



ARCHITECTURE  
ENGINEERING

Date: June 21, 2018

Re: **NEW CAESAR RODNEY ELEMENTARY SCHOOL**  
Magnolia, Delaware  
2017073.00

### **ADDENDUM FIVE**

The addendum forms a part of the contract documents and modifies the original bidding documents dated May 14, 2018, as noted below.

### **GENERAL/CLARIFICATION**

1. Bid Date remains unchanged: June 26, 2018 at 3:00 PM.
2. For all roof penetrations of piping or conduit, refer to pitch pocket detail.
3. On A401, toilet accessories scheduled as 'By Owner' are to be Owner Furnished, Contractor Installed.

### **BIDDER'S QUESTIONS**

1. Please provide a spec for High Voltage cables shown on the primary side of the utility transformer on Drawing E500.
  - a. *High Voltage cable to be provided by Delmarva Power Co. Site has secondary electric service.*
2. Please provide sizes of quazite boxes shown on Drawing E700.
  - a. *Quazite boxes to be 18" H x 18" L with open bottom and min. tier 8 rated lid.*
3. Will all the site lighting conduit be required to be concrete encased per Detail 18 on Drawing E001?
  - a. *Site lighting conduit shall be in concrete duct bank where it passes from under the blacktop paving.*
4. Can the Arch differentiate which floors get RES-1 and which get RES-2?
  - a. *Answer provided in Addendum 5. Refer to A106A.*
5. Will wood blocking be required at ridge and valley? There are none shown on drawings.
  - a. *Provide blocking if required by approved roofing manufacturer.*
6. At the exterior windows there are plywood wraps around the windows opening, will any exterior other than the plywood be required?
  - a. *Exterior FRP/ PVC material will wrap jamb.*
7. Will wood blocking be required at exterior doors? None are shown.
  - a. *Yes. Where exterior finish is masonry, masonry finish will return to backup wall. Where exterior finish is FRP, provide plywood blocking.*
8. It is unclear whether cast stone to cast stone; cast stone to masonry; cast stone to dissimilar are to be pointed with mortar or caulk, please clarify.
  - a. *All cast stone joints can be pointed with sealant whether within cast stone or dissimilar materials.*
9. Reference details 1,2 and 9 on A502, please advise if cmu to cmu intersection at column wraps is to point with mortar or to be caulked
  - a. *Pointed with sealant.*
10. Please provide a section detail for work at 11/A407.
  - a. *Refer to 12/A407.*
11. Spec section 075416 – section 2.5 item B3. b notes composite board with high density foam (150 PSI) cover board on the flat roofs. Drawing A002 roof type 2 does not show or mention a cover board. Please clarify if a cover board is required.
  - a. *Separate cover board is not required, as top layer of insulation is composite insulation with high density layer.*
12. Spec section 075416 – section 2.5 item B3. b notes composite board with high density foam (150 PSI) cover board. Note that the industry standard for high density foam cover board is 100PSI. Is this acceptable?



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- a. *Please provide 150PSI.*
- 13. Spec section 075416 – section 2.5 item C 3a notes ¼” tapered insulation for the roof field. All areas scheduled to receive roof type 2 are structurally sloped. Please confirm that tapered insulation is not required in the field, with the exception of crickets.
  - a. *Tapered insulation is required at crickets only.*
- 14. Detail 3 on A527 indicates there is a cover board on the sloped roofs. Drawing A002 roof types 1 and 3 do not show or mention a cover board. If a cover board is required, please provide a specification.
  - a. *Cover board is not required.*

#### **PROJECT MANUAL VOLUMES 1, 2, 3 and 4**

- 1. 004113 Bid Form- 2017
    - a. REVISE bid form to include added alternates #9 and #10.
  - 2. 012300 Alternates
    - a. ADD the below sections.
      - I. I. Alternate No. Nine: Resilient Quartz Tile Flooring in Classrooms
        - II. 1. Base Bid: Provide VCT Flooring in the following rooms: A118, B101, B101A, B101B, B102,
        - III. B103, B104, B105, B107, B108, B109, B110, B112, B113, Alt. B114, Alt. B115, C101,
        - IV. C101A, C101B, C102, C103, C104, C105, C107, C108, C109, C110, C112, C113, Alt. C114,
        - V. Alt. C115 C201, C202, C203, C204, C205, C207, C208, C209, C210, C211, C213, C214,
        - VI. Alt. C215, Alt. C216.
        - VII.
      - VIII. 2. Alternate: In lieu of base bid, provide Quartz Tile in the above listed rooms.
    - J. Alternate No. Ten: Resilient Quartz Tile Flooring
      - IX. 1. Base Bid: Provide VCT Flooring in the following rooms: A100, A101, A101B, A102, A119,
      - X. A119A, A119B, A120A, A120B, A121, A121A, A128, A129, A130, A131, A131A, B100, B111,
      - XI. C100, C100B, C200, C111, C212.
      - XII. 2. Alternate: In lieu of base bid, provide Quartz Tile in the above listed rooms.
3. 047300 Manufactured Stone Masonry
  - a. ADD paragraph 2.1.A.2 as follows: “2. Custom Cast Stone, Inc; color to be determined by architect in field.”
4. 096519 Resilient Tile Flooring
  - a. ADD paragraph 1.2.A.3 as follows: “3. Resilient Quartz Tile (Alternates #9 & #10)
  - b. REVISE paragraph number ‘2.4’ to ‘2.5’
    - i. REVISE ‘2.4.A.’ to ‘2.5.A.’
    - ii. REVISE ‘2.4.B.’ to ‘2.5.B.’
    - iii. REVISE ‘2.4.C.’ to ‘2.5.C.’
    - iv. REVISE ‘2.4.D.’ to ‘2.5.D.’
  - c. ADD paragraph 2.4 as follows:
    - 2.4 RESILIENT QUARTZ TILE (RQT)
      - A. Basis-of-Design Product: Subject to compliance with requirements, provide Altro

Floors; Dolce Essentials Tile or a comparable product by one of the following:

1. Johnsonite.
2. Armstrong World Industries.
- B. Tile Standard: ASTM F 1066, Class 2, through pattern.
- C. Wearing Surface: Smooth.
- D. Thickness: 0.12 inch (3.0 mm).
- E. Size: 18 by 18 inches (457.2 by 457.2 mm).
- F. Colors and Patterns:
  1. RQT-1: Sicily ADE302.
  2. RQT-2: Venice ADE356
  3. RQT-3: Sole ADE362.
  4. RQT-4: Notte ADE329
5. 102800 Toilet, Bath and Laundry Accessories
  - a. REVISE paragraph 2.2.D to read "Liquid-Soap Dispenser (B): Provided by Owner but installed by contractor.
  - b. DELETE paragraphs 2.2.D.1- 2.2.D.7.
  - c. REVISE paragraph 2.2.G to read "Paper Towel (Folded) Dispenser (G): Provided by Owner but installed by contractor.
  - d. DELETE paragraphs 2.2.G.1- 2.2.G.6.
6. 237223 Packaged Air-to-Air Energy Recover Units
  - a. REVISE 2.03.a.10 to read "Coating: Polyurethane enamel. Factory finished in a custom color as selected by the architect."
7. 237413 Packaged Outdoor Central Station Air-Handling Units
  - a. REVISE 2.03.A to read "Cabinet: Galvanized steel with baked enamel finish, factory finished in custom color as selected by the architect including access doors with piano hinges and locking handle. Structural members shall be minimum 18 gage, with access doors or panels of minimum 20 gage."

## **DRAWINGS VOLUMES I AND II**

1. C002 Cover Sheet & Plan Notes
  - a. ADD General Note for DelDOT #17 and #33.
  - b. ADD Pavement Section Legend.
2. C601 Entrance 1 Signage & Striping Plan (West)
  - a. REMOVE or REVISE location of signage.
  - b. REVISE location of bike symbol and arrow.
  - c. REVISE numbering of Entrance Striping & Signage Construction Notes.
3. C602 Entrance 2 Signage & Striping Plan (East)
  - a. ADD note, "MID-BLOCK PEDESTRIAN CROSSING SHALL BE CONSTRUCTED IN A FUTURE PHASE AND SUBJECT TO DELDOT SIGNAL PLAN REVIEW AND APPROVAL."
  - b. REVISE width of shared use path ramp
  - c. REVISE signage locations
  - d. REVISE numbering of Entrance Striping & Signage Construction Notes.
4. C603 Entrance 1 Construction Plan (West)
  - a. REVISE truncated domes on shared use path
5. C604 Entrance 2 Construction Plan (East)
  - a. REVISE truncated domes on shared use path
6. C605 Entrance 1 Grading Plan (West)
  - a. REVISE and ADD spot shots
7. C606 Entrance 2 Grading Plan (East)
  - a. REVISE and ADD spot shots

8. C607 Cross Sections Briarbush Road
  - a. REVISE type B Material from “401014” to “401015”
  - b. REVISE grade changes
9. C608 Cross Sections Briarbush Road
  - a. REVISE type B Material from “401014” to “401015”
  - b. REVISE grade changes
10. C609 Cross Sections Briarbush Road
  - a. REVISE type B Material from “401014” to “401015”
  - b. REVISE grade changes
11. C610 Typical Section Briarbush Road
  - a. Section B-B & Section C-C
    - i. ADD 2’ wide edge with Max 6:1 slope on shared use path
12. C611 Entrance Plan Details & Signage
  - a. REVISE notes in Entrance Schedule
  - b. REVISE pavement safety edge detail
  - c. REVISE catch basin 2F top unit to type B in Catch Basin Schedule.
- S102A – Second Floor & Low Roof Framing Plan – Area A
  - a. ADD section cut 1/S402 & 9/S205sim
- S103A – High Roof Framing Plan – Area A
  - a. REVISE truss callouts at folding partition to T2A.
  - b. ADD (4) WT8x25 at hips.
  - c. REVISE (8) WT8x50 beams to WT8x25.
  - d. ADD (8) WT8x18 at bottom chord.
- S401 – Truss Elevations & Details
  - a. E1/S401
    - a. ADD Section callouts, notes and elevations per attached.
  - b. E2/S401
    - a. ADD member forces per attached.
  - c. E2A/S401
    - a. ADD truss elevation per attached.
  - d. E3/S401
    - a. ADD member forces and member sizes per attached.
  - e. E4/S401
    - a. ADD member forces and REVISE member sizes per attached.
  - f. E5/S401
    - a. ADD member forces and REVISE member sizes per attached.
  - g. F/S401
    - a. REVISE member size per attached.
  - h. G/S401
    - a. REVISE detail per attached.
  - i. H/S401
    - a. ADD section per attached.
  - j. J/S401
    - a. ADD section per attached.
- S402 – Framing Elevations & Details
  - a. 1/S402
    - a. ADD section per attached.
13. A101A First Floor Plan – Area A
  - a. REVISE swing of door A118/1.
14. A104A First Floor Reflected Ceiling Plan – Area A

- a. DELETE ceiling in Elec. A103B.
- 15. A106A First Floor Finish Plan – Area A
  - a. REVISE the following rooms to be RES-2:
    - i. Kitchen A122
    - ii. Serving A122A
    - iii. Dishwashing A122B
    - iv. Soap A122C
    - v. A122D Dry Storage
    - vi. A122E Freezer
    - vii. A122F Cooler
    - viii. A122G Receive
    - ix. A122H Office
    - x. A122J Toilet
    - xi. A122K Locker
- 16. A401 Enlarged Toilet Plans
  - a. Detail 1:
    - i. REVISE ‘LAV-1’ to ‘LAV-1A’.
    - ii. ADD accessory ‘M’ in A123A and A123B.
  - b. Detail 2:
    - i. REVISE ‘LAV-1’ to ‘LAV-1A’.
  - c. Plumbing Fixture Types
    - i. REVISE detail title “LAV-1 ACCESSIBLE LAVATORY” to “LAV-1/ LAV-1A ACCESSIBLE LAVATORY”
    - ii. ADD note to LAV-1/LAV-1A “PROVIDE AT LAV-1 ONLY”.
  - d. Toilet Accessory Schedule
    - i. DELETE accessory ‘HRC’ from schedule.
    - ii. REVISE accessory ‘M’ to read Hand Dryer – Dyson Airblade DB
- 17. A407 Enlarged Reception Desk, Elevations and Details
  - a. Detail 11:
    - i. ADD Section.
  - b. ADD detail 12.
- 18. A510 Section and Miscellaneous Details
  - a. Detail 2: REVISE to show signage locations at doors.
- 19. A527 Roof Details
  - a. Detail 3:
    - i. REVISE note “TOP OF INSULATION/ COVERBOARD” to “TOP OF INSULATION”
- 20. E000 - Electrical Cover Sheet
  - a. REVISE hon strobes on the electrical symbol legend.
- 21. EFA101A - First Floor Fire Alarm Plan - Area A
  - a. REVISE strobes and horn strobes.
  - b. ADD smoke detectors.
  - c. REVISE location of Two-way emergency communication system control point.
- 22. EFA101B - First Floor Fire Alarm Plan - Area B
  - a. REVISE horn strobes.
- 23. EFA101C - First Floor Fire Alarm Plan - Area C
  - a. REVISE horn strobes.
  - b. ADD smoke detectors.
- 24. EFA102B - Second Floor Fire Alarm Plan - Area C
  - a. REVISE horn strobes.
  - b. ADD smoke detectors.



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- 25. EL103B - Upper Level Plan - Area B
  - a. ADD horn strobes.
- 26. EL103C - Upper Level Plan - Area C
  - a. ADD horn strobes.
- 27. E700 - Electrical Site Plan
  - a. REVISE duct bank section arrows.
- 28. FP101 – Overall First Floor Fire Protection Plan
  - a. ADD note about sprinkler head types and locations.
- 29. FP102 – Overall Second Floor Fire Protection Plan
  - a. ADD note about sprinkler head types and locations.

END OF ADDENDUM NO. FIVE

Attachments: Becker Morgan Group, Inc. drawings C002, C601, C602, C603, C604, C605, C606, C607, C608, C609, C610, C611, A101A, A401, A407, A510, issue block dated 6.21.18  
Baker Ingram & Associates drawings S102A, S103A, S401, S402 issue block dated 6.21.18  
Studio JAED drawings E000, E700, EFA101A, EFA101B, EFA101C, EFA102C, EL103B, E103C, FP101, FP102 issue block dated 6.21.18  
Specification Sections: 004113, 096519, 237223, 237413

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