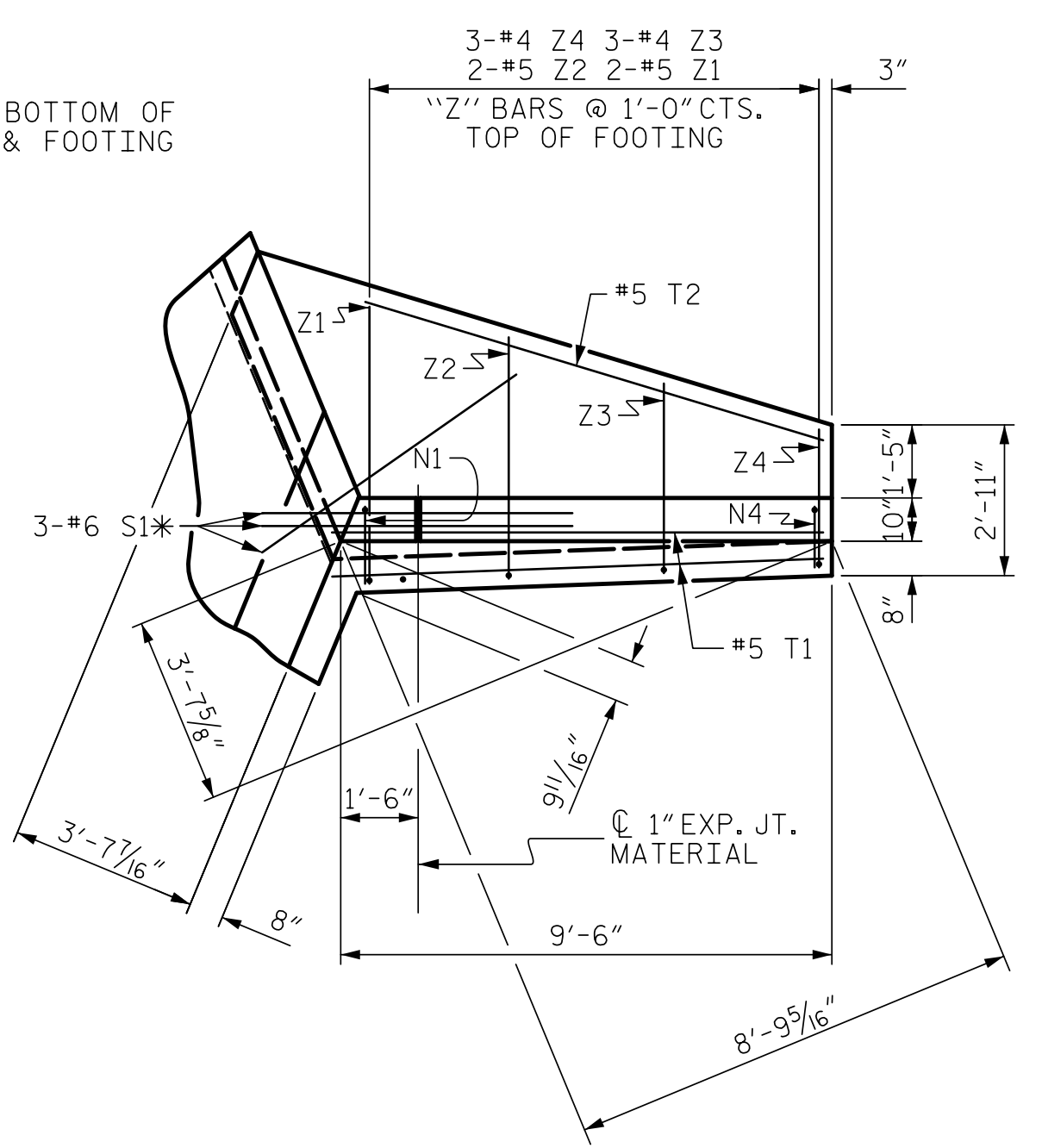
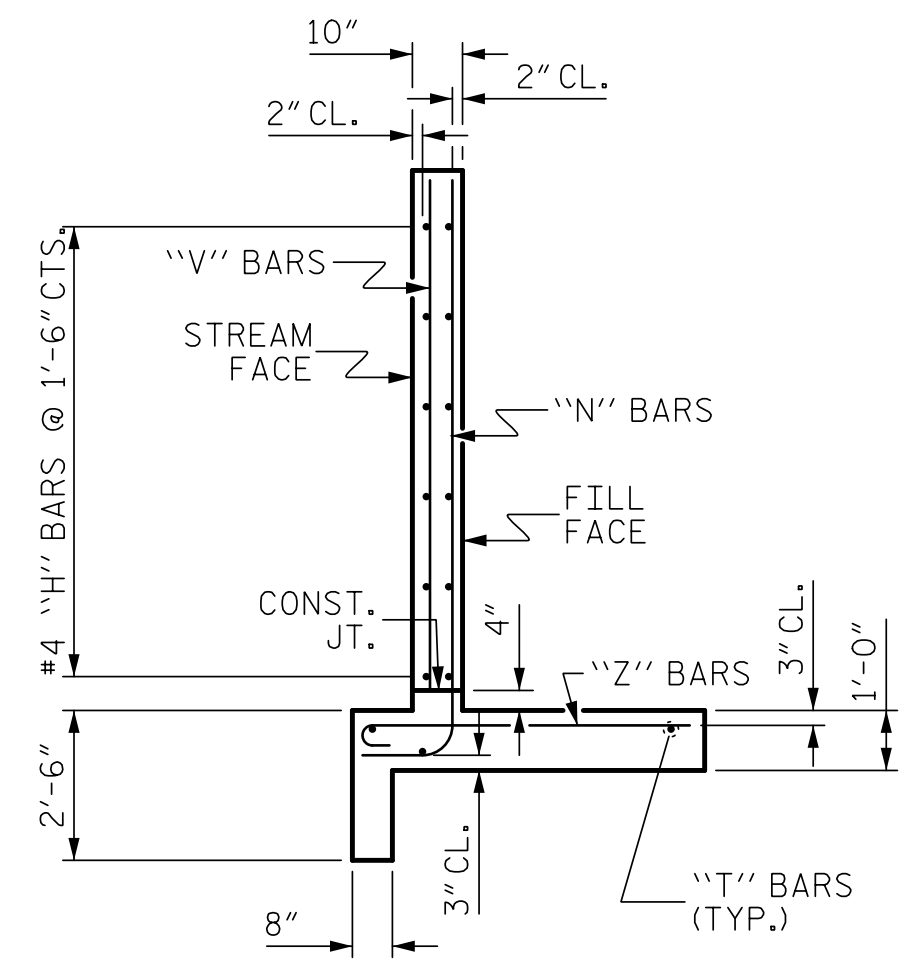


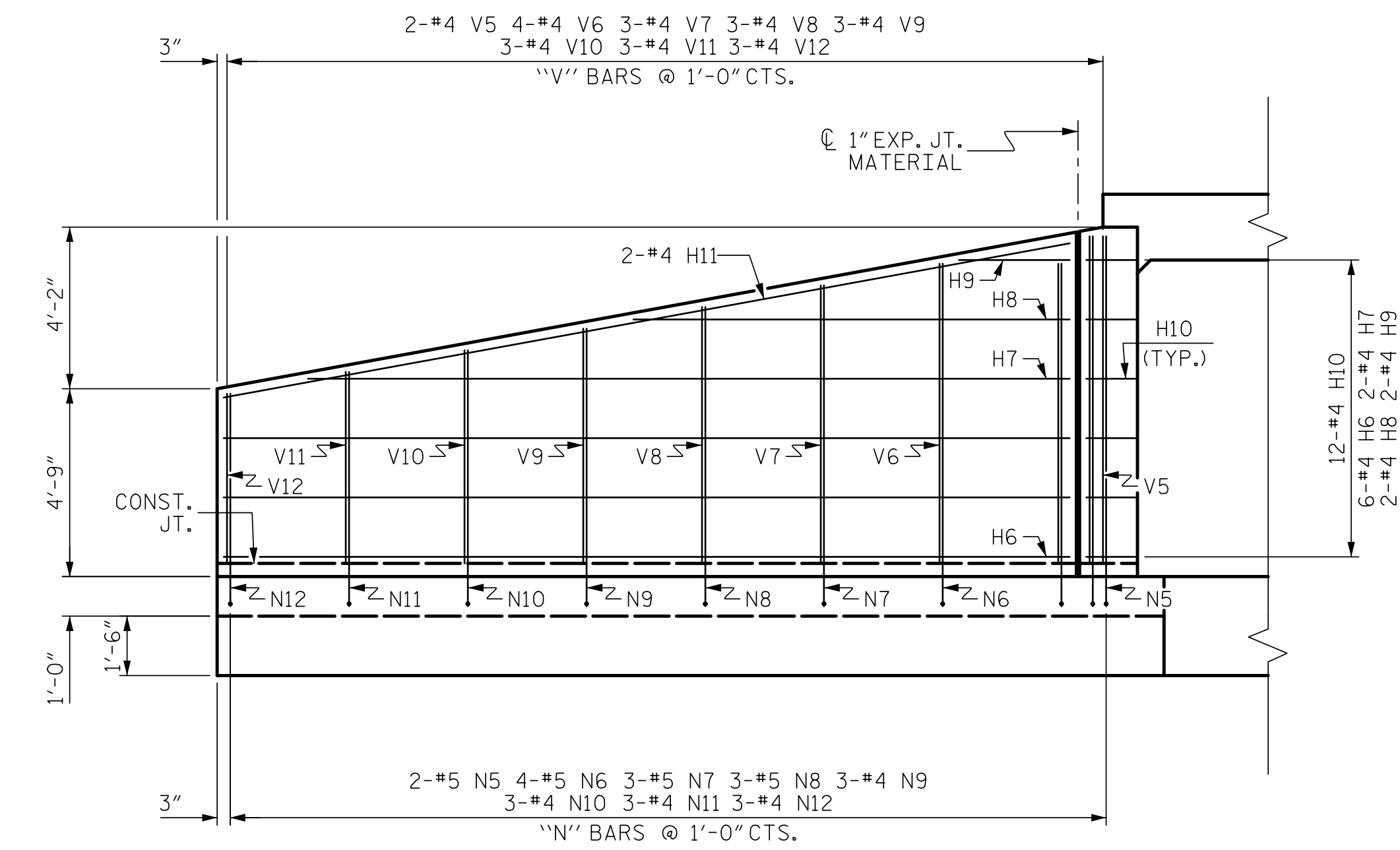
PLAN W1



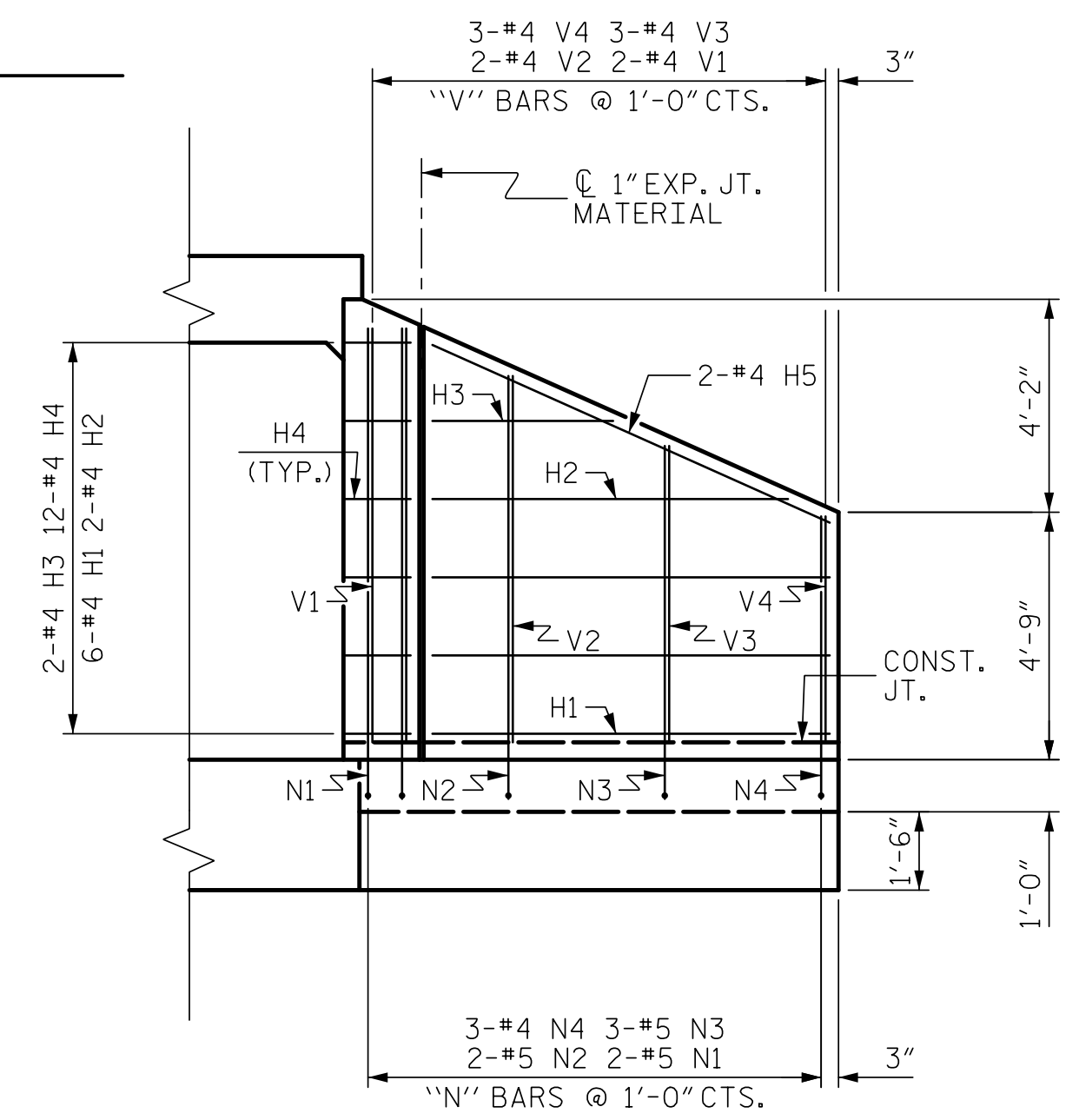
PLAN W2



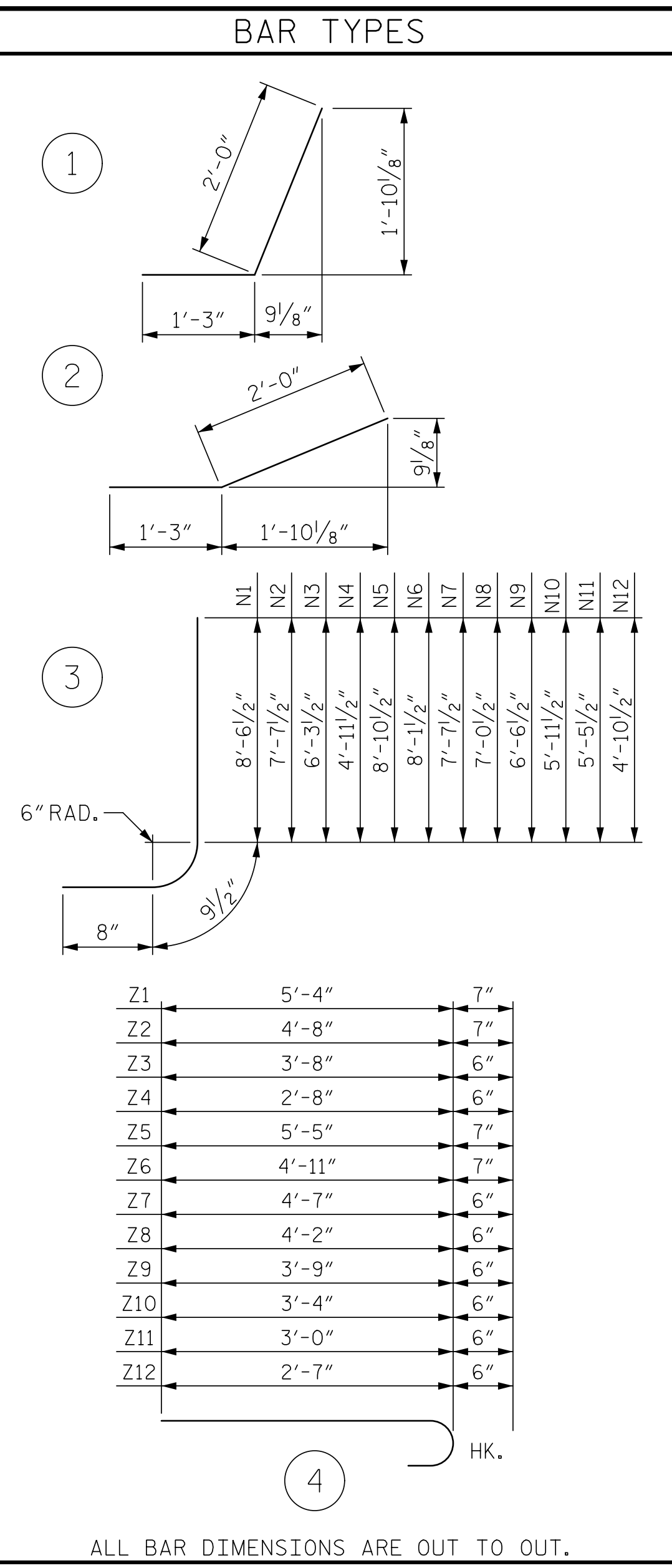
TYPICAL WING SECTION



ELEVATION W1



ELEVATION W2



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	7'-7"	61
H2	4	#4	STR	6'-9"	18
H3	4	#4	STR	3'-5"	9
H4	24	#4	1	3'-3"	52
H5	4	#4	STR	8'-4"	22
H6	12	#4	STR	21'-4"	171
H7	4	#4	STR	19'-3"	51
H8	4	#4	STR	11'-0"	29
H9	4	#4	STR	2'-9"	7
H10	24	#4	2	3'-3"	52
H11	4	#4	STR	21'-8"	58
N1	4	#5	3	10'-0"	42
N2	4	#5	3	9'-1"	38
N3	6	#5	3	7'-9"	48
N4	6	#4	3	6'-5"	26
N5	4	#5	3	10'-4"	43
N6	8	#5	3	9'-7"	80
N7	6	#5	3	9'-1"	57
N8	6	#5	3	8'-6"	53
N9	6	#4	3	8'-0"	32
N10	6	#4	3	7'-5"	30
N11	6	#4	3	6'-11"	28
N12	6	#4	3	6'-4"	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	7'-8"	20
V2	4	#4	STR	6'-10"	18
V3	6	#4	STR	5'-7"	22
V4	6	#4	STR	4'-4"	17
V5	4	#4	STR	8'-1"	22
V6	8	#4	STR	7'-4"	39
V7	6	#4	STR	6'-10"	27
V8	6	#4	STR	6'-3"	25
V9	6	#4	STR	5'-9"	23
V10	6	#4	STR	5'-3"	21
V11	6	#4	STR	4'-9"	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					1858 LBS
FOR 4 WINGS					
CLASS A CONCRETE					
4 WINGS					29.1 CY
2 HEADWALLS					1.0 CY
2 END CURTAIN WALLS					0.9 CY
TOTAL					31.0 CY

NOTES:

- G1 BARS IN HEADWALL ARE INCLUDED WITH THE BARREL REINFORCING STEEL.
- 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.

PROJECT NO. A-0009CA
 COUNTY GRAHAM
 STATION: 108+27.00 -L-

SHEET 6 OF 6

6/1/2022

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD WINGS
 FOR SINGLE BARREL
 CONCRETE BOX CULVERT
 H = 8'-0" SLOPE = 2:1

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. C3-6
 TOTAL SHEETS 6

ASSEMBLED BY : ZCS	DATE : 4/21
CHECKED BY : MGC	DATE : 4/21
DRAWN BY : CCJ 01/00	REV. 6/19 MAA/THC
CHECKED BY : RWW 03/00	