

REINFORCING STEEL

STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	144	5	1	4'-8"	701
A2	144	7	1	7'-1"	2085
A200	208	4	STR	12'-1"	1679
A201	2	4	STR	10'-10"	14
A202	2	4	STR	7'-1"	9
A203	2	4	STR	3'-5"	5
A204	2	4	STR	7'-10"	10
A205	2	4	STR	4'-1"	5
A400	140	7	STR	13'-5"	3839
A401	1	7	STR	11'-10"	24
A402	1	7	STR	9'-0"	18
A403	1	7	STR	6'-2"	13
A404	1	7	STR	3'-6"	7
A405	1	7	STR	10'-4"	21
A406	1	7	STR	7'-6"	15
A407	1	7	STR	4'-7"	9
B1	108	4	STR	9'-6"	685
B2	144	4	STR	7'-4"	705
B3	260	5	STR	9'-6"	2576
C1	160	4	STR	28'-6"	3046
D1	3	6	STR	2'-8"	12
D2	3	6	STR	1'-8"	8
D3	2	6	STR	1'-2"	4
S1	6	8	STR	15'-8"	251

REINFORCING STEEL (STAGE-I) LBS. 15,741

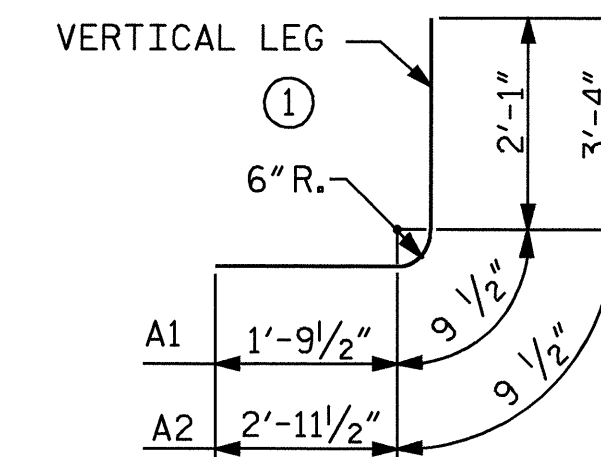
STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	144	5	1	4'-8"	701
A2	144	7	1	7'-1"	2085
A100	202	5	STR	26'-3"	5531
A101	4	5	STR	22'-0"	92
A102	4	5	STR	18'-4"	76
A103	4	5	STR	14'-7"	61
A104	4	5	STR	10'-10"	45
A105	4	5	STR	7'-1"	30
A106	4	5	STR	3'-5"	14
A250	206	4	STR	16'-0"	2202
A251	2	4	STR	12'-0"	16
A252	2	4	STR	8'-3"	11
A253	2	4	STR	4'-6"	6
A254	2	4	STR	14'-7"	19
A255	2	4	STR	10'-10"	14
A256	2	4	STR	7'-1"	9
A257	2	4	STR	3'-5"	5
A300	135	7	STR	26'-3"	7243
A301	2	7	STR	23'-0"	94
A302	2	7	STR	20'-2"	82
A303	2	7	STR	17'-5"	71
A304	2	7	STR	14'-7"	60
A305	2	7	STR	11'-9"	48
A306	2	7	STR	9'-0"	37
A307	2	7	STR	6'-2"	25
A308	2	7	STR	3'-5"	14
A450	138	7	STR	16'-0"	4513
A451	1	7	STR	13'-0"	27
A452	1	7	STR	10'-2"	21
A453	1	7	STR	7'-4"	15
A454	1	7	STR	4'-6"	9
A455	1	7	STR	14'-7"	30
A456	1	7	STR	11'-9"	24
A457	1	7	STR	9'-0"	18
A458	1	7	STR	6'-2"	12
A459	1	7	STR	3'-5"	7

REINFORCING STEEL (STAGE-II) LBS. 34,986

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT

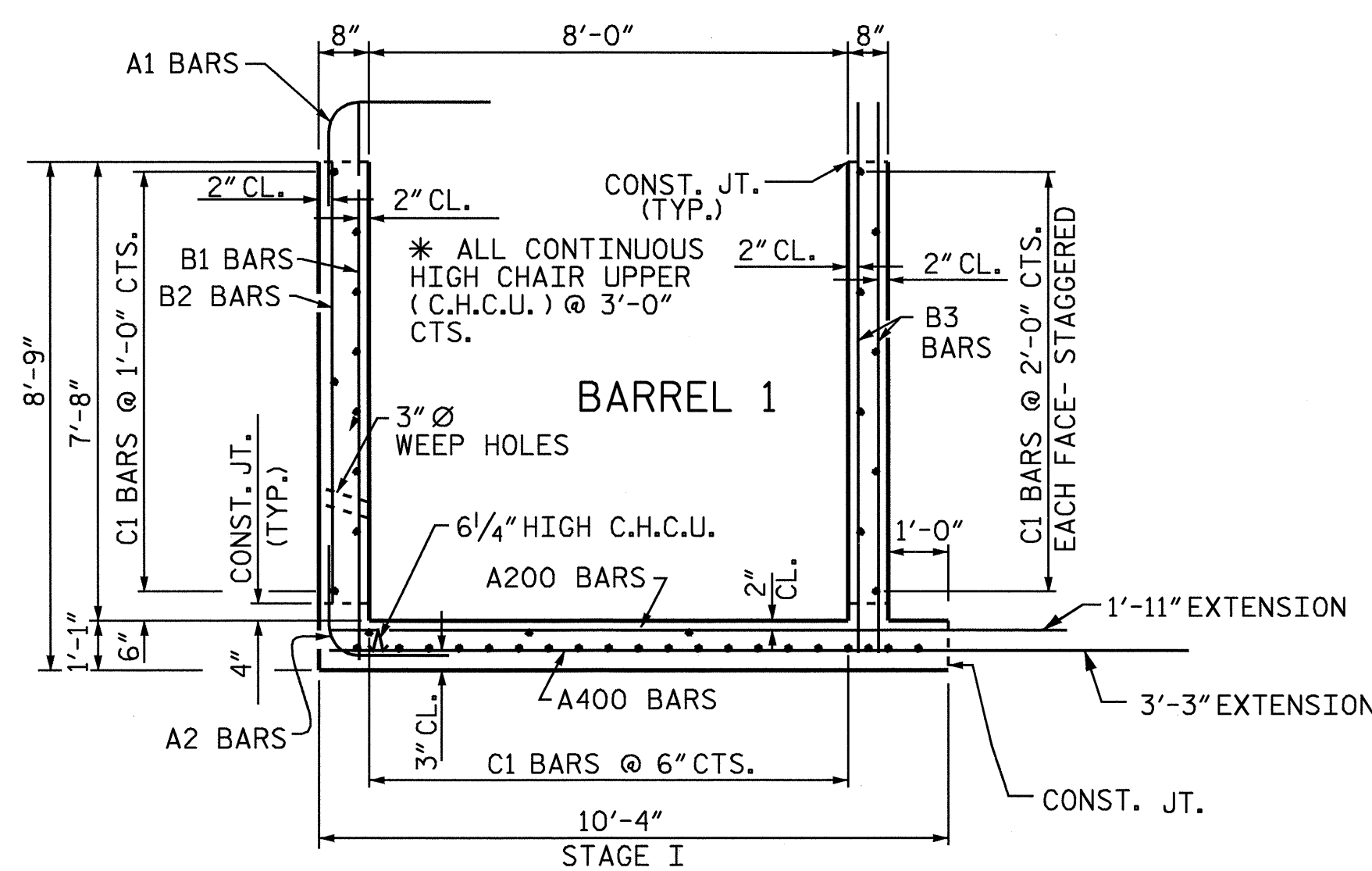


SPLICE LENGTH

BAR	SIZE	SPLICE LENGTH
A200	4	1'-9"
A400	7	3'-1"
B1	4	1'-9"
B3	5	1'-9"
C1	4	1'-11"
S1	8	4'-11"
S2	8	4'-11"

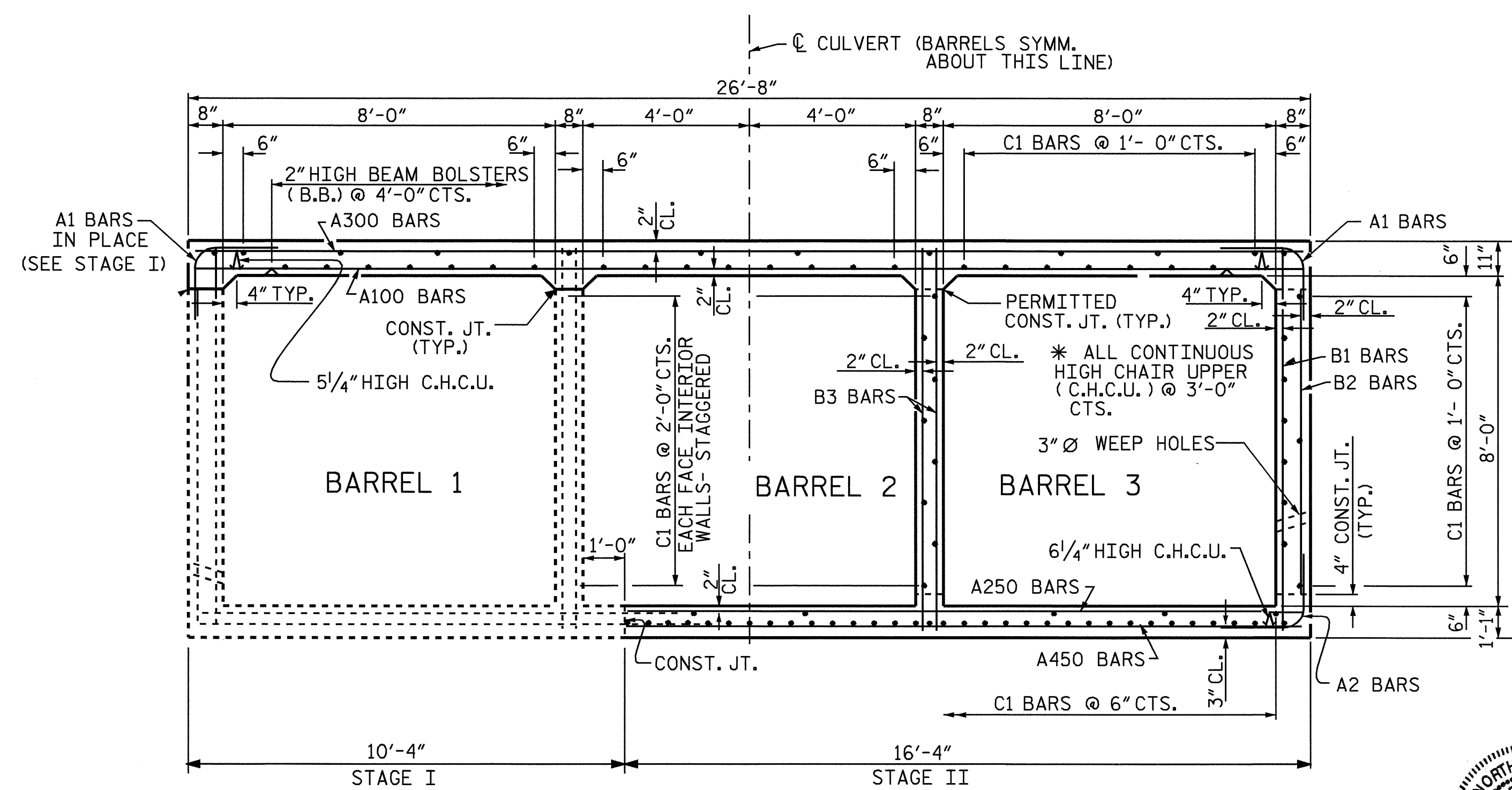
CONCRETE QUANTITY

STAGE I	
BARREL 1	85.7 C.Y.
STAGE II	
BARRELS 2, 3 & ROOF	214.4 C.Y.
TOTAL	300.1 C.Y.



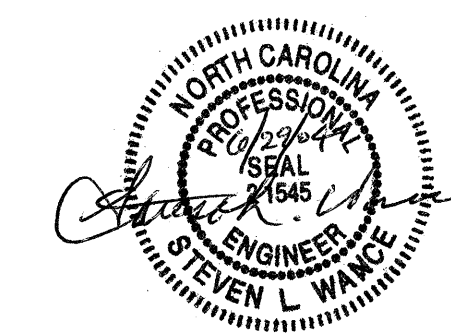
RIGHT ANGLE SECTION OF BARREL

(STAGE I - LOOKING DOWNSTREAM)
THERE ARE 40 "C" BARS IN STAGE I BARREL



RIGHT ANGLE SECTION OF BARREL

(STAGE II - LOOKING DOWNSTREAM)
THERE ARE 89 "C" BARS IN STAGE 2 BARREL



DRAWN BY: SWANCePE DATE: 02 /04
CHECKED BY: N.Q. TRAN DATE: 02 /04

PROJECT NO. B-3695
ROCKINGHAM COUNTY
STATION: 20+78.00 -L-

SHEET 5 OF 7

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

TRIPLE 8 FT. x 8 FT. CONCRETE BOX CULVERT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-5
1			3			TOTAL SHEETS
2			4			7