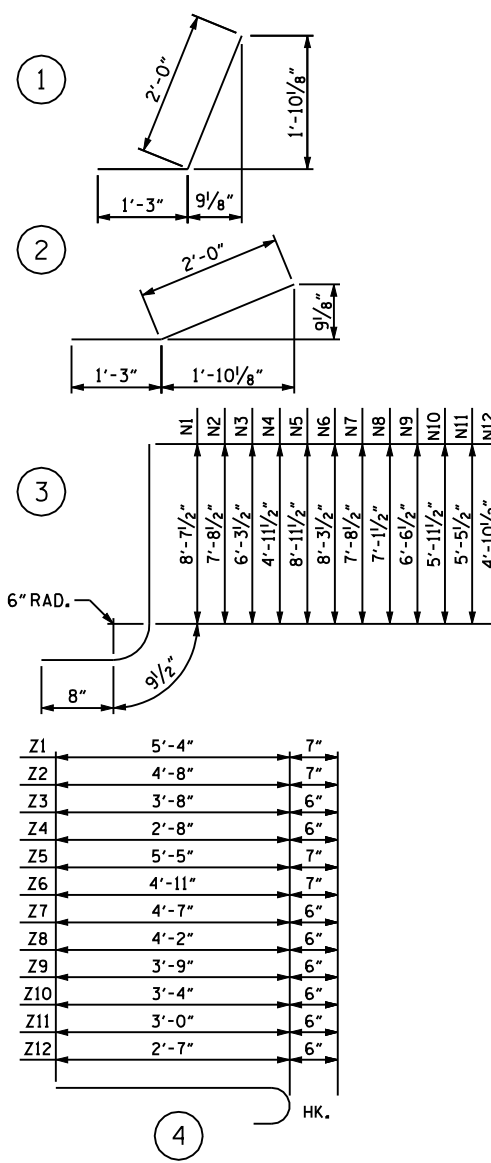


BAR TYPES

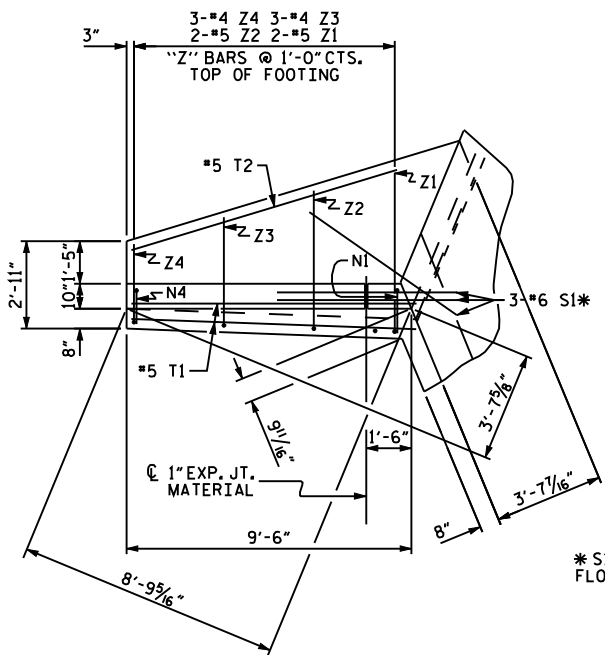
ALL BAR DIMENSIONS ARE OUT TO OUT.



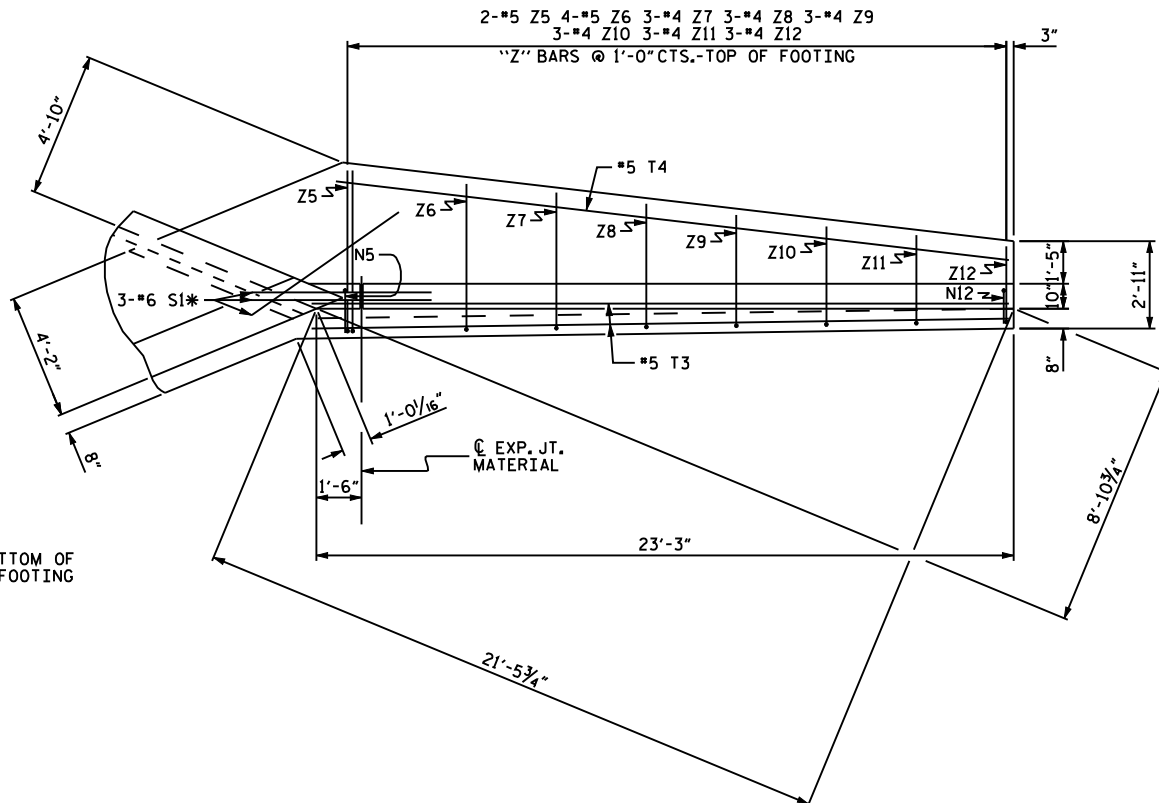
Z1	5'-4"	7"
Z2	4'-8"	7"
Z3	3'-8"	6"
Z4	2'-8"	6"
Z5	5'-5"	7"
Z6	4'-11"	7"
Z7	4'-7"	6"
Z8	4'-2"	6"
Z9	3'-9"	6"
Z10	3'-4"	6"
Z11	3'-0"	6"
Z12	2'-7"	6"

BILL OF MATERIAL

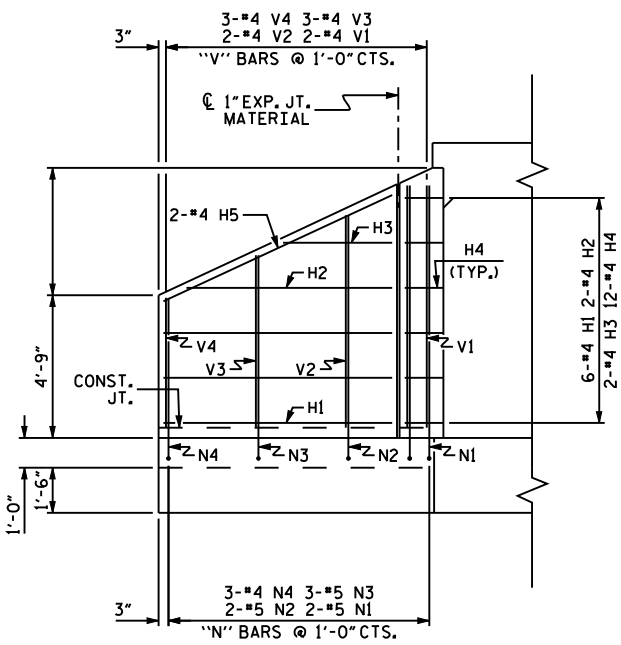
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	12	#4 STR	7'-7"	61	
H2	4	#4 STR	6'-10"	18	
H3	4	#4 STR	3'-7"	10	
H4	24	#4	3'-3"	52	
H5	4	#4 STR	8'-5"	22	
H6	12	#4 STR	21'-4"	171	
H7	4	#4 STR	19'-4"	52	
H8	4	#4 STR	11'-5"	31	
H9	4	#4 STR	3'-6"	9	
H10	24	#4	3'-3"	52	
H11	4	#4 STR	21'-9"	58	
N1	4	#5	3	42	
N2	4	#5	3	38	
N3	6	#5	3	48	
N4	6	#4	3	26	
N5	4	#5	3	43	
N6	8	#5	3	81	
N7	6	#5	3	57	
N8	6	#5	3	54	
N9	6	#4	3	32	
N10	6	#4	3	30	
N11	6	#4	3	28	
N12	6	#4	3	25	
S1	12	#6 STR	6'-0"	108	
T1	4	#5 STR	9'-6"	40	
T2	2	#5 STR	9'-3"	19	
T3	4	#5 STR	23'-3"	97	
T4	2	#5 STR	22'-7"	47	
V1	4	#4 STR	8'-1"	22	
V2	4	#4 STR	7'-1"	19	
V3	6	#4 STR	5'-9"	23	
V4	6	#4 STR	4'-4"	17	
V5	4	#4 STR	8'-5"	22	
V6	8	#4 STR	7'-8"	41	
V7	6	#4 STR	7'-1"	28	
V8	6	#4 STR	6'-6"	26	
V9	6	#4 STR	6'-0"	24	
V10	6	#4 STR	5'-5"	22	
V11	6	#4 STR	4'-10"	19	
V12	6	#4 STR	4'-3"	17	
Z1	4	#5	4	5'-11"	25
Z2	4	#5	4	5'-3"	22
Z3	6	#4	4	4'-2"	17
Z4	6	#4	4	3'-2"	13
Z5	4	#5	4	6'-0"	25
Z6	8	#5	4	5'-6"	46
Z7	6	#4	4	5'-1"	20
Z8	6	#4	4	4'-8"	19
Z9	6	#4	4	4'-3"	17
Z10	6	#4	4	3'-10"	15
Z11	6	#4	4	3'-6"	14
Z12	6	#4	4	3'-1"	12
REINFORCING STEEL FOR 4 WINGS				1876 LBS	
CLASS A CONCRETE					
4 WINGS				29.1 CY	
2 HEADWALLS				CY	
2 END CURTAIN WALLS				CY	
TOTAL				CY	



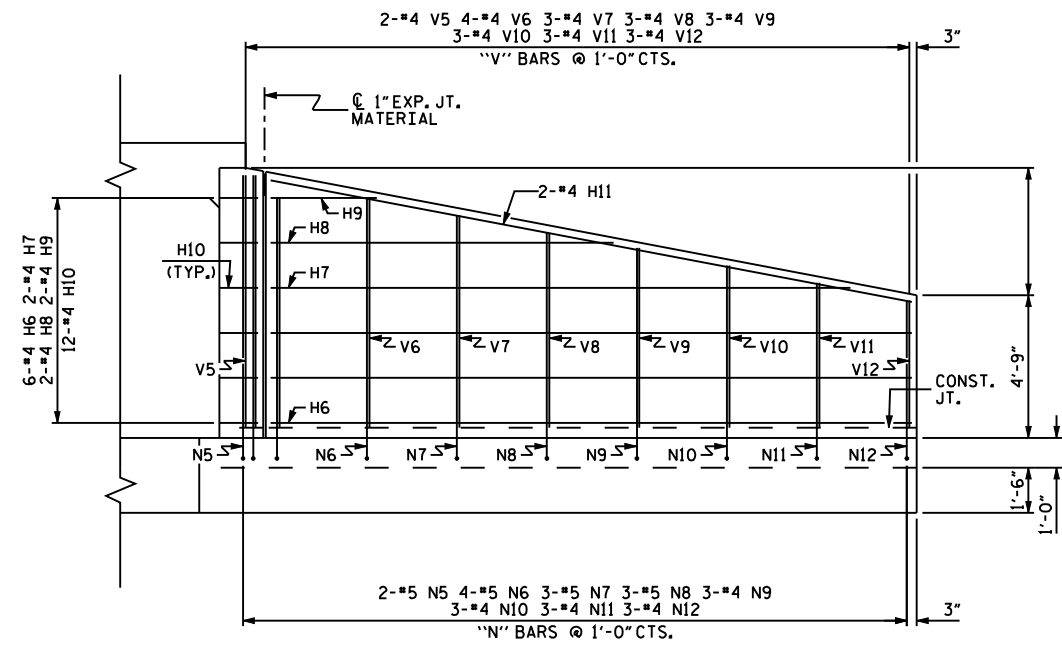
PLAN W2



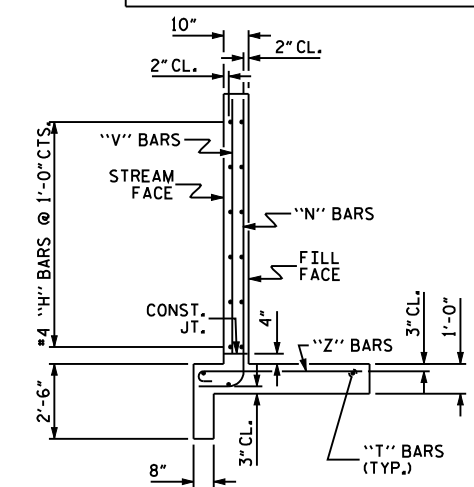
PLAN W1



ELEVATION W2



ELEVATION W1



TYPICAL WING SECTION

ASSEMBLED BY :	DATE :
CHECKED BY :	DATE :
DRAWN BY : CCJ 01/00	
CHECKED BY : RWW 03/00	

PROJECT NO. _____ COUNTY _____
STATION: _____

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD WINGS
FOR
CONCRETE BOX CULVERT
H = 8'-0" SLOPE = 2:1
45° OR 135° SKEW

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