

## BID ADDENDUM

<b>State Project No:</b> FP00000218	<b>PROJECT NAME:</b> Colonial Life Arena Miscellaneous Roof Repairs	<b>ADDENDUM NO.:</b> One  <b>ADDENDUM ISSUE DATE:</b> February 6, 2019
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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:**

**ADD** Section 01 23 00-Alternates.

**CHANGES TO DRAWINGS:**

**REPLACE** Drawing XR-101 **WITH** Drawing XR-101 REVISION DATE 02/06/2019.

**INFORMATION TO BIDDERS:**

- Pre-Bid Sign in Sheet
- **Questions** – All questions must be submitted in writing to [kparker@reiengineers.com](mailto:kparker@reiengineers.com), attention Keith Parker. No oral interpretation or clarification will be made. Last day for interpretation or clarification is February 13, 2019 at 2:00pm. The last day for issuance of an addendum is February 14, 2019 at 2:00pm.
- Owner Elevation Drawing

**CLARIFICATIONS:**

(Q) = Question

(R) = Response

(Q1) = Will contractor personnel be allowed to access roof areas from interior roof hatches?

(R1) = Yes, refer to the requirements of Section 01 14 00, 1.6 B for Use of Existing Building requirements.

(Q2) = Will interior access to the roof be allowed for transportation of materials and equipment to roof and wall areas?

(R2) = Interior access is limited to personnel use. Materials and equipment shall be loaded to work areas from the exterior.

(Q3) = Do you know the elevation of the upper roof?

(R3) = Per the attached elevation drawing, the vertical distance from the loading dock area to the highest part of the roof is approximately 97 feet. It is the responsibility of the bidder to verify information provided.

**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**

**University of South Carolina  
Non Mandatory Pre Bid Sign In Sheet**  
Columbia, SC

Project Name: Colonial Life Arena Miscellaneous Roof Repairs  
 Project Number: FP00000218  
 Pre Bid Date & Time: February 5, 2019 10:00AM 1300 Pickens St Conf Rm 100B

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	Blake Krueger	Watts Roofing		(803) 529-2399	estimating@wattsroofing.com
S W M B E	Walter Marshall	Coastal Commercial Roofing		813-458 3021	dgriiffin@CoastalCommercialRoofing.com
S W M B E	Simone Warner	USC HHA ZMAAT		803-604-7748	warners6@mailbox.sc.edu
S W M B E	Keith Parker	REI Engineers		843-225-6272	kparker@reienjineers.com
S W M B E	Aimee Rish	USC FAC PROC	1300 pickens st 29208	803-777-3261	arish@fmc.sc.edu
S W M B E	Aleve Riba	Aqua Seal Roofing		803 513-6144	atomeagusa@sc.com
S W M B E	Mark Waldron	Southern Roofing Services		803 286 4400	MARK@SOUTHERNROOFING.COM
S W M B E	AnnDerrick	USC FAC planning	1300 pickens St 29208	7-5811	A.Derrick@fmc.sc.edu
S W M B E					

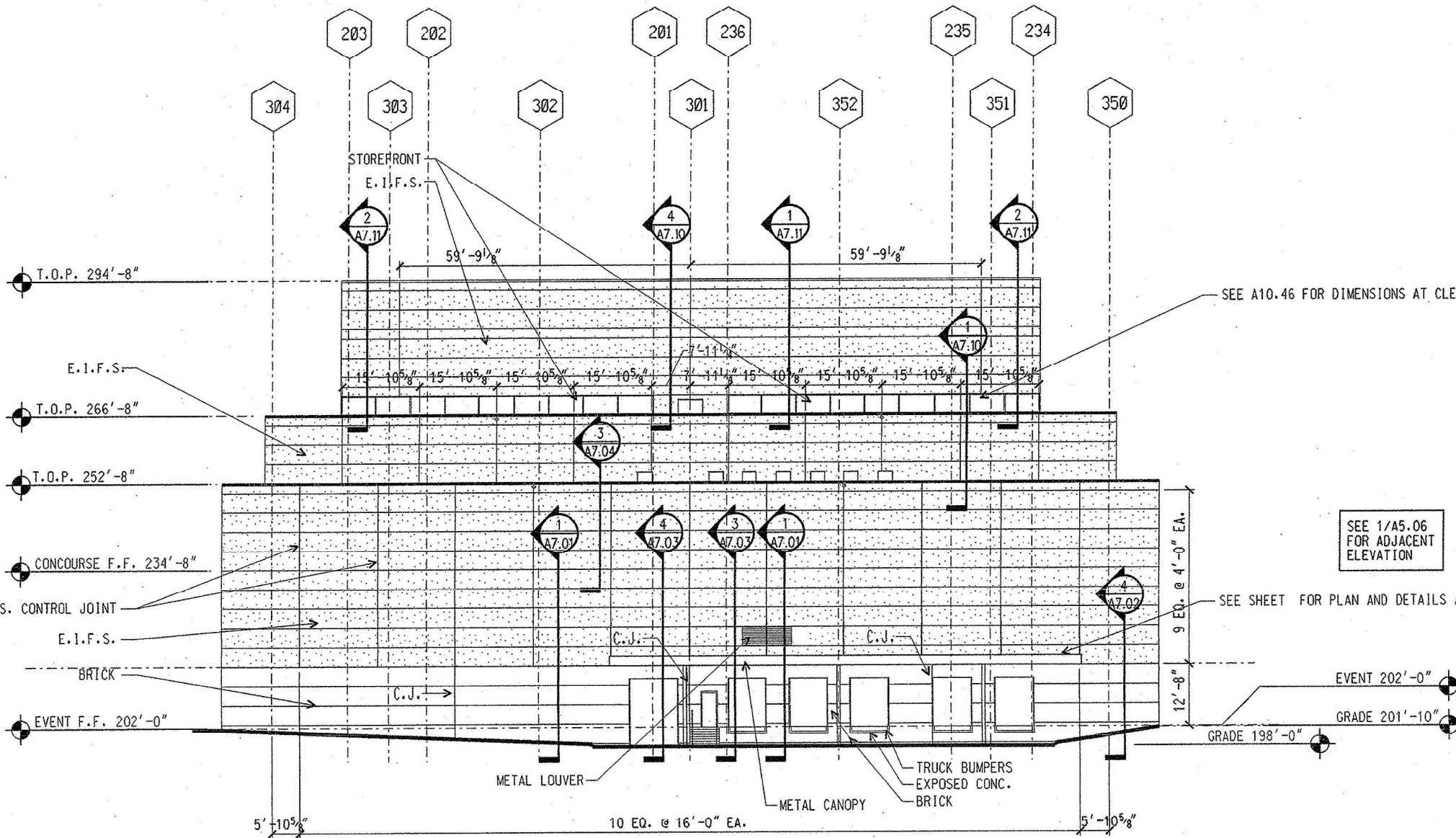
\*\*\*By signing this sheet you agree to receive information electronically.

**University of South Carolina  
Non Mandatory Pre Bid Sign In Sheet**  
Columbia, SC

Project Name: Colonial Life Arena Miscellaneous Roof Repairs  
 Project Number: FP00000218  
 Pre Bid Date & Time: February 5, 2019 10:00AM 1300 Pickens St Conf Rm 100B

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	MPSwin Miles	Roofco. inc.	1345 N. Pike East Sumter SC. 29150	803-775-8860	roofco@uscrr.com
S W M B E	ROBERT FLORES	WATER-TIGHT SYSTEMS	360 BENTON WAY. LEXINGTON, SC 29072	803-600-2049	R.FLORES@WATER-TIGHT SYSTEMS.COM
S W M B E	Billy Vesset	REF Engineers	290 EXECUTIVE BLVD CHARLESTON, SC 29406	843-324-0557	bvessel@refengineers.com
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S W M B E	Andrew DeBrosse – Midwest Maintenance, Inc. 4013 Enterprise Court, Augusta, GA 30907 (706) 855-8888 office/ (706) 726-5883 cell Andy@midwestmaintenance.com				
S W M B E					

\*\*\*\*By signing this sheet you agree to receive information electronically.



A5.03  
JACENT  
ION

SEE 1/A5.06  
FOR ADJACENT  
ELEVATION

SEE SHEET FOR PLAN AND DETAILS A

**2** PARTIAL ELEVATION (NORTH-WEST)  
A5.06 | A5.06 SCALE: 1/16" = 1'-0"

NOTE:  
UNLESS NOTED ALL GLASS TYPE G7

**SECTION 01 23 00**

**ALTERNATES**

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Administrative and procedural requirements for alternates.

**1.2 RELATED DOCUMENTS**

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

**1.3 DEFINITIONS**

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed and/or in the products, materials, equipment, systems or installation methods described in the Contract Documents.

**1.4 ALTERNATES**

- A. Indicate on the Bid Form whether the alternate bid amount is to be added to or deducted from the base bid in the event the alternate bids are accepted.
- B. The Owner reserves the right to accept or reject any or all of the alternate bids.
- C. Each Bidder shall be responsible for determining to his own satisfaction and for his own purposes the limits and extent of the work affected by the alternate bids and to make full and proper allowance therefore in the submission of any alternate bid.
- D. Include the cost of each alternate bid as specified in the technical specification sections and/or as described on the drawings. Work required by the alternate bids shall be performed in accordance with applicable specifications and drawings of the trade section affected.
- E. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate selected alternates into the Work. No other adjustments are made to the Contract Sum.

**PART 2 PRODUCTS (NOT USED)**

**PART 3 EXECUTION**

**3.1 SCHEDULE OF ALTERNATES**

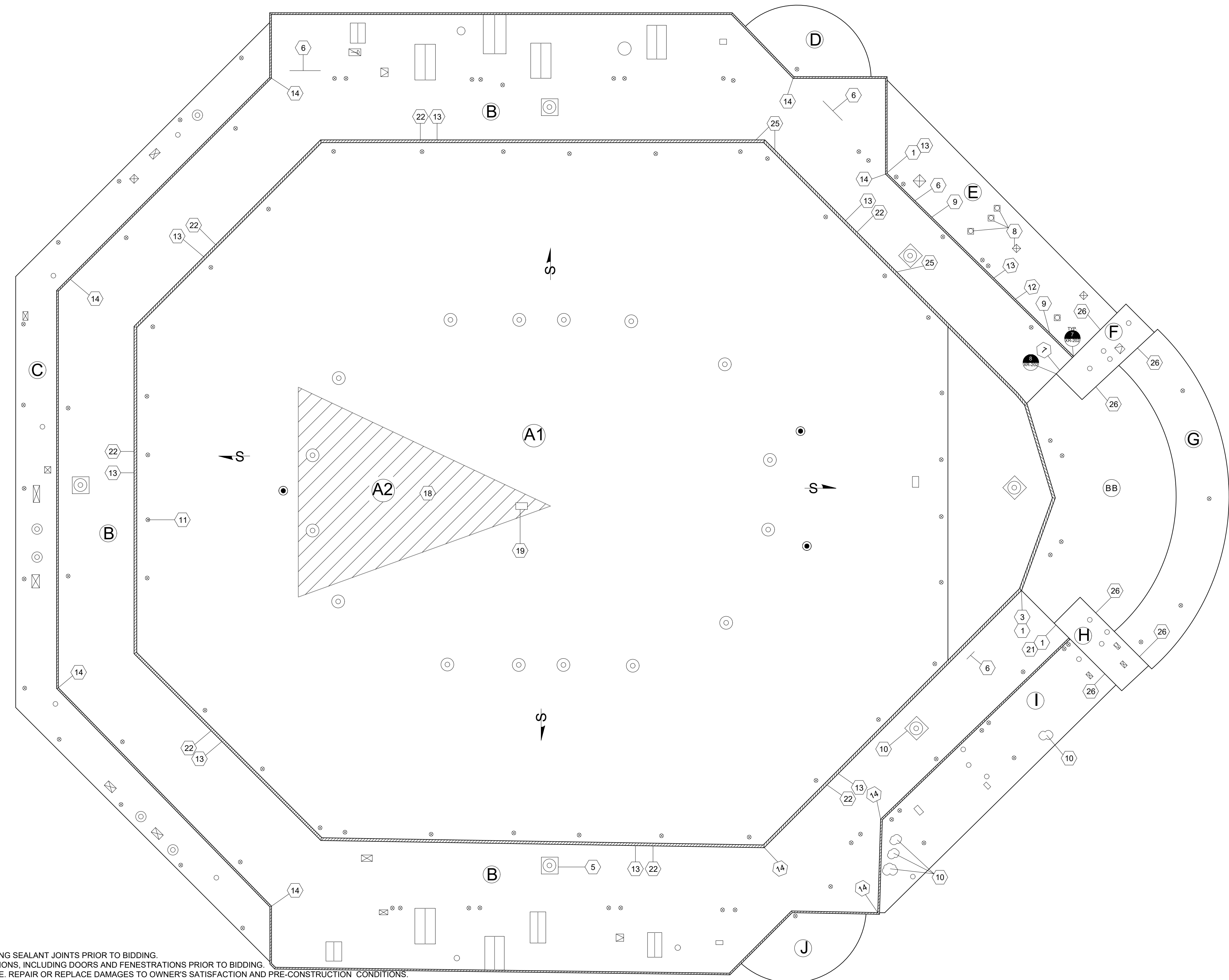
- A. Application of Fluid Applied Water Repellent where indicated on Drawing XR-101 and as specified in Section 07 19 00 – Fluid Applied Water Repellent.

**END OF SECTION 01 23 00**



SECTOR	AREA (SQUARE FEET)
A	± 125,893
A1	± 360
B	± 62,304
BB	± 7,128
C	± 10,957
D	± 1,576
E	± 4,235
F	± 915
G	± 4,373
H	± 856
I	± 4,921
J	± 1,497
TOTAL	± 225,015

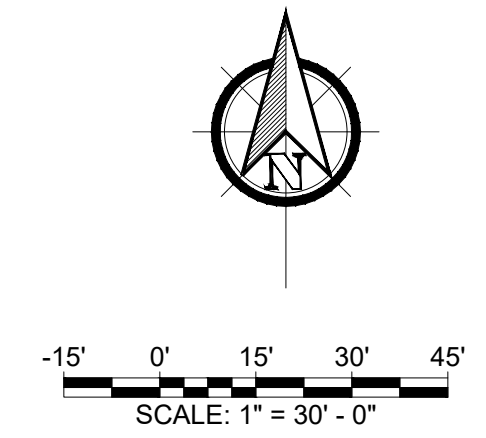
\*\*CONTRACTOR TO VERIFY ALL QUANTITIES PRIOR TO BIDDING\*\*



- A. GENERAL NOTES**
- CONTRACTOR SHALL VERIFY LOCATIONS AND LINEAR FEET OF EXISTING SEALANT JOINTS PRIOR TO BIDDING.
  - CONTRACTOR SHALL VERIFY NUMBER AND LOCATIONS OF PENETRATIONS, INCLUDING DOORS AND FENESTRATIONS PRIOR TO BIDDING.
  - PROTECT GROUNDS AND ROOF SYSTEM COMPONENTS FROM DAMAGE. REPAIR OR REPLACE DAMAGES TO OWNER'S SATISFACTION AND PRE-CONSTRUCTION CONDITIONS.
- B. SECTOR I**
- PROVIDE NEW ROOF MEMBRANE TO REPAIR EXISTING DAMAGED ROOF MEMBRANE; APPROXIMATELY 14 SQUARE FEET.
  - PROVIDE NEW FLUID APPLIED WATER REPELLANT TO BRICK MASONRY ABOVE ROOF SECTOR. TERMINATE WATER REPELLANT ONE BRICK COURSE ABOVE EXISTING SURFACE MOUNTED METAL COUNTERFLASHING. PROVIDE NEW METAL CLOSURE FOR COUNTERFLASHING AND COPING TERMINATION WHERE INDICATED.
- C. SECTOR BB**
- REMOVE SEALANT AND BACKER ROD FROM HORIZONTAL BRICK MASONRY TO EIFS JOINT AND PROVIDE NEW BACKER ROD AND SEALANT AS SPECIFIED.
- D. SECTOR B**
- PROVIDE NEW MEMBRANE FLASHING AT ROOF TO WALL TRANSITION WHERE OPEN BELOW CORNER OF WINDOW.
  - REMOVE AND REPLACE SEALANT AT WINDOW SILL; APPROXIMATELY 14 INCHES.
  - REMOVE AND REPLACE CIRCULAR MEMBRANE PATCHES AT FOUR CORNERS OF CURB
  - PROVIDE NEW 6 INCH MEMBRANE STRIPPING OVER EXISTING MEMBRANE SEAM; APPROXIMATELY 40 LINEAR FEET TOTAL THIS SECTOR.
  - PROVIDE NEW ROOF MEMBRANE TO REPAIR EXISTING DAMAGED ROOF MEMBRANE; APPROXIMATELY 8 SQUARE FEET TOTAL THIS SECTOR.
  - REMOVE SEALANT AND BACKER ROD AT EIFS TO WINDOW HEAD AND JAMB JOINTS AND PROVIDE NEW BACKER ROD AND SEALANT AS SPECIFIED. PROVIDE NEW WEEP SPACED 16 INCHES ON CENTER, MAXIMUM. ALL CONDITIONS PRESENT AT ELEVATION NOTED ARE INCLUDED IN SCOPE OF WORK.
  - REMOVE EXISTING MEMBRANE PATCH AND REPLACE WITH NEW; APPROXIMATELY 25 SQUARE FEET TOTAL THIS SECTOR.
  - REMOVE SEALANT AND BACKER ROD AT BRICK MASONRY TO WINDOW JAMB JOINT AND PROVIDE NEW BACKER ROD AND SEALANT AS SPECIFIED.
  - REMOVE EXISTING GLAZING FROM ALL WINDOWS AND STOREFRONTS AND APPLY NEW GLAZING AT FRAME TO GLASS. EXISTING RUBBER GASKETS SHOULD BE TRIMMED FLUSH, NOT REMOVED. ALL CONDITIONS PRESENT AT ELEVATION NOTED ARE INCLUDED IN SCOPE OF WORK.
  - REMOVE EXISTING EIFS TRACK AND REPLACE WITH NEW DRAINAGE TRACK AS SPECIFIED. REMOVE AND REPLACE EIFS AS REQUIRED FOR INSTALLATION OF NEW DRAINAGE TRACK. ALL CONDITIONS PRESENT AT ELEVATION NOTED ARE INCLUDED IN SCOPE OF WORK.
  - REMOVE SEALANT AND BACKER ROD FROM EIFS CONTROL JOINTS. PROVIDE NEW BACKER ROD AND SEALANT AS SPECIFIED. ALL CONDITIONS PRESENT AT ELEVATION NOTED ARE INCLUDED IN SCOPE OF WORK.
  - PROVIDE NEW SELF ADHERED FLASHING OVER WINDOW HEAD JOINT PRIOR TO INSTALLATION OF NEW BACKER ROD AND SEALANT.
  - PROVIDE NEW FLUID APPLIED WATER REPELLANT TO BRICK MASONRY ABOVE ROOF SECTOR. TERMINATE WATER REPELLANT ONE BRICK COURSE ABOVE EXISTING SURFACE MOUNTED METAL COUNTERFLASHING. PROVIDE NEW METAL CLOSURE FOR COUNTERFLASHING AND COPING TERMINATION WHERE INDICATED.
- E. SECTOR E**
- PROVIDE NEW MEMBRANE FLASHING AT ROOF TO WALL TRANSITION WHERE OPEN BELOW CORNER OF WINDOW.
  - PROVIDE NEW BACKER ROD AND SEALANT AS SPECIFIED TO SEAL THROUGH WALL DRAIN OUTLET; APPROXIMATELY 8 INCH DIAMETER.
  - REMOVE EXISTING FLASHING AND PROVIDE NEW MEMBRANE FLASHING ALL SIDES OF ROOF CURB AS SPECIFIED. WRAP FLASHING UP AND OVER CURB PRIOR TO RE-SECURING ROOFTOP UNIT.
  - REMOVE SEALANT AND BACKER ROD FROM HORIZONTAL BRICK MASONRY TO EIFS JOINT AND PROVIDE NEW BACKER ROD AND SEALANT AS SPECIFIED.
  - PROVIDE NEW FLUID APPLIED WATER REPELLANT TO BRICK MASONRY ABOVE ROOF SECTOR. TERMINATE WATER REPELLANT ONE BRICK COURSE ABOVE EXISTING SURFACE MOUNTED METAL COUNTERFLASHING. PROVIDE NEW METAL CLOSURE FOR COUNTERFLASHING AND COPING TERMINATION WHERE INDICATED.
  - PROVIDE NEW ROOF MEMBRANE TO REPAIR EXISTING DAMAGED ROOF MEMBRANE; APPROXIMATELY 14 SQUARE FEET.
  - PROVIDE NEW 6 INCH MEMBRANE STRIPPING OVER EXISTING SEAM.
  - REMOVE EXISTING EIFS AND REPLACE WITH NEW DRAINAGE TRACK AS SPECIFIED. REMOVE AND REPLACE EIFS AS REQUIRED FOR INSTALLATION OF NEW DRAINAGE TRACK. ALL CONDITIONS PRESENT AT ELEVATION NOTED ARE INCLUDED IN SCOPE OF WORK.
- F. SECTOR A1**
- PROVIDE NEW ROOF DRAIN ASSEMBLY WITH CAST IRON STRAINER DOME AND CLAMPING RING AND PROVIDE NEW STAINLESS STEEL CLAMPING RING BOLTS AND MEMBRANE FLASHING.
- G. SECTOR A2**
- PROVIDE NEW 6 INCH MEMBRANE STRIPPING OVER EXISTING MEMBRANE SEAMS IN AREA HATCHED; APPROXIMATELY 360 LINEAR FEET TOTAL THIS SECTOR.
  - PROVIDE NEW FLASHING. REFER TO DETAIL 4 / XR-201.

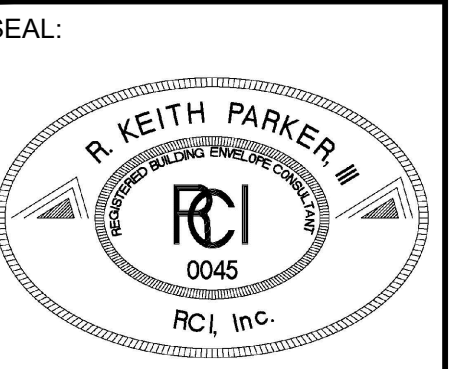
**LEGEND**

	ROOF EDGE
	STRUCTURAL SLOPE
	ROOF DRAIN
	EQUIPMENT CURB
	PIPE PENETRATION
	VENTILATOR
	TIE-OFF POINT/ANCHOR
	ROOF HATCH
	NOTE NUMBER
	DETAIL NUMBER



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www.reiengineers.com



**COLONIAL LIFE ARENA BUILDING ENVELOPE REPAIR**  
UNIVERSITY OF SOUTH CAROLINA  
COLUMBIA, SOUTH CAROLINA  
REI PROJECT #: 18CHS-082

REVISION #	REVISION DATE
1	02/06/19
2	
3	
4	

DRAWN BY: RLW  
SCALE: 1" = 30' - 0"  
DATE: 01/07/2019  
DRAWING: XR-101  
SHEET 2 OF 4  
ROOF PLAN