





**NOTE:** INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES WAS OBTAINED FROM LOCAL UTILITY COMPANIES AND AVAILABLE RECORDS 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 ARE ENCOUNTERED BY 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 INADEQUACIES OR INEFFICIENCIES OF THE INFORMATION SHOWN HEREON. THE DESIGNER WITH RESPECT TO ABOVE GROUND MONUMENTS OF SUCH UTILITIES IS BASED UPON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS, AND IS SHOWN HEREON.

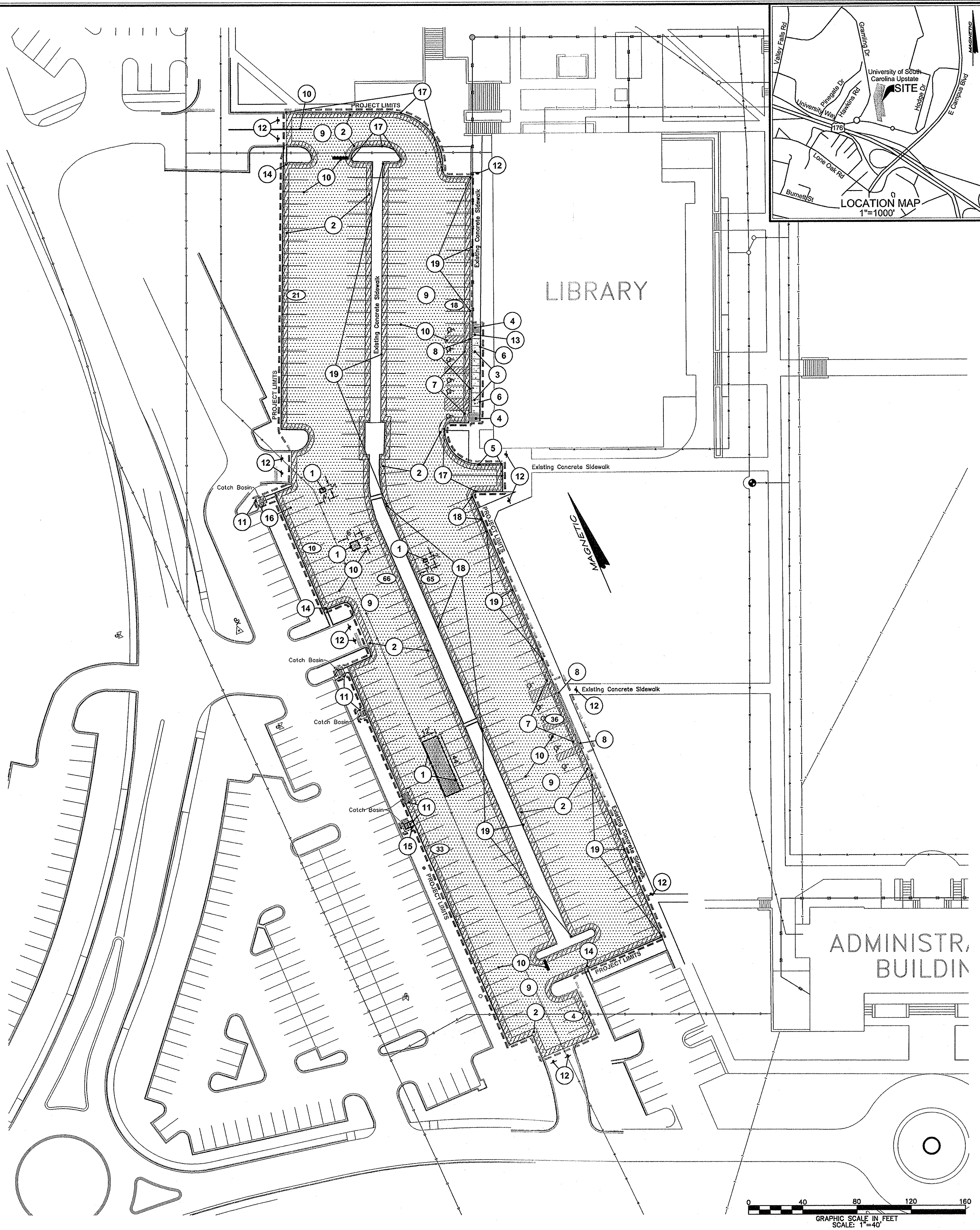
**South Carolina 811**  
Call 811 Before you Dig

3 DAYS BEFORE DIGGING IN SOUTH CAROLINA  
**CALL 811**  
CONTRACTOR SHALL CONTACT THE UNDERGROUND LOCATORS EVERY  
10 DAYS FOR AN UPDATE TO UTILITY LOCATIONS.

1. INSTALL EROSION CONTROL MEASURES.
2. PATCH/REPAIR ASPHALT IN DESIGNATED AREAS.
3. REMOVE CONCRETE SIDEWALK AND INSTALL DEPRESSED ACCESSIBLE SIDEWALK AND RAMPS.
4. REPLACE EXISTING CURB & GUTTER TO BE DEMOLISHED.
5. CONSTRUCT CURB AROUND EXISTING CATCH BASIN.
6. REPAIR ASPHALT ADJACENT TO EXISTING CURB AND SIDEWALKS.
7. OVERLAY PARKING AREA WITH 2" ASPHALTIC COURSE.
8. APPLY PARKING SPACE STRIPING AND PAVEMENT MARKINGS.
9. PERFORM FINAL SITE CLEANUP.

	QUANTITIES
PARKING STRIP PAINT	4,320 L.F.
TACK COAT & ASPHALT OVERLAY	83,400 S.F.
ACCESSIBLE PARKING SYMBOLS	12
PAVEMENT TRAFFIC MARKINGS	
STOP BARS	2
DOUBLE SOLID YELLOW LANE LINE	20 L.F.
STRIPED ACCESSIBLE ISLANDS	600 S.F.
ACCESSIBLE RAMP	2
CURBING	
HEADER	91 L.F.
CURB & GUTTER	18 L.F.
CURB PAINTING	1280 L.F.
DETECTABLE WARNING STRIPS	225 S.F.
PAVEMENT PATCHING	582 S.F.

- 1) PARKING LOT TO BE RESTRIPTED AS EXISTING. THESE PLANS MAY NOT REFLECT EXISTING PARKING COUNT. CONTRACTOR SHALL VERIFY THE NUMBER COUNT ON SITE.
- 2) THE CONTRACTOR SHALL NOTIFY FRED SCOTT OF UNIVERSITY OF SOUTH CAROLINA UPSTATE (864-503-5538) 48 HOURS PRIOR TO STARTING WORK.
- 3) CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING UTILITIES, EXISTING CURB, DRIVE PAVEMENT, DRIVE AREAS, AND SIDEWALKS TO ENSURE TRAFFIC DOES NOT DISRUPT THE WORK IN PROGRESS. CONTRACTOR SHALL COORDINATE WITH FRED SCOTT OF UNIVERSITY OF SOUTH CAROLINA UPSTATE (864-503-5538).
- 4) CONTRACTOR SHALL COORDINATE WITH THE UNIVERSITY OF SOUTH CAROLINA AND SUBCONTRACTOR TO DETERMINE ACCEPTABLE PROCEDURE FOR APPLYING PAVEMENT MARKINGS PRIOR TO THE RECOMMENDED ASPHALT CURING PERIOD. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE NEW ASPHALT THAT MAY BE CAUSED BY IMPROPER APPLICATION OF PAVEMENT MARKINGS.
- 5) CONTRACTOR SHALL NOTIFY PUPS, METROPOLITAN WATER DISTRICT (864-501-0822) AND USC UPSTATE FACILITIES MANAGEMENT (864-503-5500) A MINIMUM THREE(3) DAYS PRIOR TO DIGGING.



- 1 APPROXIMATE AREA OF ASPHALT REPAIR, SAWCUT, DEMOLISH ASPHALT AS DIMENSIONED AND RE-PAVE ASPHALT TO MATCH EXISTING GRADES PER PAVEMENT SECTION DETAIL. SEE DEMOLITION NOTES. ALL CONNECTIONS TO EXISTING PAVEMENT SHALL BE JOINT SEALED.
- 2 CROSS-HATCHED AREA INDICATES 4' WIDE TAPERED MILL TO EXISTING ASPHALT. SEE NOTE 9.
- 3 NEW 8' WIDE, 4" THICK 3000 PSI CONCRETE SIDEWALK FLUSH WITH ASPHALT OVERLAY FOR DEPRESSED ACCESSIBLE SIDEWALK (SEE DETAILS). CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT 6' O.C.. INSTALL EXPANSION JOINTS AT 30' O.C. (UNLESS OTHERWISE SHOWN) AND AT RAMPS. MAXIMUM CROSS SLOPE = 2.0% (TYPICAL)
- 4 NEW ACCESSIBLE RAMP. (SEE DETAIL) (TYPICAL). MAXIMUM ALLOWABLE SLOPE IS 8.33% (1:12).
- 5 SAW CUT AND REMOVE EXISTING CURB. INSTALL NEW CONCRETE "L" TYPE CURB AND GUTTER TO MATCH EXISTING. CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT 6' O.C. TO LINE UP WITH JOINTS IN SIDEWALK. INSTALL EXPANSION JOINTS AT 30' O.C., MATCH SIDEWALK JOINT LOCATION. (TYPICAL) (SEE DETAIL)
- 6 NEW 6" WIDE BY 12" TALL CONCRETE HEADER CURB AT BACK OF ACCESSIBLE SIDEWALK. CONTRACTOR SHALL INSTALL CONTRACTION JOINTS AT 6' O.C. TO LINE UP WITH JOINTS IN SIDEWALK. INSTALL EXPANSION JOINTS AT 30' O.C. (TYPICAL) (SEE DETAIL)
- 7 NEW CONCRETE WHEELSTOP AT ALL ACCESSIBLE PARKING STALLS. (TYPICAL) (SEE DETAIL)
- 8 INSTALL DETECTABLE WARNING SURFACE AT DEPRESSED ACCESSIBLE SIDEWALK ADJACENT TO ASPHALT. WARNING SURFACE COLOR TO BE YELLOW.
- 9 AREA TO BE RESURFACED WITH TACK COAT AND 2" THICK ASPHALTIC COURSE, TYPE 1, (SCOD, SECT. 403). CONTRACTOR SHALL ENSURE THAT THE EXISTING PAVEMENT IS CLEAN AND FREE OF LOOSE PARTICLES BEFORE APPLICATION OF THE TACK COAT. PAVEMENT ADJACENT TO EXISTING CURBING, DRAINAGE STRUCTURES, AND CONCRETE WALKS SHALL BE MILLED TO A MAXIMUM DEPTH OF 2", MINIMUM WIDTH 4' TAPERING BACK TO EXISTING PAVEMENT PRIOR TO INSTALLATION OF 2" ASPHALTIC OVERLAY SURFACE.
- 10 PARKING STALL STRIPING TO BE RE-PAINTED TO MATCH EXISTING SIZE AND LOCATION. SEE PARKING LOT STRIPING NOTES. ALSO, INCLUDES STOP BARS, AND ACCESSIBLE SPACES PAVEMENT MARKINGS. (TYPICAL)
- 11 INSTALL DROP INLET SEDIMENT FILTER. SEE DETAIL.
- 12 CONTRACTOR SHALL PROVIDE SIGNAGE AND TRAFFIC CONTROL TO PREVENT PEDESTRIAN AND VEHICULAR TRAFFIC FROM ENTERING PROJECT SITE.
- 13 EXISTING CLEAN-OUT TO BE LOWERED TO MATCH NEW CONCRETE SIDEWALK ELEVATION. CONTRACTOR TO USE CAUTION NOT TO DAMAGE EXISTING SERVICE LINE.
- 14 INSTALL SEDIMENT CONTROL TUBE AT FLUME.
- 15 6" WIDE BY 12" TALL CONCRETE HEADER CURB TO BE CONSTRUCTED AROUND EXISTING CONCRETE AND CATCH BASIN. BACKFILL BACK SIDE OF CURB.
- 16 CONTRACTOR TO ADJUST ASPHALT OVERLAY THICKNESS IN THIS AREA TO ENSURE POSITIVE DRAINAGE TO FUTURE MINIMUM THICKNESS 2". THERE IS SOME SEDIMENT ACCUMULATION IN THIS AREA FROM PONDING OF STORMWATER.
- 17 REPAINT CURB YELLOW AS SHOWN ON PLAN.
- 18 REPAINT CURB WHITE AS SHOWN ON PLAN.
- 19 REPAINT CURB GREEN AS SHOWN ON PLAN.

NAME \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT LIMITS

AREA OF 4" WIDE TAPERED MILL

9  
APPROXIMATE AREA OF TACK COAT AND 2" ASPHALTIC OVERLAY RESURFACING COURSE

1  
APPROXIMATE AREA OF PAVEMENT TO BE DEMOLISHED AND REPAVED PER DETAIL

1. ALL PARKING LOT STRIPING SHOWN SHALL BE PERFORMED BY THE CONTRACTOR USING WHITE TRAFFIC MARKING PAINT UNLESS NOTED OTHERWISE BELOW. PAINT SHALL BE SHERWIN-WILLIAMS "PRO-MARK" TRAFFIC MARKING PAINT OR EQUIVALENT. PAINT SHALL BE APPLIED IN THICKNESS INCHES WIDE APPLIED IN STRIP TO ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. ITEMS TO BE PAINTED WHITE INCLUDE: PARKING STALLS, STOP BARS, AND WHITE PAINTED CURBING AS SHOWN ON PLAN.
3. STRIPED ISLANDS TO BE PAINTED AS EXISTING.
4. ITEMS REQUIRING YELLOW PAINT INCLUDE EXISTING YELLOW PAINTED CURBING AS SHOWN ON PLAN, WHEEL STOPS, AND DOUBLE SOLID LAINE STRIPING.
5. ITEMS REQUIRING BLUE PAINT INCLUDE EXISTING HANDICAP PARKING STALLS, SYMBOLS, AND STRIPED ISLANDS.
6. ITEM REQUIRING GREEN PAINT INCLUDE GREEN PAINTED CURBING AS SHOWN ON PLAN.

- 1) THE CONTRACTOR SHALL FIELD VERIFY ALL ASPHALT TO BE DEMOLISHED AND REMOVE FROM THE SITE. THE VERIFICATION PROCESS SHALL INCLUDE VISITING AND WALKING THE SITE. ALL ITEMS REQUIRING REMOVAL/REMOVAL, WHETHER SHOWN ON THIS PLAN OR NOT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 2) ALL EXISTING CONCRETE AND/OR ASPHALT PAVEMENT TO BE REMOVED SHALL BE DISPOSED OF OFF-CAMPUS PROPERTY BY THE CONTRACTOR.
- 3) THE CONTRACTOR SHALL CONSULT THE OWNER REGARDING SALVAGE. ANY ITEMS NOT RETAINED BY THE OWNER SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEMOLISH AND/OR LEGALLY DISPOSE OF OFF-CAMPUS PROPERTY.
- 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 ALL NECESSARY PERMITS.
- 6) ALL DEMOLITION MATERIAL SHALL BE DISPOSED OF OFF-CAMPUS PROPERTY BY THE CONTRACTOR.

1) BASE MAP PROVIDED BY UNIVERSITY OF SOUTH CAROLINA.  
2) GOOGLE MAPS AREIAL PHOTOS.

- 1) THE LOCATION OF OTHER UNDERGROUND UTILITIES AND THEIR SERVICES ARE UNKNOWN.
- 2) IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT THEY AND THEIR SUBCONTRACTORS HAVE THE CORRECT/LAST REVISED PLANS AVAILABLE.
- 3) IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER/OPERATOR FOR UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION.
- 4) NO FIELD WORK DONE BY COX AND DINKINS, INC.

[illegible]

DEVELOPER:

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

## CONSTRUCTION PLANS

UNIVERSITY OF SOUTH CAROLINA UPSTATE  
DM12 UPSTATE PARKING LOT 4 & 5 REPAIR / RESURFACE  
H34-9543-JM-C / CP00365809 / FM00413385

443-JM-C / CP00365809 / FM00413385  
LOCATED IN SPARTANBURG  
SPARTANBURG COUNTY, SOUTH CAROLINA

# SITE PLAN

TMS 6-08-00-010.01	
BOOK N/A	SF NO. N/A
PROJECT NO. 1681	SHEET NO. <b>C2 of 3</b>
DATE 2/12/2013	



