

LOCATION SKETCH

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 (360,000 KG) OF REINFORCING STEEL, ONE 30 INCH (760 MM) SAMPLE OF EACH SIZE BAR USED, AND FOR PROJECTS REQUIRING OVER 400 TONS (360,000 KG) OF REINFORCING STEEL, TWO 30 INCH (760 MM) SAMPLES OF EACH SIZE BAR USED. THE SAMPLE BARS SHOULD COME FROM STEEL ACTUALLY USED IN THE PROJECT AND THE SAMPLE BARS SHOULD BE REPLACED BY SPLICE BARS AS SPECIFIED IN THE SAMPLE BAR REPLACEMENT CHART. PAYMENT FOR THE SAMPLE BARS AND REPLACEMENT 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.

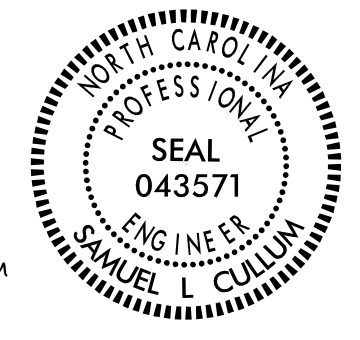
SAMPLE BAR REPLACEMENT	
SIZE	LENGTH
#3	6'-2"
#4	7'-4"
#5	8'-6"
#6	9'-8"
#7	10'-10"
#8	12'-0"
#9	13'-2"
#10	14'-6"
#11	15'-10"

NOTE:
 SAMPLE BAR REPLACEMENT LENGTHS BASED ON 30" (SAMPLE LENGTH) PLUS TWO SPLICE LENGTHS AND $f_y = 60$ ksi.

DRAWN BY : DIEGO A. AGUIRRE DATE : 2/22/2019
 CHECKED BY : JACOB H. DUKE DATE : 2/22/2019
 DESIGN ENGINEER OF RECORD: SAMUEL L. CULLUM DATE : 2/22/2019

8/23/2021
 U4405A.SMU.RW01.C2.0637.dgn
 daguirre

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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 RALEIGH, NC 27601 (919) 882-7839
 NC FIRM LICENSE: C-1506

PROJECT NO. U-4405A
 CUMBERLAND COUNTY
 STATION: -L- 46+64 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