



State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

ADDENDUM No. FIVE

Project Name: Hunter Barn New Restrooms
Bellevue State Park

Project No.: B-26E

Contract No.: 2018-BH-100

Date of Issue: October 26, 2018

Notice No. 1: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specification and as shown on the drawings.

Bids Due: Thursday, November 1, 2018 at 1:30 PM
Auditorium
DNREC, Division of Parks and Recreation
89 Kings Highway, Dover DE 19901

Project Manual:

- 1 Refer to cover sheet: The contract number is incorrect. It shall read 2018-B-100.
- 2 New Specification Section 081433 Stile and Rail Wood Doors is included with this Addendum.

Questions and Responses:

- 1 Question: What is the diameter of the pit and the depth? We do not see this information on the drawings.
Response: The existing pit depth and diameter is unknown. Contractor is responsible for video scoping and tracing any inlets to the pit from another source, the pit, and the discharge of the pit to its termination. Provide engineer with all routing, distances, locations, inverts, pit conditions, discharge point, pump information, and quality of pipe. The proposed pit size shall be based upon the proposed pumps in addition to the gallons indicated.
- 2 Question: There is a conflict in the project manual with regard to the Contract Number, the front page of the specs lists contract number 2018-B-110 however all following spec pages are marked with contract number 2018-B-100 on the upper right hand corner. Please clarify the contract number.
Response: Refer to Item No. 1, Project Manual above for response.
- 3 Question: Do the marlite frp panels need to be fire rated? I couldn't tell by the spec.
Response: No, they are not fire rated.

- 4 Question: On Finish Plan A-602 at Janitor's Closet 106, clarify the FRP-2 wall protection required height.
Response: FRP shall be 4'-0" high.
- 5 Question: On Finish Plan A-602, clarify finish selection material for TR-3. The material is specified as both wood, and aluminum edge trim.
Response: Delete TR-3.
- 6 Question: On Finish Plan A-602, trim finish selections TR-1 and TR-3 are indicated at Women's 103 and Men's 103, but only TR-3 is shown on Sheet A201 Interior Elevations. Is trim TR-1 required? If so, advise locations.
Response: All references to TR-3 should be changed to TR-1 on all drawings.
- 7 Question: Revised door schedule on A-601, door # 102 calls for a "Type B Door" and a "Type 2 Frame",
8 however, the "Type 2 Frame" was deleted on the revised drawing. Please clarify.
Response: Door #102 shall use Type 1 Frame.
- 9 Question: Originally door 102 Type 2 Frame was to match the existing opening. If the type 2 frame is deleted, what material will be used to infill the left and right top of door 102. Please advise.
Response: See detail 4/A-311 as indicated on revised drawings A-101 and A-311.
- 10 Question: Addendum #2 revised drawings are labeled Addendum #1, also Addendum #3 drawings are labeled Addendum #2. Please clarify if this is just a typo or are we missing something.
Response: That is just a typo.
- 11 Question: Regarding as-built drawings, please confirm that the contractor does not own record transparencies or CAD file updates.
Response: Correct. Paper copies and scanned files are to be provided.
- 12 Question: Please clarify the extent of demo note H on AD-101. It seems to point to the exterior walls, but the wall finish is to remain on these walls.
Response: Refer to wall section 3/A3-11 w/ addendum date of 10/17/18.
- 13 Question: The elevations on drawing A-201 show horizontal lines of the FRP panels. What do these horizontal lines represent?
Response: They refer to the pattern on the FRP.
- 14 Question: Elevations 4 and 8 on drawing A-201 show both FRP and bead board finishes in the same location. Please clarify.
Response: The reference to bead board on these elevations should refer to the height of the FRP-1.
- 15 Question: Please provide a specification for the new wood doors.
Response: The specification is attached to this Addendum.
- 16 Question: Is the new underground piping and curb stop shown on 1/P-1 in this contract? If so, what is the size and material of this pipe?
Response: Yes, the piping and curb stop are in this contract. The line shall be 2-inch and copper as specified.
- 17 Question: Keynote 1 on drawing 2/P-2 refers to a grinder pump control/alarm panel. Is this panel part of the base bid or alternate #1?
Response: The control panel is to be included with Alternate #1.

- 18 Question: 4/A-101 does not show new ceiling joists on the left side of the drawing (part of rooms 104, 105, 106, and 107). Please confirm that new ceiling joists are required in this area.
Response: New ceiling joists are only required where indicated.

Attachments
End Addendum Five

**SECTION 08 14 33
STILE AND RAIL WOOD DOORS**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Interior stile and rail wood doors.
2. Factory fitting stile and rail wood doors to frames and factory machining for hardware.
3. Factory priming.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product, including the following:

1. Details of construction.
2. Door frame construction.
3. Factory-machining criteria.
4. Factory-priming specifications.

B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each type of door; construction details not covered in Product Data, including those for stiles, rails, panels, and moldings (sticking); and other pertinent data, including the following:

1. Door schedule indicating door and frame location, type, size, fire protection rating, and swing.
2. Door elevations, dimensions and location of hardware, lite locations, and glazing thickness.
3. Details of frame for each frame type, including dimensions and profile.
4. Details of electrical raceway and preparation for electrified hardware, access control systems, and security systems.
5. Clearances and undercuts.
6. Requirements for veneer matching.
7. Apply AWI Quality Certification Program label to Shop Drawings.

1.3 CLOSEOUT SUBMITTALS

A. Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.

1.4 QUALITY ASSURANCE

A. Manufacturer's Certification: Licensed participant in AWI's Quality Certification Program.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Use only materials that comply with referenced standards and other requirements specified.
1. Assemble interior doors, including components, with either dry-use or wet-use adhesives complying with ASTM D5572 for finger joints and with ASTM D5751 for joints other than finger joints.

2.2 INTERIOR STILE AND RAIL WOOD DOORS

- A. Interior Stile and Rail Wood Doors: Interior stock doors complying with AWI, AWMAC, and WI's Architectural Woodwork Standards and with other requirements specified.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
 - a. Assa Abloy, Maiman.
 - b. Karona by JELD-WEN.
 2. Performance Grade: WDMA I.S. 6A Heavy Duty.
 3. Architectural Woodwork Standards Grade: Custom.
 4. Panel Designs: Indicated on Drawings. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.
 5. Finish: Opaque.
 6. Door Construction for Opaque Finish:
 - a. Stile and Rail Construction: Clear softwood; may be edge glued for width and finger jointed.
 - b. Raised-Panel Construction: Clear softwood lumber; edge glued for width.
 7. Stile and Rail Widths: As indicated.
 8. Raised-Panel Thickness: Manufacturer's standard, but not less than 3/4 inch.
 9. Molding Profile (Sticking): Bead and cove.
 10. Mark, label, or otherwise identify stile and rail wood doors as complying with WDMA I.S. 6A and grade specified.

2.3 STILE AND RAIL WOOD DOOR FABRICATION

- A. Factory fit doors to suit frame-opening sizes indicated, with the following uniform clearances and bevels unless otherwise indicated:
1. Clearances:

- a. Provide 1/8 inch at heads, jambs, and between pairs of doors.
 - b. Provide 1/2 inch from bottom of door to top of decorative floor finish or covering.
 - c. Where threshold is shown on Drawings or scheduled, provide not more than 3/8 inch from bottom of door to top of threshold.
2. Bevel non-fire-rated doors 1/8 inch in 2 inches at lock and hinge edges.
- B. Fabricate stile and rail wood doors in sizes indicated for field fitting.
- C. Factory machine doors for hardware that is not surface applied.
1. Locate hardware to comply with DHI-WDHS-3.
 2. Comply with final hardware schedules, door frame Shop Drawings, BHMA-156.115-W, and hardware templates.
 3. Coordinate measurements of hardware mortises in metal frames to verify dimensions and alignment before factory machining.

2.4 FACTORY PRIMING

- A. Doors for Opaque Finish: Shop prime faces, all four edges, edges of cutouts, and mortises with one coat of wood primer specified in Section 09 91 23 "Interior Painting."

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Hardware: For installation, see Section 08 71 11 "Door Hardware (Descriptive Specification)."
- B. Install doors and frames to comply with manufacturer's written instructions and referenced quality standard, and as indicated.
- C. Job-Fitted Doors:
1. Align and fit doors in frames with uniform clearances and bevels as indicated below.
 - a. Do not trim stiles and rails in excess of limits set by manufacturer or permitted for fire-rated doors.
 2. Machine doors for hardware.
 3. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.
 4. Clearances:
 - a. Provide 1/8 inch at heads, jambs, and between pairs of doors.
 - b. Provide 1/2 inch from bottom of door to top of decorative floor finish or covering unless otherwise indicated on Drawings.
 - c. Where threshold is shown on Drawings or scheduled, provide 1/4 inch from bottom of door to top of threshold unless otherwise indicated.
 5. Bevel non-fire-rated doors 1/8 inch in 2 inches at lock and hinge edges.

- D. Factory-Fitted Doors: Align in frames for uniform clearance at each edge.
- E. Factory- Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

3.2 ADJUSTING

- A. Operation: Rehang or replace doors that do not swing or operate freely.
- B. Finished Doors: Replace doors that are damaged or do not comply with requirements. Doors may be repaired or refinished if Work complies with requirements and shows no evidence of repair or refinishing.

END OF SECTION