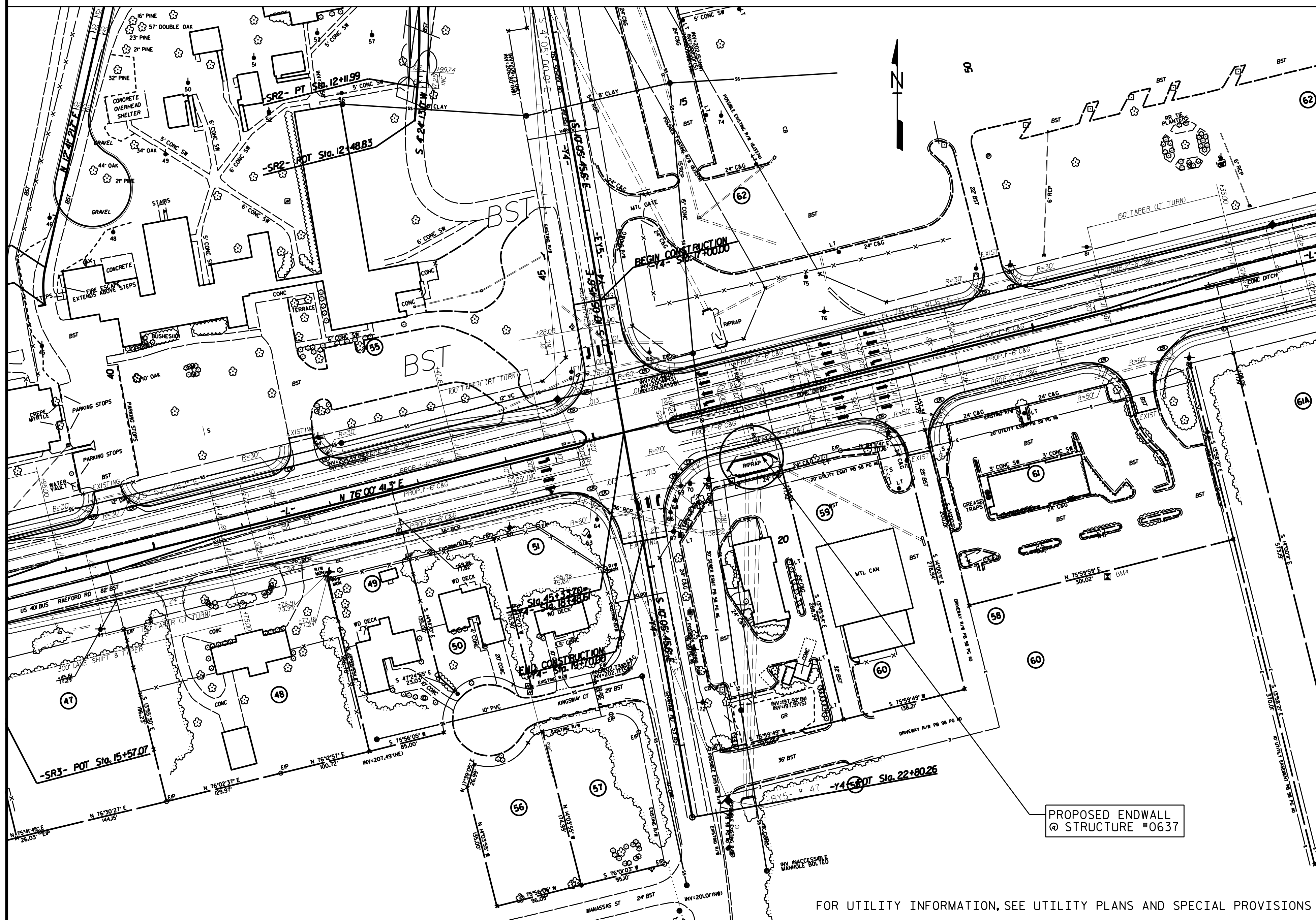


BM3 ELEVATION = 217.46, N 468445 E 1998334, -L- STATION 50+14.00, 284 RIGHT BENCH TIE SET IN TREE



LOCATION SKETCH

FOR UTILITY INFORMATION, SEE UTILITY PLANS AND SPECIAL PROVISIONS

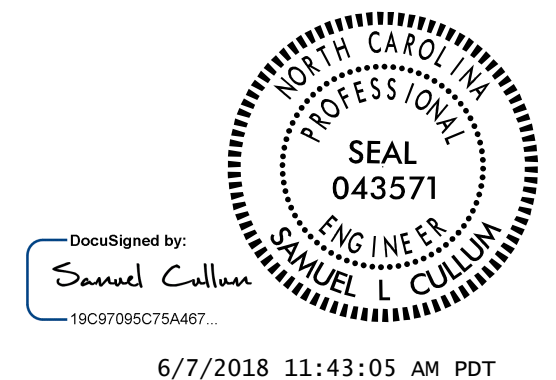
NOTES:

- WORK THESE SHEETS WITH ROADWAY PLANS.
- FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTES SHEET.
- THE RESIDENT ENGINEER SHALL CHECK THE LOCATION OF ENDWALLS BEFORE STAKING THEM OUT TO MAKE CERTAIN THAT THEY WILL PROPERLY TAKE CARE OF THE FILL.
- THE CONTRACTOR SHALL PROVIDE INDEPENDENT ASSURANCE SAMPLES OF REINFORCING STEEL AS FOLLOWS: FOR PROJECTS REQUIRING UP TO 400 TONS OF REINFORCING STEEL, ONE 30 INCH SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS OF REINFORCING STEEL, TWO 30 INCH SAMPLES OF EACH SIZE BAR USED, THE BARS FROM WHICH THE SAMPLES ARE TAKEN MUST THEN BE SPLICED WITH REPLACEMENT BARS OF THE SIZE AND LENGTH OF THE AMPLE, PLUS A MINIMUM LAP SPLICE OF THIRTY BAR DIAMETERS. PAYMENT FOR THE SAMPLES OF REINFORCING STEEL SHALL BE CONSIDERED INCIDENTAL TO VARIOUS PAY ITEMS.
- IF APPROVED BY THE ENGINEER, THE CONTRACTOR MAY USE THE EXISTING ENDWALLS AS TEMPORARY SHORING FOR THE CONSTRUCTION OF THE PROPOSED ENDWALLS.
- 3" DIAMETER WEEP HOLES INDICATED TO BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
- FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
- FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS.
- FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
- FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

**KCA** 4800 SIX FORKS ROAD SUITE 120  
 KISINGER CAMPO & ASSOCIATES RALEIGH, NC 27609  
 (919) 882-7839

DRAWN BY : DIEGO A. AGUIRRE DATE : 5-4-18  
 CHECKED BY : JACOB H. DUKE DATE : 5-7-18  
 DESIGN ENGINEER OF RECORD : SAMUEL L. CULLUM DATE : 5-7-18

6/7/2018 M:\4201512.06.NC-U4405\Structures\SA-Endwall\420.001.U4405.SMU.RW01.C2-1.0637.dgn User:scullum



6/7/2018 11:43:05 AM PDT

PROJECT NO. U-4405  
 CUMBERLAND COUNTY  
 STATION: -L- 46+69 RT

SHEET 1 OF 3 ENDWALL AT DRAINAGE STRUCTURE #0637

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STRUCTURE #0637  
 REINFORCED CONCRETE  
 END WALL  
 LOCATION SKETCH

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C2-1
1			3			TOTAL SHEETS
2			4			3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED