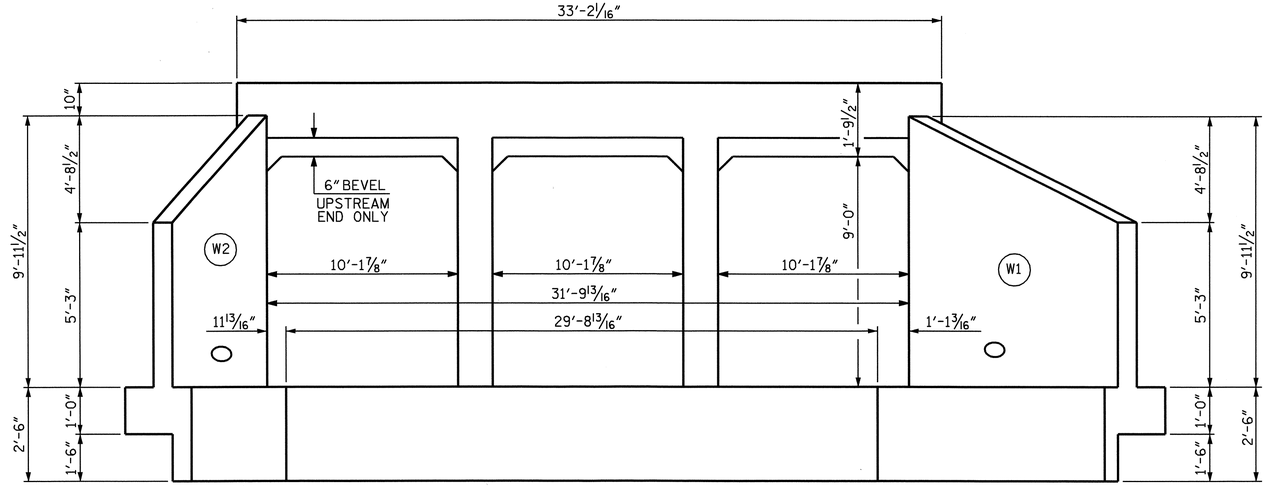
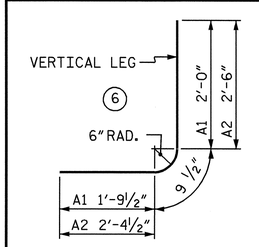
22-JUL-2004 09:09 tpayne
W:\squad1\b3840\final\b3840cu.dgn



END ELEVATION NORMAL TO SKEW

(SILLS NOT SHOWN)

BAR TYPE



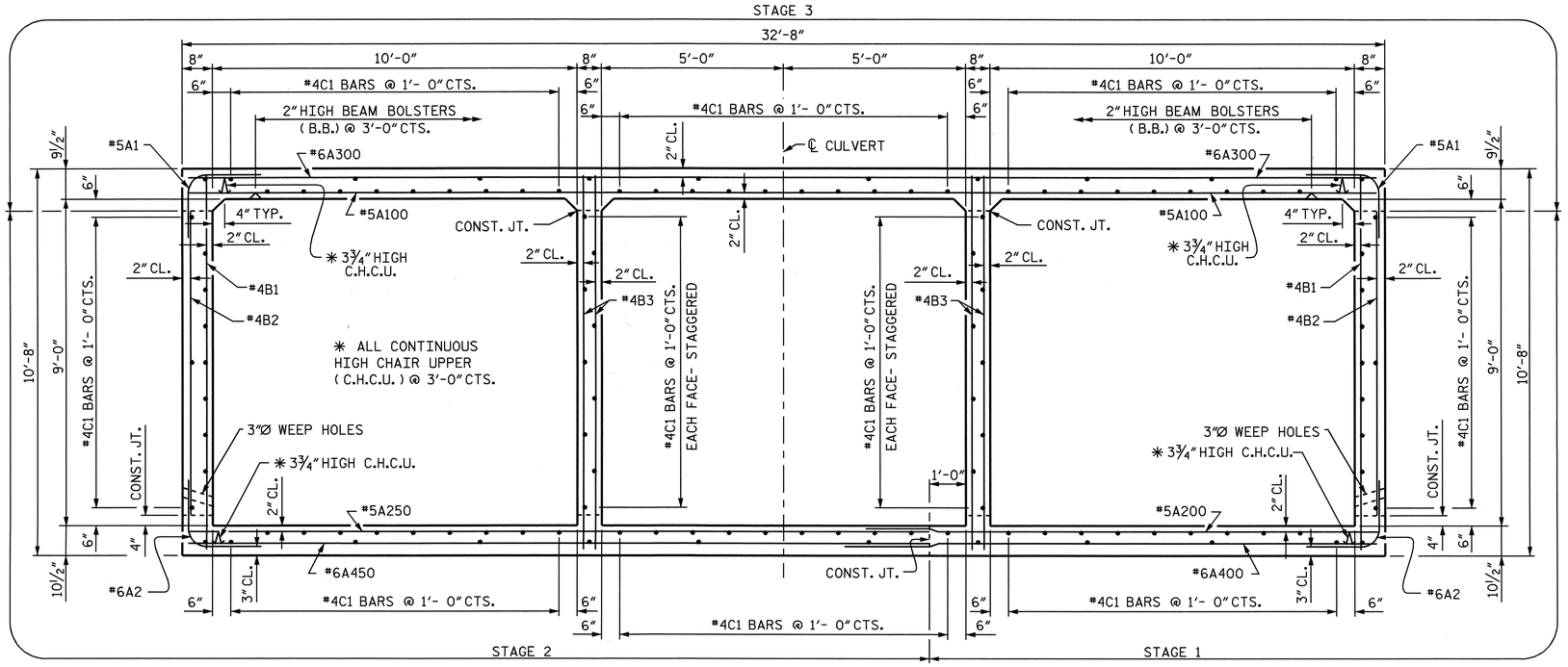
BAR DIMENSIONS
ARE OUT TO OUT

REINFORCING STEEL BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A100	109	#5	STR.	32′- 3″	3,666
A101	2	#5	STR.	29′- 4″	61
A102	2	#5	STR.	26′- 0″	54
A103	2	#5	STR.	22′- 8″	47
A104	2	#5	STR.	19′- 5″	41
A105	2	#5	STR.	16′- 1″	34
A106	2	#5	STR.	12′- 9″	27
A107	2	#5	STR.	9′- 5″	20
A108	2	#5	STR.	6′- 2″	13
A109	2	#5	STR.	2′-10″	6
A200	114	#5	STR.	13′-11″	1,655
A201	1	#5	STR.	12′- 9″	13
A202	1	#5	STR.	9′- 5″	10
A203	1	#5	STR.	6′- 2″	6
A204	1	#5	STR.	2′-10″	3
A205	1	#5	STR.	10′-11″	11
A206	1	#5	STR.	7′- 7″	8
A207	1	#5	STR.	4′- 4″	5
A250	112	#5	STR.	20′- 2″	2,356
A251	1	#5	STR.	17′- 2″	18
A252	1	#5	STR.	13′-10″	14
A253	1	#5	STR.	10′- 7″	11
A254	1	#5	STR.	7′- 3″	8
A255	1	#5	STR.	3′-11″	4
A256	1	#5	STR.	19′- 5″	20
A257	1	#5	STR.	16′- 1″	17
A258	1	#5	STR.	12′- 9″	13
A259	1	#5	STR.	9′- 5″	10
A260	1	#5	STR.	6′- 2″	6
A261	1	#5	STR.	2′-10″	3
A300	127	#6	STR.	32′- 3″	6,152
A301	2	#6	STR.	29′- 9″	89
A302	2	#6	STR.	26′-11″	81
A303	2	#6	STR.	24′- 1″	72
A304	2	#6	STR.	21′- 3″	64
A305	2	#6	STR.	18′- 5″	55
A306	2	#6	STR.	15′- 7″	47
A307	2	#6	STR.	12′- 9″	38
A308	2	#6	STR.	9′-11″	30
A309	2	#6	STR.	7′- 1″	21
A310	2	#6	STR.	4′- 3″	13
A400	133	#6	STR.	14′- 6″	2,897
A401	1	#6	STR.	12′- 9″	19
A402	1	#6	STR.	9′-11″	15
A403	1	#6	STR.	7′- 1″	11
A404	1	#6	STR.	4′- 3″	6
A405	1	#6	STR.	12′- 0″	18
A406	1	#6	STR.	9′- 2″	14
A407	1	#6	STR.	6′- 4″	10
A408	1	#6	STR.	3′- 6″	5
A450	131	#6	STR.	20′- 2″	3,968
A451	1	#6	STR.	17′- 8″	27
A452	1	#6	STR.	14′-10″	22
A453	1	#6	STR.	12′- 0″	18
A454	1	#6	STR.	9′- 2″	14
A455	1	#6	STR.	6′- 4″	10
A456	1	#6	STR.	3′- 6″	5
A457	1	#6	STR.	18′- 5″	28
A458	1	#6	STR.	15′- 7″	23
A459	1	#6	STR.	12′- 9″	19
A460	1	#6	STR.	9′-11″	15
A461	1	#6	STR.	7′- 1″	11
A462	1	#6	STR.	4′- 3″	6
A1	278	#5	6	4′- 7″	1,329
A2	278	#6	6	5′- 8″	2,366
B1	140	#4	STR.	10′- 2″	951
B2	278	#4	STR.	8′- 4″	1,548
B3	280	#4	STR.	10′- 2″	1,902
C1	354	#4	STR.	24′- 3″	5,734
D1	12	#6	STR.	2′- 5″	44
G1	8	#5	STR.	32′- 9″	273
S1	6	#8	STR.	16′- 4″	262
S2	6	#8	STR.	20′- 5″	327
S3	6	#8	STR.	32′- 9″	525

TOTAL (LBS.) = 37,244

SPLICE LENGTHS CHART		
BAR	SIZE	SPLICE LENGTH
A200	#5	1′-9″
A400	#6	2′-4″
B1	#4	1′-9″
B3	#4	1′-9″
C1	#4	1′-11″
"S"	#8	4′-0″



RIGHT ANGLE SECTION OF BARREL

THERE ARE 118 "C" BARS IN SECTION OF BARREL.

DRAWN BY : Keith D. Layne DATE : 12-10-02
CHECKED BY : S. J. FORTIER DATE : 12-17-02

NORTH CAROLINA PROFESSIONAL SEAL 20211 ENGINEER THOMAS G. PAYNE
Thomas G. Payne 7/27/04

PROJECT NO. B-3840
GASTON COUNTY
STATION 15+79.50 -L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 10 FT. x 9 FT. CONCRETE BOX CULVERT 80° SKEW

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