

BID ADDENDUM

State Project No: H27-Z334	PROJECT NAME: Carolina Coliseum Roof Repairs	ADDENDUM NO.: Three ADDENDUM ISSUE DATE: October 3, 2017
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TO ALL BIDDERS: This addendum is issued for the purposes of modifying or interpreting the project manual, including any specifications or drawings, through addition, deletion, clarification or correction as outlined herein. The information provided in this addendum supersedes any information previously provided in the referenced documents and sections of the project manual or in any separate specifications or drawings incorporated into the project manual. This addendum and the information contained herein shall be used in the preparation of any bid submitted by the Bidder and shall become an integral part of the contract documents for any contract awarded for the project specified.

CHANGES TO PRIOR ADDENDA: NA

CHANGES TO BIDDING REQUIREMENTS: NA

CHANGES TO CONDITIONS OF THE CONTRACT: NA

CHANGES TO SPECIFICATIONS:

REPLACE Section 07 22 16 2.01, C, 1 **WITH** “Shall be fastener with shank diameter of .312 and thread diameter of .375., 90 degree flat head with a #3 square drive with 3” round plate, approved by membrane manufacturer for substrate type with CR-10 corrosion resistant coating meeting the requirements of FM 4470, of length to penetrate deck 2” and approved for insulation attachment. Basis of design: OMG Roofing Products Lite-Deck Fastener.”

DELETE Section 07 01 50, 3.10, A.

CHANGES TO DRAWINGS: NA

INFORMATION TO BIDDERS:

Pull Test Fastener Report from OMG Roofing Products

REQUEST FOR INFORMATION:

Q=Question

R=Response

Q Will additional time for completion be considered beyond the allotted 90 calendar days?

R No.

Q Will securement to the building structure be allowed for the stair tower?

R Clamping type devices may be used to secure to building at concourse and roof parapet.

Q If the asbestos becomes disturbed; do regulations require the asbestos to be removed?

R Any asbestos material that is disturbed must be removed by a South Carolina licensed asbestos abatement contractor.

ALL OTHER REQUIREMENTS AND PROVISIONS OF THE BIDDING DOCUMENTS REMAIN UNCHANGED. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID FORM. FAILURE TO DO SO MAY BE CAUSE FOR REJECTION OF THE BID.

END OF ADDENDUM

Pull Test Report

Job Name: Carolina Coliseum

Report Number: 16402

Job Location: COLUMBIA, SC

Test Date: 9/28/2017

Ambient Temperature: 90°F

Building Height: 50 ft.

Tester Manufacturer: DMD Force-2000

Max Cap of Tester: 2000

Test Witnessed By:

Ground Roughness: B

Roof Area: 88,000 sq. ft.

Test Performed By: Chase Downs

Existing Roof System: Re-Roof

Test Cut Area Repaired By: Mike Miller (AquaSeal Roofing)

Thickness of Existing Roof: 2"

Fasteners Tested: Gyptec, Lite-Deck

New System Manufacturer: Unknown

Roof Cover Type: F/A Single Ply

New Insulation Manufacturer: Unknown

<u>Insulation Type</u>	<u>Thickness</u>
ISO	1/2" HD ISO

<u>Deck Type</u>	<u>Thickness</u>
Tectum	2.5"
Other - see comments	Tapered

Disclaimer: Manufacturer's installation requirements shall be followed when using any of the tested fasteners or adhesives. Neither the technician performing the pullout tests, nor his/her company is responsible for the waterproofing integrity of the repairs. This test report does not certify the structural integrity of the roof deck.

Test Results

Job Name: Carolina Coliseum

Test Location No.	Results lbs	Fastener Tested	Penetration	Bit Diameter	Comments
1	499	Lite-Deck	2"		
2	586	Lite-Deck	2"		
3	399	Lite-Deck	2"		
4	391	Gypotec	2"		
5	363	Gypotec	2"		
6	221	Lite-Deck	2"		
7	400	Gypotec	2"		
8	487	Gypotec	2"		
9	479	Lite-Deck	2"		
10	455	Lite-Deck	2"		
11	329	Gypotec	2"	1/2"	
12	439	Gypotec	2"		
13	565	Lite-Deck	2"		
14	556	Lite-Deck	2"	1/4"	
15	319	Gypotec	2"	1/2"	

Pull Test Comments:

The scope of work for this project is to M/A a new 1/2" coverboard to the the Tectum deck. The plan is to leave to the existing roof system in place which is approximately 2" thick. Both the Gyptec and LiteDeck fasteners were tested to give the customer 2 options to M/A new insulation. The new single ply membrane will be F/A. For pull test #11 a 1/2" pre drill was required for the Gyptec fastener because the Tectum deck was very dense where the test was performed, and the fastener would not penetrate the deck without a pre drill.

Around the perimeter of the building there is tapered Gypcrete that sits on top of the Tectum. The thickness of this tapered Gypcrete was unable to be determined. Pull tests 14-15 were performed on this section. As an alternative option for insulation attachment on this section the LiteDeck fastener was tested directly into the Gypcrete with a 1/4" pre drill, and the Gyptec fastener was tested directly into it as well with a 1/2" pre drill.

Roof Diagram

