

NOTE:
IT IS CONTRACTORS RESPONSIBILITY TO VERIFY THAT
THEY AND THEIR SUBCONTRACTORS HAVE THE
CORRECT/MOST UP-TO-DATE PLANS AVAILABLE.



UNIVERSITY OF
SOUTH CAROLINA

SITE CONSTRUCTION DRAWINGS FOR

UNIVERSITY OF SOUTH CAROLINA

HODGE DRIVE TRAFFIC IMPROVEMENTS

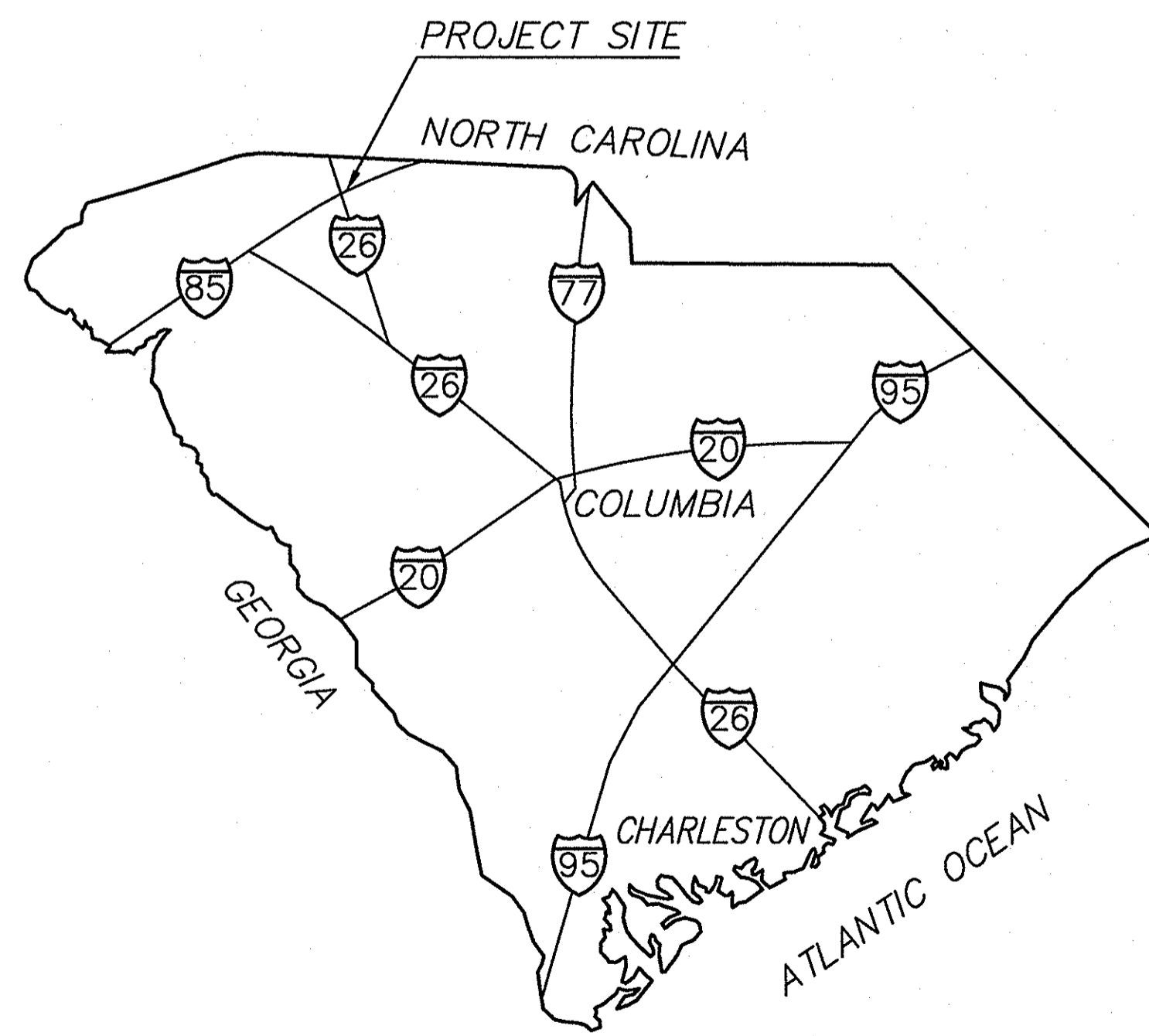
CP00369917 / FM00417546

PREPARED FOR:

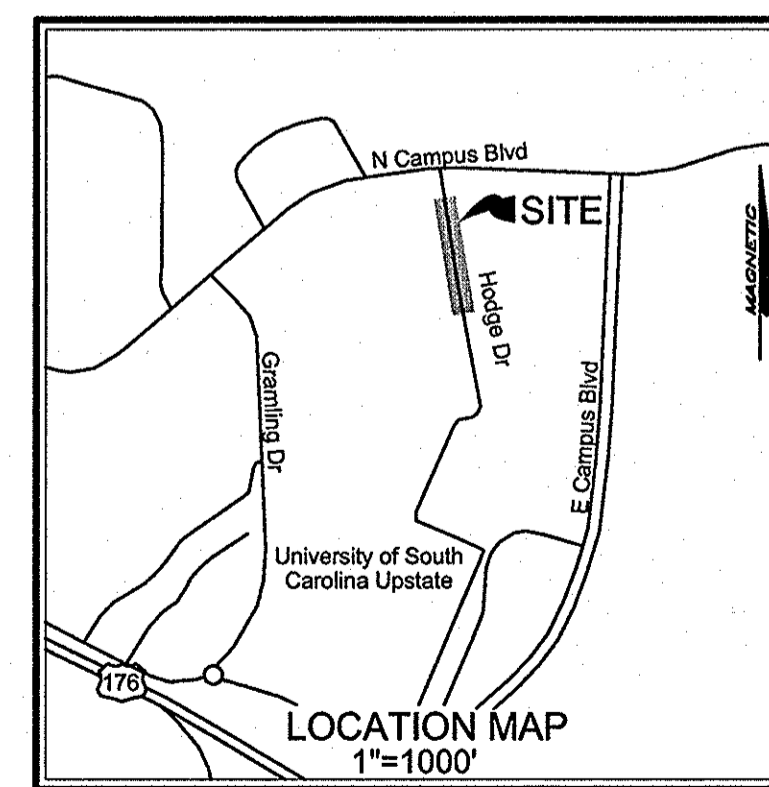
UNIVERSITY OF SOUTH CAROLINA
FACILITIES DESIGN AND CONSTRUCTION
743 GREENE STREET
COLUMBIA, SOUTH CAROLINA 29208
803.777.3126

SHEET INDEX:

C1	COVER AND INDEX SHEET
C2	EXISTING CONDITIONS/DEMOLITION PLAN
C3	SITE PLAN
C4	DETAIL SHEET



STATE OF SOUTH CAROLINA MAP
NOT TO SCALE

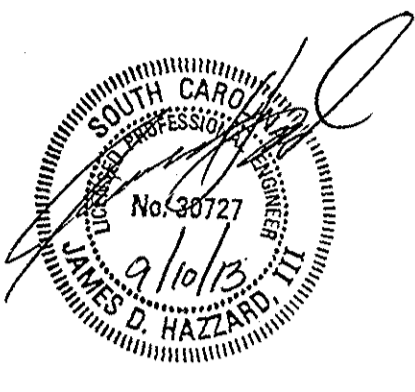


NOTE TO CONTRACTOR:
CONTRACTOR SHALL NOTIFY PUPS, METROPOLITAN
WATER DISTRICT (864-503-0822) AND USC UPSTATE
FACILITIES MANAGEMENT (864-503-5500) A MINIMUM
THREE (3) DAYS PRIOR TO DIGGING.

The Palmetto Utility Protection Service, Inc.
811
South Carolina 811
Call 811 Before you Dig
3 DAYS BEFORE DIGGING IN SOUTH CAROLINA
CALL 811
CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY
10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.

NOTE:
INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF
EXISTING UNDERGROUND UTILITIES AND STRUCTURES WAS OBTAINED FROM LOCAL UTILITY
COMPANIES AND AVAILABLE DRAWINGS SUPPLIED BY THE OWNER AND IS SHOWN HEREON. THERE
IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT
LIGHT BY THOSE USING THIS DRAWING. HOWEVER, COX AND DINKINS, INC. HAS NO NOTICE OR
KNOWLEDGE OF ANY FACTS THAT WOULD LEAD US TO CONCLUDE THAT THE INFORMATION IS NOT
ACCURATE. BUT UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER,
HIS EMPLOYEES, HIS CONSULTANTS, HIS ASSIGNS AND HIS CONTRACTORS SHALL HEREBY
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MEASUREMENTS AND OBSERVATIONS, AND IS SHOWN HEREON.

COX AND DINKINS
ENGINEERS - SURVEYORS
COX AND DINKINS, INC.
724 BELTLINE BLVD.
COLUMBIA, SC 29205
803-254-0518
Fax: 803-765-0993
Email: cdinc@coxanddinkins.com



REGISTERED PROFESSIONAL ENGINEER
NO. 30727



CERTIFICATE OF AUTHORIZATION SEAL

REVISIONS	DESCRIPTION	DATE	NO.

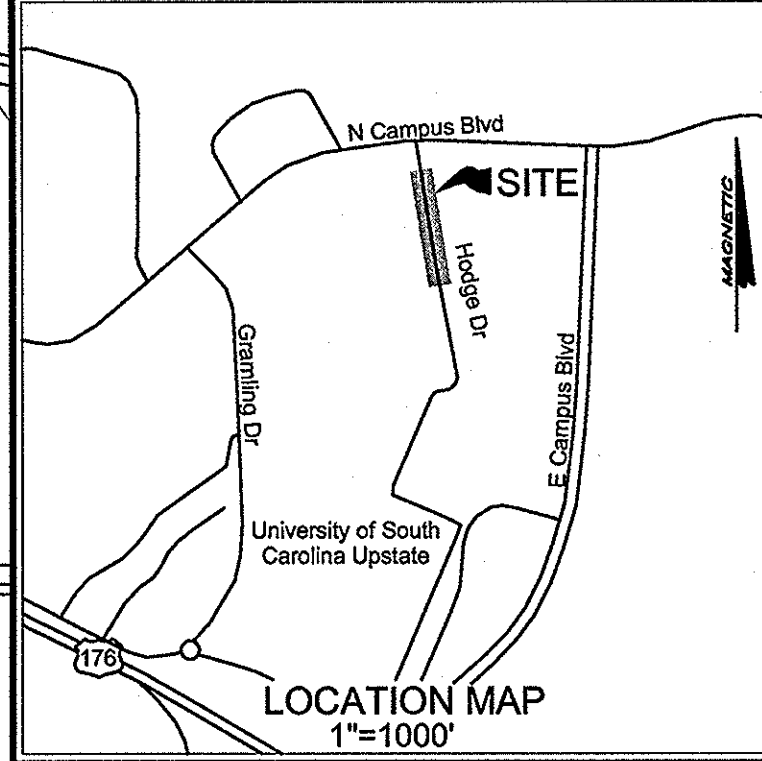
DEVELOPER:
UNIVERSITY OF SOUTH CAROLINA
Ann G. Derrick
Facilities Design and Construction
743 Greene Street
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BID SET
UNIVERSITY OF SOUTH CAROLINA UPSTATE
HODGE DRIVE TRAFFIC IMPROVEMENTS
CP00369917 / FM00417546
LOCATED IN SPARTANBURG
SPARTANBURG COUNTY, SOUTH CAROLINA
COVER AND INDEX SHEET

TMS	6-08-00-010.01	SF NO.	N/A
BOOK	BK Y58, PG 24	PROJECT NO.	1701
DATE	9/10/2013	SHEET NO.	C1 of 4

NOTE: AREA SOUTH OF THIS LINE DEPICTED AS PER CAMPUS BASE MAP. NO SURVEY PERFORMED IN THE AREA. ALL IMPROVEMENTS SHOWN IN APPROXIMATE LOCATION.

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No. 30727

James D. Hazzard
No. 30727

CERTIFICATE OF AUTHORIZATION SEAL

COX AND DINKINS, INC.
No. C00294

REVISIONS	DESCRIPTION	DATE	No.

DEVELOPER:

UNIVERSITY OF SOUTH CAROLINA
Ann G. Derrick
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743 Greene Street
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CODED DEMOLITION NOTES:

- 1 HATCHED PORTION OF EXISTING CURB AND GUTTER TO BE SAWCUT AND REMOVED.
- 2 HATCHED PORTION OF EXISTING SIDEWALK TO BE SAWCUT AND REMOVED.
- 3 EXISTING ASPHALT AND BASE TO BE REMOVED. ALL DEMOLISHED ITEMS TO BE DISPOSED OF AS PER THE DEMOLITION NOTES.
- 4 EXISTING ONE-WAY TRAFFIC CONTROL PAVEMENT MARKINGS (STOP BAR, LINES, ARROWS) TO BE REMOVED IN ORDER TO CONVERT HODGE DRIVE TO TWO-WAY TRAFFIC FLOW. EXISTING PARALLEL PARKING SPACE MARKINGS TO BE REMOVED. COORDINATE WITH SITE PLAN FOR NEW PAVEMENT MARKINGS ON HODGE DRIVE.
- 5 EXISTING PARKING GATE, CONTROL BOX, BRICK VENEER AND ALL ASSOCIATED ELECTRICAL APPURTENANCES TO BE RELOCATED. COORDINATE NEW LOCATION WITH SITE PLAN AND OBTAIN OWNER APPROVAL PRIOR TO FINAL PLACEMENT.
- 6 SAWCUT EXISTING ASPHALT PAVEMENT, STONE BASE AS INDICATED IN ORDER TO ACCOMMODATE NEW CURB AND GUTTER (COORDINATE WITH SITE PLAN). CONTRACTOR SHALL EXERCISE CAUTION WHEN DEMOLISHING EXISTING PAVEMENT IN ORDER TO PRESERVE EXISTING PAVEMENT TO REMAIN.
- 7 8' WIDE MILLED 2" DEEP TAPERED BUTT JOINT. ALL MILLINGS SHALL BE HAULED AND DUMPED AT A LOCATION ON CAMPUS (COORDINATE WITH OWNER PRIOR TO BEGINNING WORK). SEE ALTERNATE NOTES BELOW.
- 8 HALF LANE MILL SHALL BE 2" DEEP AT CURB TAPERED TO 0" AT CENTER OF EXISTING TRAVEL LANE. SEE ALTERNATE NOTES BELOW.

ALTERNATE NOTES: THERE ARE TWO ADD ALTERNATES.

- 1) BASE BID IS TO CAREFULLY SAW CUT OUT THE ISLAND LOCATION AND CONSTRUCT CURBED ISLAND AT THE EXISTING PAVEMENT GRADE. BASE BID ALSO INCLUDES THE WIDENING AS SHOWN ON SHEET C3 WITH THE FINAL PAVEMENT GRADE OF THE WIDENED SECTION MATCHING EXISTING PAVEMENT GRADE.
- 2) ADD ALTERNATE NO. 1 IS TO CUT OUT ISLAND LOCATION, CONSTRUCT CURBED ISLAND, MILL AND OVERLAY AS SHOWN. THE ISLAND WILL BE 2" ABOVE THE EXISTING PAVEMENT GRADE DUE TO THE OVERLAY IF THIS ALTERNATE IS ACCEPTED. THE WIDENED SECTION FINAL GRADE SHALL MATCH THE OVERLAY GRADE IF THIS ALTERNATE IS ACCEPTED.
- 3) ADD ALTERNATE NO. 2 IS DESCRIBED IN CODED SITE NOTE NO. 16 ON SHEET C3 AND INVOLVES USING STAMPED CONCRETE WITHIN THE ISLAND.

DEMOLITION NOTES:

- 1) THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS TO BE DEMOLISHED AND REMOVED FROM THE SITE. THE VERIFICATION PROCESS SHALL INCLUDE VISITING AND WALKING THE SITE. ALL ITEMS REQUIRING DEMOLITION/REMOVAL, WHETHER SHOWN ON THIS PLAN OR NOT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 2) ALL EXISTING CONCRETE TO BE REMOVED SHALL BE DISPOSED OF OFF-CAMPUS PROPERTY BY THE CONTRACTOR ACCORDING TO APPLICABLE CODES. ALL MILLINGS SHALL BE HAULED AND DUMPED AT A LOCATION ON CAMPUS.
- 3) SAW CUT, REMOVE AND DISCARD (PROPERLY OFF CAMPUS) SIDEWALK, CURB AND GUTTER, AND TO CREATE A STRAIGHT CONSTRUCTION JOINT.
- 4) IF ANY HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND APPROPRIATE AGENCIES FOR PROPER REMOVAL AND DISPOSAL.
- 5) DEMOLITION SHALL MEET ALL APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPLICABLE PERMITS.
- 6) ALL DEMOLITION MATERIAL SHALL BE DISPOSED OF OFF-CAMPUS PROPERTY BY THE CONTRACTOR UNLESS OTHERWISE NOTED.

GENERAL NOTES:

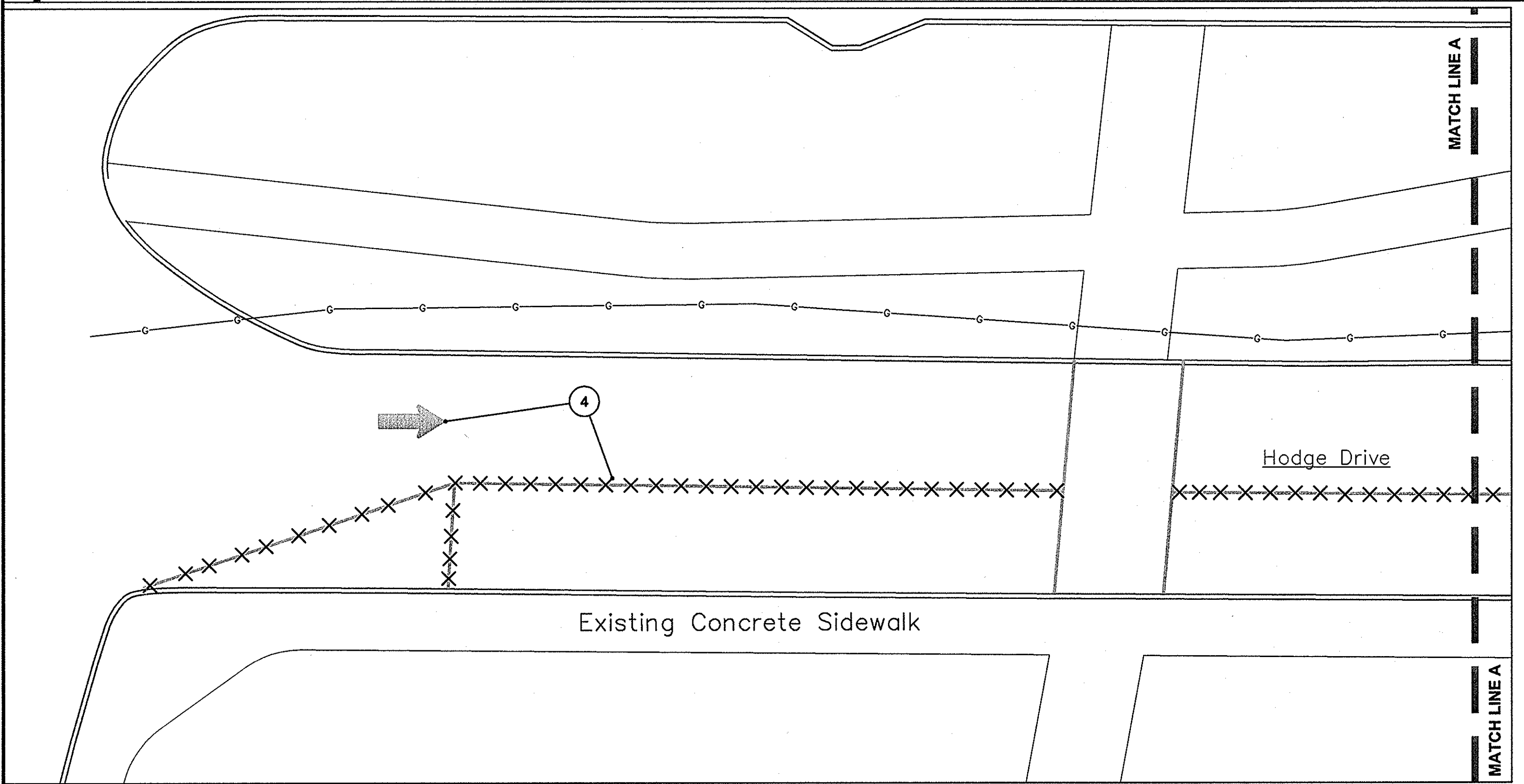
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- 6) ALL DISTURBED AREAS SHALL BE GRASSED TO CAMPUS STANDARD.
- 7) 4" OF TOP SOIL SHALL BE PLACED OVER ALL GRADED AREAS PRIOR TO GRASSING.
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REFERENCES:

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- 2) BASE MAP PROVIDED BY UNIVERSITY OF SOUTH CAROLINA.
- 3) GOOGLE MAPS AERIAL PHOTOS.



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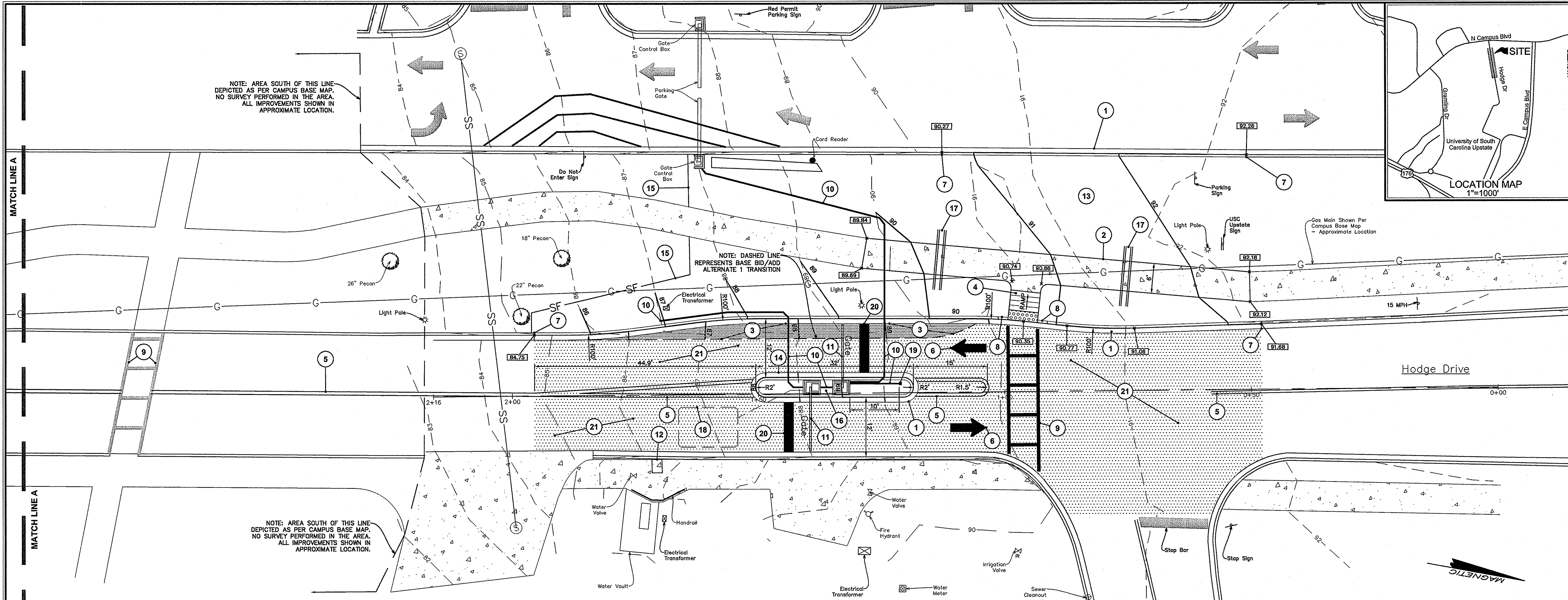
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BID SET

UNIVERSITY OF SOUTH CAROLINA UPSTATE
HODGE DRIVE TRAFFIC IMPROVEMENTS
CP00369917 / FM00417546
LOCATED IN SPARTANBURG
SPARTANBURG COUNTY, SOUTH CAROLINA

TMS	6-08-00-010-01	BOOK	BK Y58, PG 24	SF NO.	N/A
PROJECT NO.	1701	SHEET NO.	C2 of 4		
DATE	9/10/2013				

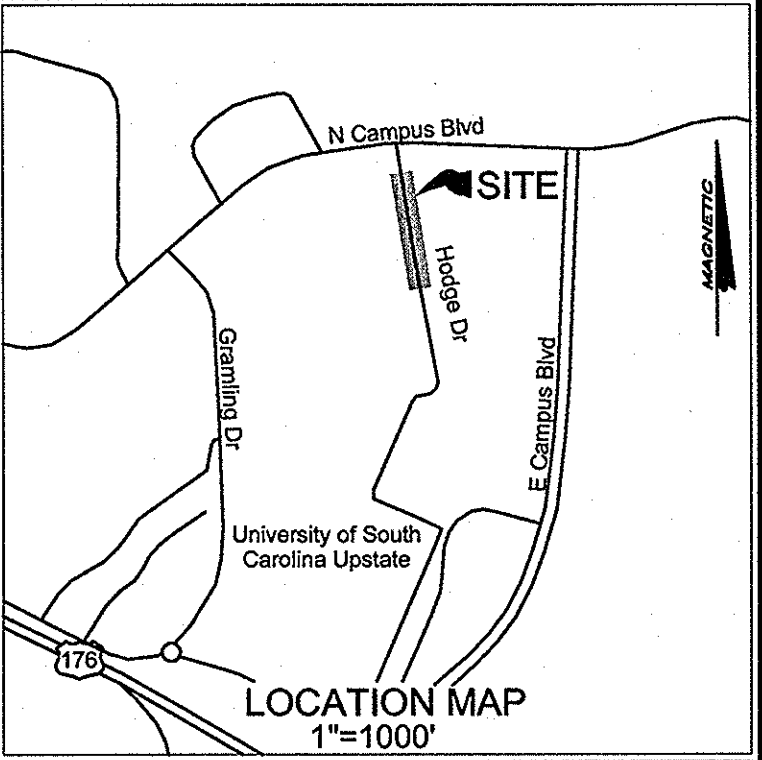
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NOTE: DASHED LINE REPRESENTS BASE BID/ADD ALTERNATE 1 TRANSITION

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REGISTERED PROFESSIONAL ENGINEER
No. 30727

COX AND DINKINS, INC.
No. C00294
SOUTH CAROLINA
STATE BOARD OF PROFESSIONAL ENGINEERS
JAMES D. HAZZARD, III
9/10/13

CERTIFICATE OF AUTHORIZATION SEAL
UNIVERSITY OF SOUTH CAROLINA
Ann G. Derrick
Facilities Design and Construction
743 Greene Street
Columbia, SC 29208
803.777.3126

REVISIONS	DESCRIPTION
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SPARTANBURG COUNTY, SOUTH CAROLINA
SITE PLAN

TMS	6-08-00-010-01
BOOK	BK Y58, PG 24
PROJECT NO.	1701
DATE	9/10/2013
SHEET NO.	C3 of 4

CODED SITE NOTES:

- 1 NEW 18" CONCRETE "L" TYPE CURB AND GUTTER. GATE ISLAND CURB AND GUTTER SHALL BE EXPULSION TYPE. CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT 12.0' O.C. INSTALL EXPANSION JOINTS AT 36' O.C. (TYPICAL) (SEE DETAIL). SEAL ALL EXPANSION JOINTS.
- 2 NEW 4" THICK 3500 PSI CONCRETE SIDEWALK (SEE DETAILS) (WIDTH OF WALK IS 6' UNLESS OTHERWISE NOTED). CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT 6.0' O.C. AND AT BENDS IN THE CONCRETE. INSTALL EXPANSION JOINTS AT 30' O.C. AND AT JUNCTIONS BETWEEN WALKS. MAXIMUM CROSS SLOPE = 2.0% (TYPICAL) (SEE DETAILS). SEAL ALL EXPANSION JOINTS. ALL SIDEWALKS TO BE ADA AND MUTCD COMPLIANT.
- 3 STANDARD DUTY ASPHALT PAVEMENT FOR BASE BID. SECTION IS 6" G.A.B.C. AND 2" SCOTD TYPE C ASPHALT SURFACE COURSE (SEE DETAILS) (TYPICAL). ENTIRE AREA TO BE SWEEPED CLEAN PRIOR TO PAVING.
- 4 ACCESSIBLE RAMP (SEE DETAIL) (TYPICAL). INSTALL DETECTABLE WARNING SURFACE. MAXIMUM LANDING AREA SLOPE IS 2% MAXIMUM RISE IN 6' RAMP IS 6".
- 5 4" WIDE PAINTED SOLID DOUBLE YELLOW CENTERLINE. (TYP.) (SEE STRIPING NOTES)
- 6 PAINTED WHITE TRAFFIC DIRECTIONAL FLOW ARROW (SEE DETAILS) (SEE STRIPING NOTES) (TYPICAL)
- 7 TIE PROPOSED CURB AND GUTTER TO EXISTING.
- 8 FEATHER CURB AT ACCESSIBLE RAMP. (TYP.) (SEE DETAILS)
- 9 RESTRIPE CROSSWALK AS PER CAMPUS STANDARD. (TYP.)
- 10 PROPOSED 1" PVC CONDUIT FOR TRAFFIC GATE TO BE INSTALLED VIA OPEN CUT IN NON-PAVEMENT AREAS. DIRECTIONAL BORE CONDUIT UNDERNEATH PAVEMENT AREAS. ROUTE TO BE COORDINATED WITH THE OWNER. ALL CONDUIT SHALL BE SCHEDULE 40 ELECTRICAL GRADE BURIED MINIMUM 18" DEEP AND TURNED UP INTO NEW GATES TO MATCH EXISTING. ALL CONDUITS SHALL HAVE SWEEPING 30° BENDS.
- 11 RELOCATE EXISTING TRAFFIC GATE AS PER NOTES TO CONTRACTOR.
- 12 PATCH EXISTING SIDEWALK WHERE EXISTING GATE WAS REMOVED. MATCH EXISTING SIDEWALK.
- 13 AREA WHERE EXISTING ASPHALT PAVEMENT HAS BEEN REMOVED SHALL BE FILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS WITH ENGINEERED FILL TO WITHIN 4" OF FINISHED GRADE. FINAL 4" INCHES SHALL BE FILLED WITH TOP SOIL.
- 14 INSTALL EXPANSION JOINT AT CURB/ASPHALT JUNCTION AROUND ENTIRE GATE ISLAND.
- 15 SILT FENCE. (TYP.) (SEE DETAIL)
- 16 TRAFFIC ISLAND AREA TO BE COMPRISED OF 4" THICK 3500 PSI CONCRETE FOR BASE BID. ADD ALTERNATE NO. 2 IS FOR STAMPED CONCRETE FINISHED AS PER CAMPUS STANDARD. COORDINATE WITH OWNER FOR FINAL APPROVAL.
- 17 CONTRACTOR SHALL INSTALL TWO (2) 4" SCHEDULE 40 PVC SLEEVES BENEATH NEW CONCRETE SIDEWALK AS INDICATED. MARK NEW SIDEWALK WITH ANGLE GRINDER TO SHOW SLEEVE LOCATIONS.
- 18 CONTRACTOR SHALL INSTALL NEW GATE SAFETY/EGRESS LOOP IN ASPHALT. CONTRACTOR SHALL CONNECT LOOP TO NEW GATE OPERATOR LOCATION.
- 19 NEW GATE CARD READER/PEDESTAL BY OTHERS VIA SEPARATE CONTRACT. CONTRACTOR SHALL PROVIDE 1" CONDUIT TO PROPOSED LOCATION AND STUB UP FOR FUTURE USE.
- 20 NEW STOP BAR PAINTED WHITE WITH GLASS BEADS AS PER NOTES REGARDING PAVEMENT STRIPING.
- 21 ADD ALTERNATE NO. 1 IS TO PARTIALLY MILL AND OVERLAY THE HATCHED AREA SHOWN. OVERLAY SHALL CONSIST OF 2" SCOTD TYPE C SURFACE COURSE (SCOTD SECTION 403) AND SHALL BE INSTALLED ONLY AFTER PRIME COAT HAS BEEN APPLIED. SEE ALTERNATE NOTES ON SHEET C2 FOR MORE INFORMATION.

GENERAL NOTE PERTAINING TO GATES:

- 1) CONTRACTOR SHALL ASSUME EXISTING TRAFFIC CONTROL. GATES CAN BE REUSED AND RELOCATED. CONTRACTOR SHALL BRICK UP THE GATE LOCATION EXTERIOR TO MATCH EXISTING AND INSTALL FOOTINGS, WIRING, CONTROLS, ETC. TO MATCH EXISTING, EXCEPT AS DENOTED BELOW. COORDINATE WITH OWNER FOR CONDUIT AND OTHER DETAILS.
- 2) CONTRACTOR SHALL ENLARGE BRICK VENEER ON NEW GATES TO PROVIDE 8" CLEARANCE BETWEEN NEW BRICK STRUCTURE AND THE ARM SIDE OF THE GATE.
- 3) CONTRACTOR SHALL PROVIDE 8" THICK CONCRETE FOOTINGS FOR EACH RELOCATED GATE.

NOTES REGARDING PAVEMENT STRIPING:

- 1) ALL PAVEMENT STRIPING SHOWN SHALL BE PERFORMED BY THE CONTRACTOR USING REFLECTIVE WHITE TRAFFIC MARKING PAINT UNLESS NOTED OTHERWISE BELOW. PAINT SHALL BE SHERWIN-WILLIAMS "PRO-MAR" TRAFFIC MARKING PAINT OR GLIDDEN TRAFFIC (OR APPROVED EQUAL MEETING SCOTD STANDARDS) PAINT AND SHALL BE FOUR INCHES WIDE APPLIED IN TWO COATS AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- 2) ITEMS TO BE PAINTED WHITE INCLUDE: STOP BARS, DIRECTIONAL ARROWS, SKIP LINES, STRIPED AREAS AND CROSSWALKS. STOP BARS SHALL INCORPORATE GLASS BEADS.
- 3) ITEMS TO BE PAINTED YELLOW INCLUDE: ROAD CENTERLINE LANE STRIPING.

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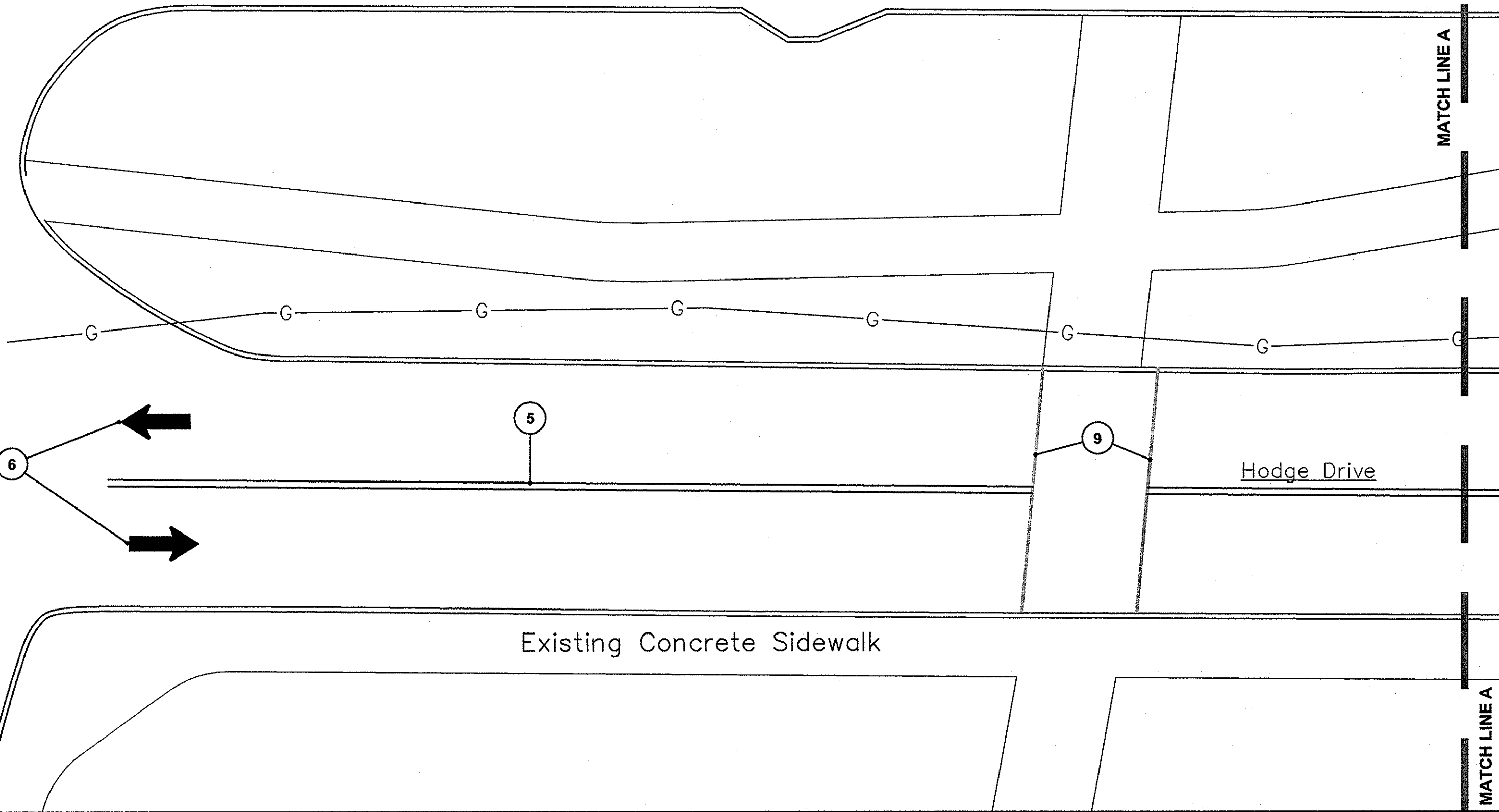
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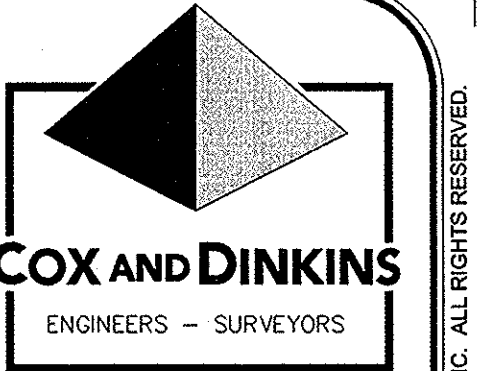
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INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES WAS OBTAINED FROM LOCAL UTILITY COMPANIES AND AVAILABLE DRAWINGS SUPPLIED BY THE OWNER AND IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. HOWEVER, COX AND DINKINS, INC. HAS NO NOTICE OR KNOWLEDGE OF ANY FACTS THAT WOULD LEAD US TO CONCLUDE THAT THE INFORMATION IS NOT ACCURATE. BUT UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS ASSIGNS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY UNDERSTAND THAT COX AND DINKINS, INC. IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THE UNDERGROUND INFORMATION. INFORMATION WITH RESPECT TO ABOVE GROUND MONUMENTS OF SUCH UTILITIES IS BASED UPON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS, AND IS SHOWN HEREON.

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COX AND DINKINS, INC.
724 BELTLINE BLVD.
COLUMBIA, SC 29205
803-254-0518
Fax: 803-765-0993
Email: cdinc@coxanddinkins.com



REGISTERED PROFESSIONAL ENGINEER
No. 30727



CERTIFICATE OF AUTHORIZATION SEAL

REVISIONS	DESCRIPTION	DATE	NO.

DEVELOPER:
UNIVERSITY OF SOUTH CAROLINA
Ann G. Derrick
Facilities Design and Construction
743 Greene Street
Columbia, SC 29208
803.777.3126

South Carolina Department of
Health and Environmental Control
SILT FENCE
SC-03 Page 1 of 2

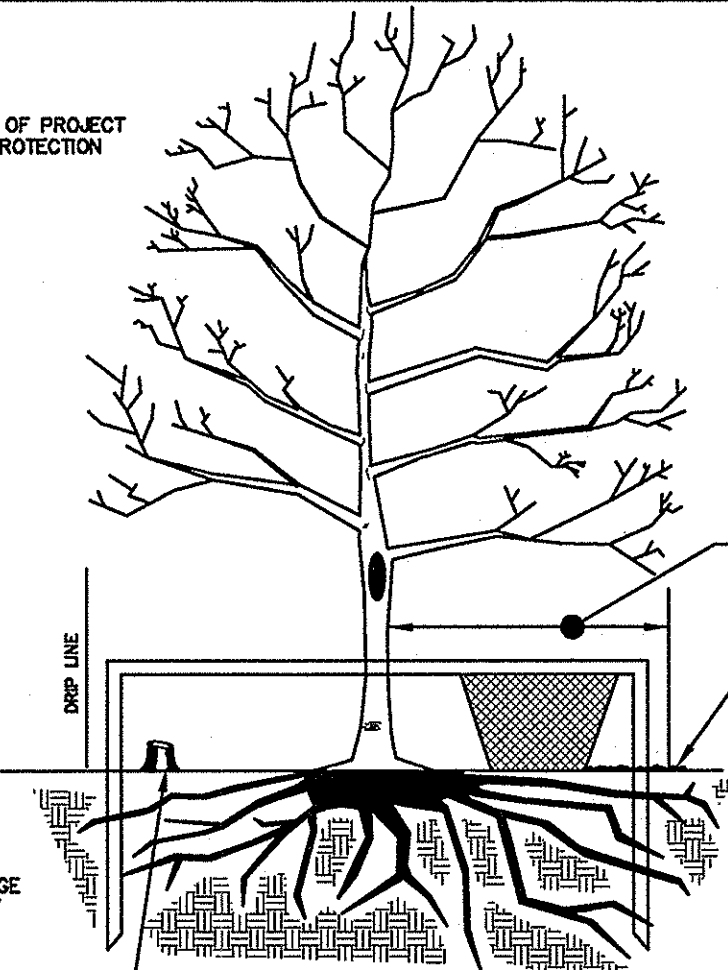
BID SET
UNIVERSITY OF SOUTH CAROLINA UPSTATE
HODGE DRIVE TRAFFIC IMPROVEMENTS
CP00369917 / FM00417546
LOCATED IN SPARTANBURG
SPARTANBURG COUNTY, SOUTH CAROLINA
DETAIL SHEET

TMS 6-08-00-010.01
BOOK BK Y58, PG 24 SF NO. N/A
PROJECT NO. 1701 SHEET NO. C4 of 4
DATE 9/10/2013

NOTES:
REMOVE ALL BARRIERS UPON COMPLETION OF PROJECT
SEE PLANS FOR LOCATION OF ALL TREE PROTECTION
FENCES

SEE APPROVED TREE
PRESERVATION PLAN
FOR REQUIRED
RADIUS OF TREE
BARRIER

PLAN VIEW OF ROOT ZONE



ONE FOOT FOR EACH
INCH OF TRUNK DIAMETER
OR 1/2 HEIGHT OF TREE
WHICHEVER IS GREATER,
6" MINIMUM WIDTH FOR 2"
COL. TREES OR SMALLER.

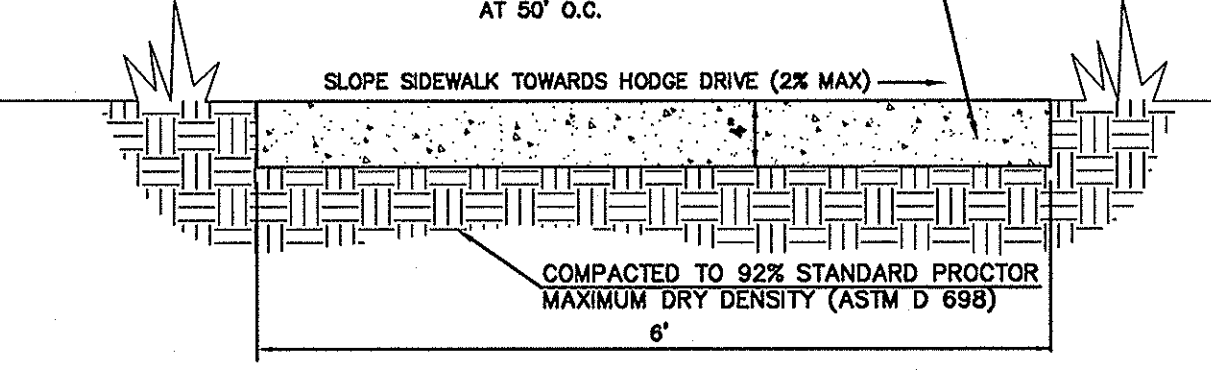
8" BARK MULCH, PLACE
BARK MULCH AT AREAS
NOT PROTECTED BY
BARRIER

2x4" STANDARDS +
1x4" RAILS OR ORANGE
SAFETY FENCING MAY
BE USED.

DEAD TREES AND SCRUB OF
UNDERGROWTH SHALL BE CUT
FLUSH WITH ADJACENT GRADE. NO
CRUISING ALLOWED UNDER DRIP
LINE

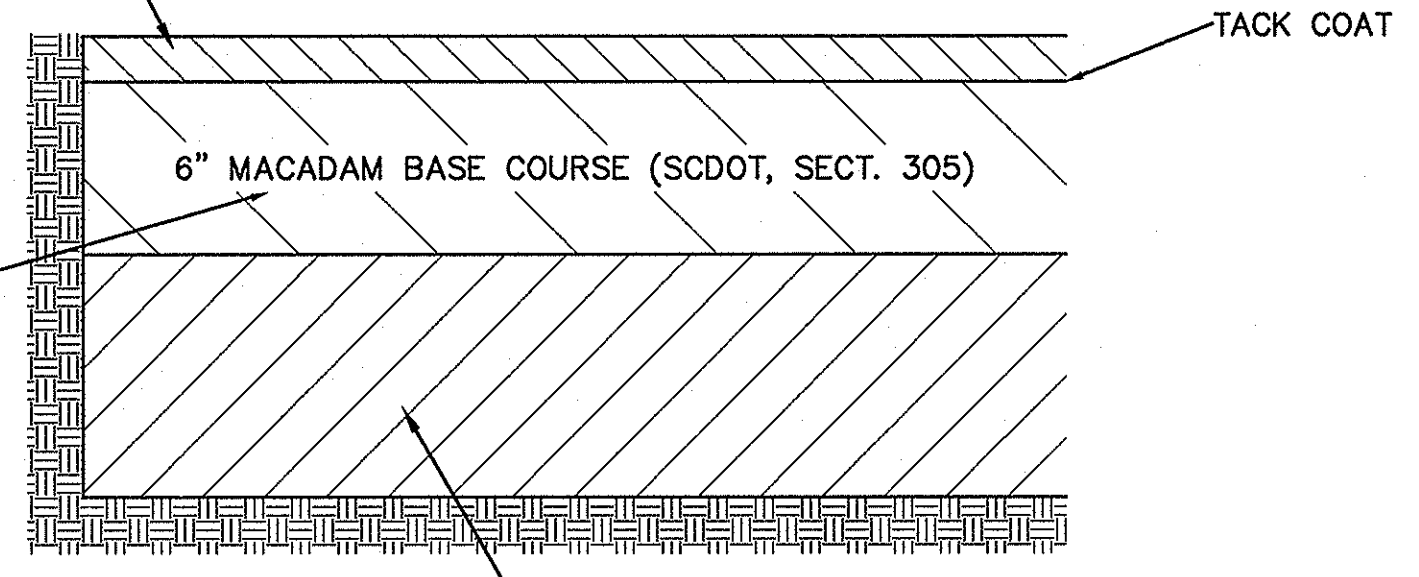
TREE PROTECTION DETAIL
NTS

4" CONCRETE SIDEWALK
(MINIMUM STRENGTH 3500 PSI)
INSTALL CONTRACTION JOINTS AT
6' O.C. AND EXPANSION JOINTS
AT 50' O.C.



CONCRETE SIDEWALK DETAIL
NTS

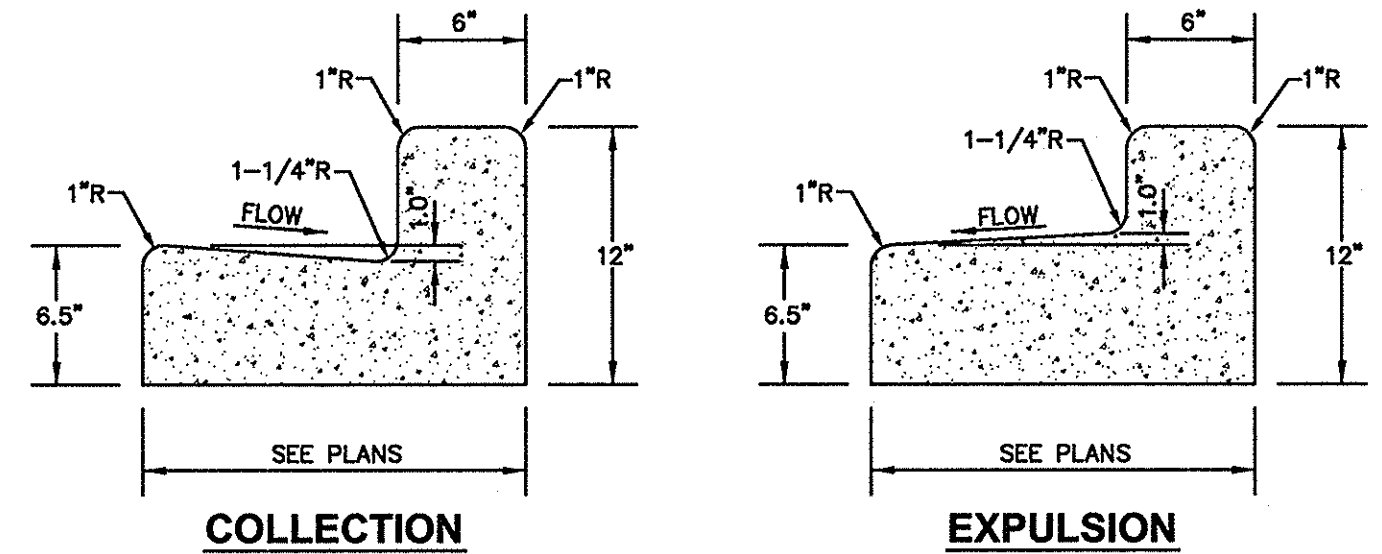
2" ASPHALTIC CONCRETE SURFACE COURSE
TYPE C (SCDOT, SECT. 403)



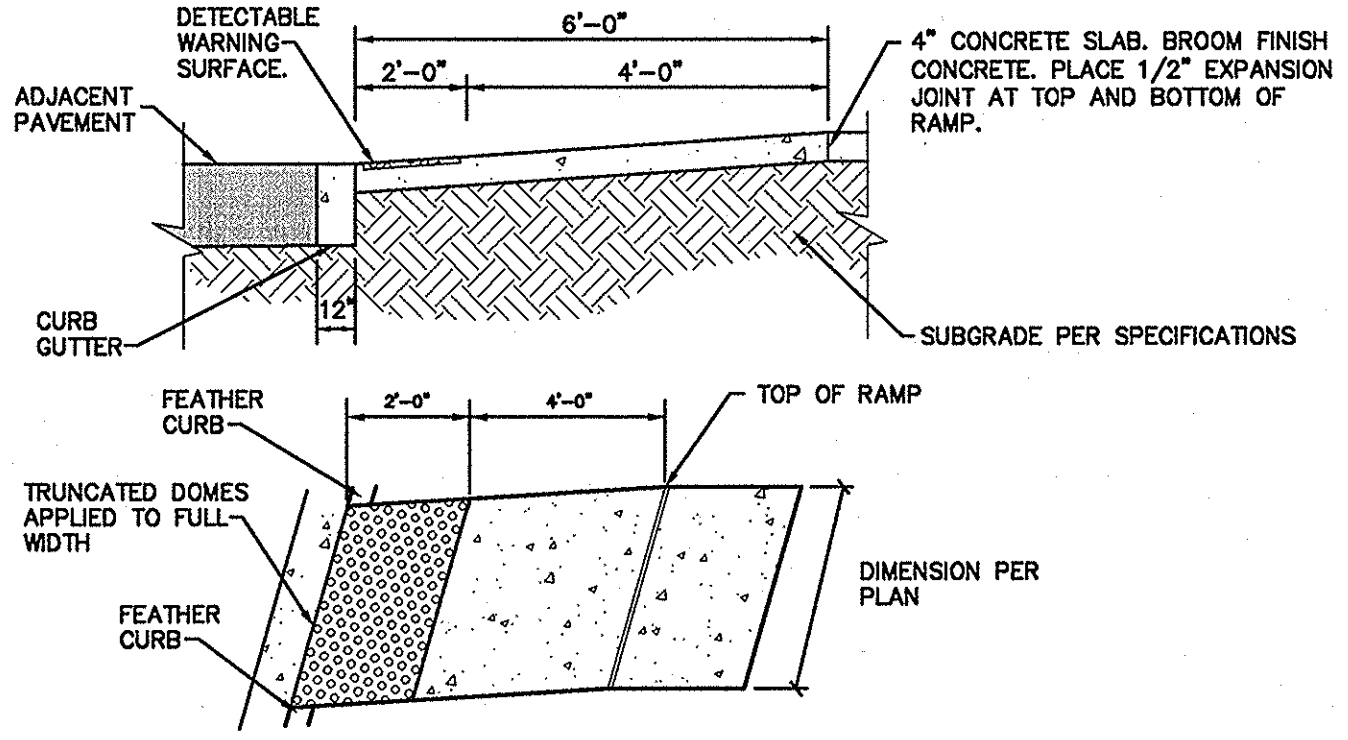
6" SCDOT SECTION 305 GRADED
AGGREGATE BASE COURSE
(COMPACTED TO 100% ASTM
D-1557)

12" COMPACTED SUBBASE
(98% OF STANDARD PROCTOR, ASTM D698),
±2% OF OPTIMUM MOISTURE CONTENT

STANDARD DUTY ASPHALT PAVEMENT SECTION
NTS

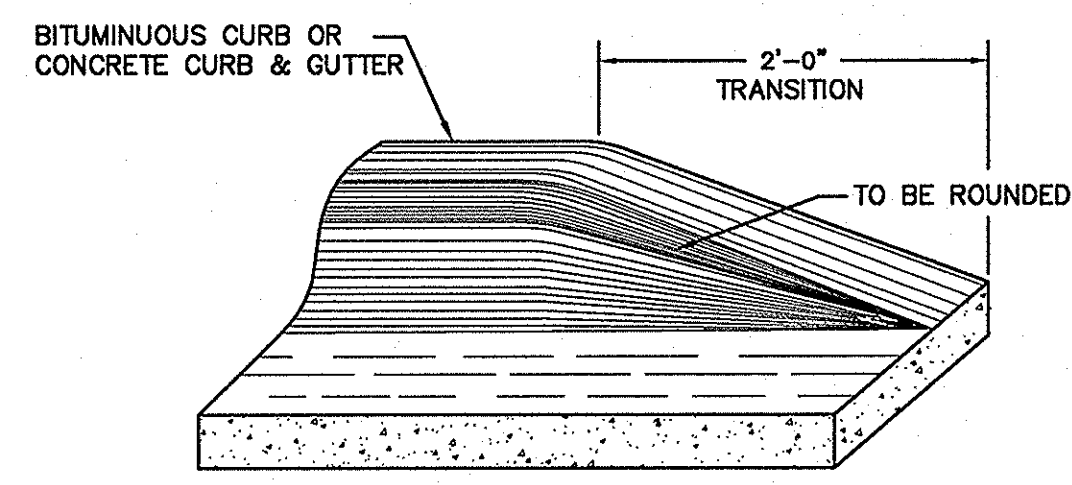


"L" TYPE CURB AND GUTTER
NTS
MIN. CONCRETE STRENGTH = 3500 P.S.I.

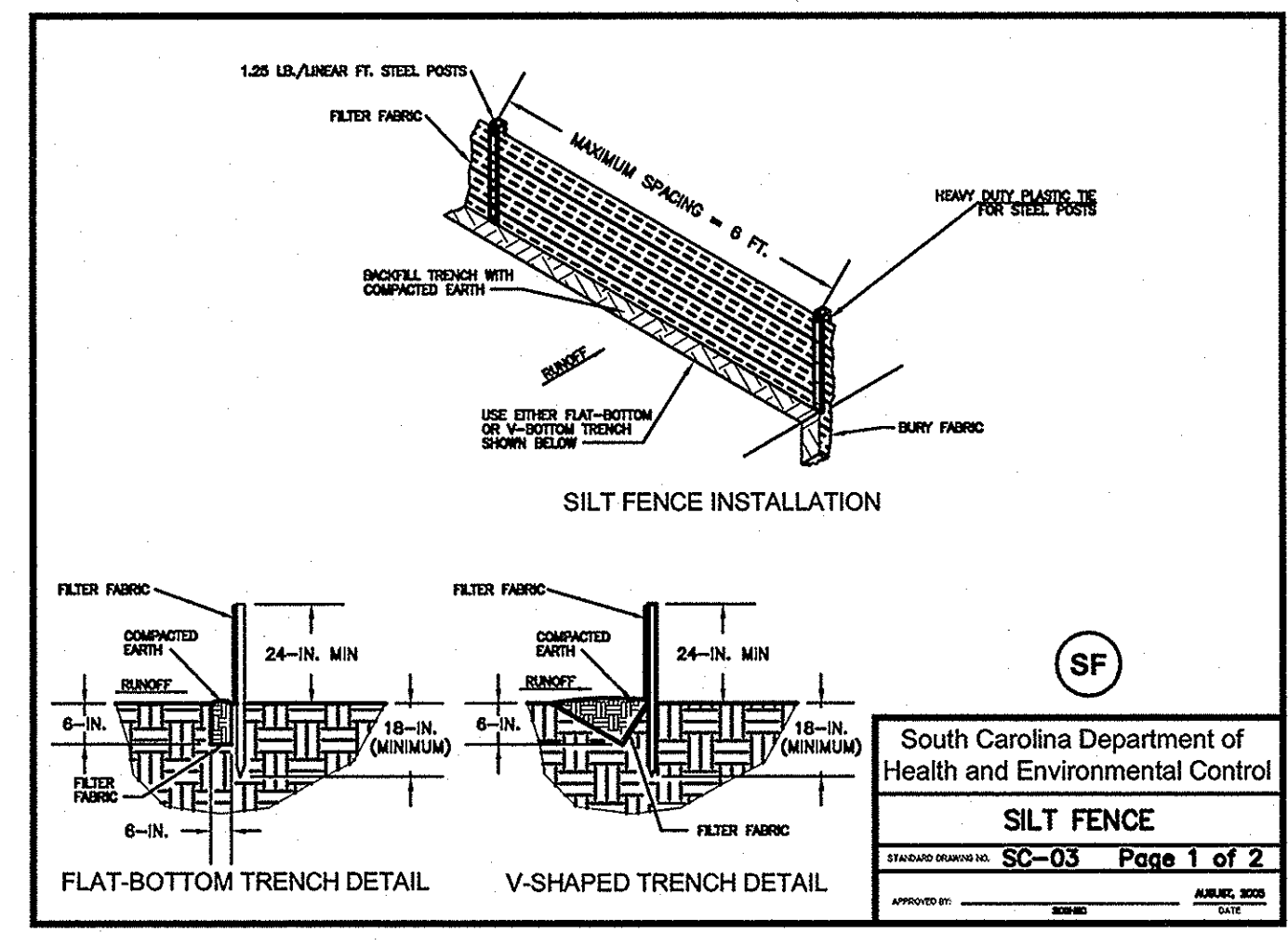


NOTES:
1. PER FEDERAL REGULATION 28 CFR PART 36, RAMP TO HAVE
MAXIMUM RUNNING SLOPE OF 1:12 AND MAXIMUM CROSS SLOPE OF
1:50 IN AS-BUILT CONDITION. SEE GRADING PLAN FOR DESIGN SLOPE
AND SPOT ELEVATIONS.
2. CONTRACTOR SHALL VERIFY AND USE CAMPUS STANDARD PRIOR TO
CONSTRUCTION.

ACCESSIBLE CURB RAMP
NTS



FEATHERING CURB AND
GUTTER DETAIL
NTS



PERMANENT GRASSING:

PERMANENT GRASS PLANTINGS BY SEASON WITH THE
REQUIRED AMOUNTS OF FERTILIZER AND LIMESTONE PER 1,000 SQUARE FEET.

FROM MAY 1 - AUGUST 31

- 1 LB. BROWN TOP MILLET
- 2 LBS. HULLED BERMUUDA
- 25 LBS. 10-10-10 FERTILIZER
- 75 LBS. LIMESTONE

- OR
- 1 LB. BROWN TOP MILLET
 - 1 LB. HULLED BERMUUDA
 - 2 LB. BAHIA GRASS
 - 25 LBS. 10-10-10 FERTILIZER
 - 75 LBS. LIMESTONE

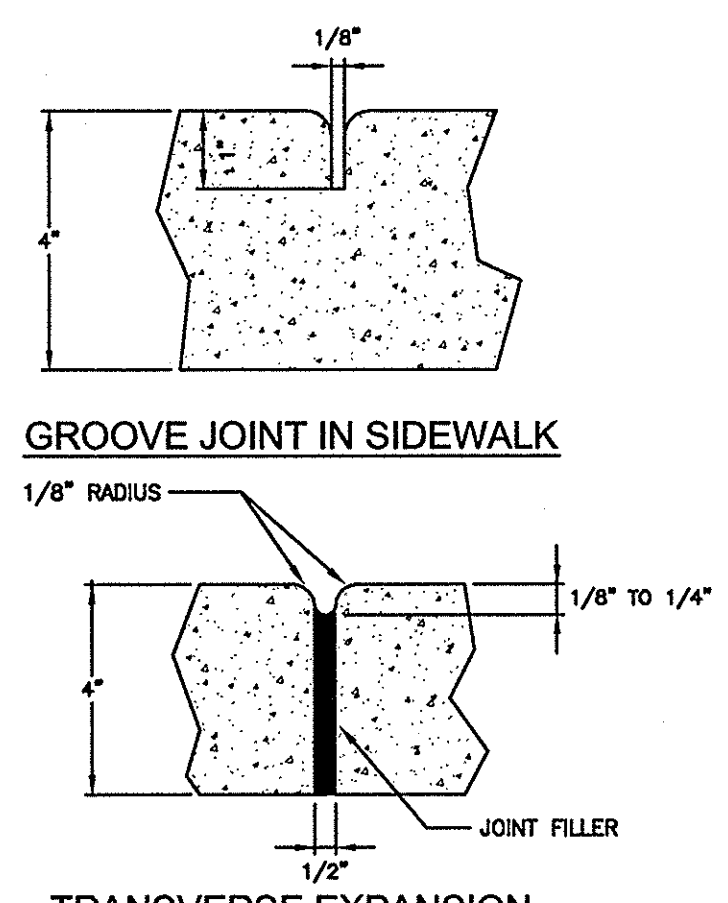
- OR
- DEEP SANDY SOILS
 - 2 LBS. BROWN TOP MILLET
 - *3 LBS. BAHIA GRASS
 - 25 LBS. 10-10-10 FERTILIZER
 - 75 LBS. LIMESTONE

*BAHIA GRASS IS A GOOD EROSION CONTROL GRASS. HOWEVER IT PRODUCES
MANY SEED HEADS WHICH SCATTER TO OTHER AREAS. BAHIA GRASS IS HARD
TO MOW. HOWEVER IT DOES NOT REQUIRE THE CARE THAT OTHER GRASSES
REQUIRE. AROUND OFFICE BUILDINGS AND WITHIN SUBDIVISIONS USE 4 TO 6
OZS. CENTIPED GRASS IN LIEU OF BAHIA GRASS OR IN COMBINATION WITH
BERMUUDA GRASS.

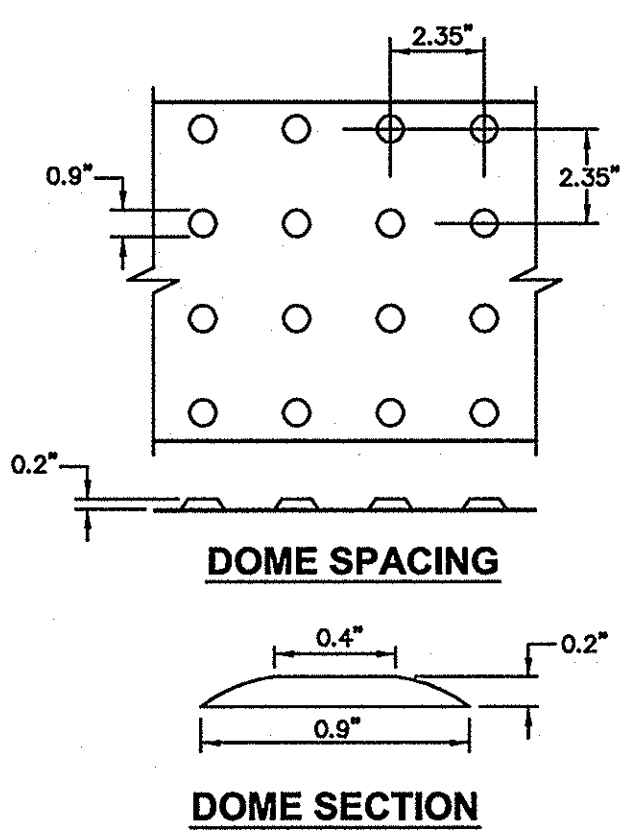
**FOR SOILS WITH CLAY SUBSOIL. DO NOT PLANT IN SANDY SOILS.

ALL VEGETATED SWALES AND DITCHES WITH SIDE SLOPES (CUT OR FILL)
STEEPER THAN 2:1 ADD 4 TO 6 QUINCES/1,000 SQUARE FEET OF WEeping
LOVE GRASS SEED TO ANY OF THE ABOVE MIXTURES. SWALE AND DITCH
BOTTOMS SHOULD BE DOUBLE SEEDED. ALSO ALL SIDE SLOPES STEEPER
THAN 2:1 SHALL BE HYDRASEEDED. GROWTH OF RYE GRASS IN EARLY
SPRING MUST BE SUPPRESSED TO PREVENT RYE FROM CHOKING OUT
PERMANENT GRASS SUCH AS BERMUUDA, BAHIA OR FESCUE.

NOTE: CONTRACTOR SHALL VERIFY AND USE CAMPUS STANDARD
PRIOR TO INSTALLATION.



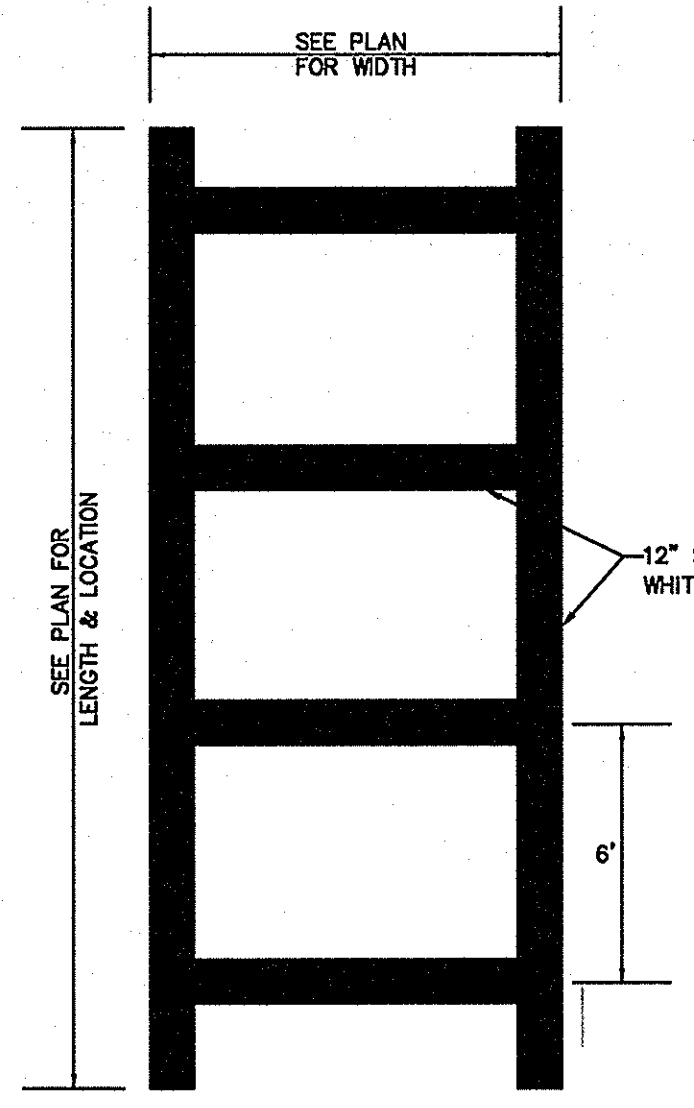
TRANSVERSE EXPANSION
JOINT IN SIDEWALK
NTS



DETECTABLE WARNING DOME
NTS

NOTE: DETECTABLE WARNING SURFACE SHALL
CONTRAST VISUALLY WITH THE ADJACENT SURFACE,
AND SHALL BE INTEGRAL TO THE WALKING SURFACE.
DETECTABLE SURFACES SHALL DIFFER FROM ADJACENT
SURFACES IN RESILIENCY OR SOUND-ON-CANE
CONTACT.

FOR ADDITIONAL INFORMATION ON ADA DETECTABLE
WARNING DOME, CONTRACTOR CAN REFER TO THE
FOLLOWING WEB SITE FOR MANUFACTURERS
INFORMATION:
www.accessforblind.org/dw_manufacturers.html



CROSSWALK DETAIL
NTS

- GENERAL NOTES:**
- A GROOVE JOINT 1" DEEP WITH 1/8" RADI SHALL BE REQUIRED
IN THE CONCRETE SIDEWALK AT 6' INTERVALS. ONE 1/2"
EXPANSION JOINT WILL BE REQUIRED AT 30' INTERVALS NOT TO
EXCEED 50' AND MATCHING EXPANSION/CONSTRUCTION JOINT IN
ADJACENT CURB. A SEALED 1/2" EXPANSION JOINT WILL BE
REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
 - CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 PSI. IN 28 DAYS.

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