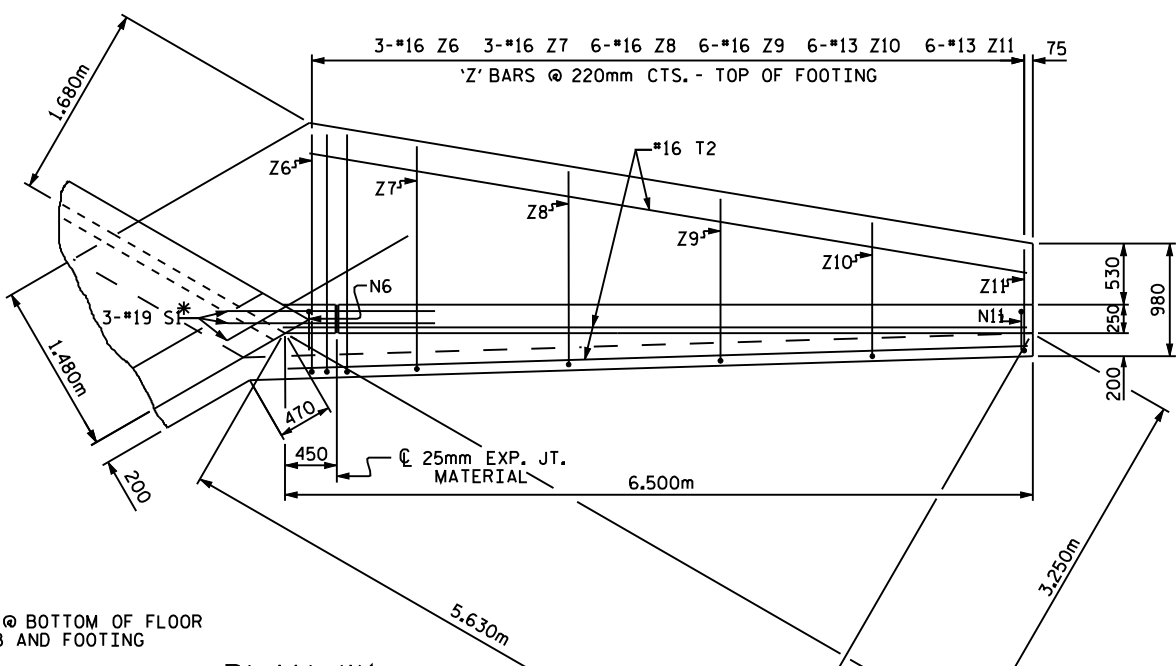
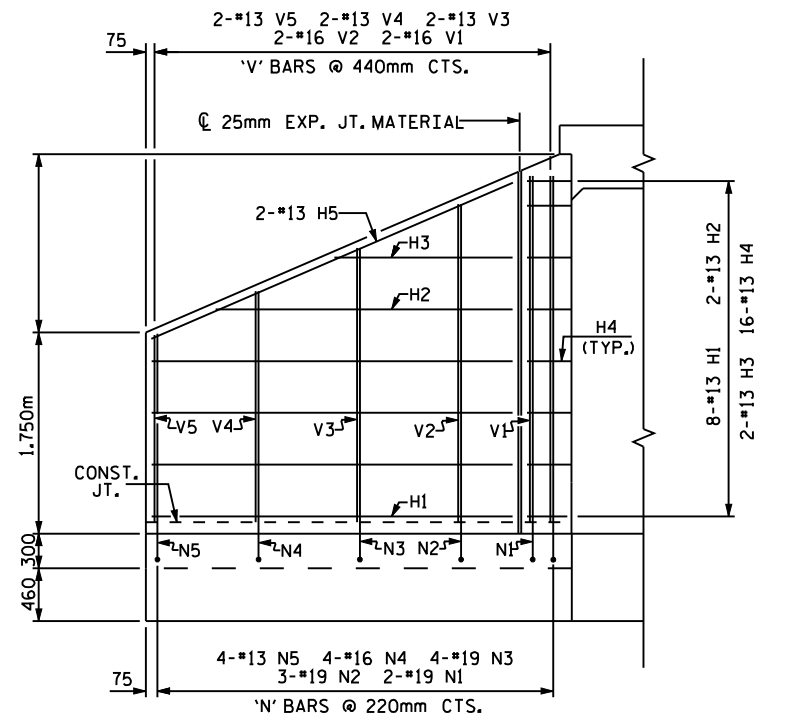


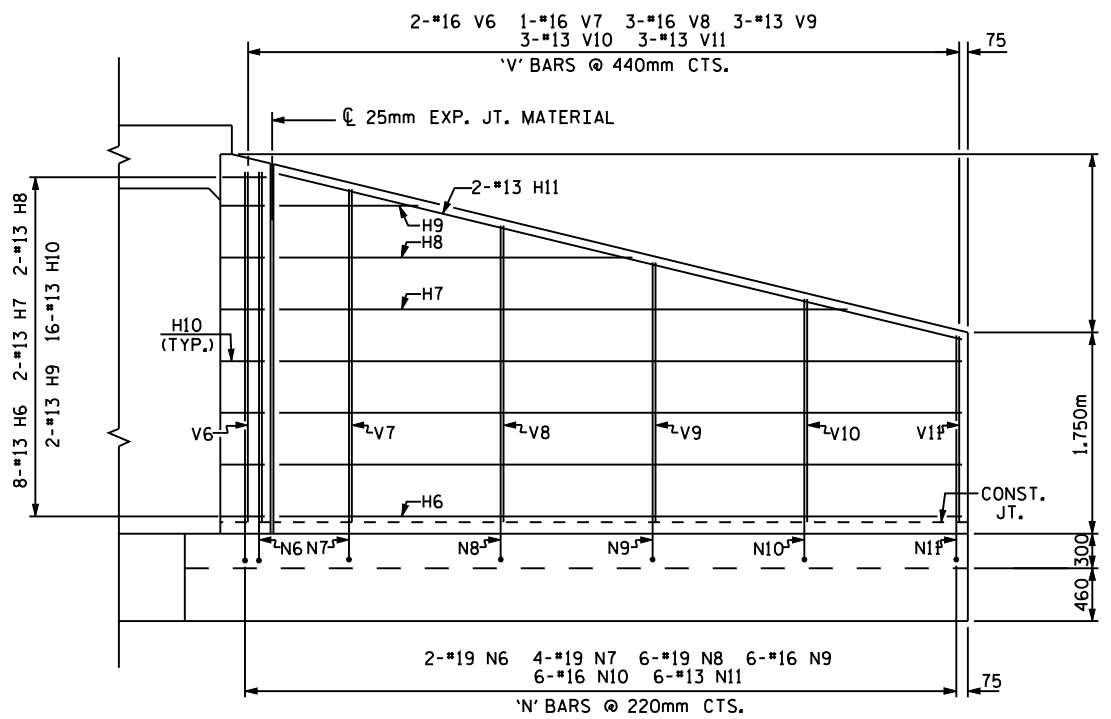
PLAN W2



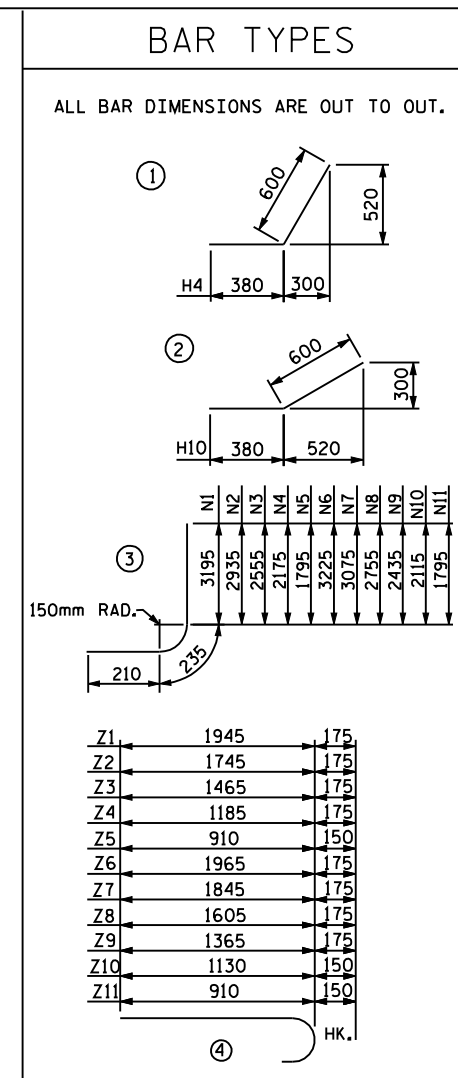
PLAN W1



ELEVATION W2



ELEVATION W1



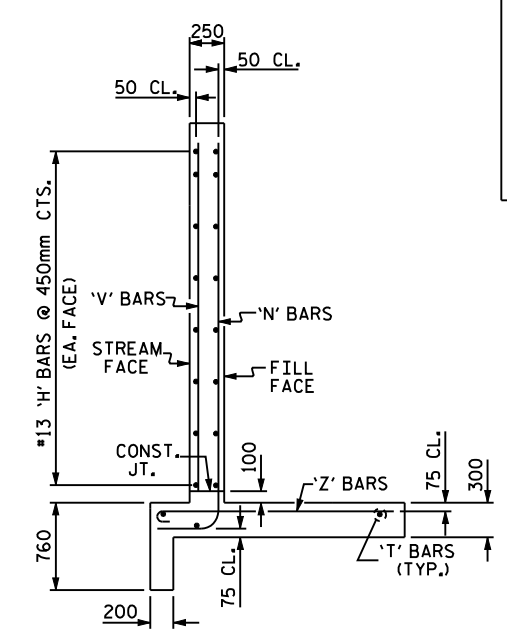
BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	16	13	3140	50
H2	4	13	2600	10
H3	4	13	1540	6
H4	32	13	980	31
H5	4	13	3400	14
H6	16	13	5940	94
H7	4	13	5040	20
H8	4	13	3200	13
H9	4	13	1360	5
H10	32	13	980	31
H11	4	13	6100	24
N1	4	19	3640	33
N2	6	19	3380	45
N3	8	19	3000	54
N4	8	16	2620	33
N5	8	13	2240	18
N6	4	19	3680	33
N7	8	19	3520	63
N8	12	19	3200	86
N9	12	16	2880	54
N10	12	16	2560	48
N11	12	13	2240	27
S1	12	19	1800	48
T1	6	16	3700	34
T2	6	16	6500	61
V1	4	16	3020	19
V2	4	16	2760	17
V3	4	13	2380	9
V4	4	13	2000	8
V5	4	13	1620	6
V6	4	16	3020	19
V7	2	16	2900	9
V8	6	16	2580	24
V9	6	13	2260	13
V10	6	13	1940	12
V11	6	13	1620	10
Z1	4	16	2120	13
Z2	6	16	1920	18
Z3	8	16	1640	20
Z4	8	16	1360	17
Z5	8	13	1060	8
Z6	6	16	2140	20
Z7	6	16	2020	19
Z8	12	16	1780	33
Z9	12	16	1540	29
Z10	12	13	1280	15
Z11	12	13	1060	13

REINFORCING STEEL FOR 4 WING WALLS 1286 kg

CLASS A CONCRETE

4 WINGS	25.5	m ³
2 HEADWALLS		m ³
2 END CURTAIN WALLS		m ³
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=3.000m SLOPE=2:1
 60° OR 120° SKEW

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : JLR 6/97	
CHECKED BY : VAP 5/98	

FOR WING ORIENTATION, SEE BARREL STANDARD SHEET.

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

TOTAL SHEETS