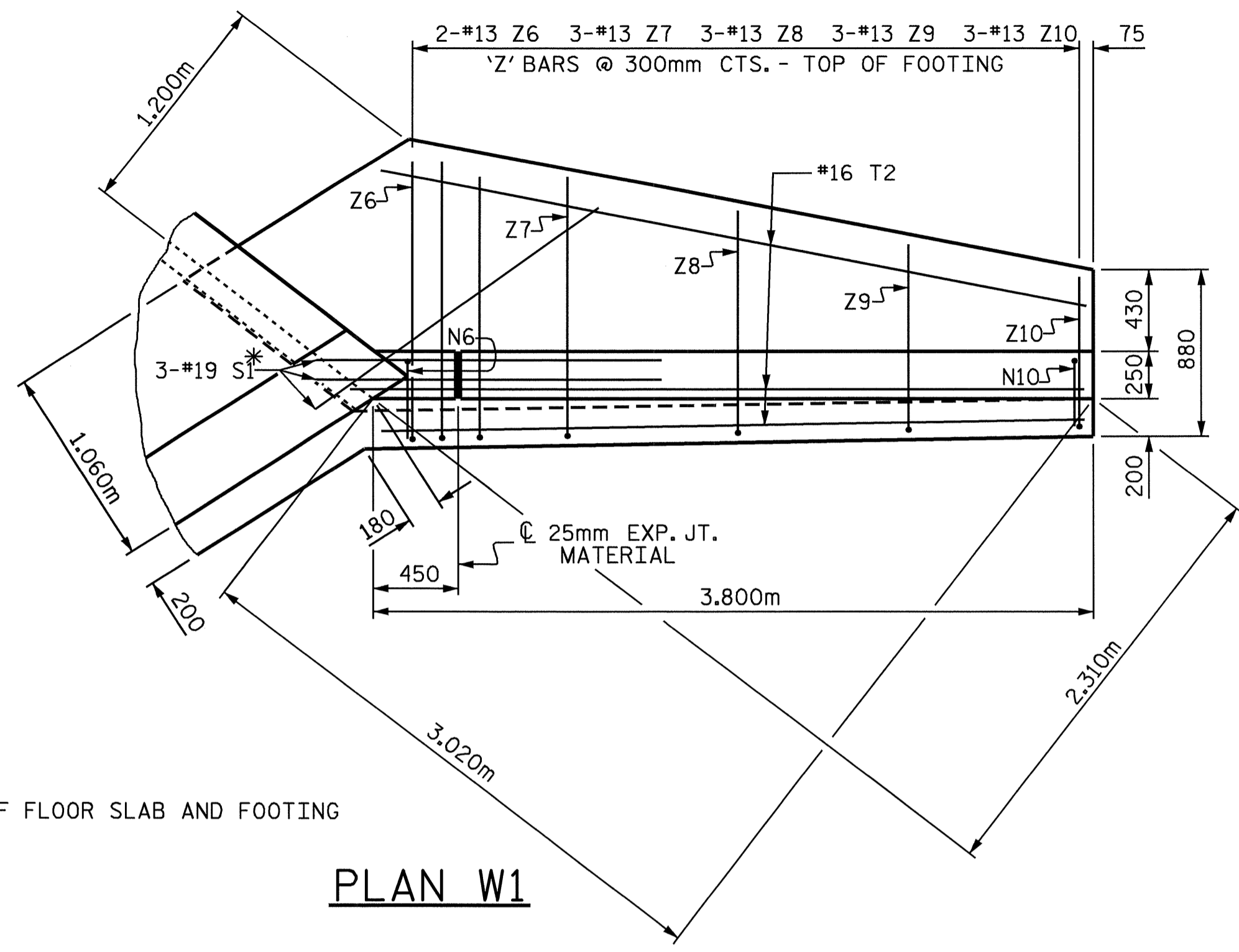
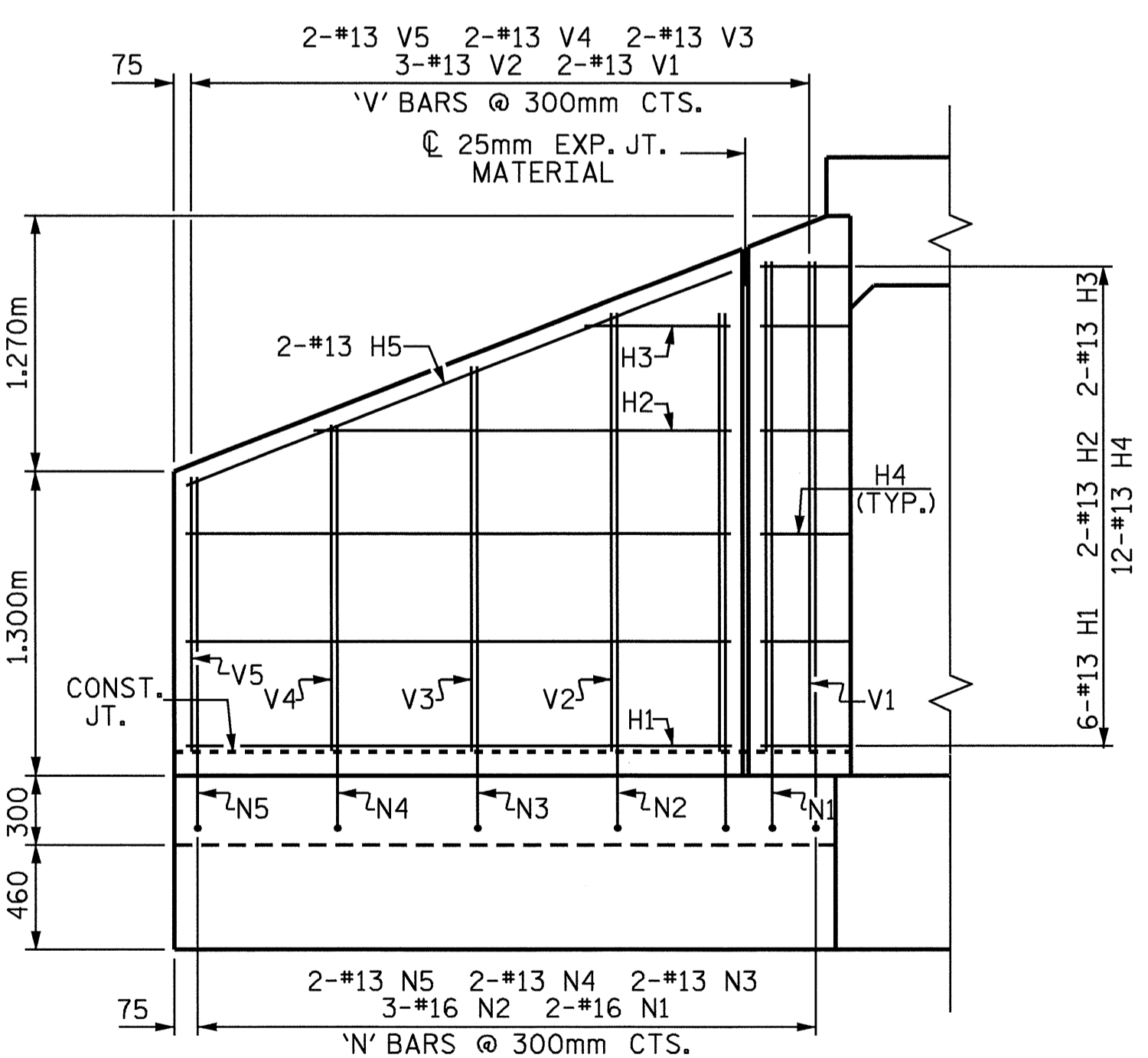


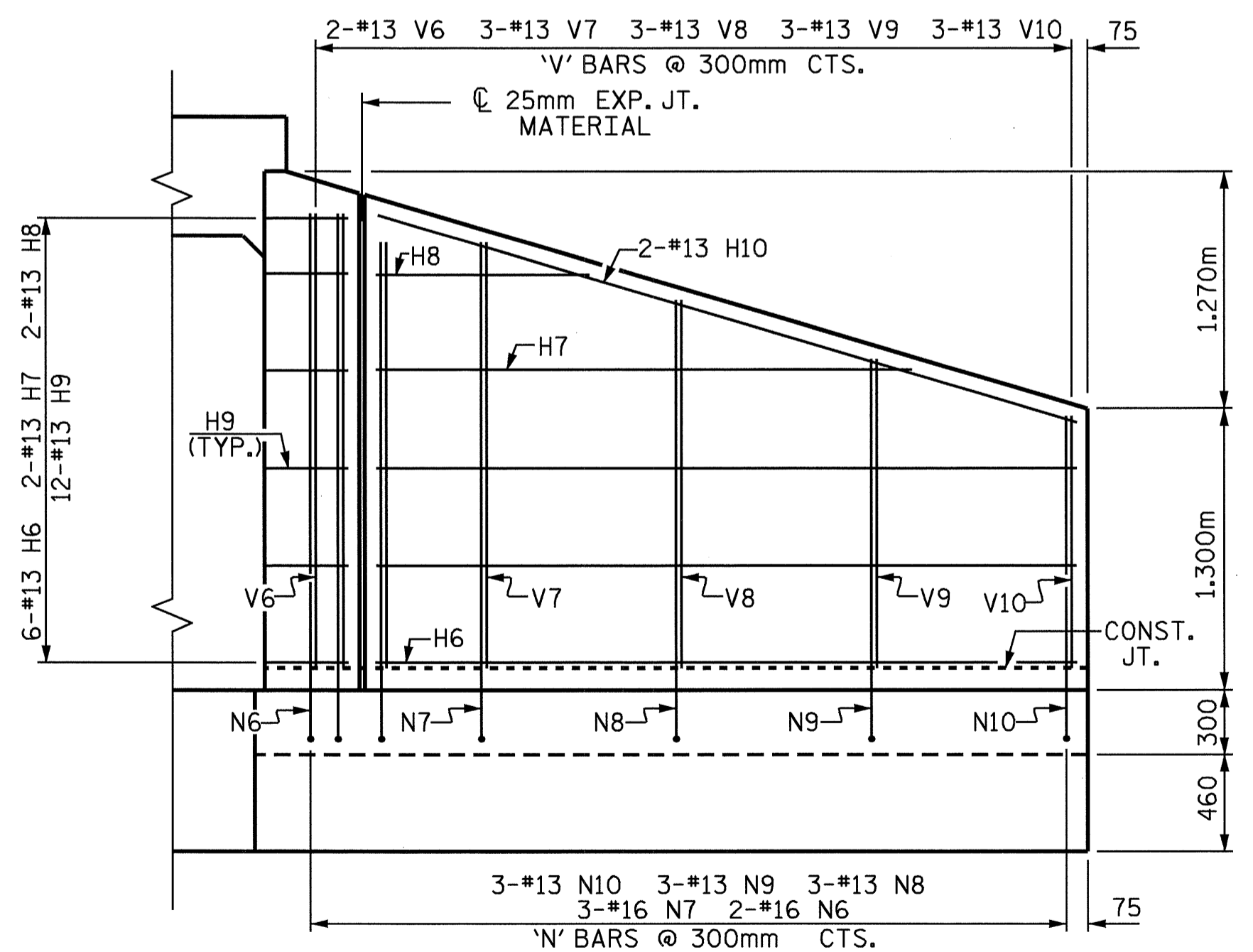
PLAN W2



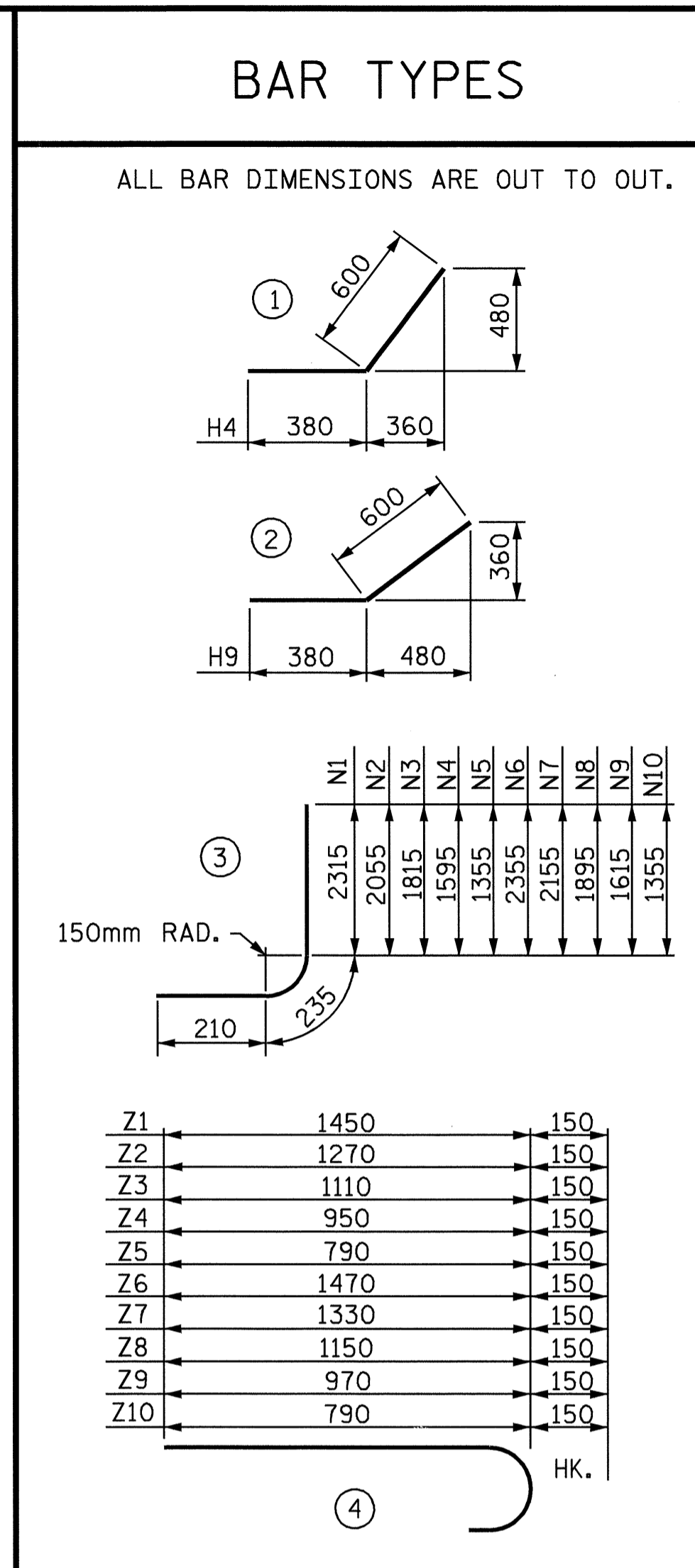
PLAN W1



ELEVATION W2

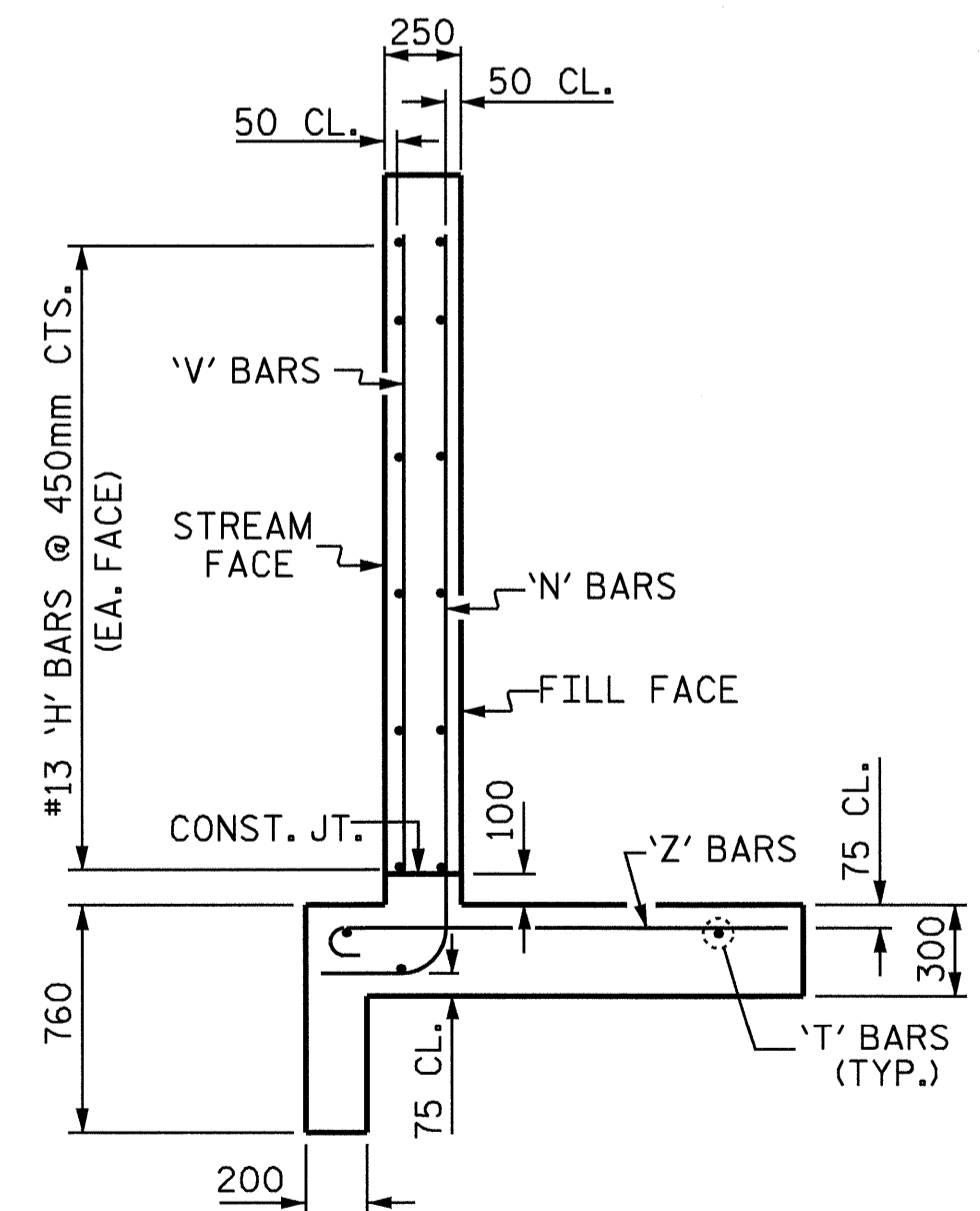


ELEVATION W1



BILL OF MATERIAL					
BAR NO.	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

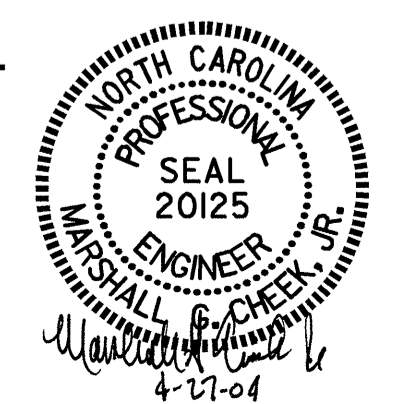
REINFORCING STEEL FOR 4 WING WALLS	559	kg
CLASS A CONCRETE		
4 WINGS	12.9	m ³
2 HEADWALLS	1.0	m ³
2 END CURTAIN WALLS	1.1	m ³
TOTAL	15.0	m³



TYPICAL WING SECTION

PROJECT NO. R-2911A
IREDELL COUNTY
 STATION: 32+55.510 -L-

SHEET 3 OF 3
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
STANDARD WINGS
 FOR
CONCRETE BOX CULVERT
 H=2.100m SLOPE=2:1
 70° SKEW



ASSEMBLED BY : CR LEWIS DATE : 01-04
 CHECKED BY : D. HODGE DATE : 03-04
 DRAWN BY : JLR 5/97
 CHECKED BY : VAP 10/97

FOR WING ORIENTATION, SEE BARREL STANDARD SHEET.
 A 900mm STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-3
1			3			TOTAL SHEETS
2			4			6