

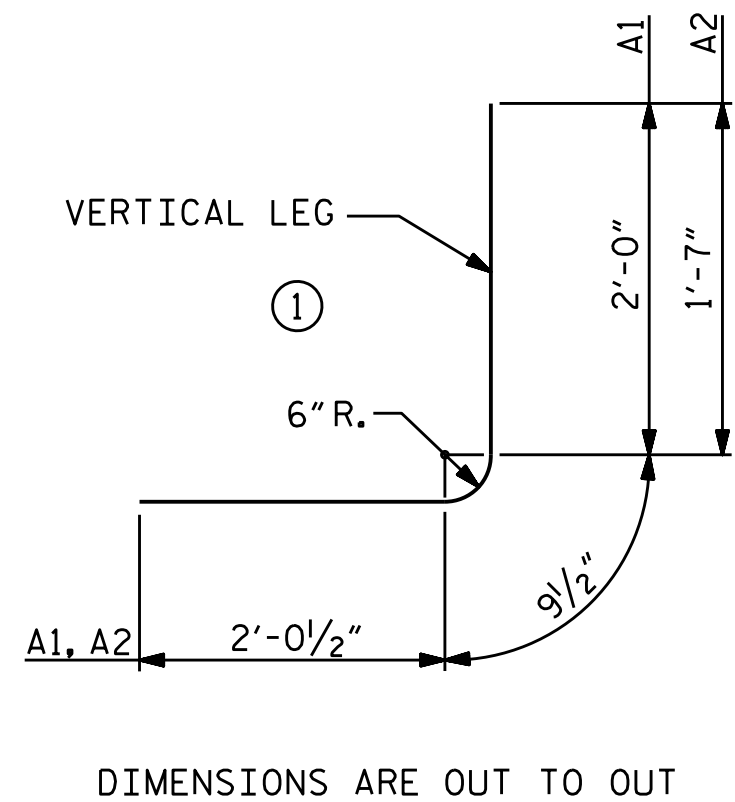
**RIGHT ANGLE SECTION OF BARREL**

THERE ARE 30 "C" BARS IN SECTION OF BARREL

BAR TYPE		BILL OF MATERIAL				
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	
A100	129	#4	STR	7'-0"	603	
A101	4	#4	STR	5'-7"	15	
A102	4	#4	STR	3'-11"	10	
A103	4	#4	STR	2'-4"	6	
A200	172	#4	STR	7'-0"	804	
A201	6	#4	STR	5'-3"	21	
A202	6	#4	STR	3'-6"	14	
A203	6	#4	STR	1'-8"	7	
A1	174	#4	1	4'-10"	562	
A2	174	#4	1	4'-5"	513	
B1	138	#4	STR	6'-10"	630	
B2	174	#4	STR	5'-4"	620	
C1	90	#4	STR	24'-2"	1453	
E1	16	#5	STR	4'-0"	67	
E2	16	#5	STR	4'-7"	76	
G1	4	#4	STR	8'-3"	22	
S2	12	#8	STR	8'-3"	264	
<b>TOTAL REINFORCING STEEL</b>					<b>5687 LBS</b>	

SPlice LENGTH CHART		
BAR	SIZE	SPLICE LENGTH
B1	#4	1'-5"
C1	#4	1'-11"



REVISED 8-28-92 BY E.L.R. CHECKED BY G.R.P.  
 REVISED 8-22-89 BY A.R.B. CHECKED BY C.R.K.  
 REDRAWN 8-22-89  
 REVISED 11-19-99 BY M.M. CHECKED BY R.W.W.

ASSEMBLED BY : P. N. HOLDER DATE : 10/15  
 CHECKED BY : A.K. PATEL DATE : 10/15  
 DESIGN ENGINEER OF RECORD : P.N. HOLDER DATE : 10/15



Documented by:  
 A. Keith Paschal  
 FB6A0R0B2FC48F

8/9/2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. R-5023B  
ONslow COUNTY  
 STATION: 87+41.00 -L-

SHEET 5 OF 6

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 BARREL STANDARD  
 SINGLE 6 FT. X 6 FT.  
 CONCRETE BOX CULVERT  
 122° SKEW  
 1971

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-5
1			3			TOTAL SHEETS
2			4			6