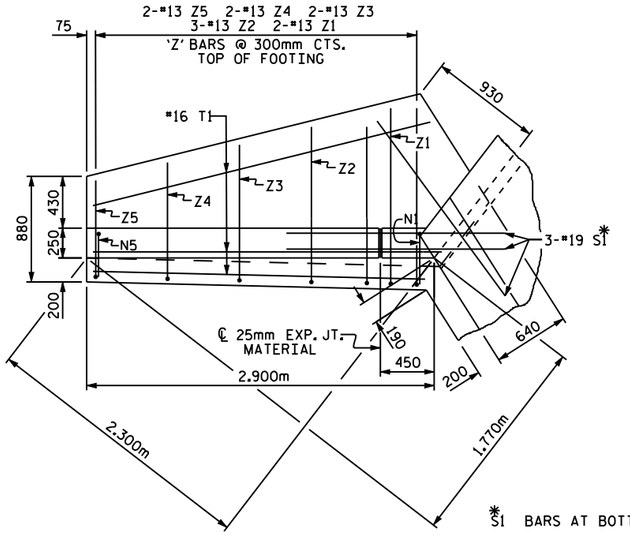
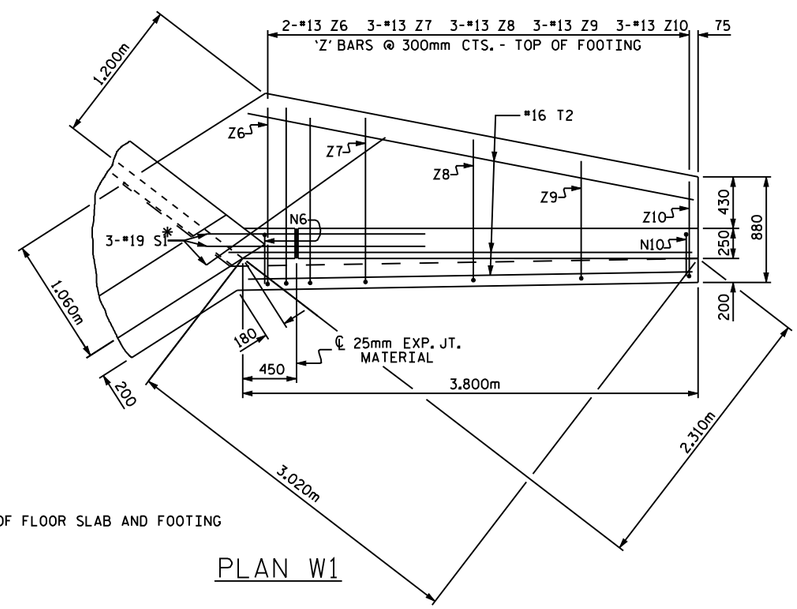


PLAN W2

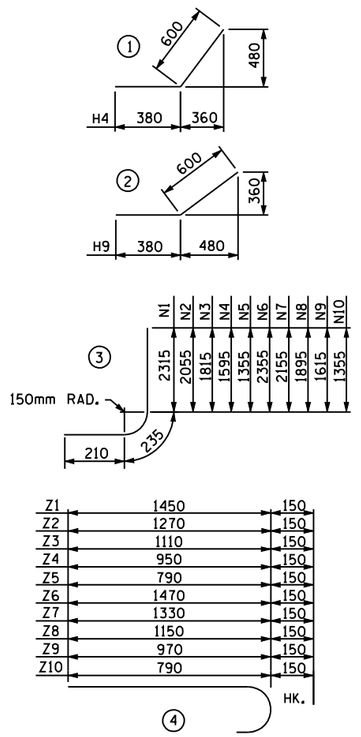


PLAN W1

S1* BARS AT BOTTOM OF FLOOR SLAB AND FOOTING

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.

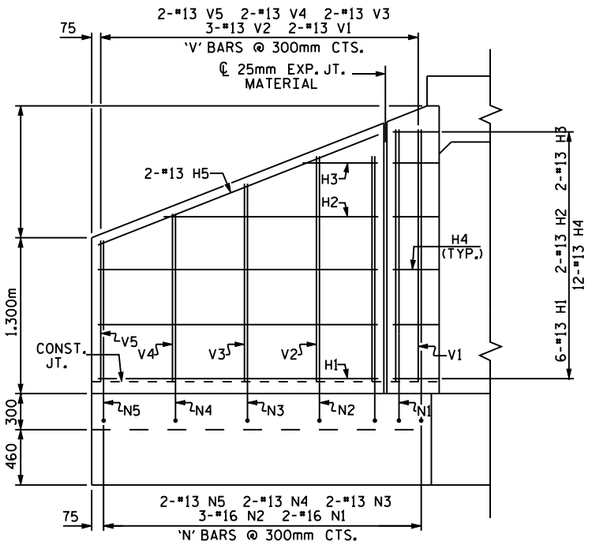


BILL OF MATERIAL

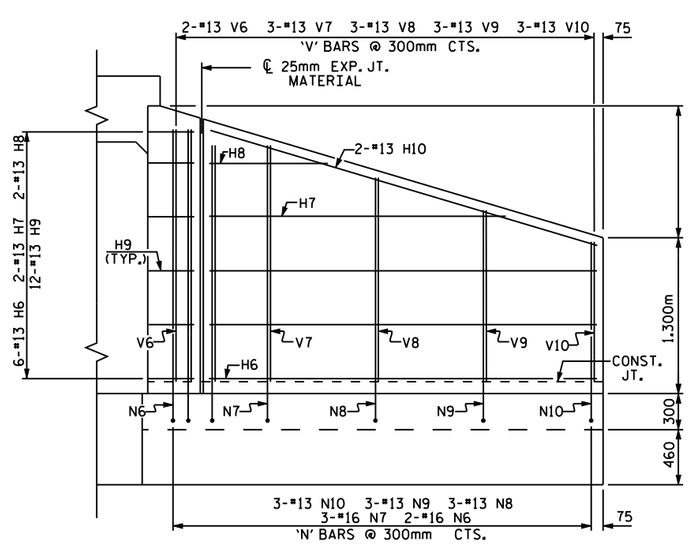
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	13	STR	2340	28
H2	4	13	STR	1740	7
H3	4	13	STR	600	2
H4	24	13	1	980	23
H5	4	13	STR	2500	10
H6	12	13	STR	3240	39
H7	4	13	STR	2500	10
H8	4	13	STR	1000	4
H9	24	13	2	980	23
H10	4	13	STR	3360	13
N1	4	16	3	2760	17
N2	6	16	3	2500	23
N3	4	13	3	2260	9
N4	4	13	3	2040	8
N5	4	13	3	1800	7
N6	4	16	3	2800	17
N7	6	16	3	2600	24
N8	6	13	3	2340	14
N9	6	13	3	2060	12
N10	6	13	3	1800	11
S1	12	19	STR	1800	48
T1	6	16	STR	2900	27
T2	6	16	STR	3800	35
V1	4	13	STR	2140	9
V2	6	13	STR	1880	11
V3	4	13	STR	1640	7
V4	4	13	STR	1420	6
V5	4	13	STR	1180	5
V6	4	13	STR	2180	9
V7	6	13	STR	1980	12
V8	6	13	STR	1720	10
V9	6	13	STR	1440	9
V10	6	13	STR	1180	7
Z1	4	13	4	1600	6
Z2	6	13	4	1420	8
Z3	4	13	4	1260	5
Z4	4	13	4	1100	4
Z5	4	13	4	940	4
Z6	4	13	4	1620	6
Z7	6	13	4	1480	9
Z8	6	13	4	1300	8
Z9	6	13	4	1120	7
Z10	6	13	4	940	6

REINFORCING STEEL FOR 4 WING WALLS 559 kg

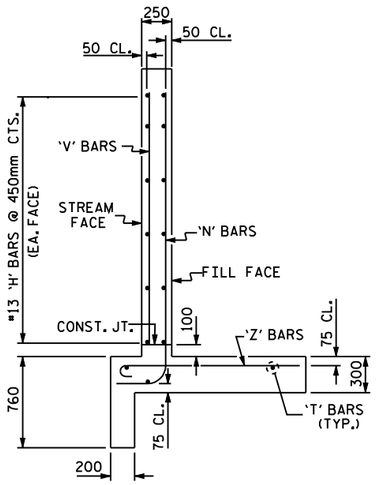
CLASS A CONCRETE
4 WINGS 12.9 m^3
2 HEADWALLS _____ m^3
2 END CURTAIN WALLS _____ m^3
TOTAL _____ m^3



ELEVATION W2



ELEVATION W1



TYPICAL WING SECTION

FOR WING ORIENTATION, SEE BARREL STANDARD SHEET.

PROJECT NO. _____

_____ COUNTY

STATION: _____

SHEET OF

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD WINGS FOR CONCRETE BOX CULVERT H=2.100m SLOPE=2:1 75° OR 105° SKEW

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

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : JLR 5/97	
CHECKED BY : VAP 10/97	

STD. NO. CW7521