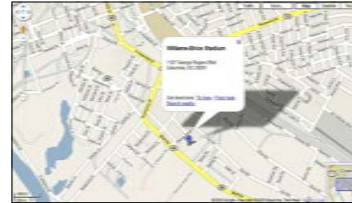


WILLIAMS BRICE STADIUM

WATERPROOFING OF EAST RAMPS/ZONE SEATING AREA

CP00371735

University of South Carolina



VICINITY PLAN
NOT TO SCALE

ABBREVIATIONS

| | | | |
|-----------|---------------------------|----------|------------------------|
| A.C.T. | ACOUSTICAL CEILING TILE | MECH | MECHANICAL |
| ALUM. | ALUMINUM | MFR | MANUFACTURER |
| BD | BOARD | MB | MARKER BOARD |
| BLKG | BLOCKING | M.O. | MASONRY OPENING |
| C.J. | CONTROL JOINT | N.I.C. | NOT IN CONTRACT |
| C.T. | CERAMIC TILE | O.C. | ON CENTER |
| CMU | CONCRETE MASONRY UNIT | O.D. | OUTSIDE DIAMETER |
| CONC. | CONCRETE | OPNG | OPENING |
| CONT. | CONTINUOUS | PRMETHAN | PRONETHEAN BOARD |
| CPT | CARPET | F.S. | FLAT |
| CR | CLASSROOM | FLUMB | PLUMBING |
| DTL | DETAIL | FR | PAIR |
| E.J. | EXPANSION JOINT | PT | PRESSURE TREATED |
| ELEC. | ELECTRICAL | RINF | REINFORCED |
| EQ | EQUAL | RREQD | REQUIRED |
| EXIST/EXG | EXISTING | SCHED | SCHEDULE |
| EXP | EXPANSION | SHT. | SHEET |
| FE | FIRE EXTINGUISHER | SIM. | SIMILAR |
| FEC | FIRE EXTINGUISHER CABINET | SS | STAINLESS STEEL |
| FF | FINISH FLOOR | STL | STEEL |
| FLR | FLOOR | STOR. | STORAGE |
| FTG | FOOTING | TB | TACKBOARD |
| GALV | GALVANIZED | TEMP | TEMPERED |
| GC | GENERAL CONTRACTOR | PT | PRESSURE TREATED |
| GR | GUARDRAIL | TYP. | TYPICAL |
| GWB | GYPSUM WALL BOARD | VCT | VINYL COMPOSITION TILE |
| HM | HOLLOW METAL | VERT | VERTICAL |
| HORIZ | HORIZONTAL | WD | WOOD |
| HR | HANDRAIL | | |
| I.D. | INSIDE DIAMETER | | |
| INSUL | INSULATION | | |

NOTE: FOR ABBREVIATIONS NOT NOTED ABOVE CONTACT ARCHITECT.



ZONE SEATING AREA

PROJECT CONTACTS

JOB SITE _____

CONTRACTORS OFFICE _____

OWNER
University of South Carolina _____

ARCHITECT
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INDEX OF DRAWINGS

T101 TITLE, INDEX & ABBREVIATIONS
 A201 PARTIAL PLAN VIEW - SOUTH STANDS "ZONE SEATING AREA"
 A202 PARTIAL PLAN VIEW - SOUTHEAST RAMP
 A203 PARTIAL PLAN VIEW - NORTHEAST RAMP

ALTERNATES

ADD ALTERNATE #1: PROVIDE NEW VEHICULAR WATERPROOF COATING AT THE THIRD LEVEL OF BOTH EAST RAMPS AS INDICATED ON SHEETS A202 & A203 HERE IN.

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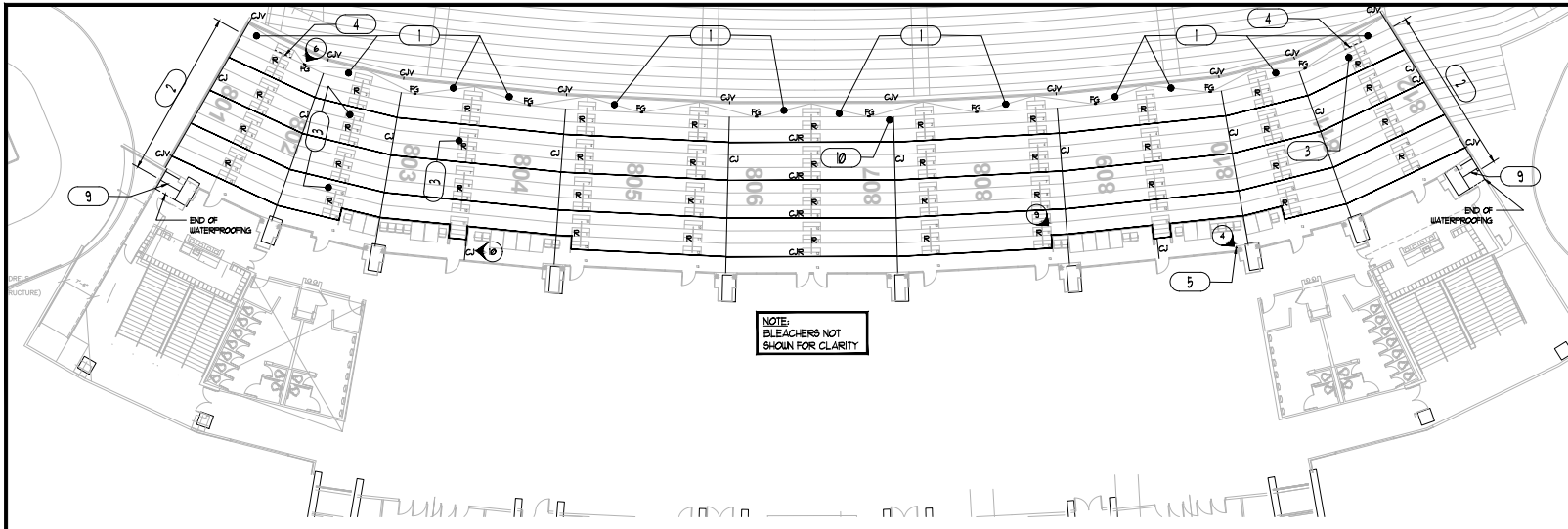
WBS - WATERPROOFING OF EAST RAMPS/ZONE SEATING AREA
 UNIVERSITY OF SOUTH CAROLINA
 COLUMBIA, SOUTH CAROLINA

REVISIONS:

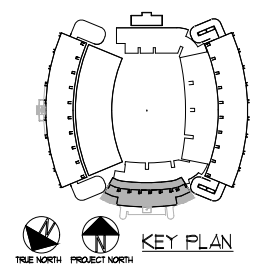
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TITLE, INDEX & ABBREVIATIONS

SHEET NO:
T101



OVERALL PLAN VIEW - SOUTH STANDS "ZONE SEATING AREA"
SCALE: 1/8" = 1'-0"



- LEGEND:**
- CJ CONTROL JOINT HORIZONTAL OR STEPPED. REPLACE JOINT PER CJ # SCHEDULED BELOW.
 - C/V CONTROL JOINT VERTICAL. REPLACE JOINT PER C/V # SCHEDULED BELOW. JOINT IS TO BE FULL HEIGHT AND TURN HORIZONTAL AT TOP WITH CLEAN FINISH AND 1/2" MINIMUM OVERLAP.
 - CR CONTROL JOINT RISER (CONTINUOUS). REPLACE JOINT PER CR # SCHEDULED BELOW. SEE PHOTO 3.
 - R EXISTING STEEL IBE RAILINGS TO REMAIN IN PLACE.
 - FG EXISTING FLOOR GRATE.
 - X OR X PHOTO REFERENCE SHEET A209

- GENERAL NOTES:**
1. THIS WORK CONSISTS OF REPAIR OF EXISTING STEEL WELD PLATES AND RELATED STEEL CLIP CONDITIONS AND EXPOSED REBAR CONDITIONS ALONG WITH REPLACEMENT OF EXISTING CONTROL JOINTS AND EXPANSION JOINTS AND - ALL PRIOR TO THE APPLICATION OF A NEW WATERPROOF PEDESTRIAN DECK COATING SYSTEM ALSO INCLUDED IN THIS WORK. THICK CONCRETE REPAIR IS ALSO INCLUDED.
 2. IN ADDITION, THE WORK WILL INCLUDE REMOVAL OF THE EXISTING COATING AND APPLICATION OF A NEW VEHICULAR COATING ALONG WITH OTHER PRIOR REPAIRS ON THE TWO EAST RAMPERS AS INDICATED ON SHEETS A201 AND A202.
 3. THE CONTRACTOR IS REQUIRED TO VISIT THE PROJECT SITE PRIOR TO SUBMITTING BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS RELATIVE 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.
 4. THE CONTRACTOR IS TO PROVIDE A LETTER ACCOMPANYING THE BID FROM THE TRAFFIC CONTROL MANUFACTURER THROUGH PREQUALIFIED CONTRACTORS ONLY IF APPROVED BY THE OWNER 15 DAYS IN ADVANCE OF BIDDING. THE CONTRACTOR IS TO STRATEGIZE HIS WORK SCHEDULE AND SUBMITTALS BASED ON THE SCOPE OF WORK TO MEET THE CONTRACTOR COMPLETION DATE.
 5. THE OWNER WILL BE RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF THE SEATING. THE OWNER'S SEATING CONTRACTOR WILL REMOVE AND REINSTALL ALL SEATS. THE SEATING CONTRACTOR SHALL BEAT ALL DRIVE IN'S AND STEPS AT VERTICAL SURFACES AS REQUIRED. WATERPROOFING CONTRACTOR WILL GROUND FASTENERS INTO CONCRETE AND PREPARE TO RECEIVE WATERPROOF COATINGS PER COATING MANUFACTURER'S INSTRUCTIONS. ANY FASTENERS TO REMAIN FOR REUSE WILL BE MARKED BY THE SEATING CONTRACTOR. ALL OTHER REMAINING STEPS WILL BE REMOVED BY WATERPROOFING CONTRACTOR. THE NEW SEATING AND ANY NEW FASTENERS WILL BE PROVIDED BY THE SEATING CONTRACTOR.

6. PROVIDE SOLID BACKER ROD WITH 1/4" MINIMUM JOINT SEALANT TOPPING FOR A CLEAN CONDITION WITH PROTECTIVE STOPS PRIOR TO WATERPROOF COATING. SEE PHOTO 4.
7. SPALLING CONCRETE AT STEEL CLIPS AT RISER REMOVE ALL FRACTURED GROUT AND SEALANT AND REPAIR PER GENERAL NOTE 12 PRIOR TO APPLYING WATERPROOF SYSTEM. (SEE PHOTO 3). (SEE KEYNOTE 11 ALSO).
8. EXPOSED AND REB-EXPOSED STEEL CLIP AT RISER REMOVE ALL FRACTURED GROUT & SEALANT COVERING AND REPAIR PER REPAIR PRODUCT MANUFACTURER'S WRITTEN INSTRUCTIONS. SEE PHOTO 3. CONTRACTOR IS TO REPAIR ALL EXPOSED OR REB-EXPOSED ENTIRE STANDS PRIOR TO APPLICATION OF WATERPROOF DECK COATING SYSTEM. CONTRACTOR IS TO ASSURE 50 SIMILAR HORIZONTAL CLIP CONDITIONS. REPAIRS WILL VARY.
9. REPLACE ALL HORIZONTAL SEALANT JOINTS WITH IN THE VERTICAL FACE OF THE TREAD/RISER CONDITIONS CONTINUOUS FOR THE ENTIRE STAIRS. SEE PHOTO 5.
10. EXPANSION JOINT HORIZONTAL & VERTICAL. REPLACE BOTH JOINTS PER E-1 SCHEDULED BELOW. SEE PHOTO 7.
11. REMOVE LOOSE CONCRETE & REPAIR PER GENERAL NOTE 12. SEE PHOTO 8.
12. CONTRACTOR IS TO ASSURE 50 SIMILAR CONDITIONS.
13. MINIMAL CONCRETE REPAIR AT EDGES OF SOME JOINTS. STEEL CLIPS AT TREADS AND TREAD EDGES IS EXPECTED AND SHALL BE PROVIDED. REMOVE LOOSE CONCRETE, SPLIT, CHIP AND CLEAN. APPLY BONDING AGENT & CONCRETE REPAIR MORTAR. PROVIDE S&A #1 FOR DEEP CONDITIONS AND FORM. USE S&A TOP 21 PLUS FOR SHALLOW CONDITIONS. FOLLOW REPAIR MORTAR MANUFACTURER'S WRITTEN INSTRUCTIONS. S&A #1 BUILD ARE ACCEPTABLE. SUBMITTAL TO ARCHITECT IS REQUIRED. SEE PHOTO 9 FOR TYPICAL CONDITION.
14. CONTRACTOR IS TO REPLACE ALL JOINTS WITHIN THE WATERPROOFING AREA PRIOR TO APPLICATION OF WATERPROOF COATING WHETHER THE JOINT IS SHOWN OR NOT ON THIS DRAWING. JOINT TYPE AND INSTALLATION MUST BE PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND IN ACCORDANCE WITH THE JOINT AND SEVERAL WARRANTY REQUIREMENTS.
15. PROVIDE BEAD OF SEALANT AROUND BASE OF ALL RAILING POSTS AT COATING SURFACE PRIOR TO COATING.
16. WATERPROOF DECK COATING SYSTEM COLORS:
 - A. OVERALL FIELD COLOR: GRAY AS SELECTED FROM MANUFACTURER'S FULL RANGE OF COLORS.
 - B. 3" WIDE BY TREAD WIDTH CONTRASTING STRIPE TO MATCH PREVIOUS COATED SURFACES.
 - C. 3" WIDE BY TREAD WIDTH CONTRASTING STRIPE TO MATCH NOBING EDGE COLOR. YELLOW AT BOTTOM THREE THREDS. WHITE AT ALL OTHERS. LOCATED AT ALL IBE WAY 4 STEP TREAD NOBING. TWO COATS PER STRIPE.
17. WATER PROOF TO EDGE OF ALL FLOOR AND FLOOR/WALL GRATES. (FG). SEE PHOTO 6.
18. CONTRACTOR SHALL TAKE MEASURES NOT TO DAMAGE EXISTING ADJACENT PAINTED SURFACES. CONTRACTOR IS TO TOUCH UP PAINT AT JOINT LOCATIONS AROUND WALL SLAB PAINTED SURFACES. (TOP OF JOINT WALL PAINT MUST BE SAVED AS EXISTING AND OBTAINED FROM SHERWIN WILLIAMS IN 100% GARNET COLOR TO MATCH EXISTING).
19. SEAL ALL INSIDE CORNERS / OPEN JOINTS OF ALL STEPS FOR A WATER TIGHT CONDITION PRIOR TO WATER PROOFING. PROVIDE GROUT BEACON OF SEALANT AROUND THE PERIMETER OF ALL STEPS FOR WATER TIGHT CONDITION PRIOR TO COATING.
20. TURN UP WATERPROOFING COATING 4" AT ALL TREAD RISERS AND ADJACENT CONCRETE WALL SURFACES.

- JOINT SYSTEM SCHEDULE:**
- EJ TYPE "A" - NOT USED
 - EJ TYPE "B" - BACKER ROD (CLOSED CELL) & SEALANT
 - EJ TYPE "C" - NOT USED
 - EJ TYPE "D" - NOT USED
 - EJ TYPE "E" - NOT USED
 - EJ TYPE "F" - S&A5 EVAPORATE BY (PROVIDE URETHANE SEALANT TOPPING 1/4" MINIMUM AT EVAPORATE BY CONDITIONS) TO PROTECT AGAINST REBAR AND TO PROVIDE CONSISTENT & UNIFORM APPEARANCE. CONTRACTOR TO VERIFY JOINT WIDTHS PRIOR TO BID.
- KEY NOTES:**
1. REMOVE EXISTING COATING THIS AREA PRIOR TO APPLICATION OF WATERPROOF COATING SYSTEM ALONG ENTIRE BOTTOM SOUL. TURN NEW COATING UP 4" AT END WALLS AND FRONT WALL (TYPICAL).
 2. EXPOSED STEEL WELD PLATE AND/OR CLIP. CLEAN PRITE AND COAT PER COATING MANUFACTURER'S WRITTEN INSTRUCTIONS. APPROPRIATELY ONE PER TREAD. COAT ENTIRE PLATE/CLIP. SEE PHOTO 1. CONTRACTOR IS TO ASSURE 25 SIMILAR CLIP CONDITIONS.
 3. REMOVE SECTION OF CRACKED/LOOSE TOPPING MATERIAL FROM TREAD. CLEAN AND PROVIDE BONDING AGENT PRIOR TO RE-TOPPING USING WATERPROOFING MANUFACTURER'S RECOMMENDED PRODUCT. REPAIR WORKS TO LOOK PROFESSIONAL AND NON-SLIP. CONTRACTOR IS TO INCLUDE REPAIR OF 5 SIMILAR CONDITIONS. COVER IF FIELD WITH ARCHITECT. (SEE PHOTO 2).
 4. REMOVE EXISTING COATING & LOOSE PARTICLES. PREPARE SURFACES & SEAL FINE PERIMETER (BOTH ENDS) PRIOR TO WATERPROOFING COATING. (SEE PHOTO 3).
 5. THE SEQUENCING OF SEATING REMOVAL, STACKING LOCATION AND REINSTALLATION MUST BE COORDINATED BY ALL PARTIES. IT IS UNDERSTOOD THAT WATERPROOFING EFFORTS MAY START AT EACH END AND PROCEED TOWARD THE CENTER. THE CONTRACTOR MUST INCLUDE THE CONSTRUCTION SCHEDULE WITH THE BID.
 6. THE CONTRACTOR IS TO INCLUDE THE SEATING REMOVAL IN HIS PROJECT SCHEDULE. THE SEATING CONTRACTOR 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.
 7. HYDROBLAST WILL BE ALLOWED WITH A MAXIMUM PRESSURE OF 500 PSI. THE CONTRACTOR WILL BE REQUIRED TO USE EXTREME CAUTION AND DILIGENTLY SEEN 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 BRACES CAUSED BY THE CONTRACTOR WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE AT THE OWNER'S DISCRETION.
 8. ALL TEMPORARY FACILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 9. 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 AND BLOWN TO AS TO LITTER UP ADJACENT AREAS OF THE STADIUM.
 10. 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.
 11. THE CONTRACTOR IS RESPONSIBLE FOR ALL LIFE SAFETY METHODS & PRACTICES.
 12. ALL CONTROL JOINT AND EXPANSION JOINT REPLACEMENT MUST INCLUDE THE ENTIRE JOINT SYSTEM AND MUST BE INSTALLED IN COMPLIANCE WITH JOINT SYSTEM MANUFACTURER AND WATERPROOFING DECK COATING 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 SHOWN WILL VARY.

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COLUMBIA, SOUTH CAROLINA

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