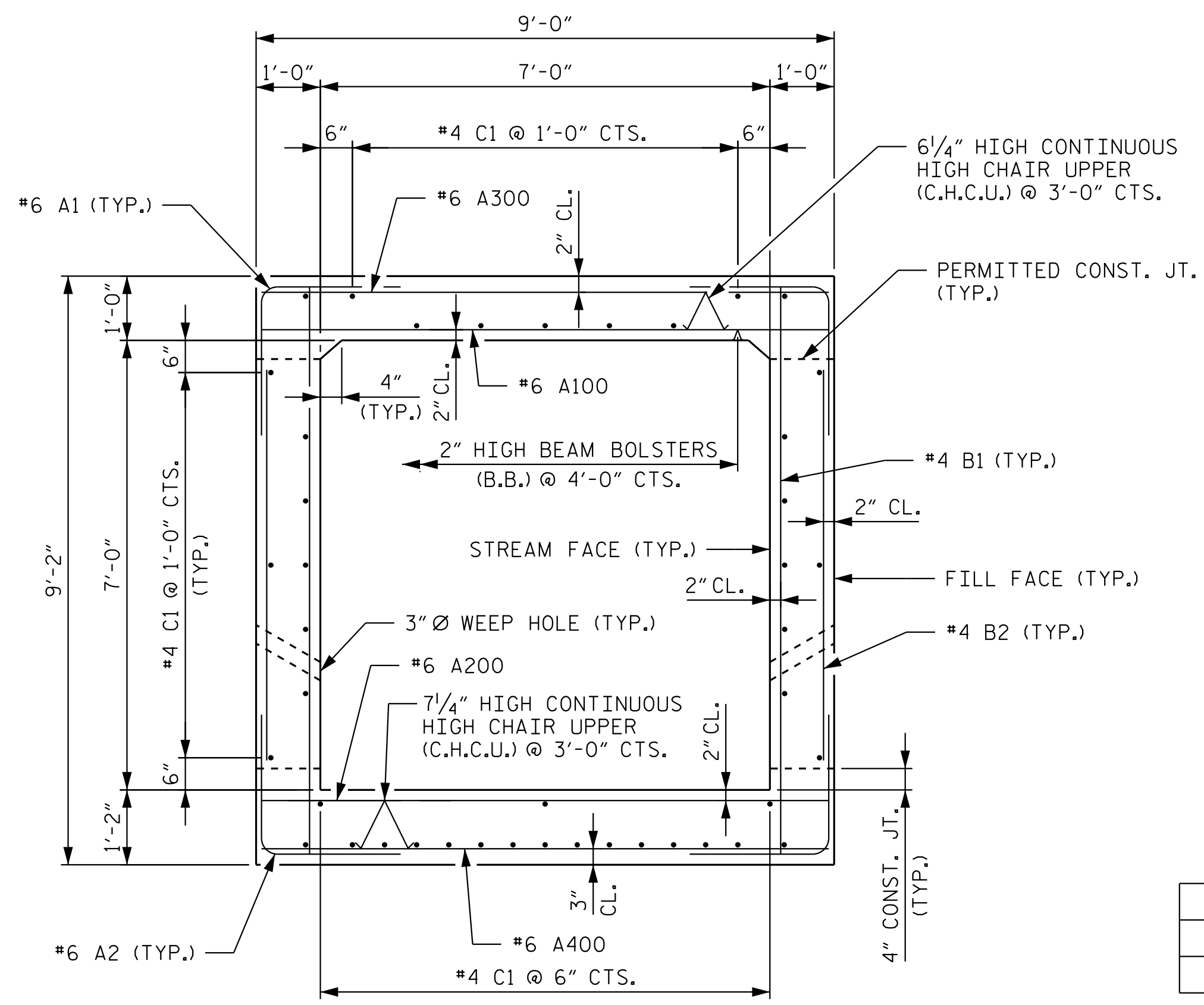


CULVERT SECTION NORMAL TO ROADWAY



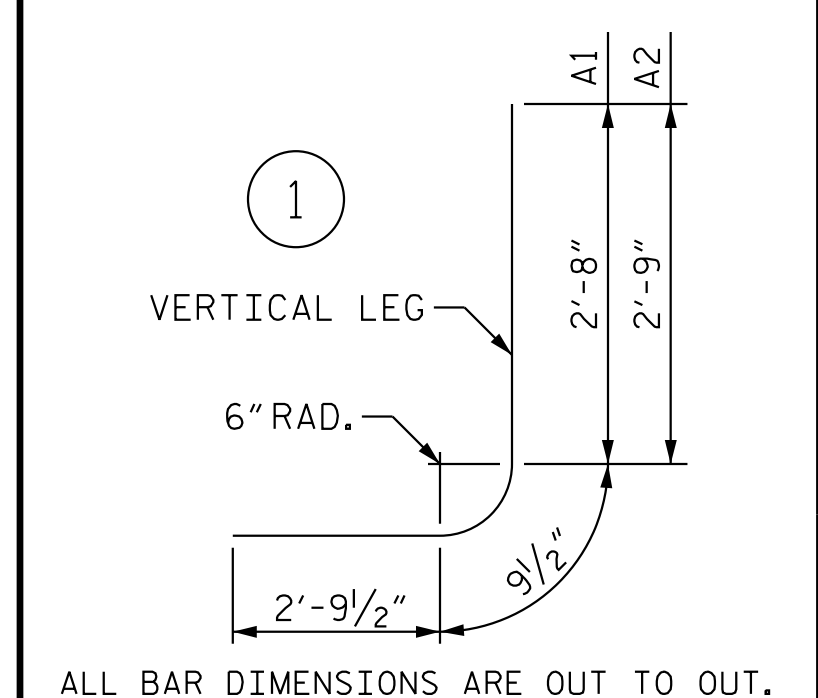
RIGHT ANGLE SECTION OF BARREL
THERE ARE 43 "C" BARS IN SECTION OF BARREL

BAR SIZE	SPLICE LENGTH
#4 B1	1'-10"
#4 C1	2'-5"

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	1058	6	1	6'-3"	9,932
A2	1058	6	1	6'-4"	10,064
A100	525	6	STR	8'-8"	6,834
A101	2	6	STR	7'-5"	22
A102	2	6	STR	5'-6"	17
A103	2	6	STR	3'-8"	11
A104	4	6	STR	1'-9"	11
A200	525	6	STR	8'-8"	6,834
A201	2	6	STR	7'-5"	22
A202	2	6	STR	5'-6"	17
A203	2	6	STR	3'-8"	11
A204	4	6	STR	1'-9"	11
A300	525	6	STR	8'-8"	6,834
A301	2	6	STR	7'-5"	22
A302	2	6	STR	5'-6"	17
A303	2	6	STR	3'-8"	11
A304	4	6	STR	1'-9"	11
A400	525	6	STR	8'-8"	6,834
A401	2	6	STR	7'-5"	22
A402	2	6	STR	5'-6"	17
A403	2	6	STR	3'-8"	11
A404	4	6	STR	1'-9"	11
B1	1058	4	STR	8'-9"	6,184
B2	1058	4	STR	6'-4"	4,476
C1	301	4	STR	39'-11"	8,026
D1	52	6	STR	1'-9"	137
G1	8	5	STR	8'-11"	74
S1	12	8	STR	8'-11"	286

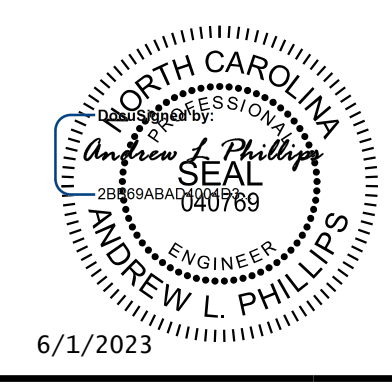
REINFORCING STEEL LBS. 66,759

BAR TYPE



PROJECT NO. R-5930A
CHATHAM COUNTY
STATION: 68+70.00 -L-

SHEET 2 OF 6



Kimley»Horn
421 Fayetteville Street, Suite 600
Raleigh, NC 27601-1772
Phone (919) 677-2000 NC LICENSE # F-0102

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SINGLE 7 FT. X 7 FT.
CONCRETE BOX CULVERT
102° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C2-2
1			3			TOTAL SHEETS
2			4			6

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

K:\BIDI_Structures\Culvert\NC\01036532 - R-5930 - R-5930 - R-5930 - R-5930A\411_003_R5930A_SMU_C002.dgn

DRAWN BY: D. D. LOWERY DATE: 01/2023
 CHECKED BY: C. I. POOLE DATE: 01/2023
 DESIGN ENGINEER OF RECORD: A. L. PHILLIPS DATE: 01/2023