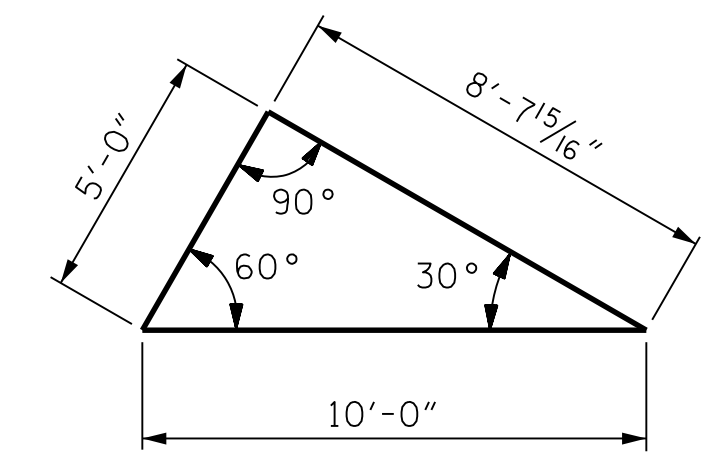


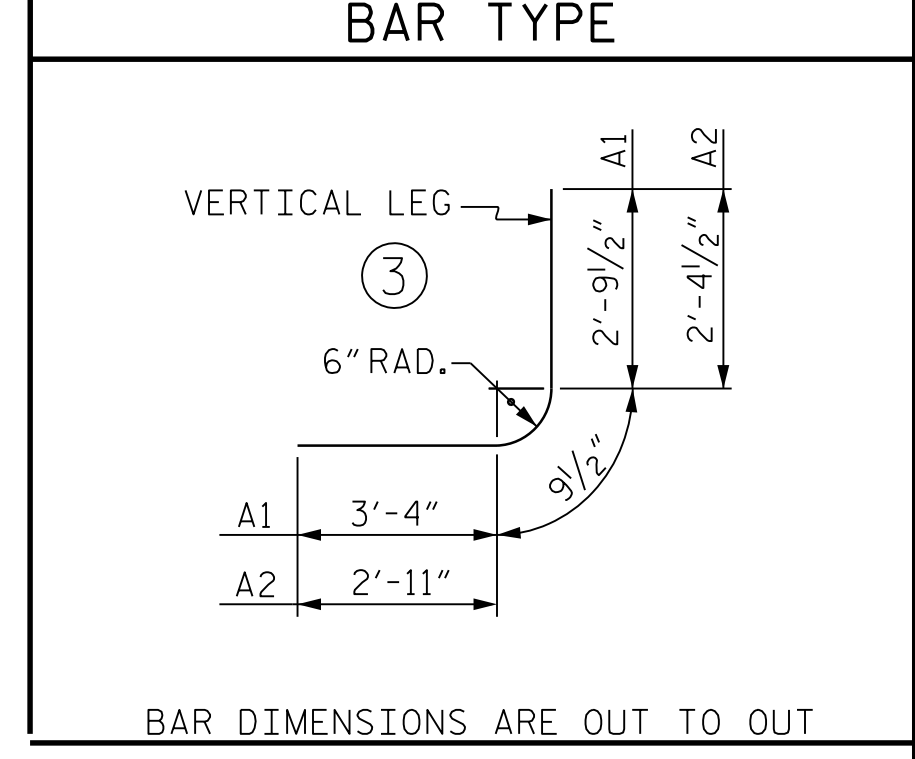
STRUCTURE QUANTITIES		
STAGE III		
FOUNDATION COND. MAT'L	90	TONS
CULVERT EXCAVATION	LUMP SUM	
CLASS A CONCRETE		
BARREL @ 0.864 CY/FT	89.0	C.Y.
TOTAL	89.0	C.Y.
REINFORCING STEEL		
BARREL	9,592	LBS.
TOTAL	9,592	LBS.

REINFORCING BAR SCHEDULE					
STAGE III					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	274	#4	3	6'-11"	1266
A2	274	#4	3	6'-1"	1113
A100	131	#5	STR	8'-0"	1093
A101	2	#5	STR	7'-2"	15
A102	2	#5	STR	5'-10"	12
A103	2	#5	STR	4'-6"	9
A104	2	#5	STR	3'-3"	7
A105	2	#5	STR	1'-11"	4
A200	131	#5	STR	8'-0"	1093
A201	2	#5	STR	7'-2"	15
A202	2	#5	STR	5'-10"	12
A203	2	#5	STR	4'-6"	9
A204	2	#5	STR	3'-3"	7
A205	2	#5	STR	1'-11"	4
B1	206	#4	STR	8'-4"	1147
B2	274	#4	STR	6'-4"	1159
C1	136	#4	STR	27'-1"	2460
S1	12	#6	STR	9'-3"	167



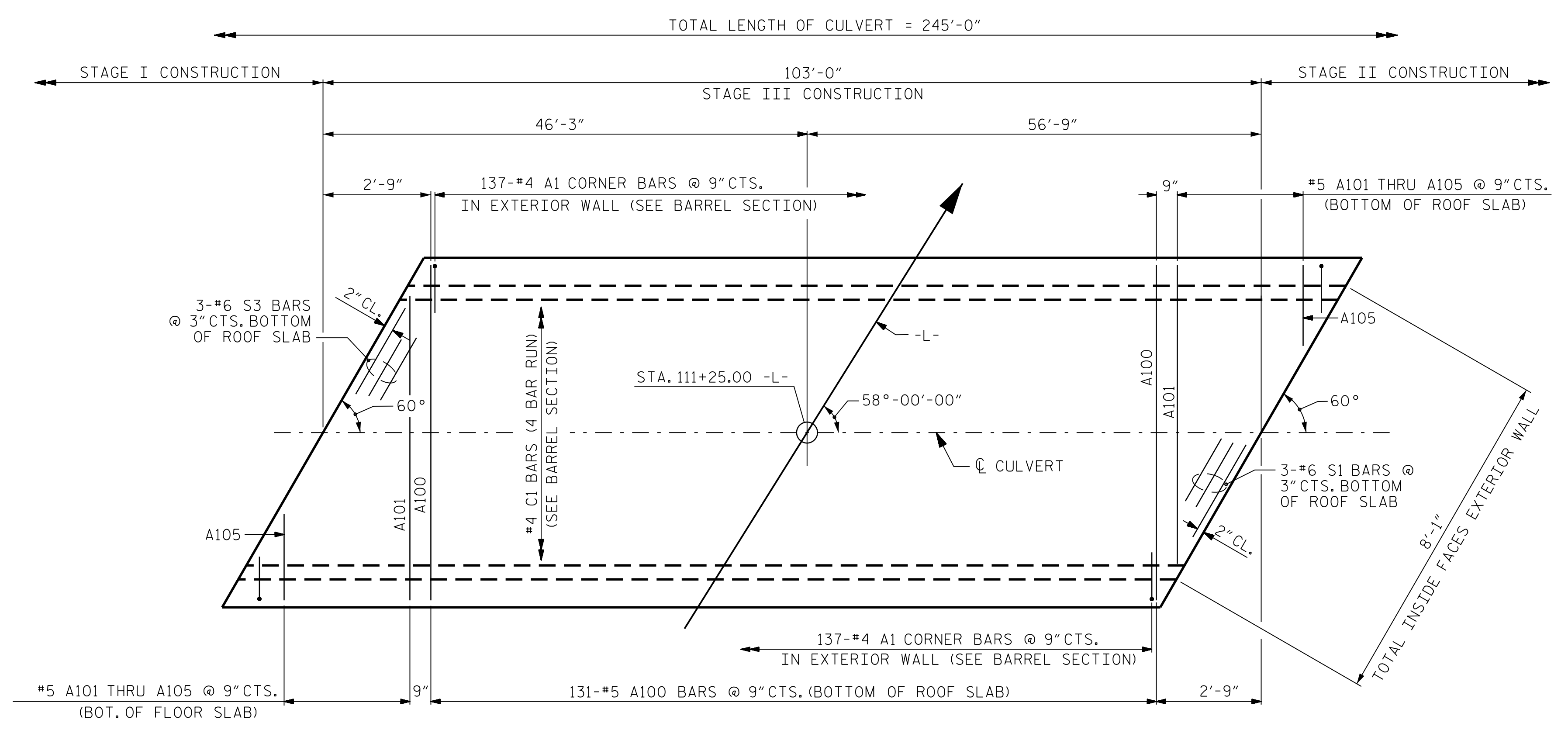
SKIEW TRIANGLE

REINFORCING STEEL LBS. 9,592

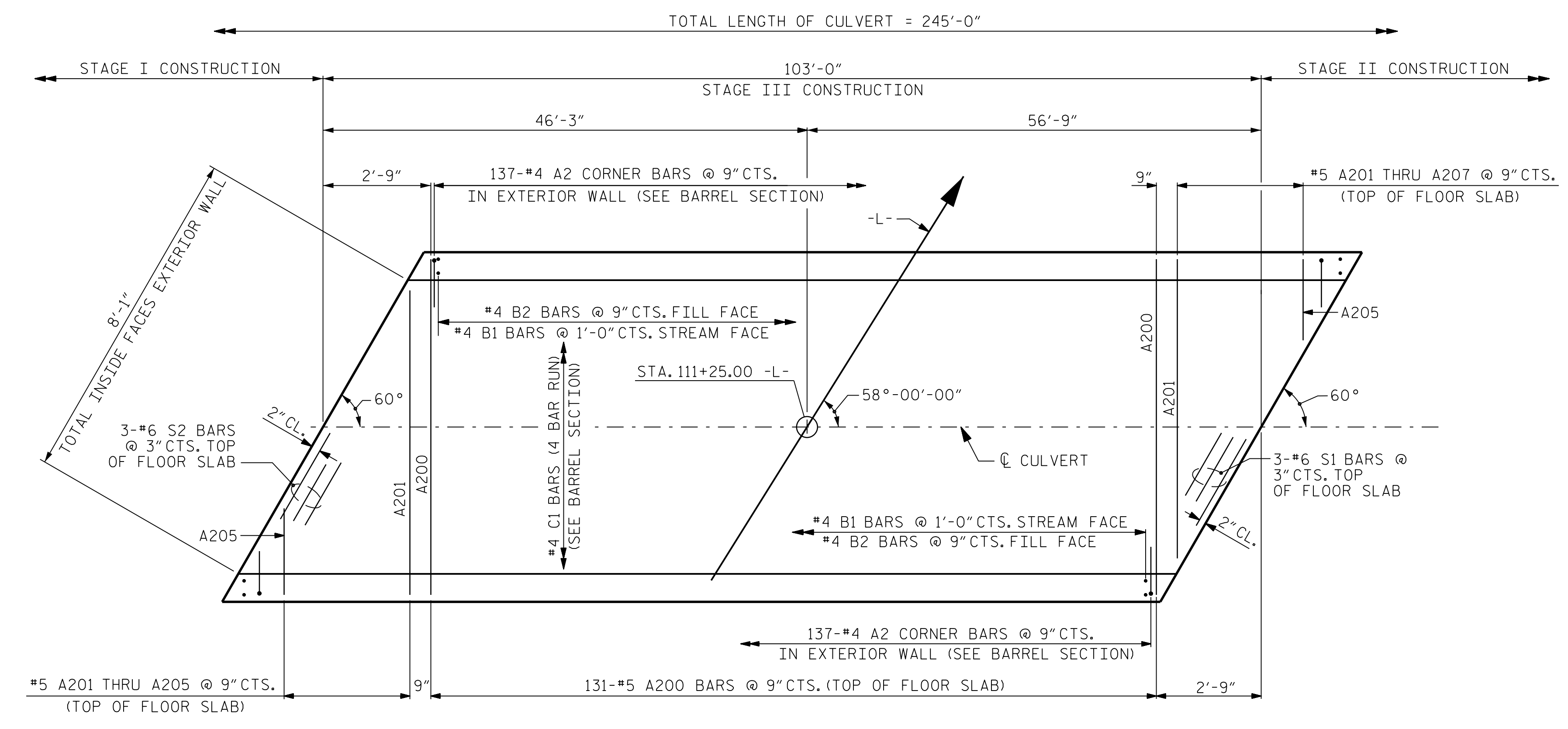


SPLICE LENGTHS CHART

BAR	SIZE	SPLICE LENGTH
C1	#4	1'-10"



STAGE III - PLAN OF ROOF SLAB



STAGE III - PLAN OF FLOOR SLAB

PROJECT NO. I-5987A
ROBESON COUNTY
 STATION: 111+25.00 -L-
 SHEET 5 OF 8

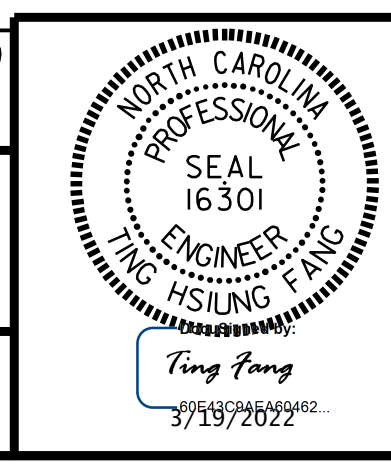
STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 BARREL STANDARD
 SINGLE 7 FT. X 7 FT.
 CONCRETE BOX CULVERT
 STAGE III

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CDM Smith
 CDM SMITH
 5400 Glenwood Avenue, Suite 400
 Raleigh, NC 27612-3228
 NC COA No. F-1255

DRAWN BY: JJR DATE: 8/21
 CHECKED BY: THF DATE: 8/21
 DESIGN ENGINEER: VDK DATE: 9/21

DWG. No.



REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. **C19-5**
 TOTAL SHEETS **8**