

January 27, 2012

Garvin Design Group  
1209 Lincoln St.  
Columbia, SC 29201

**ADDENDUM NO. 1**

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 Where any original item is amended, voided, or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

**General**

1. The following people were in attendance at the Mandatory Pre-Bid Conference held January 26, 2012 at 10:00 a.m. at the University of South Carolina, 743 Greene Street, Conference Room 53:

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H27-6089-MJ

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2. A site visit to the project site (the existing Floyd Building) is scheduled for Tuesday, January 31, 2012 at 2:00 p.m. All interested parties are invited to attend.

### **Specifications**

<b><u>Item No.</u></b>	<b><u>Description</u></b>
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1. Revision: Reference Section 07542, Thermoplastic Polyolefin (TPO) Roofing. At paragraph 1.9.B.1, revise "20 years" to read "2 years".
2. Revision: Reference Section 09960, High-Performance Coatings. At paragraph 2.3.A, delete this paragraph in its entirety and add the following: "2.3.A. Primer: Standard coat of shop primer. Color shall be gray. Primer shall be compatible with finish coats specified."; At paragraphs 3.6.A.1 and 3.6.A.1.a, delete these paragraphs in their entirety and add the following: "3.6.A.1. Pigmented Polyurethane over prime coat. 3.6.A.1.a. Prime Coat: Standard shop primer (color gray)."; At paragraphs 3.6.B.1 and 3.6.B.1.a, delete these paragraphs in their entirety and add the following: "3.6.B.1. Pigmented Polyurethane over prime coat. 3.6.B.1.a. Prime Coat: Standard shop primer (color gray)."; Delete paragraph 3.6.B.2 in its entirety.

### **Drawings**

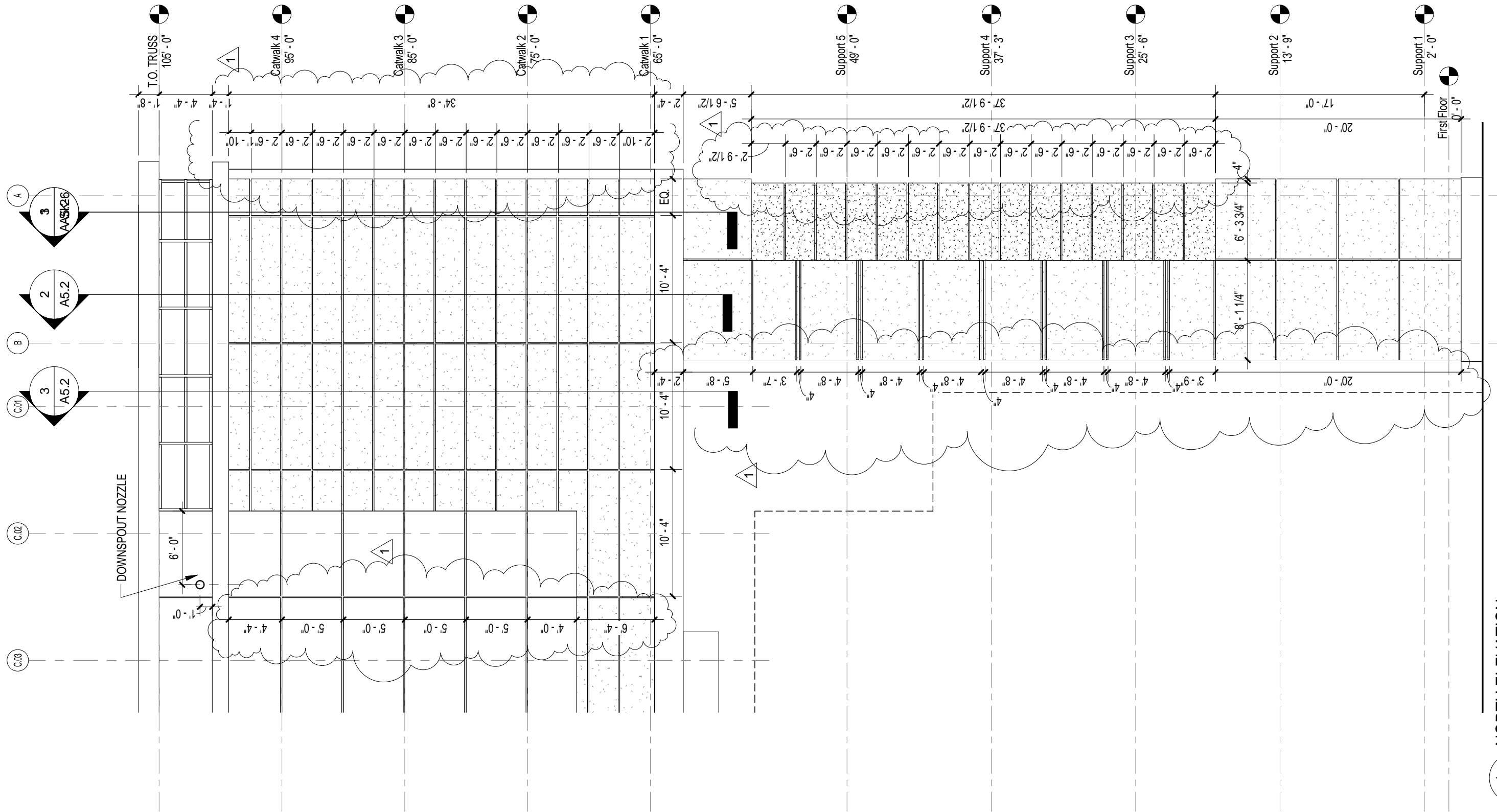
<b><u>Item No.</u></b>	<b><u>Description</u></b>
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1. Revision: Reference Drawing AS1.1. See attached Sketch A-SK-5 for revised note on removal and placement of existing video board and scoreboard/ad panels.
2. Revision: Reference Drawing A1.2. Under General Plumbing Notes – Roof Plan, add the following notes: "5. Hangers for horizontal piping shall be B3100 Standard Clevis Hangers by Cooper Industries or approved equivalent. 6. Clamps for vertical piping shall be B3373 Standard Riser Clamps by Cooper Industries or approved equivalent. Provide clamps with threaded rods attached back to steel clip angles mounted at steel structure to support piping at 10'-0" maximum vertical spacing. 7. Provide Link Seal at pipe sleeve at concrete foundation. 8. Provide carbon steel A53 pipe sleeve through concrete foundation."
3. Revision: Reference Drawings A3.1, A5.1, A5.2, A5.3, and A6.1. See attached Sketch A-SK-6 for revised notes regarding steel framing.
4. Revision: Reference Drawing A4.1. See attached Sketches A-SK-1 and A-SK-2 for revisions to composite panel joint spacing.
5. Revision: Reference Drawing A4.2. See attached Sketches A-SK-3 and A-SK-4 for revisions to composite panel joint spacing.

6. Revision: Reference Drawing A6.1. See attached Sketch A-SK-7 for revisions to composite panel joint spacing.
7. Revision: Reference Drawing S1.1. See attached Sketches S-SK-1, S-SK-2, and S-SK-3 for revisions to structural details.
8. Revision: Reference Drawings S2.0, S2.1, S2.2, S2.3, S2.4, S3.1, and S3.2. See attached Sketch S-SK-4 for revisions to structural notes.

END OF ADDENDUM NO. 1

Attachments: Sketches A-SK-1, A-SK-2, A-SK-3, A-SK-4, A-SK-5, A-SK-6, A-SK-7, S-SK-1, S-SK-2, S-SK-3, S-SK-4.



1 NORTH ELEVATION  
1/8" = 1'-0"

REFERENCED ON: A1.1

1 A-SK-1

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PROJECT TITLE

**WILLIAMS-BRICE STADIUM VIDEO BOARD SUPPORT**  
**CONSTRUCTION**  
UNIVERSITY OF SOUTH CAROLINA  
COLUMBIA, SC  
STATE PROJECT NO. H27-6089-MJ

REVISION:

1

ISSUED VIA:

ADDENDUM NO.1

ARCH PROJECT NO:

U291.11

REFERENCE:

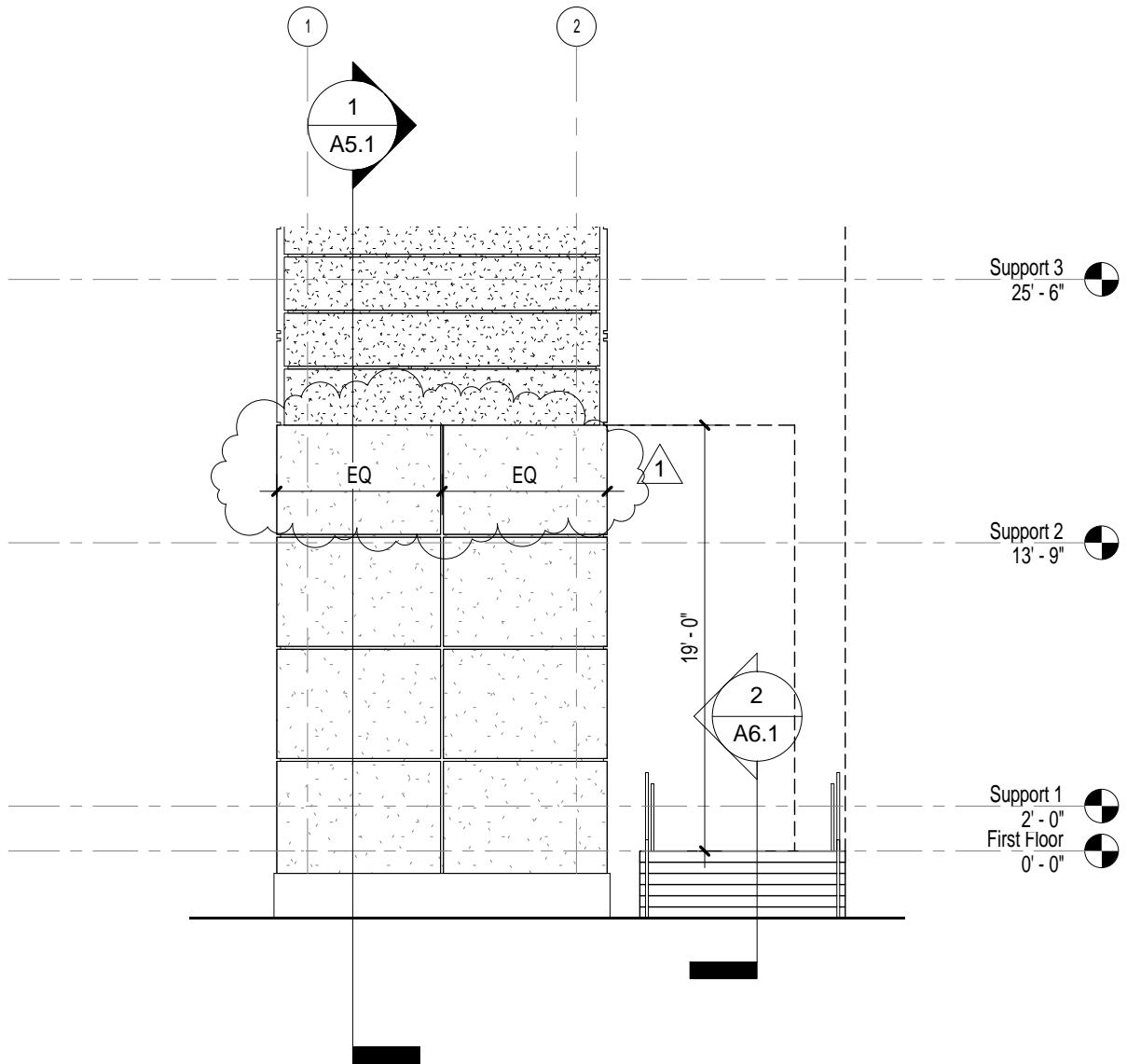
DRAWINGS A4.1

DATE:

1.27.12

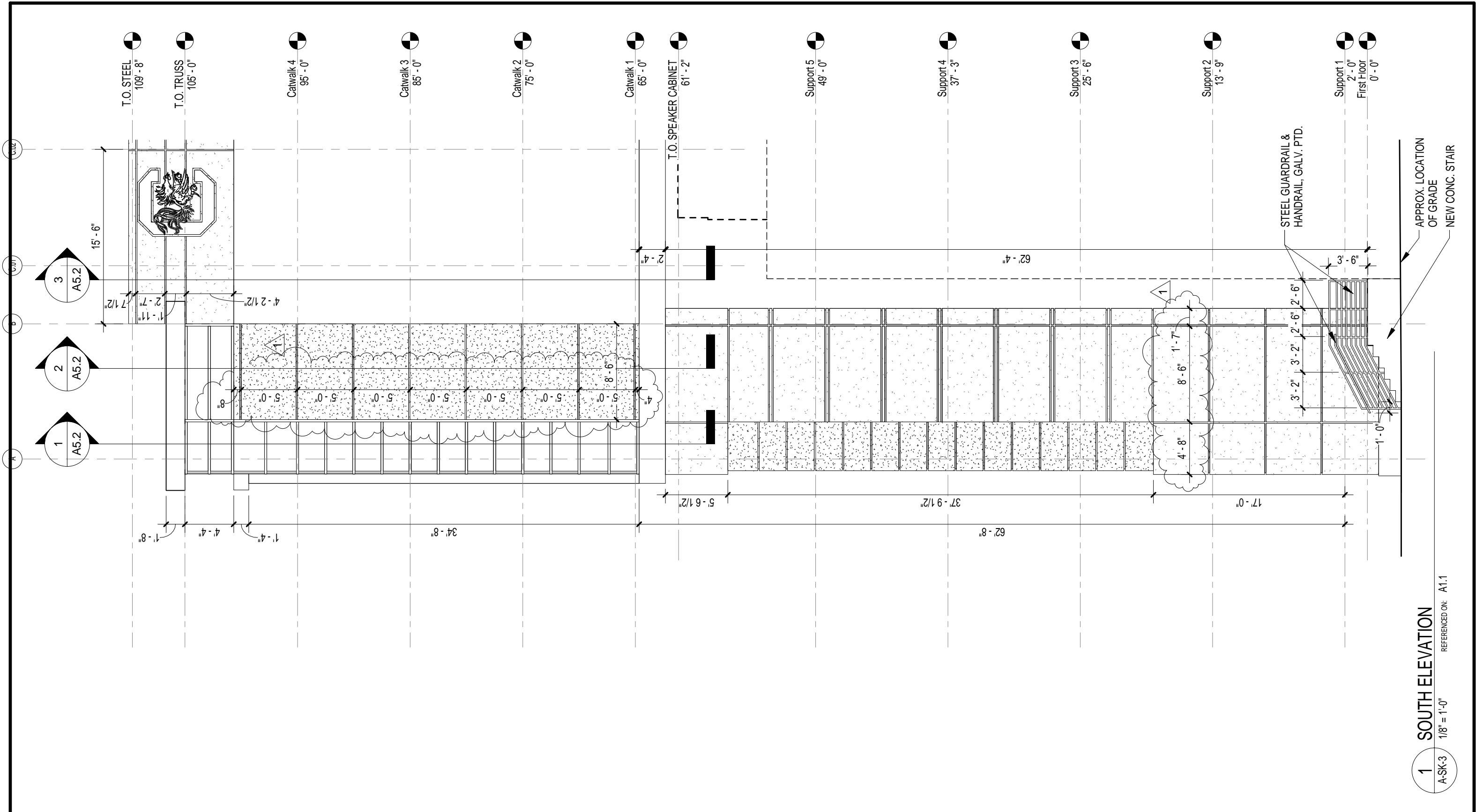
SKETCH NO:

A-SK-1



1
**WEST ELEVATION**  
 A-SK-2    1/8" = 1'-0"    REFERENCED ON: A1.1

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1 SOUTH ELEVATION  
 1/8" = 1'-0"  
 A-SK-3 REFERENCED ON: A1.1

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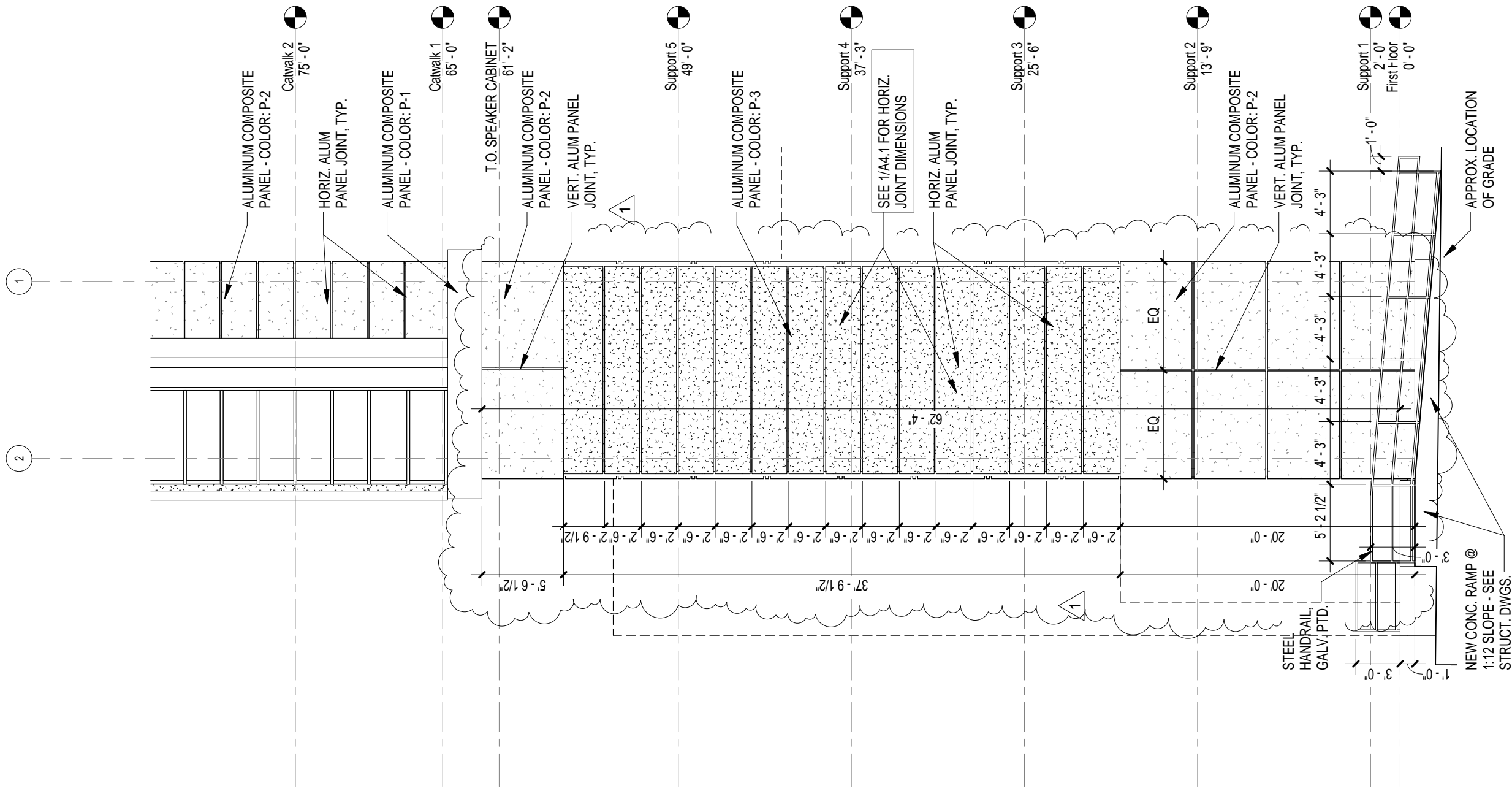
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ARCH PROJECT NO: U291.11	REFERENCE: A4.2
DATE: 1.27.12	SKETCH NO: A-SK-3





1 EAST ELEVATION  
1/8" = 1'-0"

REFERENCED ON: A1.1

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COLUMBIA, SC  
STATE PROJECT NO. H27-6089-MJ

REVISION:

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ARCH PROJECT NO:

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DATE:

1.27.12

ISSUED VIA:

ADDENDUM NO.1

REFERENCE:

A4.2

SKETCH NO:

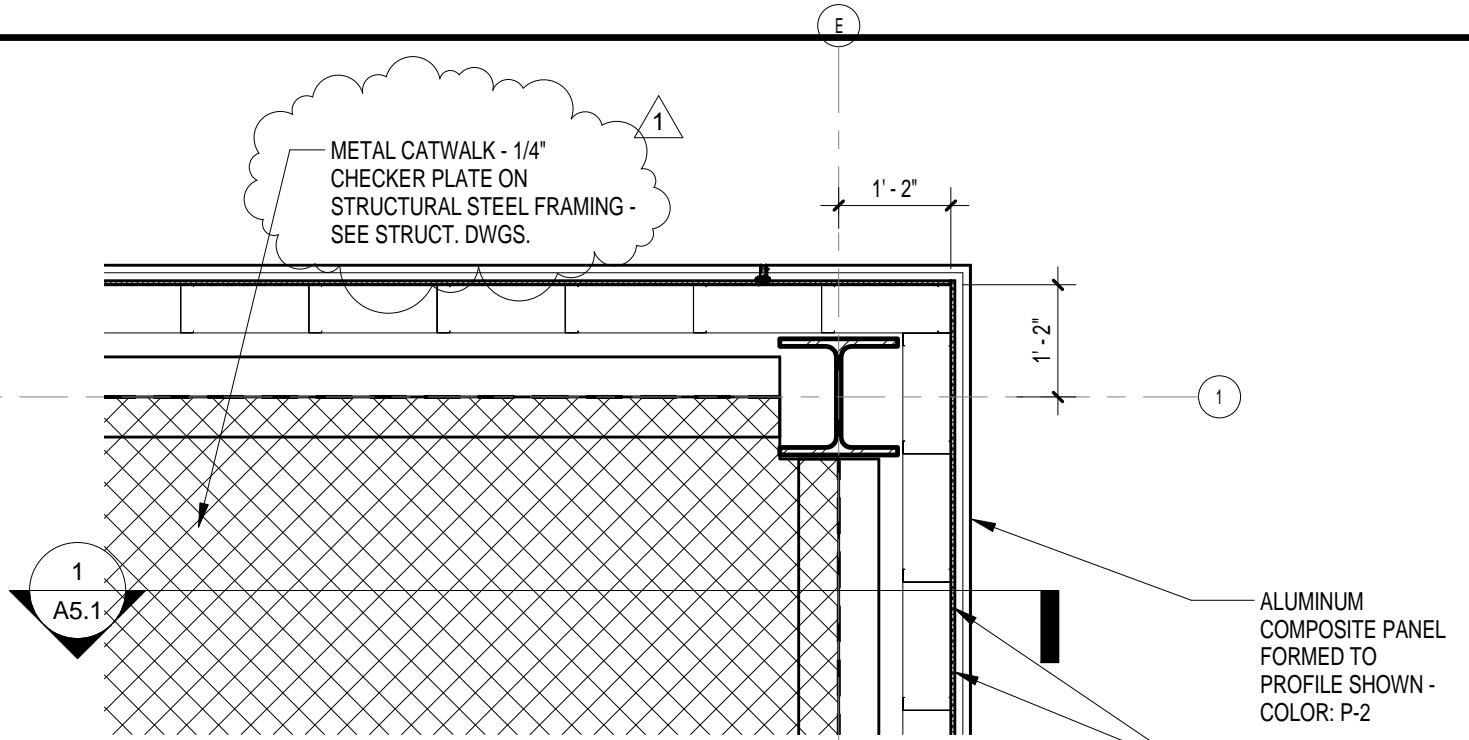
A-SK-4



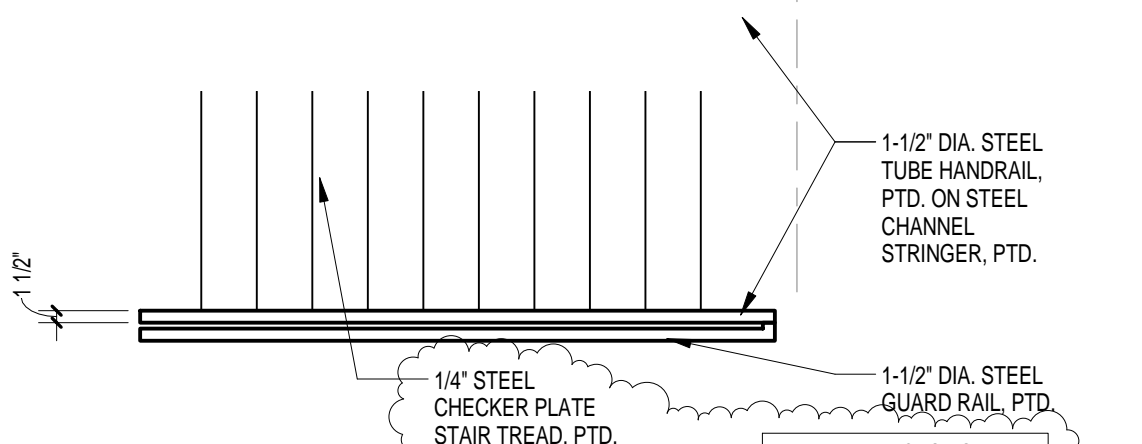
CONTRACTOR TO REMOVE EXISTING SCOREBOARD - NOTE: THE 20'X29' VIDEO BOARD PIECE MUST REMAIN INTACT AND PLACED CAREFULLY ON THE GROUND IN APPROX. THIS LOCATION - COORDINATE EXACT LOCATION WITH OWNER PRIOR TO REMOVAL - THE REMAINING PIECES OF THE BOARD (STATIC SCORING SECTION AND AD PANELS) CAN BE CUT AND REMOVED AS NEEDED AND CONTRACTOR IS TO DISPOSE OF AS SCRAP

**1** ARCHITECTURAL SITE PLAN  
 A-SK-5 1" = 20'-0" REFERENCED ON:

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	ARCH PROJECT NO: <b>U291.11</b>	REFERENCE: <b>AS1.1</b>	
	DATE: 1.27.12	SKETCH NO: <b>A-SK-5</b>	



**1 ENLARGED PLAN**  
 A-SK-6 1/2" = 1'-0" REFERENCED ON: A1.1



**2 ENLARGED PLAN @ SHIPS LADDER**  
 A-SK-6 1/2" = 1'-0" REFERENCED ON: A1.1

ALL REFERENCES TO "GRATING" SHOULD READ "STEEL PLATE" - SEE STRUCT. DWGS. FOR THICKNESS AND TYPE

ALL REFERENCES TO "CATWALK FRAMING AND GRATING" SHOULD READ "CATWALK FRAMING AND STEEL PLATE" - SEE STRUCT. DWGS. FOR THICKNESS AND TYPE

**3 SECTION**  
 A-SK-6 1/4" = 1'-0" REFERENCED ON: A1.1

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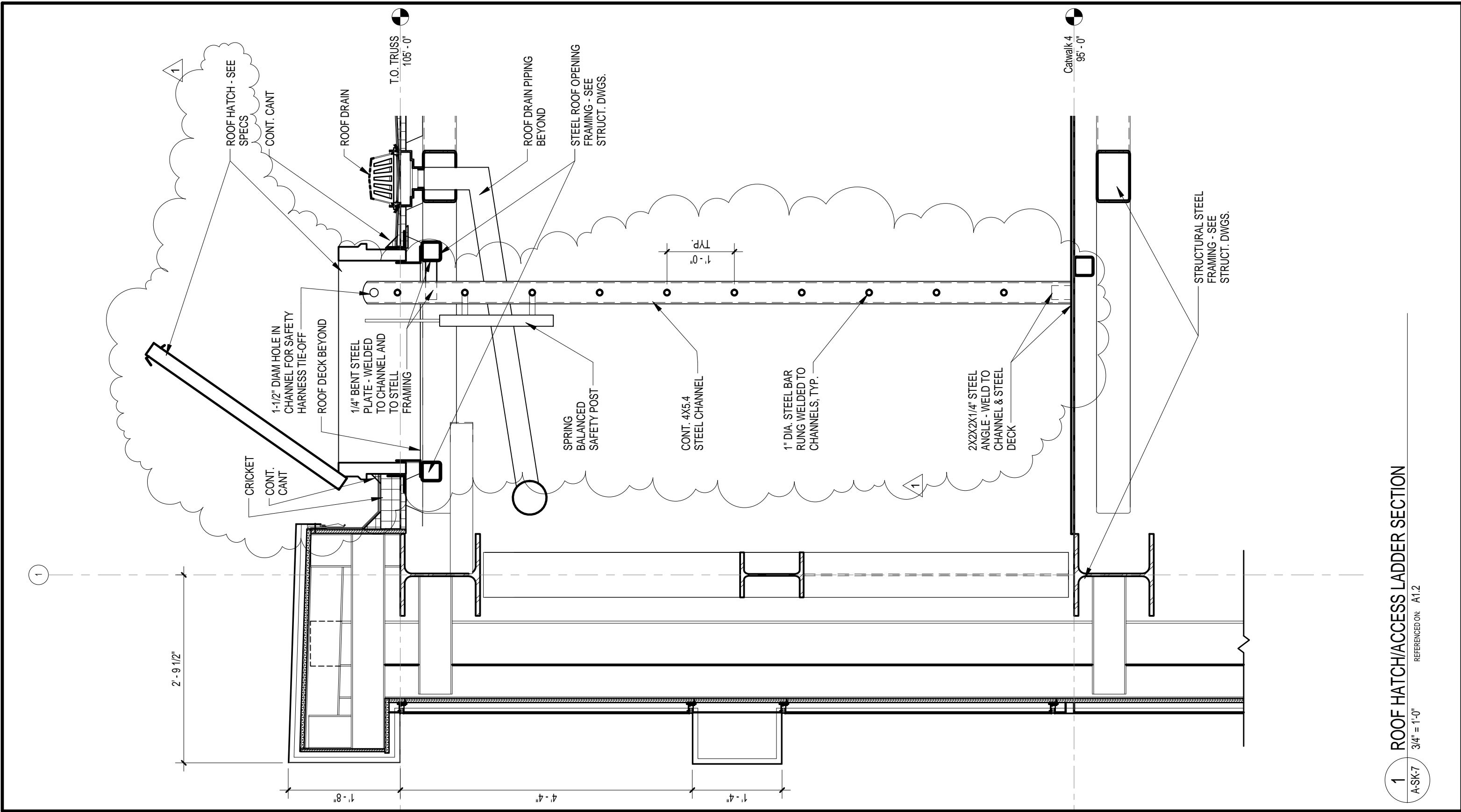
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 1.27.12

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 A3.1, A5.1-A5.3, A6.1

SKETCH NO:  
**A-SK-6**



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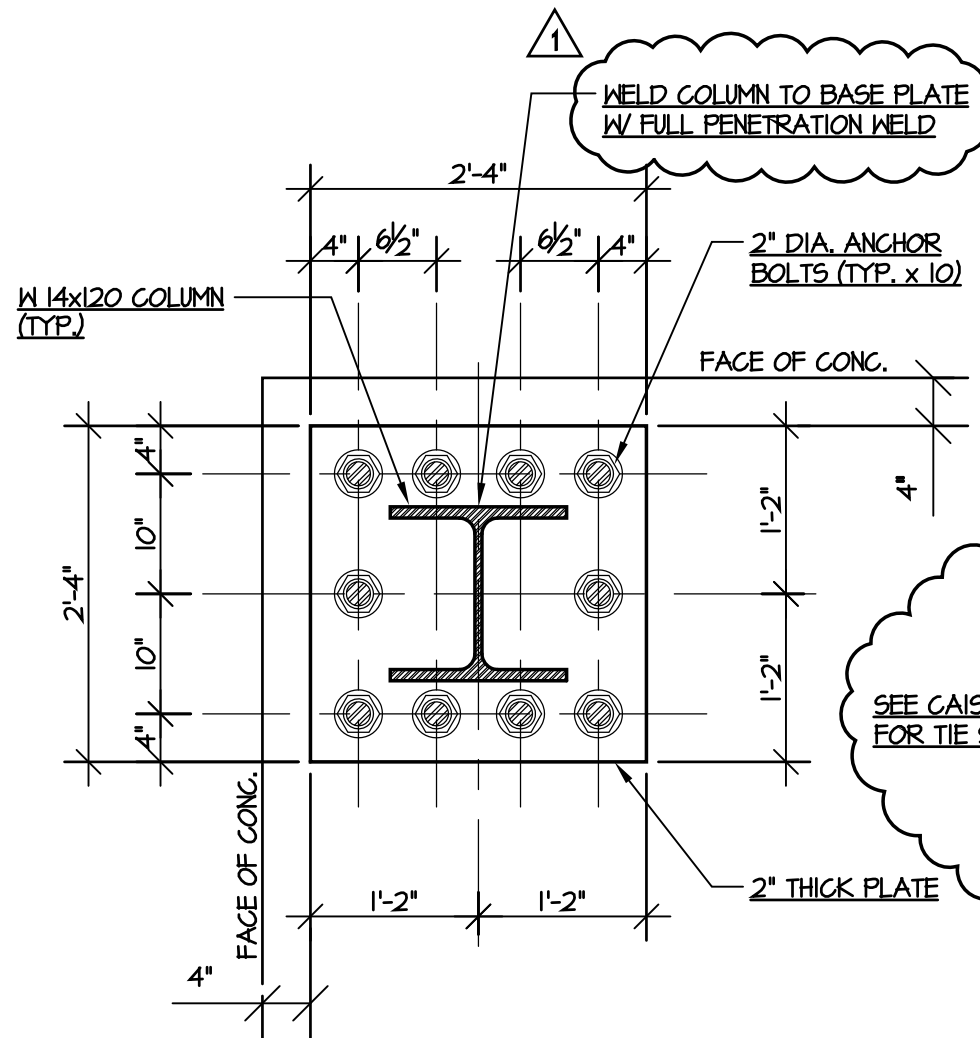
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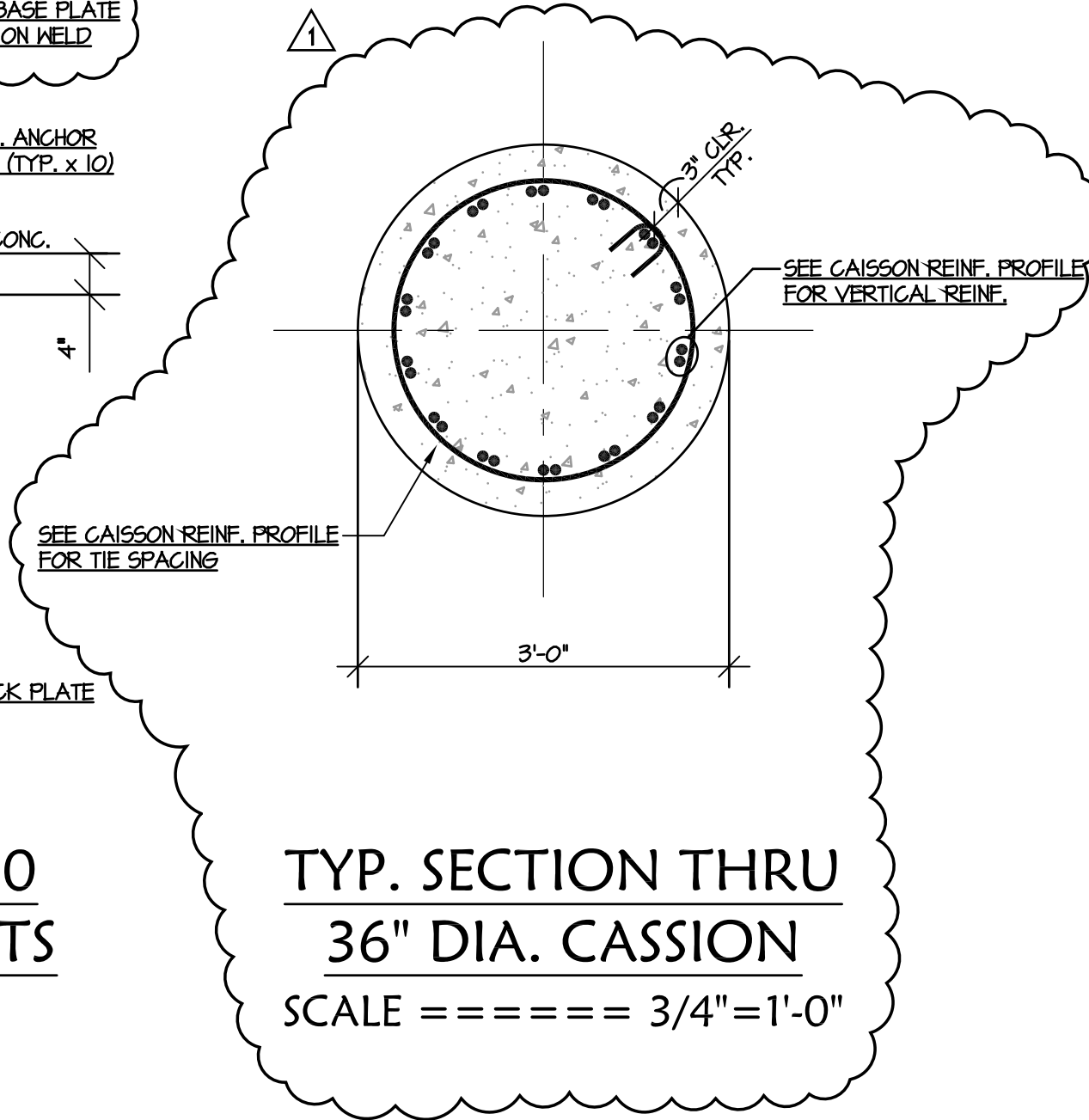
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 DATE: **1.27.12**

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 REFERENCE: **A6.1**  
 SKETCH NO: **A-SK-7**

**1 ROOF HATCH/ACCESS LADDER SECTION**  
 3/4" = 1'-0"  
 REFERENCED ON: A1.2

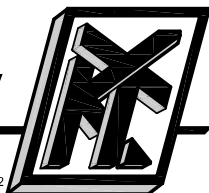


**BASE PLATE @ W 14x120  
VIDEO BOARD SUPPORTS**  
SCALE ===== 3/4"=1'-0"



**TYP. SECTION THRU  
36" DIA. CASSION**  
SCALE ===== 3/4"=1'-0"

**KYZER &  
TIMMERMAN**  
STRUCTURAL ENGINEERS



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Structural Engineers

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UNIVERSITY OF SOUTH CAROLINA  
COLUMBIA, SC  
STATE PROJECT NO. H27-6089-MJ

REVISION:

1

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KT PROJECT NO:

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REFERENCE:

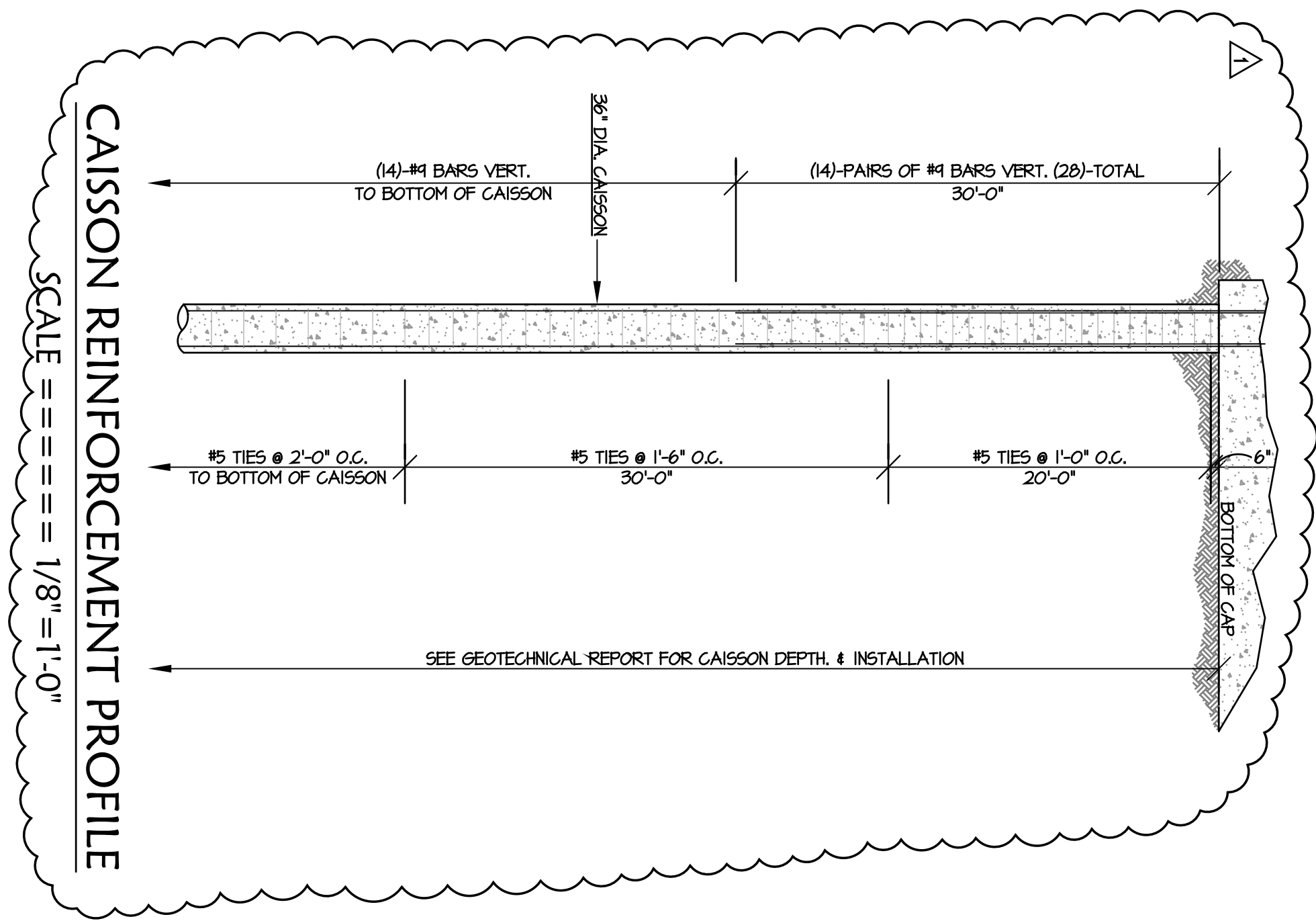
S1.1

DATE:

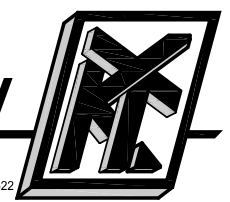
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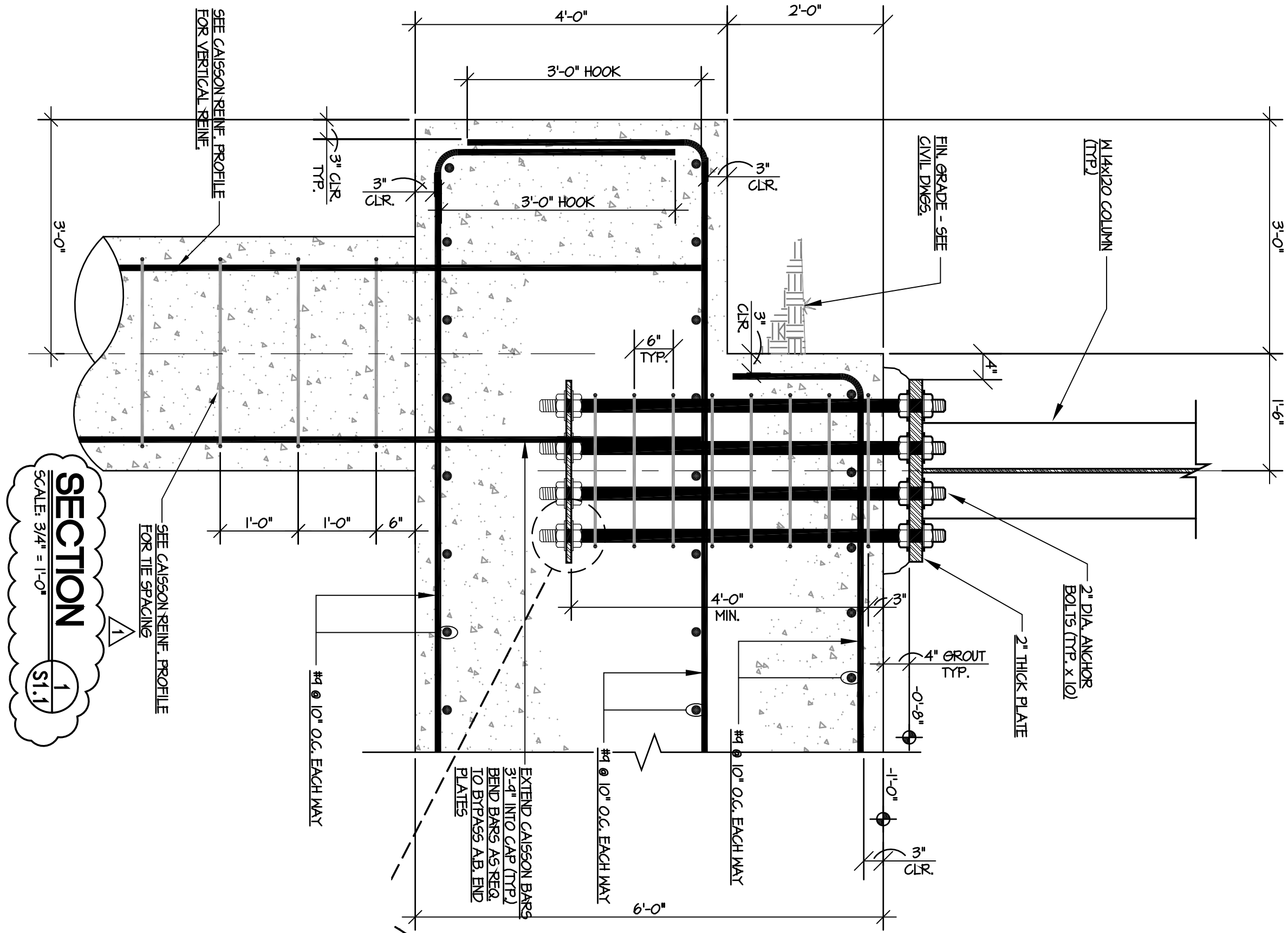
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**WILLIAMS-BRICE STADIUM VIDEO BOARD SUPPORT CONSTRUCTION**  
 UNIVERSITY OF SOUTH CAROLINA  
 COLUMBIA, SC  
 STATE PROJECT NO. H27-6089-MJ

REVISION: 1	ISSUED VIA: ADDENDUM NO.1
KT PROJECT NO: 11-136	REFERENCE: S1.1
DATE: 1.27.12	SKETCH NO: <b>S-SK-2</b>



**KYZER & TIMMERMAN**  
**STRUCTURAL ENGINEERS**



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**S-SK-3**



**STRUCTURAL AND MISCELLANEOUS STEEL**

3. THE CONTRACTOR SHALL SUBMIT DETAILED STRUCTURAL STEEL SHOP DRAWINGS TO INCLUDE (BUT NOT LIMITED TO) COLUMNS, BEAMS, DECKING, STAIRS, STAIR LANDINGS AND ALL CONNECTIONS. IN NO CIRCUMSTANCES SHALL THE STRUCTURAL DRAWINGS BE REPRODUCED FOR SHOP DRAWINGS (SECTION SHEETS, ERECTION PLANS, ETC.). THE CONTRACTOR SHALL SUBMIT AN AMPLI NUMBER OF SETS OF SHOP DRAWINGS TO ALLOW FOR EACH DESIGN PROFESSIONAL TO RETAIN A SET FOR HIS/HER FILES. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE CONTRACTOR FOR (BUT NOT LIMITED TO) DIMENSIONS, ELEVATIONS, AND ERECTION PROCEDURES PRIOR TO ARCHITECT & STRUCTURAL ENGINEER'S REVIEW. THE CONTRACTOR IS ADVISED TO PROVIDE THE REQUIRED SHOP DRAWINGS AS SOON AS REASONABLY POSSIBLE TO ALLOW FOR ADEQUATE TIME FOR FABRICATION, SHIPPING ETC. THE MEMBERS OF THE DESIGN TEAM SHALL RECEIVE A FINAL SET OF SHOP DRAWINGS STAMPED (FINAL SHOP DRAWINGS - FILE SET) WHICH INCORPORATES ANY COMMENTS MADE DURING THE SHOP DRAWING PROCESS AND SHALL BE STAMPED BY A REGISTERED ENGINEER REGISTERED IN THE PROJECT STATE. THE REGISTERED ENGINEER SHALL CERTIFY THE DESIGN OF ALL STEEL CONNECTIONS AND SPLICES, AS WELL AS THE ERECTION PROCEDURES.

14. ALL STEEL SHALL BE SHOP PRIMED EXCEPT AS NOTED BELOW. PRIMER SHALL BE ONE STANDARD COAT OF SHOP PRIMER. COLOR SHALL BE GRAY. PRIMER SHALL ALSO BE COMPATIBLE WITH FINISH COAT(S) AS REQUIRED BY THE ARCHITECT.

**REFERENCE: S3.1**

**6"x4" STEEL TUBE NOTE:**  
 ADDITIONAL STEEL TUBES FOR VIDEO BOARD ATTACHMENT ARE NOT SHOWN ON THIS PLAN FOR CLARITY. THE CONTRACTOR SHALL COORDINATE W/ VIDEO BOARD SUPPLIER FOR LOCATION & SPACING OF HORIZONTAL TUBES.

**REFERENCE: S2.0, S2.1, S2.2, S2.3, S2.4**

**CAST-IN-PLACE REINFORCEMENT LAP SPLICES**

**DEFINITIONS OF CATEGORIES**

STRUCTURAL ELEMENT	CONCRETE COVER	CATEGORY, ACCORDING TO CENTER-TO-CENTER BAR SPACING			
		≤3d <sub>b</sub>	>3d <sub>b</sub> , <4d <sub>b</sub>	≥4d <sub>b</sub> , <6d <sub>b</sub>	≥6d <sub>b</sub>
BEAMS, COLUMNS, SHEARWALLS AND SLABS	≤d <sub>b</sub>	1	1	1	2
	>d <sub>b</sub>	1	3	5	6
ALL OTHER	≤d <sub>b</sub>	1	1	1	2
	>d <sub>b</sub> , <2d <sub>b</sub>	1	3	3	4
	≥2d <sub>b</sub>	1	3	3	6

WHERE d<sub>b</sub> = NOMINAL DIAMETER OF BAR

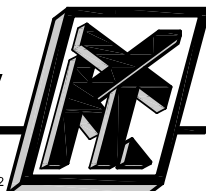
BAR SIZE	4000 psi						5000 psi						6000 psi					
	CATEGORY						CATEGORY						CATEGORY					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
# 3	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
# 4	20	19	19	19	19	19	18	17	17	17	17	17	16	16	16	16	16	16
# 5	31	25	23	23	23	23	28	22	21	21	21	21	25	20	19	19	19	19
# 6	44	35	31	28	28	28	39	31	27	25	25	25	36	29	25	23	23	23
# 7	59	48	42	33	33	33	53	43	37	30	29	29	49	39	34	27	27	27
# 8	78	63	55	44	39	37	70	56	49	39	35	33	64	51	45	36	32	31
# 9	99	79	69	56	50	42	89	71	62	50	44	38	81	65	57	45	41	34
# 10	126	101	88	70	63	50	112	90	79	63	56	45	103	82	72	58	51	41
# 11	154	123	108	86	77	62	138	110	97	77	69	55	126	101	88	71	63	51

#14 MECHANICAL COUPLER REQUIRED  
 #18 MECHANICAL COUPLER REQUIRED

CONTRACTOR MAY SUBSTITUTE MECHANICAL COUPLERS FOR LAP SPLICES IF REQUIRED FOR MEANS AND METHODS, OR WHERE MINIMUM ACI BAR SPACING REQUIREMENTS ARE EXCEEDED USING LAP SPLICES. WHERE MECHANICAL COUPLERS ARE USED, PROVIDE MECHANICAL COUPLERS ARE CAPABLE OF DEVELOPING 125% OF THE YIELD STRENGTH OF THE BAR. ALL MECHANICAL COUPLERS SHALL BE ICBO APPROVED.

**REFERENCE: S3.2**

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