

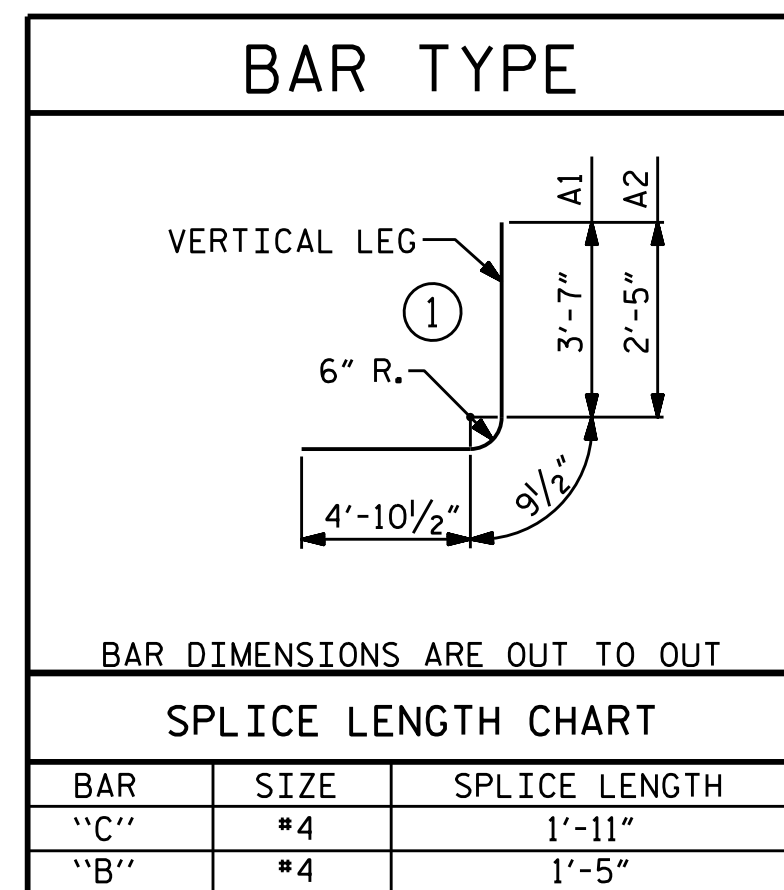
REINFORCING STEEL					
STAGE I					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	40	#5	1	9'-3"	386
A2	40	#5	1	8'-1"	337
A100	20	#6	STR	14'-5"	433
A200	20	#6	STR	14'-5"	433
B1	20	#4	STR	9'-3"	124
B2	40	#4	STR	8'-1"	216
C1	46	#4	STR	11'-9"	361
G1	2	#4	STR	14'-5"	19
S1	6	#8	STR	14'-5"	231
REINFORCING STEEL =					2,540 LBS.

REINFORCING STEEL					
STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	278	#5	1	9'-3"	2682
A2	278	#5	1	8'-1"	2344
A300	125	#6	STR	13'-11"	2613
A301	1	#6	STR	12'-3"	18
A302	1	#6	STR	10'-4"	16
A303	1	#6	STR	8'-6"	13
A304	1	#6	STR	6'-8"	10
A305	1	#6	STR	4'-9"	7
A306	1	#6	STR	2'-11"	4
A310	2	#6	STR	12'-4"	37
A311	2	#6	STR	10'-7"	32
A312	2	#6	STR	8'-10"	27
A313	2	#6	STR	7'-2"	22
A314	2	#6	STR	5'-5"	16
A315	2	#6	STR	3'-8"	11
A350	8	#6	STR	11'-0"	132
A400	125	#6	STR	13'-11"	2613
A401	1	#6	STR	12'-3"	18
A402	1	#6	STR	10'-4"	16
A403	1	#6	STR	8'-6"	13
A404	1	#6	STR	6'-8"	10
A405	1	#6	STR	4'-9"	7
A406	1	#6	STR	2'-11"	4
A410	2	#6	STR	12'-4"	37
A411	2	#6	STR	10'-7"	32
A412	2	#6	STR	8'-10"	27
A413	2	#6	STR	7'-2"	22
A414	2	#6	STR	5'-5"	16
A415	2	#6	STR	3'-8"	11
A450	8	#6	STR	11'-0"	132
B1	140	#4	STR	9'-3"	865
B2	278	#4	STR	8'-1"	1501
C2	138	#4	STR	24'-7"	2266
G2	2	#4	STR	16'-1"	21
S2	6	#8	STR	16'-1"	258
REINFORCING STEEL =					15,853 LBS.

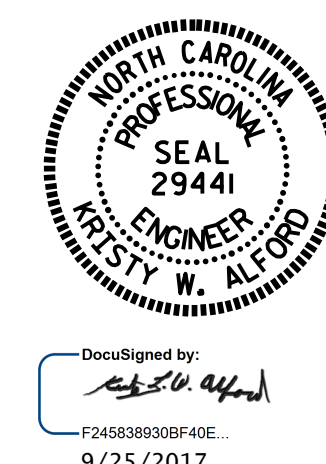
STAGE I QUANTITIES	
CLASS A CONCRETE	
BARREL @ 1.721 CY./FT.	17.2 C.Y.
HEADWALL	0.7 C.Y.
CURTAIN WALL	0.5 C.Y.
TOTAL	18.4 C.Y.
REINFORCING STEEL	
BARREL	2,540 LBS.
TOTAL	2,540 LBS.
FOUNDATION CONDITIONING MATERIAL	13 TONS

STAGE II QUANTITIES	
CLASS A CONCRETE	
BARREL @ 1.721 CY./FT.	120.0 C.Y.
INLET WINGS	14.0 C.Y.
TOTAL	134.0 C.Y.
REINFORCING STEEL	
BARREL	15,853 LBS.
INLET WINGS	798 C.Y.
TOTAL	16,651 LBS.
FOUNDATION CONDITIONING MATERIAL	90 TONS

STAGE III QUANTITIES	
CLASS A CONCRETE	
OUTLET WINGS	9.1 C.Y.
TOTAL	9.1 C.Y.
REINFORCING STEEL	
OUTLET WINGS	639 C.Y.
TOTAL	639 LBS.



PROJECT NO. B-5347  
ALAMANCE COUNTY  
 STATION: 14+14.00 -L-  
 SHEET 7 OF 8



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SINGLE 13' X 7' CONCRETE BOX CULVERT					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					C-7 TOTAL SHEETS 8

DRAWN BY : K.W. ALFORD DATE : 3/17  
 CHECKED BY : J.D. HAWK DATE : 3/17  
 DESIGN ENGINEER OF RECORD: K.W. ALFORD DATE : 3/17

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED