

ADDENDUM TO
SPECIFICATIONS ENTITLED
"SPECIFICATIONS FOR
THOMAS COOPER LIBRARY ROOF REPLACEMENT
UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, SOUTH CAROLINA
PROJECT NO. H27-6094E"

ADDENDUM NO. 1

AUGUST 28, 2012

The Specifications and Drawings contained in the project manual entitled "Specifications for Thomas Cooper Library Roof Replacement, University of South Carolina, Columbia, South Carolina, Project No. H27-6094E" are amended as follows:

General

1. The prebid meeting minutes are made a part of this addendum by enclosure.

Section 03520 – Lightweight Insulating Concrete Fill System

2. Delete Sub-Paragraph 2.2 A 2 and replace with the following:
 - A 2. Foam Concentrate: Protein based foam concentrate conforming to ASTM C 869 and ASTM C 796.
3. Delete Paragraph 2.3 A and replace with the following:
 - A. Mix portland cement and pregenerated foam concentrate with water to achieve wet density ranging from 38 to 48 pcf, resulting in a minimum dry density of 30 pcf and minimum 28 day compressive strength of 300 psi.

Section 07000 – Preparation

4. Delete Paragraph 3.7 and replace with the following:
 - 3.7 EQUIPMENT SCREEN WALL MODIFICATIONS
 - A. At expansion joint, cut steel brace flanges as required to accommodate expansion joint flashing.
 - B. Cut base of wall as required to achieve appropriate height at expansion joint. Extend cut the entire perimeter of the wall.

Section 07540 – Thermoplastic Membrane Roofing

5. Add Paragraph 2.2 D: GAF is approved for use on this project provided all such materials meet the requirements of the project specifications and the system warranty provided by the manufacturer is equivalent in all regards to the warranty required by the project specifications, including unlimited coverage of the cost of labor and materials to repair or replace defective membrane, insulation, base flashings and manufacturer's supplied accessories, etc. All materials required by the project specifications are to be furnished and installed in accordance with the specifications. One type of material is not to be substituted for another type of material.

6. Add the following new Sub-Paragraph 3.6 G:

G. At chiller line supports, furnish and install new pre-manufactured pitch pocket flashings.

Section 07620 – Sheet Metal Flashing and Trim

7. Add the following new sentence to Sub-Paragraph 3.4 E:

Prior to installation of the PVC stripping, continue the thermoplastic membrane over the expansion joint, creating a bellows equal to the width of the expansion joint.

Drawings

8. Delete Detail D9 and replace with new Detail D9 (Addendum No. 1)

9. Delete Detail D18.

Nothing herein is to be interpreted or construed as changing any provisions of the specifications except as specifically stated herein.

Enclosures: Prebid Meeting Minutes
Detail D9 (Addendum No. 1)

END OF ADDENDUM

August 28, 2012
Project No. FH126801

Mr. Dale Branham
University of South Carolina
743 Greene Street
Columbia, South Carolina 29208

Subject: Roof Replacement Project
Thomas Cooper Library
University of South Carolina
Project No. H27-6094-E

Dear Mr. Branham:

A Prebid Meeting for the subject project was convened on Tuesday, August 21, 2012 at 1:00 p.m. at the USC Facilities office. The following items were discussed:

1. Mr. Dale Branham is the Project Manager for the University of South Carolina. Ms. Juaquana Brookins is the Procurement Officer for the University. Mr. Alex Montgomery is the Project Manager for Stafford Consulting Engineers. All technical questions should be directed to Mr. Montgomery. All other questions should be directed to Mr. Branham.
2. The contractor must provide a construction schedule showing the sequencing of the work as part of the submittals.
3. The contractor will need to coordinate with the University the daily activities related to the work.
4. The pre-bid meeting is a non-mandatory meeting. Contractors not in attendance may also bid on this project.
5. Bids are due on September 5, 2012 at 2:00 p.m. Location is 743 Greene Street, Conference Room 53, Columbia, South Carolina 29208.
6. Contractors are to submit bids for this project in accordance with the requirements of the Specifications and bids are to be submitted on the SE-330 Lump Sum Bid Form that can be obtained from the Office of the State Engineer. A copy of this form has been included in the Specifications for the convenience of the Contractors.
7. It is the sole responsibility of the Contractor to ensure that bids are received by the University of South Carolina prior to the bid closing date and time.
8. Contractors should verify that they have received all addenda.
9. Contractors who need to return to the site for field work must contact Mr. Branham.
10. A bid bond in the amount of 5% of the TOTAL BID must be included. Performance and Payment Bonds 100% of the contract should be included in the bid.

11. Bids shall remain open for a period of 60 calendar days from the bid due date.
12. Addenda will be issued in response to written requests for clarification no later than August 30, 2012. Written requests for clarification must be received by Stafford no later than close of business August 28, 2012.
13. Contractor is reminded to be familiar with the requirements of the documents from the Office of the State Engineer included in the Specifications along with "USC Supplemental General Conditions For Construction Projects".
14. Engineer reviewed Section 01000 – General Requirements. Work hours are set as 8:00 AM to 6:00 PM daily. Contractor must coordinate access and staging area with the Owner. Owner will provide a green area at the west side of the building for storage and staging. Owner will remove saplings from the area prior to the project. All other trees (out to the drip line) must be protected by the Contractor during this project.
15. Engineer reviewed Section 01100 – General Requirements.
16. Work under the Bid generally consists of:
 - Complete removal and disposal of existing roofing, insulation, flashings and installation of new lightweight insulating concrete fill, new fully adhered PVC roof membrane, flashings and all associated miscellaneous work.
 - Installation of new parapet wall at perimeter of Areas A and B.
 - Abandonment of designated roof drains, installation of new roof drains and leaders and rerouting of existing designated drain leaders.
 - Cleaning of existing drains and leaders at Area C if drains are uncovered during the project.
 - Installation of University provided fall protection anchors. Contractor is responsible to install anchors and provide penetrations and securement hardware as specified in engineered drawings.
17. In Section 01100, paragraph 1.3, Description of Existing Systems is provided. Contractor is responsible to field verify all measurements given prior to submitting bid.
18. The contract time will be ninety (90) days.
19. Liquidated damages will be in the amount of \$250 per day.
20. Engineer reviewed Section 01210 – Allowances and Section 01270 – Unit Prices and the requirements for those sections. Contractor is reminded to keep a daily log recording any unit price work performed on this project.
21. Engineer reviewed Section 01250 – Contract Modification Procedures for requirements related to change orders.
22. Engineer reviewed the payment procedures as defined in Section 01290.
23. A 3.5% retainage will be required for each payment application. Retainage will be released only when close-out documents are approved and delivered to the Owner.

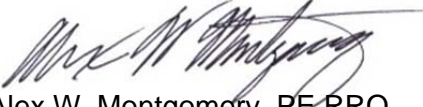
24. Section 01330 Submittal Procedures contains provisions related to submittals. A list of project submittals is included in Paragraph 1.5.
25. Engineer provided summary of Section 01400 Quality Requirements:
 - Fraternization with visitors, students or staff members is strictly prohibited. Contractor personnel engaging in such behavior will be removed from the project site immediately.
 - A job superintendent is required for this project and must be on-site at all times work is being accomplished. In the absence of a superintendent, work may be postponed by the Owner. Superintendent qualifications are outlined in this Section.
 - Inspections will be performed by Stafford Consulting Engineers.
 - Contractor is to provide any permits necessary to complete this work.
 - Three (3) roof system manufacturer's inspections are required as part of this project.
26. Engineer reviewed Section 01700 – Execution Requirements.
27. An Asbestos Free Warranty will be required with closeout documents. The existing roof system has been tested and testing results show that the existing components tested do not contain asbestos. Should Contractor discover materials they have questions about, Contractor is to contact the University.
28. Engineer reviewed Section 03520 – Lightweight Insulating Concrete Fill System. Paragraph 2.2 contains an error as no aggregate is to be used in the cellular system specified. The mix design in Paragraph 2.3 is also incorrect. These items will be addressed via addendum. A temporary roof must be installed prior to the installation of the lightweight insulating concrete fill system. The slopes on the different areas are different and are listed in this section.
29. Engineer reviewed Section 06100 – Rough Carpentry. Materials and procedures for rough carpentry work are included in this section, including, but not limited to, construction of the new parapet wall.
30. Engineer reviewed Section 07000 – Reroofing Preparation. Materials and procedures for removals, covered curbs, abandoned roof drains, new roof drains, drain leader modifications, new overflow scuppers, etc. are covered in this section.
31. Engineer reviewed Section 07540 – Thermoplastic Membrane Roofing. Materials and procedures for the membrane installation are included in this section. Acceptable manufacturers and products for the membrane are listed in Paragraph 2.3. Any substitution request for membrane manufacturer must be submitted by Contractor in writing with substantiating data prior to the deadline for submitting requests for clarification. Engineer will review the request and respond via addendum. The Roof System Schedule is located in Table 1. A Contractor's Two Year Warranty is required for this work.
32. Engineer reviewed Section 07620 – Sheet Metal Flashing and Trim. Materials and procedures for this work are included in this section.
33. A walk-through of the facility and grounds was performed with the attendees. A question was raised as to how to address the modification of the equipment screen wall. This will be addressed via addendum.

Mr. Dale Branham
Page 4 of 4
August 28, 2012
Project No. FH126801

Upon completion of the walk-through, the meeting was adjourned. Should anyone know of errors or omissions within these meeting minutes, please notify the undersigned immediately.

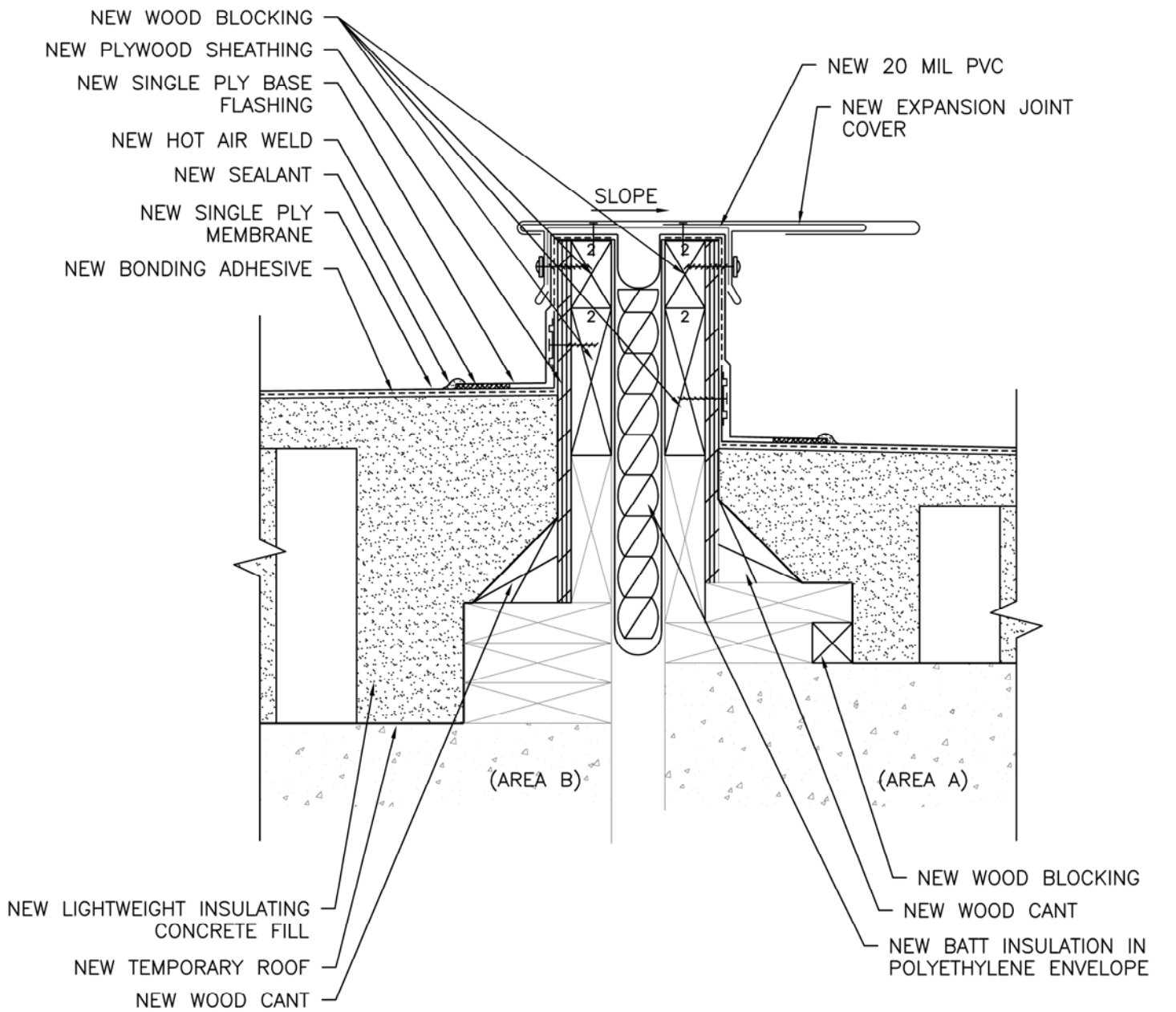
Respectfully,

Stafford Consulting Engineers

A handwritten signature in black ink, appearing to read "Alex W. Montgomery". The signature is written in a cursive style with a horizontal line extending from the end.

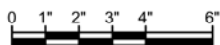
Alex W. Montgomery, PE RRO
Field Project Manager

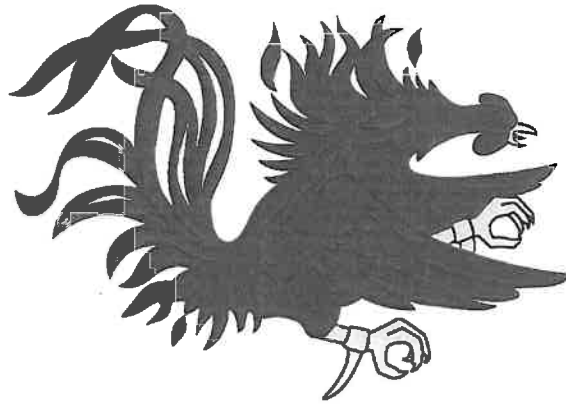
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NOTE: EXPANSION JOINT BLOCKING HEIGHT AT AREA B TO BE APPROXIMATELY 5". FIELD VERIFY TO FIT UNDER EQUIPMENT SCREEN WALL.

D9 EXPANSION JOINT DETAIL - ADDENDUM NO. 1





University of South Carolina
Columbia, South Carolina

Project Name & Number: Thomas Cooper Library Roof Replacement/H27-6094-E
Pre-Bid, August 21, 2012 @ 1pm

ATTENDEE'S NAME

COMPANY NAME & MAILING ADDRESS

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Roofing Systems

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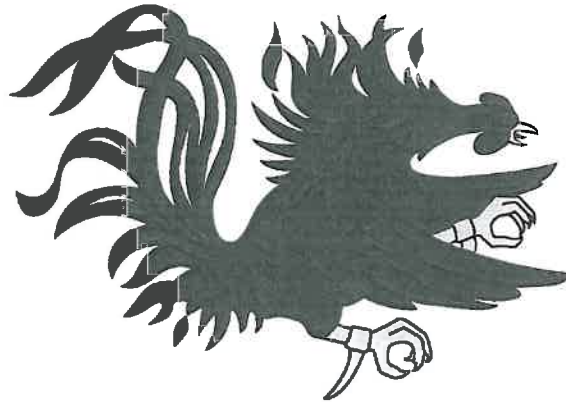
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University of South Carolina
Columbia, South Carolina

Project Name & Number: Thomas Cooper Library Roof Replacement/H27-6094-E
Pre-Bid, August 21, 2012 @ 1pm

ATTENDEE'S NAME

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EMAIL

Southern Roofing Services

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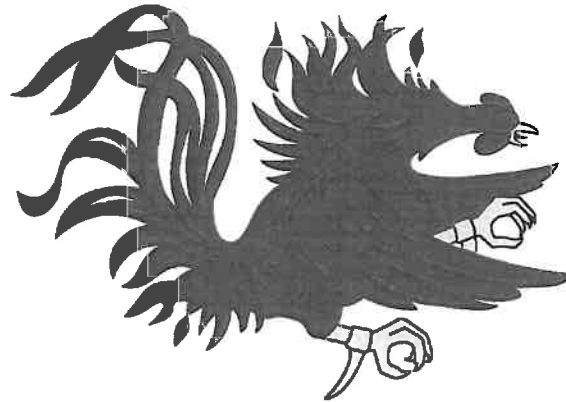
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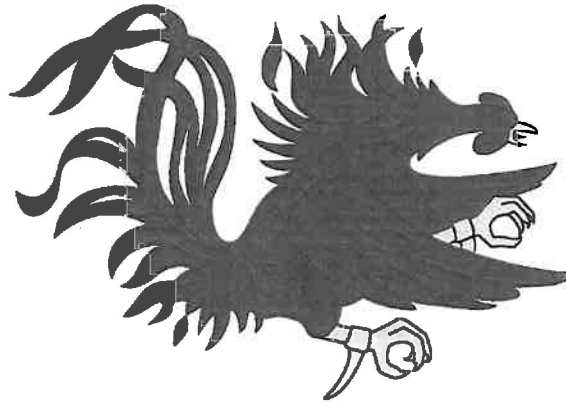
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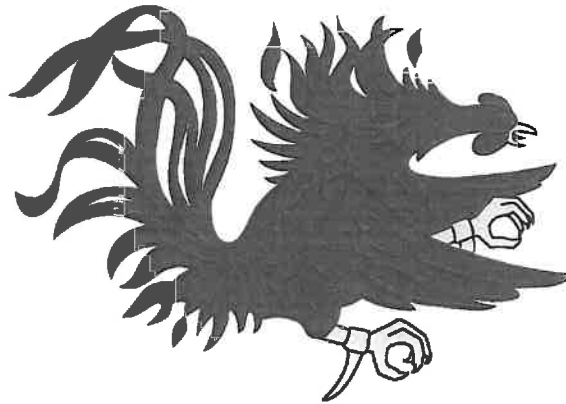


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Columbia, South Carolina

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ATTENDEE'S NAME	COMPANY NAME & MAILING ADDRESS
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<u>SCOTT MATHIAS</u>	<u>WATTS + Associates Roofing</u> <u>Po Box 21273</u> <u>Columbia, SC 29221</u> <u>PHONE# 803-786-4610</u> <u>FAX# 803-786-4552</u> <u>EMAIL scotte.wattsroofing.com</u>

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ATTENDEE'S NAME

COMPANY NAME & MAILING ADDRESS

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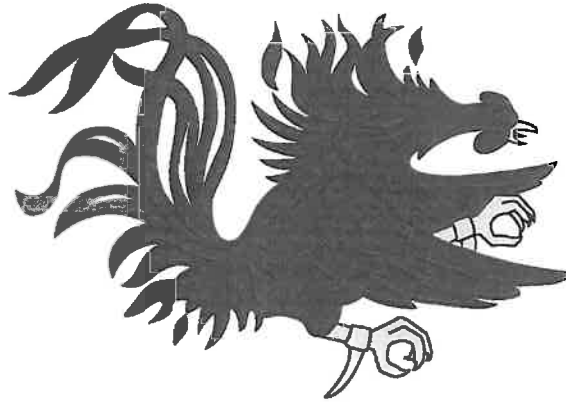
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ATTENDEE'S NAME

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