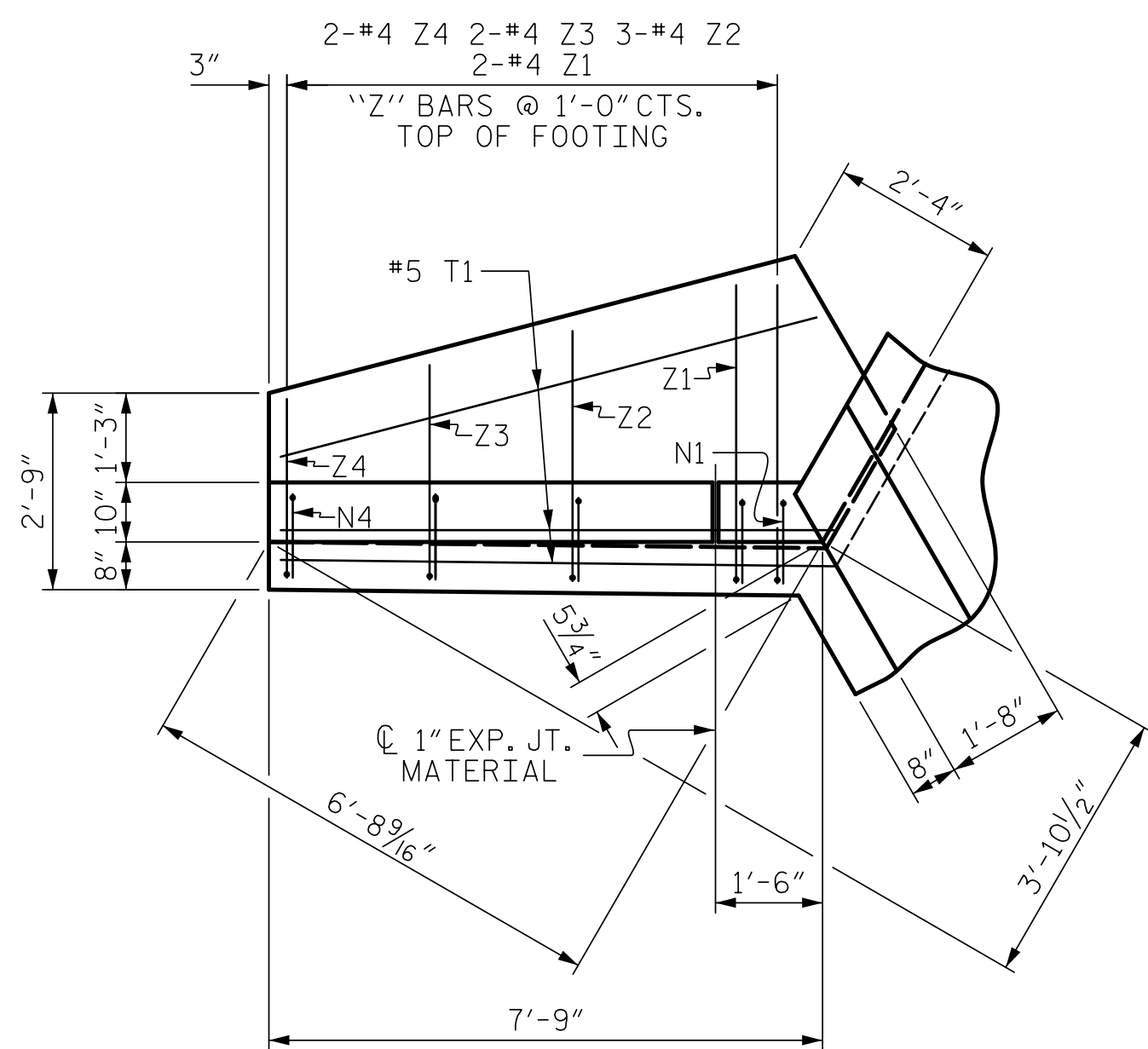
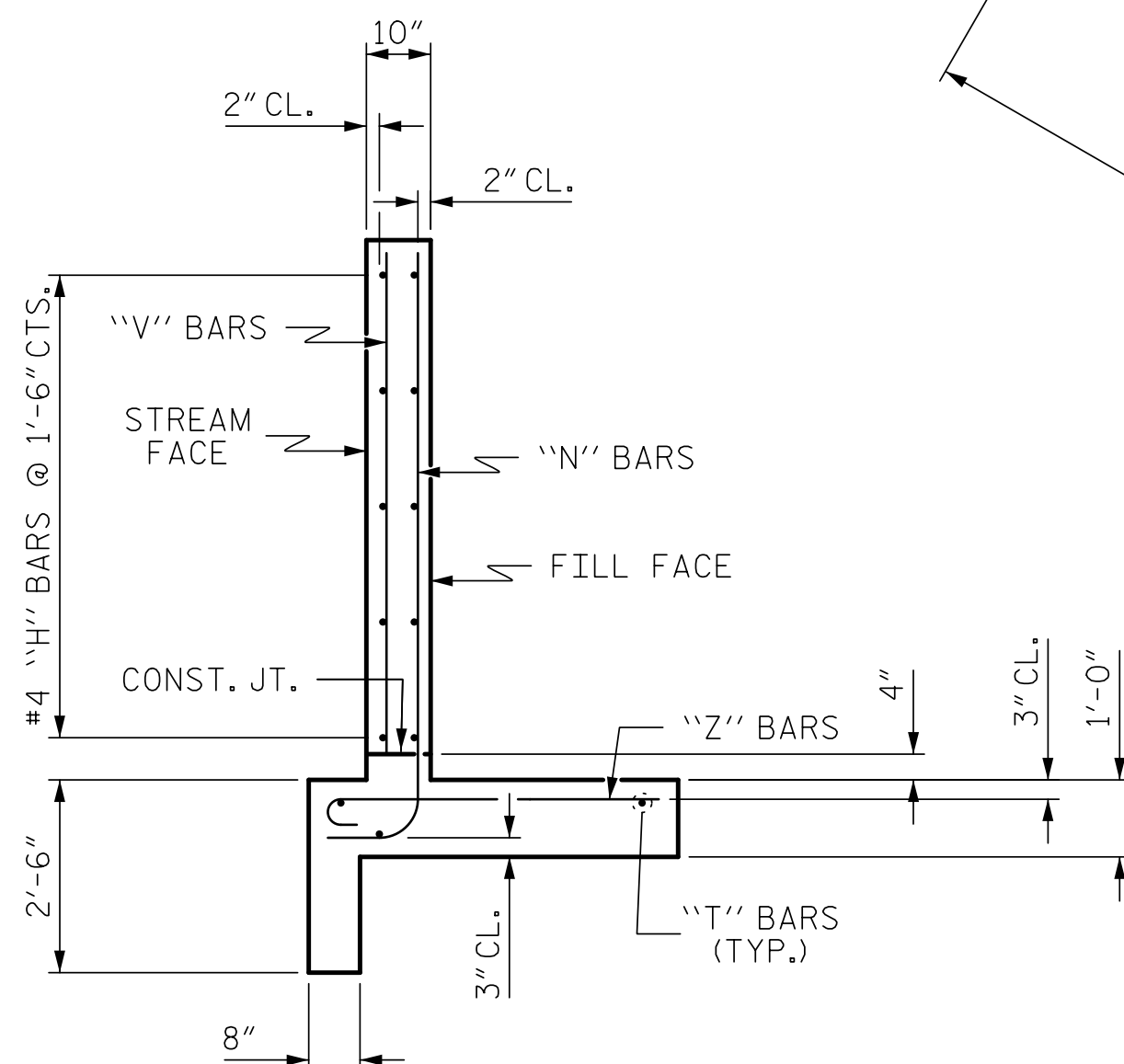
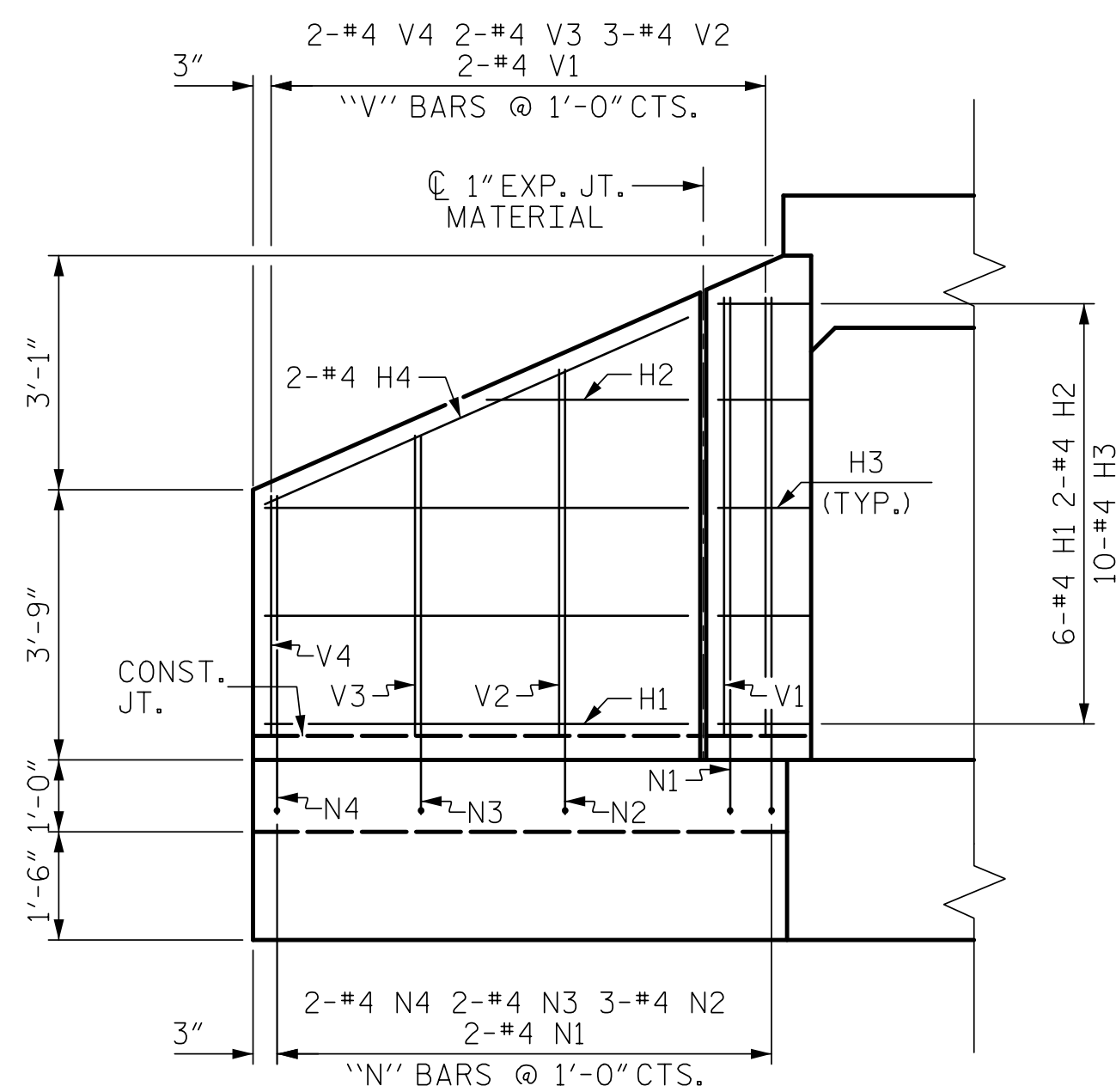




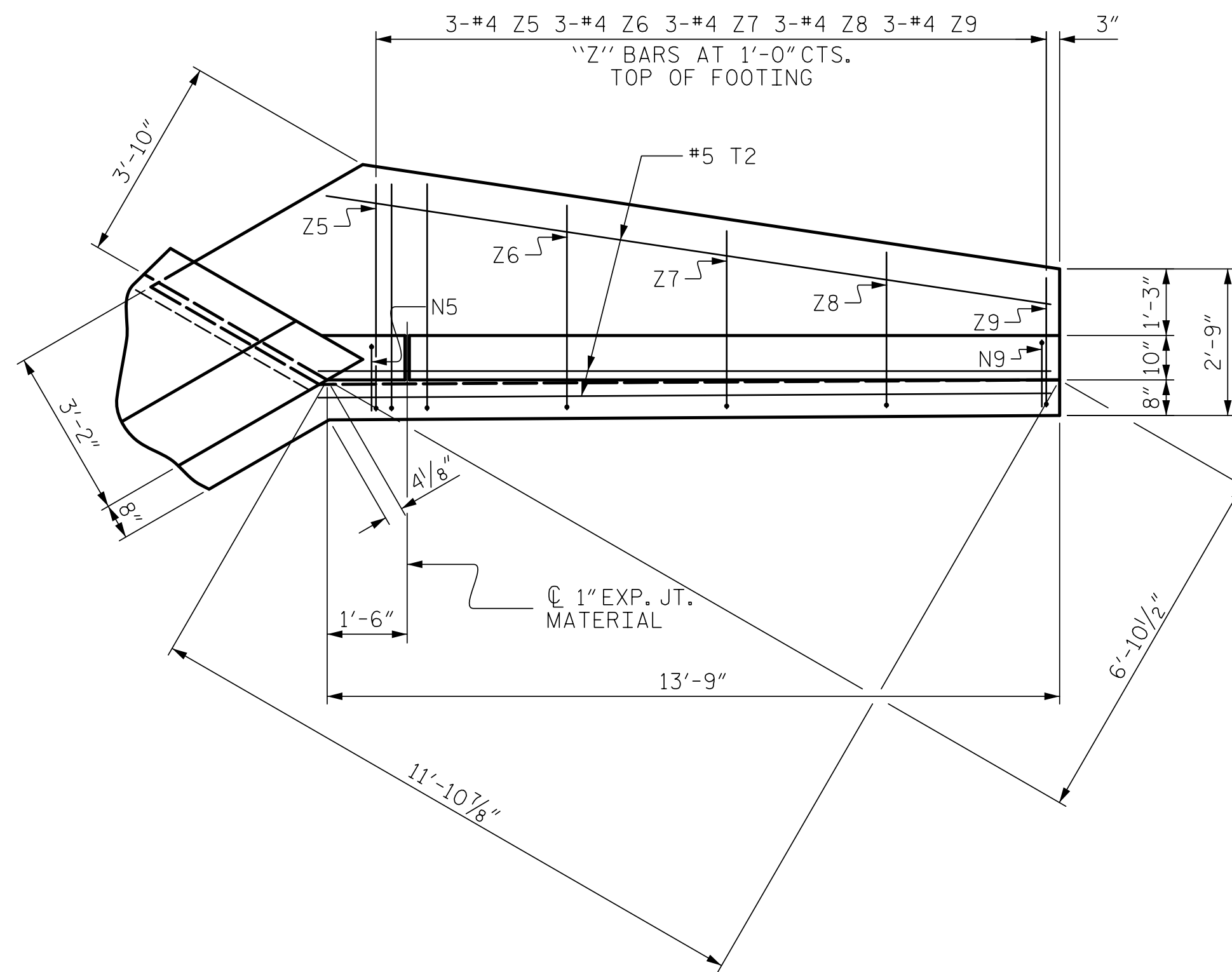
PLAN W3



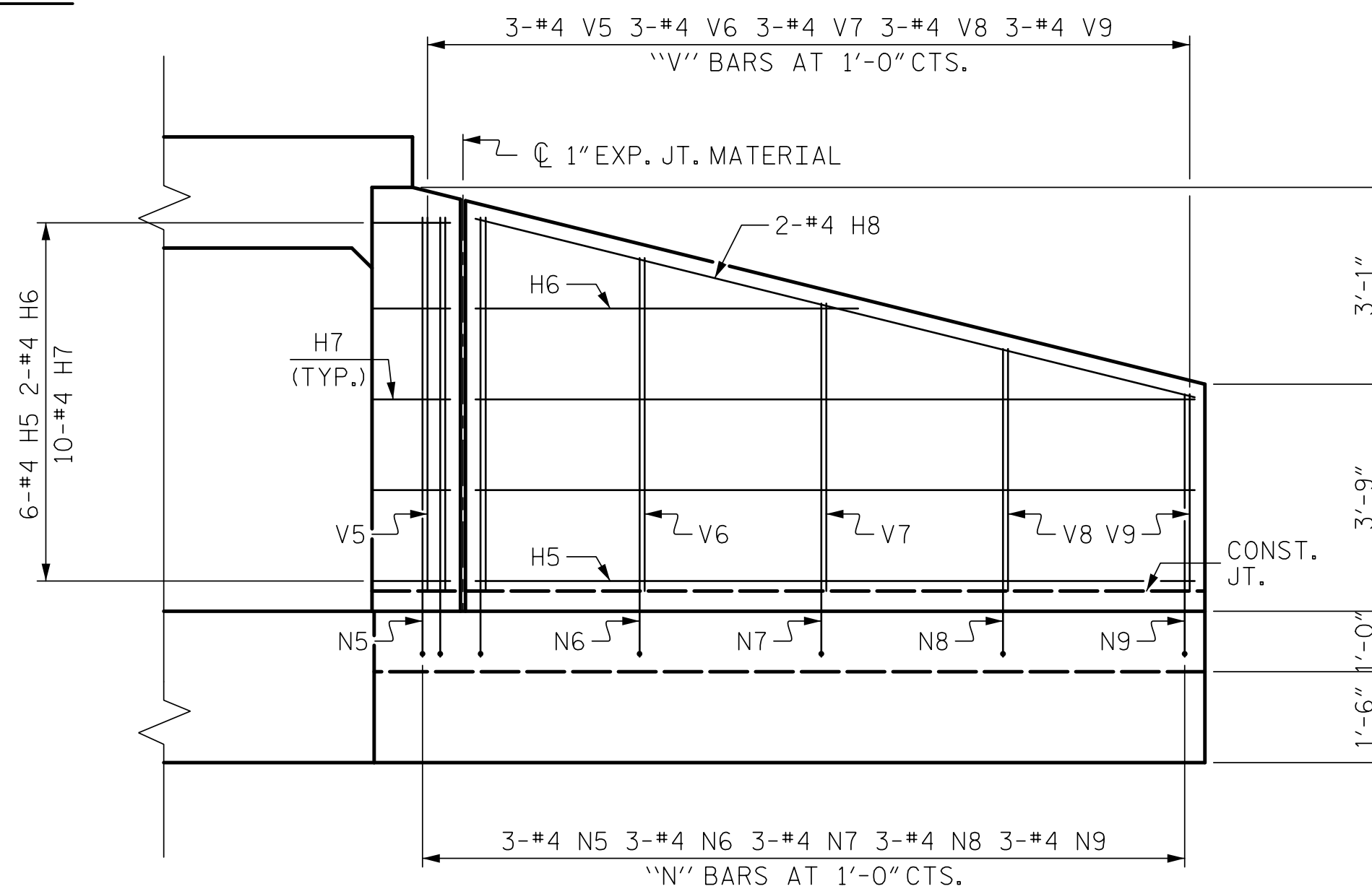
TYPICAL WING SECTION



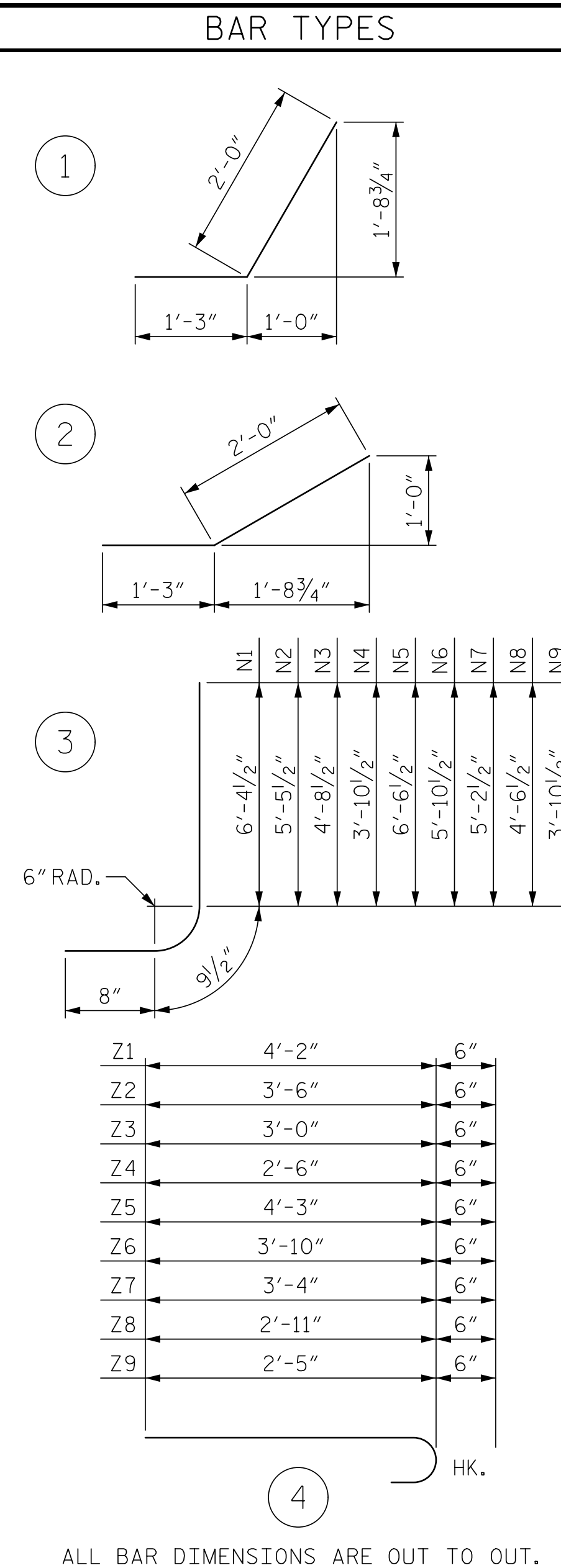
ELEVATION W3



PLAN W4



ELEVATION W4



ALL BAR DIMENSIONS ARE OUT TO OUT.

NOTES

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.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	6	#4	STR	5'-10"	23
H2	2	#4	STR	2'-9"	2
H3	10	#4	1	3'-3"	44
H4	2	#4	STR	6'-3"	8
H5	6	#4	STR	11'-10"	47
H6	2	#4	STR	6'-3"	8
H7	10	#4	2	3'-3"	22
H8	2	#4	STR	12'-2"	16
N1	2	#4	3	7'-10"	10
N2	3	#4	3	6'-11"	14
N3	2	#4	3	6'-2"	8
N4	2	#4	3	5'-4"	7
N5	3	#4	3	8'-0"	16
N6	3	#4	3	7'-4"	15
N7	3	#4	3	6'-8"	13
N8	3	#4	3	6'-0"	12
N9	3	#4	3	5'-4"	11
T1	3	#5	STR	7'-9"	24
T2	3	#5	STR	13'-9"	43
V1	2	#4	STR	5'-8"	8
V2	3	#4	STR	4'-9"	10
V3	2	#4	STR	3'-11"	5
V4	2	#4	STR	3'-4"	4
V5	3	#4	STR	5'-10"	12
V6	3	#4	STR	5'-2"	10
V7	3	#4	STR	4'-5"	9
V8	3	#4	STR	3'-9"	8
V9	3	#4	STR	3'-3"	7
Z1	2	#4	4	4'-8"	6
Z2	3	#4	4	4'-0"	8
Z3	2	#4	4	3'-6"	5
Z4	2	#4	4	3'-0"	4
Z5	3	#4	4	4'-9"	10
Z6	3	#4	4	4'-4"	9
Z7	3	#4	4	3'-10"	8
Z8	3	#4	4	3'-5"	7
Z9	3	#4	4	2'-11"	6

REINFORCING STEEL FOR 2 WINGS	459 LBS
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CLASS A CONCRETE	
2 WINGS	7.7 CY
1 HEADWALL	0.2 CY
1 END CURTAIN WALL	0.2 CY
TOTAL	8.1 CY

PROJECT NO. R-5739
NORTHAMPTON COUNTY
 STATION: 520+60.00 -L-

SHEET 11 OF 11



7/23/2025

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD WINGS
FOR
CONCRETE BOX CULVERT
H = 6'-0" SLOPE = 2:1
OUTLET WINGS

REVISIONS						SHEET NO. C6-11
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 11
2			4			

STR. #6 STD. NO. CW6006

ASSEMBLED BY :	ZCS	DATE :	8/22
CHECKED BY :	MGC	DATE :	1/23
DRAWN BY :	CCJ 11/99	REV. 6/19	MAA/THC
CHECKED BY :	RWW 03/00		

3/27/2023
X:\NCDOT\IR-5739\Structures\Str. #6 (520 + 60.00 -L)\FinalPlans\DGNS\R-5739-SMU_CU-650000.dgn
User:ZSmith