ADDENDUM 2

ADDENDUM DATE: March 5, 2018

PROJECT: Onslow County Crisis Center Renovation Project
215 Memorial Drive
Jacksonville, NC 28546

OWNER: Onslow County
234 NW Corridor Blvd
Jacksonville, NC 28540

ARCHITECT: Smith Sinnett Architecture, P.A.
4600 Lake Boone Trail, Suite 205
Raleigh, North Carolina 27607

BIDS DUE: Tuesday March 13th, 2018 at 3:00 p.m.
Onslow County Government Center
234 NW Corridor Blvd.
Room 111
Jacksonville, NC 28540

Please note, Project Addendums and Bidders List are available at www.smithsinnett.com under the 'Documents' icon on the navigation bar.

This Addendum shall be included in the contract for the above referenced project. All General, Supplementary and Special Conditions, etc., as originally specified or as modified below shall apply to these items.

This Addendum consists of 10 pages. Attached documents include: (1) Specification section, (1) Subcontractor site visit sign-in sheet, and (1) drawing sheet.

GENERAL CLARIFICATIONS AND NOTES

Item 1 Please correct email address in Pre-Bid Sign-In Sheet for Pro Construction. It should read, proconnc@gmail.com

Item 2 See attached sign-in sheet for the subcontractor site visit on 2-28-2018. (1 sheet)

Item 3 The Asbestos Contract shall submit and receive all necessary Approvals and Permits from the State Health Hazards Control Unit prior to the General Contractor submitting to the County Inspections for a Demolition Permit. Refer to the requirements in Specification Section 02 80 00 Facility Remediation. Contact Jo Martin with SM&E to schedule the asbestos air quality monitoring prior to commencement of the asbestos abatement. SM&E contact information is provided in the specifications.

CHANGES TO SPECIFICATIONS

Item 4 DELETE Section 06 40 23 Interior Architectural Woodwork. Refer to Section 12 32 16 Manufactured Plastic Laminate Clad Casework for all interior cabinet requirements.

Item 5 Section 07 27 00- Non Permeable Air and Vapor Barrier (Approved Equal)
Revise Subparagraph 2.1 A. 1. a. 2) to read as follows 2) Henry Company. Air Bloc 16MR

Item 6 REPLACE-Section 07 21 00 Thermal Insulation with the revised sheets attached to this addendum. (4) sheets total

Item 7 Section 09 29 00- Gypsum Board : Delete Section 3.9 Corner Guard Installation.
Clarification: There are NO Corner Guards specified in the project

Item 8 Section 09 91 00- Painting : Clarification- Refer to 3.3 Preparation of Existing Surfaces. The contractor shall remove all loose surface materials and patch walls back to smooth finish prior to painting existing wall and ceiling finishes in both buildings.

Item 9 Section 10 11 00 Visual Display Boards:

REVISE Part 2- Products A. to Contractor Furnished

REVISE under 3.7 Visual Display Board:

A. Markerboard:
1. Porcelain-enamel Magnetic markerboard assembly

ADD the following section under 3.7 Visual Display Board:

B. Tackboard: Factory assembled.
Tack Surface: Vinyl-fabric-faced tack assembly.
Edges: Concealed by trim.
a. Factory-Applied Aluminum Trim: with clear anodic finish.
1) Color: As selected by Architect from full range of industry colors and color densities.
Width: As indicated on Drawings.
Height: As indicated on Drawings.
Mounting: Wall.
Mounting Height: As indicated on Drawings.

Item 10 Section 10 14 00-Signage: Revise Under 2.2 Panel Signs B. Interior Panel Signs (includes fire extinguisher signs and fire pull station signs)- Corner conditions and edge condition are to be bull nosed and mechanically fastened with tamper resistant fasteners for ligature resistant in the Crisis Center building only.

CHANGES TO DRAWINGS

Site Plan- Fire Service Connection Plan

Item 11 CLARIFICATION: The site plan shows the fire line entering the crisis center building on the west side of the existing back entry walkway. The entry and tie in of the fire line into the Crisis Center building is located near the AHU and crosses the existing back entry concrete slab. Refer to FP1-01 for the correct location and tie in to the Riser Room 210. Note: The contractor will need to demo and reinstall a portion of the existing concrete slab after installation of new fire line unless the line is bored under the slab.

Sheet A0-02 & A0-06

Item 12 Keynote #1: Clarification- The gutters and downspouts should be dotted on roof demolition plan 1/A0-02 and elevations 2 & 4/A0-06 to show they are being demoed so new gutter and downspouts can be installed.

Sheet A1-01

Item 13 Keynote #11: Change detail reference from, SEE A5-10; to SEE (6/A3-01).

Item 14 Keynote #15: Delete key note #15 at Office 216 only. The only existing FACP is located by note #15 next to Riser 210.

Sheet A1-02

Item 15 Keynote #17 for Mechanical Louvers. Refer to Mechanical Sheet M1-02 for exact location and type. The contractor will need to provide any necessary metal panel system support to install the louver in the EXISTING metal soffit panel system.

Sheet A3-01

Replace sheet in its entirety. Changes are as follows:

Item 16 Add Window Flashing Details #4 & #5. Details are keyed back to Section 1/A3-01, but are typical conditions as indicated.

Item 17 Add basketball striping plan detail #6.

End of Addendum 1

Attached:
Specification Section 072100-Thermal Insulation (4 pages)
Site Visit Sign-in Sheet 02/28/18 (1 page)
Drawing Sheet A3-01 (1 page)

SECTION 07 21 00 - THERMAL INSULATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:
   1. Cavity Wall Insulation at New Opening.
   2. New Interior walls
   3. New Ceilings

B. Related Sections include the following:
   1. Division 04 Section "Unit Masonry" for installation of rigid insulation in cavity walls and masonry cells.
   2. Division 09 Section "Gypsum Board" for installation in metal-framed assemblies of insulation specified by referencing this Section.
   3. Division 22 Section “Plumbing Insulation” for insulation of plumbing fixtures and piping.
   4. Division 23 Section "HVAC Insulation” for insulation of hvac fixtures, piping, and duct work.

1.3 DEFINITIONS

A. Thermal Resistivity: Where the thermal resistivity of insulation products are designated by "r-values," they represent the reciprocal of thermal conductivity (k-values). Thermal conductivity is the rate of heat flow through a homogenous material exactly 1 inch thick. Thermal resistivities are expressed by the temperature difference in degrees F between the two exposed faces required to cause one BTU to flow through one square foot per hour at mean temperatures indicated.

1.4 SUBMITTALS

A. Product Data: For each type of product indicated.
B. Samples for Verification: Full-size units for each type of exposed insulation indicated.
C. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency for insulation products.

1.5 QUALITY ASSURANCE

A. Source Limitations: Obtain each type of building insulation through one source from a single manufacturer.
B. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test-response characteristics indicated, as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicable testing and inspecting agency.

1. Surface-Burning Characteristics: ASTM E 84.
2. Fire-Resistance Ratings: ASTM E 119.
3. Combustion Characteristics: ASTM E 136.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Protect insulation materials from physical damage and from deterioration by moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
   1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products specified.
   2. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, manufacturers specified.

2.2 GLASS-FIBER BLANKET INSULATION

A. Manufacturers:
   1. CertainTeed Corporation.
   2. Guardian Fiberglass, Inc.
   3. Johns Manville.
   4. Knauf Fiber Glass.
   5. Owens Corning.

B. Unfaced, Glass-Fiber Blanket Insulation: ASTM C 665, Type I (blankets without membrane facing); consisting of fibers; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively; passing ASTM E 136 for combustion characteristics.

C. Where glass-fiber blanket insulation is indicated by the following thicknesses, provide blankets in batt or roll form with thermal resistances indicated:
   1. 3-1/2 inches thick with a thermal resistance of 13 deg F x h x sq. ft./Btu at 75 deg F.
   2. 2-1/2 inches thick with a thermal resistance of 8 deg F x h x sq. ft./Btu at 75 deg F.

D. For Sound Attenuation, provide Unfaced Glass-Fiber Blanket Insulation over suspended ceilings at partitions in a width that extends insulation 48 inches on either side of partition and in interior wall partitions.
   1. Thickness:
      a. 3-1/2 inches thick in interior wall partitions
      b. 2-1/2 inches thick in interior wall partitions

2.3 CAVITY-WALL INSULATION – NEW EXTERIOR DOOR OPENING

A. Extruded-Polystyrene Board Insulation with Increased R-Value: ASTM C 578, Type IV, but with an aged thermal resistance (R-value) per 2-inch thickness of 5.6 deg F x h x sq. ft./Btu at 75 deg F at 5 years; closed-cell product with a carbon-black filler and extruded with an integral skin.

B. Adhesive: Type recommended by insulation board manufacturer for application indicated.

C. Thickness (2) layers of 1 ½" with stagger and taped joints.

2.4 INSULATION FASTENERS

A. Adhesively Attached, Spindle-Type Anchors: Plate welded to projecting spindle; capable of holding insulation of thickness indicated securely in position indicated with self-locking washer in place; and complying with the following requirements:
1. Products:
   a. AGM Industries, Inc.; Series T TACTOO Insul-Hangers.
   b. Eckel Industries of Canada; Stic-Klip Type N Fasteners.
   c. Gemco; Spindle Type.
2. Plate: Perforated galvanized carbon-steel sheet, 0.030 inch thick by 2 inches square.
3. Spindle: Copper-coated, low carbon steel; fully annealed; 0.105 inch in diameter; length to suit depth of insulation indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements of Sections in which substrates and related work are specified and for other conditions affecting performance.
1. Proceed with installation only after unsatisfactory conditions have been corrected.
2. Do not proceed with installation of spray applied polyurethane foam insulation until placement of masonry ties, clips, connectors and continuous air/vapor barrier Work has been completed and reviewed by the Architect or Consultant.

3.2 PREPARATION

A. Clean substrates of substances harmful to insulation, including removing projections capable of interfering with insulation attachment.

3.3 INSTALLATION, GENERAL

A. Comply with insulation manufacturer's written instructions applicable to products and application indicated.
B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed at any time to ice, rain, and snow.
C. Extend insulation in thickness indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

3.4 INSTALLATION OF GENERAL BUILDING INSULATION

A. Apply insulation units to substrates by method indicated, complying with manufacturer's written instructions. If no specific method is indicated, bond units to substrate with adhesive or use mechanical

3.5 INSULATION SCHEDULE

Location	Description/Location	Product/ Minimum Thickness	R-Value	Remarks
Masonry Wall Insulation Above Finish Floor (Administration Building-New Door Opening)	Vertical applications	Extruded Polystyrene Minimum 2 1/2" Provide Minimum thickness of insulation to achieve R-Values	R-12.5	Refer to Division 04 "Unit Masonry" Install in layers of 1" and 1½" Stagger and Tape all Joints with Tape approved by the Manufacturer for the installation.
Sound Attenuation Batts	Unfaced Batt Insulation	3 ½" Fiberglass Batts 2 ½" Fiberglass batts	R-13 R-8	Provide in all NEW interior partition walls in both buildings.

END OF SECTION 07 21 00

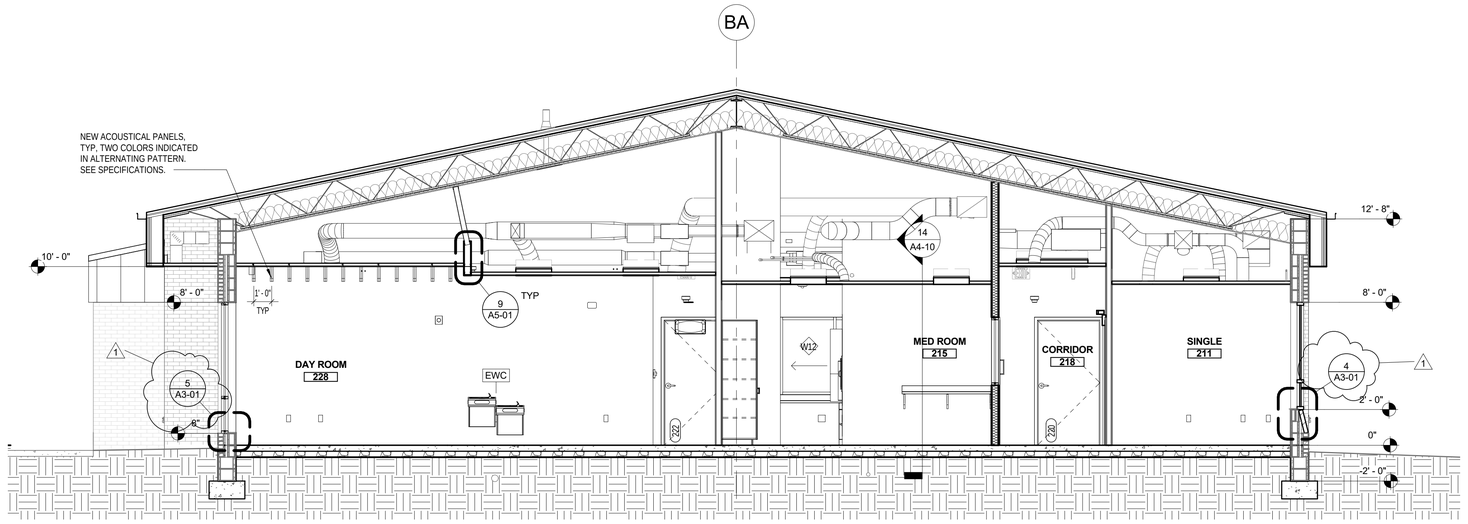
Bldg 10
OCCC

2/28/18 SITE OBSERVATION

NAME	COMPANY	PHONE NUMBER
BOB WARDEN	PRO CONSTRUCTION	910-455-0647
Randy Jones	Onslow County	910-358-2026
David Gadalla	Clancy & Theys	910-465-1338
JASON FLUD	GEM	910-546-1967
Donnie Autry	GEM	910650-6781
Kenny Borgess	DH GRIFFIN	910 443 5357
Spencer Clark	DH Griffin	336-707-8268
Billy Mayer	DH Griffin	336-455-1894
RICHARD Sessoms	Rhem. Insulation	910-478-4940
Clay Blizzard	Blizzard Walls Inc	252-560-2830
Keith Alexander	Piney Green Elect.	910-353-1944
Korey Alexander	Piney Green Elect.	910-353-1944

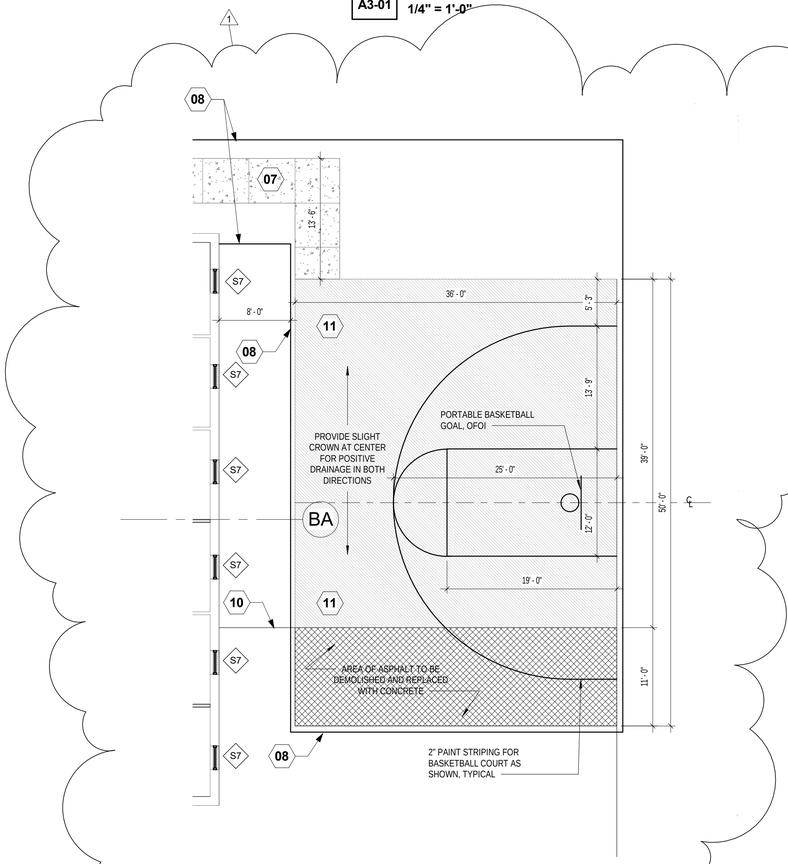
SECTION NOTES

THE BUILDING SECTION HAS BEEN PROVIDED WITH DETAILS THAT HAVE BEEN DERIVED FROM EXISTING PLANS AND ARE PROVIDED IN THIS FORMAT FOR CONVENIENCE/REFERENCE ONLY. REFER TO PROVIDED EXHIBIT DRAWINGS AS WELL AS UTILIZING FIELD VERIFICATION FOR MORE DETAILED INFORMATION REGARDING EXISTING BUILDING CONSTRUCTION, DETAILS, AND CONDITIONS.



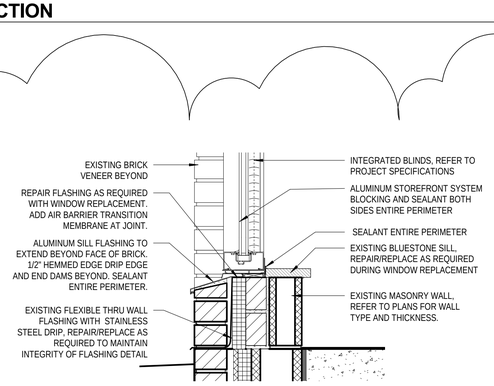
1 A3-01 CRISIS BLDG (BACK)_NORTH-SOUTH SECTION

1/4" = 1'-0"



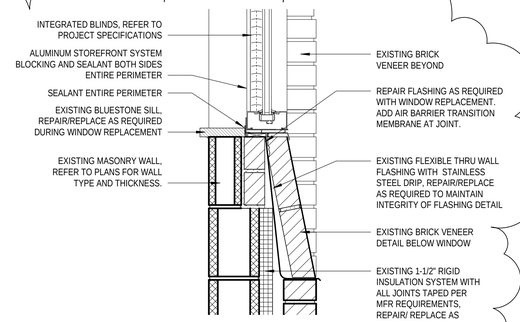
6 A3-01 BASKETBALL COURT LAYOUT

1/8" = 1'-0"



5 A3-01 WINDOW FLASHING, DAY ROOM

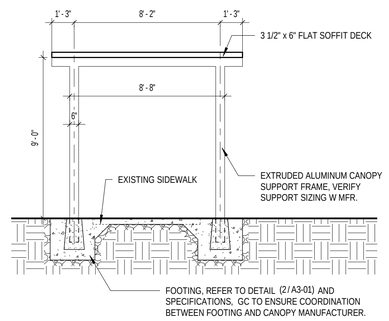
1 1/2" = 1'-0"



4 A3-01 WINDOW FLASHING, TYPICAL

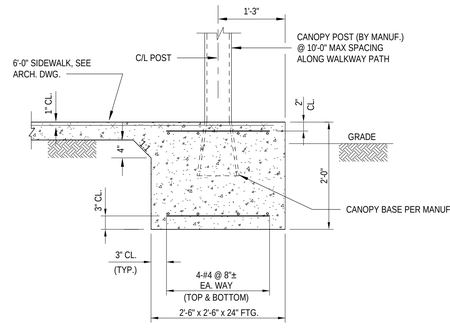
1 1/2" = 1'-0"

ALTERNATE #5 DETAILS



3 A3-01 WALKWAY CANOPY

1/4" = 1'-0"



2 A3-01 TYP SECTION AT CANOPY FOOTING

3/4" = 1'-0"

smith sinnett ARCHITECTURE

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Suite 205
Raleigh, NC 27607
info@smithsinnett.com

SMITH SINNETT ARCHITECTURE, PA CERT. NO. 50172 RALEIGH, NORTH CAROLINA

PATRICK J. O'DONNELL REGISTERED ARCHITECT 11849 NORTH CAROLINA RALEIGH

BID DOCUMENTS

THIS DRAWING IS FORMATTED TO BE PRINTED ON A 24" X 36" SHEET

ONSLOW COUNTY CRISIS CENTER RENOVATION PROJECT BID DOCUMENTS

215 Memorial Drive
Jacksonville, NC 28546

DHSR Project #MHL-4097-MM/BCM
FID No. 070186

ID	DATE	DESCRIPTION
1	03/05/2018	ADDENDUM #2

DRAWN BY: BEA
CHECKED BY: SM

BUILDING SECTIONS & MISC DETAILS

2017022 ## of ## 12 FEB 2018

A3-01

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