#### ADDENDUM NUMBER: TWO

PROJECT:	New Fire Station No. 2 Town of Nashville 1200 East Washington Street Nashville, North Carolina 27856
PROJECT NO:	20027
DATE:	June 2, 2023
OWNER:	Town of Nashville 499 S. Barnes Street Nashville, North Carolina 27856
ARCHITECT:	Oakley Collier Architects, P.A. 109 Candlewood Road Rocky Mount, North Carolina 27804 (252) 937-2500
PREVIOUSLY ISSUED:	Addendum One – 5/26/2023

#### TO ALL CONTRACTORS:

This Addendum is hereby made a part of the Contract Documents to the same extent as if originally included therein. This Addendum must be acknowledged on the Form of Proposal and shall be placed with the Contract Documents.

Drawings and Project Manual dated May 15, 2023 for this project are hereby modified, corrected, or supplemented as follows:

#### **Substitution Requests**

Subject to requirements of plans and specifications, the following manufacturers are approved to bid:

Section	Section Title	Manufacturer / Product
03 30 05	Moisture Vapor Reducing Admixture	Bone Dry Products / Bone Dry Pro Admix TDS
	for Cast-In-Place Concrete	
03 30 05	Moisture Vapor Reducing Admixture	Concure Systems, LLC / Incore Admix
	for Cast-In-Place Concrete	
13 34 19	Metal Building Systems	The American Standard Steel Building Systems

## General

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# **Specifications**

ltem <u>1</u> Delete	Section 06 16 00 – Sheathing; Part 1 General; 1.4 Action Submittals: Delete subparagraph in its entirety: B. Sustainable Design Submittals
Item <u>2</u> Delete	Section 06 16 00 – Sheathing; Part 1 General; 1.6 Quality Assurance: Delete subparagraphs in their entirety: C. Manufacturer Qualifications. D. Vendor Qualifications.
Item <u>3</u> Delete	Section 06 16 00 – Sheathing; Part 2 Products; 2.2 Wood Panel Products: Delete subparagraph in its entirety: B. Certified Wood.
ltem <u>4</u> Delete	Section 06 17 53 – Shop-Fabricated Wood Trusses; Part 1 General; 1.5 Action Submittals: Delete subparagraph in its entirety: B. Sustainable Design Submittals.
Item <u>5</u> Delete/Modify	Section 06 17 53 – Shop-Fabricated Wood Trusses; Part 1 General; 1.7 Quality Assurance: Modify subparagraph B. to remove from text: 'and is certified for chain of custody by an FSC-accredited certification body.' Delete subparagraphs in their entirety: C. Manufacturer Qualifications. D. Vendor Qualifications.
Item <u>6</u> Delete	Section 06 17 53 – Shop-Fabricated Wood Trusses; Part 2 Products; 2.1 Performance Requirements: Delete subparagraphs in their entirety: E. Regional Materials. F. Certified Wood.
Item <u>7</u> Add	Section 07 65 00 – Flexible Flashing: Add section to the project manual in its entirety. Section is attached to the end of this addendum.
Item <u>8</u> Delete	Section 07 65 26 – Self-Adhering Sheet Flashing: Delete section from the project manual in its entirety.
Item <u>9</u> Add	Section 10 59 26 – Plastic Locker Benches: Add section to the project manual in its entirety. Section is attached to the end of this addendum.
Item <u>10</u> Add	Section 33 46 00 – Subdrainage: Add pages 2 through 4 to end of the section. Pages 2 through 4 are attached to the end of this addendum.
<u>Drawings</u>	
Item <u>11</u> Modify	Structural Drawings - ALL: Modify the slab thickness of the truck bay to '6 inches' in lieu of '8 inches'.
Item <u>12</u> Modify	Sheet S0.1 – General notes; Contractor Responsibility: Modify check box next to 'Non-Load Bearing Cold-Formed Steel' to be checked in lieu of not checked.

Item <u>13</u> Modify	Sheet S3.2- Foundation Details; Detail 7 – Typical Exterior Equipment Pad: Modify the slab thickness to '6 inches' in lieu of '8 inches'.
Item 14 Modify	Sheet A1.3 – Reflected Ceiling Plan; RCP General Notes:
_ ,	Modify subparagraph 8. To read, "O.S.O.I." in lieu of "O.S.C.I.".
Item 15 Add/Delete	Sheet A1.4 – Finish Plan; Finish Schedule:
	Add Mark 'EB-1' under 'Wall Base' and add description for EB-1 to read, 'Epoxy
	Coating Floor Base; Integral with Floor Finish.
	Delete Mark 'SC-2' and it's description in its entirety.
	Add Mark 'EFC-1' and add the description to read, 'Fluid Applied Epoxy Coating.'
Item 16 Modify	Sheet A1.4 – Finish Plan; Detail 1 - Finish Plan:
	Modify wall base type for rooms 33 Truck Bay 1 and 34 Truck Bay 2 to 'EB-1' in lieu of 'RB-1'.
	Modify Floor Type for rooms 33 Truck Bay 1 and 34 Truck Bay 2 to 'EFC-1' in lieu of 'SC-2'.
	Modify wall base type for rooms 07, 08, 18, 19 to be 'WT-1' in lieu of 'TB-1'. This
	indicates the wall tile terminating at the finished floor is to act as the wall base.
Item 17 Add	Sheet A1.4 – Finish Plan; Detail 7 – XL Plan (Showers):
_	Add annotation reading, 'This detail is typical for all shower rooms.'
	Add annotation for shower pan to read:
	'Premanufactured Shower Base; Solid Surface material, ADA Roll-In Accessible.
	Drop slab below shower pan as required per manufacturer's specifications to
	accommodate an ADA threshold height. Basis of design: Comfort Designs;
	SSB6232BF .75-WHG; www.comfortdesignsbathware.com/#sle.'
Item <u>18</u> Modify	Sheet A1.4 – Finish Plan:
	Modify any reference to 'stainless steel trim strip' to be 'extruded anodized
	aluminum trim strip'.
Item <u>18</u> Modify	Sheet A5.1 – Exterior Details; Detail 6 – Cladding (SF Sill Stud/Brick):
	Modify annotation to read: 'Solid Surface Windowsill' in lieu of 'Wood Sill w/
	Bullnose Nosing'
Item <u>19</u> Modify	Sheet A5.4 – Interior Details; Detail 5 – Finish Details (Thresholds):
	Modify far left detail label to read, 'Concrete/LVT Threshold' in lieu of
	'Carpet/LVT Threshold'.

## End of Addendum

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#### SECTION 07 65 00 FLEXIBLE FLASHING

#### PART 1 GENERAL

### **1.01 SECTION INCLUDES**

A. Laminated stainless steel fabric flashing, non-asphaltic.

### 1.02 REFERENCE STANDARDS

- A. ASTM.
- B. Brick Industry Association (BIA).
- C. Recycled content & Recyclability.
- D. BIA Technical Notes on Brick Construction No. 7, Water Penetration Resistance- Design and Detailing, August 2005.
- E. BIA Technical Notes on Brick Construction No. 28B, Brick Veneer/Steel Stud Walls, August 2005.

### 1.03 DEFINITIONS

- A. Cavity wall flashing: Same as flexible flashing.
- B. Foundation sill flashing: Same as flexible flashing.
- C. Self-Adhering Flashing: Water-proof material typically used in cavity wall construction to contain and assist in the proper water drainage that may penetrate wall system veneer. Other materials may be required to constitute the system.
- D. Head and sill flashing: Same as flexible flashing.
- E. Through-wall flashing: Same as flexible flashing.

#### 1.04 SUBMITTALS

- A. Product Data: Indicate material type, composition, thickness, and installation procedures.
- B. Product Quality & Environmental submittals:
  - 1. Certificates:
    - a. Indicate materials supplied or installed are asbestos and silica free.
    - b. Indicate recycled content: 60% total recycled material; based on 60% Post Industrial Recycled Content.
  - 2. Performance Attributes:
    - a. Tensile strength, >100,000 psi minimum.
    - b. Puncture Resistance, >2,500 pounds average. per ASTM E154.
- C. When tested as manufactured, product resists growth of mold pursuant to test method ASTM D3273.
- D. Certify the use of domestic manufactured stainless steel for flashing.

## 1.05 QUALITY ASSURANCE

- A. Qualifications:
  - 1. Manufacturer: Provide flashing materials by single manufacturer with not less than twenty five years of experience in manufacturing flexible flashing products.
  - 2. Flashing materials must be able to withstand 300° F temperature without changing the long term performance of the flashing.
- B. Compatibility:
  - 1. All manufacturers of insulation, air barriers and flashing shall provide mutual letters of compatibility with the other each other.

#### 1.06 WARRANTY

- A. Special warranty:
  - 1. Manufacturer: Warrant flexible flashing material for life of the wall.
  - 2. Begin warranty at Date of Substantial Completion.

## PART 2 PRODUCTS

### 2.01 MANUFACTURER

- A. York Manufacturing, Inc.; Multi-Flash SS.
- B. STS Coatings, Inc.; Gorilla Flash Stainless Fabric.
- C. Illinois Products, Inc.; IPCO Stainless Steel Fabric Flashing.
- D. TK Products, Inc.; TK TWF.
- E. Hohmann & Barnard, Inc.; Mighty-Flash Stainless Steel Fabric Flashing
- F. Substitutions: See Section 01 60 00 Product Requirements.

## 2.02 CHARACTERISTICS

- A. Type: Stainless steel core with polymer fabric laminated to one stainless steel face with nonasphalt adhesive.
- B. Stainless steel type: 304, ASTM A167.
- C. Fabric: polymer fabric; laminated back face of stainless steel core.
- D. Size: Manufacturer's standard width rolls.
- E. Polyether sealant:
- F. Splice Tape:
- G. Corner and End Dams: form the stainless steel flashing in the field or use 26 gauge stainless steel pre-manufactured corners.
- H. Mortar deflection: polyester strands that will not degrade and will keep weep vents from clogging with mortar.
- I. Termination bar: rigid PVC or stainless steel termination bar with sealant catch lip.

## PART 3 EXECUTION

## 3.01 INSTALLATION

- A. General:
  - 1. Install where indicated, specified, or required in accord with flashing manufacturer's written instructions and as follows.
  - 2. Extend flashing 6" minimum beyond opening or lapped flashing. Fold flashing ends at end of openings or horizontal flashing terminations to form end dam or use pre-manufactured units made of 26 gauge stainless steel.
  - 3. Flashing width: Width required starting flush with outside face of exterior wythe, extending through cavity, rising height required to extend above lintel steel at least 2".
  - 4. Splice end joints by overlapping them 6" and seal with a compatible sealant or metal splice tape.
- B. Masonry back up:
  - 1. Surface apply after dampproofing installation specified in Dampproofing Section in accord with manufacturer's installation instructions.
  - 2. Fasten to masonry back-up surface at top by embedding in layer of sealant or use a noncorrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with compatible sealant or use a termination clamp, which is embedded in the block back up wall.
- C. Concrete back up:
  - 1. Surface apply after dampproofing installation specified in Dampproofing Section in accord with manufacturer's installation instructions.
  - 2. Fasten to concrete surface at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with a compatible sealant.
- D. Stud back up with sheathing:

- 1. Fasten to stud back-up at top by embedding in layer of sealant or use a non-corrosive termination bar and fasten it to the backer wall at the top edge of the flashing and seal the top edge with a compatible sealant.
- E. Leave ready for certified compatible building felt or air barrier installation lapping flashing top installed in another Section.
- F. Lay flashing in continuous bead of sealant on masonry supporting steel.
- G. Fold ends of flashing at end of opening to form dam; seal with polyether sealant or use purchased manufacturers preformed end dams.
- H. Inside and outside corners: Make in industry accepted manner using corner and splice material or purchase manufactured corners from manufacturer.
- I. Cover flashing within a few days of installation to protect it from damage from the different trades, the environment and falling debris. If flashing is left unprotected and it is punctured, torn, or has loose scrim you should contact the manufacturer for repair instructions.

## END OF SECTION 07 65 00

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#### SECTION 10 51 26 PLASTIC LOCKER BENCHES

#### PART 1 GENERAL

### **1.01 SECTION INCLUDES**

A. Locker benches.

## 1.02 REFERENCE STANDARDS

- A. ADA Standards 2010 ADA Standards for Accessible Design 2010.
- B. ICC A117.1 Accessible and Usable Buildings and Facilities 2017.

#### 1.03 SUBMITTALS

- A. See Section 01 30 00 Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's published data on locker construction, sizes and accessories.
- C. Shop Drawings: Indicate locker plan layout, numbering plan and combination lock code.

## PART 2 PRODUCTS

## 2.01 MANUFACTURERS

- A. Solid Plastic Locker Benches:
  - 1. ASI Storage Solutions: www.asi-storage.com/#sle.
  - 2. Columbia Lockers, a division of PSiSC; PolyLife Lockers: www.psisc.com/#sle.
  - 3. [Basis of Design] Scranton Products; Tufftec Lockers: www.scrantonproducts.com/#sle.
  - 4. Substitutions: See Section 01 60 00 Product Requirements.

#### 2.02 LOCKER BENCH APPLICATIONS

- A. Locker Benches: Stationary type; bench top of solid high density polyethylene (HDPE); aluminum pedestal pedestals.
  - 1. Height: 18" inch (457.2 mm).
  - 2. Length: 48" inch (1219.2 mm).
  - 3. Height (Back): 18" inch (457.2 mm)
  - 4. Finish: Selected by Architect from full range of manufacturer's finishes.

## PART 3 EXECUTION

## 3.01 EXAMINATION

- A. Verify that prepared bases are in correct position and configuration.
- B. Verify bases and embedded anchors are properly sized.

## 3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Place and secure on prepared base.
- C. Install locker benches plumb and square.

## END OF SECTION

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- C. Product Data: Submit data on pipe drainage products and pipe accessories.
- D. Manufacturer's Certificate: Certify Products meet or exceed specified requirements.

## 91.5 SUSTAINABLE DESIGN SUBMITTALS

- A. Section 01 81 13 Sustainable Design Requirements: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
  - 1. Materials Resources Certificates:
    - a. Certify source and origin for salvaged and reused products.
    - b. Certify recycled material content for recycled content products.
    - c. Certify source for local and regional materials and distance from Project site.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
  - 1. Provide cost data for the following products:
    - a. Salvaged products.
    - b. Reused products.
    - c. Products with recycled material content.
    - d. Local and regional products.

#### 91.6 CLOSEOUT SUBMITTALS

- A. Section 01 70 00 Execution and Closeout Requirements: Requirements for submittals.
- B. Project Record Documents: Record location of pipe runs, connections, cleanouts and principal invert elevations.
- C. Operation and Maintenance Data: Procedures for submittals.

## 91.7 QUALITY ASSURANCE

- A. Sustainable Design Requirements:
  - 1. Recycled Content Materials: Furnish materials with recycled content.
  - 2. Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles of Project site.
- B. Perform Work in accordance with Local government Standards.

## PART 92 PRODUCTS

## 92.1 PIPE MATERIALS

- A. Furnish materials in accordance with Local government Standards.
- B. Polyvinyl Chloride Pipe: ASTM D2729; plain end; with required fittings.
- C. Corrugated Plastic Tubing: Flexible type; with required fittings.

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D. Use perforated pipe at subdrainage system; unperforated through sleeved walls.

### 92.2 AGGREGATE AND BEDDING

A. Filter Aggregate and Bedding Materials: As specified in Section 31 05 16.

\*\*\*\*\* [OR] \*\*\*\*\*

B. Filter Sand and Bedding Materials: As specified in Section 31 05 16.

### 92.3 ACCESSORIES

- A. Pipe Coupling: Solid plastic.
- B. Filter Fabric: Water pervious type, black polyolefin or polyester or reasonable substitute.
- C. Pipe Sleeve: Steel type for foundation wall.

#### **PART 93 EXECUTION**

#### 93.1 EXAMINATION

- A. Section 01 30 00 Administrative Requirements: Verification of existing conditions before starting work.
- B. Verify trench cut excavated base is ready to receive work and excavations, dimensions, and elevations are as indicated on Drawings.

#### 93.2 PREPARATION

- A. Hand trim excavations to required elevations. Correct over excavation with coarse aggregate.
- B. Remove large stones or other hard matter which could damage drainage piping or impede consistent backfilling or compaction.

## 93.3 INSTALLATION

- A. Place drainage pipe on clean cut subsoil.
- B. Lay pipe to slope gradients noted on Drawings with maximum variation from indicated slope of 1/8 inch in 10 feet.
- C. Place pipe with perforations facing down. Mechanically join pipe ends.
- D. Install pipe couplings.
- E. Install aggregate at sides, over joints and top of pipe. Install top cover compacted thickness of 12 inches.
- F. Place filter fabric over leveled top surface of aggregate cover prior to subsequent backfilling operations.

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- G. Place aggregate in maximum 4 inch lifts, consolidating each lift.
- H. Refer to Section 31 23 23 for compaction requirements. Do not displace or damage pipe when compacting.
- I. Place impervious fill over drainage pipe aggregate cover and compact.
- J. Connect to storm sewer system with unperforated pipe through installed sleeves.
- K. Coordinate the Work with connection to municipal sewer utility service and trenching.

## 93.4 FIELD QUALITY CONTROL

- A. Section 01 40 00 Quality Requirements and Section 01 70 00 Execution and Closeout Requirements: Field inspecting, testing, adjusting, and balancing.
- B. Request inspection prior to and immediately after placing aggregate cover over pipe.

## 93.5 PROTECTION OF INSTALLED CONSTRUCTION

- A. Section 01 70 00 Execution and Closeout Requirements: Protecting installed construction.
- B. Protect pipe and aggregate cover from damage or displacement until backfilling operation begins.

## **END OF SECTION**