

PLAN OF ROOF SLAB

BAR TYPE

VERTICAL LEG
150mm RAD.
500
500

ALL BAR DIMENSIONS ARE OUT TO OUT

SPLICE LENGTHS CHART

BAR	SIZE	SPLICE LENGTH
A200	#13	610
A400	#16	790
B1, B3	#13	610
C2	#13	610
S1, S2	#19	1300

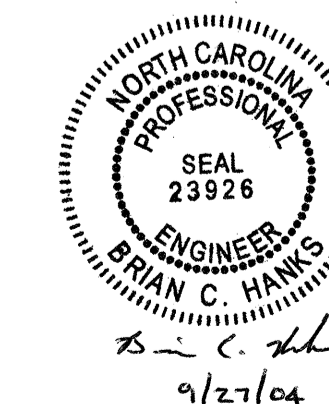
BILL OF MATERIAL (RIGHT EXTENSION)													
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT				
A100	74	#13 STR.	6860	505	A313	2	#16 STR.	3400	11				
A101	2	#13 STR.	6640	13	A314	2	#16 STR.	3120	10				
A102	2	#13 STR.	6280	12	A315	2	#16 STR.	2840	9				
A103	2	#13 STR.	5920	12	A316	2	#16 STR.	2560	8				
A104	2	#13 STR.	5560	11	A317	2	#16 STR.	2280	7				
A105	2	#13 STR.	5220	10	A318	2	#16 STR.	2000	6				
A106	2	#13 STR.	4860	10	A319	2	#16 STR.	1720	5				
A107	2	#13 STR.	4500	9	A320	2	#16 STR.	1440	4				
A108	2	#13 STR.	4140	8	A321	2	#16 STR.	1160	4				
A109	2	#13 STR.	3780	8	A322	2	#16 STR.	860	3				
A110	2	#13 STR.	3420	7	A323	2	#16 STR.	580	2				
A111	2	#13 STR.	3060	6									
A112	2	#13 STR.	2720	5	A400	97	#16 STR.	5840	879				
A113	2	#13 STR.	2360	5	A401	2	#16 STR.	5660	18				
A114	2	#13 STR.	2000	4	A402	2	#16 STR.	5380	17				
A115	2	#13 STR.	1640	3	A403	2	#16 STR.	5100	16				
A116	2	#13 STR.	1280	3	A404	2	#16 STR.	4800	15				
A117	2	#13 STR.	920	2	A405	2	#16 STR.	4520	14				
A118	2	#13 STR.	560	1	A406	2	#16 STR.	4240	13				
A200	86	#13 STR.	5660	484	A407	2	#16 STR.	3960	12				
A201	2	#13 STR.	5420	11	A408	2	#16 STR.	3680	11				
A202	2	#13 STR.	5100	10	A409	2	#16 STR.	3400	11				
A203	2	#13 STR.	4780	10	A410	2	#16 STR.	3120	10				
A204	2	#13 STR.	4460	9	A411	2	#16 STR.	2840	9				
A205	2	#13 STR.	4140	8	A412	2	#16 STR.	2560	8				
A206	2	#13 STR.	3820	8	A413	2	#16 STR.	2280	7				
A207	2	#13 STR.	3500	7	A414	2	#16 STR.	1980	6				
A208	2	#13 STR.	3180	6	A415	2	#16 STR.	1700	5				
A209	2	#13 STR.	2860	6	A416	2	#16 STR.	1420	4				
A210	2	#13 STR.	2540	5	A417	2	#16 STR.	1140	4				
A211	2	#13 STR.	2220	4	A418	1	#16 STR.	860	1				
A212	2	#13 STR.	1900	4	A419	1	#16 STR.	580	1				
A213	2	#13 STR.	1580	3	A450	111	#16 STR.	1940	334				
A214	2	#13 STR.	1260	3	A451	2	#16 STR.	1720	5				
A215	2	#13 STR.	940	2	A452	2	#16 STR.	1440	4				
A216	1	#13 STR.	620	1	A453	2	#16 STR.	1160	4				
A250	98	#13 STR.	1940	189	A454	1	#16 STR.	880	1				
A251	2	#13 STR.	1620	3	A455	1	#16 STR.	600	1				
A252	2	#13 STR.	1300	3	A1	240	#13	1	1240	296			
A253	2	#13 STR.	980	2	A2	240	#13	1	1240	296			
A254	1	#13 STR.	660	1	B1	120	#13 STR.	2640	315				
A300	94	#16 STR.	6860	1001	B2	240	#13 STR.	2180	520				
A301	2	#16 STR.	6800	21	B3	240	#13 STR.	2640	630				
A302	2	#16 STR.	6500	20	D1	54	#19 STR.	760	92				
A303	2	#16 STR.	6220	19	C2	270	#13 STR.	6400	1718				
A304	2	#16 STR.	5940	18	G1	4	#16 STR.	7820	49				
A305	2	#16 STR.	5660	18	S1	6	#19 STR.	6920	94				
A306	2	#16 STR.	5380	17	S2	6	#19 STR.	2200	30				
A307	2	#16 STR.	5100	16	S3	6	#19 STR.	7820	106				
A308	2	#16 STR.	4820	15	S4	6	#25 STR.	7820	188				
A309	2	#16 STR.	4540	14									
A310	2	#16 STR.	4260	13									
A311	2	#16 STR.	3980	12									
A312	2	#16 STR.	3680	11									
										EPOXY COATED REINFORCING STEEL (kg)	8421		

RIGHT EXTENSION: BARREL AND WINGS STRUCTURE QUANTITIES

CLASS A CONCRETE	
STAGE I =	41.5 m ³
STAGE II =	16.7 m ³
STAGE III =	27.6 m ³
WINGS, ETC. =	12.2 m ³
TOTAL =	98.0 m ³
EPOXY COATED REINFORCING STEEL	
BARREL =	8421 kgs
WINGS, ETC. =	411 kgs
TOTAL =	8832 kgs

PROJECT NO. R-2539C
PAMLICO COUNTY
 STATION: 196+60.650 -L-

SHEET 7 OF 9



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**TRIPLE
 2.100m X 2.400m
 CONCRETE BOX CULVERT
 RIGHT EXTENSION
 62° SKEW**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-7
1			3			TOTAL SHEETS
2			4			20

DRAWN BY : KEITH D. LAYNE DATE : 12-10-03
 CHECKED BY : A. B. NAIK DATE : 4-6-04