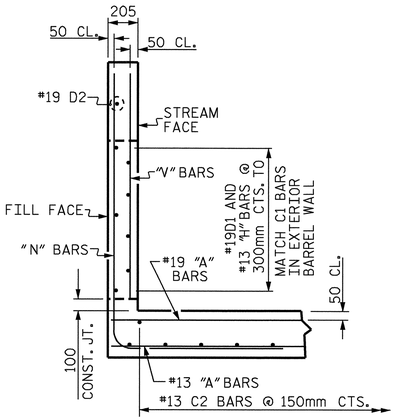
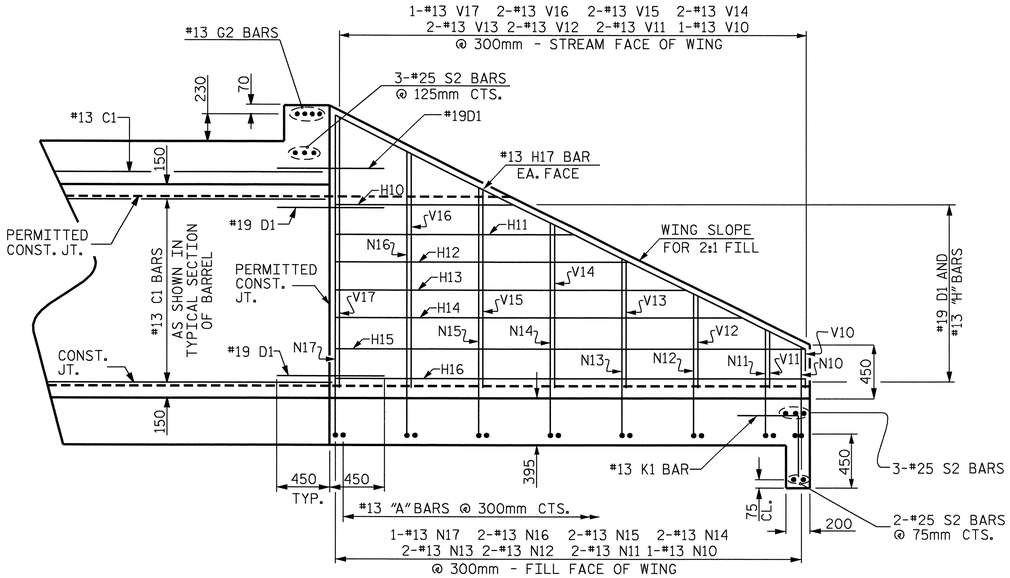
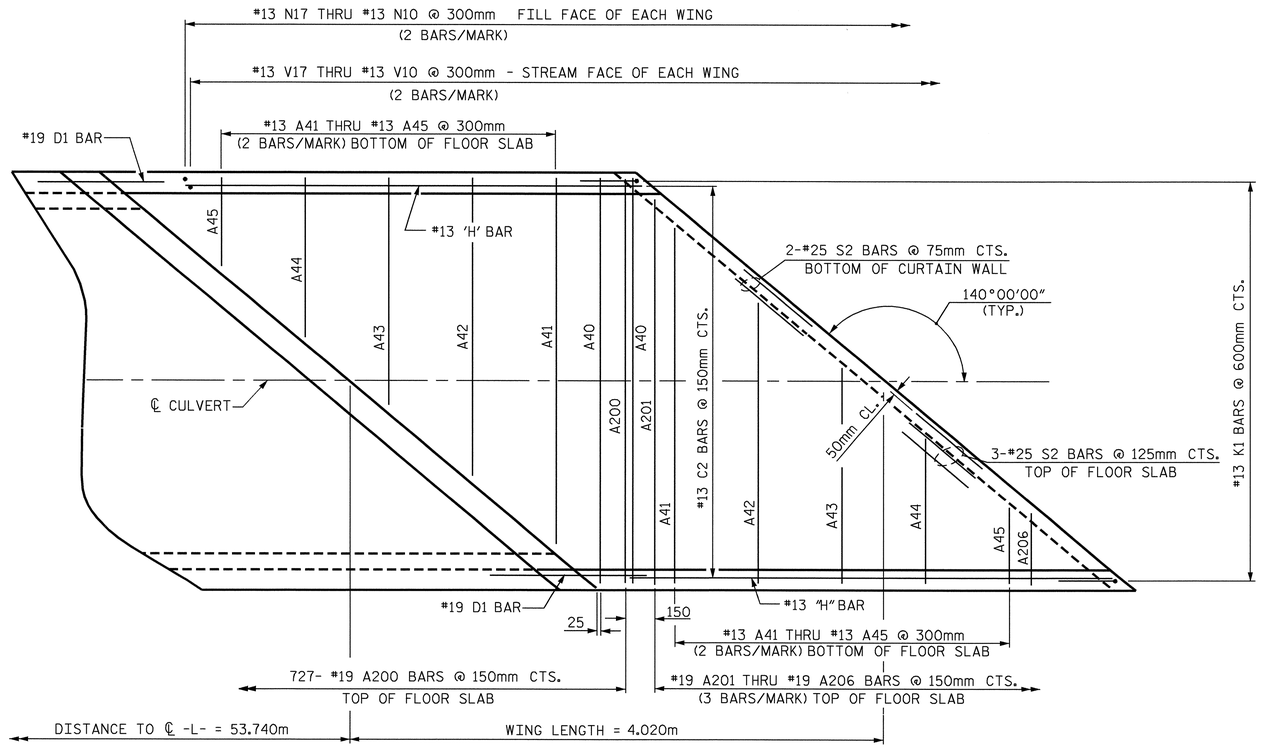


TYPICAL WING SECTION



OUTLET WING SECTION NORMAL TO ROADWAY

FOR WING ORIENTATION, SEE BARREL STANDARD SHEET.



PLAN - OUTLET WINGS

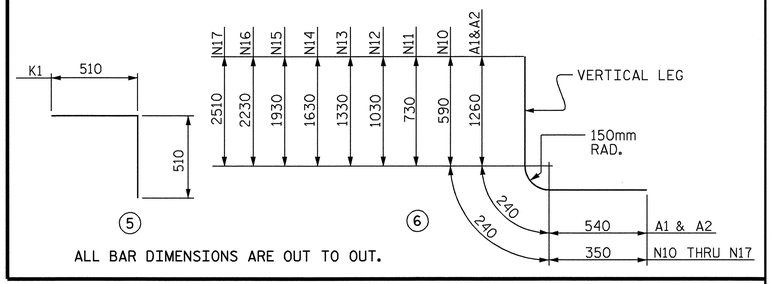
BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	1158	16	6	2040	3666
A2	1158	16	6	2040	3666
A40	2	13	STR	2860	6
A41	4	13	STR	2380	9
A42	4	13	STR	1860	7
A43	4	13	STR	1360	5
A44	4	13	STR	860	3
A45	4	13	STR	360	1
A100	700	19	STR	2980	4662
A101	3	19	STR	2600	17
A102	3	19	STR	2200	15
A103	3	19	STR	1820	12
A104	3	19	STR	1440	10
A105	3	19	STR	1060	7
A106	3	19	STR	680	5
A200	727	19	STR	2980	4842
A201	3	19	STR	2600	17
A202	3	19	STR	2200	15
A203	3	19	STR	1820	12
A204	3	19	STR	1440	10
A205	3	19	STR	1060	7
A206	3	19	STR	680	5
A301	4	19	STR	3040	27
A302	4	19	STR	3300	30
A303	4	19	STR	3560	32
A304	4	19	STR	3820	34
A305	4	19	STR	4060	36
A306	2	19	STR	4320	19
A401	4	19	STR	3020	27
A402	4	19	STR	3260	29
A403	4	19	STR	3500	31
A404	4	19	STR	3740	33
A405	4	19	STR	3980	36
A406	3	19	STR	4220	28
B1	740	13	STR	2380	1751
C1	325	13	STR	8960	2895
C2	322	13	STR	8640	2765
C3	55	13	STR	3400	186
C4	2	13	STR	3080	6
C5	2	13	STR	2340	5
C6	2	13	STR	1580	3

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
D1	16	19	STR	900	32
F1	71	13	STR	1940	137
F2	1	13	STR	2000	2
F3	1	13	STR	2600	3
F4	1	13	STR	3200	3
G1	2	13	STR	4280	9
G2	4	13	STR	4680	19
H10	2	13	STR	1440	3
H11	2	13	STR	2040	4
H12	2	13	STR	2640	5
H13	2	13	STR	2940	6
H14	2	13	STR	3240	6
H15	2	13	STR	3840	8
H16	4	13	STR	3920	16
H17	4	13	STR	4380	17
K1	6	13	5	1020	6
N10	2	13	6	1180	2
N11	4	13	6	1320	5
N12	4	13	6	1620	6
N13	4	13	6	1920	8
N14	4	13	6	2220	9
N15	4	13	6	2520	10
N16	4	13	6	2820	11
N17	2	13	6	3100	6
S1	6	25	STR	4280	102
S2	8	25	STR	4680	149
V10	2	13	STR	340	1
V11	4	13	STR	460	2
V12	4	13	STR	760	3
V13	4	13	STR	1060	4
V14	4	13	STR	1360	5
V15	4	13	STR	1660	7
V16	4	13	STR	1960	8
V17	2	13	STR	2240	4

REINFORCING STEEL 25590 kg

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

SPLICE LENGTHS CHART		
BAR	SIZE	SPLICE LENGTH
B1	13	540
C1	13	590

PROJECT NO. R-2206B

LINCOLN COUNTY

STATION: 158+95.000 -L-

SHEET 5 OF 6

NORTH CAROLINA PROFESSIONAL SEAL 20211 ENGINEER THOMAS C. PAYNE

8/24/04

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

OUTLET WINGS FOR CONCRETE BOX CULVERT H = 1.800m SLOPE 2:1 140° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-14
1			3			TOTAL SHEETS
2			4			15

STR. 5

ASSEMBLED BY : D.B. MOORE	DATE : 3/22/01
CHECKED BY : M.J. OSTRISHKO	DATE : 4/03/01
DRAWN BY : KJA	6/97
CHECKED BY : VAP	12/97

20-AUG-2004 16:22
W:\squadt\r2206b\Final Plans\str345\r2206b05cu.dgn
klayne