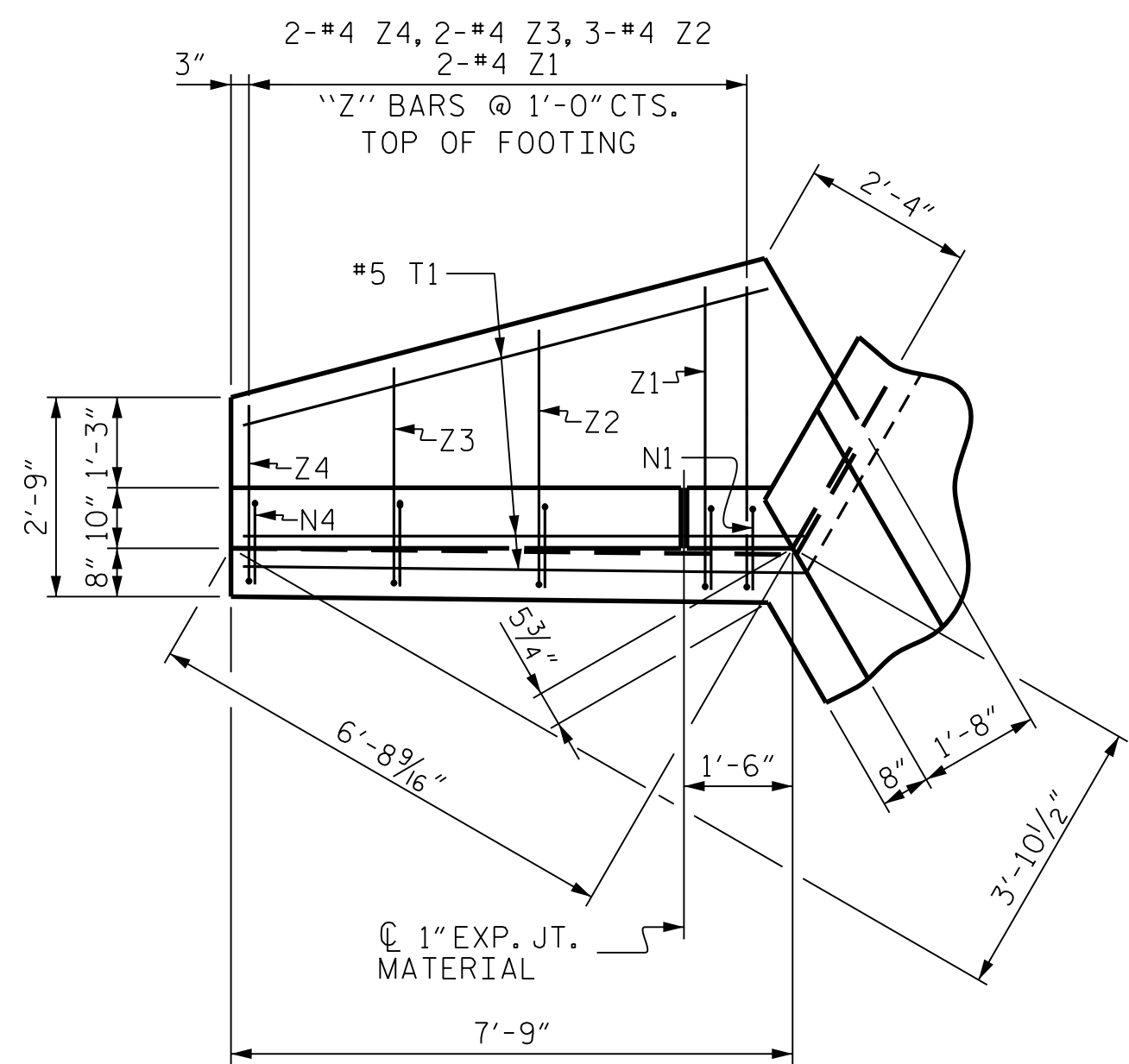
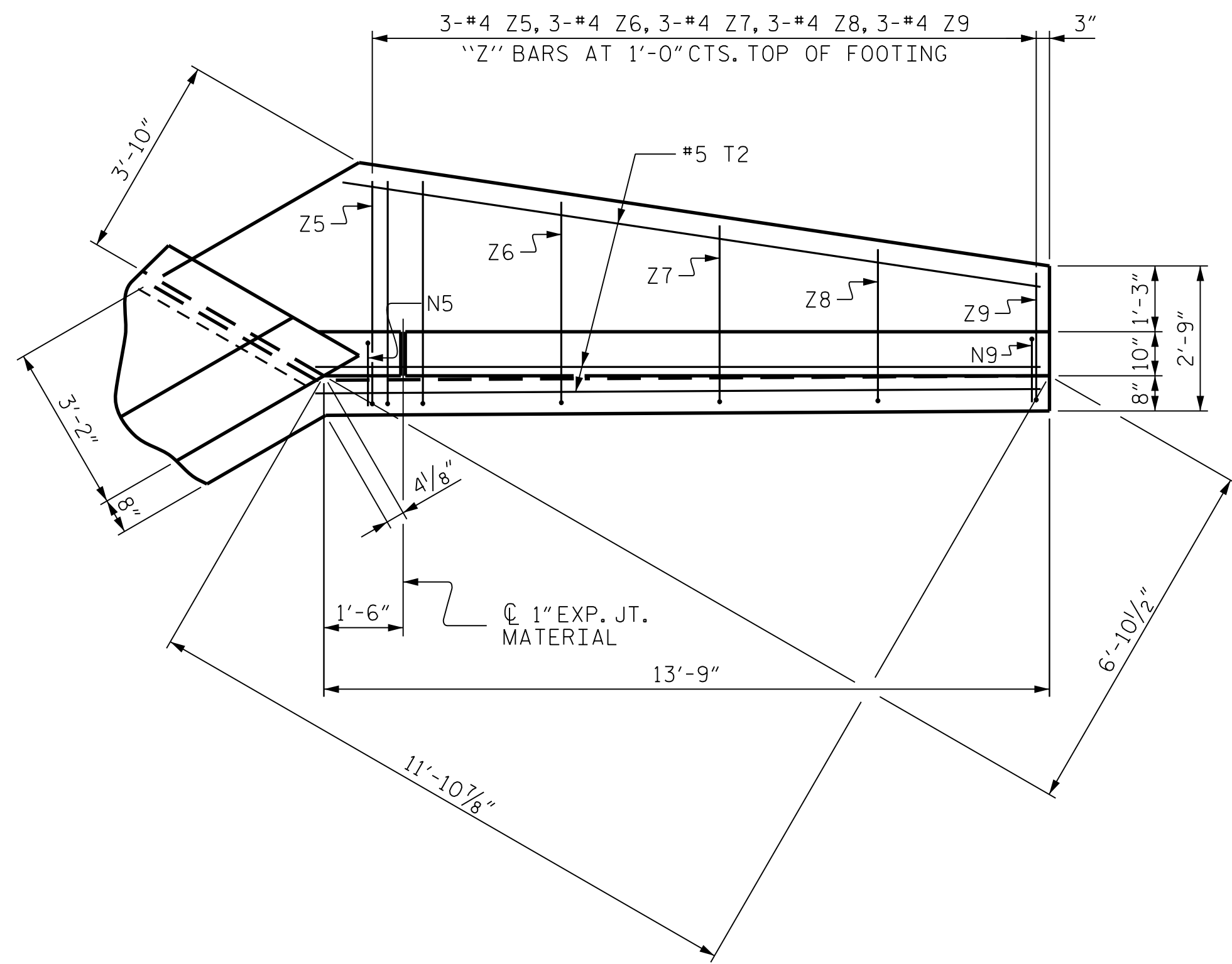


R:\Structures\Culvert\VT Lowery Mill Creek Culvert\VDGN\Final\R-2577A_SMU_CU_1-9_330000.dgn

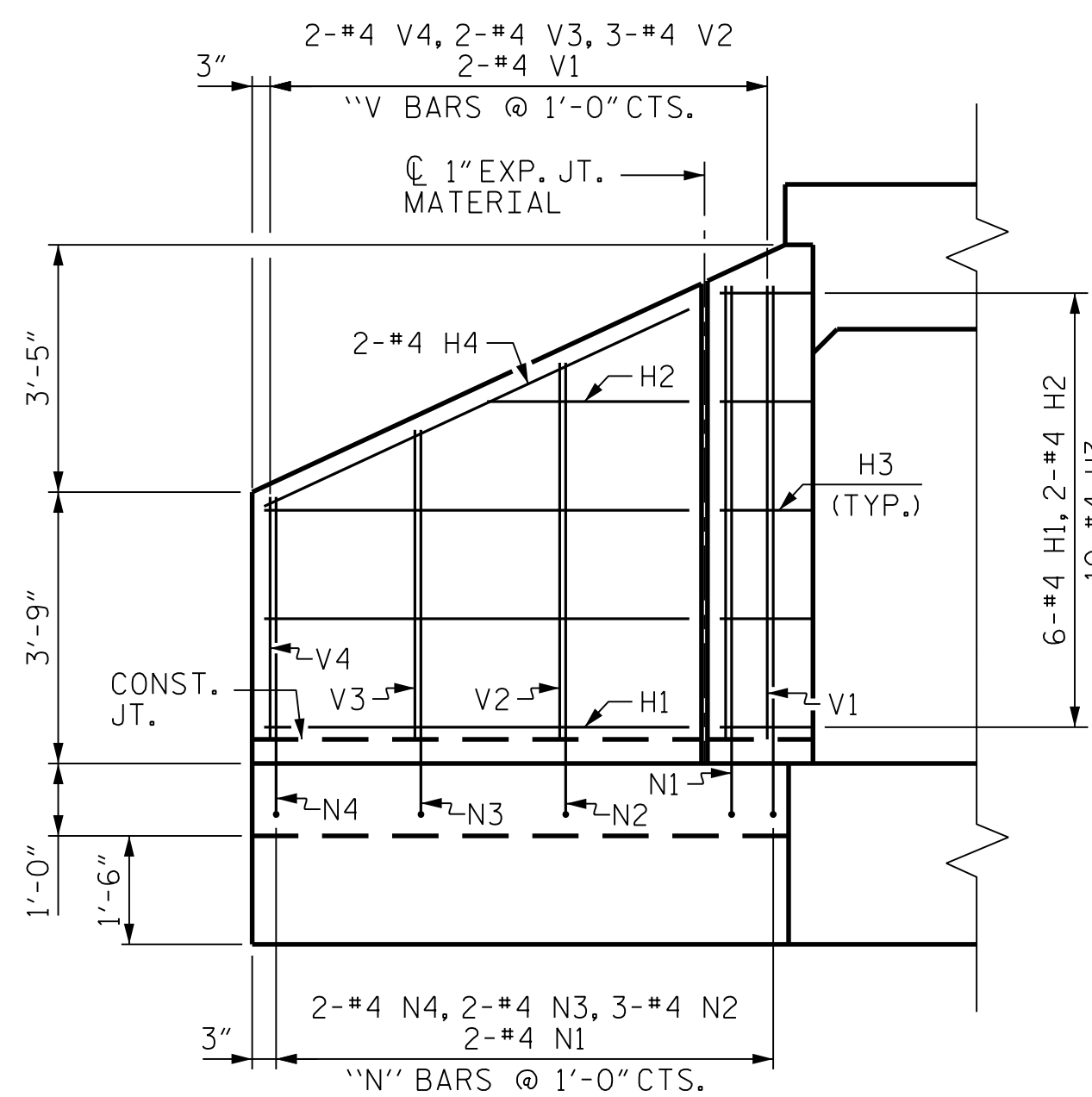


PLAN W4

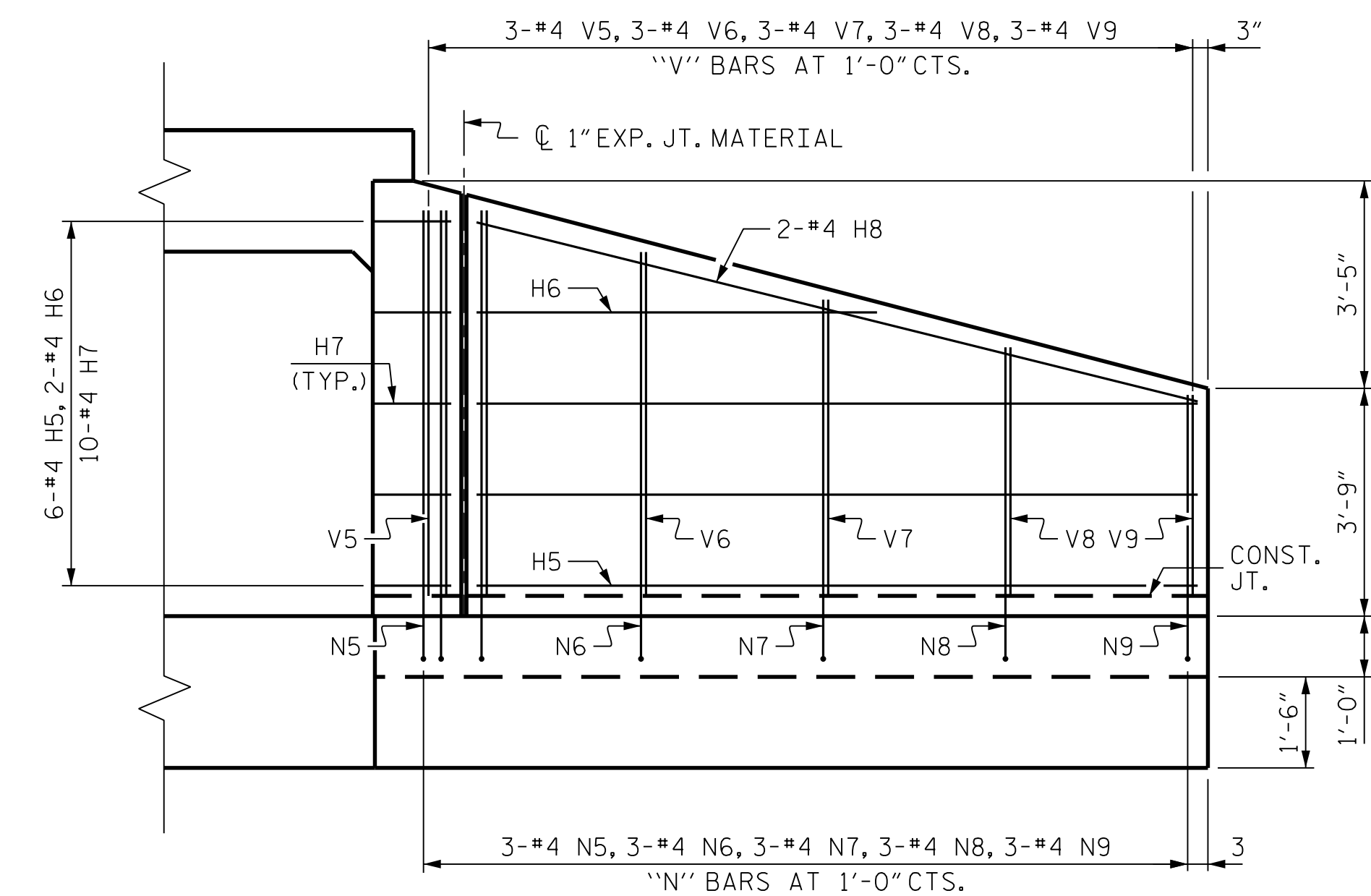


PLAN W3

STAGE II

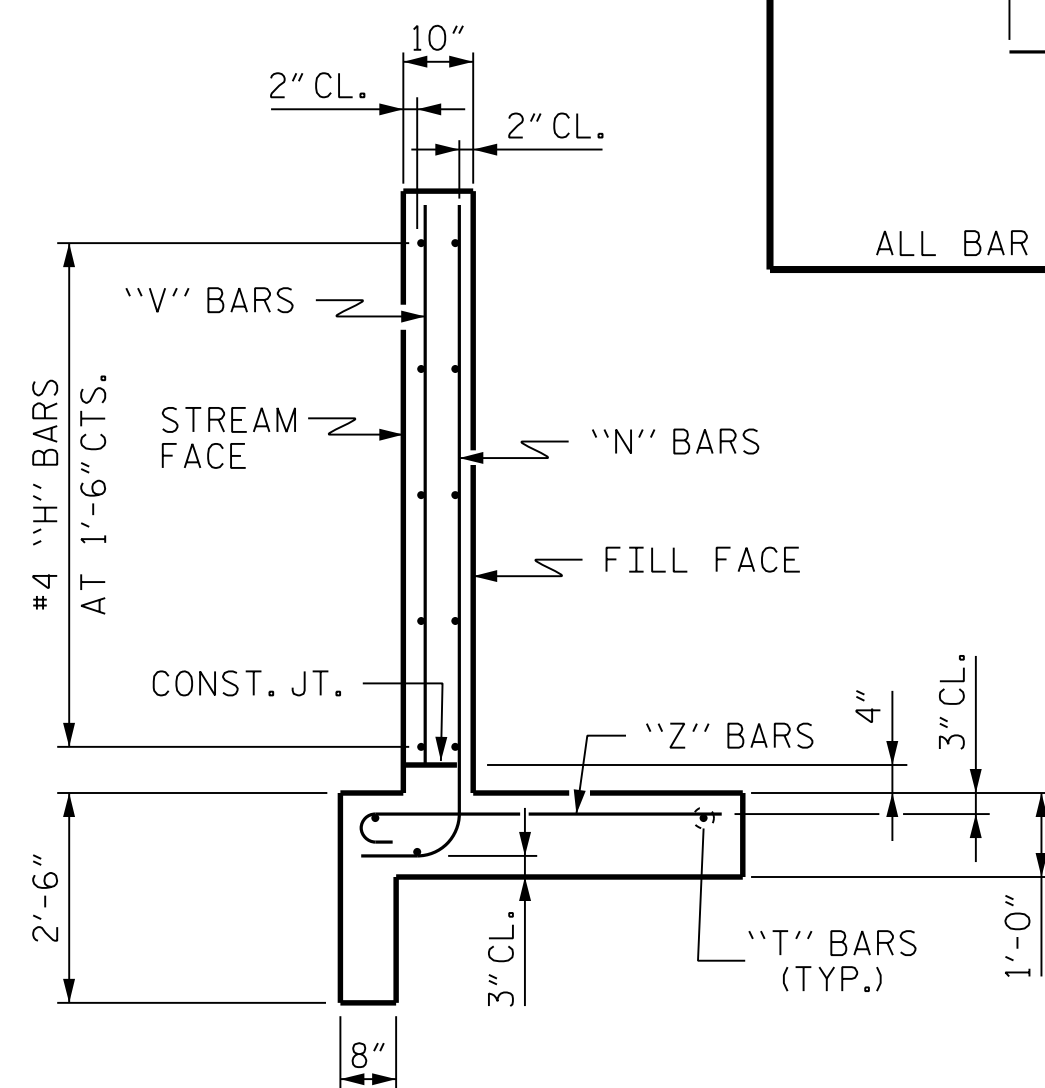


ELEVATION W4

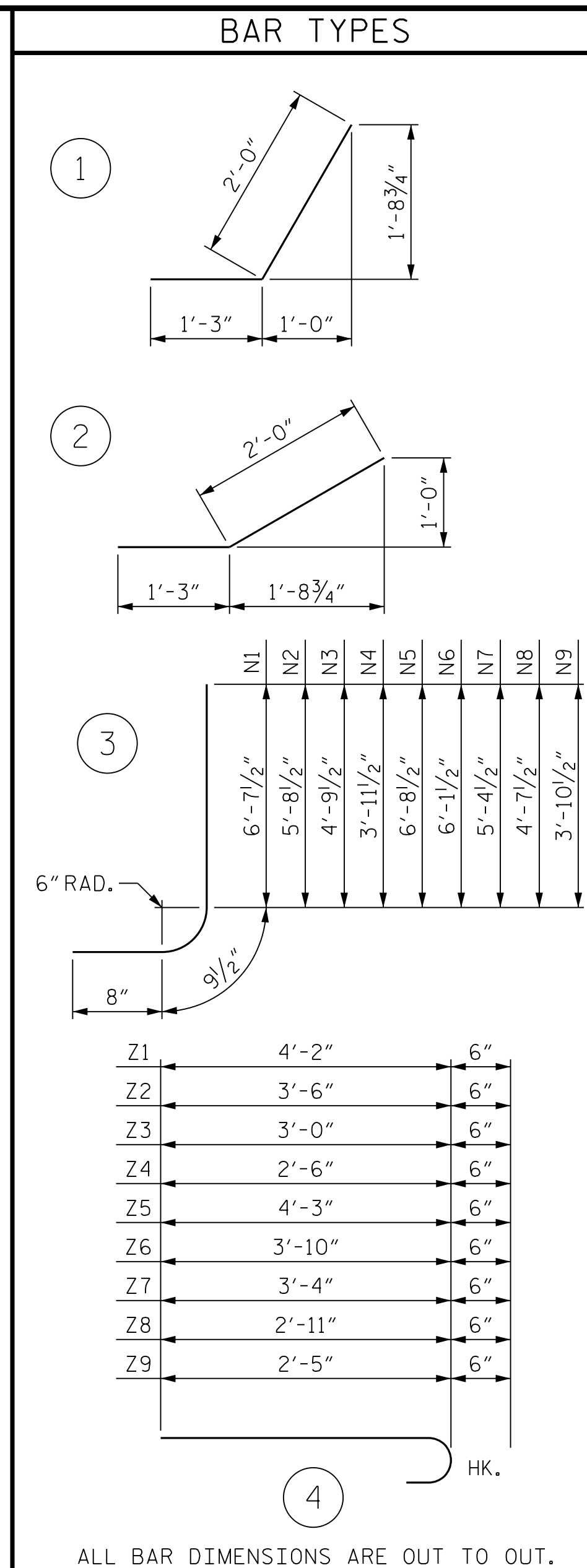


ELEVATION W3

STAGE II



TYPICAL WING SECTION

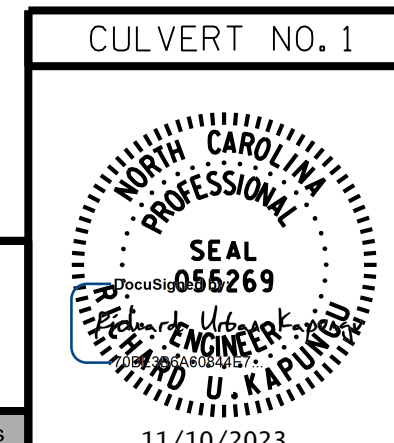


ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	6	#4	STR.	5'-10"	24
H2	2	#4	STR.	2'-9"	4
H3	10	#4	1	3'-3"	22
H4	2	#4	STR.	6'-5"	9
H5	6	#4	STR.	11'-10"	48
H6	2	#4	STR.	6'-3"	9
H7	10	#4	2	3'-3"	22
H8	2	#4	STR.	12'-2"	17
N1	2	#4	3	8'-1"	11
N2	3	#4	3	7'-2"	15
N3	2	#4	3	6'-3"	9
N4	2	#4	3	5'-5"	7
N5	3	#4	3	8'-2"	17
N6	3	#4	3	7'-7"	15
N7	3	#4	3	6'-10"	14
N8	3	#4	3	6'-1"	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.	6'-1"	8
V2	3	#4	STR.	5'-1"	10
V3	2	#4	STR.	4'-2"	6
V4	2	#4	STR.	3'-4"	5
V5	3	#4	STR.	6'-2"	13
V6	3	#4	STR.	5'-6"	11
V7	3	#4	STR.	4'-9"	10
V8	3	#4	STR.	4'-0"	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				474	LBS
CLASS A CONCRETE					
2 WINGS				7.2	CY
1 HEADWALLS				0.4	CY
1 END CURTAIN WALLS				1.2	CY
TOTAL				8.8	CY

PROJECT NO. R-2577A
 FORSYTH COUNTY
 STATION: 107+57.00 -L-

SHEET 9 OF 9



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

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

DRAWN BY : B. H. GONFA DATE : NOV 2023
 CHECKED BY : O. J. PAITEL DATE : NOV 2023
 DESIGN ENGINEER OF RECORD : R. U. KAPUNGU DATE : NOV 2023

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SHEET NO.
 CU_1-9
 TOTAL SHEETS
 9