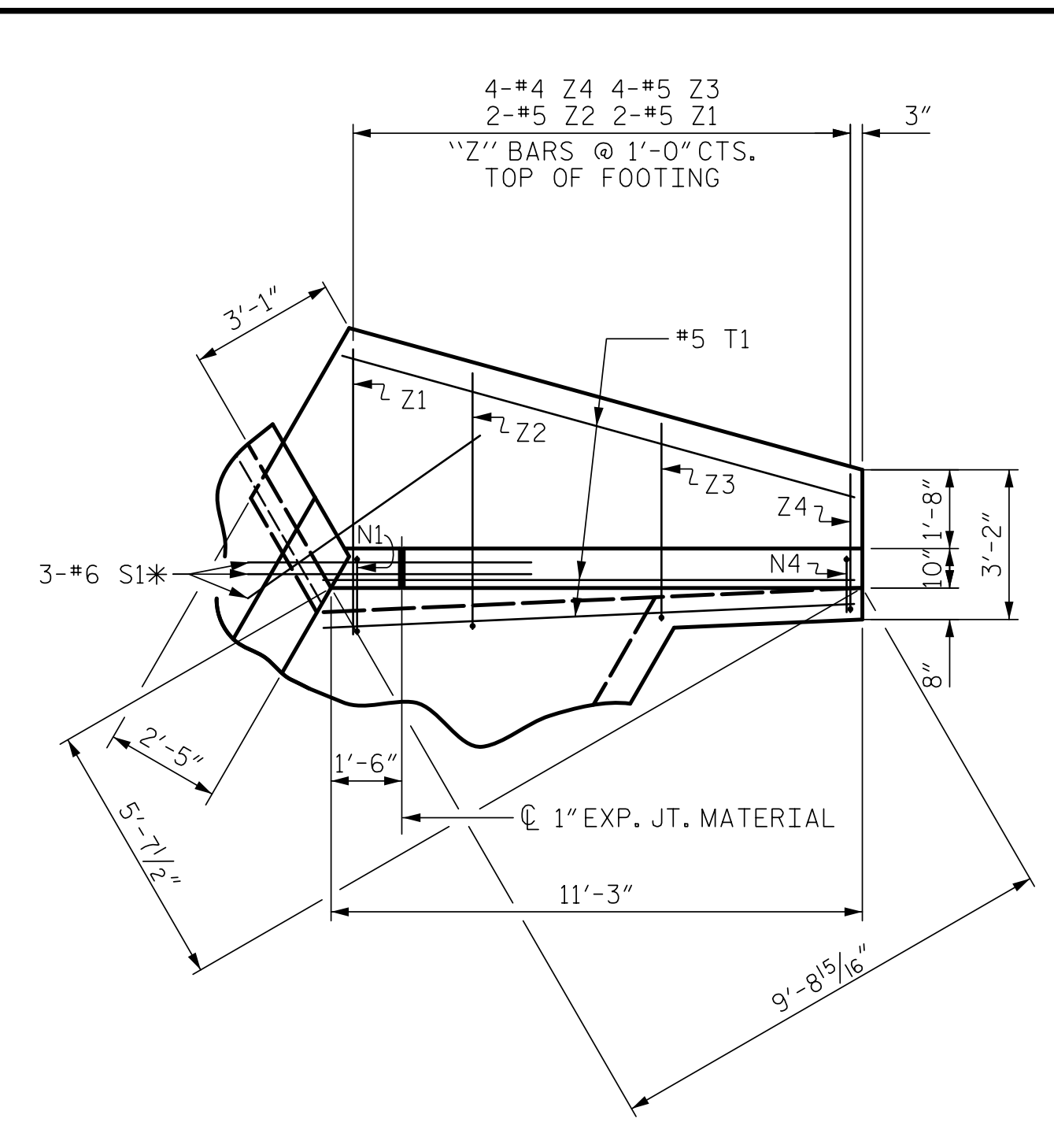
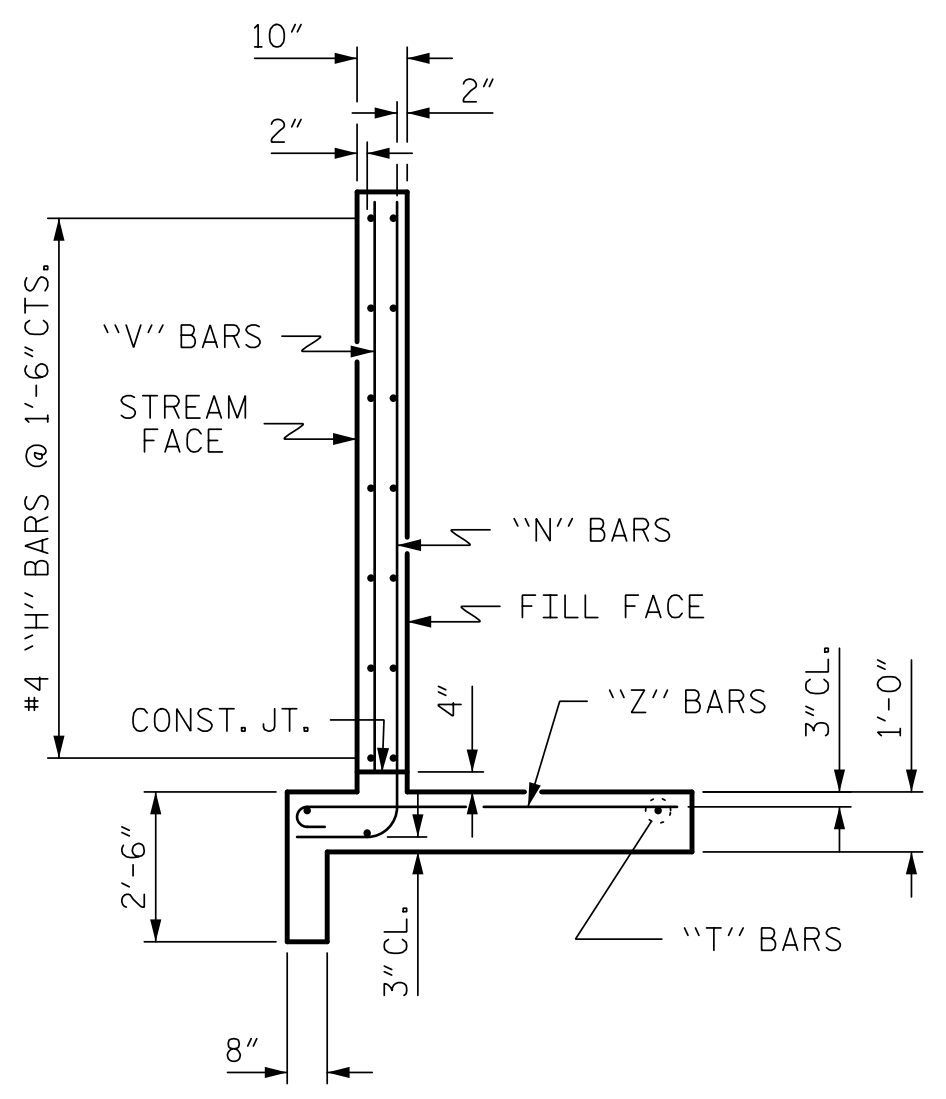


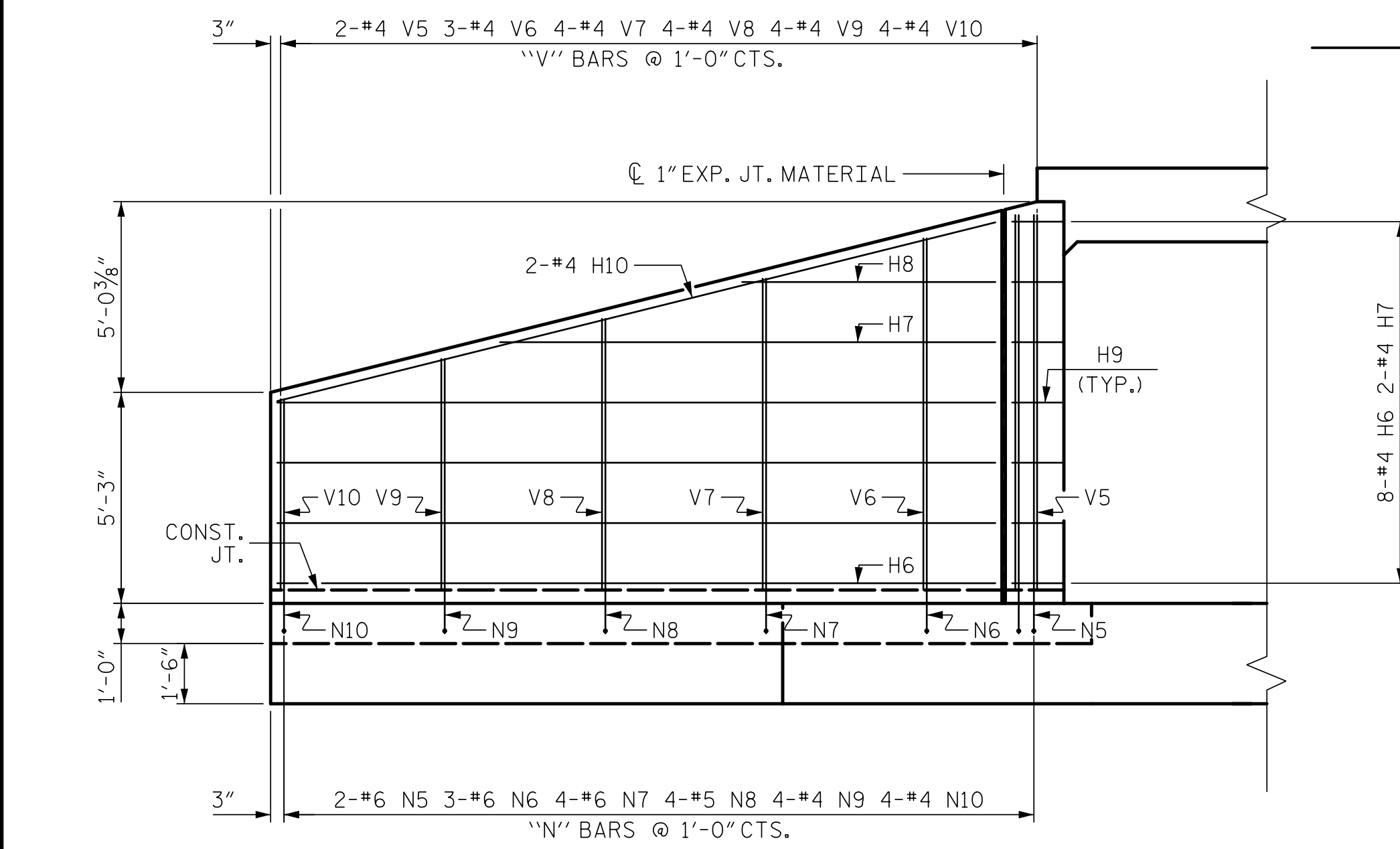
PLAN W1



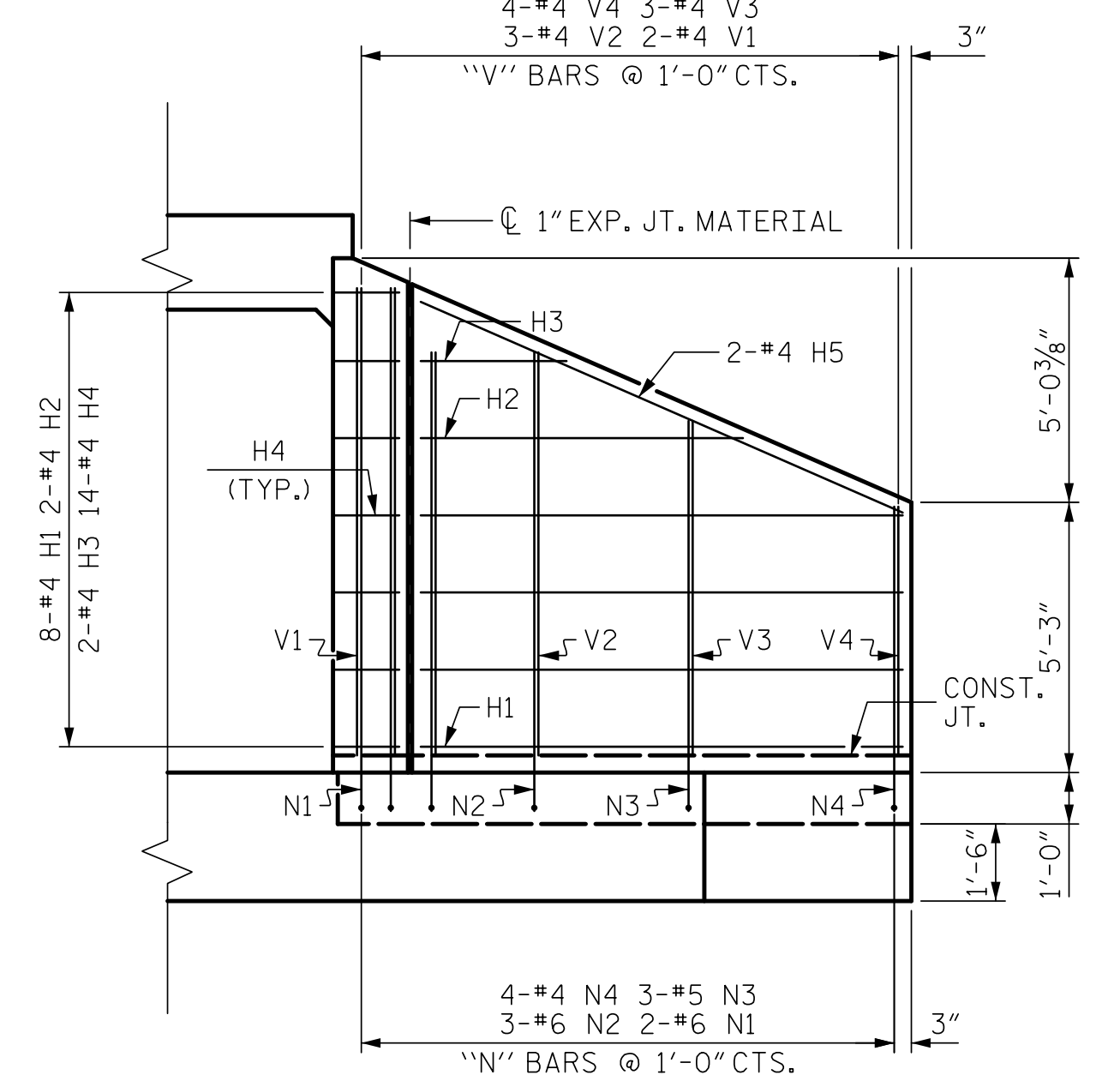
PLAN W2



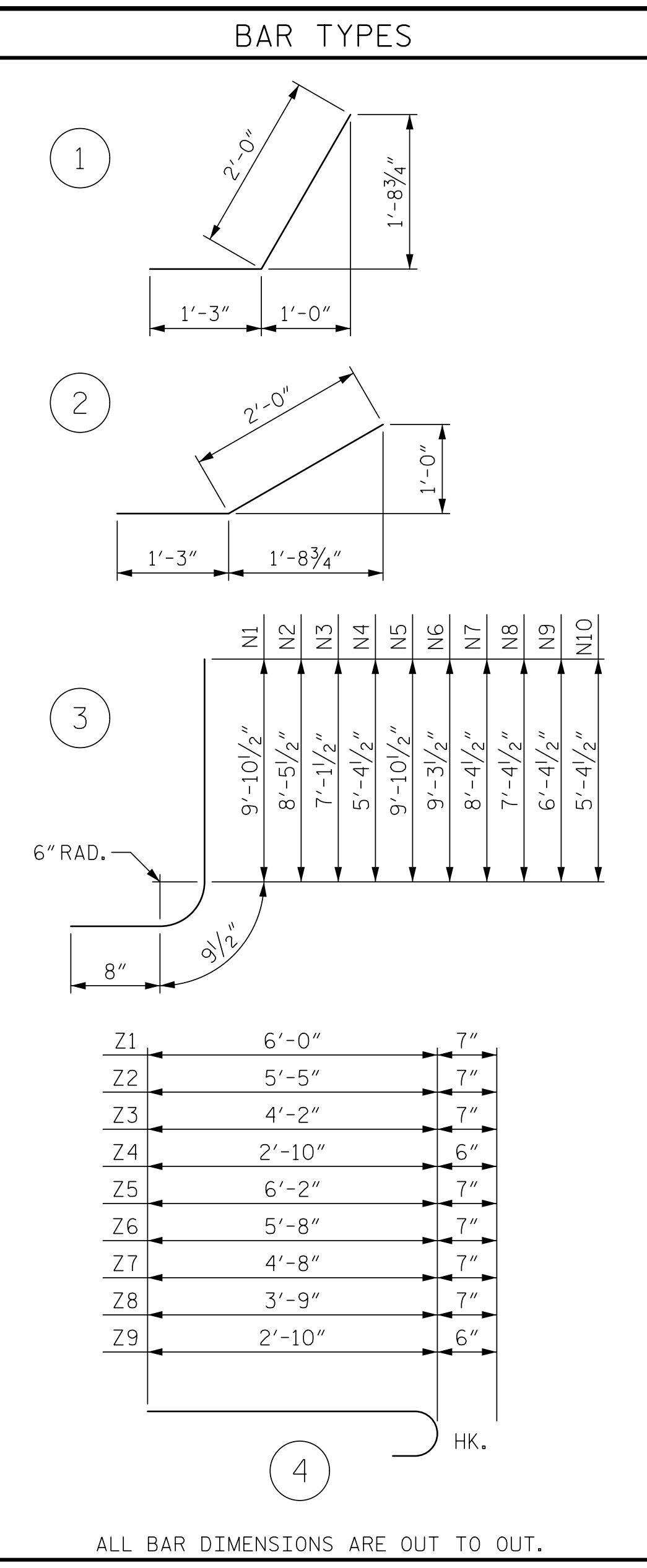
TYPICAL WING SECTION



ELEVATION W1



ELEVATION W2



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	8	#4	STR	9'-4"	50
H2	2	#4	STR	6'-3"	8
H3	2	#4	STR	2'-10"	4
H4	14	#4	1	3'-3"	30
H5	2	#4	STR	10'-2"	14
H6	8	#4	STR	17'-10"	95
H7	2	#4	STR	12'-4"	16
H8	2	#4	STR	6'-3"	8
H9	14	#4	2	3'-3"	30
H10	2	#4	STR	18'-5"	25
N1	2	#6	3	11'-4"	34
N2	3	#6	3	9'-11"	45
N3	3	#5	3	8'-7"	27
N4	4	#4	3	6'-10"	18
N5	2	#6	3	11'-4"	34
N6	3	#6	3	10'-9"	48
N7	4	#6	3	9'-10"	59
N8	4	#5	3	8'-10"	37
N9	4	#4	3	7'-10"	21
N10	4	#4	3	6'-10"	18
S1	6	#6	STR	6'-0"	54
T1	3	#5	STR	11'-3"	35
T2	3	#5	STR	19'-9"	62
V1	2	#4	STR	9'-1"	12
V2	3	#4	STR	7'-10"	16
V3	3	#4	STR	6'-6"	13
V4	4	#4	STR	4'-10"	13
V5	2	#4	STR	9'-4"	12
V6	3	#4	STR	8'-9"	18
V7	4	#4	STR	7'-9"	21
V8	4	#4	STR	6'-9"	18
V9	4	#4	STR	5'-9"	15
V10	4	#4	STR	4'-9"	13
Z1	2	#5	4	6'-7"	14
Z2	2	#5	4	6'-0"	13
Z3	4	#5	4	4'-9"	20
Z4	4	#4	4	3'-4"	9
Z5	2	#5	4	6'-9"	14
Z6	3	#5	4	6'-3"	20
Z7	5	#5	4	5'-3"	27
Z8	5	#5	4	4'-4"	23
Z9	5	#4	4	3'-4"	11
REINFORCING STEEL				1074 LBS	
FOR 2 WINGS					
CLASS A CONCRETE					
2 WINGS				14.3 CY	
1 HEADWALL				1.9 CY	
1 END CURTAIN WALL				3.4 CY	
2 EDGE BEAMS				2.8 CY	
TOTAL				22.4 CY	

NOTE:
A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.
G1 BARS IN HEADWALL ARE INCLUDED WITH THE BARREL REINFORCING STEEL.

PROJECT NO. A-0009CA
GRAHAM COUNTY
 STATION: 113+69.00 -L-
 SHEET 8 OF 8

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

WINGS FOR CONCRETE BOX CULVERT

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C4-8
1			3			TOTAL SHEETS
2			4			8

DRAWN BY : ZCS DATE : 3/21
 CHECKED BY : MGC DATE : 9/21
 DESIGN ENGINEER OF RECORD: ZCS DATE : 4/22