

## ADDENDUM # 1

RE: UNC Wilmington  
Coastal Engineering Building  
SCO: 20-21673-01A  
SGA|NW: 19-202-01

DATE: October 08, 2020

FROM: SGA | Narmour Wright Design  
1815 South Tryon St., Suite A  
Charlotte, NC 28203

TO: Pre-Qualified Bidders

---

### NOTICE TO BIDDERS:

This Addendum issued prior to receipt of bids shall and does hereby become a part of the Contract Documents for the above Project. This Addendum must be acknowledged on the Form of Proposal.

**All Prime Contractors shall be responsible for ensuring that their Subcontractors are properly apprised of the contents of this Addendum.**

All information contained in this Addendum shall supersede and shall take precedence over any conflicting information in the original Drawings and Specifications.

---

### CLARIFICATIONS:

#### **A. General:**

1. Pre-Bid Conference Meeting Minutes dated October 01, 2020 are attached.
2. Preferred Alternates Meeting Minutes dated October 01, 2020 are attached.

#### **B. Specifications:**

1. Specification Section 00 2213 UNCW SUPPLEMENTARY GENERAL CONDITIONS, Article 23 – Delete “**(\$2,000) Two Thousand Dollars per day**” and Add “**(\$500) Five Hundred Dollars per Day**” as liquidated damages
2. Delete Specification Section 00 4113 FORM OF PROPOSAL- SINGLE PRIME and replace with attached Specification Section 00 4113 FORM OF PROPOSAL- SINGLE PRIME (addendum #1).
3. Delete Specification Section 01 2300 ALTERNATES and replace with attached Specification Section 01 2300 ALTERNATES (addendum #1)
4. Delete Specification Section 08 3113 ACCESS DOORS AND FRAMES.
5. Delete Specification Section 23 0900 BUILDING AUTOMATION SYSTEM and replace with attached Specification Section 23 0900 BUILDING AUTOMATION SYSTEM (addendum #1)
6. Delete Specification Section 26 3212 ENGINE GENERATORS.
7. Delete Specification Section 27 0000 UNCW ITS Standards dated April 01, 2020 and replace with Specification Section 27 0000 UNCW ITSD Standards dated June 01, 2020. (addendum #1)

8. Delete Specification Section 27 1513 COMMUNICATIONS COPPER HORIZONTAL CABLING and replace with attached Specification Section 27 1513 COMMUNICATIONS COPPER HORIZONTAL CABLING (addendum #1)

**C. Drawings:**

1. Sheets A100, A300, A400, S100, S301 are revised/reissued to coordinate Architectural and Structural details with Alternates G-4 and G-6. (addendum #1)

**BID QUESTIONS AND RESPONSES:**

**A. Submitted Questions:**

1. Submitted by Thomas Construction – 09.29.20 - Are special inspections to be paid(sic) for by owner?  
**a. Yes**
2. Submitted by Thomas Construction – 09.29.20 - What are the University Guidelines for Covid-19 as called out in Spec Section 01 1000?  
**a. Reviewed by the owner in Pre-Bid Meeting, can also find on the UNCW website.**
3. Submitted by Thomas Construction – 09.29.20 - The bid form only lists 6 alternates, however, section 01 2300 lists 7 alternates. Which is correct?  
**a. Bid Form and Alternates lists have been updated and are reissued and attached with this addendum.**
4. Submitted by Thomas Construction – 09.29.20 - Is the Air Barrier consultant as described in section 01 4100 to be by Owner?  
**a. Yes**
5. Submitted by Thomas Construction – 09.29.20 - Is commissioning as described in section 01 9113 to be by owner?  
**a. Yes**
6. Submitted by Thomas Construction – 09.30.20 - The Drawings call for Cat 6A Cabling to all data locations. UNCW Standards call for Cat 6 at wall locations and Cat 6A for Wireless Access Points Only. Which spec overrides the other?  
**a. Cable requirements are revised in drawings to reflect Cat 6 at wall locations and Cat 6A at WAP locations in this Addendum #1. Sheet TC001 – Spec Section 27 1513 relaced as noted above.**
7. Submitted by Thomas Construction – 09.30.20 - Electrical drawing E701, Power Riser: The notes for the generator indicate that the generator is existing and there are several modifications that need to be performed. Can more information be supplied about the generator? (Manufacturer; part number; serial number.)  
**a. Olympian by Caterpillar Inc. Model D125P1. Serial number D3039A/001**
8. Submitted by Thomas Construction – 09.30.20 - Can the AISC Certification be waived for the Structural Steel Fabricator?  
**a. No**
9. Submitted by Thomas Construction – 09.30.20 - Can the AWI Quality Certification be waived for casework manufacturer?  
**a. No**
10. Submitted by Thomas Construction – 09.30.20 - The specification notes the horizontal cable should be Riser Rated (CMR) at a minimum. Please can you confirm Riser Rated cable is acceptable for this project?  
**a. Riser rated cabling is acceptable. There are no plenum spaces in project.**

11. Submitted by Thomas Construction – 09.30.20 - The rack elevations on print TC201 show a 3U UPS. Will the awarded Division 27 contractor be responsible for the UPS? Please can you provide specifications on the UPS?
  - a. **The UPS will be purchased and installed by the University.**
12. Submitted by Thomas Construction – 10.02.20 - Interior storefront “W1” is listed on the window schedule as Alternate 2. However, the schedule of alternates lists that wall (North wall of Faculty Open Lab) in Alternate 3. Please confirm which alternate “W1” should be in.
  - a. **Revise Alternate No. G-2 item 2. as follows:**  
“Alternate: provide interior storefront glazing (W-1, FLG-4) as indicated in the documents.”  
**Revise Alternate No. G-3 item 2. as follows:**  
“Alternate: provide interior storefront glazing (W-3, FLG-3) as indicated in the documents.”
13. Submitted by WM Jordan – 10.05.20 – General Conditions of the contract Article 10-d mentions permits. Please confirm building permit costs, impact fees, etc. will be by owner.
  - a. **Permits or fee costs if any, are by the owner.**
14. Submitted by WM Jordan – 10.05.20 – General Conditions of the contract Article 14-g mentions any contracts over \$2,500,000 to have a close loaded schedule. Please confirm this will be a requirement or if a non-cost loaded schedule would be sufficient/acceptable.
  - a. **Cost loaded schedules are required per SCO.**
15. Submitted by WM Jordan – 10.05.20 – " 002213 UNCW Supplementary General Conditions Article 23 #2 shows working hours but the hours are not included, and it says {Insert working hours} Please advise on allowed working hours. "
  - a. **Specification Section 00 2213 UNCW SUPPLEMENTARY GENERAL CONDITIONS, Article 23, item 2. Working hours – Add “7:00am – 6:00pm for site and exterior.”**
16. Submitted by WM Jordan – 10.05.20 – 002213 UNCW Supplementary General Conditions Article 40 lists 910-962-4019 for the Telecommunications Dept, however when called, that number goes straight to some unknown persons voicemail. Please advise.
  - a. **Specification Section 00 2213 UNCW SUPPLEMENTARY GENERAL CONDITIONS, Article 40 – Delete “910-962-4019” – Add “Wesley Padgatt – (910) 962-7725.”**
17. Submitted by WM Jordan – 10.05.20 – Sheet A405 detail B1 shows the cornice as PFM. Please confirm this is related to specification 066447 Formed plastic mouldings?
  - a. **Confirmed.**
18. Submitted by WM Jordan – 10.05.20 – Sheet A405 detail B1 show the cornice as PFM, however detail A5 on sheet A300 references GFRC Dentil? Please advise.
  - a. **Detail A5/A300 has been updated to indicate PFM and issued with this Addendum.**
19. Submitted by WM Jordan – 10.05.20 – There are door surrounds and cornice notes that call it PFM. Does this mean polyurethane foam molding? Please clarify.
  - a. **Correct.**
20. Submitted by WM Jordan – 10.05.20 – For the cornice and door surrounds will standard/stock moldings be acceptable if similar to drawings, or will the products need to be a custom match to what the drawings show. This will take additional time for quotes and also prolongs production lead times, etc vs stock items. Please advise.
  - a. **The profiles shown are standard stock moldings per the Basis of Design manufacturer.**

21. Submitted by WM Jordan – 10.05.20 – The cornice profile on A501 looks like GFRC or FRP and not polyurethane. Please confirm/advise what material they are.
- a. **Cornice is PFM as indicated on drawings.**
22. Submitted by WM Jordan – 10.05.20 – Column details A3 and D4/A501 shows the columns and pilasters as 13” which is a custom size and will require a new mold. Would it be acceptable for a standard 14” column? This would allow one of the specified companies to use a standard size vs custom. Please advise.
- a. **Similar stock columns are acceptable.**
23. Submitted by WM Jordan – 10.05.20 – The round columns standard profiles would actually be 13 5/8” and taper to 11 5/8” vs what is shown. Would this be acceptable?
- a. **Similar stock columns are acceptable.**
24. Submitted by WM Jordan – 10.05.20 – Please advise if exterior columns and formed plastic moldings gets painted. Spec 099113 does not seem to address.
- a. **Yes, 09 9113, 3.6 Exterior Painting Schedule B. is intended for these items.**  
**Add the following to Specification Section 09 9113, 3.6. B FRP and Plastic-Trim-Fabrication Substrates: (P-8) - “includes exterior columns and molding”**
25. Submitted by WM Jordan – 10.05.20 – Sheet A200 elevation A1 seems to show dental molding between column lines D.8 and C.6 only and doesn’t show up anywhere else? Also, elevation B1 cornice detail seems to be hatched across the whole elevation that does not match the other elevations? Please clarify.
- a. **Dentil molding is intended to be continuous around the entire perimeter of the building. Hatch pattern did not display properly.**
26. Submitted by WM Jordan – 10.05.20 – Specification 014100 Commissioning-Air Barrier 1.3-A-1. Seems to indicate the general contractor is to engage and pay for an independent air barrier consultant. Please confirm this is going to be carried by the owners commissioning agent?
- a. **Yes.**
27. Submitted by WM Jordan – 10.05.20 – Specification 078413 Penetration Firestopping- 1.7-A Mentions a “firm” which could suggest a single source for the entire project. Common practice for projects of this size is for trades to perform firestopping for their own scope of work. Please clarify if this is acceptable.
- a. **Yes.**
28. Submitted by WM Jordan – 10.05.20 – Specification 01100 -1.7 says that the owner will be performing site clearing. Please confirm this is still correct? If so, please describe the scope of the other contractor has and what condition subcontractors pricing this project can expect to be left with.
- a. **Owner has removed Trees and stumps only.**
29. Submitted by WM Jordan – 10.05.20 – Landscaping drawing LS101 does not show any new work at the stormwater control measure “A”. Shouldn’t there be a note on LS101 referencing civil drawing C9.03 which shows plantings in the stormwater areas?
- a. **Note has been added to Sheet LS101. Additional sod has been added to disturbed area around SCM.**
30. Submitted by WM Jordan – 10.05.20 – Landscape drawings LS101 the hatched SOD shading is cut off at the bottom of the page. Please clarify where the SOD limits are that are not shown on the page.

- a. **Sheet LS101 has been revised to show full extent of sod limits.**
31. Submitted by WM Jordan – 10.05.20 – Sheet C9.03 mentions a “Bid Alternate Geosynthetic Clay Liner According to General Note #8” We do not see a general note #8 on this page that seems to reference? We also do not see any bid alternate associated with this. Please clarify.
- a. **Alternate G-9 has been added to the Alternates and Bid Form. General Note #8 and other pertinent information is located on Sheet C9.00**
32. Submitted by WM Jordan – 10.05.20 – Sheet A002 detail BG1 lists perimeter insulation. Specifications list polystyrene board and mineral-wool board insulation. We would assume polystyrene board would be in below grade conditions while mineral-wool board insulation being behind brick in above grade conditions (Per detail; W1). Please clarify locations of types.
- a. **Yes, polystyrene board is to be used below grade and mineral-wool board insulation above grade.**
33. Submitted by WM Jordan – 10.05.20 – Sheet A002 details W1 and BG1 shows rigid board insulation but does not list thickness or R value. Specification 072100 does not seem to indicate thickness or R value. Please clarify.
- a. **BG1 and W1 on Sheet A002 has been revised to show 2" insulation for both.**
34. Submitted by WM Jordan – 10.05.20 – Sheet A210 detail D1 has a note that says markerboards are OF/OI, however specification 011000-1.7-1 Says the markerboards are OF/CI. Please clarify which is correct.
- a. **Markerboards are to be OFCI. D1/A210 has been revised.**
35. Submitted by WM Jordan – 10.05.20 – Sheet A800 shows a suspended slotted channel framing in Faculty Open Lab 1131. We have not been able to locate any details. Is this an owner provided equipment item? Please advise.
- a. **Additional Detail information is now provided on Sheet A210.**
36. Submitted by WM Jordan – 10.05.20 – Detail A4 sheet A502 shows a Knox Box. Does the university need any particular model?
- a. **Hardware specification 08 7100, 2.11 specifies Knox Box 3200 and other specifics**
37. Submitted by WM Jordan – 10.05.20 – Sheet A600 note #2 says toilet accessories such as soap dispensers, towel dispensers, changing tables, trash receptacles, etc. will be provide and installed by the owner. Please advise what “etc.” means. Does this also include mirrors and grab bars? Please clarify any toilet accessory items that the contractor is to provide/install.
- a. **Grab bars and mirrors are to be CFCI, all other toilet accessories are OFOI.**
38. Submitted by WM Jordan – 10.05.20 – Sheet A710 detail D2 has tube steel inside the lavatory casework. Would typical millwork construction be acceptable vs these steel tubes?
- a. **No.**
39. Submitted by WM Jordan – 10.05.20 – Sheet A101 shows notes [VD] in various locations. Please confirm these are owner provided and installed items.
- a. **Confirmed.**
40. Submitted by WM Jordan – 10.05.20 – Door schedule on A900 lists door types FG-2, however FG-2 is not shown on the door elevations in detail B4. Please advise.
- a. **Door schedule has been revised to reflect all FG-2 designations to be changed to FG-1 designations.**
41. Submitted by WM Jordan – 10.05.20 – Sheet M001, E001 and FP001 Coordination drawings notes mention BIM. It includes notes that the mechanical contractor is to organize meetings to

develop a set of BIM coordination drawings. It goes on to say in the second paragraph the contractor will be responsible for creating the model and managing the coordination? This is the only notes we have seen reference to BIM in the project documents? Please advise if these notes really apply to this project. If they do, please provide more information on what BIM process the GC will be responsible for, type of files project has been designed in, responsibility matrix, etc.

**a. The referenced notes apply to this project, project has been designed in REVIT 2019, the GC will be responsible for the coordination drawing final submittal.**

42. Submitted by WM Jordan – 10.05.20 – Is there a possibility of a bid date extension of one week to allow trade partners to have some additional time for pricing/digesting the addendum?

**a. No.**

43. Submitted by WM Jordan – 10.05.20 – Please provide structural details of dumpster enclosure and mechanical yard associated with Alternate G-4 if the screen walls are not accepted (base bid). With the way the details are currently shown if the screen walls were not added, the footings would not be needed and could simply be a turndown slab. Please advise.

**a. Structural details have been revised on Details 3,4,5, & 10 on sheet S301 to clarify construction for base bid/Alternate G-4.**

44. Submitted by WM Jordan – 10.05.20 – Various specifications call for mock-ups. We have not been able to locate any mock-up panels shown on the drawings. Please advise.

**a. General exterior mock-up is located on sheet A1/A500. Other mock-ups indicated in specifications are in-place mock-ups.**

45. Submitted by WM Jordan – 10.05.20 – Specification 072726 Fluid Applied Membrane Air Barriers 1.6-A mentions the installer to be ABAA certified. The owner is already engaging a qualified testing agency. Is this ABAA requirement something the design team is willing to remove?

**a. No**

46. Submitted by WM Jordan – 10.05.20 – Sheet A002 detail D4 shows waterproofing below grade, however we have not been able to locate a waterproofing specification. Please advise.

**a. D4/A002 has been updated to reflect dampproofing. Specification Section 07 1113 BITUMINOUS DAMPROOFING has been added and included with this addendum.**

47. Submitted by WM Jordan – 10.05.20 – Sheet A200 detail A1 has a note about gutter downspout boots. We have not been able to locate any information regarding downspout boots. Please advise.

**a. Sheet C802 indicates a cast iron boot to connect downspouts to drainage piping. Cast iron boots should be standard products by Smith, Zurn, MIFAB or similar equal.**

48. Submitted by WM Jordan – 10.05.20 – Specification 083323 1.3-C mentions “full range of colors” for clarification, does this mean full range of manufacturers standard colors? Or does “full range” meaning subcontractor should price a “Custom” color? Please clarify.

**a. Yes - Manufacturers standard colors.**

49. Submitted by WM Jordan – 10.05.20 – Specification 101423-2.2 Lists manufacturers, however it seems some of the ones listed are signage companies and not necessarily manufacturers. Would request the spec to be opened to “or equal”.

- a. **Revise the following to Specification Section 10 1423 PANEL SIGNAGE Part 2 PRODUCTS, 2.2 PANEL SIGNS A.1. to read "Manufacturers: Subject to compliance with requirements, provide products by but not limited to one of the following:"**
- 50. Submitted by WM Jordan – 10.05.20 – Specification 122113 has horizontal louver blinds. We have not been able to locate notes/locations on the drawings. Are we to assume all exterior aluminum windows? Please advise.
  - a. **See A900 General Note 2, "Provide Venetian mini blinds at all W-2 window types."**
- 51. Submitted by WM Jordan – 10.05.20 – Sheet A800 has Reception 1100 shown as ACT however finish schedule on ID200 has that room it listed as gyp board. Please clarify which is correct.
  - a. **ID200 has been revised to reflect ACP-1 in 1100 Reception.**
- 52. Submitted by WM Jordan – 10.05.20 – Sheet A800 has Mech 1131B shown without any ceilings, however finish schedule on ID200 has that room receiving ACP-1. Please clarify which is correct.
  - a. **ID200 has been revised to reflect no ceiling in 1131B Mechanical Room.**
- 53. Submitted by WM Jordan – 10.05.20 – Sheet A800 for the areas without ceilings. Please clarify if any of the structure above gets painted.
  - a. **No structure to be painted**
- 54. Submitted by WM Jordan – 10.05.20 – Sheet ID100 shows room 1104 having CPT-2, however finish schedule ID200 has that room receiving CPT-1. Please clarify.
  - a. **CPT-2.**
- 55. Submitted by WM Jordan – 10.05.20 – Sheet ID100 shows room 1131D having floor finish SC-2, however finish schedule ID200 has that room receiving SC-1. Please clarify.
  - a. **SC-2**
- 56. Submitted by WM Jordan – 10.05.20 – We do not see a roof plan. Is there one available?
  - a. **Roof plan has been provided in Addendum 1 on A102.**
- 57. Submitted by WM Jordan – 10.05.20 – Specification 123553.19-2.1 only list 3 manufacturers. Would ICI Scientific also be an acceptable manufacturer?
  - a. **Yes.**
- 58. Submitted by WM Jordan – 10.05.20 – Specification 012300 for Alternate #G-2 the description mentions storefront glazing for the North wall of the conference room. In looking at the drawings it looks like both storefronts FLG-4 and W-1 are part of this alternate which would be both north and south walls of the conference room? Please confirm.
  - a. **Revise Alternate No. G-2 item 2. as follows:  
"Alternate: provide interior storefront glazing (W-1, FLG-4) as indicated in the documents."**
- 59. Submitted by Thomas Construction – 10.02.20 – There is a note on sheet C9.00 for a "Bid Alternate Geosynthetic Clay Liner". This alternate is not listed on the bid form.
  - a. **Alternate G-9 has been added to the Alternates and Bid Form. General Note #8 and other pertinent information is located on Sheet C9.00**
- 60. Submitted by Thomas Construction – 10.02.20 - E001 TV/AV -- HDMI or Coax cables?
  - a. **No HDMI or coaxial cabling in Electrical or Telecommunications Scope. Category cabling shall be provided as indicated on TC plans.**
- 61. Submitted by Thomas Construction – 10.02.20 - Owner provided WAP (Wireless Access Point) or do we provide WAP along with the cabling?

- a. **Wireless Access Points will be owner furnished; owner installed. Contractor shall provide cabling.**
- 62. Submitted by Thomas Construction – 10.02.20 - TC201 24 strand fiber is 1500' long to Cameron Hall, but the 6 strand fiber goes to where and how many feet?
  - a. **6-strand fiber is routed from Security 1143 to MDF 1136. Both rooms are in the CEB building, refer to floor plans for distance.**
- 63. Submitted by Thomas Construction – 10.02.20 - Are there any cameras? Where and how many cables?
  - a. **There are no cameras within the scope of this project.**
- 64. Submitted by Thomas Construction – 10.02.20 - What is JACE?
  - a. **A JACE is a building management controller, provided by others, that will require a network connection.**
- 65. Submitted by Frank L. Blum Construction – 10.02.20 – The Drawings call for Cat 6A Cabling to all data locations. UNCW Standards call for Cat 6 at wall locations and Cat 6A for Wireless Access Points Only. Which spec overrides the other? The pricing difference will vary greatly depending.
  - a. **Cable requirements are revised in drawings to reflect Cat 6 at wall locations and Cat 6A at WAP locations in this Addendum #1. Sheet TC001 – Spec Section 27 1513 related as noted above.**
- 66. Submitted by Frank L. Blum Construction – 10.02.20 – UNCW is licensed for 896 readers for the Campus Lenel access system. They are adding (5) readers in this project. Can you verify they have open system license capacity for this add?
  - a. **University has confirmed**
- 67. Submitted by Thomas Construction – 10.02.20 - What material is to be used for the pediments in Alternates 2 & 6?
  - a. **Pediment does not exist in Alternate G-2. Reference Detail A1/A300 for pediment materials in Alternate G-6**
- 68. Submitted by Barnhill Construction – 10.06.20 - Is the tamperproof cycle counter necessary for the overhead coiling door? The only way to include that would be to convert the operation from manual to motorized.
  - a. **No. Delete the following in Specification Section 08 3323 2.2.B. – “1. Include tamperproof cycle counter.”**
- 69. Submitted by Samet Corporation – 10.06.20 - Spec section 01-1000-1.6. A.1 states that site clearing is to be performed by Owner. Please clarify the scope of this site clearing by owner. Is it just harvesting trees and leaving stumps? Is it harvesting trees and stumps only? Is it clearing and grubbing? Etc.
  - a. **Trees and stumps have been removed**
- 70. Submitted by Samet Corporation – 10.06.20 -Sheet A101 calls for the qty (4) point exhaust connections at Student Open Lab #1133 to be OFOI. Spec section 01-1000-1.8. B does not list these as being OFOI. Are these point exhaust connections OFOI or not?
  - a. **Yes – Point exhaust will be OFOI**
- 71. Submitted by Samet Corporation – 10.06.20 -Spec section 08-3323-2.2. B.1 calls for the overhead coiling door to have a tamperproof cycle counter. As the only way to include that feature would be to convert the operation from manual to motorized, is the tamperproof cycle counter necessary for the overhead coiling door?
  - a. **No. Delete the following in Specification Section 08 3323 2.2.B. – “1. Include tamperproof cycle counter.”**



72. Submitted by Samet Corporation – 10.06.20 -Please verify that the cost of the Project Expediter is paid for by the Designer as inferred in General Conditions Article 14-f.
- a. **Article 14-f. states "The Designer shall designate a Project Expediter on projects involving two or more prime contracts." There will only be one Prime Contract for this project.**
73. Submitted by Samet Corporation – 10.06.20 -Article 10-b states that the cost of all permits and inspections shall be the responsibility of the contractor. Article 10-d states that permits shall be obtained at no cost. Please clarify is permit cost or inspection fees need to be paid by contractor.
- a. **There are not permit or inspection fees on this project.**
74. Submitted by Samet Corporation – 10.06.20 -Article 10-b states that impact fees shall be paid by contractor. Please clarify the extent / cost basis for impact fees that will be required, if any.
- a. **There are no impact fees on this project**
75. Submitted by Samet Corporation – 10.06.20 -Sheet C9.00 reflects a Bid Alternate Geosynthetic Clay Liner and refers to General Note #8, which infers that the geotechnical engineer will determine if the clay liner is necessary – during construction. As this liner does not appear as an alternate on spec section 01-2300-2, please verify if any financial or labor consideration needs to be included within the bid for this (potential) clay liner at this time.
- a. **Alternate G-9 has been added to the Alternates and Bid Form. General Note #8 and other pertinent information is located on Sheet C9.00**
76. Submitted by Samet Corporation – 10.06.20 -Sheet A101 implies that the 2 windows in Faculty Research Lab #1113 require qty (2) Type W-2 windows but they are not labeled as such. Please confirm that Faculty Research Lab #1113 requires qty (2) Type W-2 windows and related jack arches, etc.
- a. **Windows are type W-2 and have been tagged in A1/A101.**
77. Submitted by Samet Corporation – 10.06.20 -Sheet A002 Detail C3 and Sheet A405 Details B2, A5, and B5 show a continuous non bituminous self-adhering air barrier at the underside of the roof decking. In researching the products allowed in spec section 07-2715.2.3.A.1, none of the specified produces can be used in the manner shown in the detail unless it is adhered to the underside of each and every flute in the underside of the roof decking or unless each flute (or gap in continuity) is filled with spray foam and then trimmed – both of which are extremely labor intensive / costly. Please clarify the detail and the desired method of limiting air migration through the roof.
- a. **These details have been revised (attached) to remove the self-adhering air barrier from the underside of the metal deck. Spray foam has been shown in order to create a seal between the vertical air barrier and the roof deck.**
78. Submitted by Samet Corporation – 10.06.20 -We do not see any specification for the required vented nailable insulation board shown, for example, on A002 Detail C3. Please provide specification with required R-value, thickness, manufacturer, etc.
- a. **Please refer to Specification Section 06 1600 Sheathing - 5" insulation thickness.**
79. Submitted by Samet Corporation – 10.06.20 -Sheet A405, Detail B1 does not shown the required roof overhang distance. What roof overhang distance is required?
- a. **Please refer to A1/A102 for roof overhang dimensions.**
80. Submitted by Samet Corporation – 10.06.20 -How does air circulate from the eaves to the ridge vent without a path of air travel between those two points? Should the nailable roof insulation board come with furring strips and the eave detail allow for some means of inflow to allow air to circulate?

- a. **Specification Section 06 1600 calls for composite nail base insulated roof sheathing to include furring strip /blocks. Eave details note discontinuous blocking to provide air flow**
81. Submitted by WM Jordan– 10.06.20 -FRP door specification lists SL-18 and SL-19 door type by special-lite. These are both contemporary wood grain finish FRP doors yet on the door schedule all FRP doors show a finish with either P-7 or P-9 which is field painted. Please clarify if the FRP doors are to be field painted (which would be unusual) or factory finished with veneer at interiors to match the interior wood doors. Also clarify if the exterior FRP doors are to be factory finished in selected color.
- a. **The Basis of Design product is available in an unpainted wood grain texture for field painting as specified.**
82. Submitted by WM Jordan– 10.06.20 -Specification 102113.17 Phenolic-Core Toilet Compartments does not list any manufacturers. Sheet ID200 only lists one. Please advise on other manufacturers that are acceptable or please consider adding “or equal” to specifications.
- a. **Add the following to Specification Section 10 2113.17 PHENOLIC-CORE TOILET COMPARTMENTS 2.2 –**
- A. **“Manufacturers: Subject to compliance with requirements, provide products by one of the following:**
1. **Bobrick Washroom Equipment, Inc.**
  2. **Bradley Corporation.**
  3. **General Partitions Mfg. Corp.**
  4. **Partition Systems International of South Carolina.**
  5. **Scranton Products”**
83. Submitted by WM Jordan– 10.06.20 -As a follow up to the request for ICI Scientifics to be added to the approved manufactures list for specification 123553.19 attached is more information on ICI.
- a. **Add the following to Specification Section 12 3553.19 WOOD LABORATORY CASEWORK 2.1 MANUFACTURERS, A. –**
- “3. ICI Scientific”**
84. Submitted by Thomas Construction– 10.06.20 -The FRP door spec lists SL-18 & SL-19-1 door type by special-lite. These are both contemporary wood grain finish FRP doors yet on the door schedule all FRP doors show a finish of with either P-7 or P-8 which is field painted. Can you clarify if the FRP doors are to be field painted?
- a. **The Basis of Design product is available in an unpainted wood grain texture for field painting as specified.**
85. Submitted by Thomas Construction– 10.06.20 -Please provide the size of downspout and the spec, if any, for the downspout adapters.
- a. **Downspouts anticipated to be standard 4 x6 and are specified in Section 07 6200 SHEET METAL FLASHING AND TRIM. Refer also to question 47**

**ATTACHMENTS:****GENERAL:**

Pre-Bid Conference Meeting Minutes  
Preferred Alternates Meeting Minutes

**SPECIFICATION SECTIONS:**

00 4113 FORM OF PROPOSAL – SINGLE PRIME  
01 2300 ALTERNATES  
07 1113 BITUMINOUS DAMPPROOFING  
23 0900 BUILDING AUTOMATION SYSTEM  
27 0000 UNCW ITS INFRASTRUCTURE STANDARDS FOR INSTALLATION  
27 1513 COMMUNICATIONS COPPER HORIZONTAL CABLING

**DRAWINGS:**

G000 COVER SHEET  
LS101 LANDSCAPE PLAN  
A002 TYPICAL EXTERIOR AND INTERIOR PARTITIONS  
A101 FLOOR PLAN  
A102 ROOF PLAN  
A210 BUILDING SECTIONS  
A300 WALL SECTIONS  
A400 ENLARGED ENTRANCE  
A405 ROOF DETAILS  
A410 UTILITY YARD  
A500 EXTERIOR DETAILS – BRICK, CONCRETE, CS, MTL, & MOCK-UP  
A800 REFLECTED CEILING PLAN  
A900 DOOR SCHEDULE, DOOR ELEVATIONS, & WINDOW ELEVATIONS  
ID200 FINISH KEY & ROOM FINISH SCHEDULE  
S100 STRUCTURAL FOUNDATION PLAN  
S301 FOUNDATION SECTIONS & DETAILS  
E001 ELECTRICAL LEGEND AND NOTES  
E701 ELECTRICAL DIAGRAMS  
TC001 TECHNOLOGY LEGEND AND NOTES  
TC 201 FIRST FLOOR TECHNOLOGY PLAN