

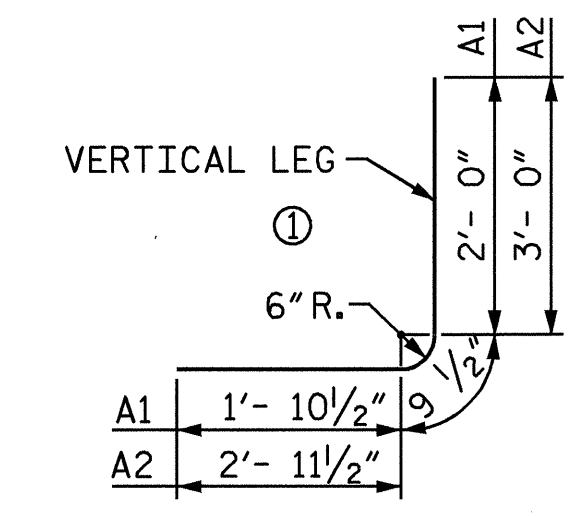
*DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

SECTION THROUGH 2'-0" HIGH SILL

SPLICE LENGTH CHART

BAR	SIZE	SPLICE LENGTH
A200	4	1- 9
A400	7	3- 1
B1	4	1- 9
B3	6	2- 4
C1	4	1- 11

BAR TYPE



BAR DIMENSIONS ARE OUT TO OUT

REINFORCING STEEL BAR SCHEDULE

BAR NO	SIZE	TYPE	LENGTH	WEIGHT	BAR NO	SIZE	TYPE	LENGTH	WEIGHT	BAR NO	SIZE	TYPE	LENGTH	WEIGHT				
A1	296	5	1	4- 8	1441	A203	6	4	STR	24-11	100	A308	6	7	STR	17- 6	215	
A2	296	7	1	6- 9	4084	A204	6	4	STR	23- 5	94	A309	6	7	STR	16- 1	197	
A100	81	6	6	STR	29- 4	3569	A205	6	4	STR	21-11	88	A310	6	7	STR	14- 7	179
A101	6	6	6	STR	27- 9	250	A206	6	4	STR	20- 6	82	A311	6	7	STR	13- 2	161
A102	6	6	6	STR	26- 2	236	A207	6	4	STR	19- 0	76	A312	6	7	STR	11- 8	143
A103	6	6	6	STR	24- 7	222	A208	6	4	STR	17- 6	70	A313	6	7	STR	10- 2	125
A104	6	6	6	STR	23- 0	207	A209	6	4	STR	16- 1	64	A314	6	7	STR	8- 9	107
A105	6	6	6	STR	21- 5	193	A210	6	4	STR	14- 7	58	A315	6	7	STR	7- 3	89
A106	6	6	6	STR	19-10	179	A211	6	4	STR	13- 2	53	A316	6	7	STR	5- 9	71
A107	6	6	6	STR	18- 3	164	A212	6	4	STR	11- 8	47	A317	6	7	STR	4- 4	53
A108	6	6	6	STR	16- 8	150	A213	6	4	STR	10- 2	41	A318	6	7	STR	2-10	35
A109	6	6	6	STR	15- 1	136	A214	6	4	STR	8- 9	35	A400	87	7	STR	29- 4	5216
A110	6	6	6	STR	13- 7	122	A215	6	4	STR	7- 3	29	A401	6	7	STR	27-10	341
A111	6	6	6	STR	12- 0	108	A216	6	4	STR	5- 9	23	A402	6	7	STR	26- 4	323
A112	6	6	6	STR	10- 5	94	A217	6	4	STR	4- 4	17	A403	6	7	STR	24-11	306
A113	6	6	6	STR	8-10	80	A218	6	4	STR	2-10	11	A404	6	7	STR	23- 5	287
A114	6	6	6	STR	7- 3	65	A300	87	7	STR	29- 4	5216	A405	6	7	STR	21-11	269
A115	6	6	6	STR	5- 8	51	A301	6	7	STR	27-10	341	A406	6	7	STR	20- 6	251
A116	6	6	6	STR	4- 1	37	A302	6	7	STR	26- 4	323	A407	6	7	STR	19- 0	233
A117	6	6	6	STR	2- 6	23	A303	6	7	STR	24-11	306	A408	6	7	STR	17- 6	215
A200	87	4	STR	29- 4	1705	A304	6	7	STR	23- 5	287	A409	6	7	STR	16- 1	197	
A201	6	4	STR	27-10	112	A305	6	7	STR	21-11	269	A410	6	7	STR	14- 7	179	
A202	6	4	STR	26- 4	106	A306	6	7	STR	20- 6	251	A411	6	7	STR	13- 2	161	
						A307	6	7	STR	19- 0	233	A412	6	7	STR	11- 8	143	

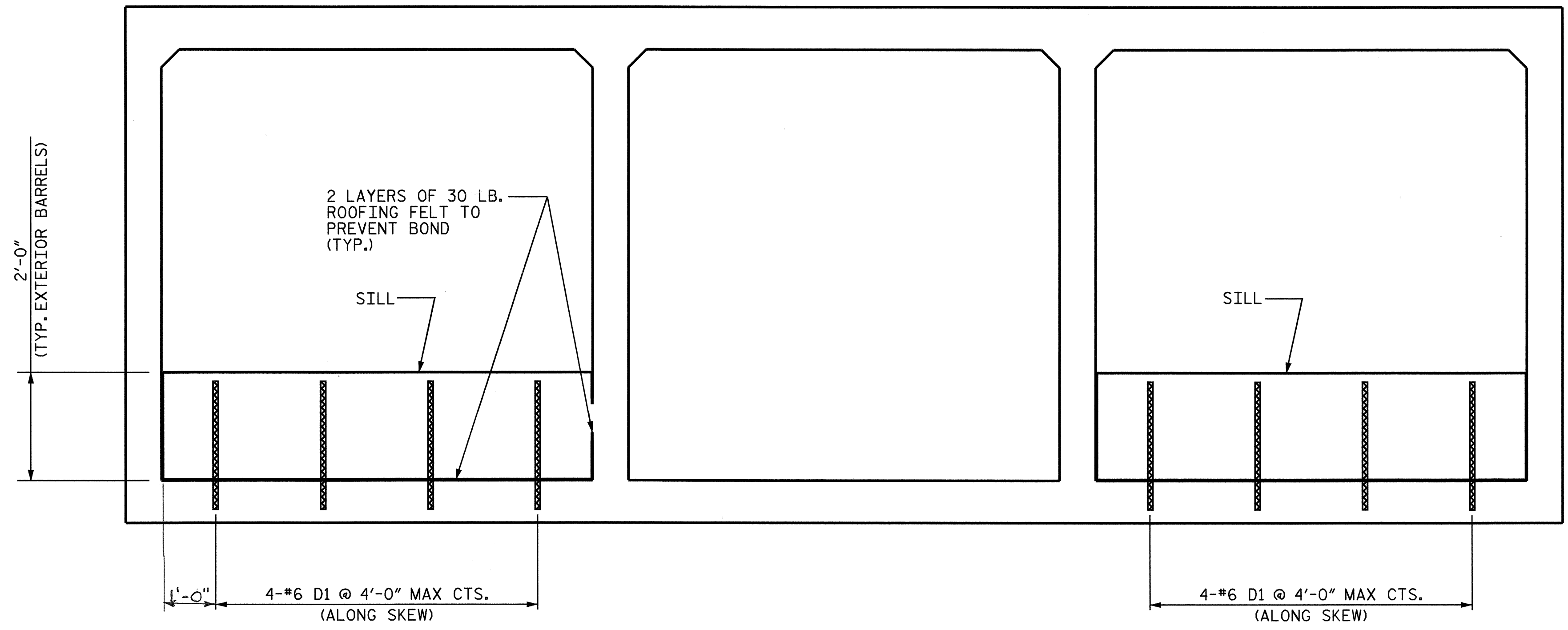
SILL QUANTITIES
(INCLUDED IN TOTAL FOR STRUCTURE)

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
D1	8	6	STR	2'-4"	28
TOTAL REINFORCING STEEL					LBS. 28
CLASS A CONCRETE					C.Y. 2.1

BARREL QUANTITIES

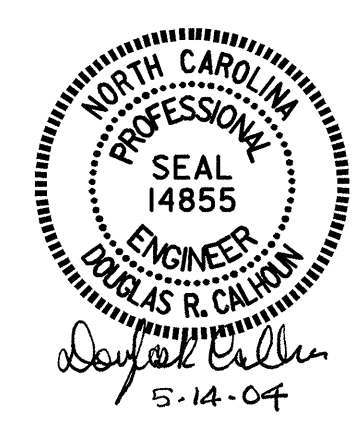
CLASS A CONCRETE
BARREL @ 2.414 C.Y./FT. 207.4 C.Y.

REINFORCING STEEL
BARREL 45732 LBS.



**ELEVATION VIEW- INLET
CULVERT SILL DETAILS**

PROJECT NO. B-3616
BUNCOMBE COUNTY
 STATION: 12+02.00 -L-
 SHEET 5 OF 7



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**BARREL STANDARD
 TRIPLE 9 FT. X 6 FT.
 CONCRETE BOX CULVERT
 140° SKEW**

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS 7

DRAWN BY : A.K.PATEL DATE : 9/26/03
 CHECKED BY : A.L.MEADOWS DATE : 10/10/03