University of South Carolina Softball Stadium Construction Columbia, SC

State Project No. H27-6088-MJ Architect's Project No. 11.122.00 Addendum No. 3

Quackenbush Architects + Planners 1217 Hampton Street Columbia, South Carolina 29201

April 26, 2012

## ADDENDUM NO.3

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

## **ATTACHMENTS**

Documents: Sketches SK-A-03, SK-A-02, SK-A-03, SK-A-04, SK-A-05, SK-A-06, SK-A-07, SK-A-08, SK-A-09, SK-A-10, SK-A-11, SK-A-12, SK-S-04, SK-S-05, SK-S-06, SK-S-07, SK-S-08, SK-S-09, SK-S-10

## **GENERAL**

- Bidders are hereby advised that information from bid documents which are not received from the sources listed in the Invitation for Bids is not legitimate and the bidder accepts full responsibility for any differences. Quackenbush Architects + Planners has not authorized the scanning of their documents. Bidders should be aware that the plans are copyrighted and any unlawful use is subject to legal action. Bidders are further advised that the purchase and/or use of partial bid documents is not recommended and bidder will be responsible for any discrepancies which might have been avoided had a full set of documents been reviewed.
- 2. Listing of multiple products or manufacturers within specifications or approval of products or manufacturers via substitution request does not waive or preclude any and all performance, warranty or specific requirements listed within the specification unless specifically noted in the Addendum. Only manufacturers and products meeting the specification requirements and listed in the specifications or included in the Addendum shall be approved for the project.

## PROJECT MANUAL

### Item No. Description

1. Reference 057000 DECORATIVE METAL:

Add the following Section 2.11:

2.11 GATES

A. Gate Configuration: Single leaf, 48" wide clear opening, 7'-2" high.

B. Gate Fabrication: Gate to be fabricated from 2"x2" steel tube frame with mitered and welded corners ground smooth prior to painting. Provide framed mesh infill with spacers to match adjacent mesh infill panels. Provide metal tube 12"h x 2" wide for Egress Device mounting.
C. Hardware:

1. Hinges: Heavy Duty for exterior use, Elite power Hinge 3 Aluminum Gate Hinge with double ball bearings.

2. Egress Device provided by Hardware Supplier. Gate Installer responsible for coordinating mounting, strike, installing egress device and coordinating adjustments to allow for locking and latching.

- 2. Reference 074113.16 STANDING-SEAM METAL ROOF PANELS Add the following sentence to 2.4.E. "DOWNSPOUT TRANSITIONS / ELBOWS SHALL BE OF WELDED CONSTRUCTION."
- Reference 074213.23 METAL COMPOSITE MATERIAL WALL PANELS: Add the following as approved manufacturers:
   d. Intrabond
   e. Alpolic Materials
- 4. Reference 087100 DOOR HARDWARE, PART 4 HARDWARE SCHEDULE: k. Set No. 11 Revise Door 201A to be **Door 201AA**
- 5. Reference 126300 Stadium Seating

Section 1.6 – Make the following modifications. DELETE paragraph B and REPLACE it with the following:

B. Chair Warranty Periods:

1. Structural Components: 10 year period against failure of the base material, metal corrosion and color change

Operating Mechanisms: 5 year period against failure of the hinge to provide for automatic rising
 Plastic and Painted Components: 3 year period against cracking, crazing, and/or other failure of backs and seats, and color change

Section 1.6 – Please make the following modification. DELETE paragraph C and REPLACE it with the following:

C. Plank Warranty Periods:

- 1. Structural Components: 10 year period against failure of the base material, metal corrosion and color change
- Reference 238162 Heating and Air Conditioning Equipment
   Add the following approved manufacturer for VRF System:
   LG
   Add the following approved manufacturer for Dedicated Outdoor Air Unit:
   Venmar
- Reference 265610 Softball Lighting System Section 2.1 paragraph 19c - CHANGE the reference to 2 – 1500watt quartz emergency fixtures on poles "B1 and B2" to poles "A1 and A2".
- 8. Reference 312200.1 PLAYING FIELD EARTHWORK

Revise the following: 1.2 c Add: "A subcontractor may satisfy the Certified Field Builder requirement."

# DRAWINGS

### Item No. Description

- 1. Reference A2.1 Add the following note to EQUIPMENT ROOM 110, "PROVIDE 2'X2' INSULATED RATED ALUMINUM ACCESS PANEL (LOCKABLE) TO THE LEFT OF THE CONCRETE BEAM FOR ACCESS TO AREA BETWEEN EQUIPMENT ROOF AND BOTTOM OF CONCRETE STADIUM."
- 2. Reference A3.3 Replace Detail 9/A3.3 with attached Sketch SK-A-04 Add Detail 10/A3.3 with attached Sketch SK-A-05 Add Detail 11/A3.3 with attached Sketch SK-A-06

3. Reference A6.0 At FL-CONC-2 (AND ALL OTHER LOCATIONS WHERE SPRAY FOAM INSULATION IS LISTED), Add the following notes: Contractor's Option: Spray Insulation R-13 min value covered with 15 minute Thermal Barrier (1/2" gypsum board with taped joints or approved intumescent coating) per IBC 2009 2603.4. In lieu of Spray Insulation with Thermal Barrier, 2" polyiso with shiplap sealed joints meeting ASTM 1289 Type I, Class II for Exposed Applications with ICC Approved and tested Thermal Barrier. Insulation system shall be installed under entire occupied area, including beams and sealed at perimeter.

At RF-BUR2, Add the following note: Add ½" CONT EXTERIOR GRADE PLYWOOD (WITH STAGGERED JOINTS, SCREWED TO METAL STUD FRAMING) under the 1/2" EXTERIOR ROOF SHEATHING At EWS-CMU-CONC, Add the following note: "CONT BITUMINUOUS DAMPPROOFING ON CONCRETE FACE UNDER INSULATION"

At Detail 4/A6.0, Revise Metal Flashing to be Metal Drip flashing in lieu of straight flashing shown in detail. Terminate flashing/ drip  $\frac{1}{2}$ " above concrete sidewalk and seal.

- 4. Reference A6.2: Add Detail 8/A6.2 with sketch SK-A-08
- 5. Reference A6.3:
  Add Detail 9/A6.3 with sketch SK-A-07
  At Detail 7/A6.3, Revise 6 ½" to be 6" at curb.
  At Detail 1/A6.3 (and similar conditions), Add the following note at guardrail base: "PROVIDE SLEEVE ANCHOR AT STRUCTURAL SLAB AND SEAL WATERPROOFING AT PENETRATION PRIOR TO POURING TOPPING SLAB"
- Reference A6.4: Detail 4/A6.4: See attached sketch SK-A-03 for additional notes and clarification at stair connection to stadium. Detail 3/A6.4: See attached sketch SK-A-11 for clarification at canopy near elevator.
- 7. Reference A6.5:

At Detail 1: At the top of the CMU and brick wall, provide a 1" gap at the top of the CMU and seal both sides. At the bottom of the concrete beam (and at the ends), provide an 1/8" thick break metal closure anchored to brick side only with a 2" overlap at beam and column to allow for movement (notch at columns).

8. Reference A6.9:

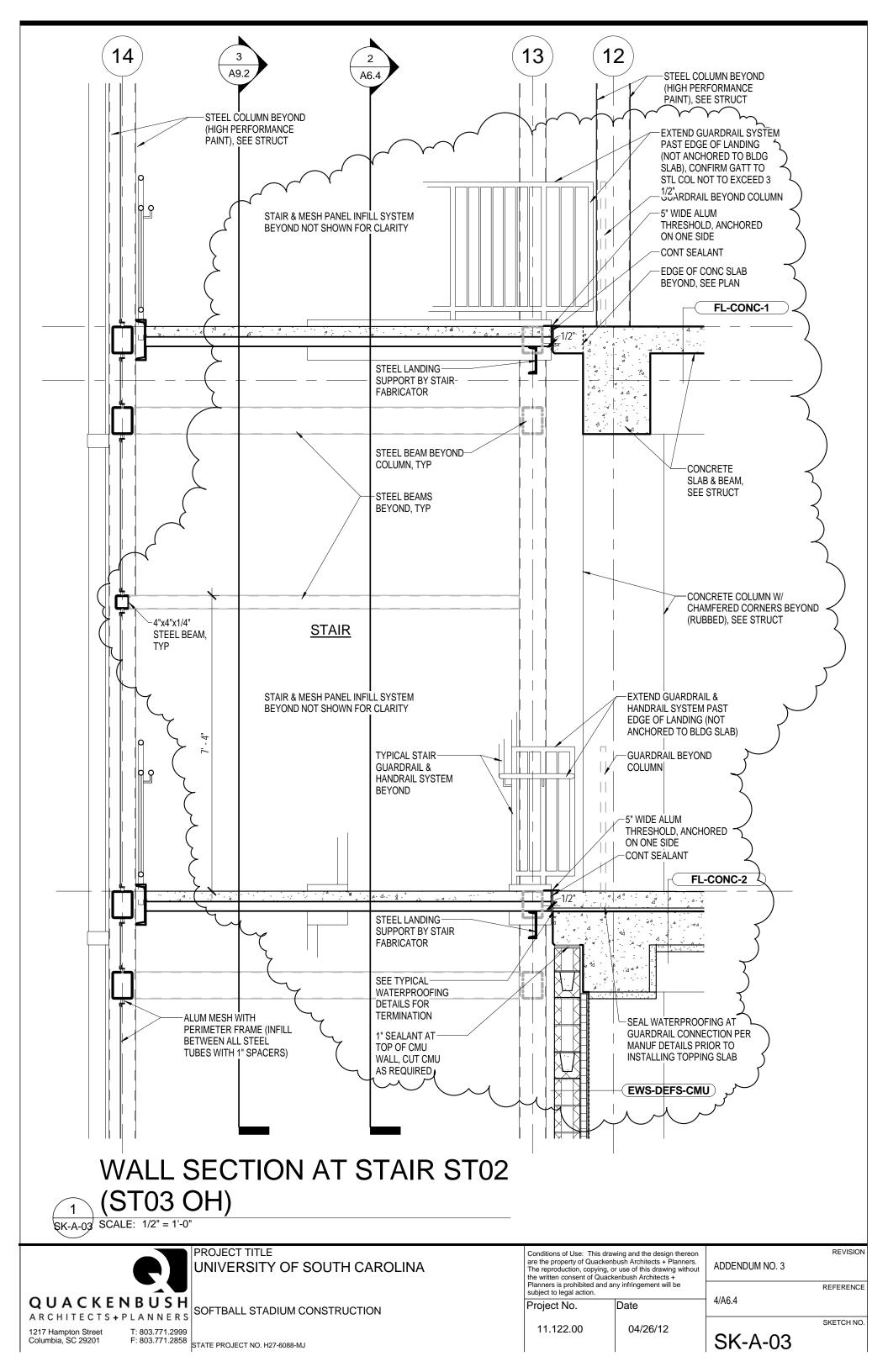
Add Detail 11/A6.9 with sketch SK-A-09 Revise Section 9/A6.9 with sketch SK-A-10 Revise Section 8/A6.9 with sketch SK-A-12 At 6/A6.9, Delete Grout all cavities solid note, Top of footing to be 198.7 and total wall height shall be 10'-8" (field verify final elevations so that wall height is approximately 8'-10" above final elevation of adjacent slab at electrical service area).

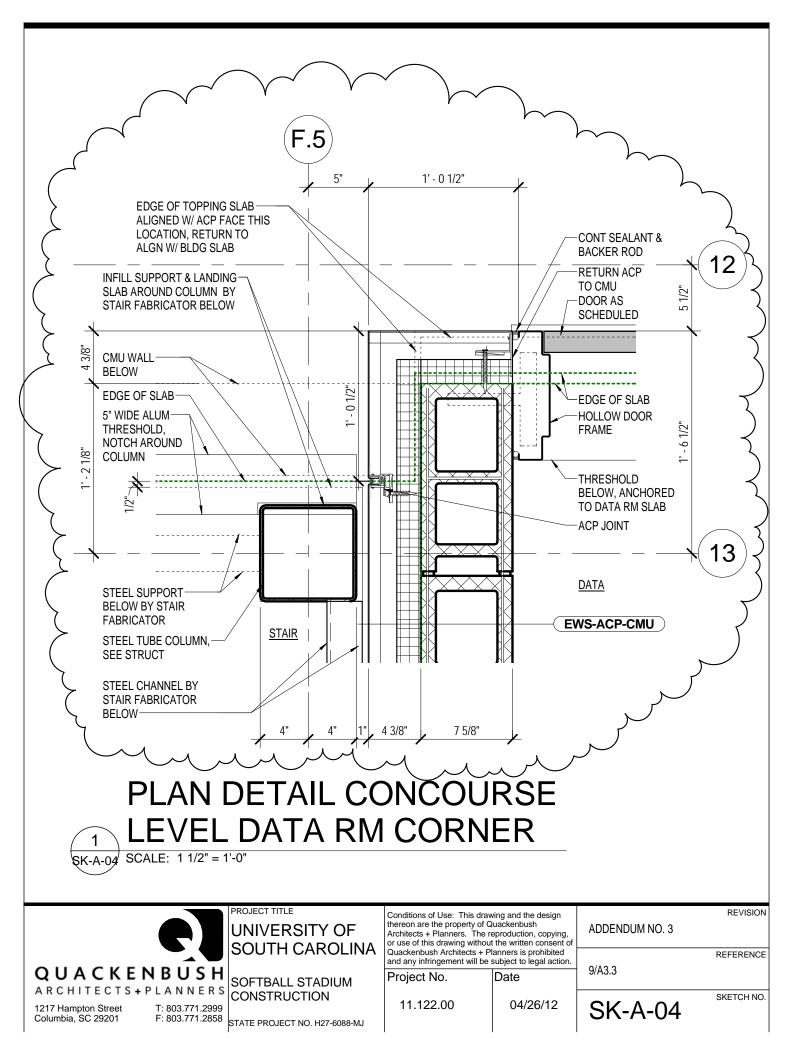
9. Reference A9.1: 5/A9.1: Revise Guardrail Note at bottom of stair to read: "RETURN GUARDRAIL TO WALL AT BOTTOM LANDING, RETURN HANDRAIL EXTENSION 1'-11" HORIZONTALLY ALONG GUARDRAIL AND RETURNED TO GUARDRAIL FACE"

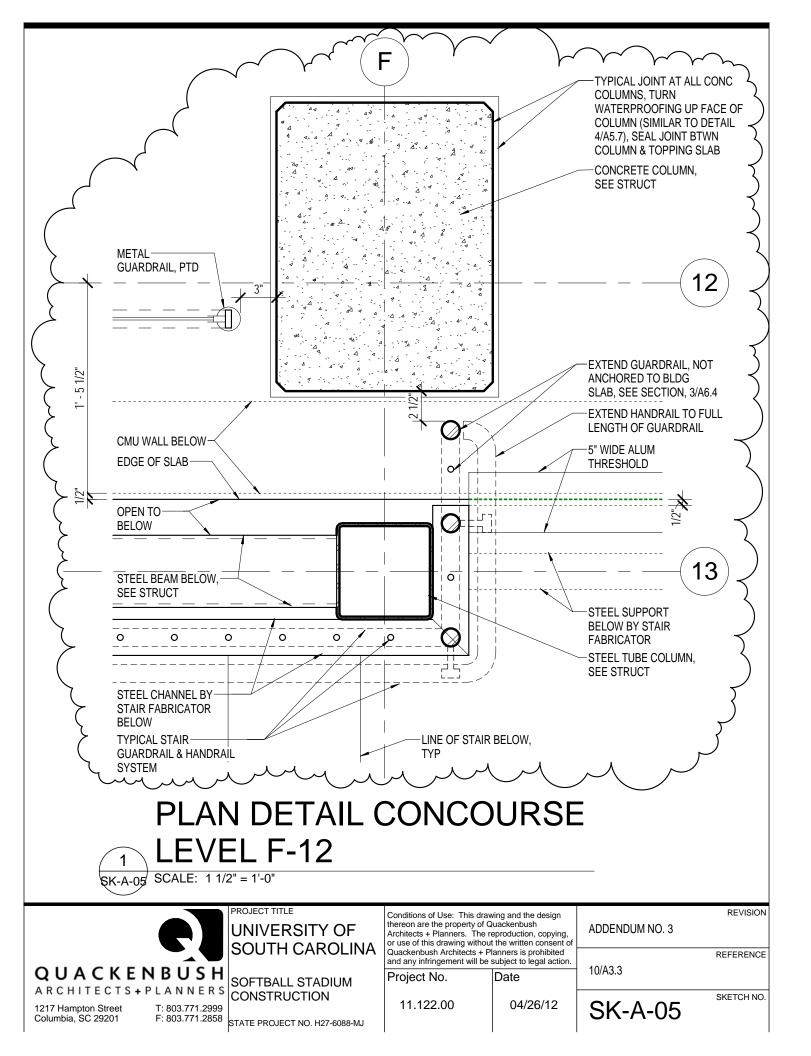
Add the following General Stair Note: "R. Provide 1/8" STEEL PLATE COVER ALONG TOP OF STEEL CHANNEL STRINGERS TO CONCEAL CONSTRUCTION TOLERANCE GAPS, PAINT TO MATCH STAIR STEEL."

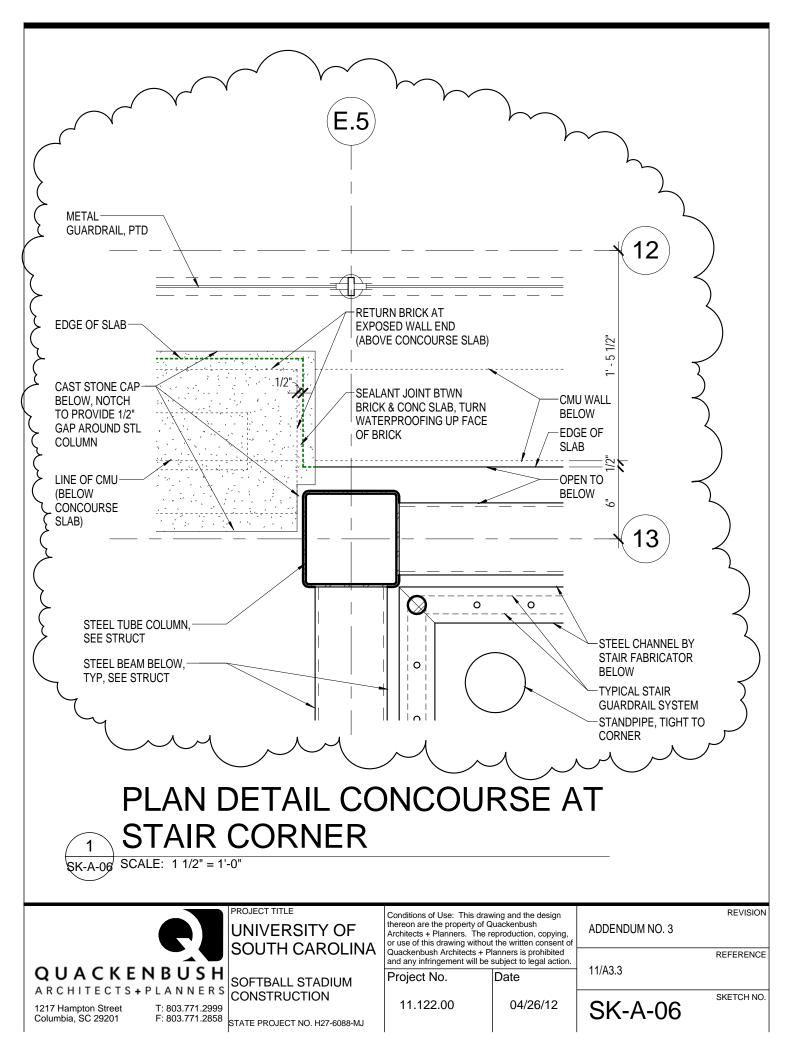
- 10. Reference A9.2: 4/A9.2: Add the following notes: "AT 1'-11" HANDRAIL EXTENSION, RETURN HANDRAIL DOWN AND EMBED IN CONCRETE", AT 11" DIMENSION, EXTEND HANDRAIL 1'-11" HORIZONTALLY AROUND END OF GUARDRAIL AND RETURN TO THE FACE OF THE GUARDRAIL."
- 11. Reference A9.3:
  1/A9.3: Add the following note to Steel Guardrail & Handrail at the bottom of the stairs: "EXTEND HANDRAIL HORIZONTALLY 12" BEYOND THE END OF THE GUARDRAIL AND TURN DOWN AND EMBED IN CONCRETE (BOTH SIDES)."
  2/A9.3: Revise Guardrail note to read "RETURN GUARD RAIL AND HANDRAIL TO WALL, RETURN END OF HANDRAIL TO FACE OF GUARDRAIL", Add the following note to the handrail at the stadium side of the stair near the top of the stair "RETURN HANDRAIL HORIZONTALLY ALONG GUARDRAIL FOR EXTENSION OF 1'-0" AND RETURN BACK TO GUARDRAIL POST"
- 12. Reference drawing S2.2: Outside face of concourse slab at stairs was REVISED as shown on SK-S-04, SK-S-05; with sections shown on SK-S-06, and SK-S-07.
- 13. Reference drawing S3.1: Clarify cantilever dimension as shown in SK-S-09
- 14. Reference drawing S4.1: Add an HSS6x4x1/4 tube to support canopy between elevator tower and stair tower. Bolt beam to block wall at each end.
- 15. Reference S5.1: Add attached Typical Concrete Screen Wall Detail as shown in attached SK-S-08. Reference Architectural drawings for location in plan.
- 16. Reference S6.2, Section 6 Delete HSS6x6x1/4 tube supports and revise location of concrete beams for cantilevered concrete slab as shown on SK-S-10
- 17. Reference Sheet S6.3 Sections 1,2,3,4,5 and Sheet S6.2 Section 7 Revise dimension of curb to be 6" in lieu of 6  $\frac{1}{2}$ ".
- 18. Reference E101, Add the following: In reference to Sheet E101: In Mud Room 111, provide a 4"x4" recessed junction box at 48" AFF with 1" conduit and pull string routed to the Ballfield Lighting Control Panel in Elec Room 120 for remote control of Ballfield Lighting. In Elec Room 120 provide a 4"x4" surface mounted junction box at 48" AFF with 1" conduit and pull string routed to the Ballfield Lighting Control Panel for control of Ballfield Lighting. Coordinate exact locations and requirements with Architect and Ballfield Lighting provider.

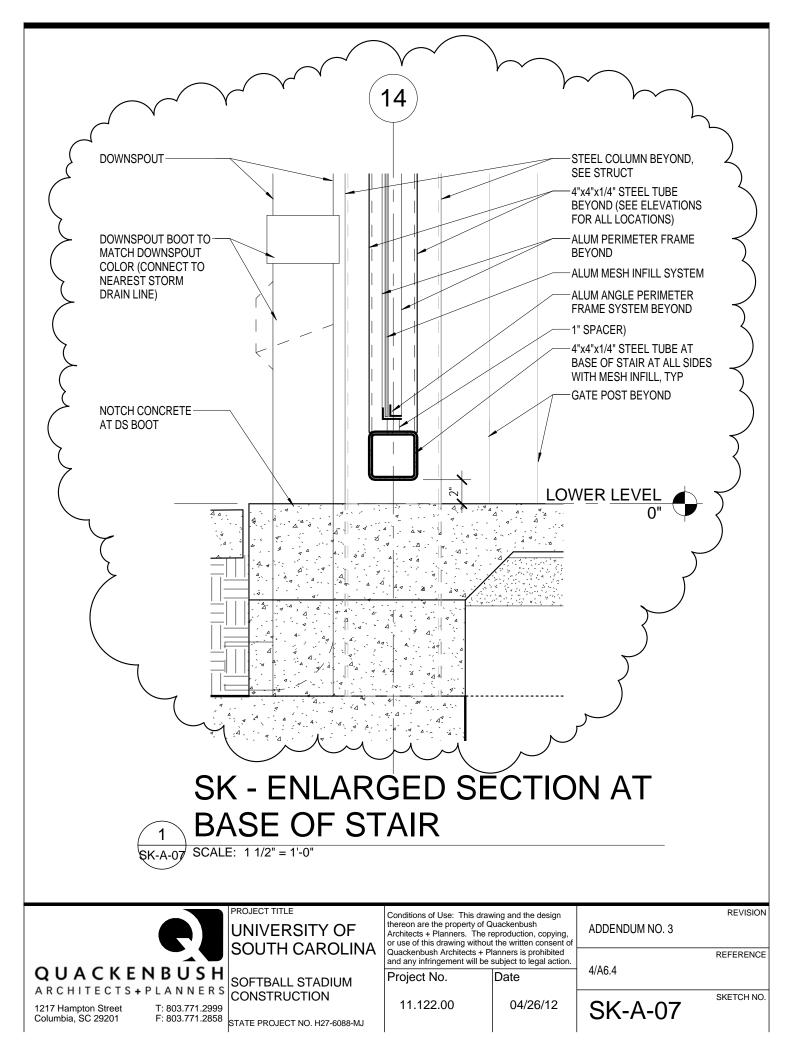
END OF ADDENDUM NO.3

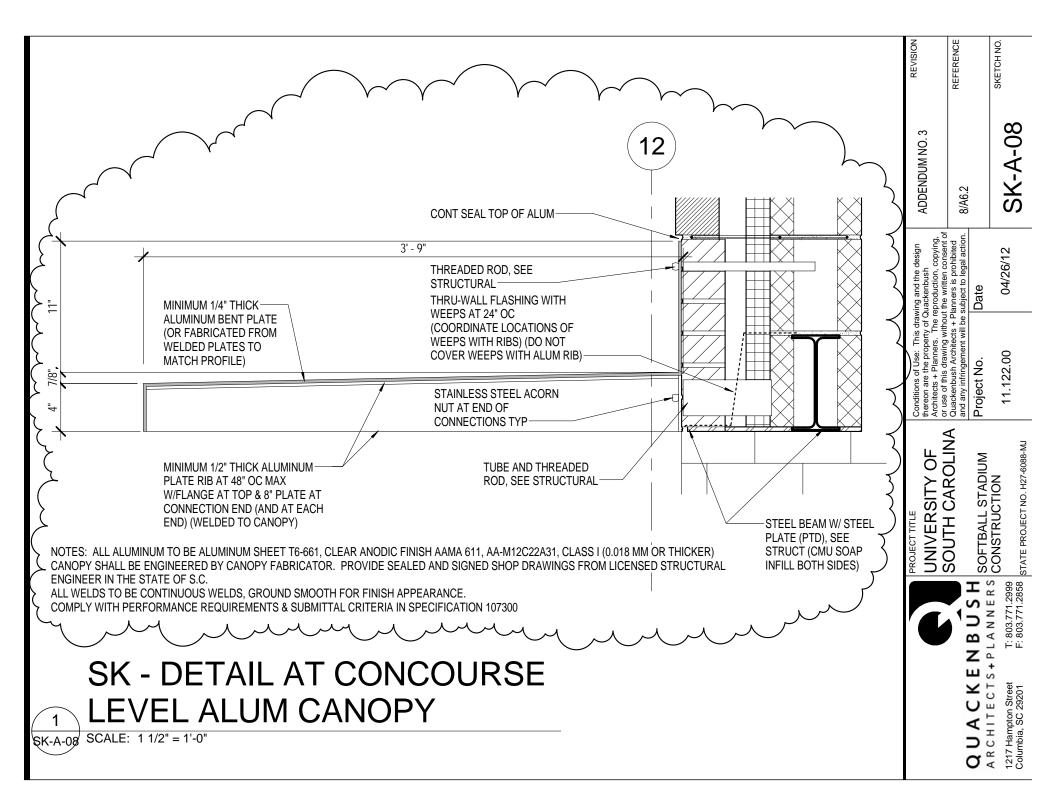


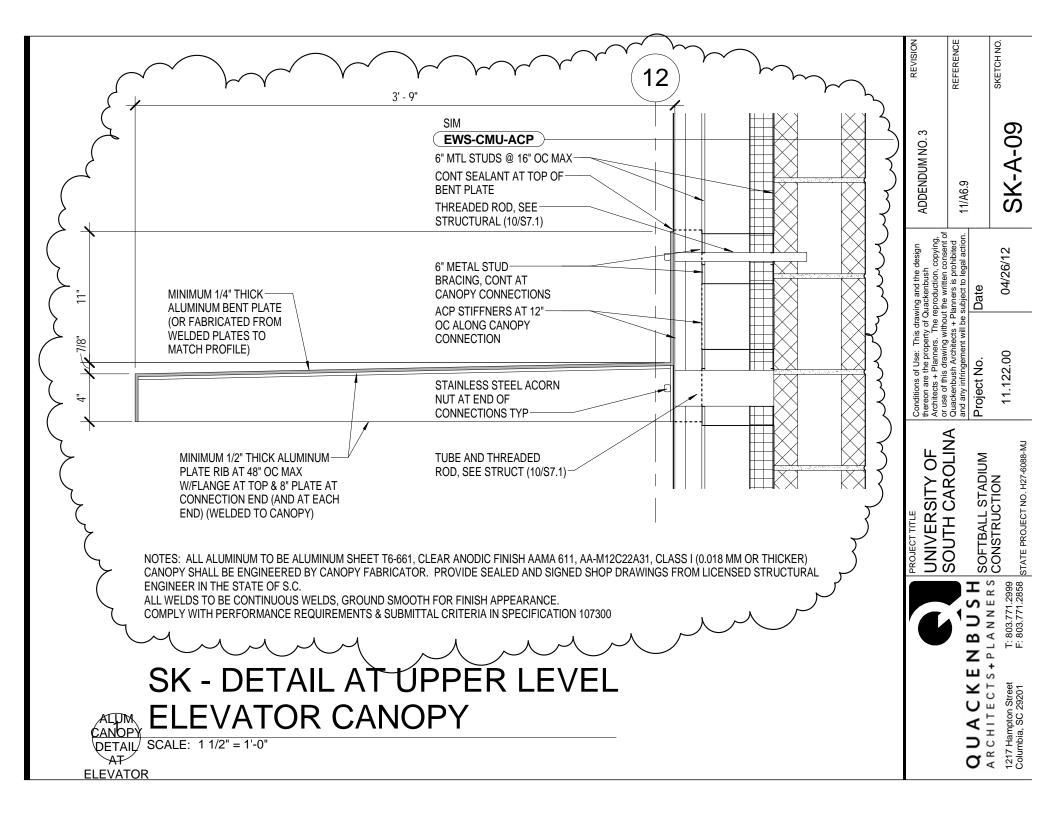


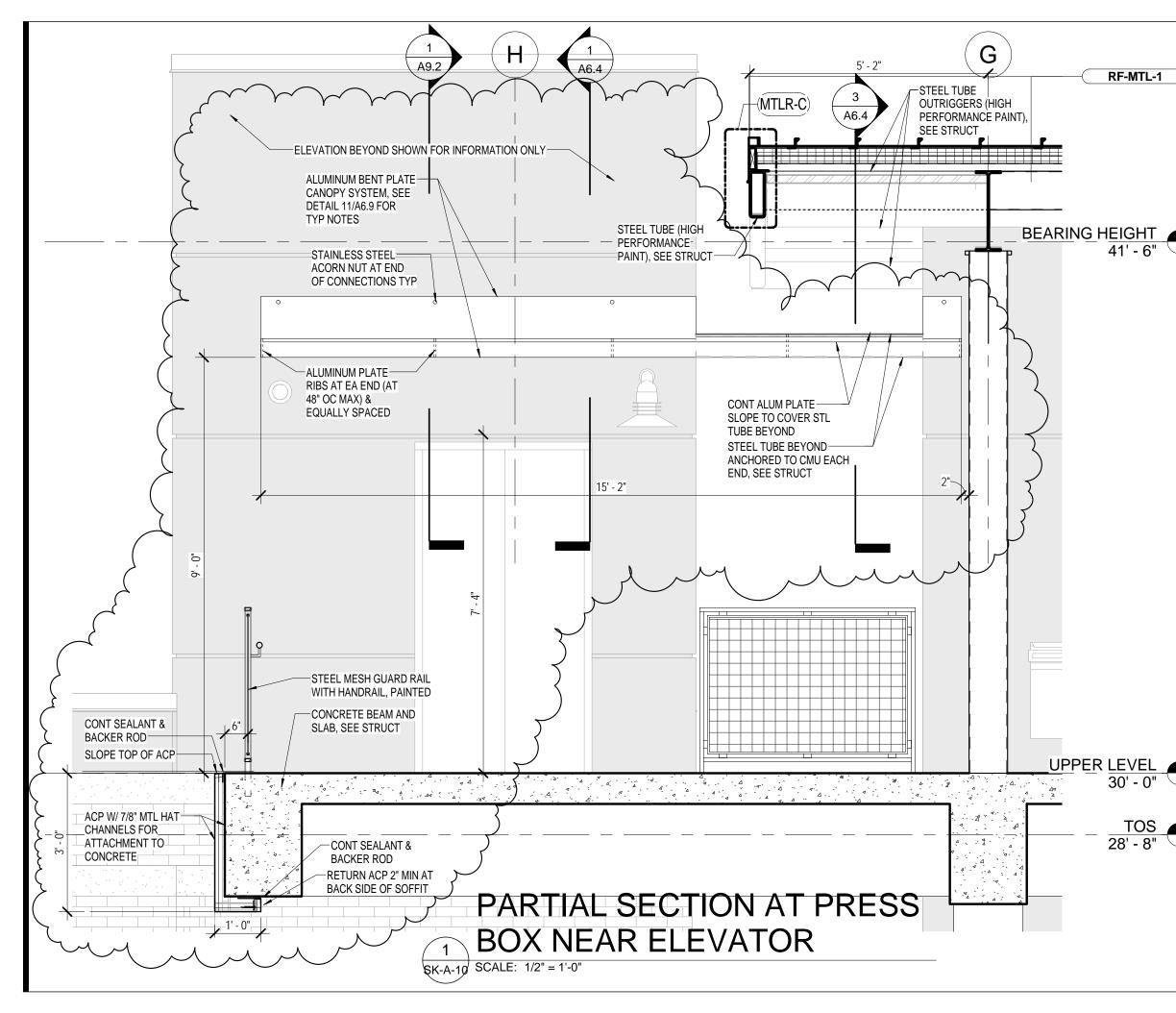




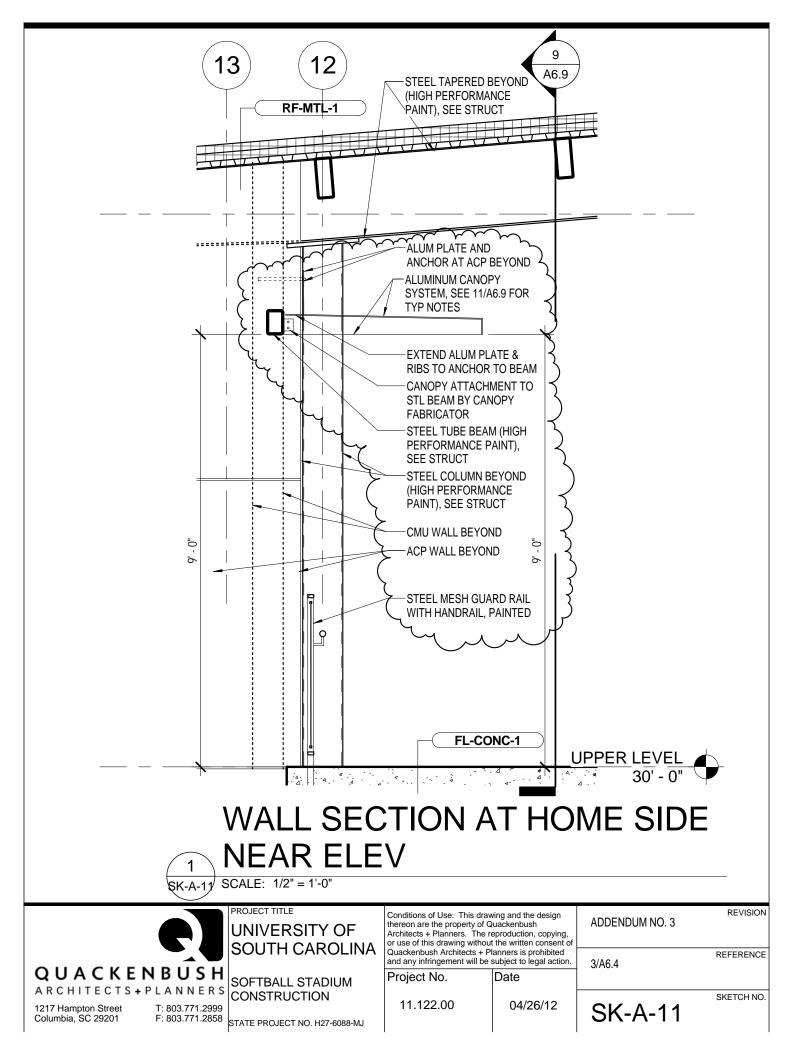


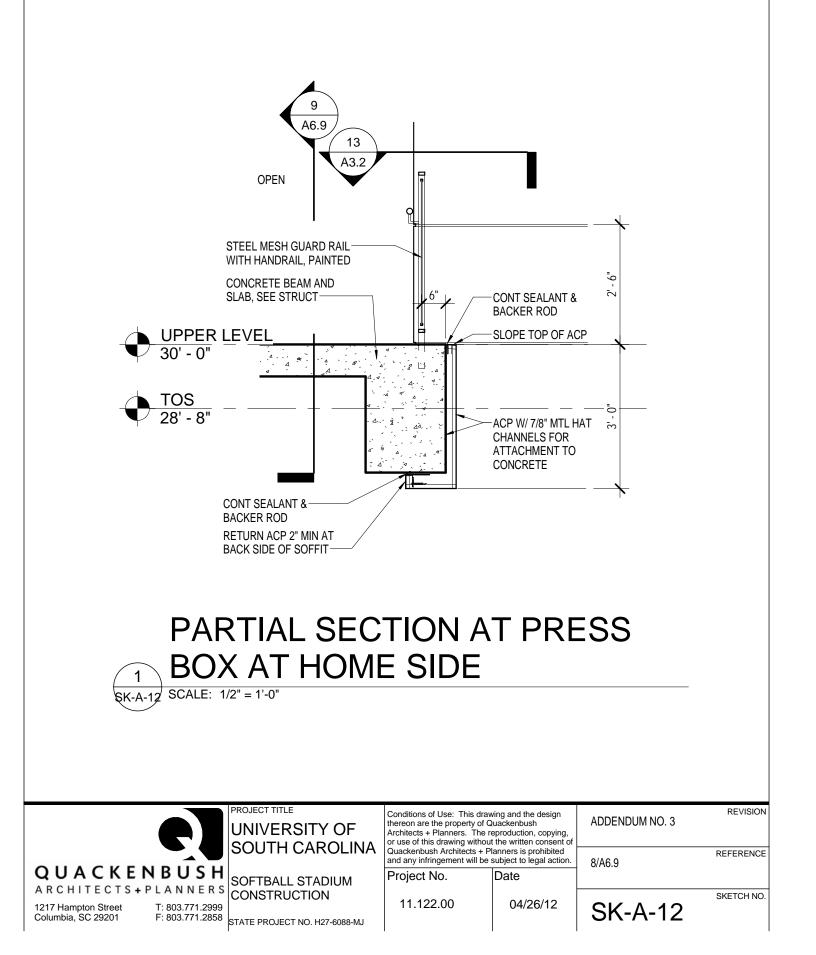


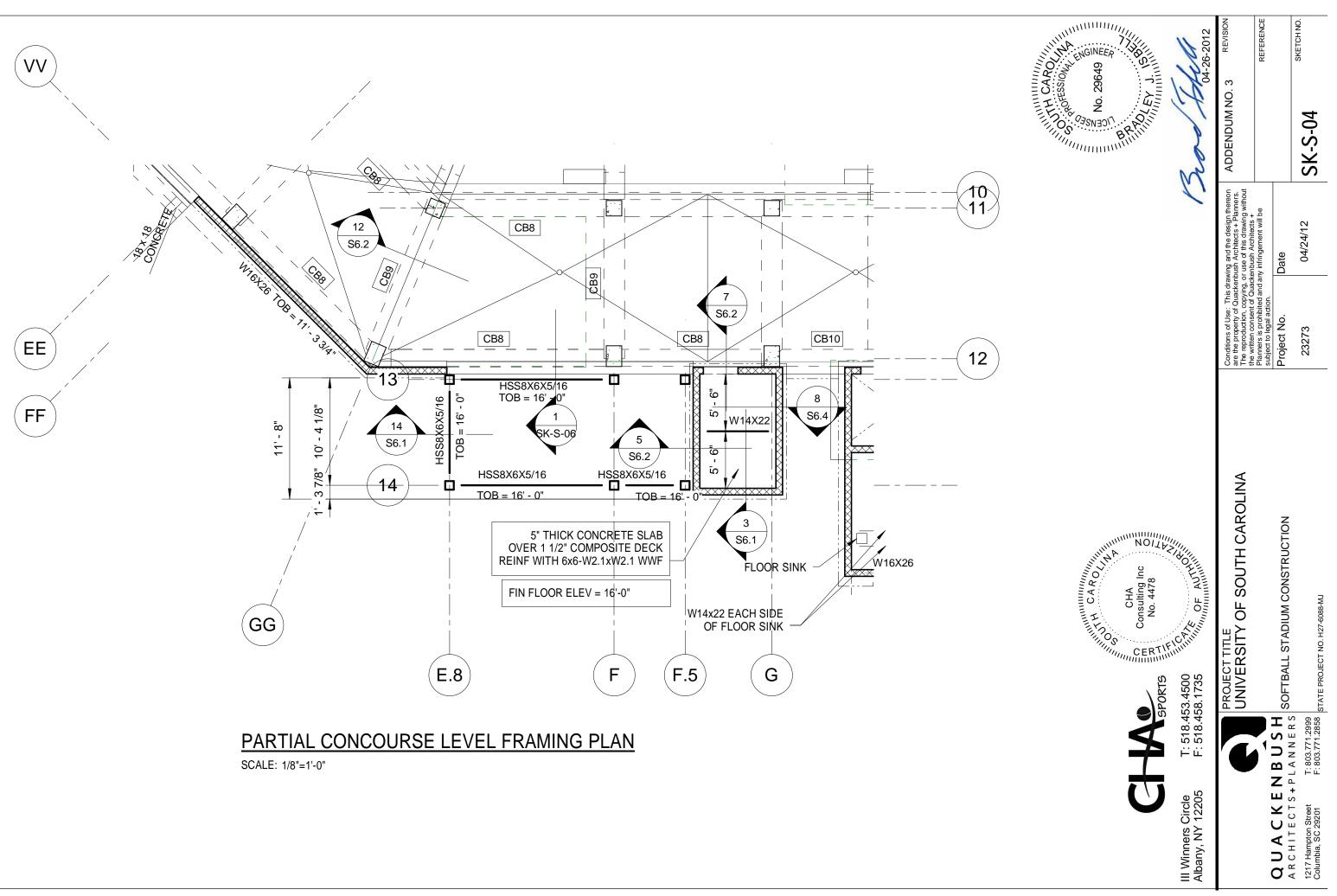


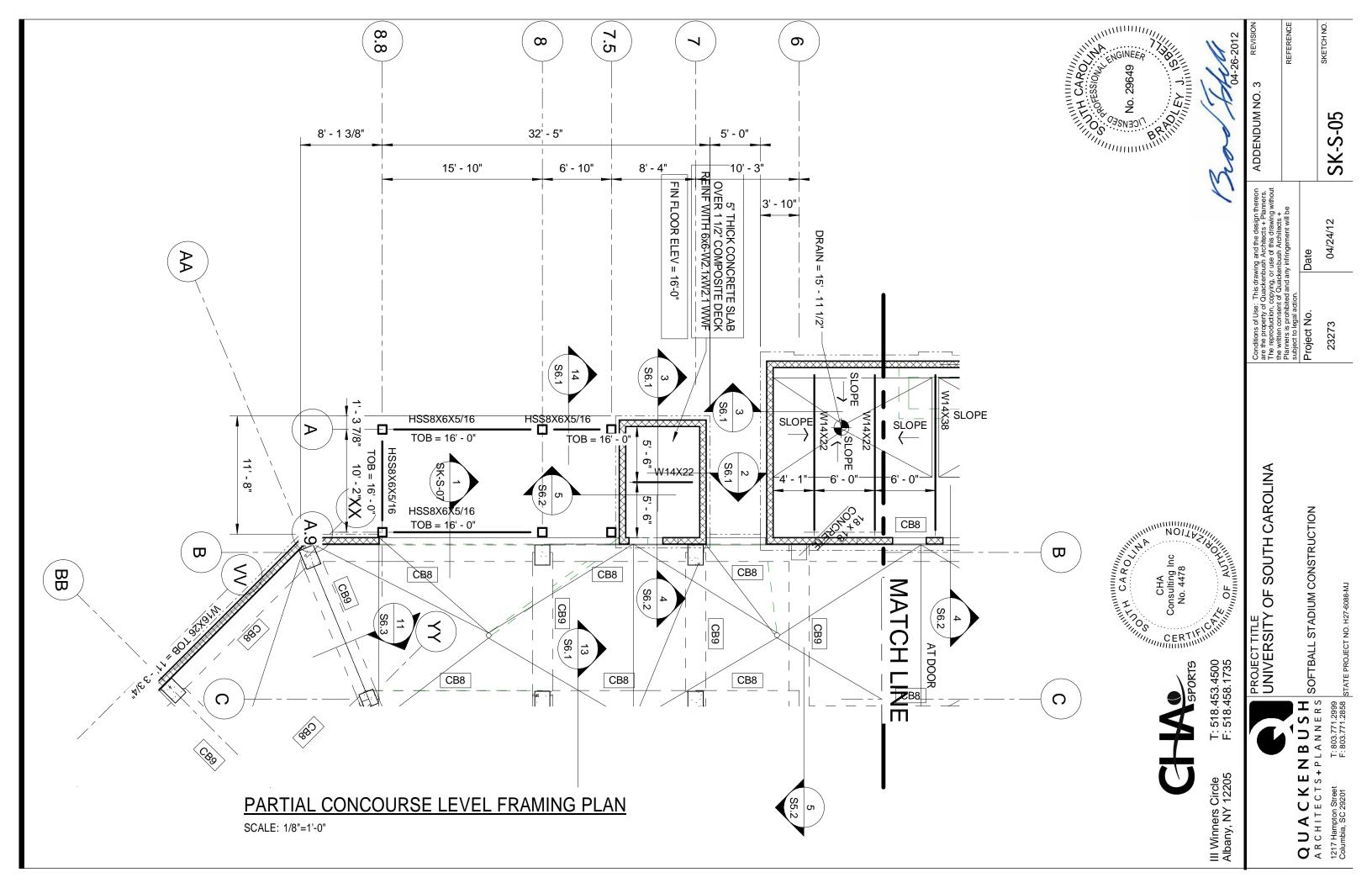


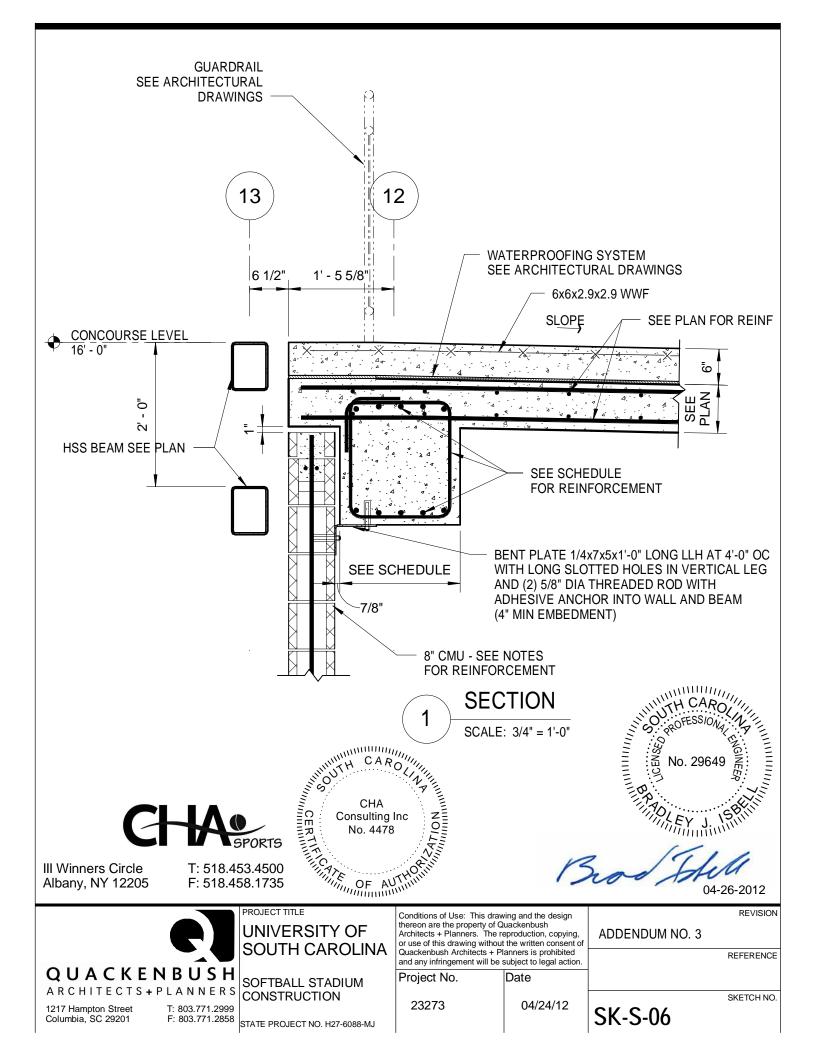
	REVISION	REFERENCE		SKETCH NO.
	ADDENDUM NO. 3	9/A6.9		SK-A-10
<b>\$</b> -	Conditions of Use: This drawing and the design thereon are the property of Quackenbush Architects + Planners. The reproduction, copying, or use of this drawing without the written consent of Quackenbush Architects +	any infringement will be	Date	04/26/12
	Conditions of Use: This dra are the property of Quacke The reproduction, copying, the written consent of Quac	Planners is prohibited and any infringement will be subject to legal action.	Project No.	11.122.00
	UNIVERSITY OF SOUTH CAROLINA		Q U A C K E N B U S H SOFTBALL STADIUM CONSTRUCTION	A K C H I I E C I S + F L A N N E K S 1217 Hampton Street T : 803.771.2999 Columbia, SC 29201 F : 803.771.2858 STATE PROJECT NO. H27-6088-MJ

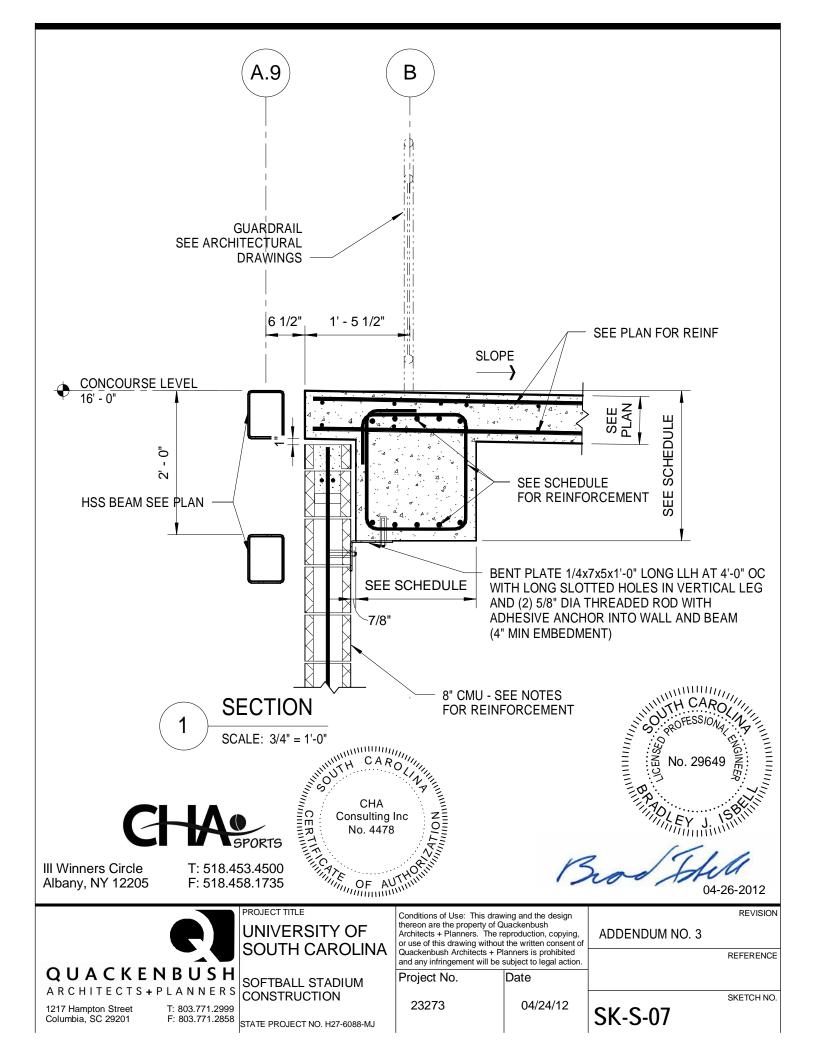


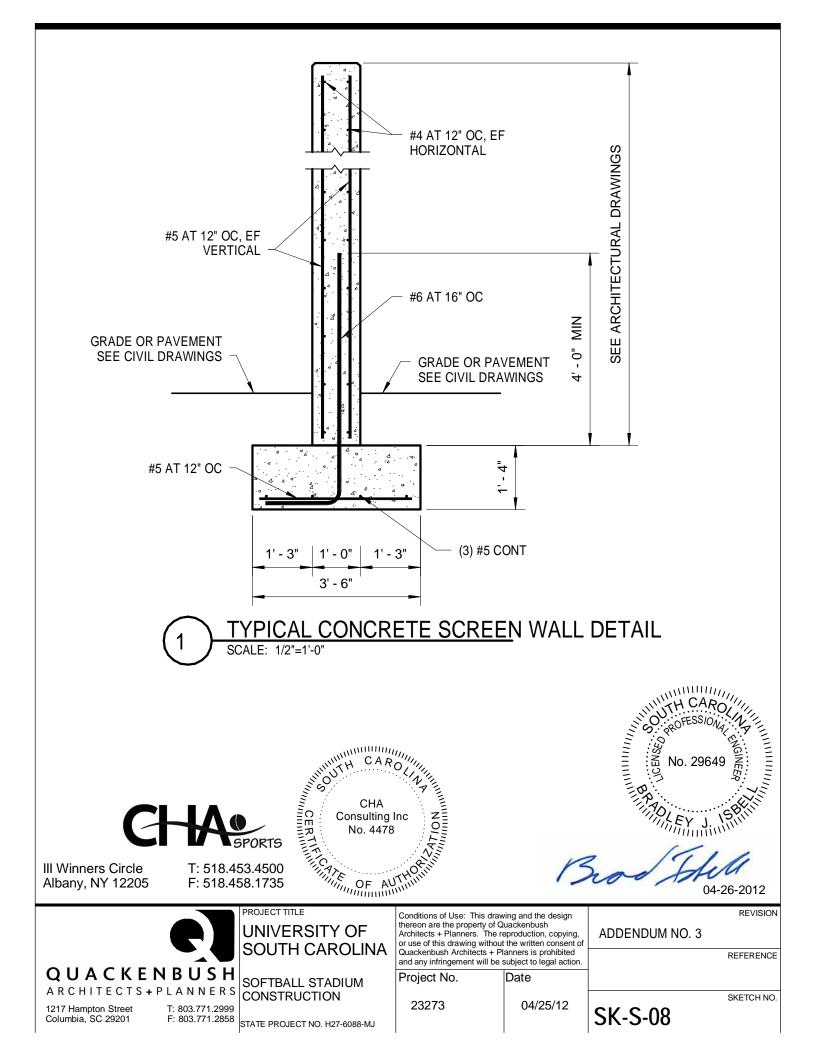












18 x 18 CONCRETE 8' - 10" 23' - 1 3/8" 15' - 4" 7 S6.2 S6.1 01 803 (BX ~° - CONCELE 18 x 18 CONCRETE 0 UB4 10 UB4 S6.1 1 10' - 5 3/8" 11 Ð Ø SK-S-1 8 UB2 UB1 9 S6.1 (CR) UB5 UB6 S6.1 Notette concerner the UB1 8' - 0 1/8" UB5 UB5 UB5 UB6  $\langle \mathcal{Q} \rangle$ 12 18+24 RET 13 HSS8X6X5/16 TOB = 30' - 0" 8 HSS8X6X5/16 TOB = 30' - 0" S6.4 W14X22 14 S6.1 5' - 1 1/2" HSS8X6X5/16 14 4 TOB = 30' - 0" TOB = 30' - 0"  $OM = 31^{\circ}$ ŔĎ 5" THICK CONCRETE SLAB OVER 1 1/2" COMPOSITE DECK REINF WITH #3 AT 12" OC EW 3 5 S6.1 S7.1 FIN FLOOR ELEV = 30'-0" \_\_\_\_\_ 6' - 10 1/8" 15' - 10" 6' - 10" 9' - 9" PARTIAL UPPER LEVEL FRAMING PLAN SCALE: 1/8"=1'-0" E.8 F.5 G F

