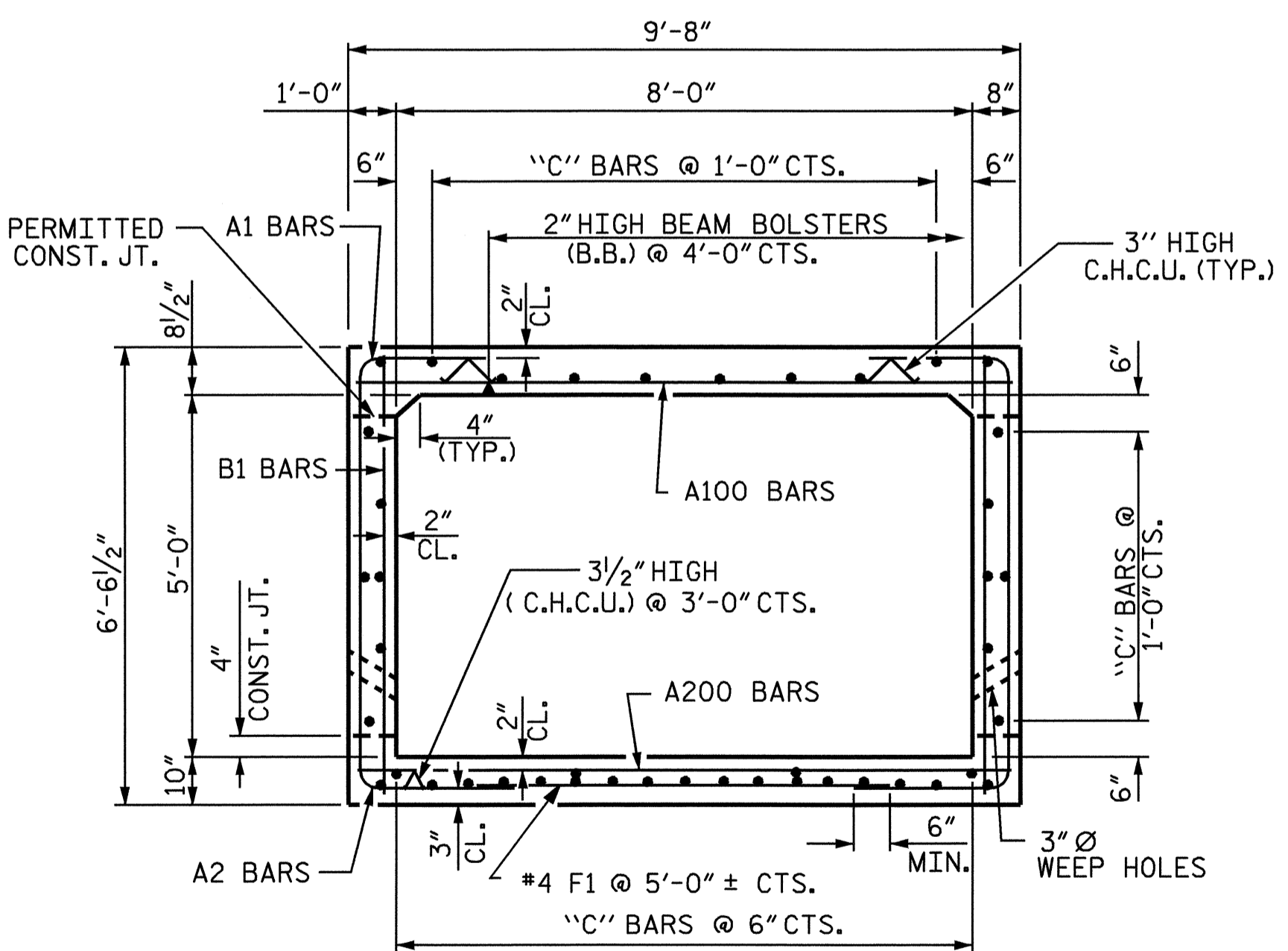
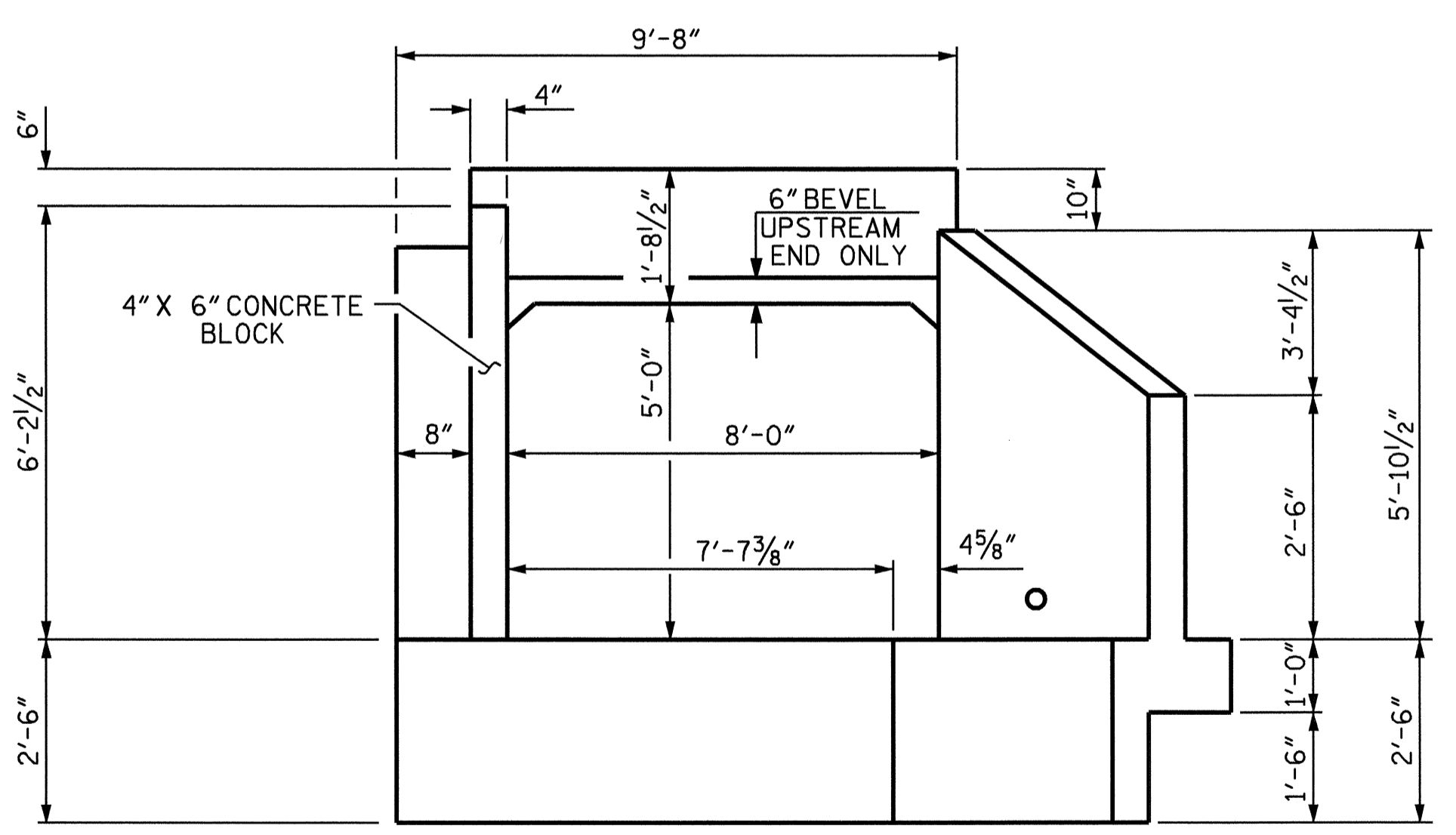


CULVERT SECTION ALONG C CULVERT

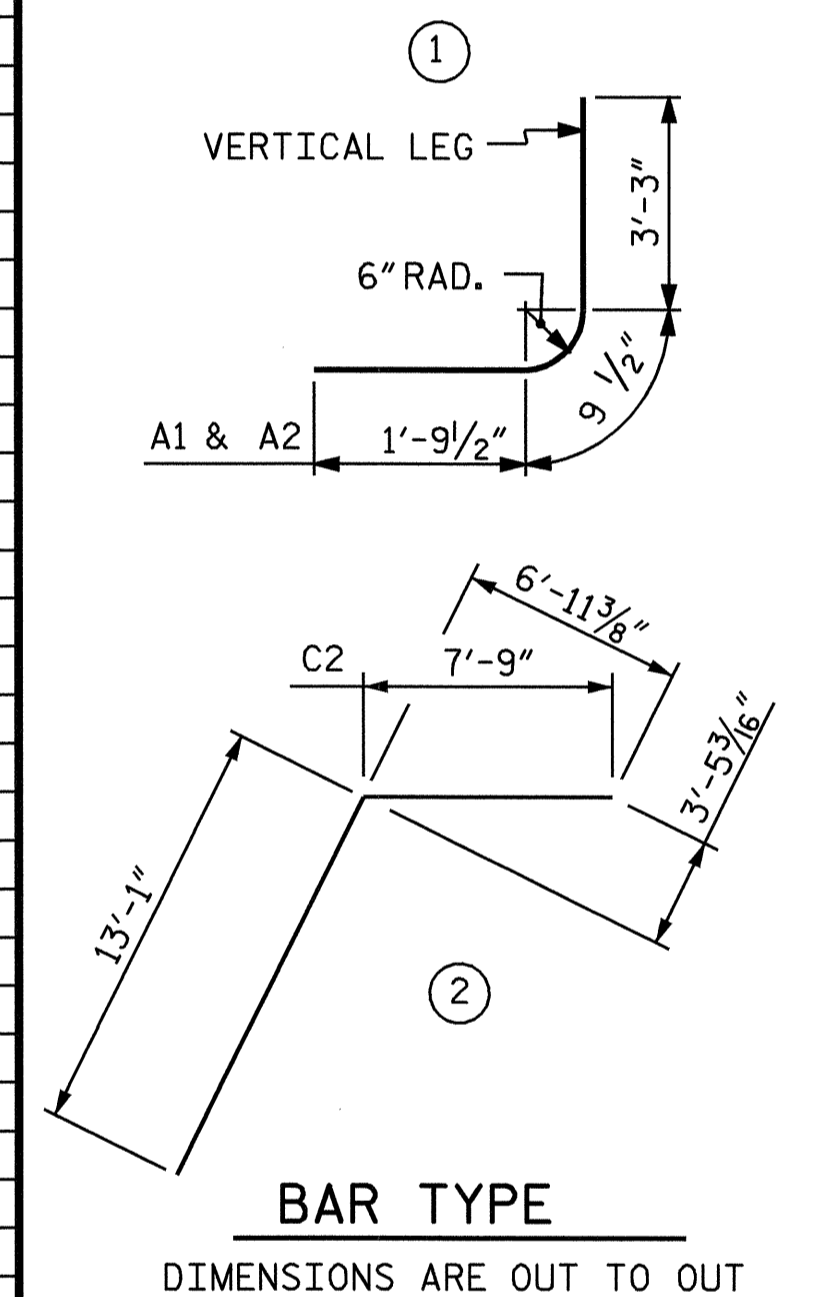


RIGHT ANGLE SECTION OF BARREL
 THERE ARE 43 1/2" BARS IN SECTION OF BARREL



END ELEVATION NORMAL TO SKEW

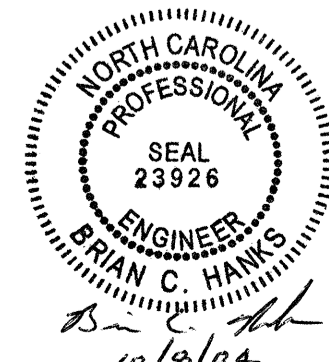
BILL OF MATERIAL					
LEFT EXTENSION-BARREL					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
A1	166	#5	1	5'-10"	1010
A2	166	#5	1	5'-10"	1010
LEFT EXTENSION QUANTITIES					
CLASS A CONCRETE					
BARREL					40.8 C.Y.
4" X 6" CONCRETE BLOCK					0.3 C.Y.
WING, ETC.					4.0 C.Y.
TOTAL					45.1 C.Y.
REINFORCING STEEL					
BARREL					7391 LBS.
WING, ETC.					172 LBS.
TOTAL					7563 LBS.
FOUNDATION CONDITIONING MATL. 35.0 TONS					
SPlice LENGTH CHART					
BAR	SIZE	SPlice LENGTH			
B1	#4	1'-9"			
C	#4	1'-11"			
A200	95	#5	STR	9'-4"	925
A201	2	#5	STR	7'-8"	16
A202	2	#5	STR	6'-1"	13
A203	2	#5	STR	4'-6"	9
A204	2	#5	STR	2'-11"	6
A205	2	#5	STR	9'-1"	19
A206	2	#5	STR	8'-4"	17
A207	2	#5	STR	7'-8"	16
A208	2	#5	STR	6'-11"	14
A209	2	#5	STR	6'-2"	13
A210	2	#5	STR	5'-5"	11
A211	2	#5	STR	4'-8"	10
A212	2	#5	STR	3'-11"	8
A213	2	#5	STR	3'-2"	7
A214	2	#5	STR	2'-5"	5
B1	140	#4	STR	6'-1"	569
C1	43	#4	STR	15'-5"	443
C2	43	#4	2	20'-10"	598
C3	43	#4	STR	28'-0"	804
D1	22	#6	STR	2'-6"	82
D2	24	#6	STR	1'-0"	36
F1	11	#4	STR	6'-5"	47
G1	2	#4	STR	9'-4"	12
H5	1	#4	STR	26'-9"	18
S1	6	#8	STR	10'-9"	172
S3	14	#8	STR	10'-11"	408
V5	1	#4	STR	5'-10"	4
REINFORCING STEEL					= 7391 LBS.



BAR TYPE
 DIMENSIONS ARE OUT TO OUT

PROJECT NO. R-2237B
CALDWELL COUNTY
 STATION: 82+94.91 -L-

SHEET 2 OF 9
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**SINGLE 8 FT. X 5 FT.
 CONCRETE BOX CULVERT
 LEFT EXTENSION**



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-12
1			3			TOTAL SHEETS
2			4			19

ASSEMBLED BY: J.L. WALTON DATE: 4/13/04
 CHECKED BY: K.K. PUROHIT DATE: 7/22/04