

ADDENDUM NUMBER TWO
REPLACEMENT ROOFING SYSTEMS FOR
THE LINDSEY STREET BUILDING
1001 LINDSEY STREET
FOR THE CITY OF CHATTANOOGA, TENNESSEE
Contract Number M-17-006-201

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

I. Contract Documents

Please add attached section 07620 - Sheet Metal Flashing to the project specifications.

Please add the attached diagram of the existing roof to the project documents.

Please add the attached seven photos to the project documents.

II. Pre-Bid Meeting Notes.

The Pre-Bid Meeting was held on January 17th at 2:00 P.M. in Room 2B of the Development Resource Center building.

The Pre-Bid Meeting Agenda is included with this Addendum.

There were no questions asked at the Pre-Bid meeting. Arrangements were made to make an on-site visit on January 19th. Anyone not in attendance at the Pre-Bid meeting my request a site visit by contacting the Purchasing Department using form 1-0009, "Request for Bidder Information.

The Sign-In sheet from the Pre-Bid Meeting is attached.

January 23, 2018

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

SECTION 07620
SHEET METAL FLASHING AND TRIM

PART 1 – GENERAL

1.1 SUMMARY

- A. The work included under this section shall consist of furnishing all labor, materials, equipment, services, and supervision necessary for the fabrication, delivery, and erection of all sheet metal flashings, trim and other metal items as Specified herein.
- B. Section Includes:
 - 1. Gutters & Downspouts
 - 2. Edge flashings
 - 3. Counter flashings
 - 4. Sealant

1.2 RELATED SECTIONS

- A. Section 07411 – Standing Seam Metal Roofing.

1.3 REFERENCES, CODES, AND STANDARDS

- A. American Society for Testing and Materials Standards (ASTM)
- B. 2006 International Building Code (IBC)
- C. SMACNA (Sheet Metal and Air Conditioning National Association, Inc.)
- D. The NRCA Roofing and Waterproofing Manual

1.4 SUBMITTALS

- A. Shop Drawings for all metal installations.
- B. Clearly detail shaping, jointing, length of sections, fastening and installation details.

1.5 PROJECT / SITE CONDITIONS

- A. The Contractor shall examine the site and determine any unusual conditions which may require special methods to do the work, as specified herein and shown on the design drawings. The Contractor shall provide any special equipment necessary to do the specified work without additional costs.
- B. Exercise care when working on or about roof surfaces to avoid damaging or puncturing membrane or flexible flashings.
- C. Coordinate work of this section with interfacing and adjoining work for proper sequencing of each installation. Ensure best possible weather resistance and durability of work and protection of materials and finishes.

1.6 QUALITY ASSURANCE

- A. Perform work in accordance with SMACNA standard details and requirements.

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- B. Fabricator and Installer: Company specializing in sheet metal flashing work with five years experience.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect, and handle products to site to assure materials without damage.
- B. Stack preformed material to prevent twisting, bending, or abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
- C. Prevent contact with materials which may cause discoloration or staining.
- D. Do not install damaged items; remove all damaged material from project.

PART 2 – MATERIALS

2.1 GENERAL PRODUCT

- A. Sheet metal for the following project related items shall be .040" pre-finished Aluminum:
 - 1. Gutters & Downspouts
 - 2. Coping
- B. Sheet metal for counter flashing shall be 0.040" mill-finished aluminum.
- B. Anchorage: Fasteners of corrosion resistant material compatible with metal fastened. Use screws where exposed anchorage is required. Screws minimum 1-1/2 inch long with neoprene washer under screw head.
- C. Concealed Sealant: NP1 or equal. Equal product must be approved by Design Consultant.

2.2 FABRICATION:

- A. Shop-fabricate metal flashing and sheet metal in accordance with reviewed shop drawings and standard industry details by SMACNA in "Architectural Sheet Metal Manual."
- B. Form sections square, true and accurate to size, free from distortion and other defects detrimental to appearance or performance.

PART 3 – EXECUTION

3.1 INSTALLATION:

- A. Examine substrate and conditions under which flashing and sheet metal work is to be performed. Do not proceed with work until unsatisfactory conditions have been corrected.
- B. Install sheet metal work in accordance with reviewed shop drawings and Architectural Sheet Metal Manual with sharp clean breaks.
- C. Lower edge of flashing, counterflashing and exposed metal edges shall be turned back into hemmed edge.
- D. Flashing shall be securely fastened and water and weatherproofed. Neatly install with sharp clean breaks. Metal work at roof shall meet roofer's requirements and approval.

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- E. Butt and locked joints in metal work shall be watertight. Joints shall be lapped in direction of flow.
- F. Insulate between dissimilar materials with an approved insulator. No dissimilar metals shall be touching. Work shall be arranged so moisture from one metal does not drain onto dissimilar metal.
- G. Install work with proper allowance for expansion and contraction from thermal changes.
- H. Carefully form flashing to conform to material dimensions as shown and according to field dimensions as verified.
- I. Counter-flashing which terminates roof membrane shall turn down a minimum of 3" over membrane.

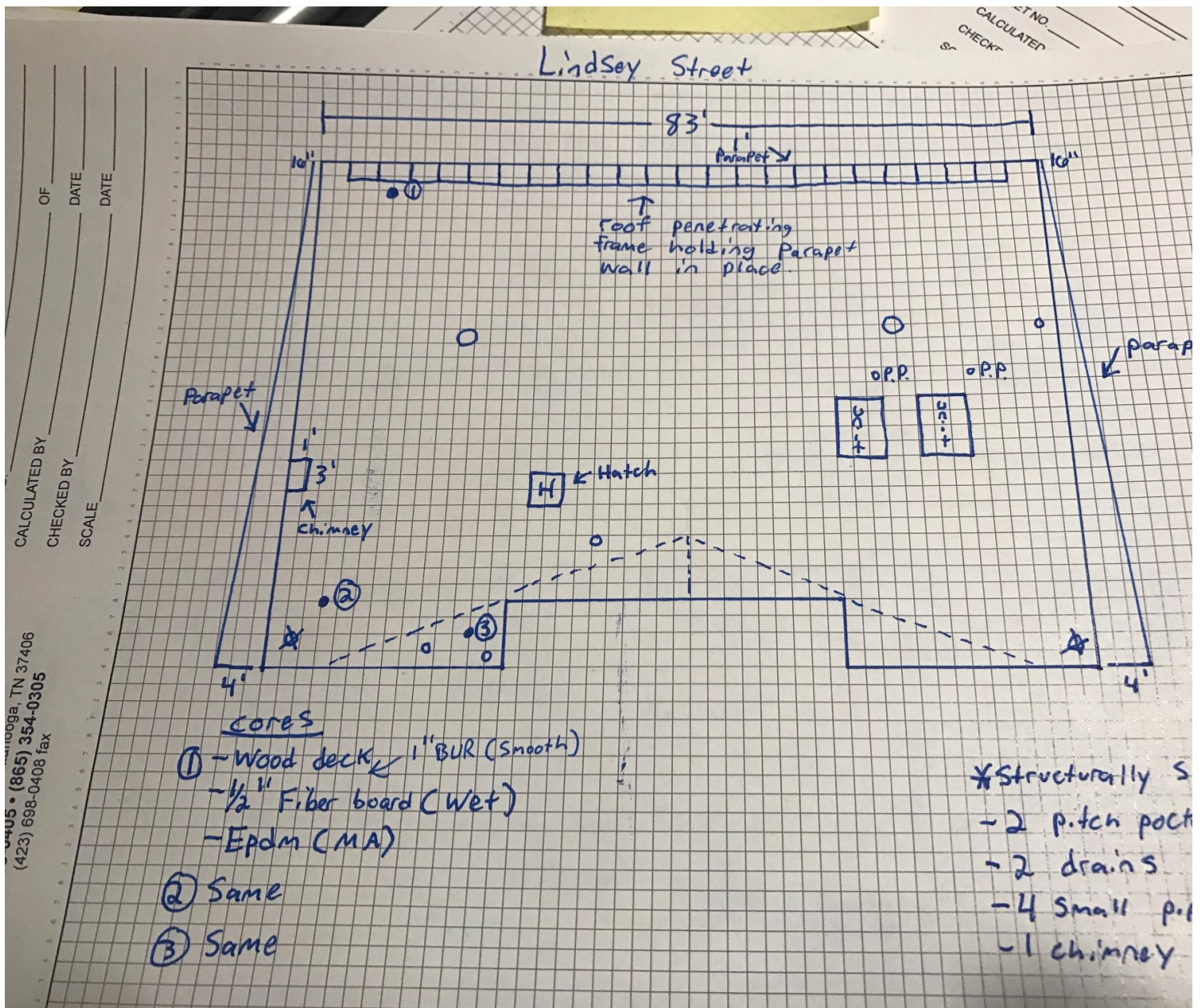
3.2 LOCATION OF JOINTS IN METAL:

- A. Joints in other metal work may be placed where convenient to metal lengths, not to exceed 10 feet lengths.

3.3 CONSTRUCTION OF JOINTS:

- A. Lapped Joints: Lap 4 inches in direction of water flow. At counterflashings, lock bottom edges together. Sealant: Apply concealed sealant in each joint.
- B. At corners, inside or outside type, provide neat corner sections with 18" legs built-up in shop; to follow profile of adjacent metal. No nails permitted at exposed surfaces of exposed roof metal, only screws shall be used. Set roof edges in cooperation with roofer. Form angles to lesser degrees than required to insure snug fit after installation.

END OF SECTION

















Pre-Bid Meeting Agenda

Subject: Lindsey Street Building. – Re-Roofing Project M-17-006-201

Date: 01/17/2018

Time: 2:00 PM

Location: Development Resource Center Room 2B

Organizer: City of Chattanooga – Alan Ogle

Topics Discussed

Everyone is requested to sign in on the Attendance Sheet.

Introductions.

- Read thru 01010, Summary of Work. Review 00301-1b, Bid Schedule.
- Visits to the site are strongly encouraged to assess access requirements. A site visit is planned immediately after this meeting. Travel time to the site is less than 10 minutes walking. Access to the roof is through a hatch inside the building. If you cannot make it after this meeting, feel free to visit at a time of your own choosing. If you do visit at a later time, you'll need to be buzzed in at the front door.
- All questions should be supplied in writing to the Purchasing Agent as instructed on the bid form 1-0009, "Request for bidder information".
- The Bid Date for the project is Thursday, Feb. 6, 2018 at 2:00 pm.
- Questions will not be accepted after 4:00 PM on January 31, 2018, which is the Wednesday before the Bid Date.
- The Final Addendum (if needed) will be distributed no later than 2:00 PM on February 2, 2018, which is the Friday before the Bid Date.
- The expected date of the Notice to Proceed is March 21, 2018, with an expected construction start date March 31, 2018.
- The project is schedule to be completed in 90 calendar days, with liquidated damages listed in the contract of \$500.00 per day.
- **Make sure that section 00201-1 is completely filled out and is placed on the outside of the bid envelope on the bid opening date. If that form is not on the outside of the bid envelope, the bid will not be opened.**

SITE VISIT 1/19/18 1 PM
1000 LINDSEY ST

SIGN-IN SHEET

PROJECT: M-17-006

Lindsey Street Building - Re-Roofing Project

NAME	COMPANY	PHONE	EMAIL
16 Christopher Feltly	Tri-State Roofing	423-362-1654	cFeltly2@tstateroofing.com
17 Greg Wilson	JDH company	423-310-9067	Greg.wilson@JDHcompany.com
18 Tommy Miller	TBM Roofing	423-227-7010	Tommy@TBMRoofing.com
19 Debbie Toller	City	423-643-7230	HGaller@chc.henrysgod
20 BONNIE MUMFORD DODSON	CITY	643 6031	BUMFORD@CHATTANOOGA.GOV
21 ALAN OGLE	CITY	643 5898	AOGLE@CHATTANOOGA.GOV
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