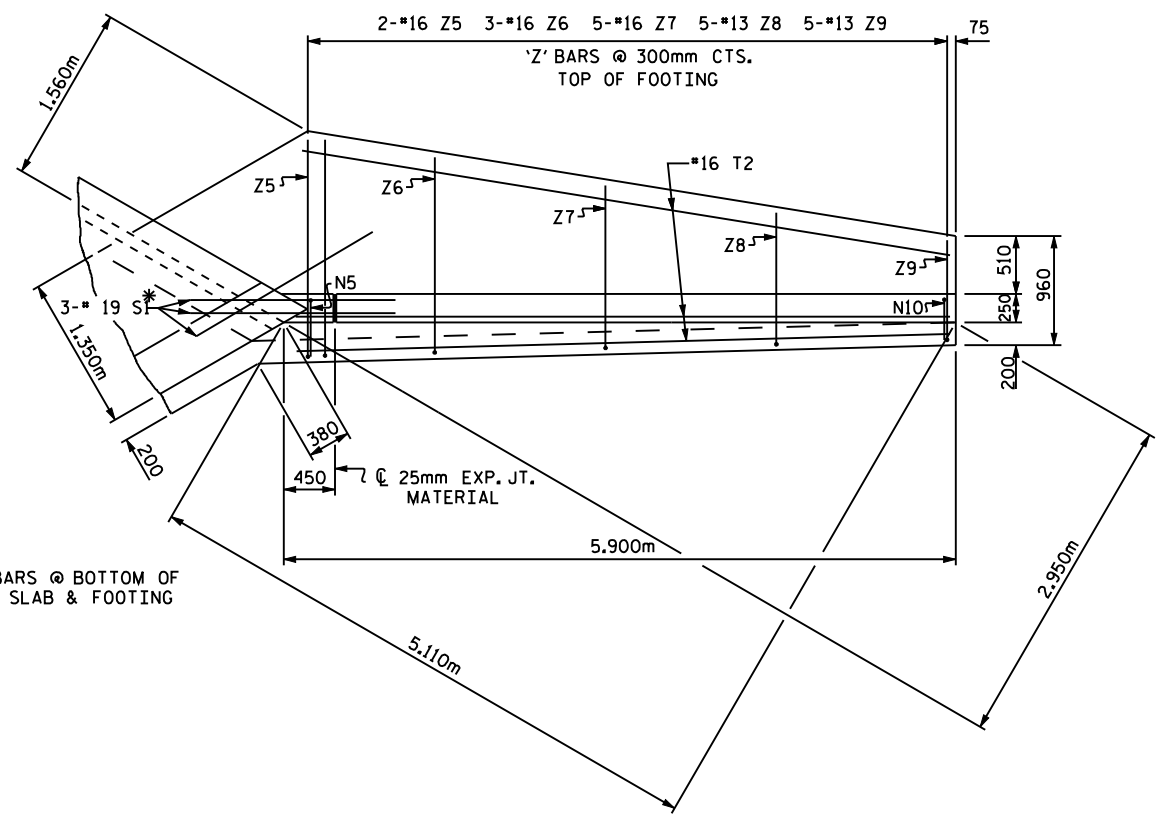
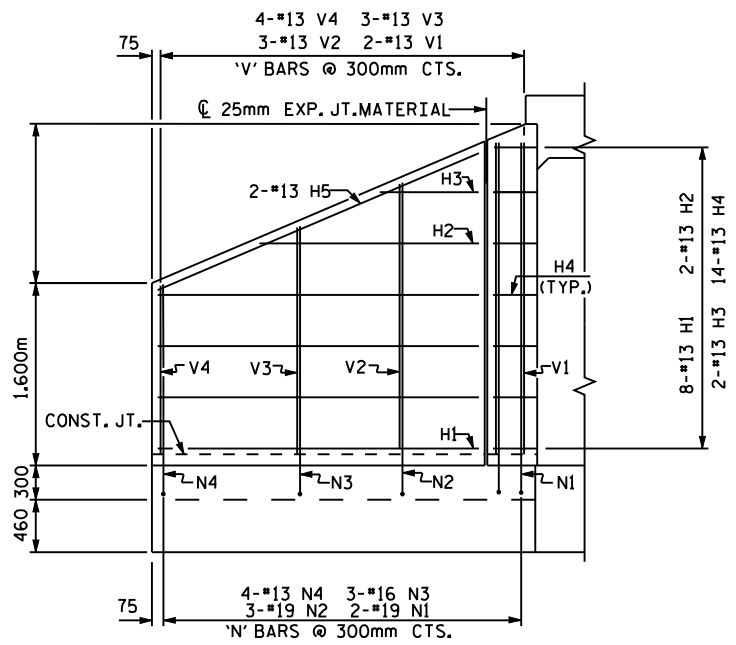


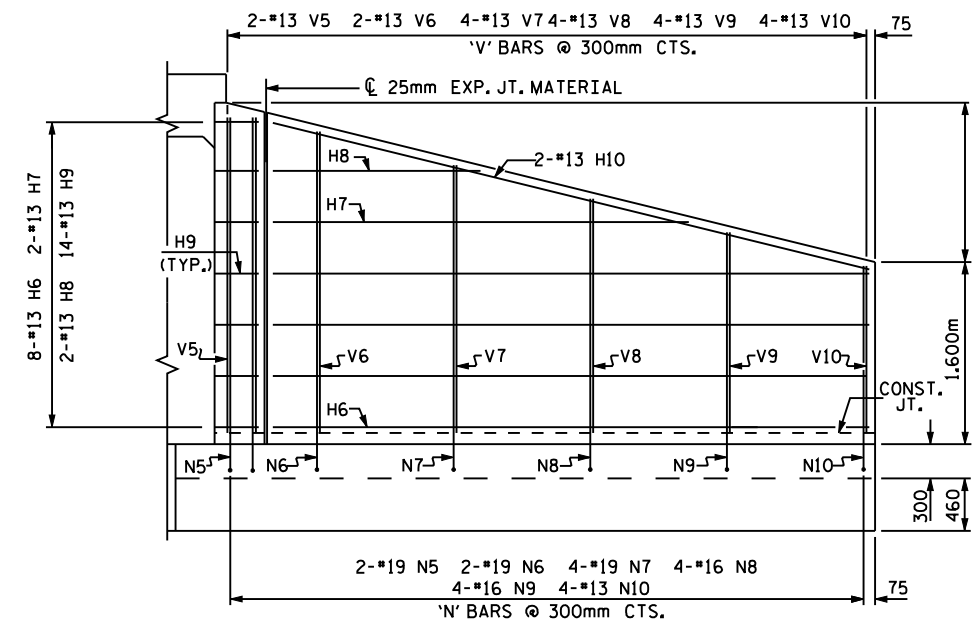
PLAN W2



PLAN W1



ELEVATION W2



ELEVATION W1

**BAR TYPES**

ALL BAR DIMENSIONS ARE OUT TO OUT.

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	16	13	STR	2840	45
H2	4	13	STR	1940	8
H3	4	13	STR	860	3
H4	28	13	1	980	27
H5	4	13	STR	3060	12
H6	16	13	STR	5340	85
H7	4	13	STR	3820	15
H8	4	13	STR	1980	8
H9	28	13	2	980	27
H10	4	13	STR	5480	22
N1	4	19	3	3360	30
N2	6	19	3	2980	40
N3	6	16	3	2600	24
N4	8	13	3	2100	17
N5	4	19	3	3400	30
N6	4	19	3	3260	29
N7	8	19	3	2960	53
N8	8	16	3	2680	33
N9	8	16	3	2380	30
N10	8	13	3	2080	17
S1	12	19	STR	1800	48
T1	6	16	STR	3400	32
T2	6	16	STR	5900	55
V1	4	13	STR	2740	11
V2	6	13	STR	2360	14
V3	6	13	STR	1980	12
V4	8	13	STR	1480	12
V5	4	13	STR	2780	11
V6	4	13	STR	2640	10
V7	8	13	STR	2340	19
V8	8	13	STR	2060	16
V9	8	13	STR	1760	14
V10	8	13	STR	1460	12
Z1	4	16	4	1980	12
Z2	4	16	4	1800	11
Z3	8	13	4	1400	11
Z4	8	13	4	1020	8
Z5	4	16	4	2020	13
Z6	6	16	4	1860	17
Z7	10	16	4	1580	25
Z8	10	13	4	1300	13
Z9	10	13	4	1020	10

REINFORCING STEEL FOR 4 WING WALLS 941kg

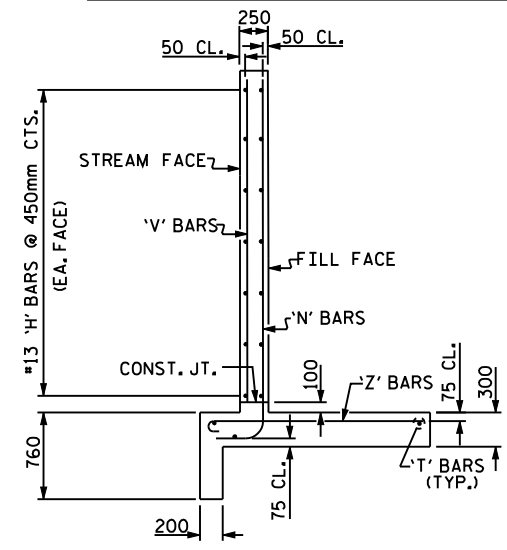
CLASS A CONCRETE

4 WINGS 21.4 m<sup>3</sup>

2 HEADWALLS m<sup>3</sup>

2 END CURTAIN WALLS m<sup>3</sup>

TOTAL m<sup>3</sup>



TYPICAL WING SECTION

FOR WING ORIENTATION, SEE BARREL STANDARD SHEET.

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : KJA 6/97	
CHECKED BY : VAP 10/97	

PROJECT NO. \_\_\_\_\_  
 \_\_\_\_\_ COUNTY  
 STATION: \_\_\_\_\_

SHEET OF \_\_\_\_\_

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

STANDARD WINGS  
 FOR  
 CONCRETE BOX CULVERT  
 H = 2.700m SLOPE 2:1  
 60° OR 120° SKEW

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

TOTAL SHEETS