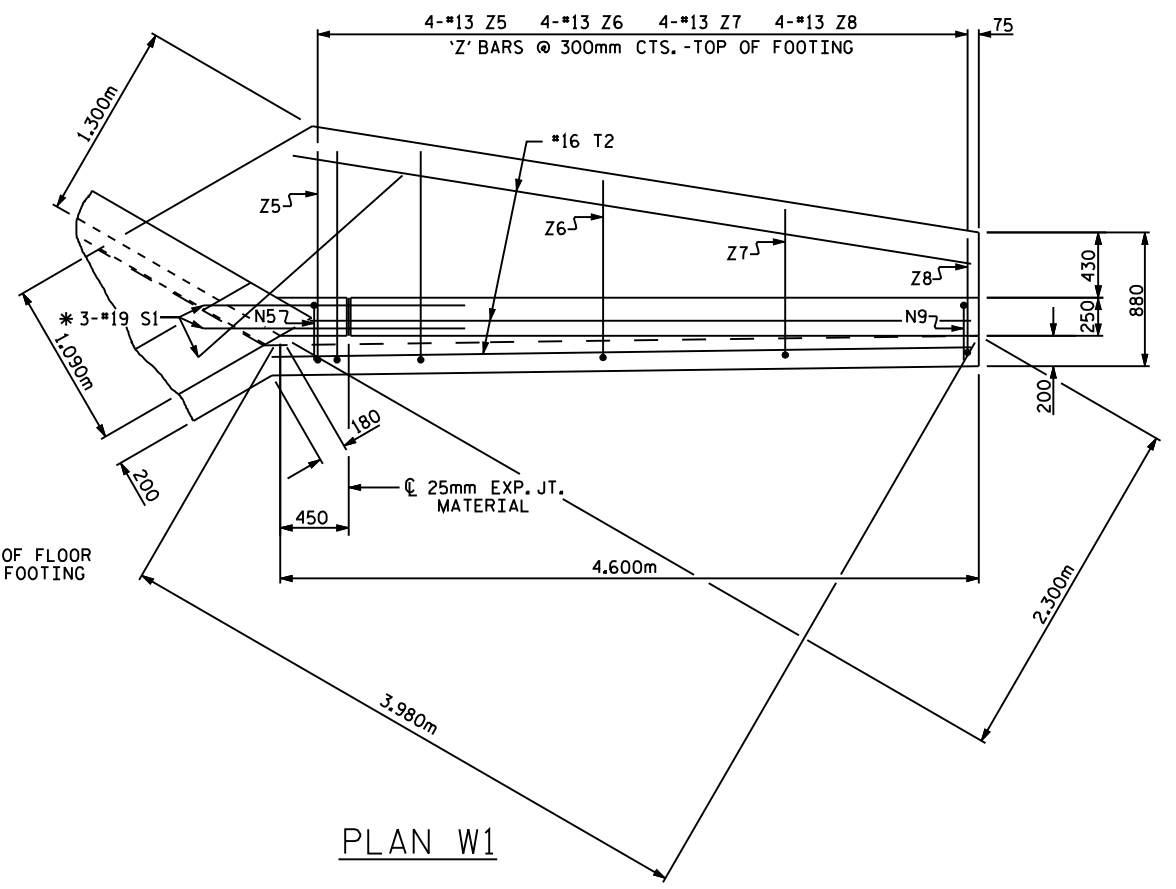
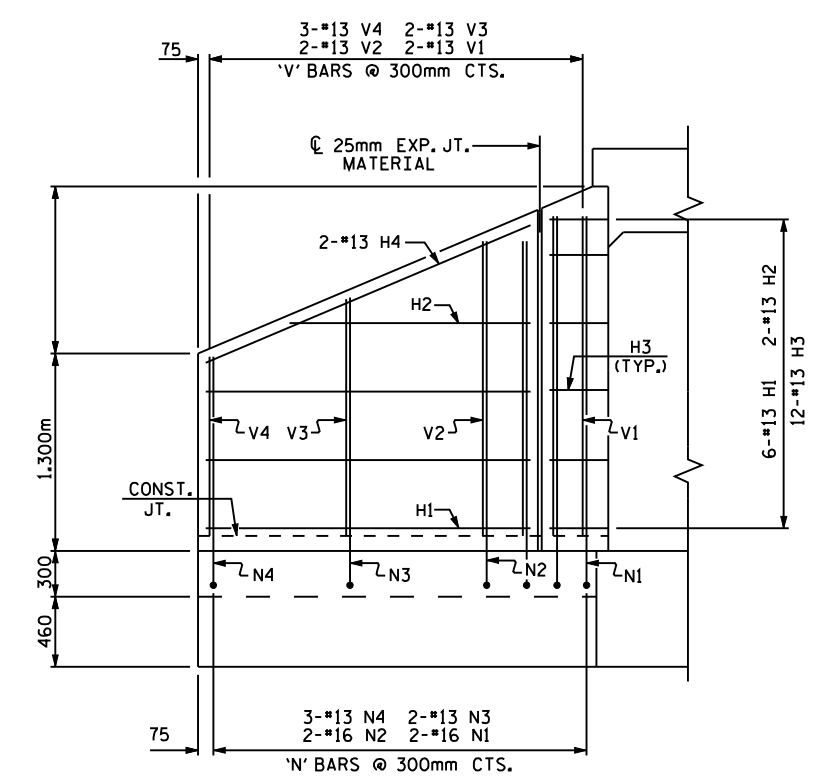


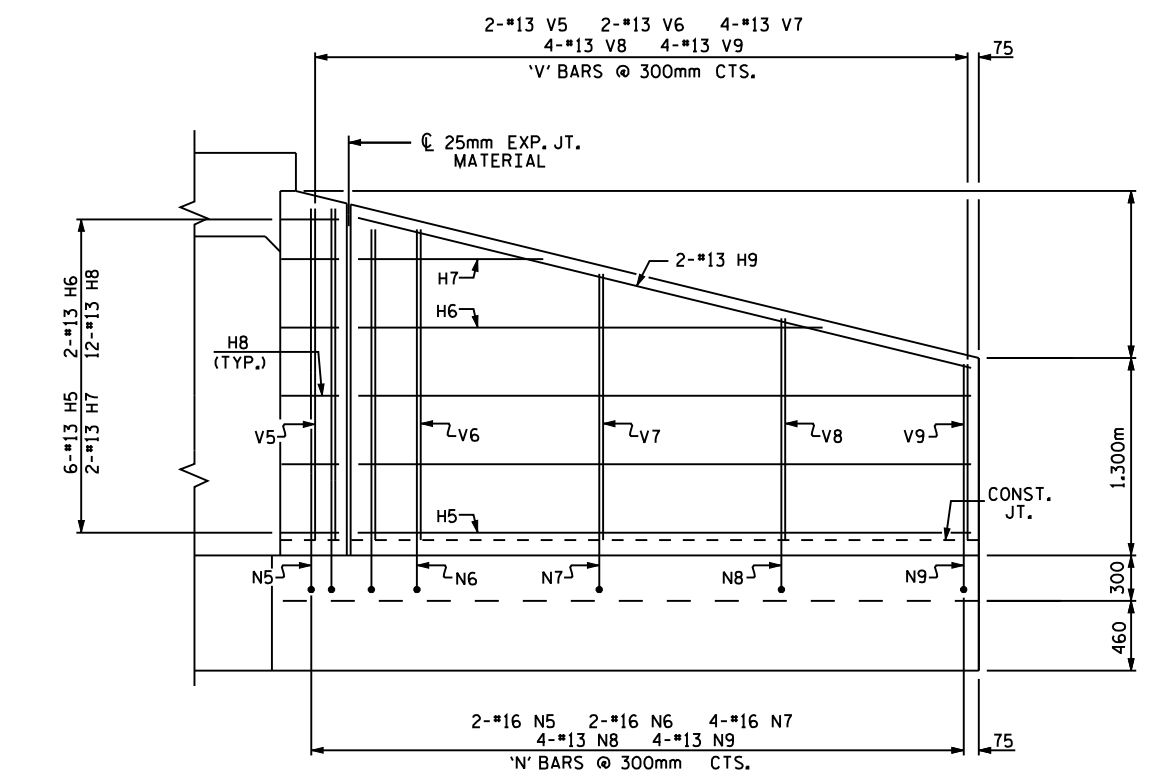
PLAN W2



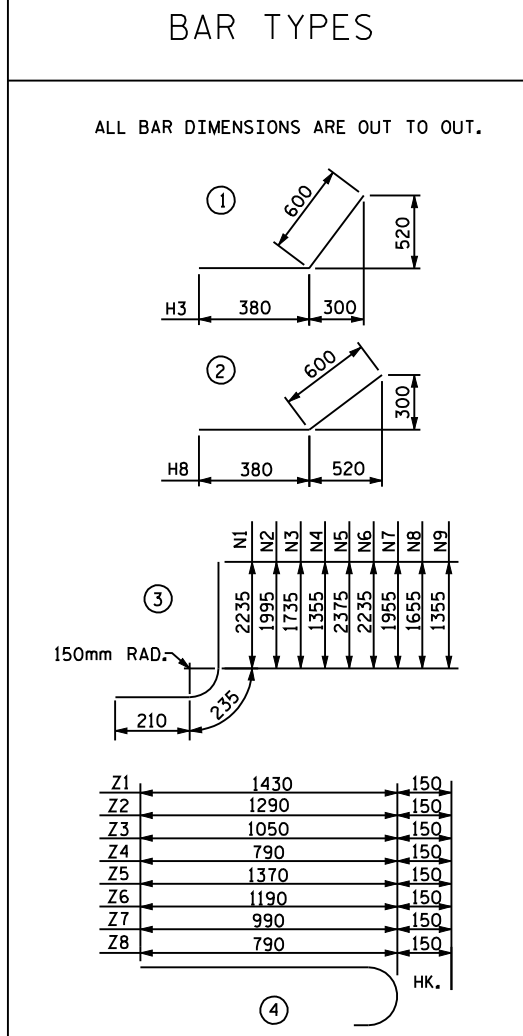
PLAN W1



ELEVATION W2



ELEVATION W1

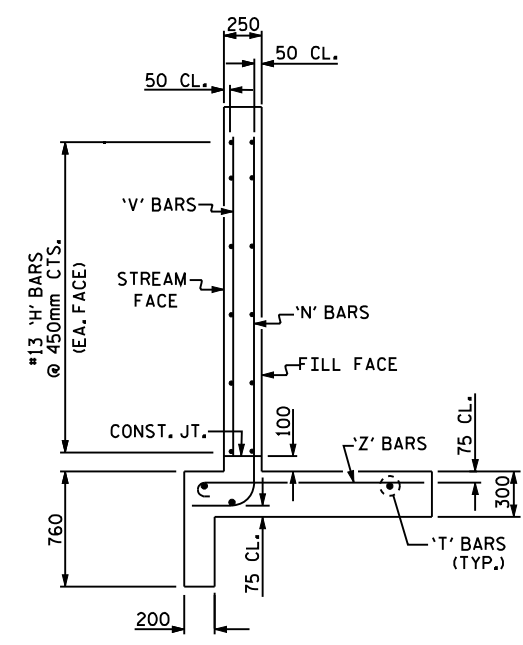


Z1	1430	150
Z2	1290	150
Z3	1050	150
Z4	790	150
Z5	1370	150
Z6	1190	150
Z7	990	150
Z8	790	150

BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12 13	STR	2140	26
H2	4 13	STR	1580	6
H3	24 13	STR	980	23
H4	4 13	STR	2300	9
H5	12 13	STR	4040	48
H6	4 13	STR	3160	13
H7	4 13	STR	1340	5
H8	24 13	STR	980	23
H9	4 13	STR	4140	16
N1	4 16	STR	2680	17
N2	4 16	STR	2440	15
N3	4 13	STR	2180	9
N4	6 13	STR	1800	11
N5	4 16	STR	2820	18
N6	4 16	STR	2680	17
N7	8 16	STR	2400	30
N8	8 13	STR	2100	17
N9	8 13	STR	1800	14
S1	12 19	STR	1800	48
T1	6 16	STR	2700	25
T2	6 16	STR	4600	43
V1	4 13	STR	2060	8
V2	4 13	STR	1820	7
V3	4 13	STR	1560	6
V4	6 13	STR	1180	7
V5	4 13	STR	2200	9
V6	4 13	STR	2060	8
V7	8 13	STR	1780	14
V8	8 13	STR	1480	12
V9	8 13	STR	1180	9
Z1	4 13	STR	1580	6
Z2	4 13	STR	1440	6
Z3	6 13	STR	1200	7
Z4	6 13	STR	940	6
Z5	8 13	STR	1520	12
Z6	8 13	STR	1340	11
Z7	8 13	STR	1140	9
Z8	8 13	STR	940	7

REINFORCING STEEL FOR 4 WINGS 577 kg
 CLASS A CONCRETE
 4 WINGS 14.0 m³
 2 HEADWALLS m³
 2 END CURTAIN WALLS m³
 TOTAL m³



TYPICAL WING SECTION

PROJECT NO. _____
 _____ COUNTY
 STATION: _____

SHEET OF _____
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD WINGS
 FOR
 CONCRETE BOX CULVERT
 H = 2.1m SLOPE = 2 : 1
 60° OR 120° SKEW

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : FPP 06/97	
CHECKED BY : VAP 08/97	

FOR WING ORIENTATION, SEE BARREL STANDARD SHEET.

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