2016, reissued.

1.3 REVISIONS TO SPECIFICATIONS

A. Addendum No. 1, Item 1: Document **00 99 00G - Available Project Information**

- 1. **The referenced document now has signatures and engineer’s seal.**

B. Addendum No. 1, Item 2: Specification Section **01 22 00G - Unit Prices**

- 1. **Parts 3.2.X and 3.2.Y have been combined and clarified.**

C. Addendum No. 1, Item 3: Specification Section **01 22 00G – Substitution Procedures**

- 1. **Text has been added to paragraph 1.1,A noting substitutions will be considered “...until 10 days prior to bid opening.” Paragraph 1.3,3,a has been deleted since it references documents related to the Construction Phase. There is no direct mention of substitutions following contract award contained in Article 2.1. However, the language of Article 2.1 has been changed – Deleted paragraphs c, e, f and h.**

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- D. Addendum No. 1, Item 4: Specification Section **01 40 00G - Quality Requirements**
1. **The Special Wind Requirements are not required and have been removed from the requirement. "Seismic Resistance" and "Wind Resistance" has been un-checked in the Schedule of Special Inspections for the Student Union and Regional Plant.**
- E. Addendum No. 1, Item 5: Specification Section **01 41 00G - Special Inspections**
1. **Paragraph 1.2 C has been revised to read "Mockups: Full size physical assemblies that are constructed on site as part of the permanent construction. Mockups are..." Paragraph 1.6, J, 7 has been deleted.**
- F. Addendum No. 1, Item 6: Specification Section **01 74 19G – Construction Waste Management and Disposal**
1. **Attached missing Construction Waste Management forms**
- G. Addendum No. 1, Item 8: Specification Section **33 47 00G - Foundation Drainage Pumping Station**
1. **Paragraph 1.6, A has been revised to read "Warranty shall be for one year. Warranty starts at final acceptance of project."**
- H. Addendum No. 1, Item 9: Specification Section **04 22 00U - Masonry Veneer**
1. **Paragraph 3.11 has been revised to read "FLASHING, WEEPS AND CAVITY DRAINAGE". Paragraph 3.11, A has been revised to read "See Section 04 20 00U for Cavity Drainage and Weeps. See Section 07 62 00U for Flashings"**
  2. **We noted that Section 04 22 00U paragraph 2.8, A had a similar vague reference. This paragraph has been revised to read "See Section 07 62 00U for Embedded Flashing Materials."**
  3. **Included another acceptable manufacturer to list.**
- I. Addendum No. 1, Item 10: Specification Section **05 40 00U - Cold Formed Metal Framing**
1. **Response: Paragraph 1.5, B has been revised to read "...A professional engineer who is legally qualified to practice in the State of North Carolina and who is..."**
- J. Addendum No. 1, Item 11: Specification Section **08 71 00R - Door Hardware**
1. **Paragraph 1.01, B referencing Related Section has been deleted. Footer has been revised to 08 71 00R and is consistent with the Section Title.**
  2. **Additional Response: We noted other Door Hardware Sections were not using the six-digit formatting. These have been corrected in Volumes 2 and 3 as well.**
- K. Addendum No. 1, Item 12: Specification Section **09 70 00U - Engineered Illuminated Panel**
1. **Section 09 70 00U has been completed and renamed "Engineered Illuminated Panel."**

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- L. Addendum No. 1, Item **13**: Specification Section **114000U – Foodservice Equipment**
    - 1. **Item #127, paragraph 10 (Page 99) – Deleted the last two sentence that reads “Provide built-in panels with copper bus, including ground bus. Provide copper wiring to built-in equipment (See 2011 SCO Electrical Guidelines and Policies)”.**
  - M. Addendum No. 1, Item **14**: Specification Section **14 21 00U - Electric Traction Elevators**
    - 1. **Paragraph 2.7, B, 2 has been revised to read “Floor Finish: Resinous Matrix Terrazzo.” All elevators in the Student Union will have resinous matrix terrazzo flooring.**
  - N. Addendum No. 1, Item **15**: Specification Section **23 11 14R - Exterior Fire Protection Services**
    - 1. **Paragraph 2.5, A has been revised to delete reference to manufacturer.**
  - O. Addendum No. 1, Item **16**: Specification Section Section **28 31 15R – Fire Alarm System**
    - 1. **Table of Contents has been coordinated. Section 283115R does not exist, but 283116R does belong in the set.**
- 1.4 REVISIONS TO DRAWING VOLUME 1A
- A. Sheet **U-G00.12 Appendix B**
    - 1. **Design professionals updated to match drawings.**
  - B. Sheet **U-A00.13 Level 0B LSC Area Plan**
    - 1. **Drawing A2: The Fire Extinguishers on mounting brackets have been added to Room G52. In addition, Fire Extinguishers on mounting brackets have been added to Rooms G63, G65, G64, G05, G07, and G25. Note has been added to the Fire Safety Legend that reads “Final Fire Extinguisher locations to be coordinated with local Fire Marshal.”**
  - C. Sheet **U-A00.15 Level 02 LSC Area Plan**
    - 1. **Drawing A2: Doors 200A.1 and 200A.2 now indicate panic hardware (PH) to match specifications. Door 205.2 also indicates panic hardware (PH) and the specification has been revised to add this hardware set (03.1).**
  - D. Sheet **C3.1 Utility Plan**
    - 1. **The fire apparatus access has been provided on both the east and west ends of the building via the roadways and the heavy duty sidewalks. The local fire marshal has reviewed and approved the access points and routes. See designated routes on Sheet U-G00.11.**
    - 2. **All PIV’s have been moved to 40’ from the building and removed from the FDC lines. See drawing sheet C3.1. Utility Note #11 has been added to sheet C3.1 to read “A tamper switch shall be provided at RPZ and PIV locations.”**
    - 3. **Low temperature sensor and fire alarm system connections to tamper switches are shown on drawings D-ES02.01B, and are specifically called out in sheet keynote #47. Note added to Detail**

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3/C5.2 indicating that a listed heater should be provided with a sensor connected to the fire alarm. Utility Note #11 has been added to sheet C3.1 to read "A tamper switch shall be provided at RPZ and PIV locations."

4. See Utility Note #9 that reads "Contractor to provide label for all FDCs to indicate what each serves."
  5. Note has been added to Sheet C3.1 that reads "All FDCs will have check valves and drain valves."
  6. Separate PIV valves are provided for the parking deck, student union and the regional plant see Sheet C3.1 for overall site plan and Sheet C3.1A for enlarged plan.
- E. Sheet C3.1A Utility Plan (Enlarged View-Water Main)
1. Separate PIV valves are provided for the parking deck, student union and the regional plant see Sheet C3.1 for overall site plan and Sheet C3.1A for enlarged plan.
- F. Sheet U-A00.11 Typical Mounting Heights.
1. Drawing n/a: The accessory cane apron is shown and noted on U-A00.11 Typical Mounting Heights diagram for the "Barrier Free Drinking Fountain". This is not visible in plan view. All enlarged toilet plan sheets reference this diagram for compliance in the Restroom Notes. The apron is also noted on the Plumbing Fixture Schedule on Sheet U-P06.01 for Electric Water Cooler, EWC-1.
- 1.5 REVISIONS TO DRAWING VOLUME 1B
- A. Sheet U-A00.48 Interior Storefront Schedule.
1. Drawing n/a: An Interior Storefront Schedule has been provided on sheets U-A00.48 and U-A00.49. Storefront tags retain the prefix SF-1.# or SF-2.# to remain consistent with the 2 interior storefront types in the written specification. Each size of storefront has been tagged, elevated, and dimensioned individually.
- B. Sheet U-A00.49 Interior Storefront Schedule.
1. Drawing n/a: An Interior Storefront Schedule has been provided on sheets U-A00.48 and U-A00.49. Storefront tags retain the prefix SF-1.# or SF-2.# to remain consistent with the 2 interior storefront types in the written specification. Each size of storefront has been tagged, elevated, and dimensioned individually.
- C. Sheet U-A01.31 Mock-up Plan and Sections.
1. Drawing n/a: Sheet U-A01.31 has been deleted. Mockups are specified to be part of the construction.
- D. Sheet U-A03.05 Roof Overall Plan.
1. Drawing A5: Roof scuppers were added in the previous submittal and were shown and labeled on the overall roof plan U-A03.05 along the north facade just above column lines A for the low roof and B for the high roof. Additional scuppers on the south facade were added along column line F.8 on the low roof and on the east facade of the high roof along column line 12. These were previously shown in elevation, wall section and detail as well but had not been indicated on the enlarged roof



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plans. Each primary roof drain now has either an overflow drain or scupper adjacent to it and has been coordinated between overall, enlarged roof plans, and elevations. None occur above entrances or exits.

- E. Sheet **U-A04.0BA Level 0B Floor Plan-A.**
  - 1. Drawing **A2: Drainage slopes added to rooms.**
  
- F. Sheet **U-A04.0BC Level 0B Floor Plan-C.**
  - 1. Drawing **A2: The length of the ramp sections on either side of the landing have been extended by 4 feet each to 24 feet long to provide a slope of 1:12. The intermediate landing has been increased to 5'-0".**
  
- G. Sheet **U-A04.0BD Level 0B Floor Plan-D.**
  - 1. Drawing **A2: Drainage slopes added to rooms.**
  
- H. Sheet **U-A04.01A Level 01 Floor Plan-A.**
  - 1. Drawing **A2: Drainage slopes added to rooms.**
  
- I. Sheet **U-A04.01C Level 01 Floor Plan-A.**
  - 1. Drawing **A2: Drainage slopes added to rooms.**
  
- J. Sheet **U-A04.02A Level 02 Floor Plan-A.**
  - 1. Drawing **A2: Drainage slopes added to rooms.**
  
- K. Sheet **U-A04.02E Level 02 Floor Plan-E.**
  - 1. Drawing **A2: Drainage slopes added to rooms.**
  
- L. Sheet **U-A04.03A Level 03 Floor Plan-A.**
  - 1. Drawing **A2: Grid Line "P" has been offset to avoid conflict with Section Cut Detail Tag A3/AU11.28.**
  
- M. Sheet **U-A04.03D Level 03 Floor Plan-D.**
  - 1. Drawing **A2: Roof scupper notes added to enlarged floor plan.**
  
- N. Sheet **U-A04.03E Level 03 Floor Plan E**
  - 1. Drawing **A2: Walkway pads have been re-routed around vent pipes and mechanical equipment.**
  
- O. Sheet **U-A04.04A Roof Plan**
  - 1. Drawing **A2: Roof scupper notes added to enlarged floor plan.**
  
- P. Sheet **U-A04.04B Roof Plan B.**

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1. Drawing **A5**: Scuppers are indicated along the east wall for these 2 roof drains as indicated on the overall plan on UA03.05, on elevation A3/U-A11.03 and in detail on B1/U-A11.66 in previous submission. These have been noted on Sheet U-A04.04B.
- Q. Sheet **U-A04.04C Roof Plan C**
1. Drawing **A5**: Scuppers are indicated along the north wall for these 5 roof drains as indicated on the overall plan on UA03.05, on elevation B4/U-A11.05 and in detail on B1/U-A11.66 in previous submission. These have been noted on Sheet U-A04.04C.
- R. Sheet **U-A05.02D Level 02 Reflected Ceiling Plan-D.**
1. Drawing **A2**: Surface pattern has been removed in the location noted.
- S. Sheet **UA10.01 Restroom Enlarged Plan.**
1. Drawing **A2,B2**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- T. Sheet **UA10.02 Restroom Enlarged Plan.**
1. Drawing **A2,A4**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- U. Sheet **UA10.03 Restroom Enlarged Plan.**
1. Drawing **A2,A4**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- V. Sheet **UA10.04 Restroom Enlarged Plan.**
1. Drawing **A2,D2**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- W. Sheet **UA10.05 Restroom Enlarged Plan.**
1. Drawing **A1,A3,C3**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- X. Sheet **UA10.06 Restroom Enlarged Plan.**
1. Drawing **A1,A2**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- Y. Sheet **UA10.07 Restroom Enlarged Plan.**
1. Drawing **A1,B1,D1**: Floor slabs indicate positive slope to drain in all toilet rooms. See enlarged Plan Sheets U-A10.01 thru U-A10.07.
- Z. Sheet **U-A10.14 Level 01 Interior Elevations.**
1. Drawing **D1,D3,D4**: Black poche has been removed..

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AA. Sheet **U-A11.10 Building Sections.**

1. Drawing **A5,C3: Walls and Floors** have been changed to white on all building sections. There is no dark poche.

BB. Sheet **U-A11.11 Building Sections.**

1. Drawing **A5,B5: Walls and Floors** have been changed to white on all building sections. There is no dark poche.

CC. Sheet **U-A11.12 Building Sections.**

1. Drawing **A4: Walls and Floors** have been changed to white on all building sections. There is no dark poche.

DD. Sheet **U-A11.55 Exterior Plan Details.**

1. Drawing **A3: detail call out from A3/U-A11.31 to A5/U-A11.62** has been changed

EE. Sheet **U-A11.56 Exterior Plan Details.**

1. Drawing **C5,D5: Fire rated glazed steel curtain wall details** have been added to sheets **U-A11.56 and U-A11.57** and have been tagged on the elevation **A2/U-A11.73**. Fenestration assemblies can be found on sheet **U-A00.33**. **CW-5** is the Fire-rated Curtain Wall as referenced in the Section **08 80 00U**.

FF. Sheet **U-A11.57 Exterior Plan Details.**

1. Drawing **D1,D2,D3: Fire rated glazed steel curtain wall details** have been added to sheets **U-A11.56 and U-A11.57** and have been tagged on the elevation **A2/U-A11.73**. Fenestration assemblies can be found on sheet **U-A00.33**. **CW-5** is the Fire-rated Curtain Wall as referenced in the Section **08 80 00U**.

GG. Sheet **U-A11.73 Curtain Wall Elevations.**

1. Drawing **A2: Curtain wall tags** have been added and **FE assembly** has been updated.

HH. Sheet **U-A12.01 Plans and Sections.**

1. Drawing **B3: Poche** will be removed from plans and sections. Refer to detail **C4/U-G00.29** for **FDV Cabinet detail**.
2. Drawing **A5,B5: Section 07 72 33U ROOF HATCH**, paragraph 2.1, F, 4 states that "Stainless steel padlock hasps inside." This has been included to prevent access to roof. Enclosure around ladder has been added to restrict access and reduce fall hazard. Enclosure is provided with a lockable swinging gate. See Sheet **B5/U-A12.13**.

II. Sheet **U-A12.05 Stairs 5 & 7 Plans and Sections.**

1. Drawing **A1,B2: Response: Elevated slab** has been removed and a cane rail has been provided as shown in plan and section on Sheet **U-A12.05, Details A1 and B2**.

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JJ. Sheet **U-A12.13 Stair Details.**

1. Drawing **A5,B5: Stair Enclosure gate** added to sheet.

KK. Sheet **U-A12.22 Elevator Details.**

1. Drawing **C1: Detail C1/U-A12.22** has been revised to indicate **12" Maximum** to the first rung.
2. Drawing **A2: Detail A2/U-A12.22** has been revised to show edge guard.

#### 1.6 REVISIONS TO DRAWING VOLUME 1C

A. Sheet **U-S-01.31 Mock Up Plans.**

1. Drawing **n/a: Sheet U-S-01.31 and U-S-01.32** have been deleted. There are no **Free-Standing Mockups**. All Mockups will be part of the construction.

B. Sheet **U-S-01.31 Mock Up Sections and details.**

1. Drawing **n/a: Sheet U-S-01.31 and U-S-01.32** have been deleted. There are no **Free-Standing Mockups**. All Mockups will be part of the construction.

C. Sheet **U-S215 Foundation Sections.**

1. Drawing **5: Waterstop** has been added to detail **5/U-S215**. No additional waterstop is required for detail **4/U-S217**.

D. Sheet **U-S311 Sections.**

1. Drawing **12: An additional section reference cut (12/US-311)** has been added at this location. **Additional Section Cut Marks** have been revised.

#### 1.7 REVISIONS TO DRAWING VOLUME 3

A. Sheet **U-E06.15 Lighting Panel Schedules.**

1. Drawing **n/a: Fault current rating** on panel schedule has been increased to **65kAIC** to match single line diagram on **U-E04.11**.

B. Sheet **U-E06.21 Kitchen Equipment Schedules.**

1. Drawing **n/a: Sheet U-E06.21** was omitted from the previous set of drawings accidentally. This drawing is now included, and the previous comment has been addressed.

C. Sheet **TA00.01AV & Security Systems Title.**

1. Drawing **n/a: A general note** has been added to the TA series drawings (**TA00.01, TA06.03, TA06.04**) indicating that drawings which include security devices and equipment are provided to show the infrastructure and pathways required to support the OFE security system. Contractor shall

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coordinate with the owner to implement manual override of all security devices by first responders in the event of emergency.

2. Ben Bradley's professional seal has been added to all TA series drawings, and meets the criteria for the North Carolina Professional seal.
3. All equipment included in the general building construction set have three acceptable manufacturers indicated in the specifications and/or drawings.
4. All drawings which include only equipment that is not to be included in the general building construction set have been removed from this package, and a note has been added to TA00.01 indicating that the rest of the equipment will be bid at a date closer to the completion date. At that time the rest of the equipment will be set out to bid with three acceptable manufacturers.

D. Sheet TA05.00B,C,D AV & Security Level 0B RCP.

1. Drawing n/a: All TA05 drawings have been revised and include a sheet note which reads, "CEILING MOUNTED AV AND SECURITY EQUIPMENT SHOULD BE MOUNTED IN THE CENTER OF CEILING TILES, DO NOT CUT CEILING GRID RUNNERS TO INSTALL AV AND SECURITY EQUIPMENT."

E. Sheet TA05.01A,B,C,D AV & Security Level 01 RCP.

1. Drawing n/a: All TA05 drawings have been revised and include a sheet note which reads, "CEILING MOUNTED AV AND SECURITY EQUIPMENT SHOULD BE MOUNTED IN THE CENTER OF CEILING TILES, DO NOT CUT CEILING GRID RUNNERS TO INSTALL AV AND SECURITY EQUIPMENT."

F. Sheet TA05.02A,B,C,D AV & Security Level 02 RCP

1. Drawing n/a: All TA05 drawings have been revised and include a sheet note which reads, "CEILING MOUNTED AV AND SECURITY EQUIPMENT SHOULD BE MOUNTED IN THE CENTER OF CEILING TILES, DO NOT CUT CEILING GRID RUNNERS TO INSTALL AV AND SECURITY EQUIPMENT."

G. Sheet TA05.03A,B,C,D AV & Security Level 03 RCP.

1. Drawing n/a: All TA05 drawings have been revised and include a sheet note which reads, "CEILING MOUNTED AV AND SECURITY EQUIPMENT SHOULD BE MOUNTED IN THE CENTER OF CEILING TILES, DO NOT CUT CEILING GRID RUNNERS TO INSTALL AV AND SECURITY EQUIPMENT."

H. Sheet TA06.01 Typical Audiovisual Infrastructure Details.

1. Drawing 1,2: Drawing updated

I. Sheet TA06.02 Typical Audiovisual Infrastructure Details.

1. Drawing 3: Drawing Updated.

J. Sheet TA06.03 Typical Audiovisual Infrastructure Details.

1. Drawing 4: Through wall note added.

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K. Sheet **TA06.04 Typical Audiovisual Infrastructure Details.**

L. Drawing n/a: **Note added to drawing : SHEET NOTES:**

**“THIS SHEET IS PROVIDED TO SHOW THE INFRASTRUCTURE AND PATHWAYS REQUIRED TO SUPPORT OFE SECURITY SYSTEM. CONTRACTOR SHALL COORDINATE WITH OWNER TO IMPLEMENT MANUAL OVERRIDE OF ALL SECURITY DEVICES BY FIRST RESPONDERS IN THE EVENT OF AN EMERGENCY.”**

1.8 REVISIONS TO DRAWING VOLUME 4

A. Sheet **D-G00.06 UL Detail.**

1. **Section through roof drain/chase has been provided on sheets D-A70.51, D-S-411, D-S-412, D-S-420 and P02.01B. Provided new UL Detail (U914) on Sheet D-G00.06**

B. Sheet **D-G00.07 UL Detail.**

1. **Section through roof drain/chase has been provided on sheets D-A70.51, D-S-411, D-S-412, D-S-420 and P02.01B. Provided new UL Detail (U914) on Sheet D-G00.06**

C. Sheet **D-G00.12 UL Detail.**

1. Drawing n/a: **UL Detail Added**

D. Sheet **D-A12.01 Precast Panel Elevations.**

1. All Drawings on Sheet: **Poche has been removed on Sheets noted.**

E. Sheet **D-A12.02 Precast Panel Elevations.**

1. All Drawings on Sheet: **Poche has been removed on Sheets noted.**

F. Sheet **D-A12.03 Precast Panel Elevations.**

1. All Drawings on Sheet: **Poche has been removed on Sheets noted.**

G. Sheet **D-A12.04 Precast Panel Sections.**

1. Drawing **A1,A2 : Poche has been removed on Sheets noted.**

H. Sheet **D-A70.51 Component C Plans.**

1. All Drawings on Sheet: **Section through roof drain/chase has been provided on sheets D-A70.51, D-S-411, D-S-412, D-S-420 and P02.01B. Provided new UL Detail (U914) on Sheet D-G00.06.**

I. Sheet **D-A70.55 Component C Sections.**

1. Drawings **A2: New Chase wall section.**

J. Sheet **D-S-411 Stair/Elevator No.1 Enlarged Plans.**

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1. Section through roof drain/chase has been provided on sheets D-A70.51, D-S-411, D-S-412, D-S-420 and P02.01B. Provided new UL Detail (U914) on Sheet D-G00.06.
  - K. Sheet **D-S-412 Stair/Elevator No.1 Enlarged Plans.**
    1. Section through roof drain/chase has been provided on sheets D-A70.51, D-S-411, D-S-412, D-S-420 and P02.01B. Provided new UL Detail (U914) on Sheet D-G00.06.
  - L. Sheet **D-S-420 Stair/Elevator No.2 Enlarged Plans.**
    1. Section through roof drain/chase has been provided on sheets D-A70.51, D-S-411, D-S-412, D-S-420 and P02.01B. Provided new UL Detail (U914) on Sheet D-G00.06.
  - M. Sheet **D-S955 Site Wall Sections.**
    1. Drawing 5: A typical structural section cut has been added for the site wall. See 2/D-S955.
  - N. Sheet **P02.01B Plumbing – Tier 01 Floor Plan – Parking Deck- West.**
    1. Drawing <Insert number>: <Insert explanatory text>.
  - O. Sheet **D-FP02.01B FP Tier -1 Floor Pan – Parking Deck-West.**
    1. Wall ratings have been shown around main electrical room, corridor, and MDF room.
  - P. Sheet **D-E03.01 Enlarged Main Electrical Room.**
    1. Drawing 1: The indoor units, outdoor units, circuits and equipment tags have been coordinated.
- 1.9 REVISIONS TO DRAWING VOLUME 5
- A. **Sheet R-S01.31 Mock Up**
    1. Drawing n/a: Sheet R-A01.31 has been deleted.
  - B. **Sheet R-S101 Roof & Intermediate Framing Plans**
    1. Drawing 1: These are short post ups for future mechanical equipment. These posts are identified on Sheets R-S101 and R-S102 and not the schedule.

END OF DOCUMENT

**ADDENDA #02**

To:	Bradley Makepeace	Date:	March 4, 2016
From:	Daniel Pering	Project Name:	ECU Main Campus Student Union
Subject:	Addenda #02	Project Number:	820425.000
		Sent Via:	Electronic Mail

**Remarks:**

1.1 NOTICE TO BIDDERS

- A. This Addendum is issued [**to all registered plan holders**] pursuant to the [**Instructions to Bidders**] [**and**] [**Conditions of the Contract**]. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is **unchanged by this Addendum**, at same time and location.

1.2 ATTACHMENTS

- A. This Addendum includes attachments.
- B. This Addendum includes the following attached Documents and Specification Sections:

VOL 1

- 1. Section **00 01 10G.1 – Table of Contents**, dated **3/4/2016**, reissued.
- 2. Section **01 74 19Ga.1 – Construction Waste Management and Disposal**, dated **3/4/2016**, reissued.
- 3. Section **01 74 19Gb - Form CWM - 1**, dated **3/4/2016**, reissued.
- 4. Section **01 74 19Gc - Form CWM - 3**, dated **3/4/2016**, reissued.
- 5. Section **01 74 19Gd - Form CWM – 5**, dated **3/4/2016**, reissued.
- 6. Section **01 74 19Ge - Form CWM - 7**, dated **3/4/2016**, reissued.

VOL 2

- 1. Section **00 01 10U.1 – Table Of Contents**, dated **3/4/2016**, reissued
- 2. Section **03 35 43U – Bonded Abrasive Polishing Concrete Floors**, dated **3/4/2016**, new
- 3. Section **07 21 00U.1 – Thermal Insulation**, dated **3/4/2016**, reissued
- 4. Section **07 25 26U.1 – Fluid Applied Membrane Weather Barrier System**, dated **3/4/2016**, new
- 5. Section **07 71 00U.1 – Roof Specialties**, dated **3/4/2016**, reissued.



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- 6. Section **04 73 17U.1 – Cast Stone Veneer Panel System**, dated **3/4/2016**, reissued
- 7. Section **08 80 00U.1 - Glazing**, dated **3/4/2016**, reissued.
- VOL 3
- 8. Section **33 46 05D – Floor Pressure Relief Valves**, dated **3/4/2016**, new.
- VOL 4
- 9. Section **00 01 10R.1 – Table of Contents**, dated **3/4/2016**, reissued.
- 10. Section **07 25 26R – Fluid Applied Membrane and Weather Barrier System**, dated **3/4/2016**, new.

C. This Addendum includes the following attached Sheets:

VOL 1A

- 1. Sheet **C0.0 Composite Plan**, dated **3/4/2016**, reissued.
- 2. Sheet **C0.1 Current Conditions/Demolition Plan**, dated **3/4/2016**, reissued.
- 3. Sheet **C1.1 Site Plan**, dated **3/4/2016**, reissued.
- 4. Sheet **C1.2 Turn Lane Details**
- 5. Sheet **C2.1 General Grading, Drainage, Erosion, & Sedimentation Control Plan**, dated **3/4/2016**, reissued.
- 6. Sheet **C2.1A Grading Basement Level**, dated **3/4/2016**, reissued.
- 7. Sheet **C2.2 Erosion Control Notes/Details**, dated **3/4/2016**, reissued.
- 8. Sheet **C2.3 Underground Stormwater Detention Details**, dated **3/4/2016**, reissued.
- 9. Sheet **C2.4 Underground Foundation Drain**, dated **3/4/2016**, reissued.
- 10. Sheet **C4.1 Grading, Drainage, Erosion & Sedimentation Control and Pavement Details**, dated **3/4/2016**, reissued.
- 11. Sheet **C5.1 Water and Sanitary Sewer Details**, dated **3/4/2016**, reissued.
- 12. Sheet **C5.1 Water and Storm Details**, dated **3/4/2016**, reissued.

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- 13. Sheet **U-A00.32 Exterior Assemblies**, dated **3/4/2016**, reissued.
- 14. Sheet **U-A00.48 Interior Storefront Schedules**, dated **3/4/2016**, reissued.
- 15. Sheet **U-A00.49 Interior Storefront Schedules**, dated **3/4/2016**, reissued.
- 16. Sheet **U-A07.00A Finish Legend**, dated **3/4/2016**, reissued.
- 17. Sheet **U-A10.12 Level 0B Interior Elevations**, dated **3/4/2016**, reissued.
- 18. Sheet **U-A10.13 Level 01 Interior Elevations**, dated **3/4/2016**, reissued.
- 19. Sheet **U-A10.14 Level 01 Interior Elevations**, dated **3/4/2016**, reissued.
- 20. Sheet **U-A10.15 Level 01 Interior Elevations**, dated **3/4/2016**, reissued.
- 21. Sheet **U-A10.16 Level 01 Interior Elevations**, dated **3/4/2016**, reissued.
- 22. Sheet **U-A10.19 Level 02 Interior Elevations**, dated **3/4/2016**, reissued.
- 23. Sheet **U-A10.20 Level 02 Interior Elevations**, dated **3/4/2016**, reissued.
- 24. Sheet **U-A10.23 Level 03 Interior Elevations**, dated **3/4/2016**, reissued.
- 25. Sheet **U-A10.19 Level 03 Interior Elevations**, dated **3/4/2016**, reissued.
- 26. Sheet **U-A11.36 Exterior Wall Section**, dated **3/4/2016**, new.
- 27. Sheet **U-A11.70 Curtain Wall Elevations**, dated **3/4/2016**, reissued.
- 28. Sheet **U-A11.71 Curtain Wall Elevations**, dated **3/4/2016**, reissued.
- 29. Sheet **U-A11.72 Curtain Wall Elevations**, dated **3/4/2016**, reissued.
- 30. Sheet **U-A11.73 Curtain Wall Elevations**, dated **3/4/2016**, reissued.
- 31. Sheet **U-A12.22 Elevator Details**, dated **3/4/2016**, reissued.
- 32.

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- 33. Sheet **TA07.01C Exterior Wall Rack and Plate Details**, dated **3/4/2016**, reissued.
- 34. Sheet **TA07.01D Exterior Video Wall Sections**, dated **3/4/2016**, reissued.
- 35. Sheet **TA07.02B Games Lounge Elevations**, dated **3/4/2016**, reissued.
- 36. Sheet **TA07.05B Cultural Center Elevations**, dated **3/4/2016**, reissued.
- 37. Sheet **TA07.06B Multi-Use Meeting Space Elevations**, dated **3/4/2016**, reissued.

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- 38. Sheet **TA07.08B Large Event Space Elevations**, dated **3/4/2016**, reissued.
  - 39. Sheet **TA07.09B Tiered Senate Meeting Room Elevation**, dated **3/4/2016**, reissued.
  - 40. Sheet **TA07.10B Large Meeting Room Elevation**, dated **3/4/2016**, reissued.
  - 41. Sheet **TA07.15B Black Box Theater Elevations/Sections**, dated **3/4/2016**, reissued.
  - 42. Sheet **TA07.15C Black Box Theater Elevations/Sections**, dated **3/4/2016**, reissued.
  - 43. Sheet **TA07.15D Black Box Theater Details**, dated **3/4/2016**, reissued.
- VOL 4
- 44. Sheet **D-S-101 Basement Level Plan**, dated **3/4/2016**, reissued.

1.3 REVISIONS TO SPECIFICATIONS

- A. Addendum No. 2, Item 1: Document **00 01 10G.1 – Table of Contents**
  - 1. Changed Sections added to TOC
- B. Addendum No. 2, Item 2: Specification Section **01 74 19Ga.1 – Construction Waste Management and Disposal**
  - 1. New Forms added
- C. Addendum No. 2, Item 3: Specification Section **01 74 19Gb - Form CWM – 1**
- D. New forms added Addendum No. 2, Item 4: Document **01 74 19Gc - Form CWM - 3**
  - 1. New forms added
- E. Addendum No. 2, Item 5: Document **01 74 19Gd - Form CWM – 5**
  - 1. New forms added
- F. Addendum No. 2, Item 6: Document **01 74 19Ge - Form CWM - 7**
  - 1. New forms added
- G. Addendum No. 2, Item 7: Document **00 01 10U.1 – Table Of Contents**
  - 1. Changed Sections added to TOC
- H. Addendum No. 2, Item 8: Document **03 35 43U – Bonded Abrasive Polishing Concrete Floors**
  - 1. New Section
- I. Addendum No. 2, Item 9: Document **07 21 00U.1 – Thermal Insulation**
  - 1. Foam Plastic Board Insulation compressive strength modified.
- J. Addendum No. 2, Item 10: Document **07 25 26U.1 – Fluid Applied Membrane Weather Barrier System**
  - 1. New section

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- K. Addendum No. 2, Item **11**: Document **07 71 00U.1 – Roof Specialties**
    - 1. Conductor Box, Down Spout, and Splash guard added to section
  - L. Addendum No. 2, Item **12**: Document **04 73 17U.1 – Cast Stone Veneer Panel System**
    - 1. Added A third Manufacturer
  - M. Addendum No. 2, Item **13**: Document **08 80 00U.1 - Glazing**
    - 1. New Basis of design
    - 2. Frit and Spandrel application to sides changed
    - 3. GL-10 added
  - N. Addendum No. 2, Item **14**: Document **33 46 05D – Floor Pressure Relief Valves**
    - 1. New Specification
  - O. Addendum No. 2, Item **15**: Document **00 01 10R.1 – Table of Contents**
    - 1. Sections added to TOC
  - P. Addendum No. 2, Item **16**: Document **07 25 26R – Fluid Applied Membrane and Weather Barrier System**
    - 1. New Section Added
- 
- 1.4 REVISIONS TO DRAWING VOLUME 1A
    - A. Sheet **C0.0**
      - 1. GUC changes made
    - B. Sheet **C0.1**
      - 1. GUC changes made
    - C. Sheet **C1.1**
      - 1. GUC changes made
    - D. Sheet **C1.2**
      - 1. GUC changes made

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- E. Sheet **C2.1**
    - 1. GUC changes made
  - F. Sheet **C2.1A**
    - 1. GUC changes made
  - G. Sheet **C2.2**
    - 1. GUC changes made
  - H. Sheet **C2.3**
    - 1. GUC changes made
  - I. Sheet **C2.4**
    - 1. GUC changes made
  - J. Sheet **C3.1**
    - 1. GUC changes made
  - K. Sheet **C3.2**
    - 1. GUC changes made
  - L. Sheet **C4.1**
    - 1. GUC changes made
  - M. Sheet **C5.1**
    - 1. GUC changes made
  - N. Sheet **C5.2**
    - 1. GUC changes made
- 1.5 REVISIONS TO DRAWING VOLUME 1B
- A. **U-A00.32 Exterior Assemblies**
    - 1. RF 336 Modified so that pedestals sit on insulation
    - 2. RF 121b added for Regional Plant Roof
  - B. Sheet **U-A00.48 Interior Storefront Schedule.**
    - 1. Interior glass changed from GL-9 to GL-10

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- C. Sheet **U-A00.49 Finish Legend**.
  - 1. Interior glass changed from GL-9 to GL-10
- D. Sheet **U-A07.00A Finish Legend**
  - 1. DG-4 changed to ¼" thick
  - 2. Revision to APC product number
- E. Sheet **U-A10.12 Level 0B Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- F. Sheet **U-A10.13 Level 01 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- G. Sheet **U-A10.14 Level 01 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- H. Sheet **U-A10.15 Level 01 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- I. Sheet **U-A10.16 Level 01 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- J. Sheet **U-A10.19 Level 02 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- K. Sheet **U-A10.20 Level 02 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- L. Sheet **U-A10.23 Level 03 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- M. Sheet **U-A10.24 Level 03 Interior Elevations**
  - 1. Interior glass changed from GL-9 to GL-10
- N. Sheet **U-A11.36 Exterior Wall Sections**
  - 1. Sheet added
- O. Sheet **U-A11.70 Curtain Wall Sections**

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1. Doors now graphically show 10" rail
  - P. **Sheet U-A11.71 Curtain Wall Sections**
    1. Doors now graphically show 10" rail
  - Q. **Sheet U-A11.72 Curtain Wall Sections**
    1. Doors now graphically show 10" rail
  - R. **Sheet U-A11.70 Curtain Wall Sections**
    1. Doors now graphically show 10" rail
  - S. **Sheet U-A12.22 Elevator Details**
    1. Sill guard detail revised.
- 1.6 REVISIONS TO DRAWING VOLUME 3
- A. **Sheet TA07.01C Exterior Video Wall Rack and Plate Details.**
  - B. **Sheet TA07.01D. Exterior Video Wall Sections**
  - C. **Sheet TA07.02B Games Lounge Elevations.**
  - D. **Sheet TA07.05B Cultural Center Elevations.**
  - E. **Sheet TA07.06B Multi-Use Meeting Space Elevations.**
  - F. **Sheet TA07.08B Large Event Space Elevations.**
  - G. **Sheet TA07.09B Tiered Senate Meeting Room Elevation.**
  - H. **Sheet TA07.10B Large Meeting Room Elevation.**
  - I. **Sheet TA07.15B Black Box Theater Elevations/Sections**
  - J. **Sheet TA07.15C Black Box Theater Elevations/Sections**
  - K. **Sheet TA07.15D Black Box Theater Details.**
- 1.7 REVISIONS TO DRAWING VOLUME 4
- A. **Sheet D-S-101 Basement Level Plan.**
    1. **Drawing 2:** Valve Detail added to sheet

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B. Sheet **D-S-102 First Tier Plan.**

1. Drawing **1**: Pressure Relief valves tagged on plan
- 2.

1.8 REVISIONS TO DRAWING VOLUME 5

A. Sheet **R-A04.01 Floor And Roof Plans.**

1. Drawing **C5**: New Roof tagged and added to assembly sheet U-A00.32

END OF DOCUMENT