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CLT22002.03

August 19, 2026

RE: UNC Charlotte Stormwater Master Plan Implementation Phase 1

Addendum Number Five

NOTICE TO BIDDERS:

Bidder is hereby notified that this Addendum shall become a part of the Contract Documents for the Project.

The following items are intended to revise and clarify the Drawings and Project Manual.

Bidder shall ensure that their Sub-Bidders are in full receipt of the information contained herein.

ADDENDA ITEMS:

Project Manual Sections

321811 - Crushed Stone Surfacing

Drawings

C1.11-A
C2.00-A
C2.01-A
C2.02-A
C3.00-A
C9.00-A
C9.01-A
C9.02-A
C9.03-A
L4 Series
L6.00-A

Reference Items

End User License Agreement – Electronic File
CAD Drawing file
ETI Illuminated Handrail Approved Equal Cutsheets

Miscellaneous

Contractor Questions

END OF TITLE PAGE

Project Manual

1. Section 321811 - Crushed Stone Surfacing

- a. Added Aggregate Base Course Article 2.1; subsequent Part 2 Articles were renumbered accordingly
- b. Changed Article 2.3.A.1 CRUSHED STONE GRAVEL from Barn Red, 1"-1-1/2" angular stone to 3/8" max. dense-graded crushed, angular stone
- c. Revised the note at the bottom of the Gradation table (Article 2.3.D)

Drawings

1. C1.11-A

- a. Updating erosion control notes to eliminate any mention of an erosion control basin

2. C2.00-A

- a. Removed "Barn Red" from (P-07) Aggregate Path paving description in the reference notes schedule

3. C2.01-A

- a. Removed "Barn Red" from (P-07) Aggregate Path paving description in the reference notes schedule

4. C2.02-A

- a. Updated (P-07) Aggregate Path paving information in the reference notes schedule
- b. Added detail reference to (W-05) Concrete Turndown Curb / Wall in the reference notes schedule

5. C3.00-A

- a. Revised TW elevation at northern end of lower biorientation cell
- b. Added wall and landscape inlet storm service lines with associated invert elevations

6. C9.00-A

- a. Revised Note #5 under "Stand Pipe Riser Outlet Structure Material Specifications" section

7. C9.01-A

- a. Changed size (48" dia.) and material (RCP) of pipe outlet structure in the lower biorientation cell; changed material (RCP) of pipe from outlet structure to endwall
- b. Rerouted wall drain lines around perimeter of bioretention cell walls, with outfall at end of riprap dissipator

8. C9.02-A

- a. Updated Cross Section A-A' to reflect lower cell outlet structure revision
- b. Updated the riser detail for clarity of pipe intersection

9. C9.03-A
 - a. Added Riser/Anti-Flotation Block Connection Detail
 - b. Updated the riser detail for clarity of pipe intersection
10. L4.00-A
 - a. Updated detail 4 to reflect revised aggregate path material; changed base course depth to 6" and surface course depth to 2"
 - b. Updated details 7 and 9 to reference new Typical Exterior Retaining Wall detail 3/L4.03-A
11. L4.01-A
 - a. Updated details 1, 3, 5, and 6 to reference new Typical Exterior Retaining Wall detail 3/L4.03-A
12. L4.02-A
 - a. Updated detail 1 to reference new Typical Exterior Retaining Wall detail 3/L4.03-A
13. L4.03-A
 - a. Added detail for (W-05) Concrete Curb / Wall
 - b. Added detail for Typical Exterior Retaining wall to clarify footing dimensions.
14. L6.00-A
 - a. Updated Lighting Schedule that includes post height and wall thickness
 - b. Changed fixture and pole specification in the Lighting Schedule to refer to electrical drawings; lighting fixture schedule on E001 provides accurate product information

Questions

The following questions have been received during the open question period for the project. These answers are direct guidance to the bidders and will ultimately be reflected in the conformed set of contract documents upon which the project contract will be based. Our response comments are **bold**.

1. Type OA: Please provide the following missing information for the pole base.
 - a. Pole: ANP Lighting CB1604
 - i. Pole Height
 - ii. Pole Wall Thickness
 - iii. Finish:

Answer. Pole to be 12' height with a .125" wall thickness. Finish is standard grade, color to most closely match University standard Malaga Green.
2. Handrails: Please note our agency is submitting an alternate for the Cole Lighting handrails, from Efficient Tec Lighting. Various cutsheets are attached and project gallery here.

Answer. Product as provided are an approved equal. Cutsheets are provided as part of this Addendum.

3. ADS says there's not enough room in 36" pipe to have two inverted underdrain outlets side by side per the plans. Requesting approval to substitute 4' diameter precast concrete structures to replace the 36" PVC stand pipes.

Answer. Detail updated for clarity of underdrain location, will be placed on opposite sides and not side by side as shown in previous detail.

4. Many walls will require shoring, including lowest retaining wall. Can subgrade soil nails from within the project limits be extended into the stream buffer zone for shoring purposes?

Answer. While we are aiming to avoid impacts to buffer as much as possible, soil nails may extend into the stream buffer for shoring purposes. However, if impacts to the buffer are necessary and trees are disturbed, buffer mitigation will be required. A mitigation plan will need to be provided once we know the full extent of that impact. The design team will prepare that mitigation plan based on the impacts provided by the contractor.

5. Is irrigation design and installation to be included with the landscape scope?

Answer. Yes, landscape contractor to provide irrigation design and installation as part of their scope.

6. Erosion control specifications states to install skimmer basin per plans. Plans reflect no sediment basin. Note 2 on C1.11-A of erosion control plans refers to basin design and multiple notes for installation and removal of basin are in the notes for construction sequence for bioretention area on C9.00-A. Is a sediment basin to be utilized during construction of this project? If so, please include basin on plans.

Answer. No basin needed, will remove from notes.

7. Note 9 of construction sequence on C9.00-A strongly recommends a 3"-4" mud mat to protect soil subgrade. Is this recommendation just for subgrade along spillway pipes? If not, please clarify.

Answer. Yes, just recommended under spillway pipe.

8. Can a detail for W-05 Concrete Turn Down Curb/Wall be provided?

Answer. Detail provided on L4.03-A.

9. PVC wall drains (design by others) will sit on top of footers at rough elevations of 659 and 657. Where and how does the project engineer intend to drain these at within the project limits?

Answer. Wall drains at the upper and lower bioretention cells were re-routed around the perimeter of bioretention cell walls, with the pipes daylighting near the end of riprap dissipator. See sheet C9.01-A.

10. Wall design is by others, but would project engineer be able to provide an appropriate footer schedule to use as guide for GC to coordinate bid costs for excavation and shoring needs?

Answer. Detail 3 on L4.03-A has been added to clarify footing dimensions for various wall heights.

11. Please clarify the extent of formliner finish on each face of CIP walls.

Answer. Formliner finish to be applied to exposed, above grade vertical face of the concrete walls/steps as indicated on drawings.

12. General note 18 on C9.00-A states that "retaining wall shall be assumed to be backfilled with off-site borrow material or processed fill unless contractor can provide owner with confirmation of available on-site soils can be used". However, page 11 of the geotech report under 4.4 Controlled Structural Fill states that "existing on-site soils appeared generally acceptable for reuse as controlled structural fill" and "Based on boring data, controlled structural fill may generally be constructed using the on-site soils". So is it safe to assume on site excavated materials are more than likely acceptable to be used for structural fill given the findings and recommendations in the geotech report?

Answer. Yes, based on geotechnical report, it is safe to assume that soil can be reused.

13. Can any further clarification be provided for Barn Red 1"-1.5" angular stone aggregate path (P-07)? Closest thing we could find is lava rock, which will crush and compact over time and use. Is this acceptable?

Answer. Barn Red Aggregate has been replaced with 3/8" max. dense-graded crushed, angular stone, natural gray color. See updated material information per the reference notes schedule on C2.02-A, revised detail 4/L4.00-A, and updated specification section 321811 Crushed Stone Surfacing provided in this addendum.

14. Specification manual references "owner standards" in relation to traffic control. Are there specific campus standards for pedestrian and vehicular traffic control measures that must be met/maintained?

Answer. Refer to C0.02 for instructions on the preparation and submittal of the comprehensive traffic control plan (TCP). The items listed therein need to be accounted for when developing the TCP. The prepared TCP will be reviewed by the University Construction Manager.

Sincerely,

MCADAMS



Kristen Mansfield, RLA
Senior Technical Manager