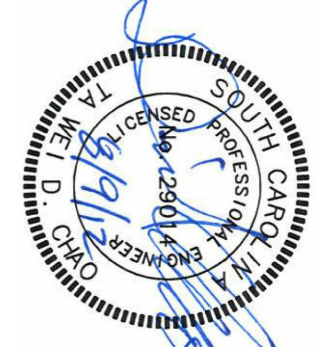
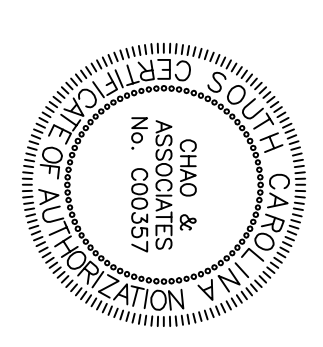


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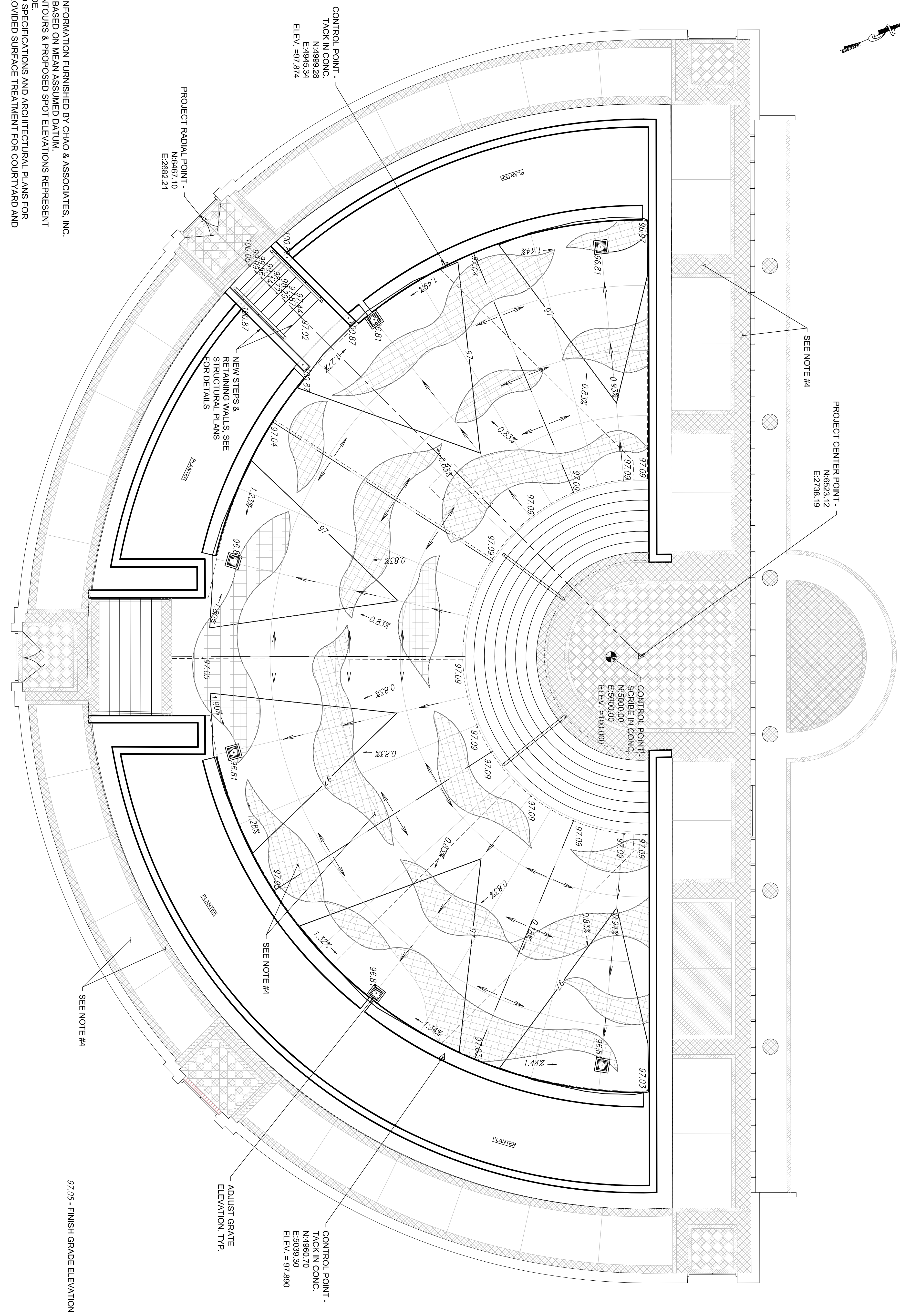
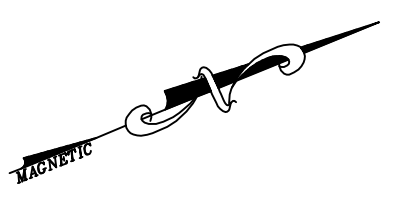
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 7 Clusters Court
 Columbia, SC 29210
 Voice: (803) 772-8420
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Existing Conditions & Demolition Plan
USC Swearingen Courtyard
OSE Project Number (H27-N273-CA)
 Prepared for: USC Facilities
 Columbia, South Carolina

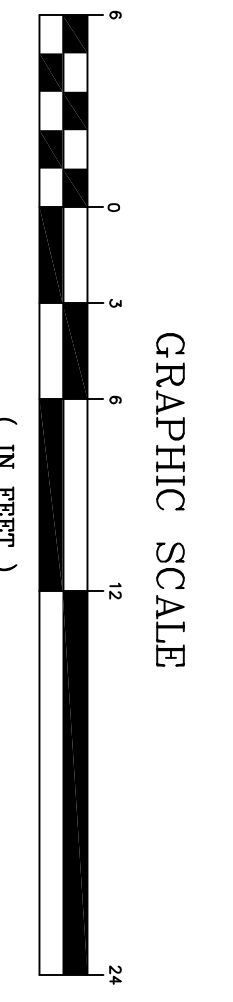
Drawn: TKS	Checked: FR
Revised:	
File: 392233B.dwg	Project No.: 392233B

C1.0
 Sheet Number
 08/09/12
 Date



- NOTES:
1. TOPOGRAPHIC INFORMATION FURNISHED BY CHAO & ASSOCIATES, INC.
 2. BENCHMARK IS BASED ON MEAN ASSUMED DATUM.
 3. PROPOSED CONTOURS & PROPOSED SPOT ELEVATIONS REPRESENT FINISHED GRADE.
 4. SEE ATTACHED SPECIFICATIONS AND ARCHITECTURAL PLANS FOR DETAILS ON PROVIDED SURFACE TREATMENT FOR COURTYARD AND WALKWAY.

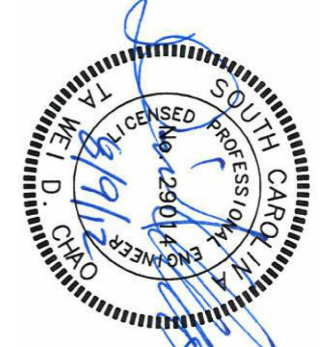
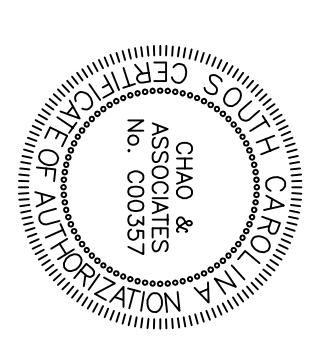
3 DAYS BEFORE DIGGING IN
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Palmetto Utility Protection Service



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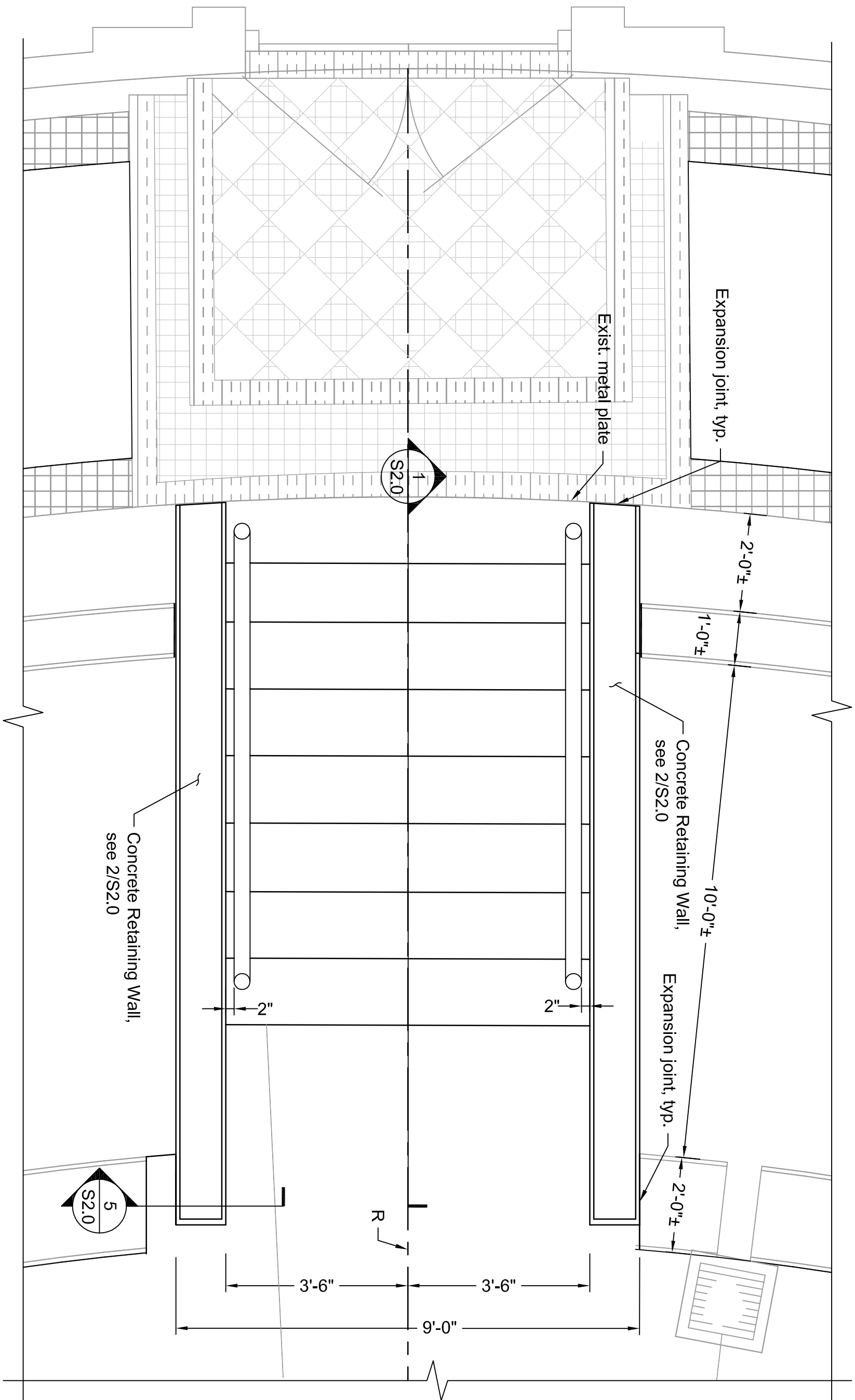


Site Grading Plan
USC Swearingen Courtyard
OSE Project Number (H27-N273-CA)
Prepared for: USC Facilities
Columbia, South Carolina

Drawn: TKS	Checked: FR
Revised:	
File: 392233B.dwg	Project No.: 392233B

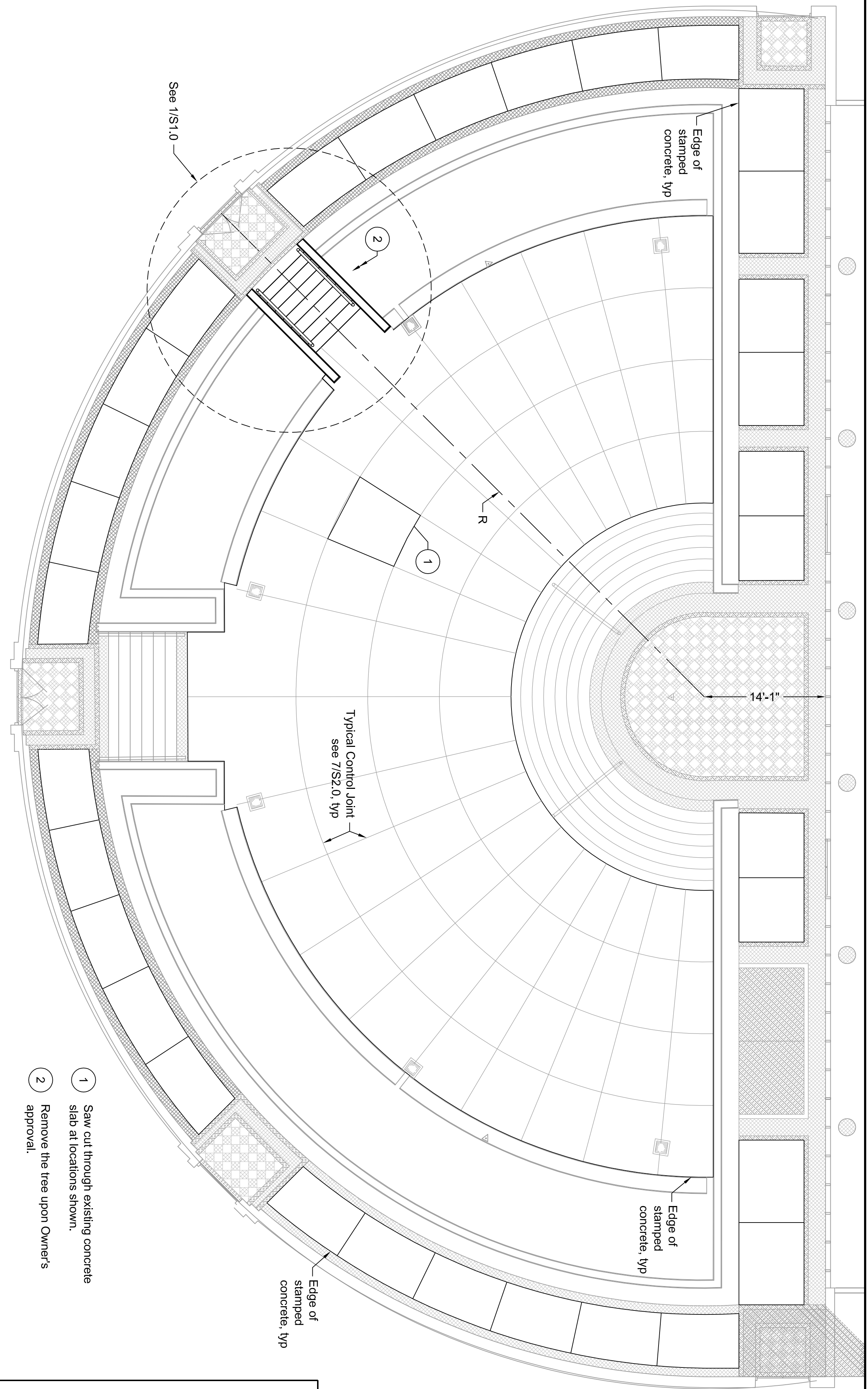
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Sheet Number
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Date

1 - Concrete Stair Layout Plan



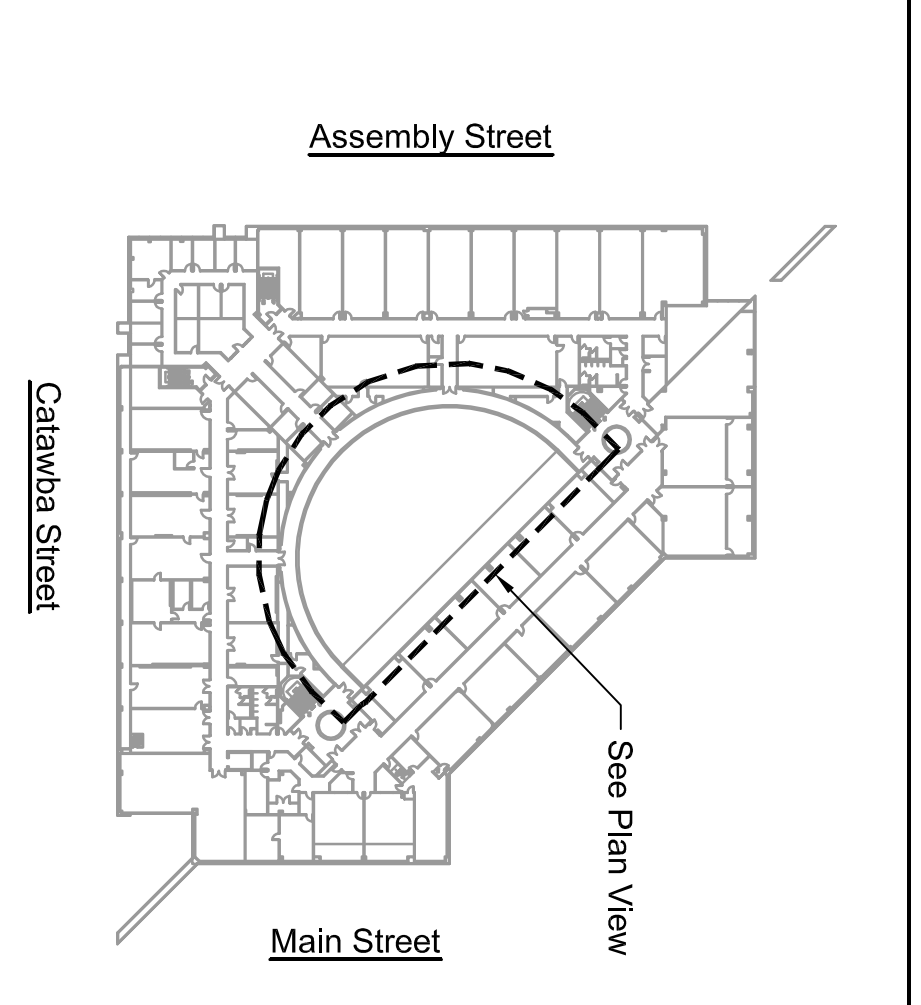
Scale: 1/2" = 1'-0"

Plan View
Scale: 1/8" = 1'-0"



- 1 Saw cut through existing concrete slab at locations shown.
- 2 Remove the tree upon Owners approval.

Key Plan



General Notes:

1. Design Specifications: International Building Code (2009 Edition).
2. Fill shall be compacted to 95% standard proctor maximum dry density (ASTM D698).
3. The construction falsework design (if required) is the responsibility of the Contractor. The design shall be performed by a Registered Engineer and shall be submitted for approval before commencing of the work.
4. Where a detail is shown on Structural Drawings for one condition, it shall apply to all similar or like conditions, unless noted or shown otherwise on plans.
5. The dimensions shown with "±" are approximate and shall be field verified by the Contractor before fabrication and ordering materials.
6. If the Contractor finds a difference between these drawings & existing conditions, or finds any other conditions which prohibit execution of the work as directed in these drawings, the Contractor shall notify the Engineer immediately.
7. The Contractor shall employ a laboratory to perform the quality assurance, sampling, testing and/or inspection at his expense. Final selection of such laboratory shall be approved by the Engineer.
8. Any revision/modification to the original design during the shop drawing process, the Contractor shall clearly cloud line all the changes and shall receive approval from the Engineer in writing before fabrication. Any costs associated with correcting the unapproved change shall be at the Contractor's expense.

Concrete:

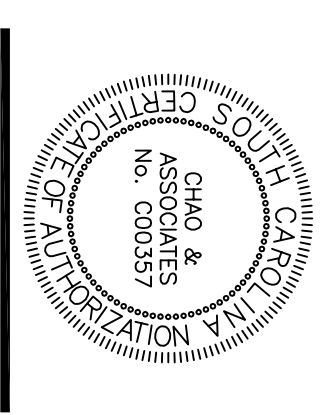
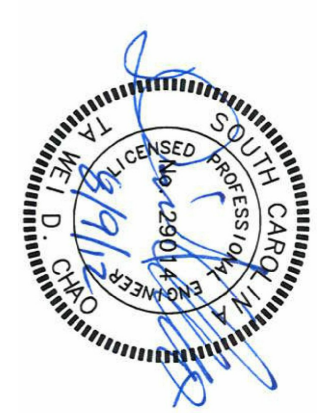
1. Concrete, concrete minimum compressive strength at 28 days shall be 4,000 PSI.
2. Chamfer all exposed edges, 3/4" unless noted otherwise.
3. Reinforcement: all mild reinforcement bar shall be A615 grade 60 steel. All welded wire fabric shall conform to ASTM A185, grade 65. All welded wire fabric shall be in sheets and shall be supported on chairs.
4. Bending dimensions & tolerances for reinforcing bar shall conform to current CRSI Manual of Standard Practice.
5. Lap splices shall conform to the current CRSI Manual of Standard Practice unless otherwise noted.
6. Horizontal construction joints to be scrubbed with a coarse wire brush at the approximate time of initial set to remove all laitance and to produce a roughened surface.
7. Concrete work shall comply with ACI "Specifications for Structural Concrete" (ACI 301-05) and applicable provisions of ACI 318-05. Keep a copy of ACI Field Reference Manual/ACI SP-15-05 (which includes ACI 301 and other ACI and ASTM references on the job.
8. Detailing, fabricating, and placing of reinforcing steel and accessories shall be in accordance with ACI "Details and Detailing of Concrete Reinforcement" (ACI 315-99) and shall comply with (ACI 318-05) and with (ACI 301-05).
9. The contractor shall select the testing laboratory & employ the laboratory at the contractor's expense to perform concrete strength testing per ACI 318-05. Final selection of testing laboratory shall be approved by engineer.

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Drawn: MAB Checked: T.L.
Revised:

File: 392233S.dwg Project No.: 392233B-12

USC Swearingen Courtyard
Concrete Wall & Steps
OSE Project Number (H27-N273-CA)
Prepared for: USC Facilities
Columbia, SC



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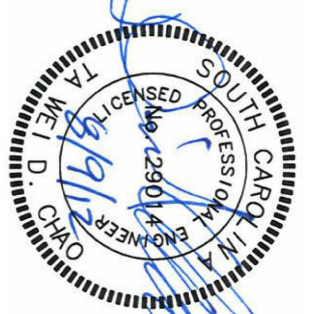
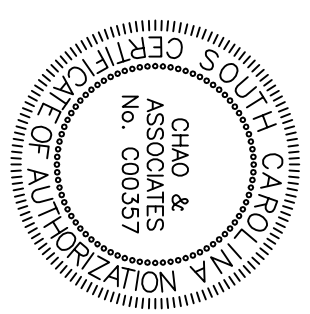


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<p>1 - Section</p> <p>Scale: 3/4" = 1'-0"</p>	<p>2 - Retaining Wall</p> <p>Scale: 1/2" = 1'-0"</p>
<p>3 - Section</p> <p>Scale: 3/4" = 1'-0"</p>	<p>4 - Section</p> <p>Scale: 1-1/2" = 1'-0"</p>
<p>7 - Control Joint Detail</p> <p>Scale: 1-1/2" = 1'-0"</p>	<p>5 - Section</p> <p>Scale: 3/4" = 1'-0"</p>
<p>6 - Expansion Joint Detail (typ.)</p> <p>Scale: 3/4" = 1'-0"</p>	



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**USC Swearingen Courtyard
 Concrete Wall & Steps
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