

Addendum No: 1

Date: March 17, 2025

Project: AB North Campus Building Renovation

Project Number: 23143.00

The following Addendum contains clarifications and revisions to the construction documents issued for bid February 26, 2025 for the above-mentioned project. This addendum forms a part of the Contract Documents and modifies all previously issued specifications and drawings. Bidders shall update their Bidding Documents with the information contained in this Addendum. Where new Drawings are enclosed with this Addendum, discard the old Drawing and insert the new. Where Supplemental drawings (Sketches) are enclosed with this Addendum, attach the Supplemental drawing to the documents as noted. Where only written modifications are given, copy the information onto the appropriate Documents and note the Addendum number. All items contained herein shall be included with the Bid. Acknowledge receipt of this addendum by inserting the number and date on the bid form.

Note: This addendum does does not modify the bid due date.

General

- 1.1. Note that the following dates have changed:
 - 1.1.1. The Bid Date has been modified to Friday, March 28th, 2025 at 2:00 PM.
 - 1.1.2. The deadline for receipt of substitution requests has been modified to Tuesday, March 18th at 5:00 PM.
 - 1.1.3. The deadline for submitting questions has been modified to Wednesday, March 19th at 5:00 PM.
 - 1.1.4. The last addendum will be issued no later than Monday, March 24th at 5:00 PM.

Specifications

- 1.2. Mechanical
 - 1.2.1. Refer to the provided Mechanical Revision Narrative for drawing and specification modifications.
- 1.3. Electrical
 - 1.3.1. Refer to the provided Electrical Revision Narrative for drawing and specification modifications.
- 1.4. Technology
 - 1.4.1. Refer to the provided Technology Revision Narrative for drawing and specification modifications.

Drawings

- 1.5. Sheet A1.00B - GROUND FLOOR DEMOLITION PLAN – ZONE B
 - 1.5.1. Demolition note added to show portion of existing wall removed.
- 1.6. Sheet A1.01B - FIRST FLOOR DEMOLITION PLAN – ZONE B
 - 1.6.1. Demolition note added to show portion of existing wall removed.
- 1.7. Sheet A1.02B - SECOND FLOOR DEMOLITION PLAN – ZONE B
 - 1.7.1. Demolition note added to show portion of existing wall removed.
- 1.8. Sheet A1.03B - THIRD FLOOR DEMOLITION PLAN – ZONE B

- 1.8.1. Demolition note added to show portion of existing wall removed.
- 1.9. Sheet A1.04B - FOURTH FLOOR DEMOLITION PLAN – ZONE B
 - 1.9.1. Demolition note added to show portion of existing wall removed.
- 1.10. Sheet A1.05B - FIFTH FLOOR DEMOLITION PLAN – ZONE B
 - 1.10.1. Demolition note added to show portion of existing wall removed.
- 1.11. Sheet A1.06A - SIXTH FLOOR DEMOLITION PLAN – ZONE A
 - 1.11.1. Demolition note added to show portion of existing wall removed.
- 1.12. Sheet A1.08 - ALTERNATE DEMOLITION PLANS
 - 1.12.1. Walls in detail 2 have been shown as demo to reflect Add Alternate #4.
- 1.13. Sheet A1.80B - GROUND FLOOR DEMOLITION RCP – ZONE B
 - 1.13.1. Ceilings have been given a designated ceiling tag.
 - 1.13.2. Phasing legend has been updated to reflect ceiling phases.
 - 1.13.3. Keynotes have been added to ceiling to show extents of ceiling scope.
 - 1.13.4. Ceiling in room 024A has been removed.
 - 1.13.5. Walls for rooms 016 and 017 shown as existing to reflect base scope.
- 1.14. Sheet A1.81B - FIRST FLOOR DEMOLITION RCP – ZONE B
 - 1.14.1. Ceilings have been given a designated ceiling tag.
 - 1.14.2. Phasing legend has been updated to reflect ceiling phases.
 - 1.14.3. Keynotes have been added to ceiling to show extents of ceiling scope.
 - 1.14.4. Ceiling in rooms 120A and 117A has been removed.
- 1.15. Sheet A1.82B - SECOND FLOOR DEMOLITION RCP – ZONE B
 - 1.15.1. Ceilings have been given a designated ceiling tag.
 - 1.15.2. Phasing legend has been updated to reflect ceiling phases.
 - 1.15.3. Keynotes have been added to ceiling to show extents of ceiling scope.
 - 1.15.4. Lactation room RCP was removed.
- 1.16. Sheet A1.83B - THIRD FLOOR DEMOLITION RCP – ZONE B
 - 1.16.1. Ceilings have been given a designated ceiling tag.
 - 1.16.2. Phasing legend has been updated to reflect ceiling phases.
 - 1.16.3. Keynotes have been added to ceiling to show extents of ceiling scope.
- 1.17. Sheet A1.84B - FOURTH FLOOR DEMOLITION RCP – ZONE B
 - 1.17.1. Ceilings have been given a designated ceiling tag.
 - 1.17.2. Phasing legend has been updated to reflect ceiling phases.
 - 1.17.3. Keynotes have been added to ceiling to show extents of ceiling scope.
- 1.18. Sheet A1.85B - FIFTH FLOOR DEMOLITION RCP – ZONE B
 - 1.18.1. Phasing legend has been updated to reflect ceiling phases.

- 1.19. Sheet A2.00B - GROUND FLOOR CONSTRUCTION & FINISH PLAN – ZONE B
 - 1.19.1. Construction keynote added to show infill of wall opening.
- 1.20. Sheet A2.01B - FIRST FLOOR CONSTRUCTION & FINISH PLAN – ZONE B
 - 1.20.1. Construction keynote added to show infill of wall opening.
- 1.21. Sheet A2.02B - SECOND FLOOR CONSTRUCTION & FINISH PLAN – ZONE B
 - 1.21.1. Construction keynote added to show infill of wall opening.
- 1.22. Sheet A2.03B - THIRD FLOOR CONSTRUCTION & FINISH PLAN – ZONE B
 - 1.22.1. Construction keynote added to show infill of wall opening.
- 1.23. Sheet A2.04B - FOURTH FLOOR CONSTRUCTION & FINISH PLAN – ZONE B
 - 1.23.1. Construction keynote added to show infill of wall opening.
- 1.24. Sheet A2.05B - FIFTH FLOOR CONSTRUCTION & FINISH PLAN – ZONE B
 - 1.24.1. Construction keynote added to show infill of wall opening.
- 1.25. Sheet A2.06A - SIXTH FLOOR CONSTRUCTION & FINISH PLAN – ZONE A
 - 1.25.1. Construction keynote added to show infill of wall opening.
- 1.26. Sheet A8.00B - GROUND FLOOR RCP – ZONE B
 - 1.26.1. Ceilings have been given a designated ceiling tag.
 - 1.26.2. Room 024A to show no ceilings.
 - 1.26.3. Room 021B to receive new 2x2 ACT ceiling.
- 1.27. Sheet A8.01B - FIRST FLOOR RCP – ZONE B
 - 1.27.1. Ceilings have been given a designated ceiling tag.
- 1.28. Sheet A8.02B - SECOND FLOOR RCP – ZONE B
 - 1.28.1. Ceilings have been given a designated ceiling tag.
- 1.29. Sheet A8.03B - THIRD FLOOR RCP – ZONE B
 - 1.29.1. Ceilings have been given a designated ceiling tag.
- 1.30. Sheet A8.04B - FOURTH FLOOR RCP – ZONE B
 - 1.30.1. Ceilings have been given a designated ceiling tag.
- 1.31. Mechanical
 - Refer to the provided Mechanical Revision Narrative for drawing and specification modifications.
- 1.32. Electrical
 - Refer to the provided Electrical Revision Narrative for drawing and specification modifications.
- 1.33. Technology
 - 1.33.1. Refer to the provided Technology Revision Narrative for drawing and specification modifications.

Summary of Attachments**Specifications:**

- 237323 Custom Air Handling Unit Component Replacement
- 237324 Custom Air Handling Units
- 238414B Humidifiers – Electric Resistance Immersion Steam Gen Type
- 238415 Humidifiers – Steam Dispersion Devices & Accessories
- 271100 Telecom Equipment Room Fittings
- 271116 Cabinets, Racks, Frames, and Enclosures
- 271119 Termination Blocks and Patch Panels
- 271413 Copper Riser Cabling
- 271513 Copper Horizontal Cabling

Drawings:

- A1-00B Ground Floor Demolition Plan -Zone B
- A1-01B First Floor Demolition Plan – Zone B
- A1-02B Second Floor Demolition Plan – Zone B
- A1-03B Third Floor Demolition Plan – Zone B
- A1-04B Fourth Floor Demolition Plan – Zone B
- A1-05B Fifth Floor Demolition Plan – Zone B
- A1-06A Sixth Floor Demolition Plan – Zone B
- A1-08 Alternate Demolition Plan
- A1-80B Ground Floor Demolition RCP – Zone B
- A1-81B First Floor Demolition RCP - Zone B
- A1-82B Second Floor Demolition RCP – Zone B
- A1-83B Third Floor Demolition RCP - Zone B
- A1-84B Fourth Floor Demolition RCP – Zone B
- A1-85B Fifth Floor Demolition RCP – Zone B
- A2-00B Ground Floor Construction & Finish Plan – Zone B
- A2-01B First Floor Construction & Finish Plan – Zone B
- A2-02B Second Floor Construction & Finish Plan – Zone B
- A2-03B Third Floor Construction & Finish Plan – Zone B
- A2-04B Fourth Floor Construction & Finish Plan – Zone B
- A2-05B Fifth Floor Construction & Finish Plan – Zone B
- A2-06B Sixth Floor Construction & Finish Plan – Zone B
- A8-00B Ground Floor RCP – Zone B
- A8-01B First Floor RCP – Zone B
- A8-02B Second Floor RCP – Zone B
- A8-03B Third Floor RCP – Zone B
- A8-04B Fourth Floor RCP – Zone B

- M1-1B First Floor Demolition Plan – Zone B
- M1-2B Second Floor Demolition Plan – Zone B
- M1-4B Fourth Floor Demolition Plan - Zone B
- M2-0B Ground Floor Ductwork Plan – Zone B
- M2-1B First Floor Ductwork Plan - Zone B
- M2-2B Second Floor Ductwork Plan – Zone B
- M2-3B Third Floor Ductwork Plan – Zone B
- M2-4B Fourth Floor Ductwork Plan – Zone B
- M3-0B Ground Floor Piping Plan – Zone B

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- M3-2B Second Floor Piping Plan – Zone B
- M3-3B Third Floor Piping Plan – Zone B
- M3-4B Fourth Floor Piping Plan – Zone B
- M4-00 Enlarged Mechanical Room 024
- M4-10 Enlarged Penthouse 512
- M4-20 Enlarged Solar Mechanical 314
- M5-00 HW & CW Piping Schematics
- M5-20 Details
- M5-30 Details
- M5-90 AHU Details
- M6-30 ATC Diagrams
- M6-50 ATC Diagrams
- M6-60 ATC Diagrams
- M7-10 Schedules

- E2-0B Ground Floor Lighting Plan – Zone B
- E2-1B First Floor Lighting Plan – Zone B
- E2-2B Second Floor Lighting Plan – Zone B
- E2-3B Third Floor Lighting Plan – Zone B
- E2-4B Fourth Floor Lighting – Zone B
- E3-0B Ground Floor Power & Fire Alarm Plan – Zone B
- E5-1 Electrical Schedules and Details
- E6-2B Single-Line Diagram – New – Zone B
- E7-2 Panel Schedules

- T100 Ground Floor Overall Distribution Plan
- T300 Enlarged TR Layouts
- T301 Enlarged TR Layouts
- T304 Rack Elevations

Other Attachments:

- Existing Drawings
- RFI Log

END OF ADDENDUM



Project: Ball State – North Campus Building Renovation - CAP

Project Number: 2023-06043

PURPOSE: Addendum 01

ADDENDUM ITEMS:

DRAWING M1.1B

- A. Show existing AHU 2 Zone 2 thermostat as removed.

DRAWING M1.2B

- A. Show existing AHU 2 Zone 3 thermostat as removed.

DRAWING M1.4B

- A. Show existing AHU 2 Zone 4 thermostat as removed.

DRAWING M2.0B

- A. Revised ductwork plan as indicated.

DRAWING M2.1B

- A. Revised ductwork plan as indicated.

DRAWING M2.2B

- A. Revised ductwork plan as indicated.

DRAWING M2.3B

- A. Revised ductwork plan as indicated.

DRAWING M2.4B

- A. Modify Corridor E supply ductwork and diffusers.

DRAWING M3.0B

- A. Add thermostat associated with VAV-2-001.

DRAWING M3.2B

- A. Add thermostat associated with VAV-2-201A and VAV-2-201B.

DRAWING M3.3B

- A. Add thermostat associated with VAV-2-301A and VAV-2-301B.
- B. Add thermostat associated with VAV-1-306.

DRAWING M3.4B

- A. Add thermostat associated with VAV-2-401.
- B. Add thermostat associated with VAV-1-415.

DRAWING M4.00

- A. Revise HW piping to accommodate larger A.T.S.

DRAWING M4.10

- A. Revise new work plan note 6.
- B. Revise new work plan note 9.
- C. Add new work plan note 13.
- D. Revise demolition plan note 8.

DRAWING M4.20

- A. Add new work plan note 8.
- B. Add new work plan note 9.
- C. Revise demolition plan note 12.
- D. Add demolition plan note 14.
- E. Change plan note on Z Duct Unit to note 4.

DRAWING M5.00

- A. Remove pump bypass valves from chilled water and hot water diagrams.

DRAWING M5.20

- A. Modify Detail 3 title to include fan coil unit heating piping.

DRAWING M5.30

- A. Add fan coil unit piping cooling coil detail.

DRAWING M5.90

- A. Mirror AHU-3 Detail.
- B. Add access door widths.

DRAWING M6.30

- A. Remove hot water coil pump.

DRAWING M6.50

- A. Revise hot water system control diagram as indicated.
- B. Revise chilled water system control diagram as indicated.

DRAWING M6.50

- A. Revise air terminal unit sequences as indicated.

- B. Revise CUH sequences as indicated.

DRAWING M7.10

- A. Schedule exiting Air Terminal Units VAV-4-108 and VAV-4-109.

DRAWING E-2.0B

- A. Revised lighting plan as indicated.

DRAWING E-2.1B

- A. Revised lighting plan as indicated.

DRAWING E-2.2B

- A. Revised lighting plan as indicated.

DRAWING E-2.3B

- A. Revised lighting plan as indicated.

DRAWING E-2.4B

- A. Revised lighting plan as indicated.

DRAWING E-3.0B

- A. Revised MDF power plan as indicated.

DRAWING E-5.1

- A. Added fixture types DX, UC1, X1, & X2.
- B. Updated P4 as indicted.

DRAWING E6.2B

- A. Added panel EH1 feeder tag.

DRAWING E7.2

- A. Revised panel schedules as indicated.

Specification 23 33 00 AIR DUCT ACCESSORIES

- A. Paragraph 2.4 Add Pottorff as an approved manufacturer.

Specification 23 34 00 HVAC FANS

- A. Paragraph 2.3.A and 2.3.B Add PennBarry as an approved manufacturer.

Specification 23 36 16 A AIR TERMINAL UNITS

- A. Paragraph 2.2 Add Metalaire as an approved manufacturer.

Specification 23 37 00 AIR OUTLETS AND INLETS

- A. Paragraph 2.1 add Metalaire as an approved manufacturer.

Specification 23 73 00 MODULAR AIR HANDLING UNITS

- A. Paragraph 1.1 modify listed units to include only AHU-3.
- B. Paragraph 2.1.E Remove requirement for drain pans in “the first section downstream of the cooling coil, in the outside air intake opening section, in the humidifier section, in access sections between coils”.
- C. Paragraph 2.1.F Removed.
- D. Paragraph 2.3 Removed.
- E. Paragraph 2.4.B Removed.
- F. Paragraph 2.5.A replace with the following:
“Supply Fan for AHU-3 shall be direct drive single inlet centrifugal plenum type with inlet bell and free discharge. Blades shall be backwardly inclined double wall airfoil. A wire fan guard shall be provided at each inlet to the fan wheel. Fan bearings shall be permanently sealed with regreasable pillow block type self-aligning ball or roller bearings, 200,000 hour L50 average rated life. Fan assembly shall be statically and dynamically balanced throughout the operating range. The fan/motor assembly shall be dynamically balanced and vibration isolated.”
- G. Paragraph 2.5.B Removed.
- H. Paragraph 2.5.C Removed.
- I. Paragraph 2.5.D Change TEFC motor to ODP.
- J. Paragraph 2.5.E Removed.
- K. Paragraph 2.5.G Removed.
- L. Paragraph 2.5.H Removed.
- M. Paragraph 2.6 Remove “Provide a minimum of 18” intervening access space between multiple finned-tube coils in series.”
- N. Paragraph 2.6.A replace with the following:
“Preheat coil shall be hot water type with minimum 1/2 inch seamless copper tubes with 0.032 inch minimum wall thickness, aluminum fins, supply and return headers and galvanized steel frame. U-bend coil pipes and header connections shall be silver-brazed or TIG welded. Water velocity through the heating coil shall be maximum 5 fps at design flow rate.”
- O. Paragraph 2.7 Remove reference to Section 23 41 00 Air Filters.
- P. Paragraph 2.8 Removed.
- Q. Paragraph 2.9 Removed.
- R. Paragraph 2.10 Removed.
- S. Paragraph 2.12.C Removed.
- T. Paragraph 2.12.D Removed.

Specification 23 73 23 CUSTOM AIR HANDLING UNIT COMPONENT REPLACEMENT

- A. Updated section name as indicated
- B. Replace section in its entirety.

Specification 23 73 24 CUSTOM AIR HANDLING UNITS


- A. Add section in its entirety.

Specification 23 84 14 B HUMIDIFIERS - ELECTRIC RESISTANCE IMMERSION STEAM GEN TYPE

- A. Replace section in its entirety.

Specification 23 84 15 HUMIDIFIERS - STEAM DISPERSION DEVICES & ACCESSORIES

- A. Add section in its entirety.

	<p>Ball State University CAP Renovations Addendum 01</p>	<p>March 17th, 2025</p>
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SPECIFICATIONS:

1. 27 11 00 -TELECOM EQUIPMENT ROOM FITTINGS
 - a. Revised subsection 2.1.A.5.a
 - b. Revised subsection 2.1.C.6.a through 2.1.C.6.d
 - c. Revised subsection 2.1.D.11
2. 27 11 16 -COMMUNICATIONS CABINETS, RACKS, FRAMES, AND ENCLOSURES
 - a. Revised subsection 2.1.A.9
 - b. Revised subsection 2.2.A.8
 - c. Revised subsection 2.4.A.5
 - d. Revised subsection 2.4.A.6
 - e. Revised subsection 2.B.1
3. 27 11 19 -COMMUNICATIONS TERMINATION BLOCKS AND PATCH PANELS
 - a. Removed subsection 2.2.A.1
 - b. Revised subsection 2.2.A.2
 - c. Removed subsection 2.2.B.1
 - d. Revised subsection 2.3.A through 2.3.D
 - e. Added subsections 2.3.E
 - f. Added subsections 2.3.F
4. 27 14 13 -COMMUNICATIONS COPPER RISER CABLING
 - a. Revised subsection 2.1.A.2
5. 27 15 13 -COMMUNICATIONS COPPER HORIZONTAL CABLING
 - a. Revised subsection 2.1.A.1
 - b. Added Subsection 2.1.A.1.a
 - c. Added Subsection 2.1.A.1.b

DRAWINGS:

1. Sheet T100 – GROUND FLOOR OVERALL DISTRIBUTION PLAN
 - a) Revised conduit from skeletal to solid.
2. Sheet T300 - ENLARGED TR LAYOUTS
 - b) Showed existing conduits in Detail #1.
 - c) Removed network switch from Detail #2.
 - d) Added Sheet Note #18.
 - e) Revised Sheet Notes verbiage for #7 and #9.
 - f) Removed details #3 and #4
 - g) Added additional 2 post rack in MDF 024A.
- 2) Sheet T301 - ENLARGED TR LAYOUTS
 - a) Added Sheet Note #20.

- b) Added a New Security Enclosure to room 309A.
 - c) Updated Detail #8 and #13 title.
 - d) Added Detail NEW RISER 318A ENLARGED LAYOUT.
- 3) Sheet T304 – RACK ELEVATIONS
- a) Revised general notes A, B, and D to read NOT USED
 - b) Removed references in general notes to coax cabling
 - c) Removed single mode and coaxial riser cabling bullet points under note E
 - d) Revised rack elevations in details #1 and #2

ATTACHMENTS:

1. 27 11 00 -TELECOM EQUIPMENT ROOM FITTINGS
2. 27 11 16 -COMMUNICATIONS CABINETS, RACKS, FRAMES, AND ENCLOSURES
3. 27 11 19 -COMMUNICATIONS TERMINATION BLOCKS AND PATCH PANELS
4. 27 14 13 -COMMUNICATIONS COPPER RISER CABLING
5. 27 15 13 -COMMUNICATIONS COPPER HORIZONTAL CABLING
6. T100 – GROUND FLOOR OVERALL DISTRIBUTION PLAN
7. T300 - ENLARGED TR LAYOUTS
8. T301 – ENLARGED TR LAYOUTS
9. T304 – RACK ELEVATIONS

BSU - CAP Building Renovation Project

RFI Log

3/17/2025

#	RFI	Sent to A/E	Response By	Response Date	Response
1	This project requires the steel fabricator to be AISC certified. Can this be waived? Stephens Machine Inc. is not AISC certified but is a member and implements a quality program that is equal to or exceeds the requirements in the AISC certification program. We are also an IDOA Certified facility and have a successful history of projects of similar size and scope.	2/27/2025	Studio NYL	3/10/2025	Please see this LINK: https://www.aisc.org/globalassets/modern-steel/archives/2005/06/2005v06_quality_corner.pdf Generally, the quality control standards are not reduced and the supplier is still governed by the Code of Standard Practice (AISC). There will be additional Special Inspections required in the shop that will be a cost to the project. That said the amount of steel on the project is modest and may not be an issue. The cost savings for the preferred vendor should be weighed relative to the Quality and Special Inspections.
2	Referencing the Demolition RCP plans, there are multiple areas where the ceiling system is colored in blue, but does not have a keynote denoting ceiling demolition in that area, i.e. drawing A1.81B, room 104. Please review these areas, and provide plans labeling and showing the extents of ceiling demolition.	2/27/2025	MSA Design	3/13/2025	The Phasing Legend has been updated to provide clarity regarding existing, demolition, and new work. Keynotes have been added for clarity purposes.
3	Referencing the Architectural RCP plans, there are areas shown with dark black ceilings (i.e. 013A Professional Development) but do not have a ceiling designation. Please confirm what system should be provided in these areas.	2/27/2025	MSA Design	3/13/2025	Architectural RCP sheets have been updated to include ceiling designation for clarity purposes.
4	Please see attached substitution request for LuxWall Enthermal systems that could potentially be used to replace the glass only in lieu of the additional added framing. Attached are our two Product Performance Summaries, one for Enthermal and the other for Enthermal + (1" IG). Our Enthermal option is the least expensive way to go has exceptional summer and winter performance and carries a 20-year warranty. The Enthermal + IG will require one of our Luxwall Certified Enthermal+ fabricators to make unit and carries a 10-year warranty on the unit but will still have a 20-year warranty on the Enthermal ViG.	2/27/2025	Studio NYL MSA Design Heapy	3/10/2025	The proposed substitution can benefit the project. However there are multiple concerns that should be considered. 1) Lower lite must be laminated as overhead glazing. 2) Thermal losses at mullion/rafter must be considered. A retrofit for the lack of thermal break must be considered relative to condensation potential at the overhead glazing. These should be demonstrated as an or equal or better. It is likely that regardless of the center of glass U-Value, that some form of thermal improvement at the framing will be required for condensation purposes. So the adapter piece needs to remain or an alternative solution needs to be provided to prevent condensation issues at the frame. 3) Need confirmation if a Low-E coating can be applied to the glazing system to meet the stated performance of a U-factor of 0.047 and a solar heat gain coefficient of 0.22.
5	On sheet A6.02 Exterior Glazing Elevations, please confirm if Atrium Stairs and CERES elevations should be priced as New Curtain Wall.	2/28/2025	MSA Design	3/13/2025	Sheet A6.02 has been updated to address elevations that are to be New Curtain Wall.
6	Please confirm if new counters in restrooms 016, 017, 026, 118, 223, 323, 334, 423, and 510 should be included.	2/28/2025	MSA Design	3/13/2025	Counters in rooms 016 and 017 are part of Add Alternate #1. Counters in rooms 026, 118, 223, 323, 334, 423, and 510 are existing to remain.
7	Please provide a specification for the unit pavers shown on drawing A0.10.	3/11/2025	F.A. Wilhelm	3/13/2025	F.A. Wilhelm: The trees will need to be removed around the plaza area for access to the sloped facade. Please include pricing for stamped concrete per keynote 2.33 on drawing A0.10. 950 sf minimum. MSA Design: Per conversation with the owner, provide pricing for brick clay unit pavers to match existing, 950 SF minimum.
8	The Plan notes say to refer to Existing drawings for ceiling heights. Please provide copies of these existing plans.	3/11/2025	MSA Design	3/13/2025	The owner has agreed to provide existing drawings, which will be included in this addendum.
9	Regarding Add Alternate #4: Per detail #1 on A1.08 we are to demolish all the partitions that are dashed. But the RCP, detail #2 on A1.08 shows all the ceilings to remain. Then the ground floor RCP demo plan A1.80B shows all those ceilings coming out and the walls being removed. a. Please advise if the wall partitions and ceilings in the restroom area should be removed as part of the base bid scope. b. If not, please confirm that ceiling demolition should be included as part of our alternate pricing, as will be required if the wall partitions are removed in that area.	3/11/2025		3/13/2025	Detail #2 on A1.08 is to show the partitions and ceilings as demo. The ground floor RCP on A1.80B is to show only the ceilings as demo.

BSU - CAP Building Renovation Project

RFI Log

3/17/2025

#	RFI	Sent to A/E	Response By	Response Date	Response
10	Who will be responsible for hoisting and scaffolding?	3/12/2025	F.A. Wilhelm	3/12/2025	Each contractor will be responsible for providing their respective hoisting/scaffolding to complete the work of their subcontract, with one exception. BP 05A Structural Steel will be responsible for providing, erecting, maintaining, and dismantling scaffold for trades to access the area around the spiral staircase, from grid lines D to E and 20 to 21 at the Atrium for 6 months. Scaffold to be erected from the ground floor to a height where trades can safely reach the top of steel at the Atrium.
11	There are D1 fixtures in 021-2 on page E2.0B that are hatched to indicate an EM or NL, but there is no GTD device shown. Do they need one?	3/12/2025	Heapy	3/13/2025	Refer to Note 1 on the Luminaires schedule. i.e. integral. External GTDs are shown
12	What is the fixture type in the closet off room 021-2?	3/12/2025	Heapy	3/13/2025	There is no closet off of room 021-2. There is some casework. Light fixture shown is UC1. Added to Luminaires schedule.
13	Please add the exit light fixture designations to the fixture schedule.	3/12/2025	Heapy	3/13/2025	X1 and X2 are being added to the Luminaires schedule. Edge-lit LED EXIT sign w/ brushed aluminum housing. RED letters. Single/double sided per plans.
14	Fixture P20D show a hatched section with no GTD. Does it need one?	3/12/2025	Heapy	3/13/2025	Assuming this is in 3d Printer Lab 005-2, Yes, GTD is to be provided. Picked up in Addendum 01
15	Fixture type LW in the restrooms on the west end on ground floor have hatched sections but no GTD. Do they need some?	3/12/2025	Heapy	3/13/2025	Yes, provide a GTD as required. Restrooms in question are on the East end, not the West end.
16	Are the restrooms at the west end of ground floor the ones in Alternate #5?	3/12/2025	Heapy	3/13/2025	CM/Architect to clarify. Restrooms in question are on the East end, not the West end.
17	What is the fixture type on the U shaped stairs next to room 107-2 exhibit are on E2.1B? There are other ones shown on the upper floors as well.	3/12/2025	Heapy	3/13/2025	Fixture type DX, added to Luminaire schedule
18	Should the P16D fixture be direct? All the other P**D fixtures on the schedule are except for that one.	3/12/2025	Heapy	3/13/2025	Please review Luminaires schedule. P16 is scheduled at 500 direct / 350 indirect and P16D is 500 direct down. Lumens are per lineal ft.
19	There are other fixtures that are shown as EM, not on an EM circuit that do not show GTDs. P20, L20L, etc. Should these fixtures have GTDs?	3/12/2025	Heapy	3/13/2025	Yes. GTD may be internal or external. Circuit to the nearest EM circuit. Some fixtures shown on EM are not switched, i.e. electrical rooms, stairways, NL fixtures. In long linear fixtures, the EM circuit indicated is for all EM sections in the long fixture.
20	What is the "S" designation on the feeder schedule for?	3/12/2025	Heapy	3/13/2025	S is for a transformer secondary, typically a larger ground.
21	Who is to supply the VFD's? Is there to be a spec section for those?	3/12/2025	Heapy	3/13/2025	Heapy: Refer to specification 230514. Coordinate with CM as to who provides VFDs. F.A. Wilhelm: Per specification 230531 HVAC Equipment Drives, VFDs shall be provided by BP22A Plumbing & HVAC subcontractor. Also reference specification 230514 Adjustable Frequency Motor Controller.
22	What is the feeder size for panel EH1?	3/12/2025	Heapy	3/13/2025	The feeder breaker is 100A in EHDP, thus the feeder is C100--4W-3PH.
23	Where is panel RP-HA located?	3/12/2025	Heapy	3/13/2025	Panel RP-HA is located in Studio 109.
24	Please see attached substitution request for ABB Disconnects, and please advise if this proposed equipment is acceptable.	3/12/2025	Heapy	3/13/2025	GE/ABB are not approved per BSU standards.
25	Please see attached substitution request for ABB Controllers, and please advise if this proposed equipment is acceptable.	3/12/2025	Heapy	3/13/2025	GE/ABB are not approved per BSU standards.
26	Please see attached substitution request for ABB Panelboards, and please advise if this proposed equipment is acceptable.	3/12/2025	Heapy	3/13/2025	GE/ABB are not approved per BSU standards.
27	27 11 16 - Communications Cabinets, Racks, Frames & Enclosures 2.4 Rack Mounted Power Outlet Unit Manufacturer - Product *DISCONTINUED* Please advise what manufacturer/product shall be included.	3/12/2025	Design 27	3/13/2025	Current part numbers are being reviewed holistically and will be updated in Addendum on both sheets and drawings.
28	27 11 19 - Communications Termination Blocks & Patch Panels 2.3 Optical Fiber Patch Panels Manufacturer - Product *DISCONTINUED* Please advise what manufacturer/product shall be included.	3/12/2025	Design 27	3/13/2025	Current part numbers are being reviewed holistically and will be updated in Addendum on both sheets and drawings.
29	27 14 13 - Communications Copper Riser Cabling 2.1 Copper Riser Cabling Manufacturer - Product *DISCONTINUED* Please advise what manufacturer/product shall be included.	3/12/2025	Design 27	3/13/2025	Current part numbers are being reviewed holistically and will be updated in Addendum on both sheets and drawings.

BSU - CAP Building Renovation Project

RFI Log

3/17/2025

#	RFI	Sent to A/E	Response By	Response Date	Response
30	Based on Sheet T305 Detail 2 - Are T304 Notes 'A', 'B', 'D', & 'E' valid? A. If so, is there a site drawing for the tunnel system for the buildings listed and the respective MDFs?	3/12/2025	Design 27	3/13/2025	Notes are not valid and will be revised in Addendum.
31	Telecommunications & CATV Equipment/Components A. ID #4 - Discontinued B. ID #7 - Discontinued C. ID #8 - Discontinued D. ID #9 - Discontinued E. ID #10 - Wrong Product (P/N is for a Wall 110 Block) Please advise what manufacturers/products shall be included for these items.	3/12/2025	Design 27	3/13/2025	Current part numbers are being reviewed holistically and will be updated in Addendum on both sheets and drawings.
32	Can you advise if controls are to be included in Base bid for the Mechanical Contractor? All approved controls vendors are listed as alternates, and the work descriptions says to provide. I am assuming right now that we include one of the 3 in base bid and list the other 2 as alternate bids.	3/12/2025	F.A. Wilhelm Heapy		BP-22A Plumbing & HVAC shall include control hardware and sensing equipment "parts and smarts". Control wiring and pathways are by BP-26A Electrical. All controls shall be included as add alternates. No controls are included in base bid.
33	Note #H on general notes is confusing. Lighting circuits to remain but run out new home runs #10 wire. LED lights do not have much load. Please advise?	3/12/2025	Heapy	3/13/2025	Assuming this is regarding Note H on the electrical demolition sheets. While LED lights do not have much load, circuit load is what determines voltage drop which is why this note is on the demo sheets. To clarify, any new home runs should be run w/ #10 AWG back to the panelboard. Many home runs will need to be replaced depending upon how the existing lighting controls are currently run as the existing lighting controls are to be removed and new lighting controls installed.
34	Exit lights are missing from lighting schedule. Please advise.	3/12/2025	Heapy	3/13/2025	X1 and X2 are being added to the Luminaires schedule. Edge-lit LED EXIT sign w/ brushed aluminum housing. RED letters. Single/double sided per plans.
35	Lights in main stairway has no designation. Please advise.	3/12/2025	Heapy	3/13/2025	Fixture type DX, added to Luminaire schedule
36	Lights in universal bathrooms on 3rd and 4th floor have no designation.	3/12/2025	Heapy	3/13/2025	Fixture designation is P4.
37	Can we please explain the intent of all feeders. On E6.1B, do we demo all wire and reuse conduit where we can?	3/12/2025	Heapy	3/13/2025	Yes, confirmed. Refer to #39.
38	On E6.2B, is there all new wire going to existing panels or can we intercept existing feeds and make splices. Note #12 for instance.	3/12/2025	Heapy	3/13/2025	All feeders are to be new conductors, continuous w/o splices.
39	On E6.2B, all the bold branch panels are new and all the non-bold are existing to remain with new feeds? Can we reuse conduit if possible?	3/12/2025	Heapy	3/13/2025	Yes, existing conduits may be reused if in good condition.
40	We assume the new fire alarm devices tie into the old Johnson Control Panel?	3/12/2025	Heapy	3/13/2025	Yes, confirmed.
41	When looking at the RCP plans, there are light gray line ceilings (assuming existing no work), thicker black lines with ceiling type tags (obviously new), but there are also rooms with a thinner black line, and these don't seem to be identified and I'm not sure if they should be treated as old or new. Can you please provide additional clarification on the new and old ceiling locations?	3/12/2025	MSA Design	3/13/2025	RCP sheets have been updated to include keynotes for clarity.
42	Who is responsible to cut and patch floor for generator feeds, MDP feeds, and fire pumps feeds?	3/12/2025	MSA Design F.A. Wilhelm	3/13/2025	MSA Design: This falls under the contractor's means and methods and should be coordinated accordingly. F.A. Wilhelm: BP 26A Electrical is responsible for detailed layout. BP-10A General Trades is responsible for cut, demo, backfill/stone etc and putback.
43	Is a bid bond or P&P bond required for the project? I believe that they are, but wanted to ask the question since there is conflicting information within the construction documents.	3/12/2025	F.A. Wilhelm	3/25/2025	Reference Document 00 45 00 Appendix 7, item #4 for Bid Security requirements. Per Bid Form Attachment 1 - Bid Package Standard Bid Form, please provide add alternate pricing to provide a payment & performance bond.
44	Is there a builders risk policy for the project and if so, what is the deductible, and who is responsible for it?	3/12/2025			
45	Item #15 of BP #09A indicates that we are to install access panels that are provided by others. Do you have an anticipated quantity that we should plan for?	3/12/2025	F.A. Wilhelm	3/13/2025	BP 09A shall provide a unit price per access panel install, assume 24"x24" flanged, access panels furnished by MEP subs.
46	Can you please confirm that the MEP trades are responsible for acoustical caulking at their penetrations?	3/12/2025	MSA Design F.A. Wilhelm	3/13/2025	MSA Design: This falls under the contractor's means and methods and should be coordinated accordingly. F.A. Wilhelm: Bid packages 21A, 22A, 26A, and 27A shall be responsible for acoustical caulking at their respective penetrations.
47	Item #26 of BP #09A indicates the installation of drywall reveals. Can you please identify where they are located on the drawings, I wasn't able to find them?	3/12/2025	F.A. Wilhelm	3/13/2025	This scope item can be disregarded.