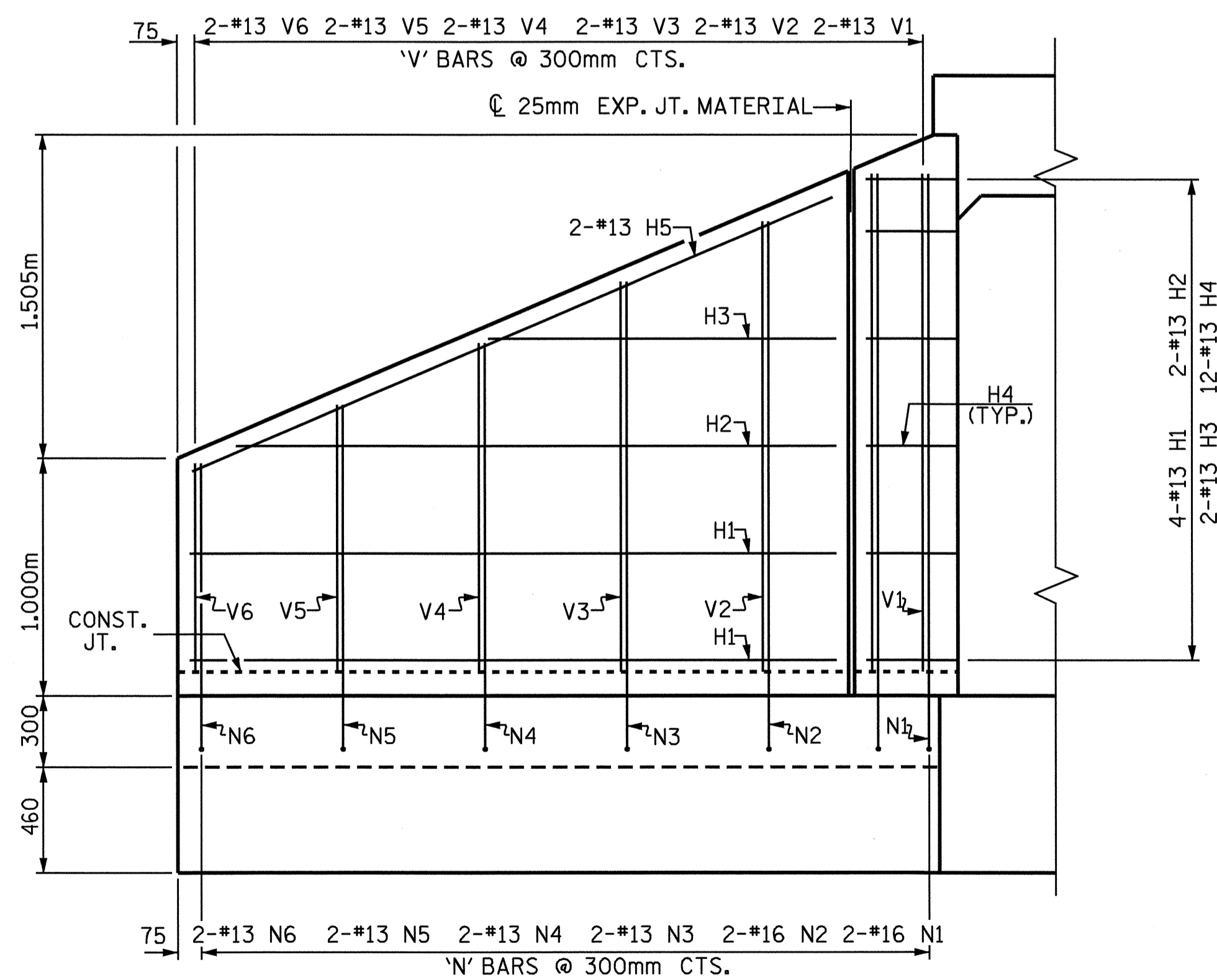
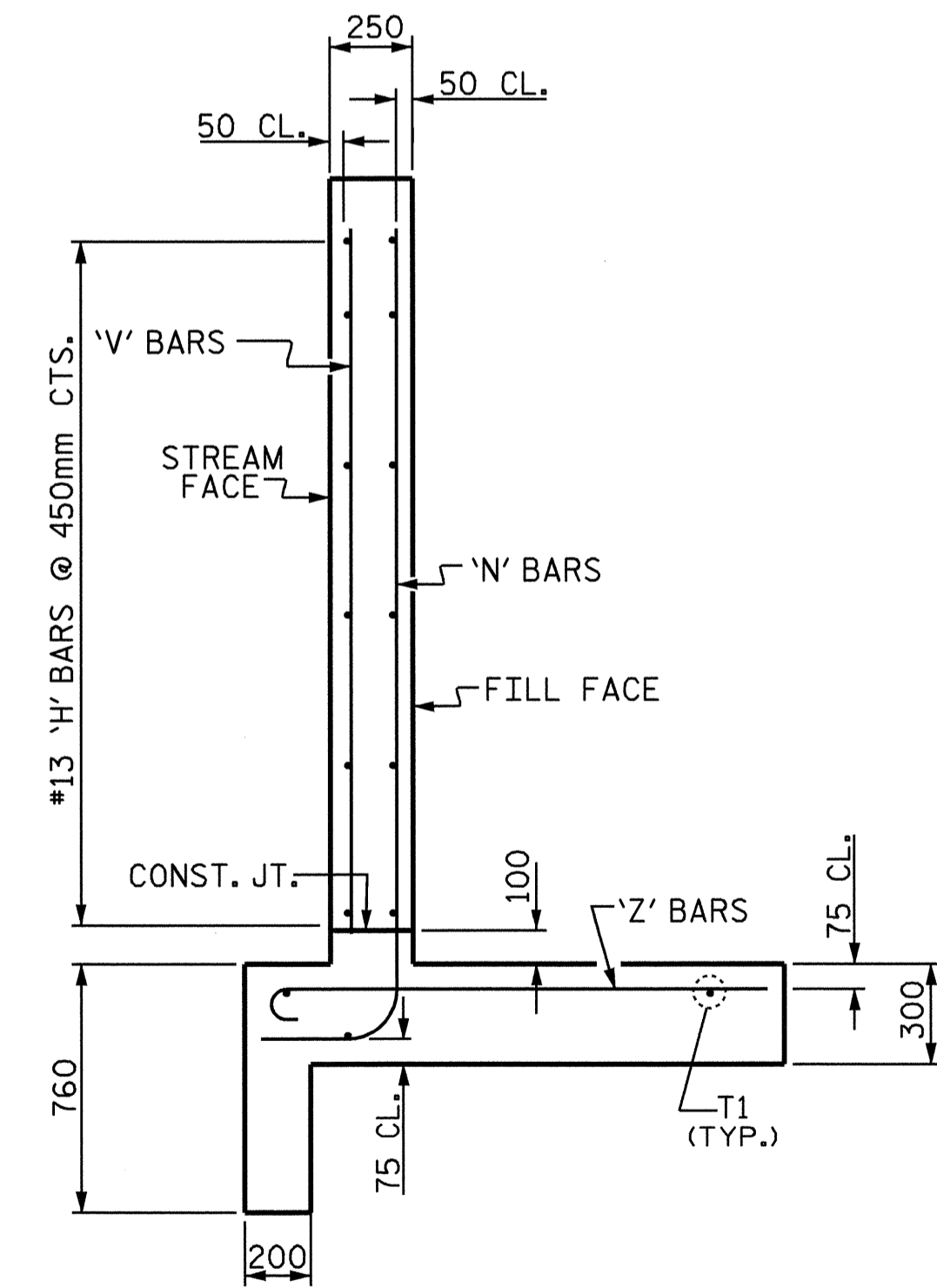


PLAN



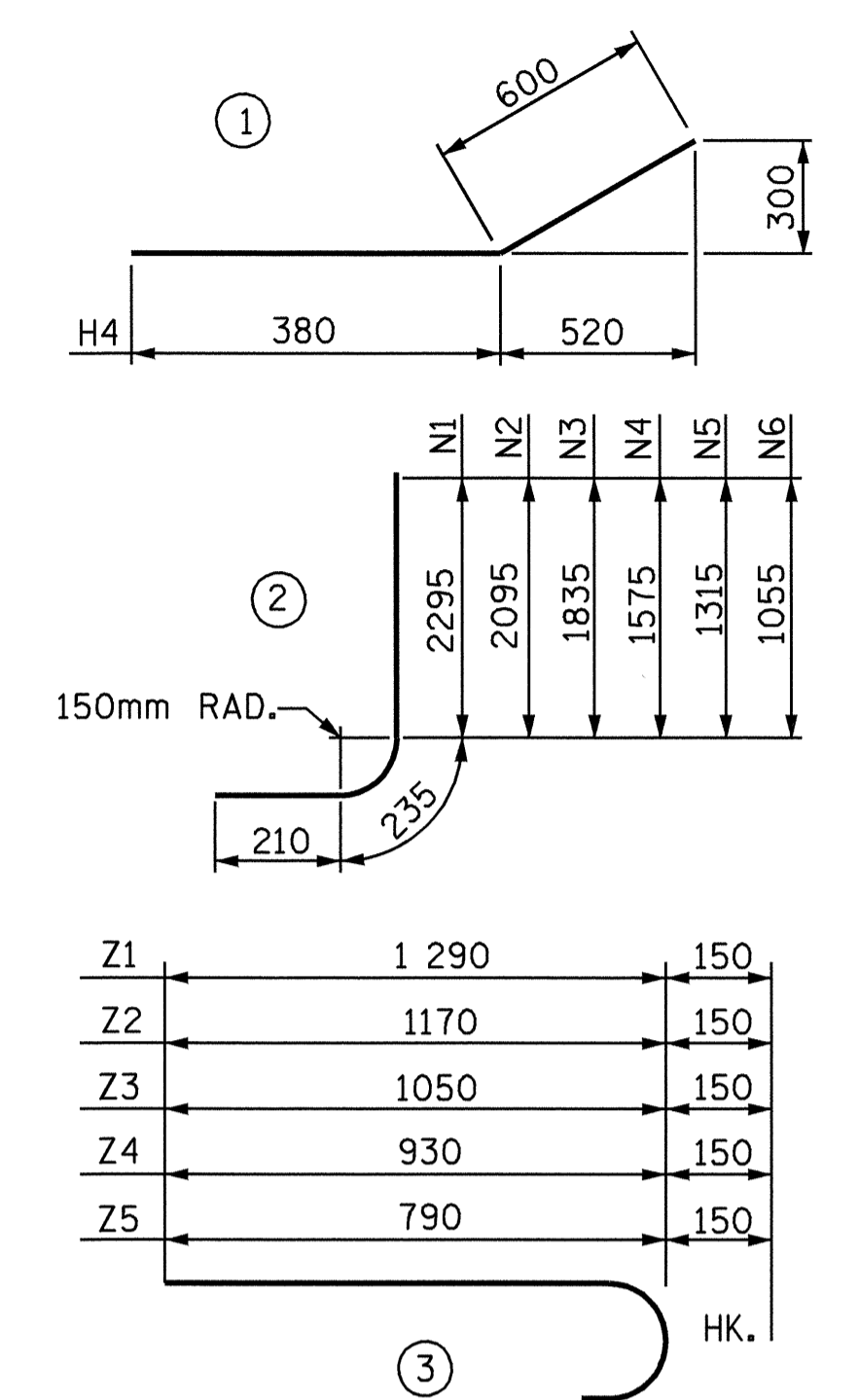
ELEVATION



TYPICAL WING SECTION

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.



BILL OF MATERIAL

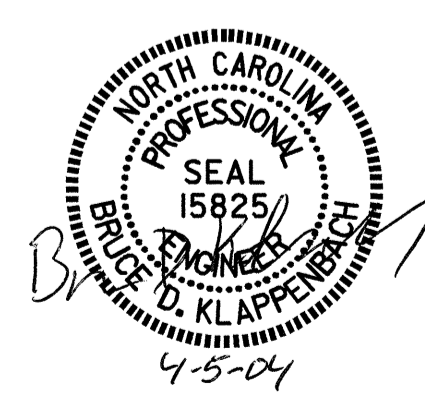
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	16	13	STR	2740	44
H2	8	13	STR	2540	20
H3	8	13	STR	1520	12
H4	48	13	1	980	47
H5	8	13	STR	2980	24
N1	8	16	2	2740	34
N2	8	16	2	2540	32
N3	8	13	2	2280	18
N4	8	13	2	2020	16
N5	8	13	2	1760	14
N6	8	13	2	1500	12
S1	12	19	STR	1800	48
T1	12	16	STR	3300	61
V1	8	13	STR	2120	17
V2	8	13	STR	1920	15
V3	8	13	STR	1660	13
V4	8	13	STR	1400	11
V5	8	13	STR	1140	9
V6	8	13	STR	880	7
Z1	16	13	3	1440	23
Z2	8	13	3	1320	10
Z3	8	13	3	1200	10
Z4	8	13	3	1080	9
Z5	8	13	3	940	7

REINFORCING STEEL FOR 4 WINGS 513 kg

CLASS A CONCRETE	Quantity
4 WINGS	12.1 m ³
2 HEADWALLS	0.6 m ³
2 END CURTAIN WALLS	0.5 m ³
TOTAL	13.2 m³

PROJECT NO. R-2514A
ON SLOW COUNTY
STATION: 112+07.700 -L- MED.

SHEET 4 OF 4



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD WINGS FOR CONCRETE BOX CULVERT
H = 2.100m SLOPE = 2 : 1
90°-00'-00" SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-4
1			3			TOTAL SHEETS
2			4			9

ASSEMBLED BY : J.B. WILSON	DATE : 6/03
CHECKED BY : M.G. SHAIKH	DATE : 7/03
DRAWN BY : FPP 06/97	
CHECKED BY : VAP 06/97	