ADDENDUM NO. 1

Date: 4 May 2015

Re: Exterior Painting & Repairs - Sebring Aimar, Anderson, & Pink Houses
Project No. H51-N336-PG

From: Whitney Powers
Studio A, Inc.

To: Bidders/Planholders

This Addendum forms a part of the Contract Documents and modifies the original Construction Documents, dated 20 February [2014], corrected herewith as 2015, and as noted below.

This Addendum consists of two (2) pages, with the revised date of 1 May 2015. There is one (1) Attachment consisting of three pages to this Addendum, as follows:

PROJECT MANUAL - SECTION 055000 METAL FABRICATIONS
1. Attached is Section 055000 Metal Fabrications to be included in the Project Manual. The Table of Contents is hereby modified to include this Section.

BID DATE REVISION
2. The SE-310 is modified as follows:
   Bid Closing Date: May 12, 2015
   Time: 3:00 PM
   Place: MUSC Engineering & Facilities, 97 Jonathan Lucas St, Conference Room (#209)

QUESTIONS/CLARIFICATIONS
3. Clarification - Notes on each drawing sheet indicate that ”All previously painted surfaces to be repainted.” All previously painted surfaces, as well as new replacement and repair work including shutters, are to be painted/repainted per specifications. No surfaces are pre-finished.
4. Question - New metal stair is to receive paint per SECTION 099100 PAINTING, 3.14 EXTERIOR PAINT TABLES, Paragraph G. Steel/Ferrous Surfaces. See Item 11 below for correction to primer.
5. Clarification - Sheet A2.1, Photo 7 refers to the underside of the stair landing.
6. Clarification - ICI Dulux was acquired by PPG Paints in 2012. PPG Paints, noted in parenthesis, is included as an acceptable manufacturer.


Studio A, Inc.
474B King Street
Charleston, South Carolina 29403
843 • 577 • 9641 voice
www.studioa-architecture.com
EXISTING METAL STAIR INFORMATION
7. The existing metal helical egress stair, serving the Sebring-Aimar House, was manufac-
tured by Weland AB. The US representative is Hidek Supply, Attn: John Trotta, 3309 Brookrun Drive, Jamestown, NC 27282, (336) 855-7279.

DRAWING A2.1
8. Correction - There is a reference to Sheet A5.1. Sheet A5.1 is no longer included in the scope of work.

SHEETS 2.5 THRU 2.8
9. Correction - In the box referring to "WOOD REPLACEMENT ALLOWANCE THIS ELEVATION," the square footage indicated should be followed by: "in addition to areas noted on drawings." This matches the same note on sheets A2.1 thru A2.4, Elevations, Sebring-Aimar House.

SHEET A2.7
10. Gray area indicated is labeled R10 and should be labeled R4 for the siding repairs/replacement.

SECTION 99100 - PAINTING
11. Correction - Paragraph 3.14 Exterior Paint System, Item E. Masonry, Weathered, Soft with Age (Including Unglazed Brick) - This is no longer included in the scope of work.

This Addendum supersedes and supplements all portions of the bidding documents with which it conflicts.
SECTION 055000 - METAL FABRICATIONS

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Fabricated metal, including:
   1. Straight run stair. Match existing configuration except as otherwise indicated.
   2. Handrails and guardrails.
   3. Pipe bollards.

1.2 SECTION REQUIREMENTS

A. Structural Performance:
   1. Provide stairs capable of withstanding a uniform load of 100 lbf/sq. ft. (4.79 kN/sq. m) and a concentrated load of 300 lbf (1.33 kN) applied on an area of 4 sq. in. (2580 sq. mm). Uniform and concentrated loads need not be assumed to act concurrently.
   2. Provide railings capable of withstanding a uniform load of 50 lbf/ft. (0.73 kN/m) and a concentrated load of 200 lbf (0.89 kN) applied to handrails and top rails of guards in any direction. Uniform and concentrated loads need not be assumed to act concurrently.
   3. Provide railing infill capable of withstanding a concentrated load of 50 lbf (0.22 kN) applied horizontally on an area of 1 sq. ft. (0.093 sq. m). Infill load and other railing loads need not be assumed to act concurrently.

B. Submittals:
   1. Shop Drawings.
   2. For stairs and railings, provide structural analysis data signed and sealed by a qualified professional engineer.

PART 2 - PRODUCTS

2.1 METALS

A. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M.

B. Steel Tubing: Cold-formed steel tubing complying with ASTM A 500, Grade B.

C. Rolled Steel Floor Plate: ASTM A 786/A 786M.

D. Steel Pipe: ASTM A 53, standard weight (Schedule 40), black finish.

2.2 GROUT

A. Nonshrink, Nonmetallic Grout: ASTM C 1107; recommended by manufacturer for exterior applications.

2.3 FABRICATION
A. General: Shear and punch metals cleanly and accurately. Remove burrs and ease exposed edges. Form bent-metal corners to smallest radius possible without impairing work.

B. Welding: Weld corners and seams continuously. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals. At exposed connections, finish welds and surfaces smooth with contour of welded surface matching those adjacent.

C. On units indicated to be cast into concrete or built into masonry, provide welded steel strap anchors, 1/8 by 1-1/2 inches (3.2 by 38 mm), with a minimum 6-inch (150-mm) embedment and 2-inch (50-mm) hook, not less than 8 inches (200 mm) from ends and corners of units and 24 inches (600 mm) o.c.

D. Fabricate steel pipe columns with 1/2-inch (12-mm) steel base plates and 1/4-inch (6-mm) steel top plates welded to pipe with continuous fillet weld same size as pipe wall thickness. Drill top plates for connection bolts and base plates for 5/8-inch (16-mm) anchor bolts.

E. Fabricate pipe bollards from Schedule 40 steel pipe.

F. Stair Framing: Fabricate stringers of steel channels. Construct platforms of steel channel headers and miscellaneous framing members.

G. Metal Floor Plate Stairs: Form treads and platforms from rolled-steel floor plate of thickness needed to comply with performance requirements, but not less than 3/16 inch (4.8 mm) thick. Form treads with integral nosing and back edge stiffener. Weld steel supporting brackets to stringers and weld treads to brackets.

H. Steel Tube Railings: Fabricate railings to comply with requirements indicated, but not less than that needed to withstand indicated loads.
   1. Configuration: 1-5/8-inch- (41-mm-) diameter top and bottom rails, 1-1/2-inch- (38-mm-) square posts, and 1/2-inch- (13-mm-) square pickets spaced less than 4 inches (100 mm) clear.
   2. Fabricate railings with welded connections. Cope components at connections to provide close fit, or use fittings designed for this purpose.
   3. Form changes in direction of railings by bending or by inserting prefabricated fittings.
   4. Provide wall brackets, end closures, flanges, miscellaneous fittings, and anchors for interconnecting components and for attaching to other work.

I. Connect posts to stair framing by direct welding.

2.4 STEEL AND IRON FINISHES

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes. Finish metal stairs after assembly.

B. Hot-dip galvanize steel after fabrication for installation at exterior locations.

C. Prepare uncoated ferrous metal surfaces to comply with SSPC-SP 3, "Power Tool Cleaning," and paint with a fast-curing, lead- and chromate-free, universal modified-alkyd primer complying with MPI#79.

PART 3 - EXECUTION

3.1 INSTALLATION
A. Perform cutting, drilling, and fitting required for installing miscellaneous metal fabrications. Set metal fabrication accurately in location, alignment, and elevation; with edges and surfaces level, plumb, true, and free of rack.

B. Fit exposed connections accurately together to form hairline joints. Weld connections that are not to be left as exposed joints. Do not weld, cut, or abrade surfaces of exterior units that have been hot-dip galvanized after fabrication and are for bolted or screwed field connections.

C. Attach handrails to wall with wall brackets. Use type of bracket with predrilled hole for exposed bolt anchorage.

END OF SECTION 05500