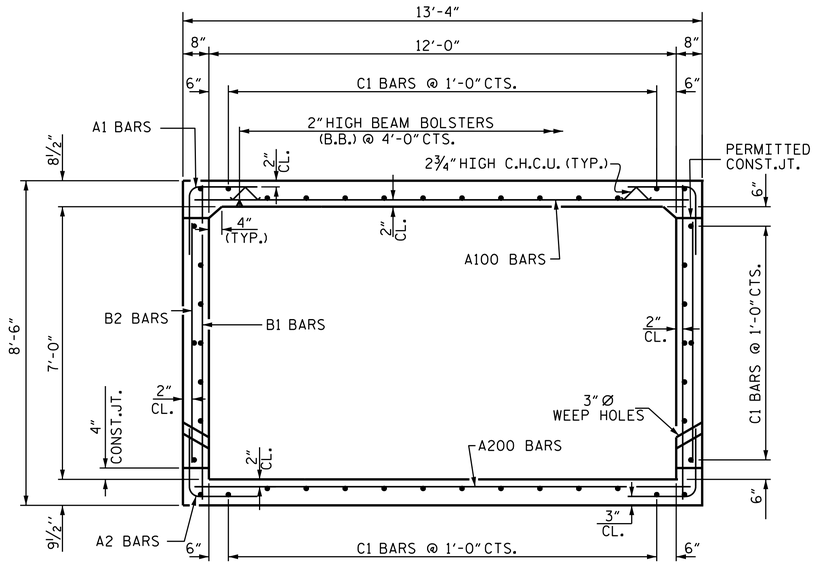
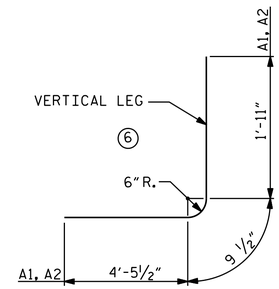


RIGHT ANGLE SECTION OF BARREL

THERE ARE 44 "C" BARS IN SECTION OF BARREL

BAR TYPE



DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
A100	115	#7	STR	12'-11"	3036
A101	4	#7	STR	9'-10"	80
A102	4	#7	STR	6'-11"	57
A103	4	#7	STR	4'-0"	33
A200	135	#7	STR	12'-11"	3564
A201	4	#7	STR	10'-2"	83
A202	4	#7	STR	7'-9"	63
A203	4	#7	STR	5'-3"	43
A204	4	#7	STR	2'-9"	22
A1	290	#5	6	7'-2"	2168
A2	290	#5	6	7'-2"	2168
B1	146	#4	STR	8'-0"	780
B2	290	#5	STR	6'-4"	1916
C1	132	#4	STR	25'-4"	2234
G1	4	#4	STR	14'-0"	37
S2	12	#8	STR	14'-0"	449
TOTAL REINFORCING STEEL					16,733 LBS

PROJECT NO. R-3620

WASHINGTON COUNTY

STATION: 148+73.00 -L-

SHEET 3 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

BARREL STANDARD

SINGLE 12 FT. X 7 FT. CONCRETE BOX CULVERT 112° SKEW

5/1/2014

NORTH CAROLINA PROFESSIONAL SEAL 025516 ENGINEER EMILY E. MURRAY

DocuSigned by: Emily Murray
CAEB97AEDC5B4E0...

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

STR. #1 STD. NO. CB221A

REVISED 11-13-91 BY E.L.R. CHECKED BY G.R.P.
ADDED 8-22-89

ASSEMBLED BY : N. D'Aiuto DATE : 2/13/13
CHECKED BY : M.AHMED DATE : 3/12/13

DRAWN BY : R. WRIGHT DATE : AUG. 1989
CHECKED BY : C.R.K. DATE : AUG. 1989

01-MAY-2014 09:16
R:\Structures\Plans\FinalPlans\R3620_SD_CD.dgn
emurray