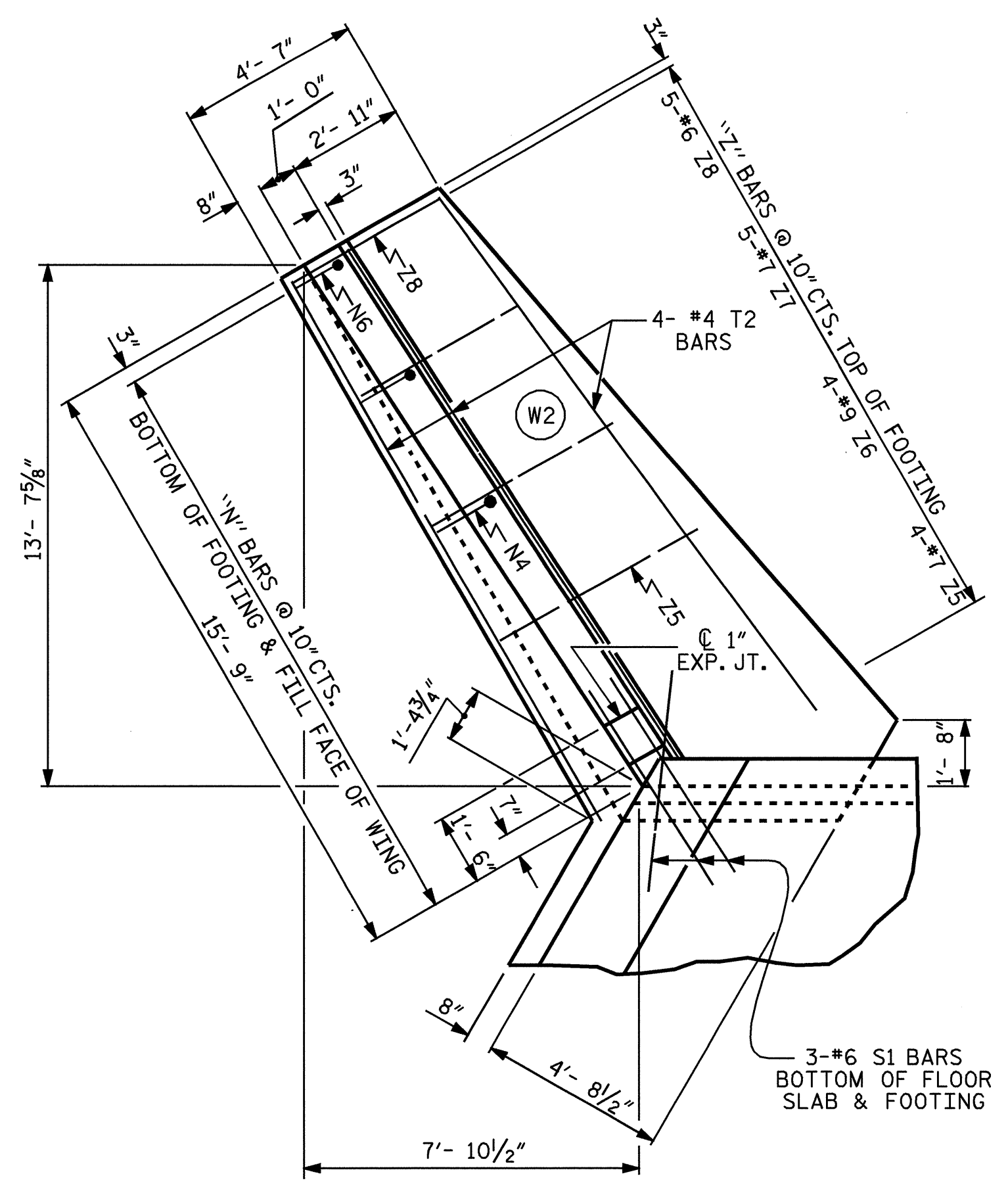
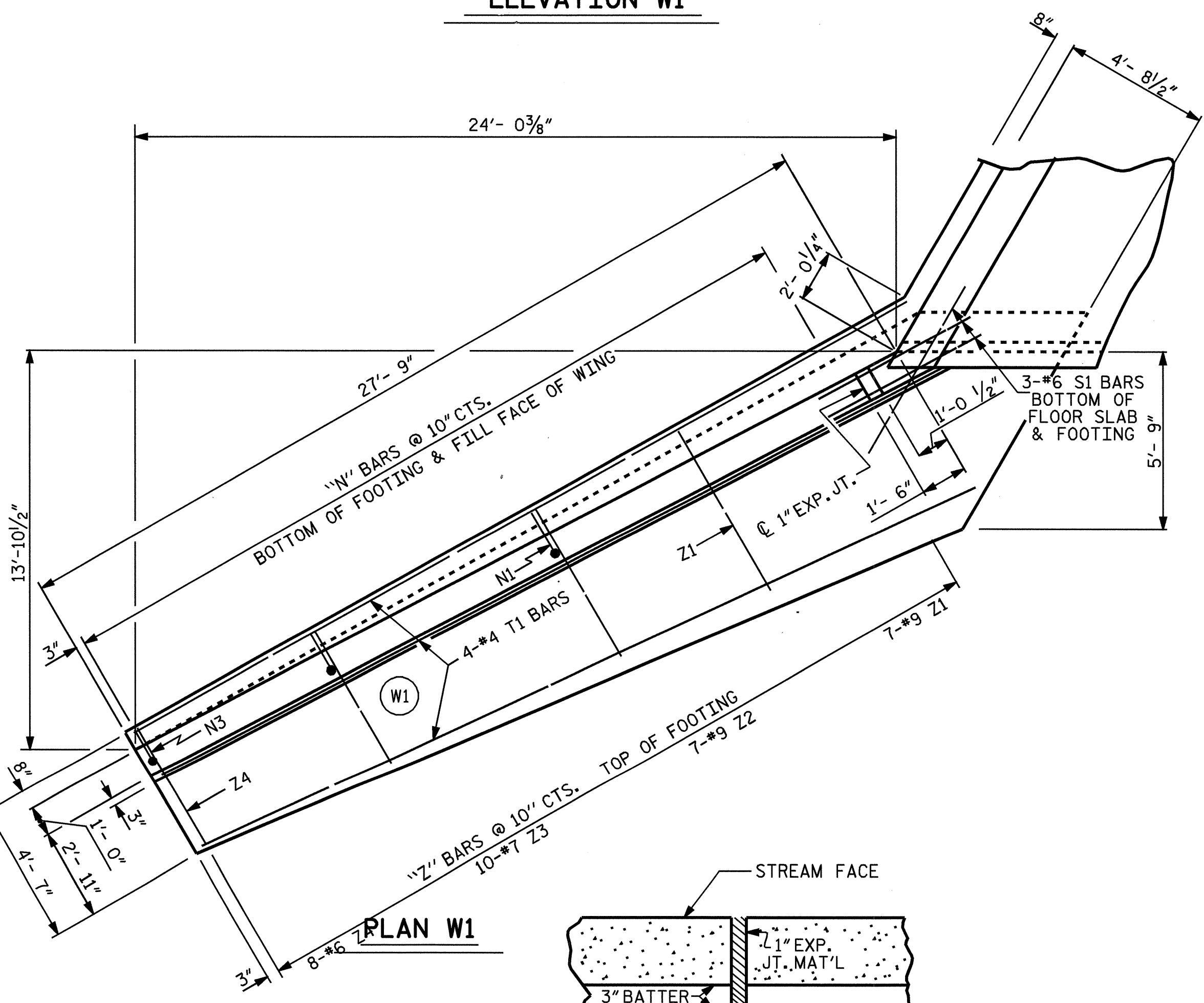


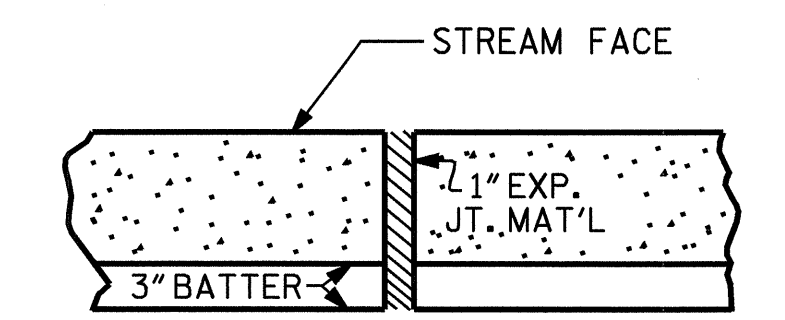
ELEVATION W1



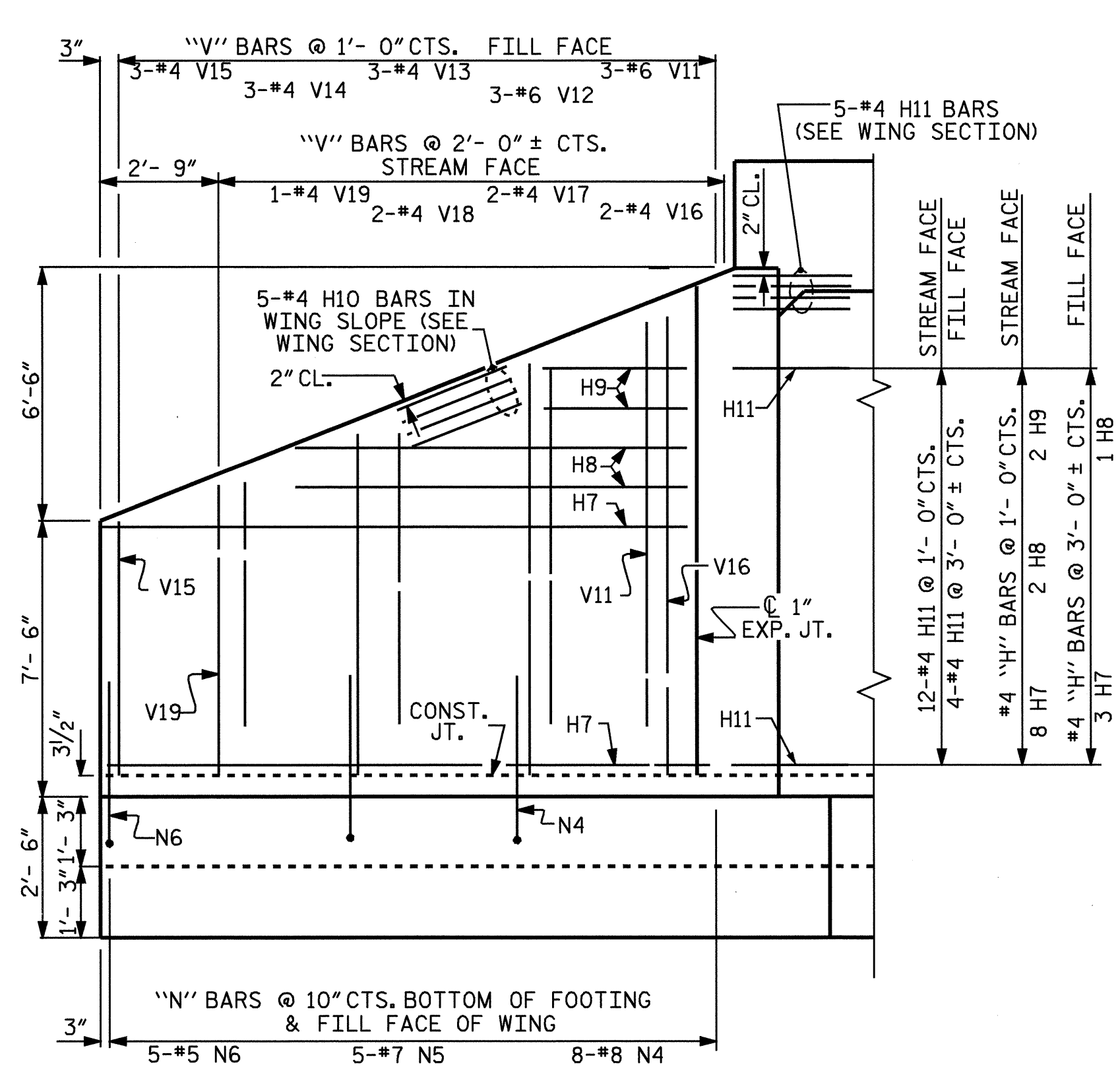
PLAN W2



PLAN W1



EXPANSION JOINT DETAIL



ELEVATION W2

BAR TYPES

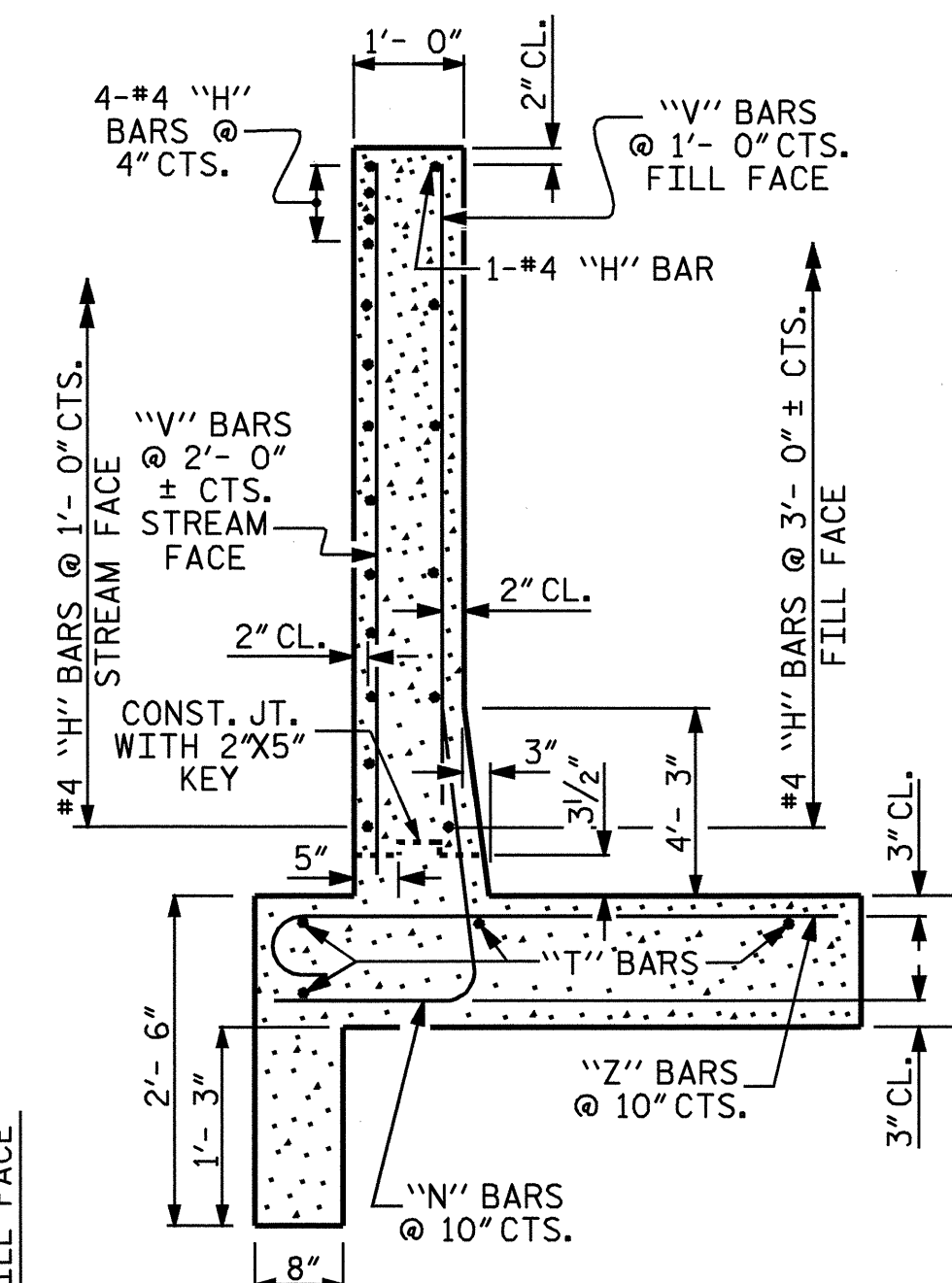
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	10	4	STR	25-10	173
H2	2	4	STR	21-0	28
H3	3	4	STR	12-9	26
H4	1	4	STR	8-2	5
H5	21	4	STR	3-3	46
H6	5	4	STR	26-0	87
H7	11	4	STR	13-10	102
H8	3	4	STR	8-7	17
H9	2	4	STR	3-10	5
H10	5	4	STR	14-5	48
H11	21	4	STR	3-3	46
N1	14	8	3	7-2	268
N2	10	7	3	6-11	141
N3	8	5	3	6-8	56
N4	8	8	3	7-2	153
N5	5	7	3	6-11	71
N6	5	5	3	6-8	35
S1	6	6	STR	6-0	54
T1	4	4	STR	28-9	77
T2	4	4	STR	15-9	42
V1	6	6	STR	11-0	99
V2	6	6	STR	9-6	86
V3	6	6	STR	7-6	66
V4	4	4	STR	6-6	25
V5	4	4	STR	5-5	18
V6	4	4	STR	5-5	18
V7	4	4	STR	11-1	22
V8	3	4	STR	10-0	22
V9	3	4	STR	9-9	15
V10	1	4	STR	7-9	16
V11	3	6	STR	7-3	5
V12	3	6	STR	11-0	50
V13	3	4	STR	9-9	44
V14	3	4	STR	7-9	16
V15	3	4	STR	6-6	13
V16	3	4	STR	5-3	11
V17	2	4	STR	11-9	16
V18	2	4	STR	10-0	13
V19	2	4	STR	8-6	12
V20	1	4	STR	7-6	5
Z1	7	9	4	7-10	186
Z2	7	9	4	7-1	169
Z3	10	7	4	5-10	119
Z4	8	6	4	4-11	59
Z5	4	9	4	7-10	107
Z6	4	9	4	7-1	96
Z7	5	7	4	5-11	60
Z8	5	6	4	4-11	37

ALL BAR DIMENSIONS ARE OUT TO OUT.

REINFORCING BAR SCHEDULE

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	10	4	STR	25-10	173
H2	2	4	STR	21-0	28
H3	3	4	STR	12-9	26
H4	1	4	STR	8-2	5
H5	21	4	STR	3-3	46
H6	5	4	STR	26-0	87
H7	11	4	STR	13-10	102
H8	3	4	STR	8-7	17
H9	2	4	STR	3-10	5
H10	5	4	STR	14-5	48
H11	21	4	STR	3-3	46
N1	14	8	3	7-2	268
N2	10	7	3	6-11	141
N3	8	5	3	6-8	56
N4	8	8	3	7-2	153
N5	5	7	3	6-11	71
N6	5	5	3	6-8	35
S1	6	6	STR	6-0	54
T1	4	4	STR	28-9	77
T2	4	4	STR	15-9	42
V1	6	6	STR	11-0	99
V2	6	6	STR	9-6	86
V3	6	6	STR	7-6	66
V4	4	4	STR	6-6	25
V5	4	4	STR	5-5	18
V6	4	4	STR	5-5	18
V7	4	4	STR	11-1	22
V8	3	4	STR	10-0	22
V9	3	4	STR	9-9	15
V10	1	4	STR	7-9	16
V11	3	6	STR	7-3	5
V12	3	6	STR	11-0	50
V13	3	4	STR	9-9	44
V14	3	4	STR	7-9	16
V15	3	4	STR	6-6	13
V16	3	4	STR	5-3	11
V17	2	4	STR	11-9	16
V18	2	4	STR	10-0	13
V19	2	4	STR	8-6	12
V20	1	4	STR	7-6	5
Z1	7	9	4	7-10	186
Z2	7	9	4	7-1	169
Z3	10	7	4	5-10	119
Z4	8	6	4	4-11	59
Z5	4	9	4	7-10	107
Z6	4	9	4	7-1	96
Z7	5	7	4	5-11	60
Z8	5	6	4	4-11	37

GRAND TOTAL 2826 LB.

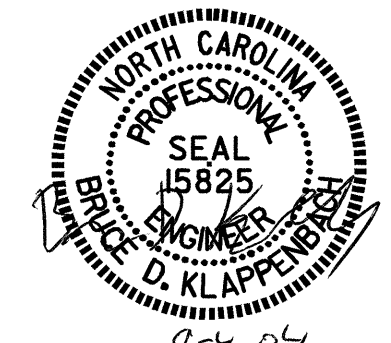


TYPICAL WING SECTION

WING QUANTITIES
 (INCLUDED IN TOTAL FOR STRUCTURE)

CLASS A CONCRETE	QUANTITY
2 WINGS ONLY AS SHOWN	32.7 CY.
2 HEADWALLS AND 1 CURTAIN WALL	3.5 CY.
TOTAL	36.2 CY.
REINFORCING STEEL	2826 LB.

PROJECT NO. U-0620
CUMBERLAND COUNTY
 STATION: 106+32.00 -L-
 SHEET 5 OF 6



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
INLET END WINGS FOR CONCRETE BOX CULVERT
 H = 13' SLOPE = 2:1
 60° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-10
1			3			TOTAL SHEETS
2			4			23

DRAWN BY: M. G. SHAIKH DATE: 03-16-01
 CHECKED BY: D. A. GLADDEN DATE: 8-14-03