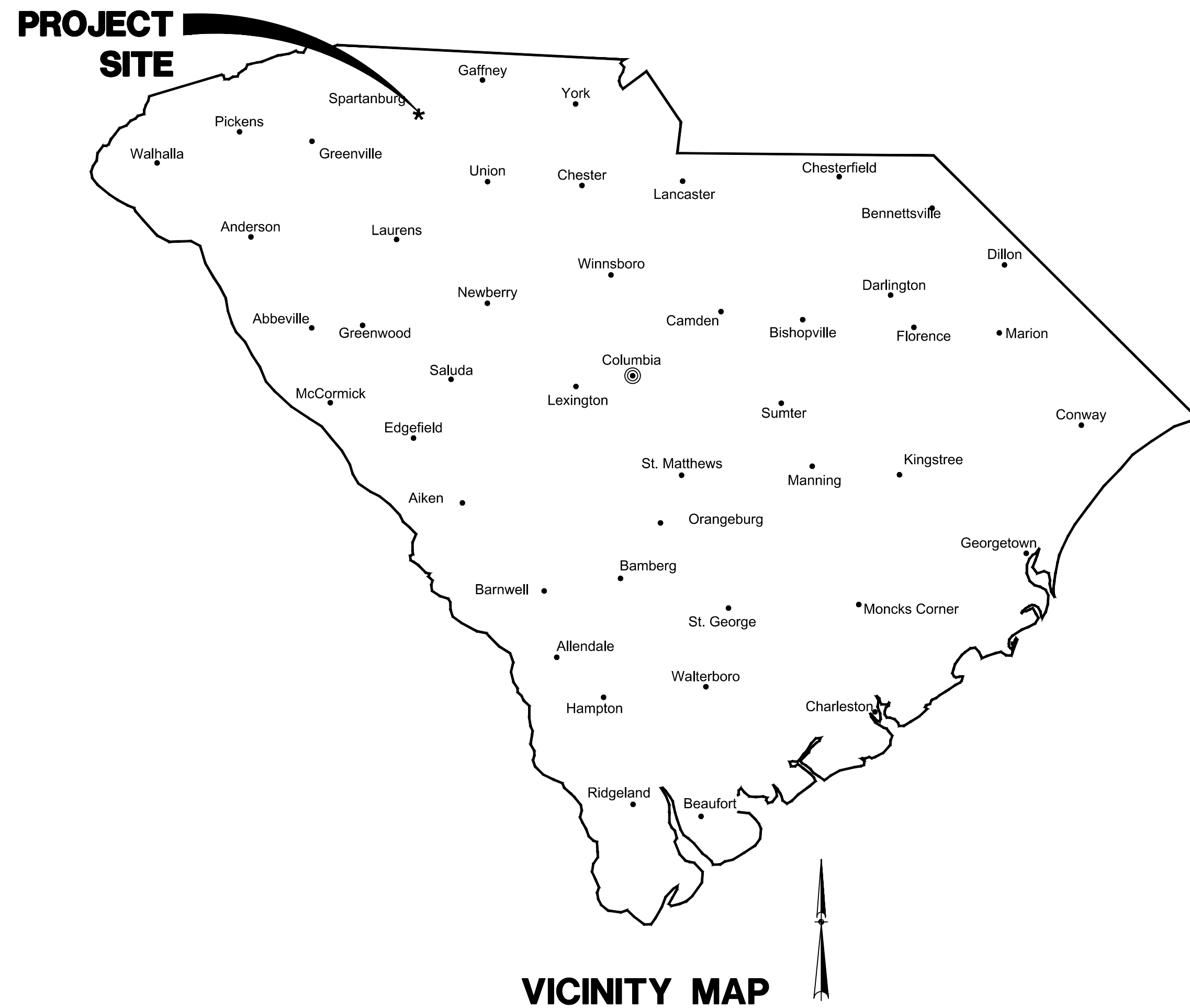


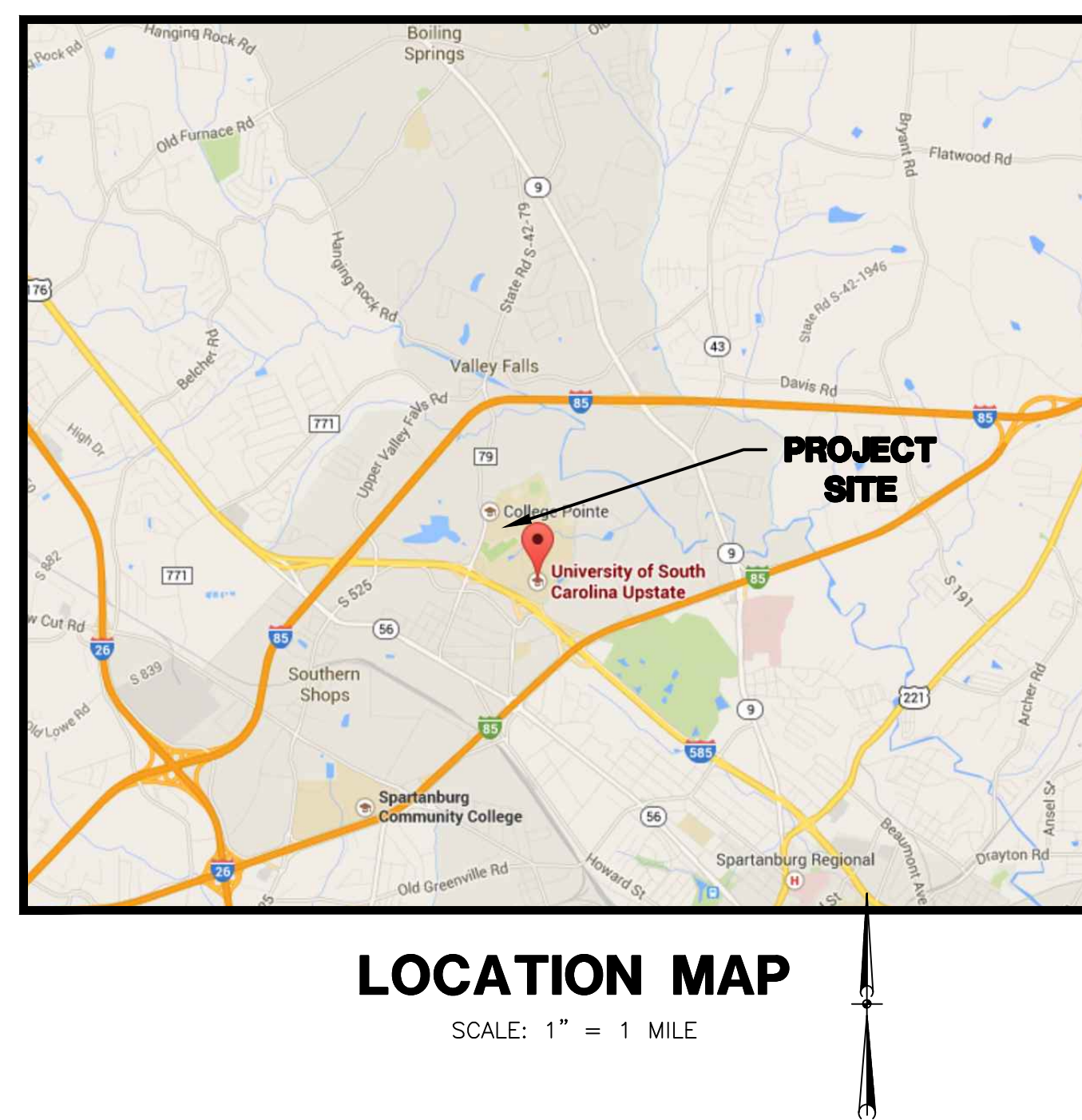
N:\PROJECTS\4443772_USC_UPSTATE FACILITIES PARKING REPAIR\DRAWINGS\SHEETS\08-24-2015_9:48:41 AM
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USC UPSTATE FACILITIES PARKING LOT REPAIR

PREPARED FOR

UNIVERSITY OF SOUTH CAROLINA SPARTANBURG, SOUTH CAROLINA



SHEET INDEX

<u>SHEET</u>	<u>SHEET No.</u>
COVER SHEET	1
GENERAL NOTES, LEGEND, SYMBOLS & ABBREVIATIONS	2
EXISTING CONDITIONS AND DEMOLITION PLAN	3
SITE IMPROVEMENT PLAN	4-5
SITE DETAILS	4-5


3 DAYS BEFORE DIGGING AT USC UPSTATE CALL:


 Call 811 Before you Dig

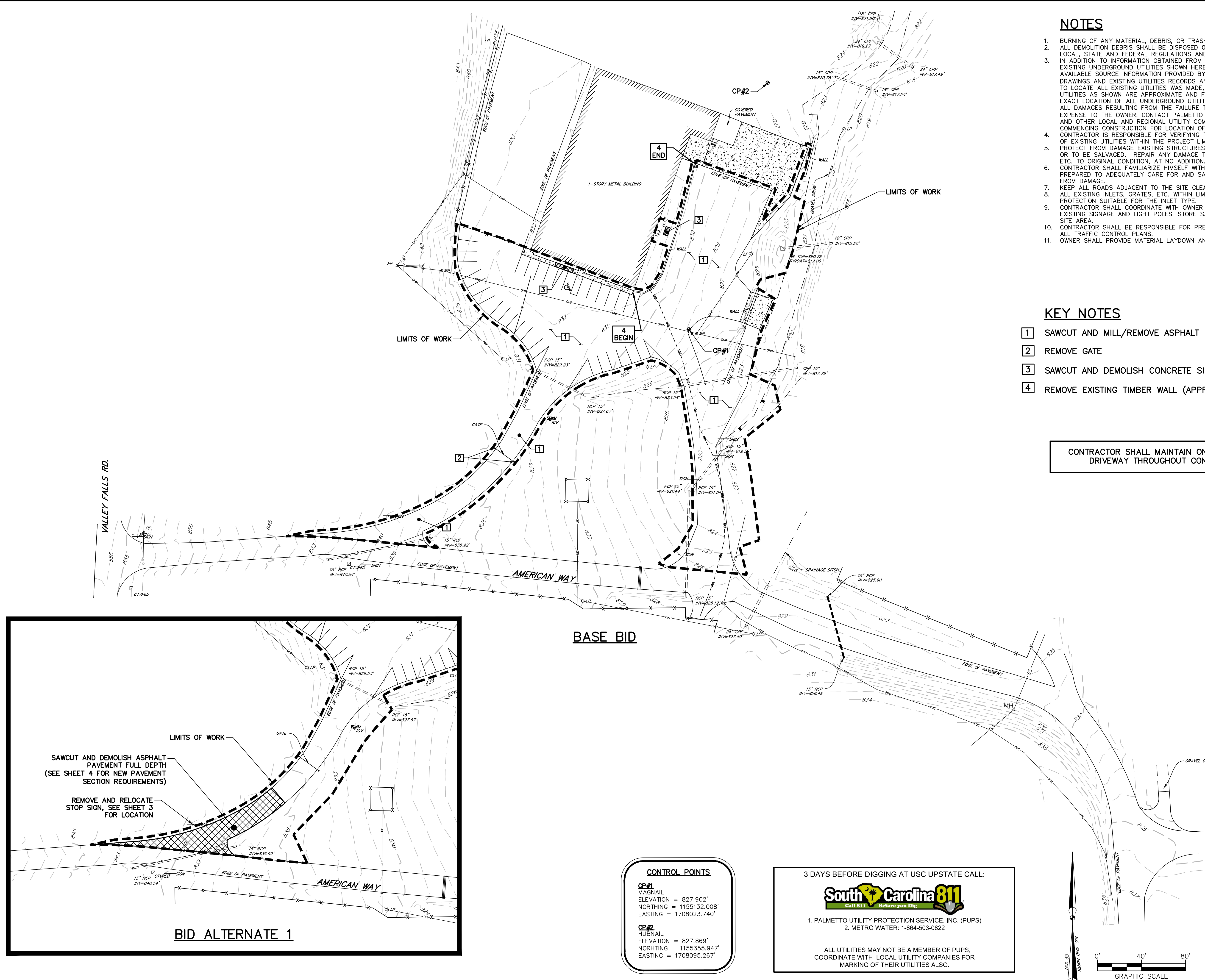
1. PALMETTO UTILITY PROTECTION SERVICE, INC. (PUPS)
 2. METRO WATER: 1-864-503-0822

ALL UTILITIES MAY NOT BE A MEMBER OF PUPS.
 COORDINATE WITH LOCAL UTILITY COMPANIES FOR
 MARKING OF THEIR UTILITIES ALSO.

USC PROJECT NO. CP00425816
STATE PROJECT NO. H34-I371
BID DOCUMENTS
THESE DOCUMENTS ARE FOR THE PURPOSE OF SOLICITATION OF BIDS AND ARE NOT FOR USE FOR CONSTRUCTION

 SEAL URS CORPORATION PROFESSIONAL ENGINEER No. 29136 DATE: 8-24-15
 SIGNATURE
 an AECOM company 101 Research Drive Columbia, South Carolina 29203 Telephone (803) 254-4400 • Fax (803) 771-6676 www.aecom.com
USC UPSTATE FACILITIES PARKING LOT REPAIR PREPARED FOR THE UNIVERSITY OF SOUTH CAROLINA
AUGUST 24, 2015
PROJECT NO. 46423777
FILE NO. 36,532-B91

THIS DRAWING IS THE PROPERTY OF URS CORPORATION AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. IT IS ONLY TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN AND IS NOT TO BE USED ON ANY OTHER PROJECT.
 N:\PROJECTS\46423777_USC_UPSTATE_FACILITIES_PARKING_REPAIR\DRAWINGS\SHEETS\3-46423777_DRAWING_8/24/2015_837000.dwg



- ### NOTES
- BURNING OF ANY MATERIAL, DEBRIS, OR TRASH ON SITE WILL NOT BE PERMITTED.
 - ALL DEMOLITION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS AND SPECIFICATIONS, LATEST REVISION.
 - IN ADDITION TO INFORMATION OBTAINED FROM SITE VISITS AND A FIELD SURVEY, THE EXISTING UNDERGROUND UTILITIES SHOWN HEREIN ARE BASED ON A COMBINATION OF AVAILABLE SOURCE INFORMATION PROVIDED BY OTHERS, INCLUDING AS-BUILT DRAWINGS AND EXISTING UTILITIES RECORDS AND/OR MAPS. A CONCERTED EFFORT TO LOCATE ALL EXISTING UTILITIES WAS MADE, HOWEVER, LOCATION OF UNDERGROUND UTILITIES AS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED AND ANY AND ALL DAMAGES RESULTING FROM THE FAILURE TO DO SO SHALL BE REPAIRED AT NO EXPENSE TO THE OWNER. CONTACT PALMETTO UTILITY PROTECTION SERVICE (PUPS) AND OTHER LOCAL AND REGIONAL UTILITY COMPANIES AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION FOR LOCATION OF UTILITIES.
 - CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES WITHIN THE PROJECT LIMITS.
 - PROTECT FROM DAMAGE EXISTING STRUCTURES, UTILITIES, ETC. THAT ARE TO REMAIN OR TO BE SALVAGED. REPAIR ANY DAMAGE TO EXISTING STRUCTURES, UTILITIES, ETC. TO ORIGINAL CONDITION, AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND BE PREPARED TO ADEQUATELY CARE FOR AND SAFEGUARD HIMSELF AND THE OWNER FROM DAMAGE.
 - KEEP ALL ROADS ADJACENT TO THE SITE CLEAN DURING CONSTRUCTION.
 - ALL EXISTING INLETS, GRATES, ETC. WITHIN LIMITS OF WORK SHALL RECEIVE INLET PROTECTION SUITABLE FOR THE INLET TYPE.
 - CONTRACTOR SHALL COORDINATE WITH OWNER THE REMOVAL AND OR RELOCATION OF EXISTING SIGNAGE AND LIGHT POLES. STORE SALVAGEABLE EQUIPMENT ON APPROVED SITE AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND OBTAINING APPROVAL OF ALL TRAFFIC CONTROL PLANS.
 - OWNER SHALL PROVIDE MATERIAL LAYDOWN AND STOCKPILE AREAS ON CAMPUS.

- ### KEY NOTES
- 1 SAWCUT AND MILL/REMOVE ASPHALT SURFACE (APPROX. 2" DEPTH)
 - 2 REMOVE GATE
 - 3 SAWCUT AND DEMOLISH CONCRETE SIDEWALK/PAVEMENT
 - 4 REMOVE EXISTING TIMBER WALL (APPROX. 1'-3' WALL HEIGHT)

CONTRACTOR SHALL MAINTAIN ONE OPERATIONAL DRIVEWAY THROUGHOUT CONSTRUCTION

CONTROL POINTS

CP#1
MAGNAIL
ELEVATION = 827.902'
NORTHING = 1155132.008'
EASTING = 1708023.740'

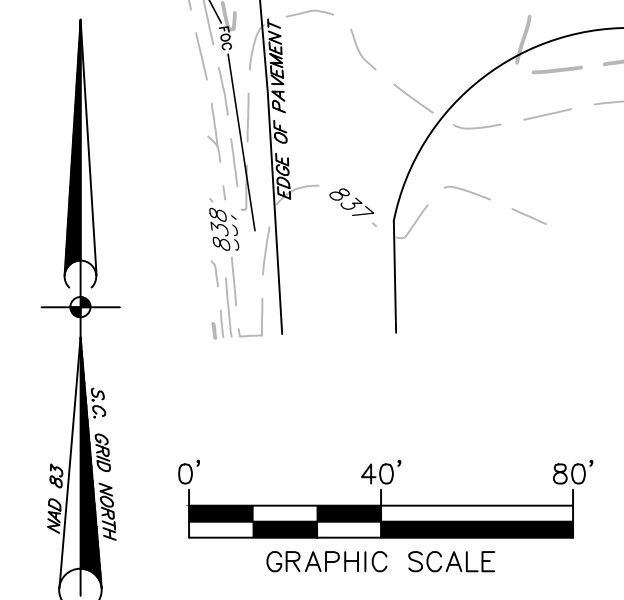
CP#2
HUBNAIL
ELEVATION = 827.869'
NORTHING = 1155355.947'
EASTING = 1708095.267'

3 DAYS BEFORE DIGGING AT USC UPSTATE CALL:

South Carolina 811
Call 811 Before you Dig

1. PALMETTO UTILITY PROTECTION SERVICE, INC. (PUPS)
2. METRO WATER: 1-864-503-0822

ALL UTILITIES MAY NOT BE A MEMBER OF PUPS. COORDINATE WITH LOCAL UTILITY COMPANIES FOR MARKING OF THEIR UTILITIES ALSO.

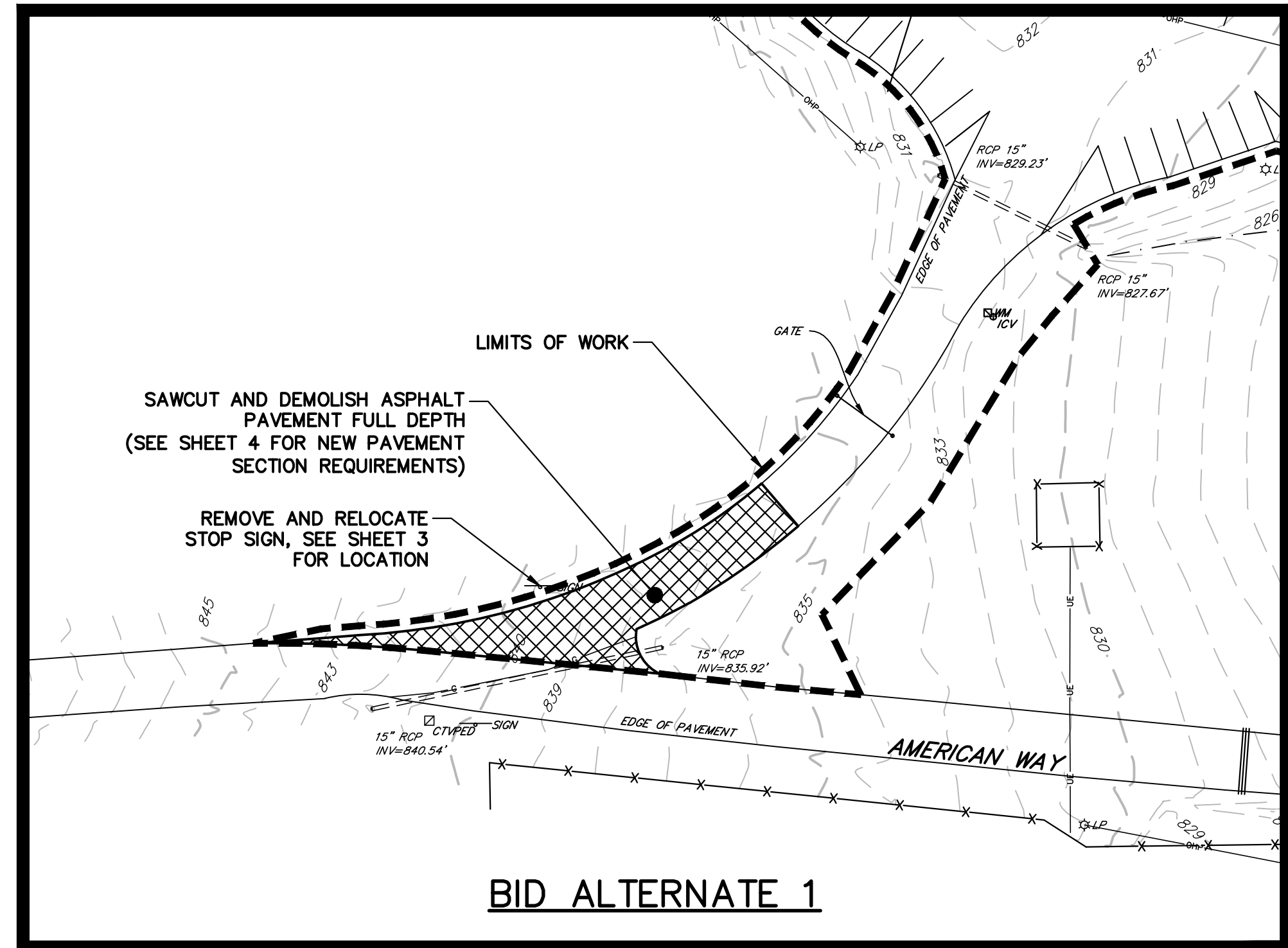


USC PROJECT NO.
CP00425816

STATE PROJECT NO.
H34-J371

BID DOCUMENTS

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REVISIONS	
NO.	DESCRIPTION

PROJECT ENGR:	BET	DATE:	
DESIGNED BY:	MDJ		
DRAWN BY:	MDJ		
CHECKED BY:	BET		
APPROVED:	BET		

8-24-15
DATE

an AECOM company

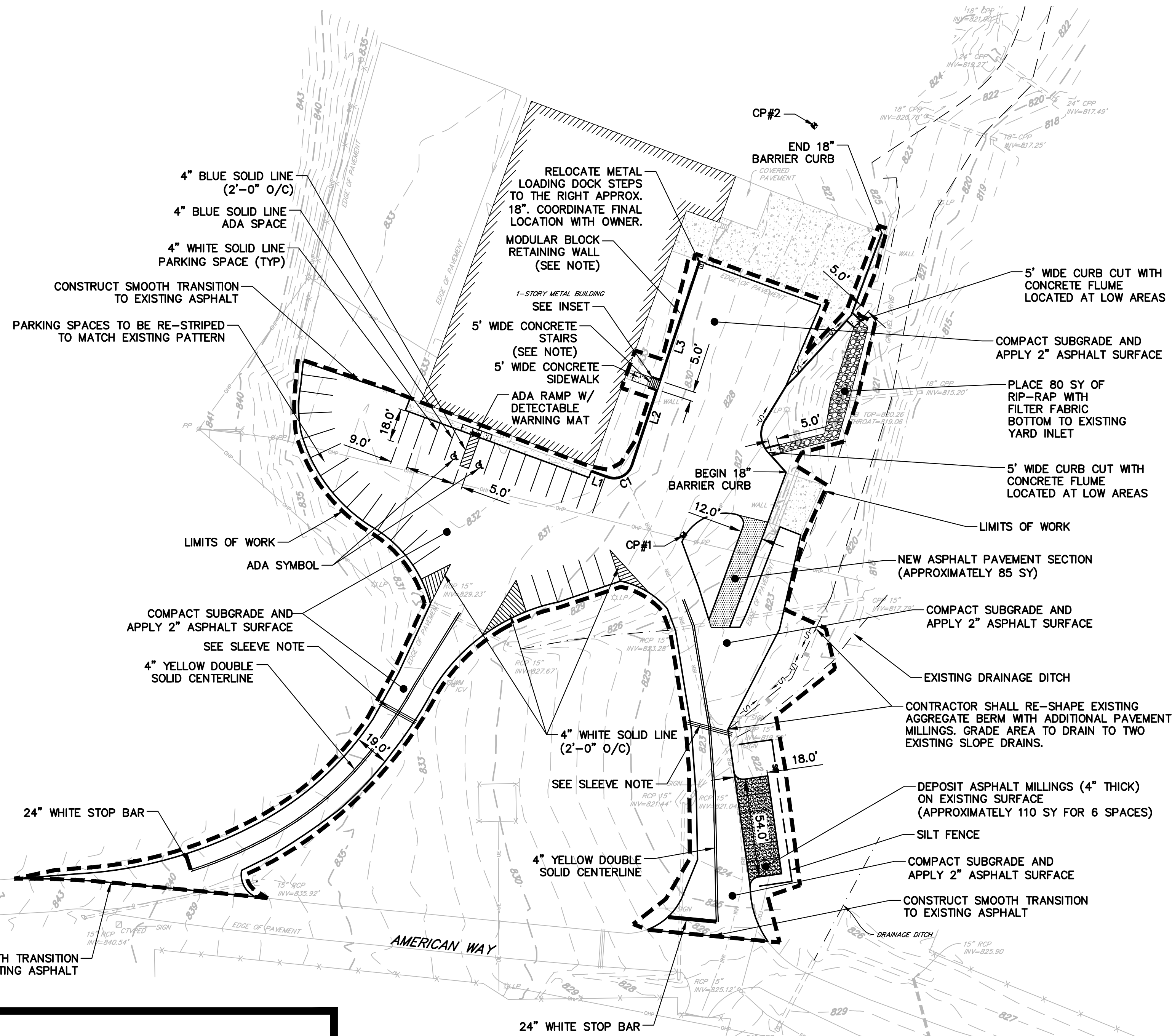
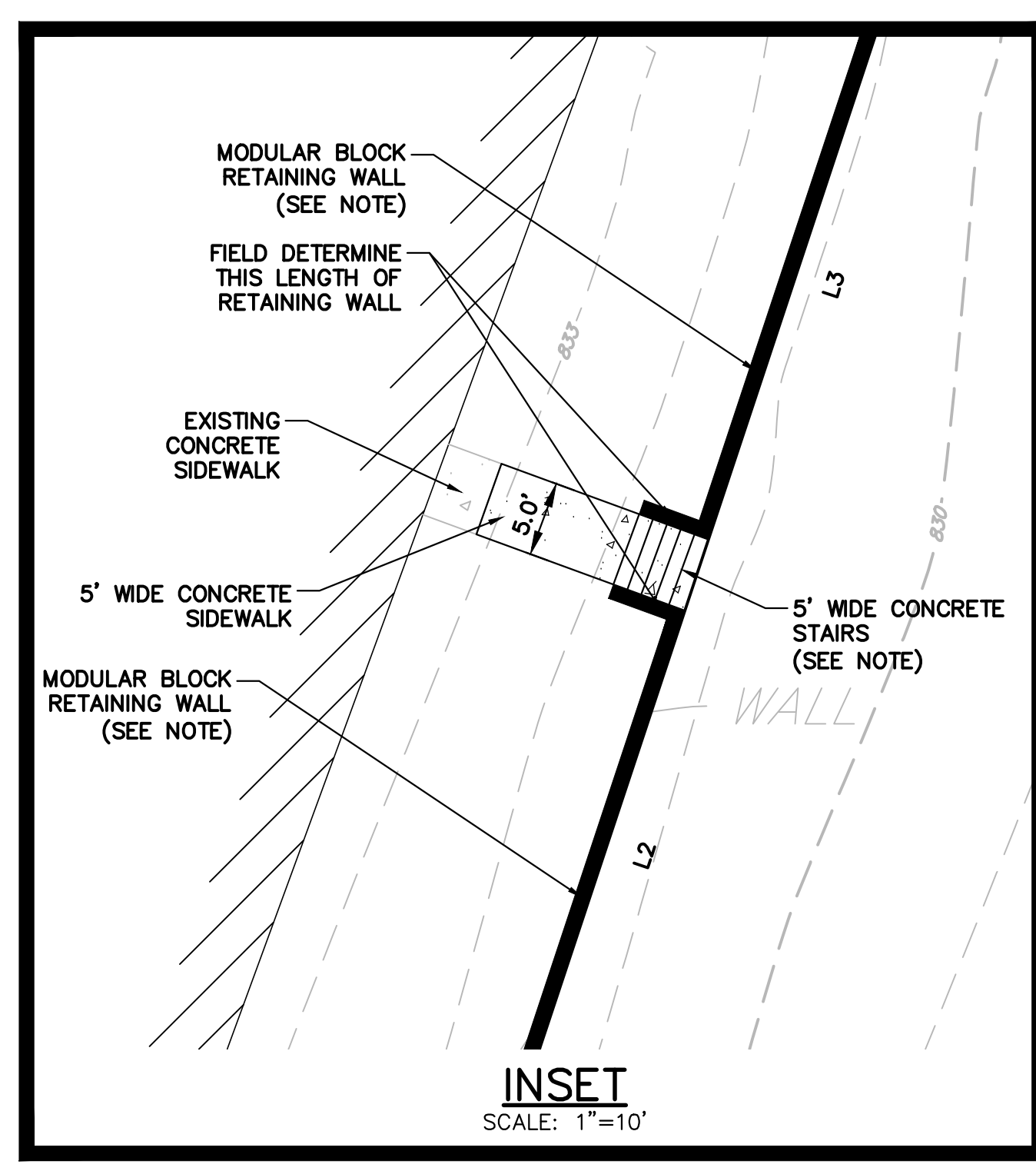
101 Research Drive
Columbia, South Carolina 29203
Telephone (803) 254-4400 · Fax (803) 771-6676
www.urscorp.com

EXISTING CONDITIONS AND DEMOLITION PLAN	DATE: AUG. 24, 2015 SCALE: 1"=40'
------------------------------------------------	-------------------------------------

USC UPSTATE FACILITIES PARKING LOT REPAIR PREPARED FOR THE UNIVERSITY OF SOUTH CAROLINA	SOUTH CAROLINA
--------------------------------------------------------------------------------------------	----------------

PROJECT: USC PROJECT NO. CP00425816	SHEET: 2 OF 5
STATE PROJECT NO. H34-J371	REF. PROJECT NO. 46423777
BID DOCUMENTS	FILE NO. 36,532-B91

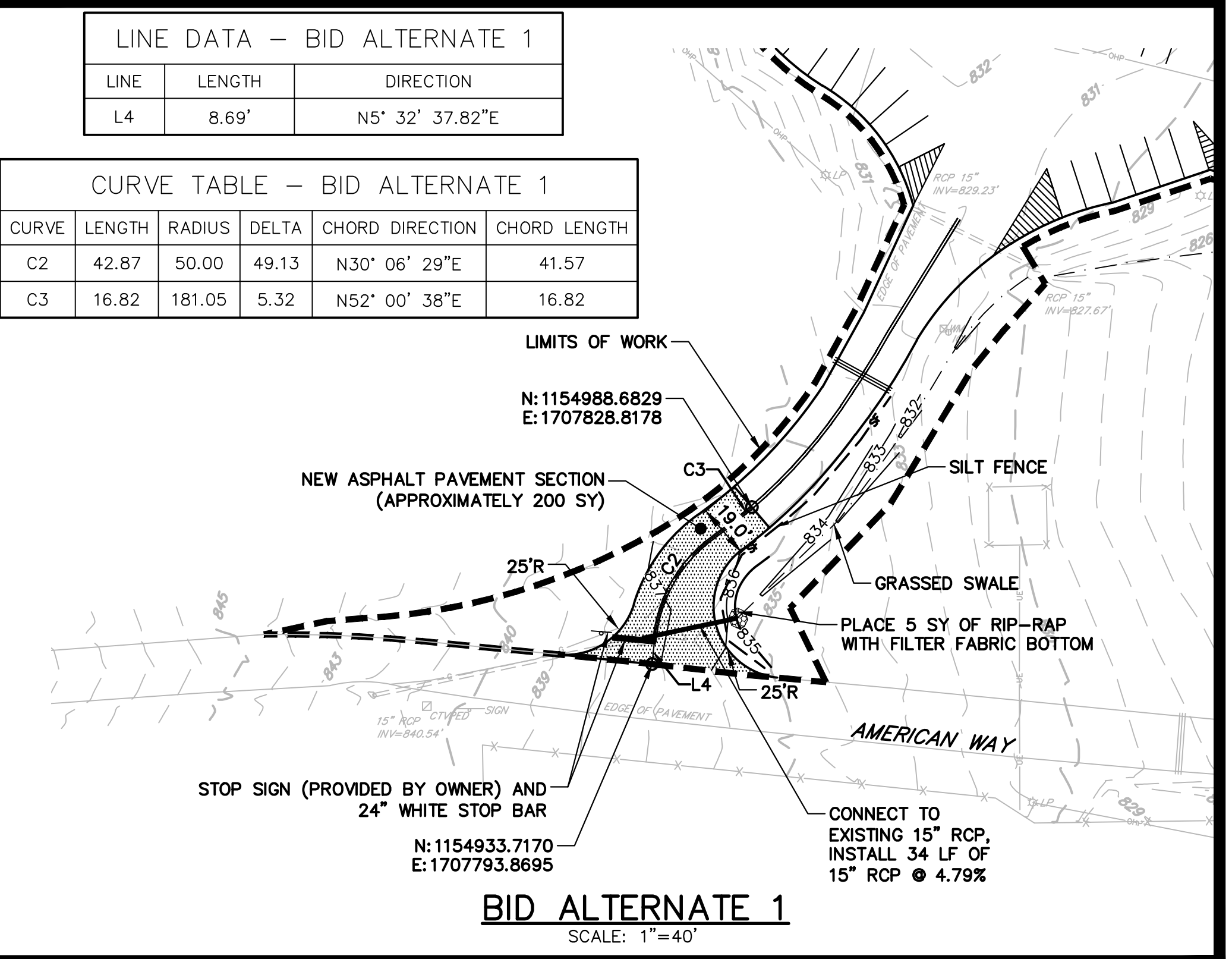
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BASE BID
SCALE: 1"=40'

LINE DATA - BID ALTERNATE 1		
LINE	LENGTH	DIRECTION
L4	8.69'	N5° 32' 37.82"E

CURVE TABLE - BID ALTERNATE 1					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C2	42.87	50.00	49.13	N30° 06' 29"E	41.57
C3	16.82	181.05	5.32	N52° 00' 38"E	16.82



LINE DATA - RETAINING WALL		
LINE	LENGTH	DIRECTION
L1	9.63'	N69° 58' 42.05"W
L2	43.24'	N18° 20' 27.59"E
L3	68.53'	N18° 20' 27.59"E

CURVE TABLE - RETAINING WALL					
CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	16.00	10.00	91.68	S64° 10' 53"W	14.35

RETAINING WALL NOTE
KEYSTONE MODULAR BLOCK RETAINING WALL SYSTEM WITH UNDERDRAIN BY CONTRACTOR. CONTRACTOR SHALL SUBMIT ENGINEERED SHOP DRAWINGS FOR CONTRACTOR-DESIGNED WALL FOR APPROVAL PRIOR TO CONSTRUCTION. CONTRACTOR SHALL MATCH EXISTING TOP OF WALL ELEVATIONS OF THE EXISTING TIMBER RETAINING WALL. EXISTING BUILDING DOWNSPOUT DRAINS THAT CURRENTLY DAYLIGHT THROUGH THE TIMBER RETAINING WALL ARE TO BE RETAINED AND DAYLIGHTED THROUGH THE NEW RETAINING WALL SYSTEM.

CONCRETE STAIRS NOTE
CONTRACTOR SHALL PROVIDE PRE-FABRICATED 5'-FT WIDE CONCRETE STAIRS. CONTRACTOR SHALL SUBMIT FABRICATION SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

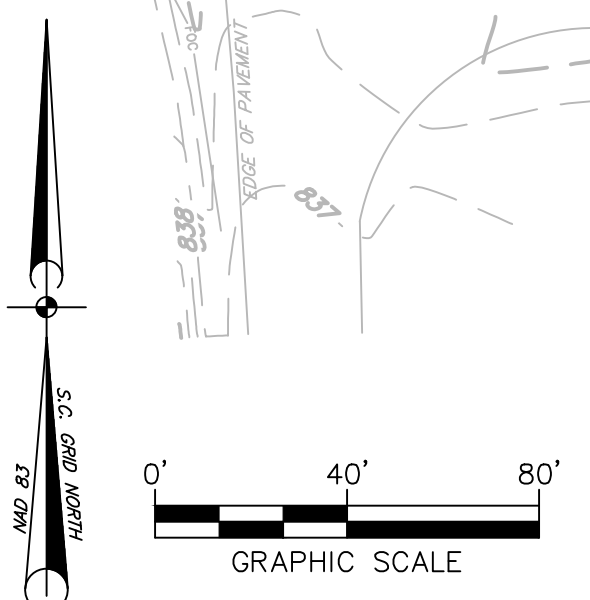
SLEEVE NOTE
3-SCH 40 4" PVC CONDUITS, 12" O.C. MINIMUM. CONDUITS SHALL EXTEND 12" OFF BACK OF CURB AND/OR CONCRETE/PAVING EDGE AND THE CURB/PAVING SHALL HAVE AN "X" SAWCUT AT THE CONDUIT LOCATION AT EACH END OF THE GROUP. THE CONDUITS SHALL HAVE A MINIMUM OF 2" OF COVER AND HAVE TRACER WIRE OVER EACH INDIVIDUAL CONDUIT.

STAKING NOTES

- VERIFY FIELD CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY DIFFERING SITE CONDITIONS ARE NOTED.
- ALL TRAFFIC SIGNS AND PAVEMENTS MARKINGS WITHIN PARKING AREA SHALL MEET ALL REQUIREMENTS OF THE SCOOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SPARTANBURG COUNTY AND USC UPSTATE REGULATIONS.
- ALL WORK AND MATERIALS SHALL CONFORM TO SPARTANBURG COUNTY AND SCDEC REGULATIONS AND SPECIFICATIONS, LATEST REVISION AT BEGINNING OF CONSTRUCTION.
- ALL DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
- RADI ON ALL ISLANDS ARE 5' UNLESS OTHERWISE NOTED.
- ALL PAVEMENT MARKINGS SHALL BE WHITE UNLESS OTHERWISE NOTED. ADA PAVEMENT MARKINGS SHALL BE BLUE.
- PARKING SPACE TABULATION:
EXISTING SPACE TABULATION: 31 SPACES
PROPOSED STANDARD SPACES: 35 SPACES
PROPOSED ADA SPACES: 2 SPACES

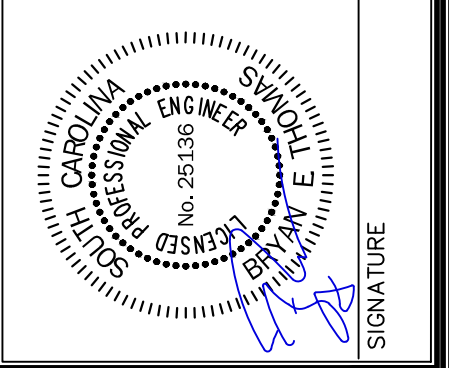
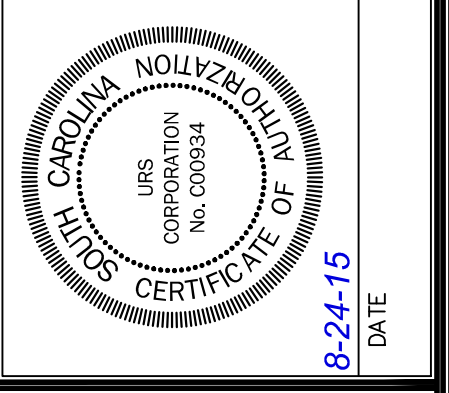
GRADING NOTES

- ALL ELEVATIONS ARE BASED ON REFERENCED BENCHMARK DATUM.
- WHEN GRADING BETWEEN CONTOURS AND BETWEEN POINTS OF SPOT ELEVATIONS, GRADE ON A UNIFORM SLOPE.
- CONTRACTOR TO FIELD VERIFY EXISTING SITE GRADES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL MAINTAIN CROSS SECTIONS AND SLOPE OF EXISTING ROADWAYS AND PARKING LOT AREAS.
- BEFORE BEGINNING GRADING WORK ON SITE, STAKE SILT FENCE AS SHOWN ON THE PLANS. AS SEDIMENT BUILDS UP AROUND SILT FENCE, REMOVE SEDIMENT AND REPLACE WHERE EROSION HAS TAKEN PLACE.
- INSTALL AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES UNTIL STABILIZATION IS ACHIEVED.
- PROMPTLY INFORM THE ENGINEER OF ANY ERROR OR DISCREPANCIES DISCOVERED IN THE DRAWINGS OR SPECIFICATIONS OR CONFLICT BETWEEN THE DRAWINGS OR SPECIFICATIONS IN ORDER FOR CORRECTIONS TO BE MADE.
- ALL WORK AND MATERIALS MUST CONFORM TO SPARTANBURG COUNTY AND SCDEC REGULATIONS AND SPECIFICATIONS, LATEST REVISION AT BEGINNING OF CONSTRUCTION.
- CLEAR ALL BRUSH, STUMPS AND OTHER ORGANIC MATERIAL FROM AREAS TO BE FILLED.
- REMOVE ALL UNSUITABLE MATERIAL (MUCK OR NON-COMPACTABLE MATERIAL) FROM AREAS TO BE FILLED AS DETERMINED BY ENGINEER.
- GRADE BENEATH ROADWAYS AND PARKING SHALL BE COMPLETED TO FINAL GRADE AS SHOWN ON THE DRAWINGS LESS THE PAVEMENT SECTION THICKNESS. FINISH SURFACES TO WITHIN 0.10' ABOVE OR BELOW THE REQUIRED GRADE OR APPROVED CROSS SECTION FOR THE REMAINDER OF THE SITE REQUIRED.
- REPAIR ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES ANY LOW AREAS OR "BIRD BATHS" AS DETERMINED BY THE ENGINEER THAT EXIST IN PAVED AREAS AT NO ADDITIONAL COST TO THE OWNER.
- FOR ALL GRASSED AREAS, BE RESPONSIBLE FOR REPLACING ERODED SOIL AND GRASS SEED UNTIL AN APPROVED STAND OF GRASS IS ESTABLISHED.
- EACH SECTION OF PIPE SHALL BE LAID TO SPECIFIED GRADE AND LAID UPGRADE.
- KEEP ALL ROADS ADJACENT TO SITE CLEAN DURING CONSTRUCTION.
- ALL NEWLY CONSTRUCTED SLOPES WHICH ARE STEEPER THAN 3 TO 1 MUST BE STABILIZED BY INSTALLATION OF EROSION CONTROL MATTING. OTHER AREAS SUCH AS CHANNEL BOTTOMS, CHANNEL SIDESLOPES, AND SLOPES NEAR SENSITIVE WETLAND AREAS MAY ALSO REQUIRE EROSION CONTROL MATTING WHERE SHOWN ON PLANS. USE NORTH AMERICAN GREEN S150 OR APPROVED EQUAL.
- ALL VEGETATION TOPSOIL SHALL BE STRIPPED AND STOCKPILED PRIOR TO PLACING FILL. TOPSOIL SHALL BE SPREAD OVER AREAS NOT TO BE PAVED PRIOR TO FINAL GRASSING.
- ANY TEMPORARY STOCKPILES SHALL HAVE PERIMETER SILT FENCE INSTALLED AT THE BASE OF THE STOCKPILE.
- PROPOSED FILL SOILS SHALL BE FREE OF ORGANIC MATERIAL, RUBBLE, DEBRIS, HIGHLY PLASTIC CLAYS AND SILTS AND SHALL ADHERE TO THE FILL REQUIREMENTS AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- REMOVE ALL DEBRIS AND OTHER MATERIAL RESULTING FROM DEMOLITION AND DISPOSE OFF SITE UNLESS OTHERWISE APPROVED BY OWNER. ALL ASPHALT MILLINGS SHALL REMAIN ON CAMPUS AT A LOCATION DETERMINED BY THE OWNER.
- CONTRACTOR SHALL FIELD VERIFY EXACT ELEVATIONS AT ALL TIE IN LOCATIONS WITH EXISTING FINISHED SURFACES AND SHALL MATCH EXISTING ROAD AND PAVEMENT GRADES AND ENSURE SMOOTH TRANSITION AT ROAD TIE IN LOCATIONS.
- GRADES SHOWN ARE FINAL SURFACE ELEVATIONS.
- ENSURE POSITIVE DRAINAGE OF ALL FINISHED GRADE SURFACES.
- GRASSING SHALL BE APPLIED TO ALL DISTURBED AREAS NOT STABILIZED WITH ASPHALT, CONCRETE OR LANDSCAPED WITH PLANT MATERIALS.
- ALL UTILITY BOXES, MANHOLES, VALVES, METER BOXES, INLETS, CLEANOUTS ETC. SHALL BE FIELD ADJUSTED TO MATCH FINISHED GRADE.
- ALL YARD INLETS, CATCH BASINS, DROP INLETS AND CURB INLETS ARE TO BE STAMPED WITH "NO-DUMPING-DRAINS TO WATERWAY" OR APPROVED EQUAL.



REVISIONS		DATE	BY
NO.	DESCRIPTION		

PROJECT ENG:	BET	DESIGNED BY:	MDJ	DRAWN BY:	MDJ	CHECKED BY:	BET	APPROVED:	BET
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101 Research Drive
Columbia, South Carolina 29203
Telephone (803) 254-4400 · Fax (803) 771-6676
www.aecom.com

SHEET TITLE
SITE IMPROVEMENT PLAN
DATE: AUG. 24, 2015 | SCALE: AS SHOWN

PROJECT
USC UPSTATE FACILITIES PARKING LOT REPAIR
PREPARED FOR
THE UNIVERSITY OF SOUTH CAROLINA

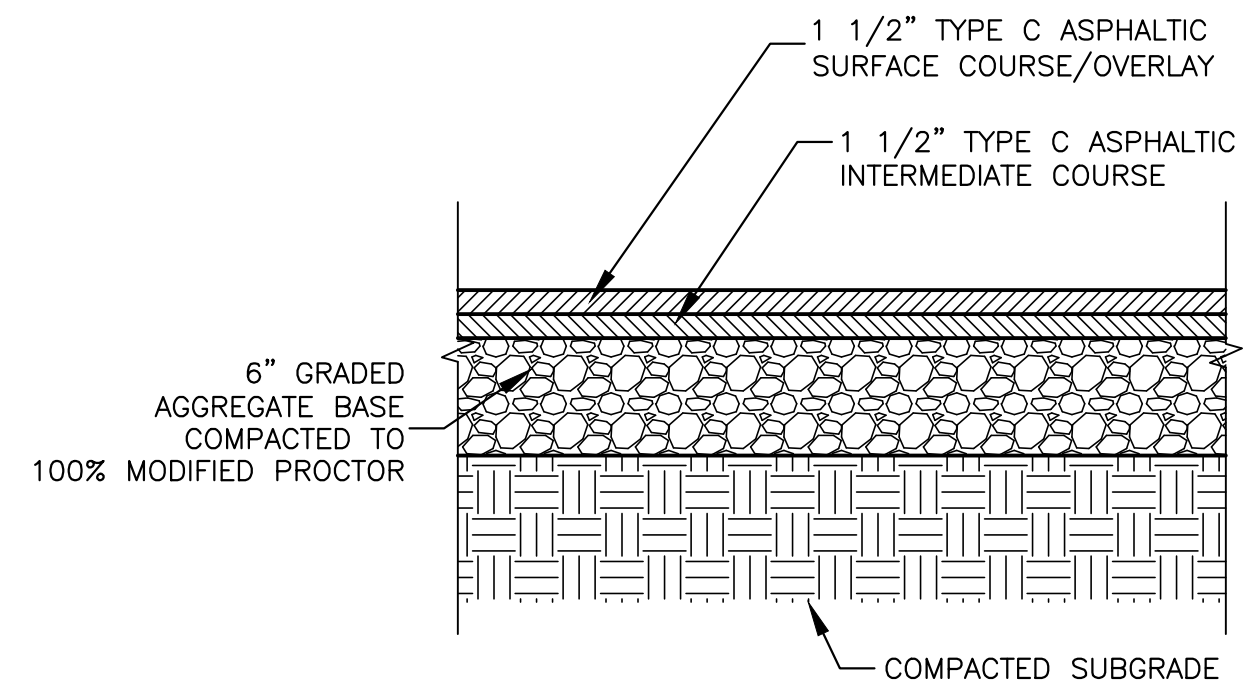
USC PROJECT NO.
CP00425816

STATE PROJECT NO.
H34-J371

BID DOCUMENTS
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.DWG NAME S3-46423777_SITE	SHEET 3
N.B. NO.	OF 5
REF.	
PROJECT NO. 46423777	
FILE NO. 36,532-B91	

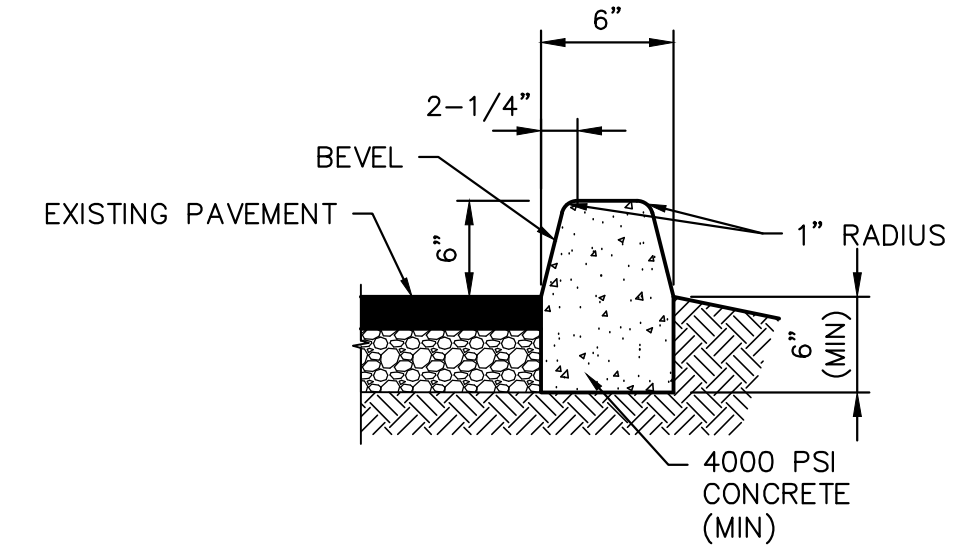
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NEW ASPHALT PAVEMENT SECTION

DETAIL 1
SCALE: NONE

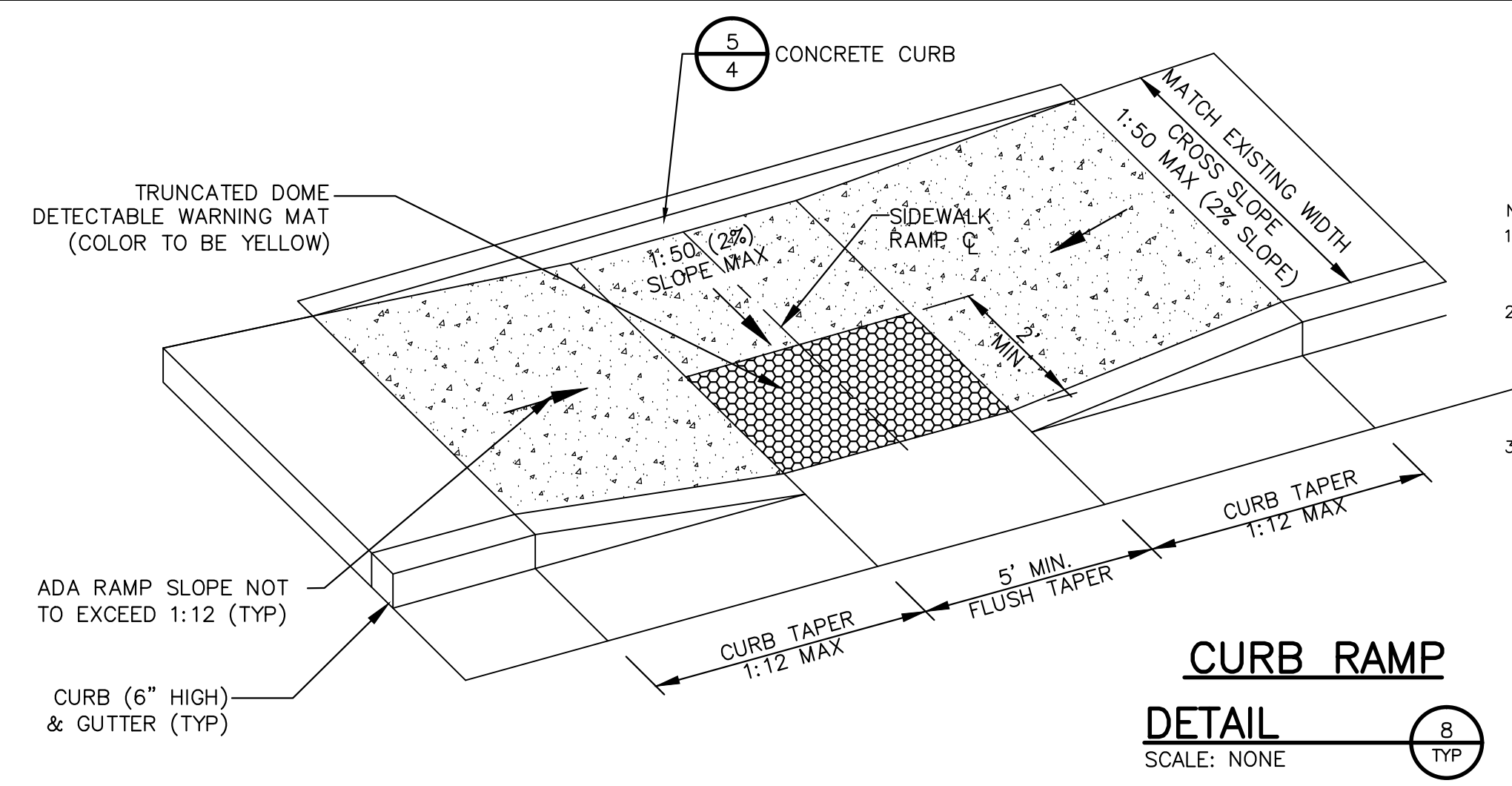
NOTES:
1. ASPHALT THICKNESS NOTED SHALL BE THE FINAL COMPACTED MATERIAL THICKNESS.



CONCRETE CURB

DETAIL 5
SCALE: NONE

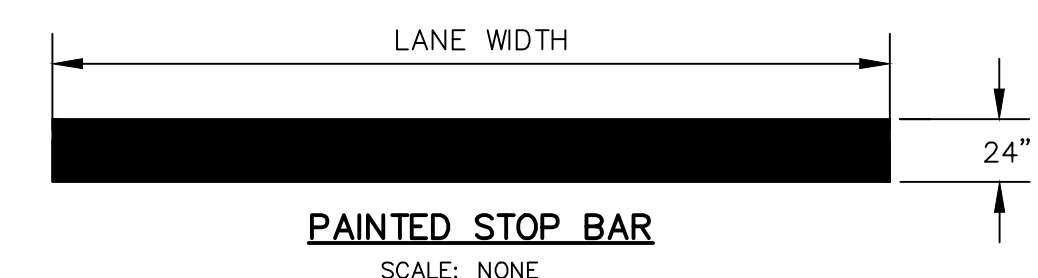
NOTES:
1. CONSTRUCT CURB IN 10'-0" LENGTHS.
2. PROVIDE 1/2 INCH EXPANSION JOINT AT INTERVALS NOT TO EXCEED 100'-0" AT THE ENDS AND MIDPOINT OF RETURNS, AND AT ANY POINT WHERE THE NEW CURB ABUTS OTHER CONCRETE STRUCTURES.



CURB RAMP DETAIL

SCALE: NONE
8
TYP

NOTES:
1. CONSTRUCTION OF ACCESSIBLE CURB RAMP SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
2. TRANSITIONS FROM RAMP TO WALKS, GUTTERS TO STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20 (5%).
3. CURB RAMP SHALL HAVE A DETECTABLE WARNING MAT THAT CONFORMS TO ADA STANDARDS FOR ACCESSIBLE DESIGN SECTION 4.29.2 AND EXTENDS THE FULL WIDTH OF CURB RAMP.

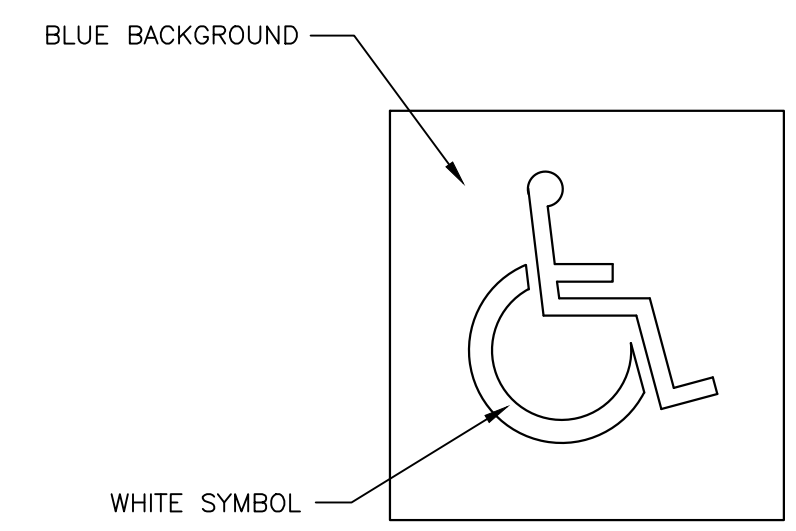


PAINTED STOP BAR
SCALE: NONE

NOTES:
1. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL MEET ALL REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. APPLY ALL ROADWAY STRIPING AND MARKINGS AS TEMPORARY PAINT IMMEDIATELY AFTER APPLICATION OF FINAL SURFACE.
3. APPLY ALL ROADWAY STRIPING AND MARKINGS AS PERMANENT THERMOPLASTIC WITH REFLECTIVE GLASS SPHERES NOT LESS THAN TWO WEEKS, AND NOT GREATER THAN FOUR WEEKS AFTER APPLICATION OF FINAL SURFACE COURSE.
4. PARKING SPACE STRIPING MAY BE NON-REFLECTIVE ACRYLIC PAINT.
5. SEE SCDOT STANDARD DRAWING NO. 625-410-00 AND LATEST REVISIONS AND SUPPLEMENTS FOR "DIRECTIONAL ARROWS" DETAILS.

PAVEMENT STRIPING & MARKING STANDARDS

DETAIL 9
SCALE: NONE

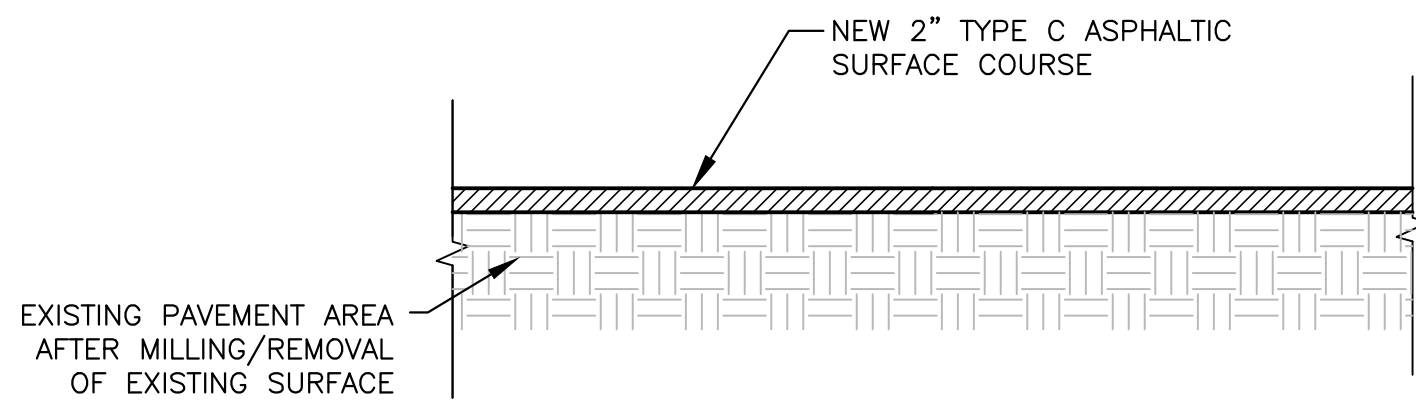


HANDICAP PARKING SYMBOL

DETAIL 10
SCALE: NONE

NOTE:
USC UPSTATE UTILIZES A CONSISTENT SYMBOL CAMPUS-WIDE. CONTRACTOR SHALL CREATE A PROJECT-SPECIFIC TEMPLATE FROM EXISTING UNIVERSITY PARKING MARKINGS. COORDINATE WITH USC UPSTATE PRIOR TO FINALIZING TEMPLATE.

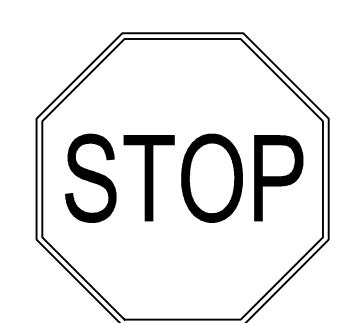
NOTES:
1. JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS OR 15'-0" OC EW (MAX).
2. JOINT DEPTH = 2 1/2" (MAX)



ASPHALT RESURFACING SECTION

DETAIL 2
SCALE: NONE

NOTES:
1. ASPHALT THICKNESS NOTED SHALL BE THE FINAL COMPACTED MATERIAL THICKNESS.



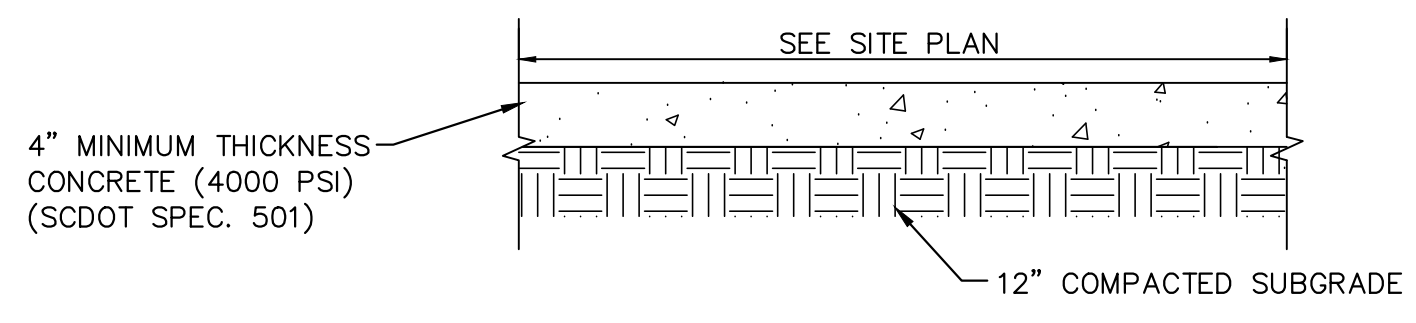
STOP
MUTCD NO. - R1-1
30" X 30"

SIGNAGE LOCATION NOTES:

1. ALL SIGNAGE SHALL BE INSTALLED A MINIMUM OF 6 FEET FROM EDGE OF PAVEMENT IN RURAL LOCATIONS AND A MINIMUM OF 2 FEET FROM EDGE OF PAVEMENT IN URBAN LOCATIONS.
2. FACE ALL SIGNS IN APPROPRIATE DIRECTION.
3. ALL TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL MEET ALL REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
4. ROAD SIGNAGE SHALL BE MOUNTED ON GALVANIZED STEEL 2"x2" SQUARE BASE POST. ADA SIGNAGE SHALL BE MOUNTED ON U-POST.
5. REFER TO MUTCD REQUIREMENTS FOR MOUNTING HEIGHT.

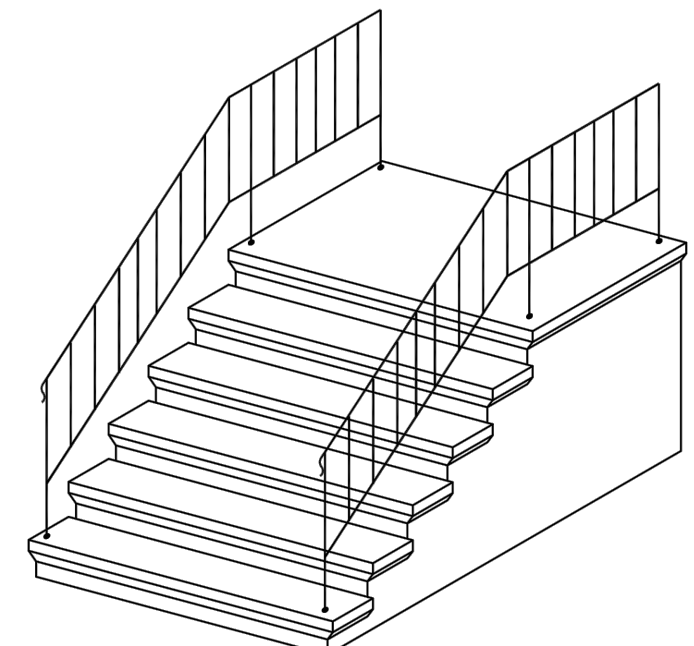
TRAFFIC SIGN

DETAIL 6
SCALE: NONE

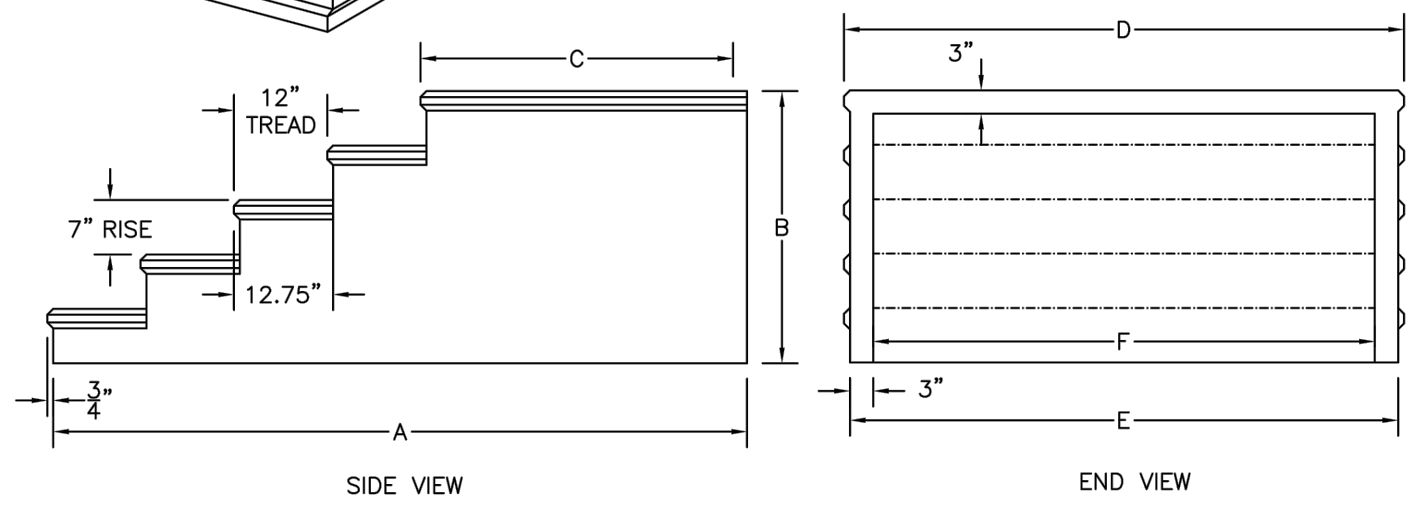


TYPICAL SIDEWALK

DETAIL 3
SCALE: NONE



WEIGHT	RISERS						
	1	2	3	4	5	6	7
4'	655#	1,050#	1,490#	1,975#	2,500#	3,070#	
5'	795#	1,240#	1,730#	2,280#	2,835#	3,450#	4,110#
6'	940#	1,430#	1,985#	2,545#	3,170#	3,830#	4,540#
7'	1,055#	1,600#	2,190#	2,820#	3,500#	4,220#	4,990#



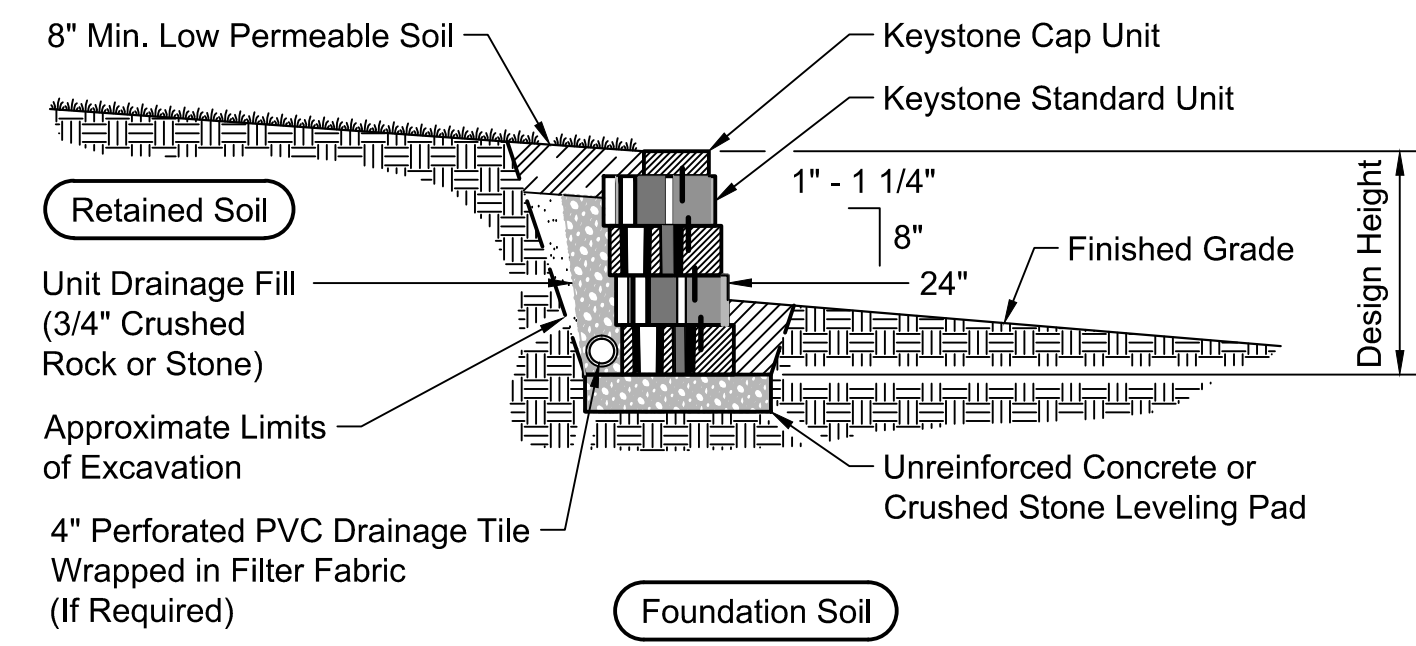
RISER	SIDE VIEW		
	A NO. PLAT	B 42" PLAT	C HEIGHT
1	12"	41 1/2"	7"
2	24"	53 1/2"	14"
3	36"	65 1/2"	21"
4	48"	77 1/2"	28"
5	60"	89 1/2"	35"
6	72"	101 1/2"	42"
7*	84"	113 1/2"	49"

D	END VIEW		
	E OUTSIDE CORE WIDTH	F INSIDE CORE WIDTH	C PLATFORM LENGTH
4'	47"	42"	42"
5'	59"	53 1/2"	42"
6'	71"	65 1/2"	42"
7'	82"	76"	42"

NOTES:
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. WROUGHT IRON RAILS NOT REQUIRED BY OWNER.
3. TREADS AND PLATFORM BROOM FINISHED.

PRECAST CONCRETE STAIRS

DETAIL 7
SCALE: NONE

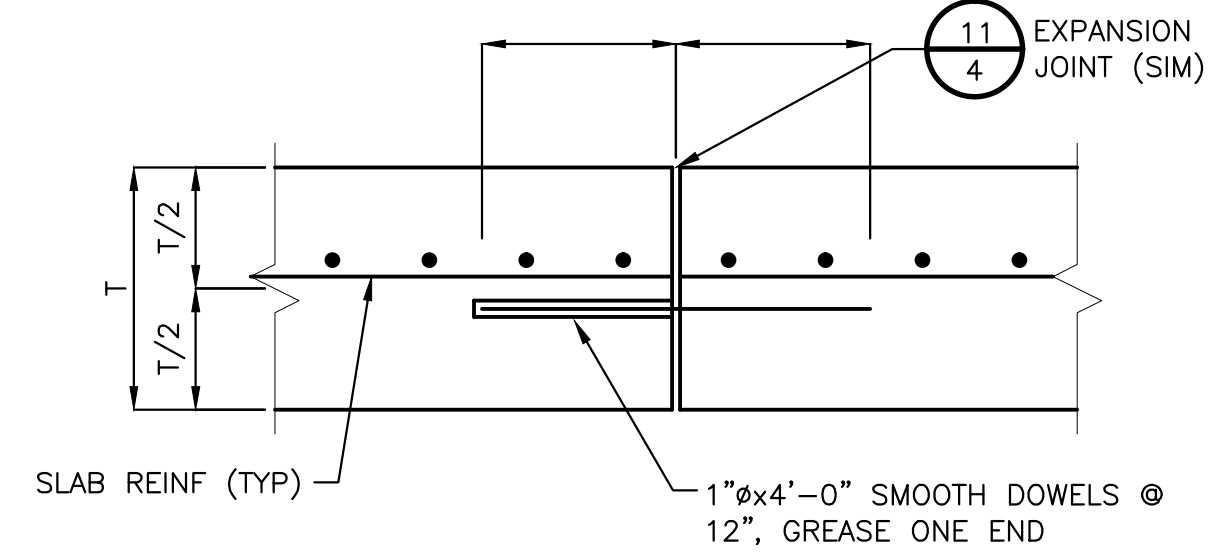


Typical Gravity Wall Section

Standard Unit - 1" Setback

RETAINING WALL

DESIGN BASIS DETAIL 4
SCALE: NONE



CONSTRUCTION JOINT

DETAIL 13
SCALE: NONE

NOTES:
1. JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS OR 30'-0" OC EW (MAX).

EXPANSION JOINT

DETAIL 11
SCALE: NONE

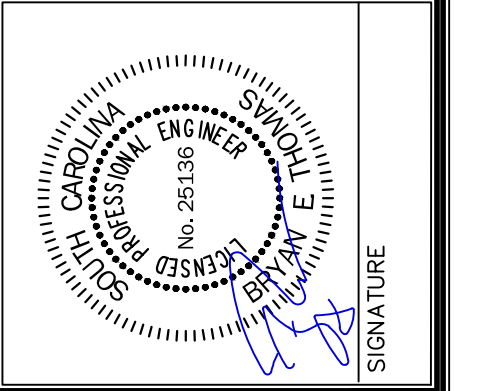
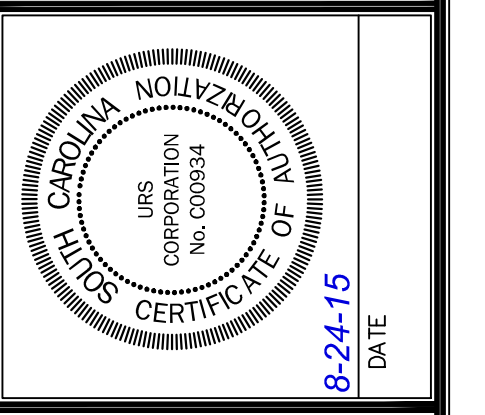
NOTES:
1. USE T=1" FOR NEW CONCRETE ADJACENT TO BUILDINGS OR EXISTING SAW-CUT PAVEMENT/CONCRETE.
2. PROVIDE 1/2" EXPANSION JOINT WHERE CONCRETE PAVING AND SIDEWALK ABUTS ADJACENT STRUCTURES AND DISSIMILAR SURFACES.

CONTROL JOINT

DETAIL 12
SCALE: NONE

REVISIONS	
NO.	DESCRIPTION

APPROVALS	
PROJECT ENG.	DATE



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SITE DETAILS
DATE: AUG. 24, 2015 | SCALE: AS SHOWN

USC UPSTATE FACILITIES PARKING LOT REPAIR FOR THE UNIVERSITY OF SOUTH CAROLINA

USC PROJECT NO. CP00425816

STATE PROJECT NO. H34-I371

BID DOCUMENTS

THESE DOCUMENTS ARE FOR THE PURPOSE OF SOLICITATION OF BIDS AND ARE NOT FOR USE FOR CONSTRUCTION

DWG NAME S4-9-46423777_DET5	SHEET 4
N.B. NO.	OF 5
REF.	
PROJECT NO. 46423777	
FILE NO. 36,532-B91	

