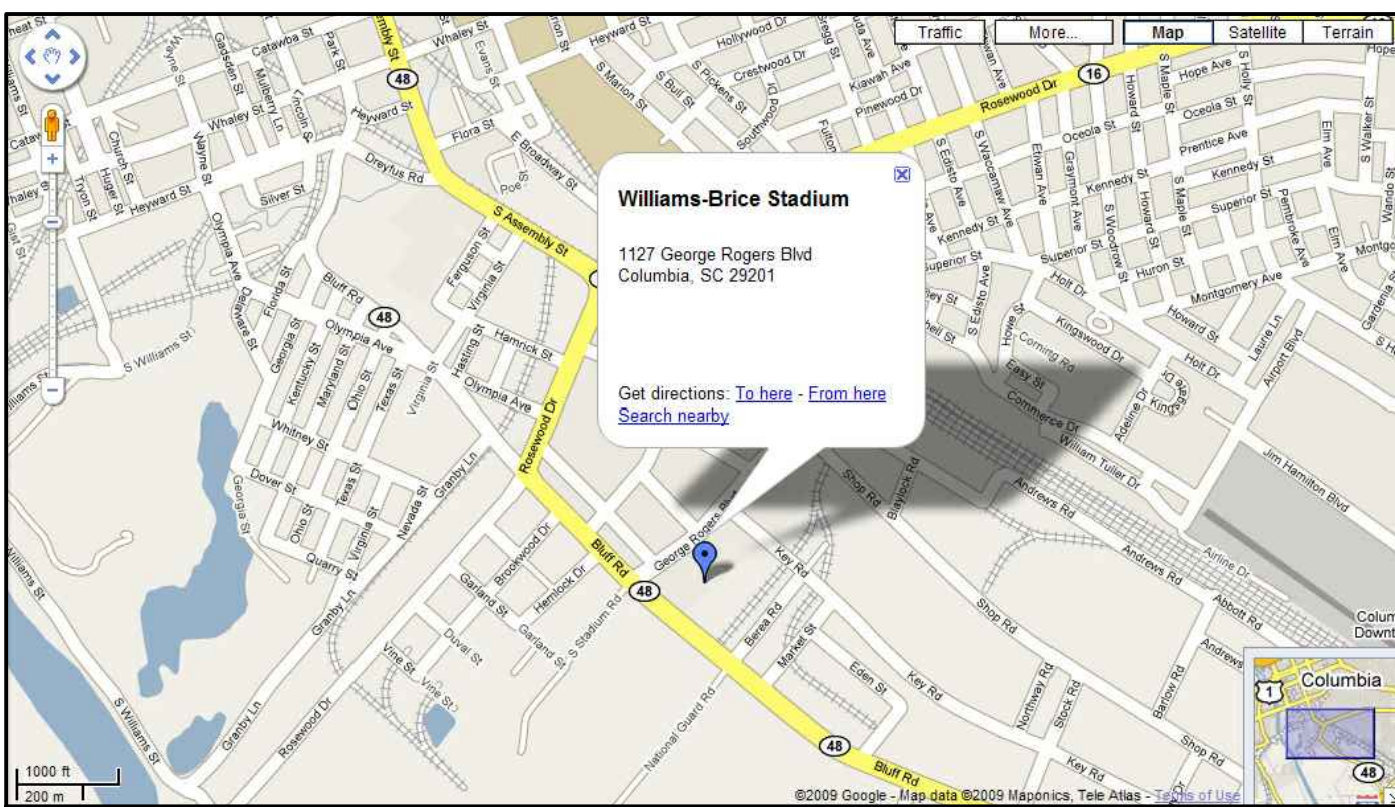


WILLIAMS BRICE STADIUM

Waterproofing III (South Upper Deck)

H27-Z084

University of South Carolina



VICINITY PLAN
NOT TO SCALE

ABBREVIATIONS	PROJECT CONTACTS	INDEX OF DRAWINGS
<div><div><div>A.C.T.</div><div>ALUM.</div><div>BD</div><div>BLKG</div><div>C.J.</div><div>C.T.</div><div>CMU</div><div>CONC.</div><div>CONT.</div><div>CPT</div><div>CR</div><div>DTL</div><div>E.J.</div><div>ELEC.</div><div>EQ</div><div>EXIST/EXG</div><div>EXP</div><div>FE</div><div>FEC</div><div>FF</div><div>FLR</div><div>FTG</div><div>GALV</div><div>GC</div><div>GR</div><div>GWB</div><div>HM</div><div>HORIZ</div><div>HR</div><div>I.D.</div><div>INSUL</div></div><div><div>ACOUSTICAL CEILING TILE</div><div>ALUMINUM</div><div>BOARD</div><div>BLOCKING</div><div>CONTROL JOINT</div><div>CERAMIC TILE</div><div>CONCRETE MASONRY UNIT</div><div>CONCRETE</div><div>CONTINUOUS</div><div>CARPET</div><div>CLASSROOM</div><div>DETAIL</div><div>EXPANSION JOINT</div><div>ELECTRICAL</div><div>EQUAL</div><div>EXISTING</div><div>EXPANSION</div><div>FIRE EXTINGUISHER</div><div>FIRE EXTINGUISHER CABINET</div><div>FINISH FLOOR</div><div>FLOOR</div><div>FOOTING</div><div>GALVANIZED</div><div>GENERAL CONTRACTOR</div><div>GUARDRAIL</div><div>GYPSTUM WALL BOARD</div><div>HOLLOW METAL</div><div>HORIZONTAL</div><div>HANDRAIL</div><div>INSIDE DIAMETER</div><div>INSULATION</div></div></div> <div><div>NOTE: FOR ABBREVIATIONS NOT NOTED ABOVE CONTACT ARCHITECT.</div></div>	<div><div>JOB SITE</div><div></div></div> <div><div>CONTRACTOR'S OFFICE</div><div></div></div> <div><div>OWNER</div><div>University of South Carolina</div></div> <div><div>ARCHITECT</div><div>Jumper Carter Sease Architects, P.A.</div><div>803-791-1020</div></div>	<div><div>T101 TITLE, INDEX & ABBREVIATIONS</div><div>A201 PLAN VIEW - SOUTH UPPER DECK</div><div>A202 PLAN VIEW - SOUTH UPPER CONCOURSE</div><div>A203 PROJECT PHOTOGRAPHS</div></div> <div><div>ALTERNATES</div><div>ADD ALTERNATE #1: COMPLETE WATERPROOFING OF SOUTH UPPER DECK CONCOURSE AS INDICATED ON SHEET A202 HERE IN.</div></div>

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UNIVERSITY OF SOUTH CAROLINA

COLUMBIA, SOUTH CAROLINA

REVISIONS:

DRAWN BY:

SL

CHECKED BY:

KM

COMM NO:

15100

DATE:

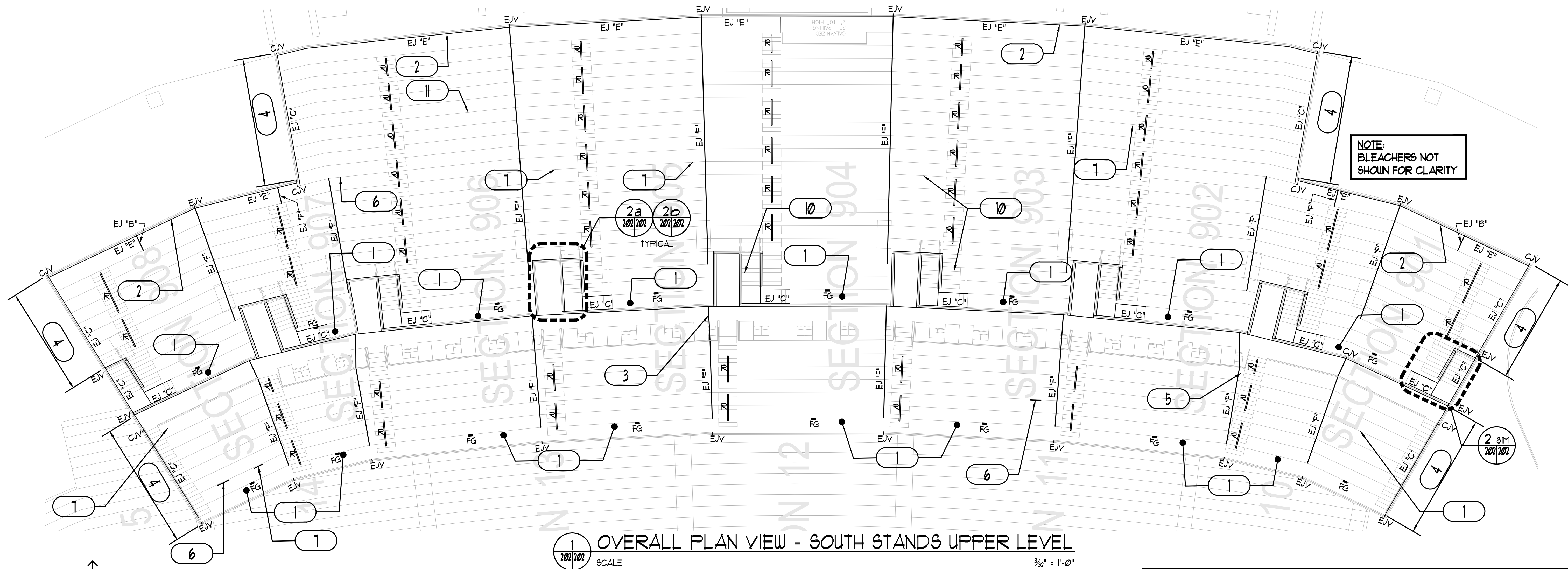
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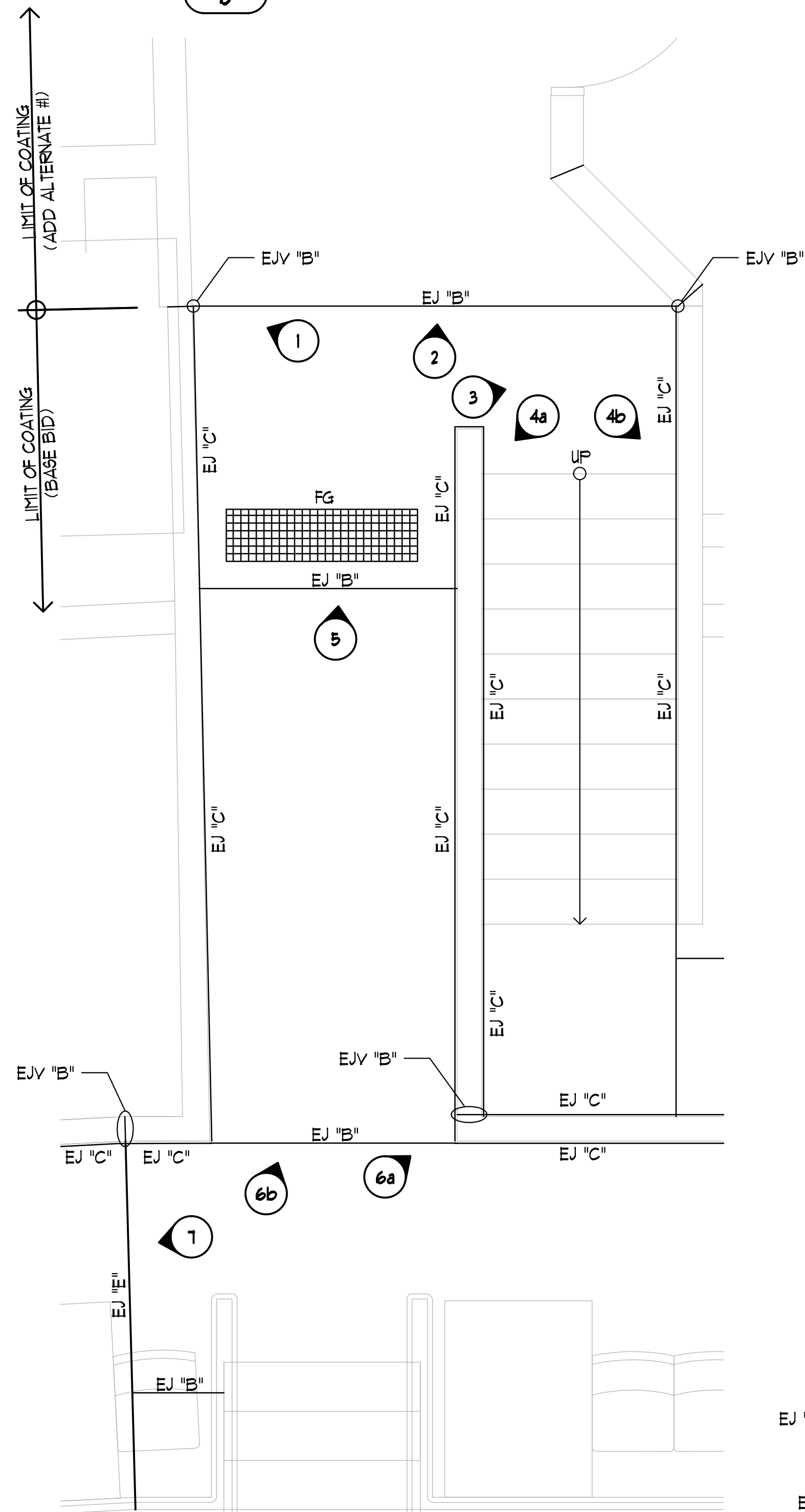
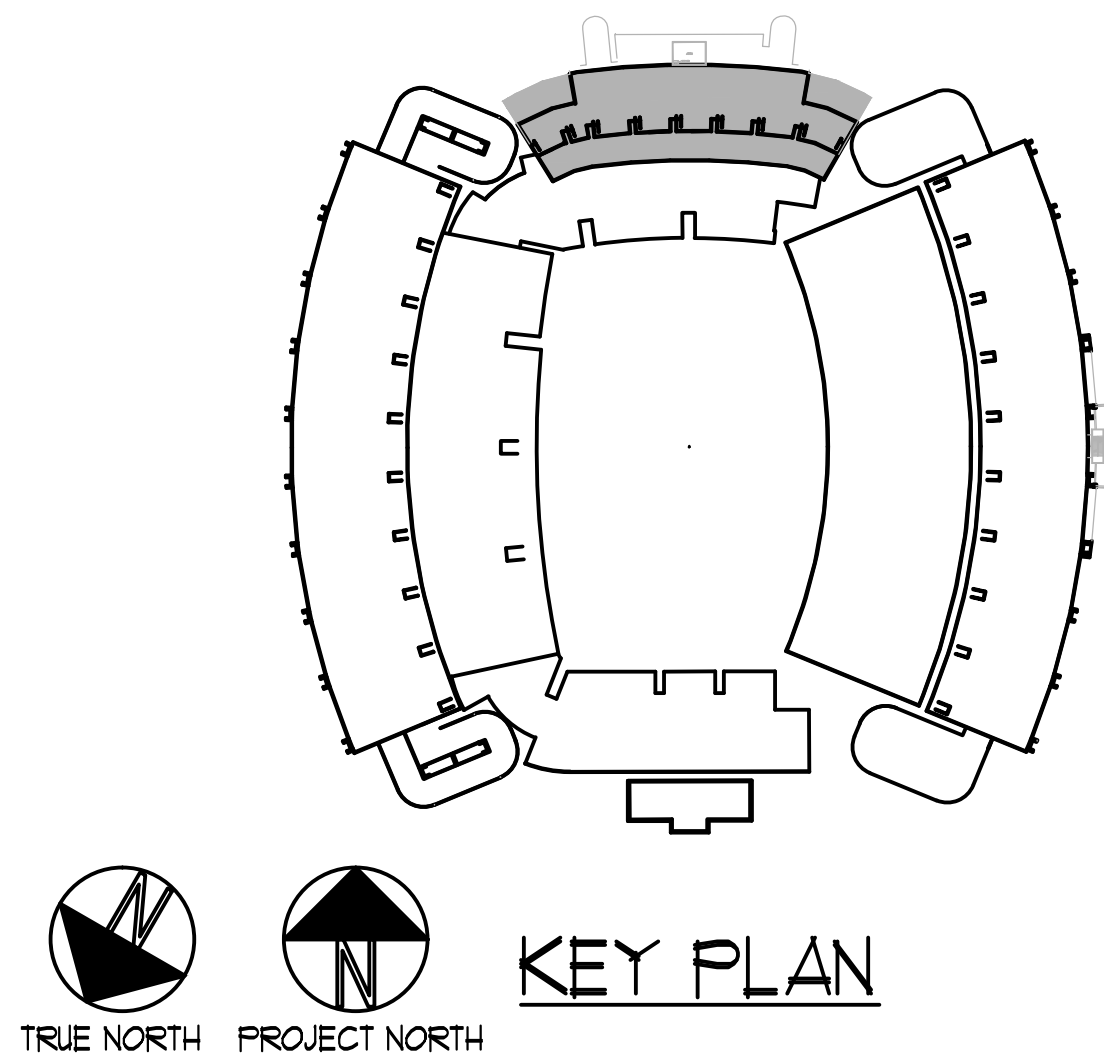
TITLE, INDEX & ABBREVIATIONS

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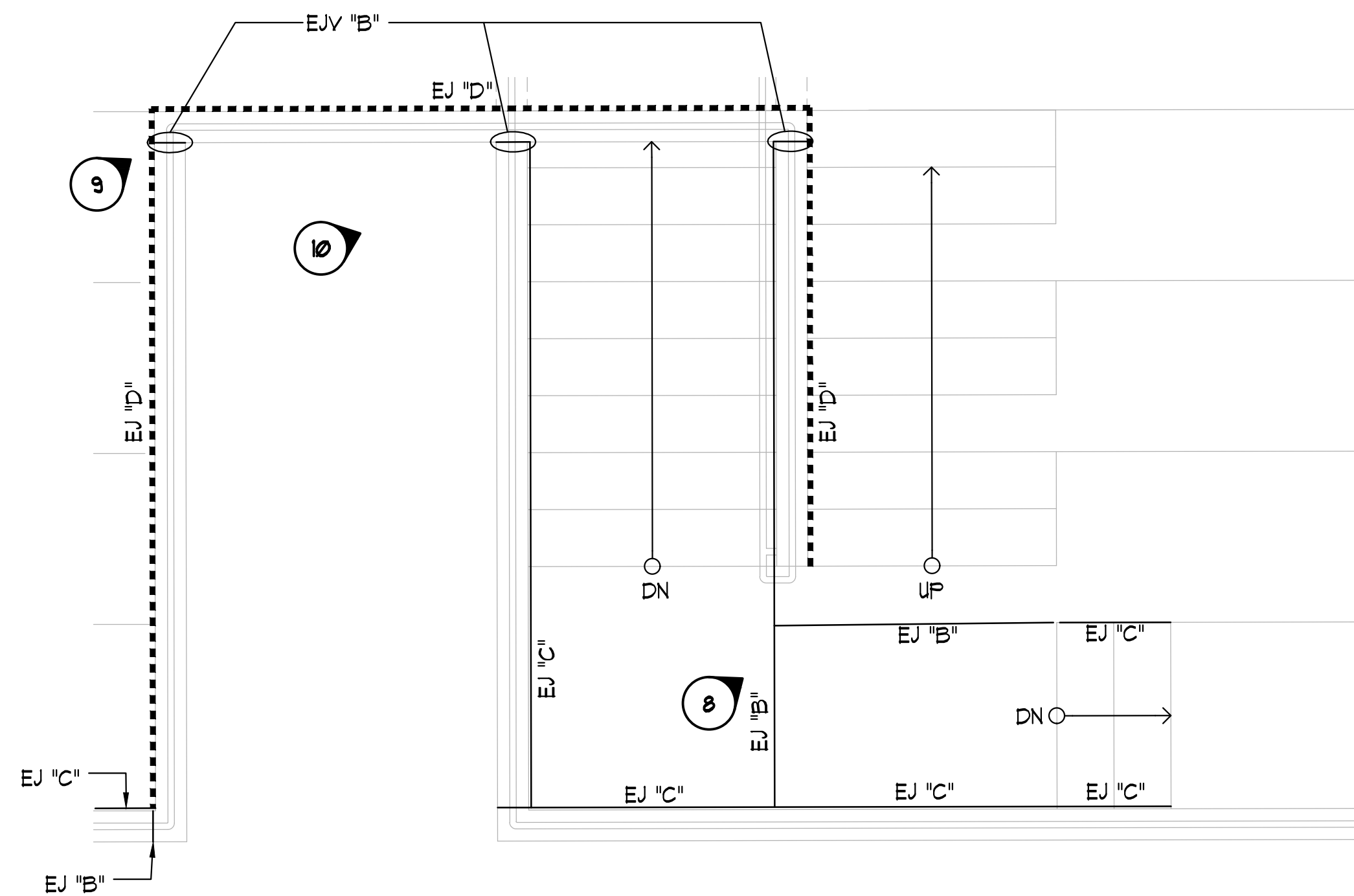
T101



1 OVERALL PLAN VIEW - SOUTH STANDS UPPER LEVEL
SCALE 1/2" = 1'-0"



2a ENLARGED VOMITORY @ LOWER AREA
SCALE 1/2" = 1'-0"



2b ENLARGED VOMITORY @ UPPER AREA
SCALE 1/2" = 1'-0"

LEGEND:

- EJ EXPANSION JOINT HORIZONTAL OR STEPPED.
EJV EXPANSION JOINT VERTICAL. REPLACE JOINT PER EJ "F" SCHEDULED BELOW. NEW JOINT IS TO BE FULL HEIGHT AND TURN HORIZONTAL AT TOP WITH CLEAN FINISHED AND WATER TIGHT TERMINATION.
CJV CONTROL JOINT VERTICAL. REPLACE JOINT PER EJ "F" SCHEDULED BELOW. NEW JOINT IS TO BE FULL HEIGHT AND TURN HORIZONTAL AT TOP WITH CLEAN FINISHED AND WATER TIGHT TERMINATION.
R EXISTING STEEL ISLE RAILINGS TO REMAIN PLACE
FG EXISTING FLOOR GRATE.
X OR X PHOTO REFERENCE, SHEET A203

GENERAL NOTES:

- THIS WORK CONSISTS OF REPAIR OF EXISTING STEEL WELD PLATES AND RELATED STEEL CLIP CONDITIONS AND EXPOSED REBAR. REPAIR CONDITIONS ALONG WITH REPLACEMENT OF EXISTING CONTROL JOINTS, EXPANSION JOINTS, AND EXPANSION COVERS - ALL PRIOR TO THE APPLICATION OF A NEW WATERPROOF DECK COATING SYSTEM ALSO INCLUDED IN THIS WORK. MINOR CONCRETE REPAIR IS ALSO INCLUDED.
- THE CONTRACTOR IS REQUIRED TO VISIT THE PROJECT SITES PRIOR TO SUBMITTING BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS RELATING TO THIS PROJECT. SUBMISSION OF A BID WILL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS VISITED THE SITE OF WORK. ANY DISCREPANCIES OR QUESTIONS ARE TO BE DIRECTED TO THE ARCHITECT PRIOR TO BID.
- THE CONTRACTOR IS TO PROVIDE A LETTER, ACCOMPANYING THE BID FORM, FROM THE TRAFFIC COATING MANUFACTURER AND JOINT SYSTEM MANUFACTURER, ON THE MANUFACTURER'S LETTER HEAD, CERTIFYING THAT THE CONTRACTOR IS APPROVED FOR THE JOINT AND SEVERAL WARRANTY AS SPECIFIED FOR THIS PROJECT.
- THE CONTRACTOR WILL HAVE ACCESS TO THE STADIUM MONDAY THROUGH FRIDAY AND TIME ON WEEKENDS ONLY IF APPROVED BY THE OWNER 1 DAY IN ADVANCE OF SUCH WEEKEND. THE CONTRACTOR IS TO STRATEGIZE HIS WORK SCHEDULE AND SUBMITTALS BASED ON THE SCOPE OF WORK TO MEET THE CONSTRUCTION COMPLETION DATE.
- THE OWNER WILL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF THE BLEACHERS AND SEATING.

THE SEQUENCING OF BLEACHER REMOVAL, STACKING LOCATION AND REINSTALLATION MUST BE COORDINATED BY ALL PARTIES AS THE BLEACHERS WILL BE STACKED/STORED ON AREAS OF THE UPPER DECK DURING WATERPROOFING. IT IS EXPECTED THAT WATERPROOFING EFFORTS START AT EACH END AND PROCEED TOWARD THE CENTER. THE CONTRACTOR MUST INCLUDE THE CONSTRUCTION SCHEDULE WITH THE BID.

THE CONTRACTOR IS TO INCLUDE THE BLEACHER REMOVAL IN HIS PROJECT SCHEDULE. THE REMOVAL SHALL BE CLOSELY COORDINATED WITH THE OWNER'S SEATING CONTRACTOR PRIOR TO COMPLETION OF THE SCHEDULE. THE CONTRACTOR MUST INCLUDE THE CONSTRUCTION SCHEDULE WITH THE BID.

- HYDROBLAST WILL BE ALLOWED WITH A MAXIMUM PRESSURE OF 5,000 PSI. THE CONTRACTOR WILL BE REQUIRED TO USE EXTREME CAUTION AND DILIGENCE WHEN USING WATER. THE CONTRACTOR IS REQUIRED TO INSPECT THE EXISTING JOINTS PRIOR TO THE USE OF WATER; AND ANY OPEN OR POTENTIAL WATER ENTRY JOINTS WILL NEED TO BE SEALED PRIOR TO THE USE OF WATER. ANY DAMAGE TO THE SPACES BELOW CAUSED BY THE CONTRACTOR WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE AT THE OWNER'S DISCRETION.

- ALL TEMPORARY FACILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN A CLEAN WORK SITE AT ALL TIMES. THE WORK AREA MUST BE CLEANED UP AT THE END OF EACH DAY MINIMUM. CONTRACTOR SHALL NOT ALLOW TRASH OR DEBRIS TO BECOME WIND BORNE SO AS TO LITTER UP ADJACENT AREAS OF THE STADIUM.
- CONTRACTOR IS TO PROTECT ALL EXISTING CONSTRUCTION FROM DAMAGE. ANY DAMAGE TO EXISTING CONSTRUCTION WILL BE REPAIRED OR REPLACED AT THE OWNER'S DISCRETION AND AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL LIFE SAFETY METHODS & PRACTICES.

- ALL CONTROL JOINT AND EXPANSION JOINT REPLACEMENT MUST INCLUDE THE ENTIRE JOINT SYSTEM AND MUST BE INSTALLED IN COMPLIANCE WITH JOINT SYSTEM MANUFACTURER AND WATERPROOF DECK COATING SYSTEM MANUFACTURER'S WRITTEN INSTRUCTIONS. COORDINATION MUST ALSO BE MADE FOR THE CONTINUOUS CONTROL JOINTS ON THE RISERS AT THE CONCRETE REPAIR CONDITIONS. CONTRACTOR SHALL VERIFY ALL JOINT WIDTHS AS SOME WILL VARY.

- REMOVE SECTION OF STEP FROM CRACK TO SHORTEST END. CLEAN AND PROVIDE DOUELS (2 PER RISER) AND BONDING AGENT PRIOR TO FORMING AND RE-POURING USING SIKACRETE 211. CURRENT REPAIR WORK TO LOOK PROFESSIONAL. (SEE PHOTO #12)
- EXPOSED STEEL REBAR SEE PHOTOS #13. NOTE THAT THIS IS WORST CASE AS THE DEGREE OF EXPOSURE VARIES. CONTRACTOR IS TO REPAIR AND TREAT AS REQUIRED PER WATERPROOF DECK COATING MANUFACTURER'S WRITTEN RECOMMENDATIONS PRIOR TO COATING. REPAIR CONCRETE WHERE REQUIRED PRIOR TO COATING.
- SPALLING CONCRETE AT STEEL CLIPS AT RISER. REMOVE ALL FRACTURED GROUT AND SEALANT AND REPAIR PER GENERAL NOTE #2 PRIOR TO APPLYING WATERPROOF SYSTEM. (SEE PHOTO #4)
- EXPOSED AND SEMI-EXPOSED STEEL CLIP AT RISER. REMOVE ALL FRACTURED GROUT & SEALANT COVERING AND REPAIR PER REPAIR PRODUCT MANUFACTURER'S WRITTEN RECOMMENDATIONS AND IN ACCORDANCE WITH WATERPROOF COATING MANUFACTURER'S WRITTEN INSTRUCTIONS. SEE PHOTO #15. CONTRACTOR IS TO REPAIR ALL EXPOSED OR SEMI-EXPOSED ENTIRE UPPER SOUTH STANDS PRIOR TO APPLICATION OF WATERPROOF DECK COATING SYSTEM.
- REPLACE ALL HORIZONTAL SEALANT JOINTS WITH IN THE VERTICAL FACE OF THE TREAD/RISER CONDITIONS CONTINUOUS FOR THE ENTIRE UPPER SOUTH STANDS. SEE PHOTO #19c.
- EXISTING SPALLING TREAD. REMOVE BAD CONCRETE AND RE-POUR TREAD. CLEAN AND RE-POUR STEP CORNER. DRILL ANCHOR PINS INTO EXISTING CONCRETE USING THE "HYA ADHESIVE SYSTEM" BY HILTI WITH AN EMBEDMENT DEPTH OF 3" OR APPROVED EQUAL. ASSUME 5 SIMILAR CONDITIONS FOR REPAIR.
- REPAIR FRACTURED CONCRETE EDGES. (TYPICAL)

JOINT SYSTEM SCHEDULE:

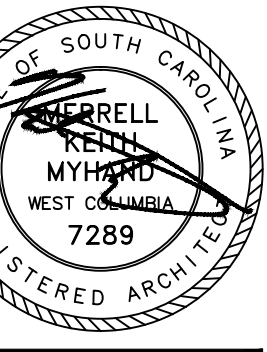
- EJ TYPE "A" - NOT USED
EJ TYPE "B" - BACKER ROD (CLOSED CELL) & SEALANT
EJ TYPE "C" - JOINT SEALANT CANT BEAD
EJ TYPE "D" - WABO SEISMIC WEATHER SEAL
EJ TYPE "E" - WABO SEISMIC WEATHER SEAL (ONLY AT JOINT WIDTHS 1" AND GREATER. PROVIDE JOINT TYPE "B" AT JOINT WIDTHS LESS THAN 1". CONTRACTOR TO VERIFY JOINT WIDTHS PRIOR TO BID.)
EJ TYPE "F" - WABO EVAZOTE UV (ONLY AT JOINT WIDTHS 1" AND GREATER. PROVIDE JOINT TYPE "B" AT JOINTS LESS THAN 1". BOTH JOINT METHODS ARE TO RECEIVE URETHANE SEALANT TOPPING (3/8" MINIMUM AT EVAZOTE UV CONDITIONS) TO PROTECT AGAINST WEELS AND TO PROVIDE CONSISTENT & UNIFORM APPEARANCE. CONTRACTOR TO VERIFY JOINT WIDTHS PRIOR TO BID.)

KEY NOTES:

- REMOVE EXISTING COATING THIS AREA PRIOR TO APPLICATION OF WATERPROOF COATING SYSTEM. TURN NEW COATING UP 4" AT END WALL AND FRONT WALL (TYPICAL).
- PROVIDE CANT BEAD OF SEALANT AND TURN COATING UP 4" AT UPPER WALL CONTINUOUS FOR ENTIRE LENGTH OF WALL.
- EXISTING ALUMINUM EJ COVER AT WALKWAY JOINTS. REMOVE, CLEAN AND REINSTALL AFTER WATERPROOFING IS COMPLETE.
- EXPOSED STEEL WELD PLATE AND/OR CLIP. CLEAN, PRIME AND COAT PER COATING MANUFACTURER'S WRITTEN INSTRUCTIONS. APPROXIMATELY ONE PER TREAD. COAT ENTIRE PLATE/CLIP. SEE PHOTO #11.

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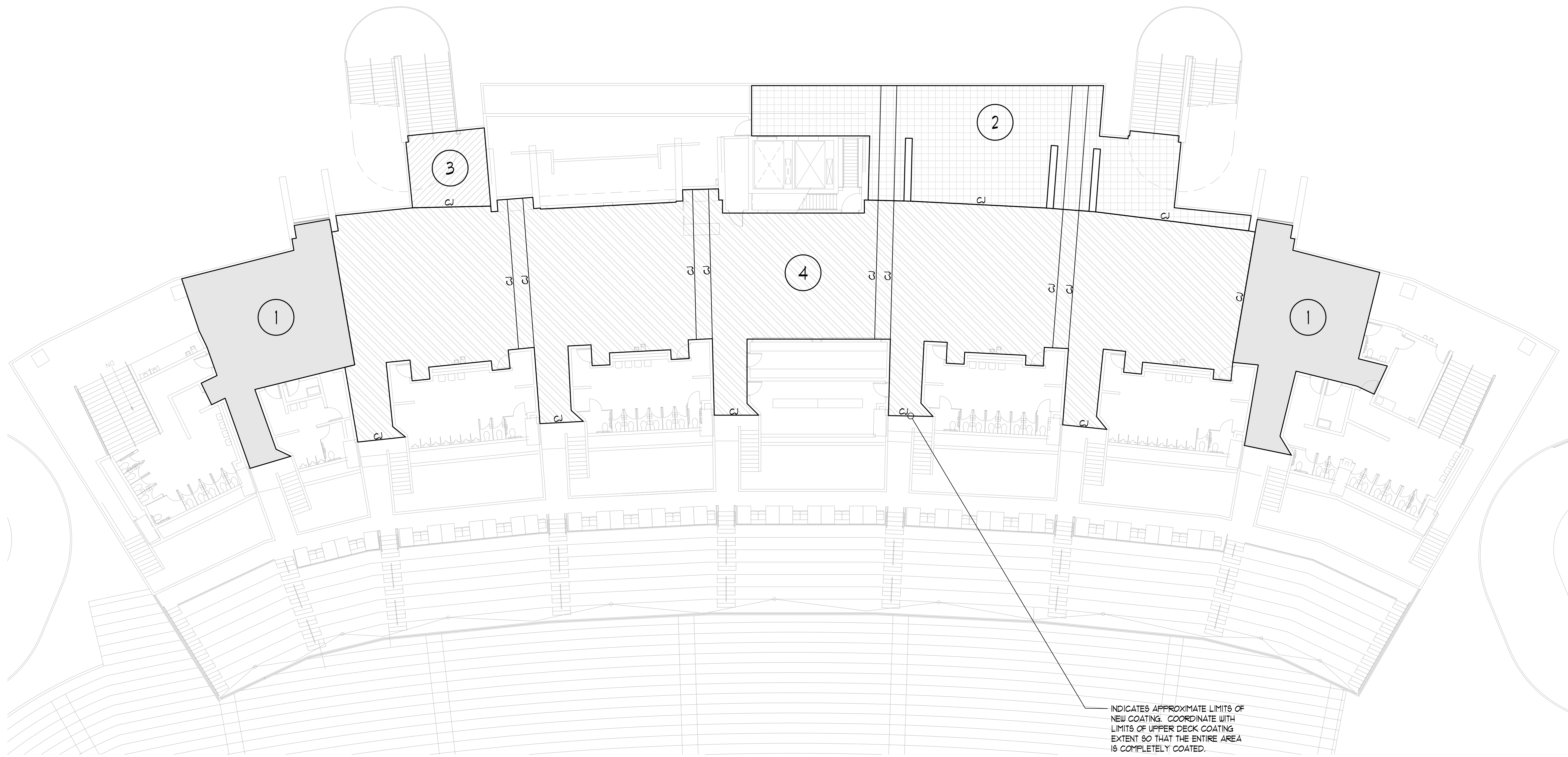
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PLAN VIEW -
UPPER SOUTH DECK

SHEET NO:

A201

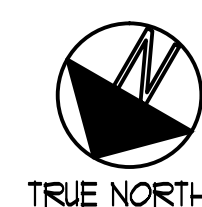
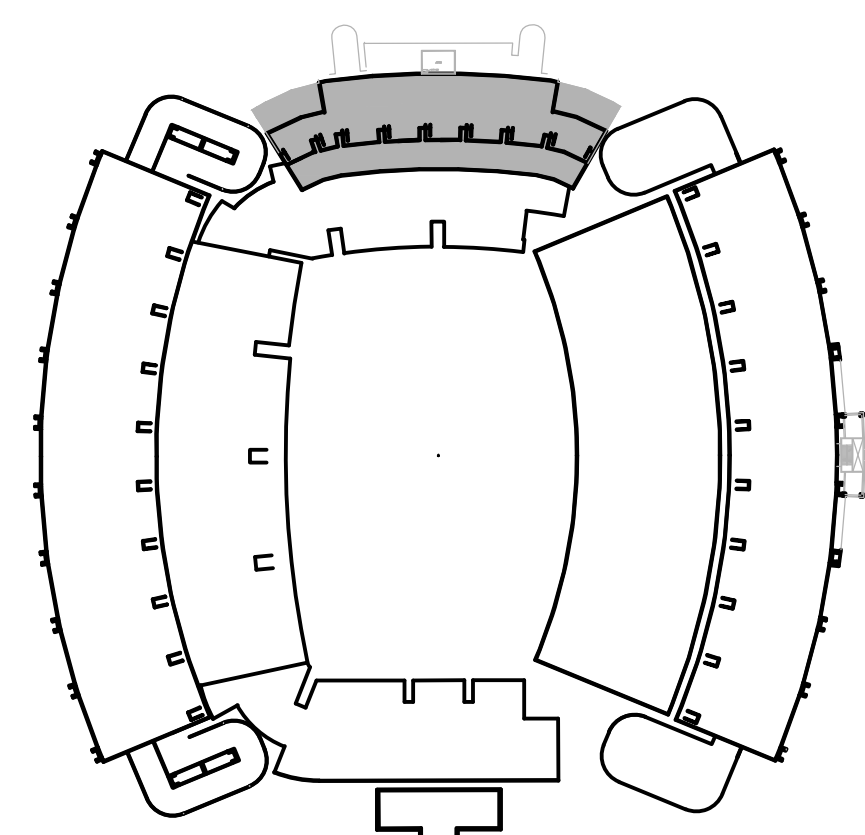


 SOUTH UPPER CONCOURSE LEVEL
SCALE 3/32" = 1'-0"

INDICATES APPROXIMATE LIMITS OF
NEW COATING. COORDINATE WITH
LIMITS OF UPPER DECK COATING
EXTENT SO THAT THE ENTIRE AREA
IS COMPLETELY COATED.

- LEGEND:**
- CJ CONTROL JOINT. CLEAN OUT & SEAL PER NOTE 3 BELOW.
- ① WATERPROOFING AREA
- GENERAL NOTES:**
- REFER TO SHEET A201 FOR GENERAL NOTES APPLICABLE TO THIS SHEET.
 - MATCH EXISTING ADJACENT WATERPROOF COATING SYSTEM COLOR.
 - CONTRACTOR IS TO ROUTE OUT CRACKS IN SLAB OF AREAS TO BE COATED AND REPAIR PRIOR TO APPLICATION OF WATERPROOF COATING SYSTEM. CRACK ROUTES ARE TO BE SEALED/FILLED USING BASF POLYURETHANE SL (SELF-LEVELING) SEALANT PRIOR TO COATING. ALL CONDITIONS ARE TO BE FLUSH WITH ADJACENT CONCRETE SLAB SURFACE.
 - PROVIDE CANT BEAD OF SEALANT AT PERIMETER OF NEW WORK AT FLOOR TO WALL/FLOOR TO WALL PANEL CONDITIONS.

- WATERPROOFING DECK COATING SCHEDULE:**
- AREA ① EXISTING WATERPROOF COATING IS TO REMAIN. DO NOT DAMAGE.
- AREA ② EXISTING WATERPROOF COATING. WIPE CLEAN WITH XYLENE AND RE-COAT (INTERMEDIATE & TOP COAT) THIS AREA PER COATING MANUFACTURER'S WRITTEN INSTRUCTIONS.
- AREA ③ EXISTING AREA STAINED OR PAINTED BY OWNER. PREPARE SURFACE PER COATING MANUFACTURER'S WRITTEN INSTRUCTIONS AND PROVIDE NEW COATING SYSTEM.
- AREA ④ EXISTING BARE CONCRETE AREA. REPAIR ALL CRACKS AND PROVIDE NEW COATING SYSTEM.



KEY PLAN

ADD ALTERNATE #1

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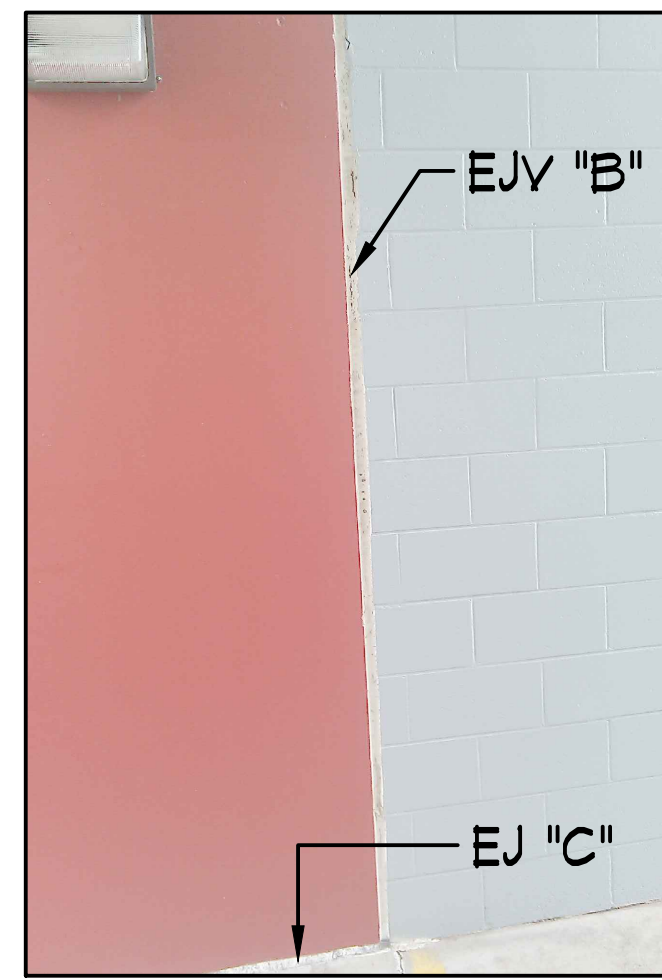
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PLAN VIEW -
UPPER SOUTH
CONCOURSE

(ADD ALTERNATE #1)

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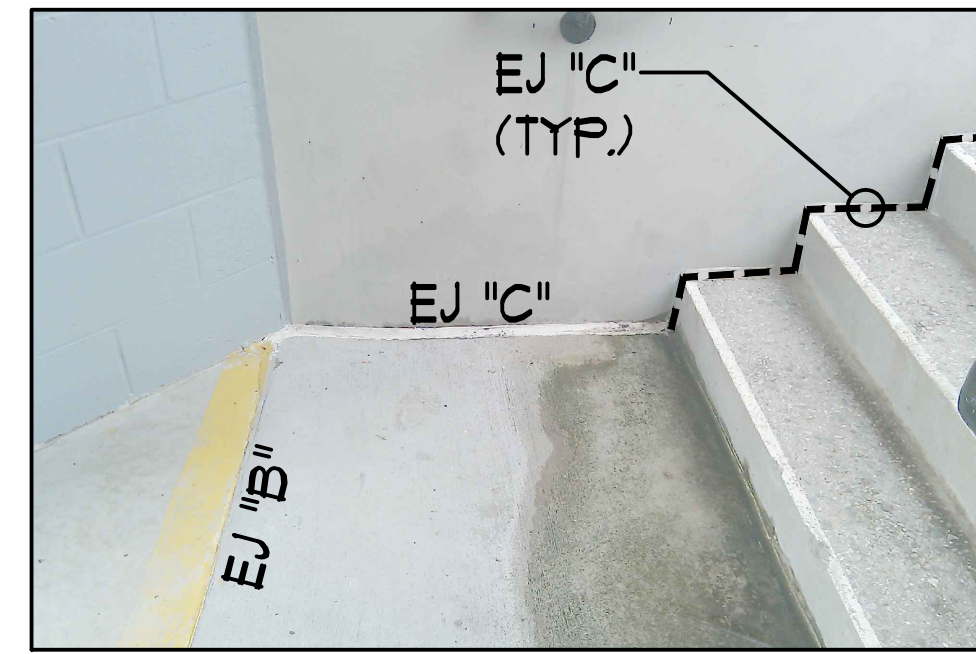
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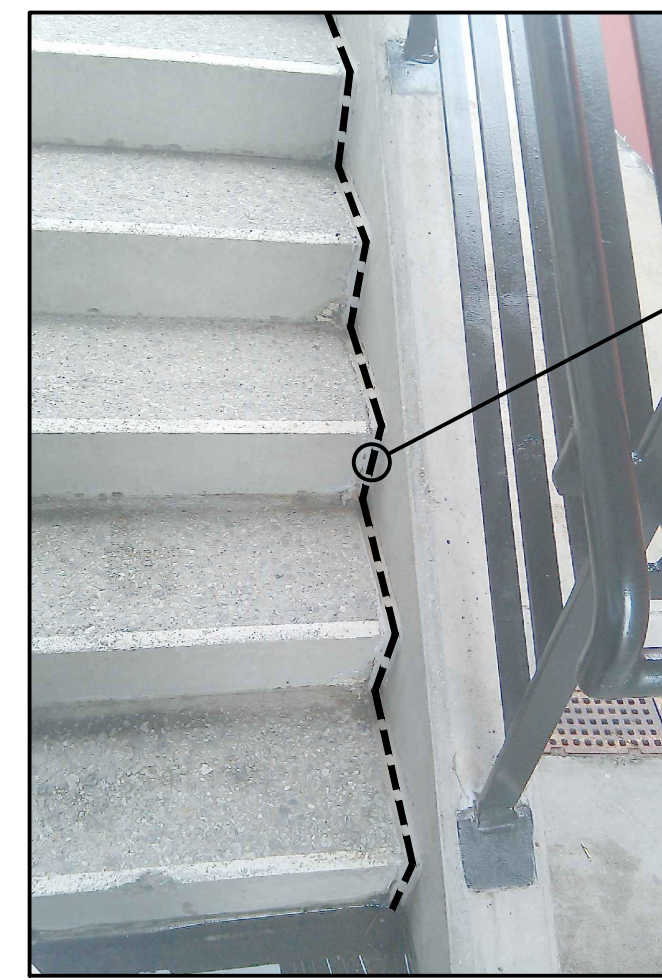
1 VOMITARY WALL VERTICAL JOINT



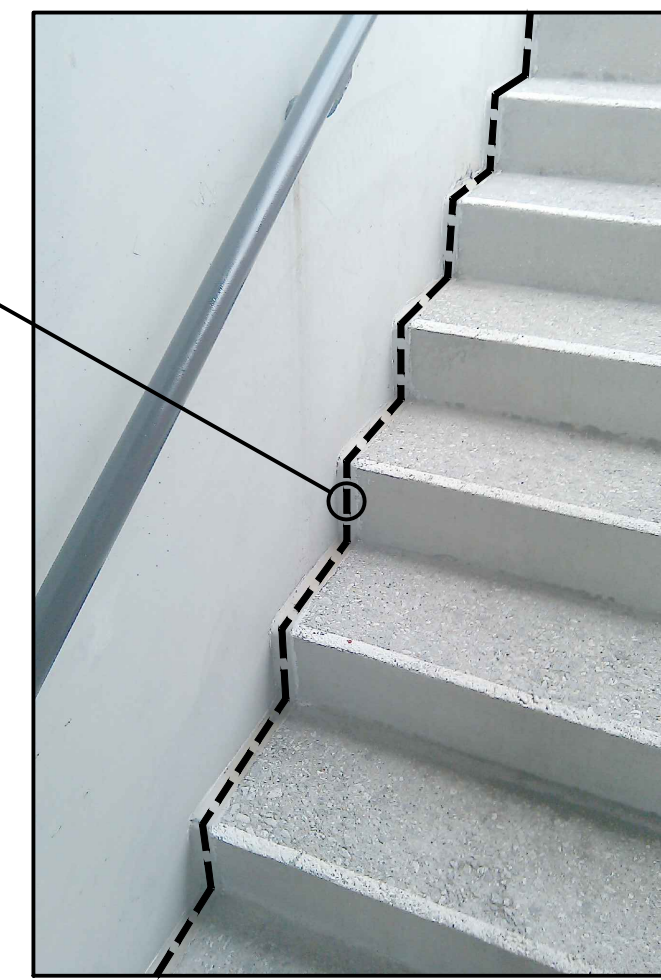
2 VOMITARY HORIZONTAL JOINTS



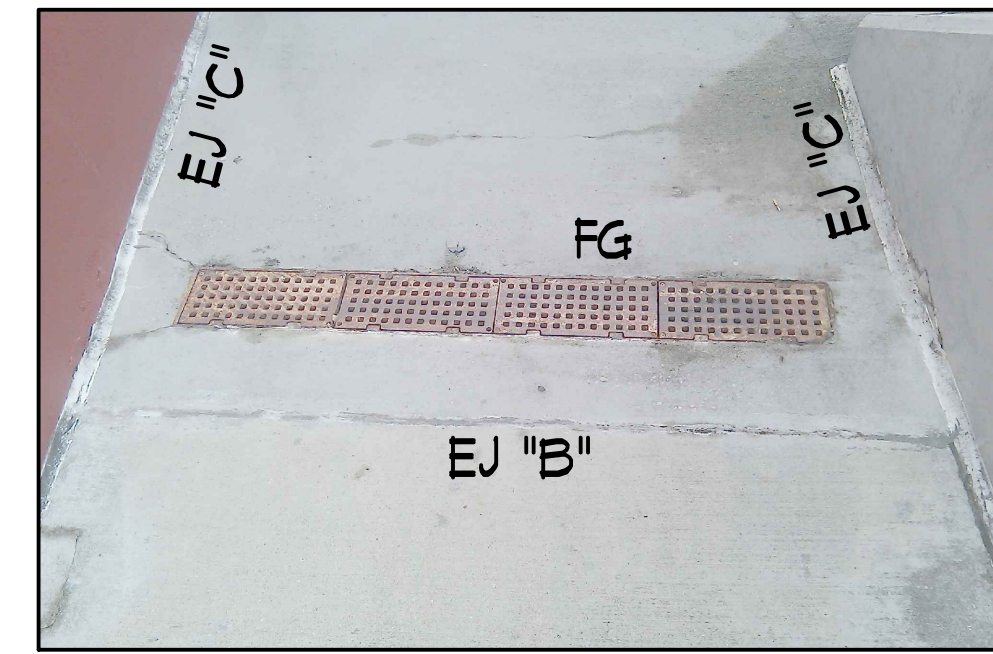
3 VOMITARY HORIZONTAL & VERTICAL JOINTS



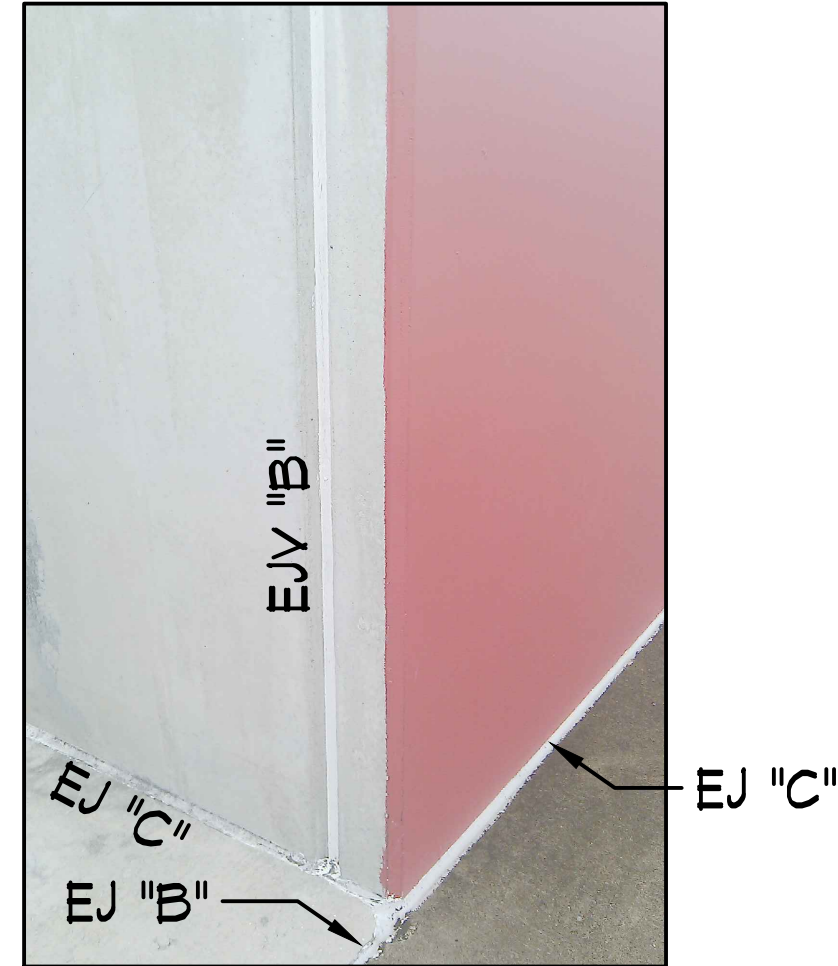
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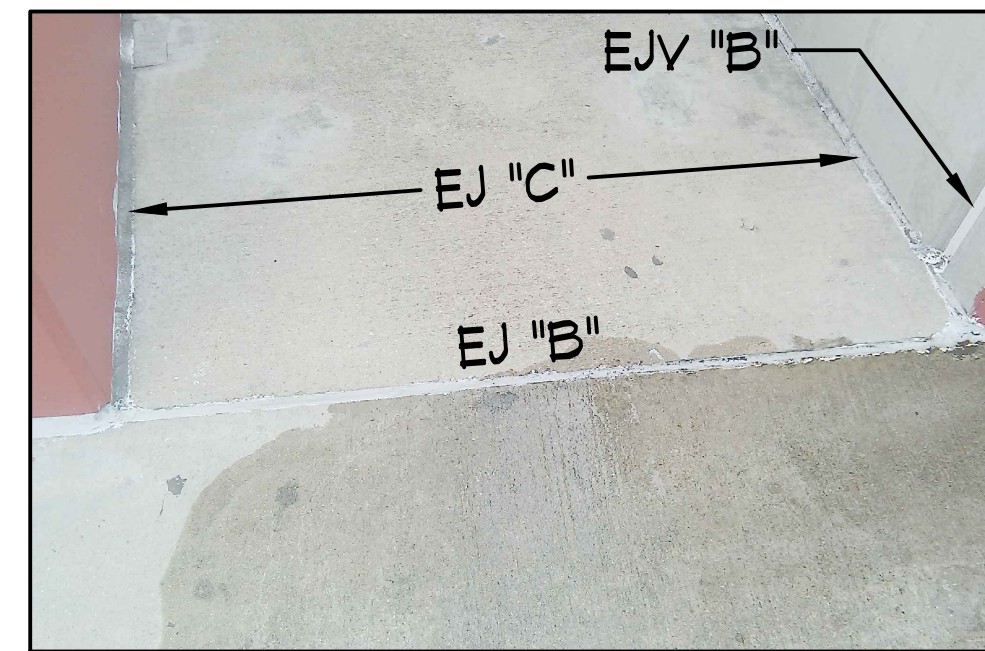
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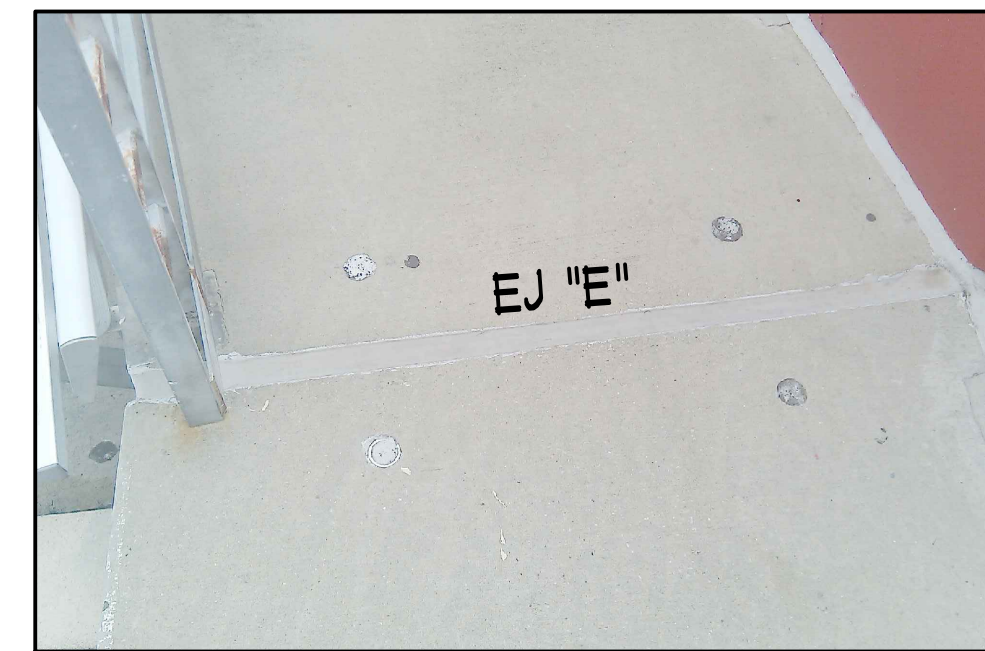
5 VOMITARY HORIZONTAL JOINTS



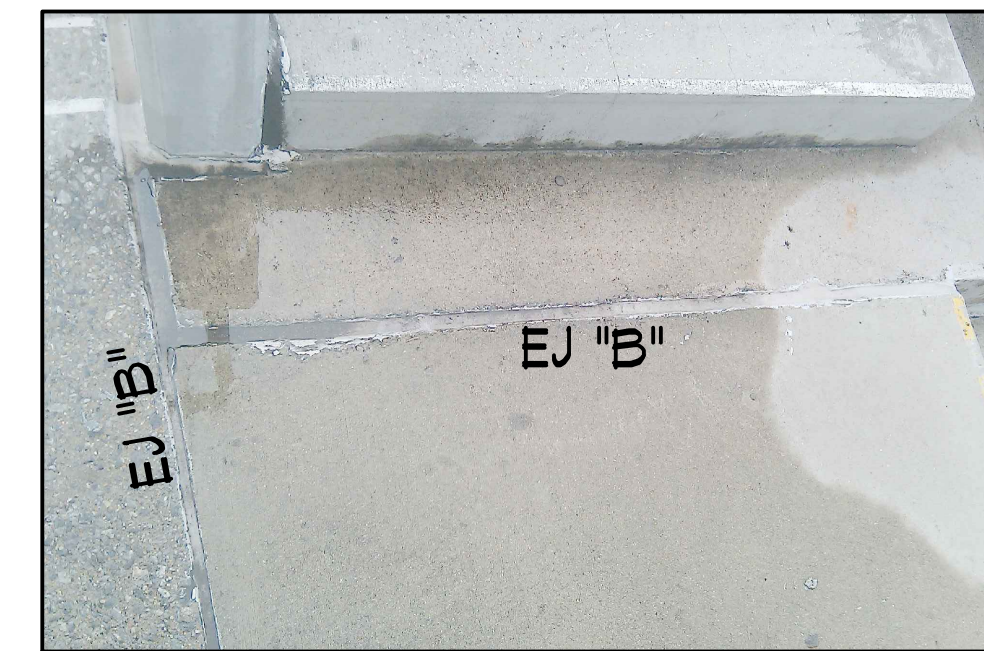
6a VOMITARY WALL VERTICAL & HORIZONTAL JOINTS



6b VOMITARY HORIZONTAL JOINTS



7



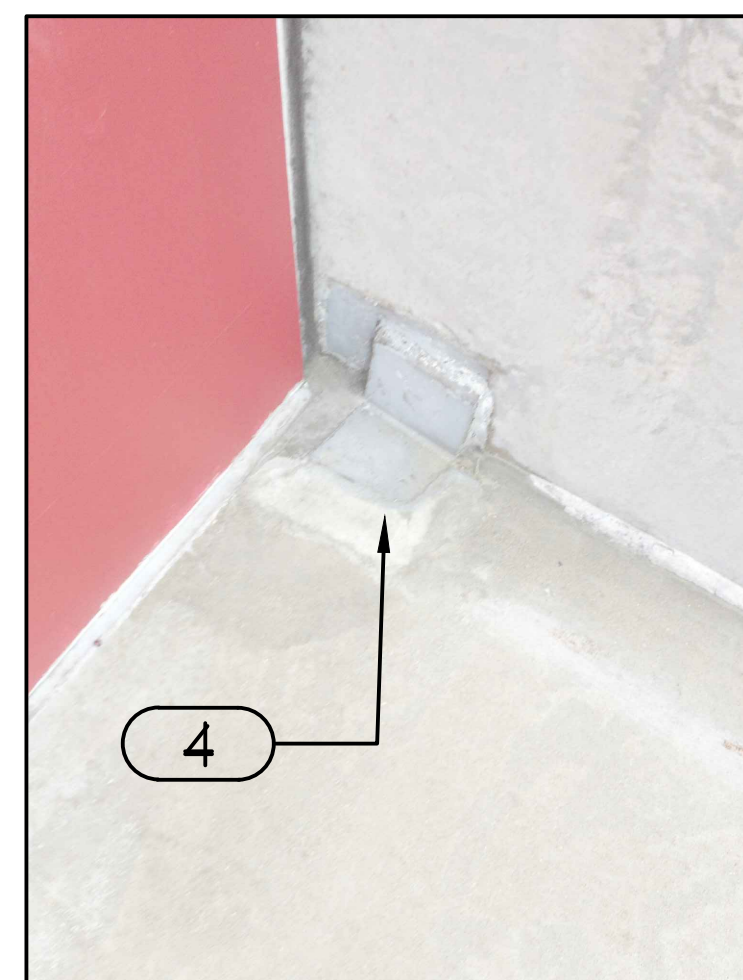
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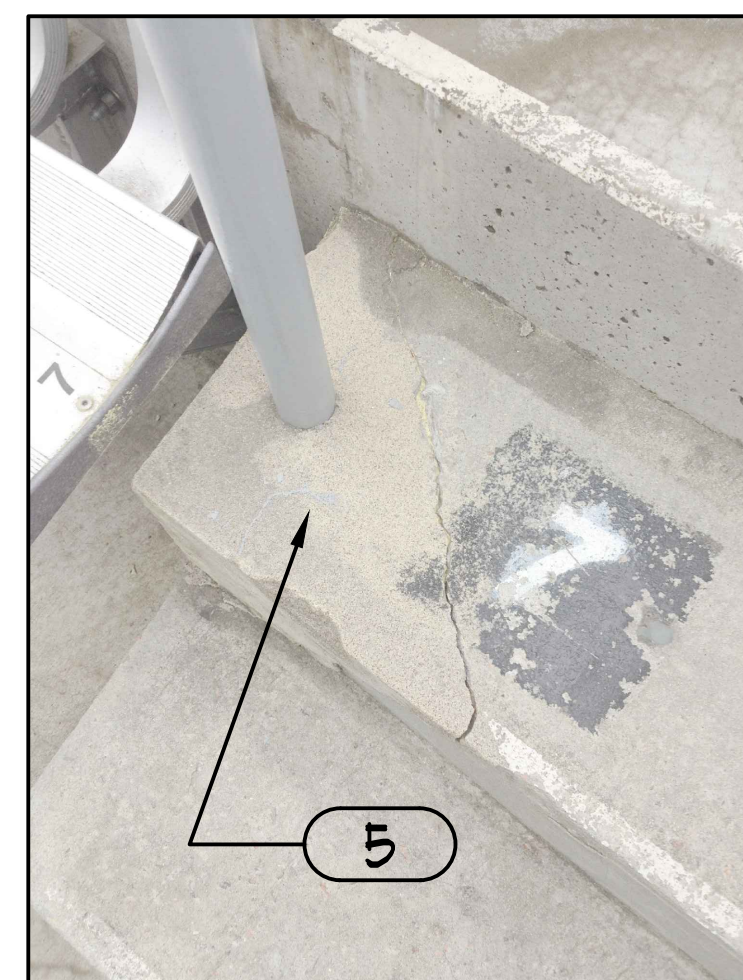
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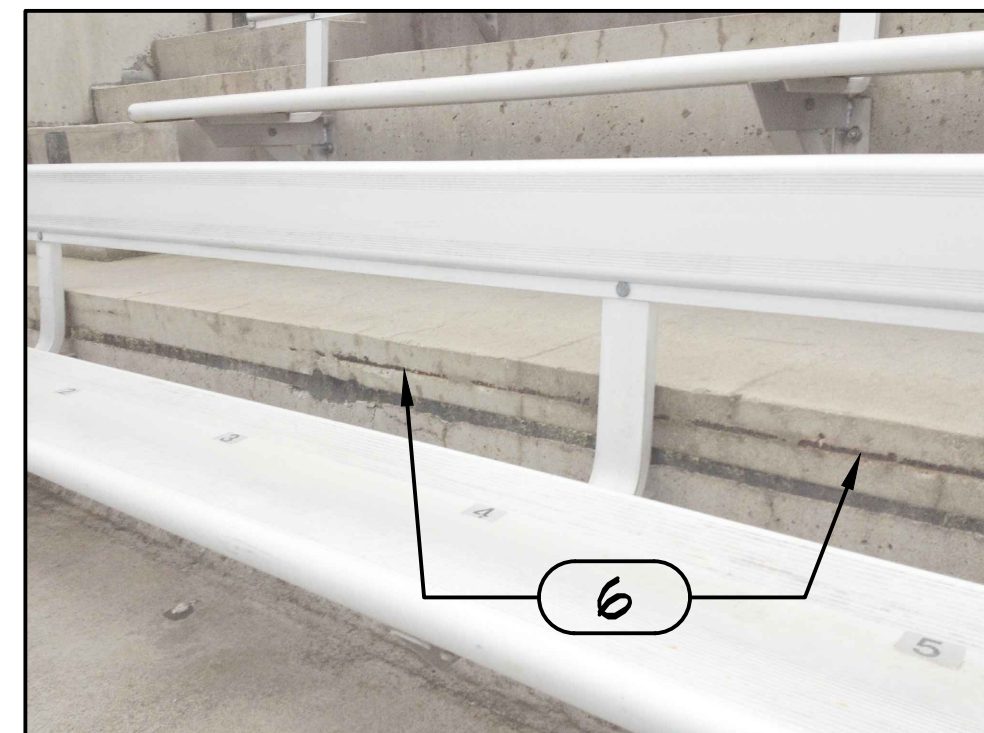
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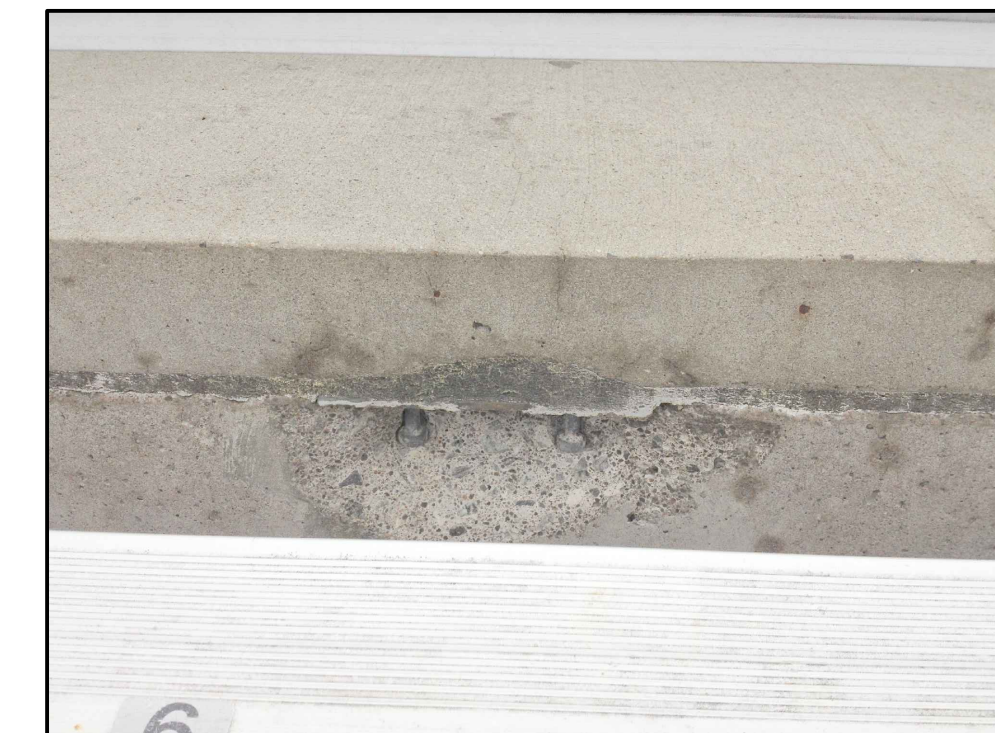
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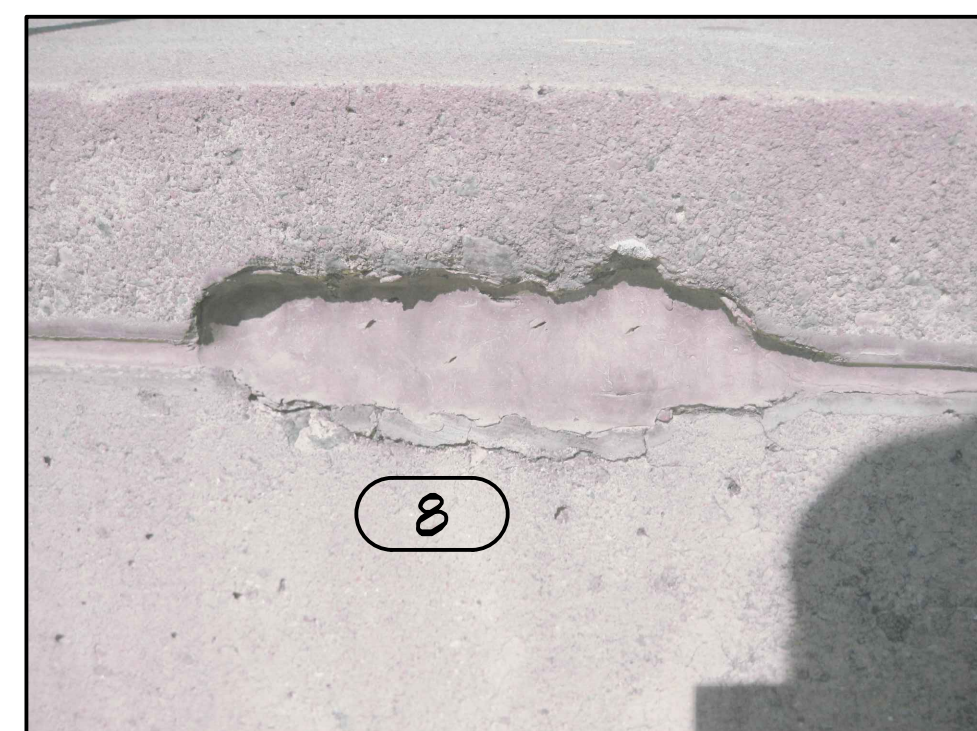
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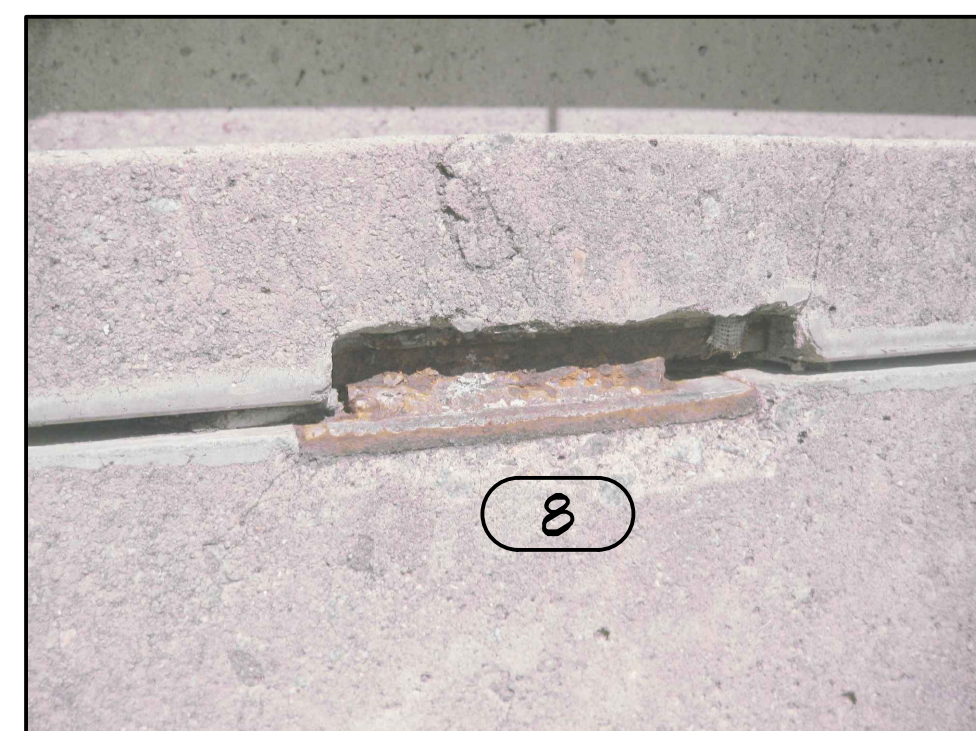
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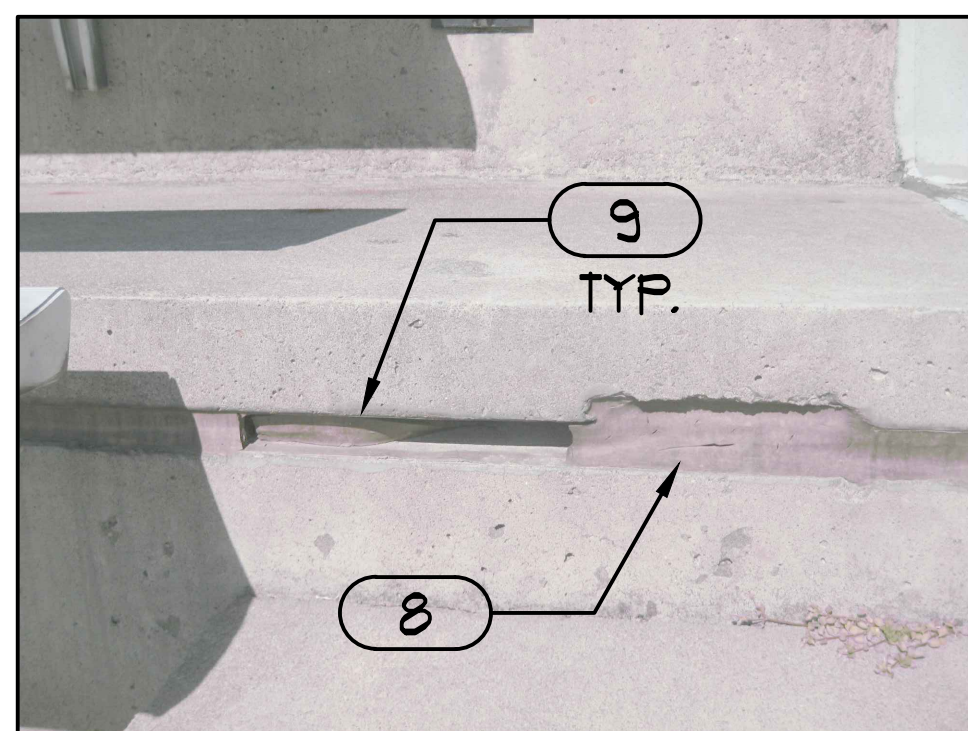
14b



15a STEEL CLIP CONDITION



15b STEEL CLIP CONDITION



15c TREAD/RISER JOINT CONDITION

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