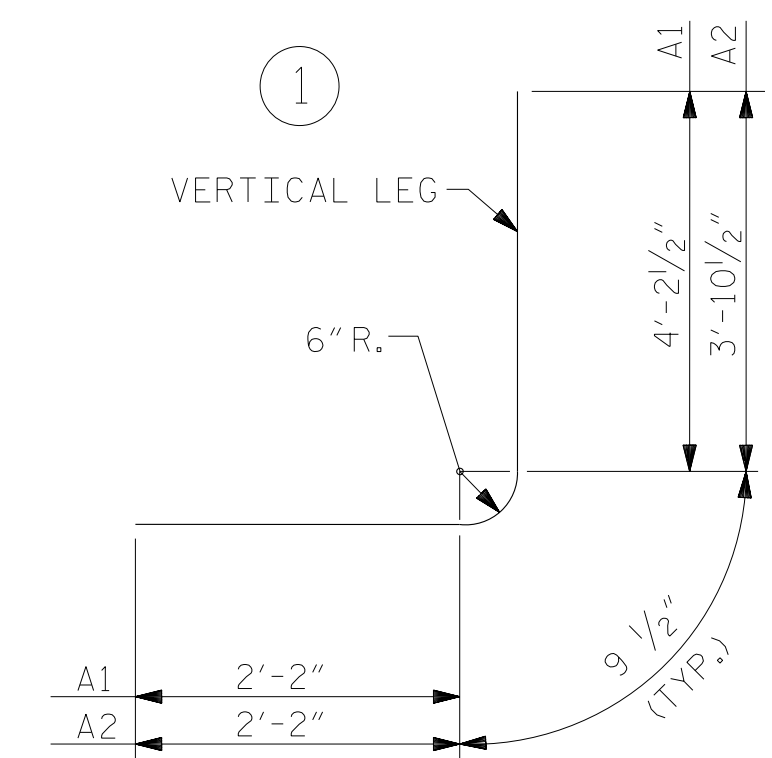


**RIGHT ANGLE SECTION OF BARREL**

THERE ARE 55 "C" BARS IN SECTION OF BARREL.

**BAR TYPES**



**BILL OF MATERIAL**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	152	#5	1	7'-2"	1136
A2	152	#5	1	6'-10"	1083
A100	76	#5	STR.	15'-8"	1242
A200	76	#5	STR.	15'-8"	1242
A300	76	#5	STR.	15'-8"	1242
A400	76	#5	STR.	15'-8"	1242
B1	102	#4	STR.	6'-6"	443
B3	101	#4	STR.	6'-6"	439
C1	110	#4	STR.	26'-0"	1910
G1	8	#5	STR.	15'-8"	131
REINFORCING STEEL					10110 LBS

ALL BAR DIMENSIONS ARE OUT TO OUT.

**SPLICE LENGTHS CHART**

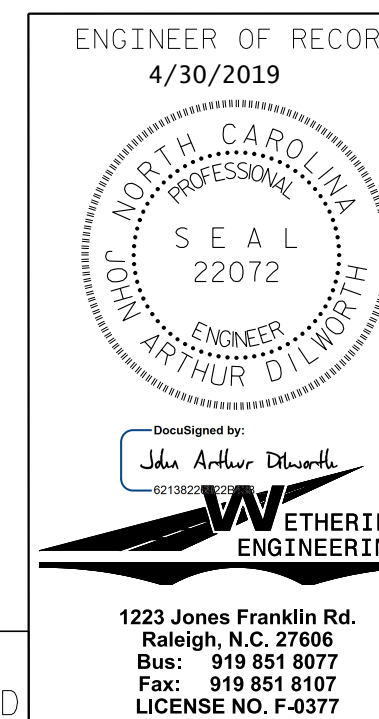
BAR	SIZE	SPLICE LENGTH
A200	5	2'-2"
A400	5	2'-2"
B1	4	1'-9"
C1	4	1'-11"

PROJECT NO. R-4705

MARTIN COUNTY

STATION: 53+70.00 -L-

SHEET 4 OF 5



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**BARREL REINFORCEMENT  
DOUBLE 7 FT. X 5 FT.  
CONCRETE BOX CULVERT  
90° SKEW**

**REVISIONS**

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			C4
2			4			TOTAL SHEETS 5

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

DRAWN BY : A.J. KLINK DATE : 11/18  
CHECKED BY : J.A. DILWORTH DATE : 11/18