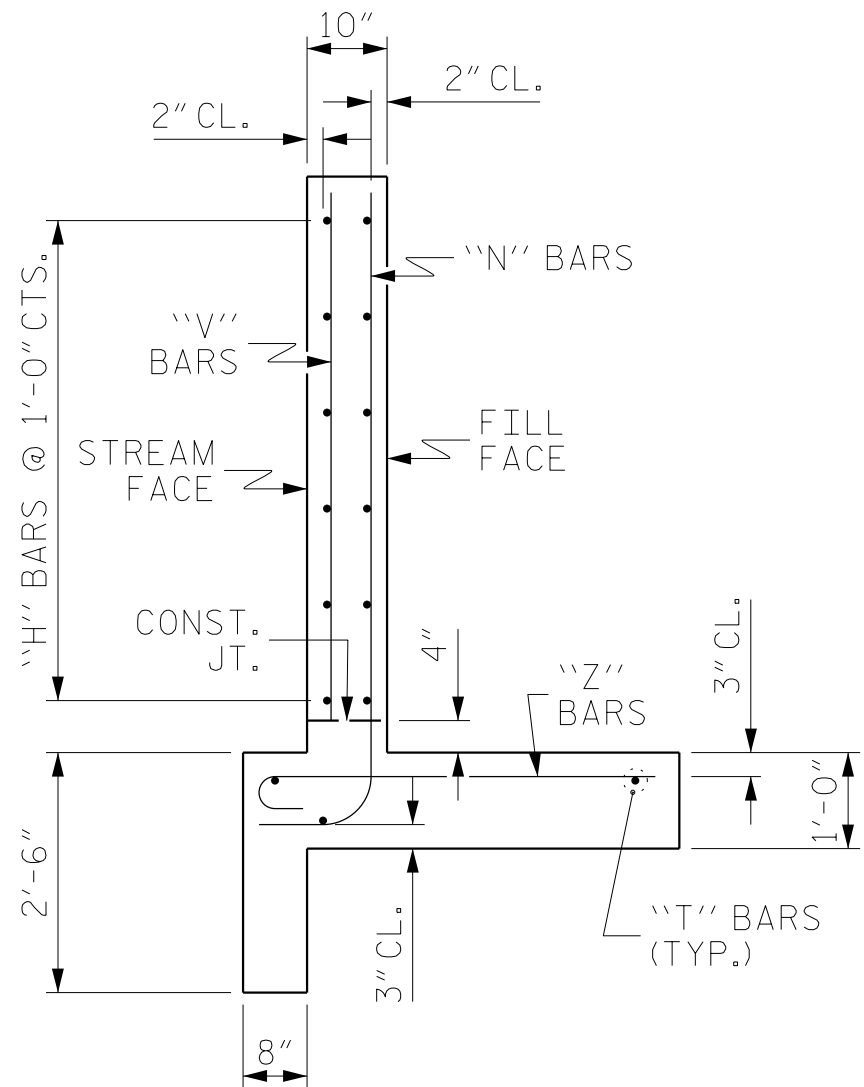
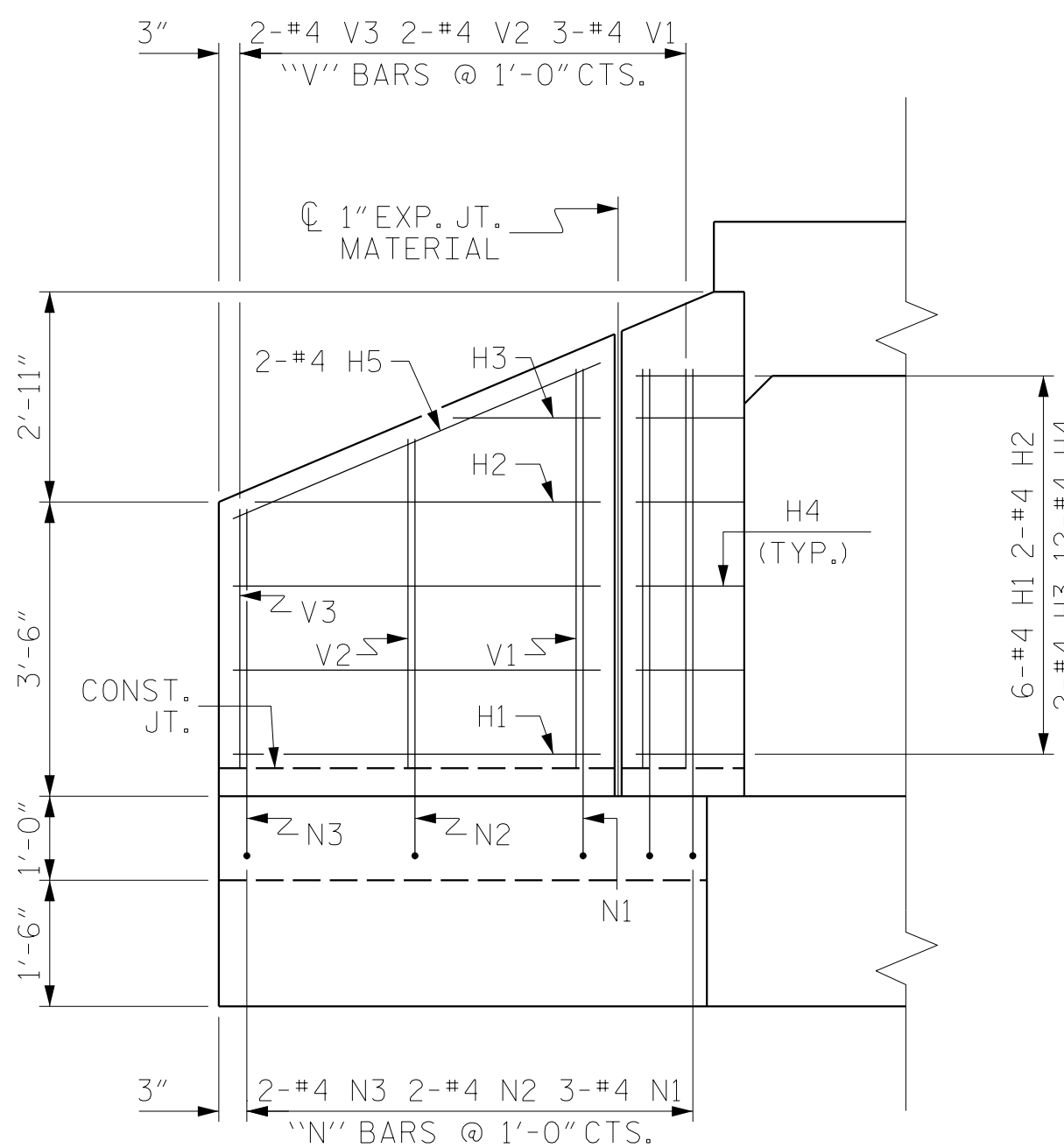


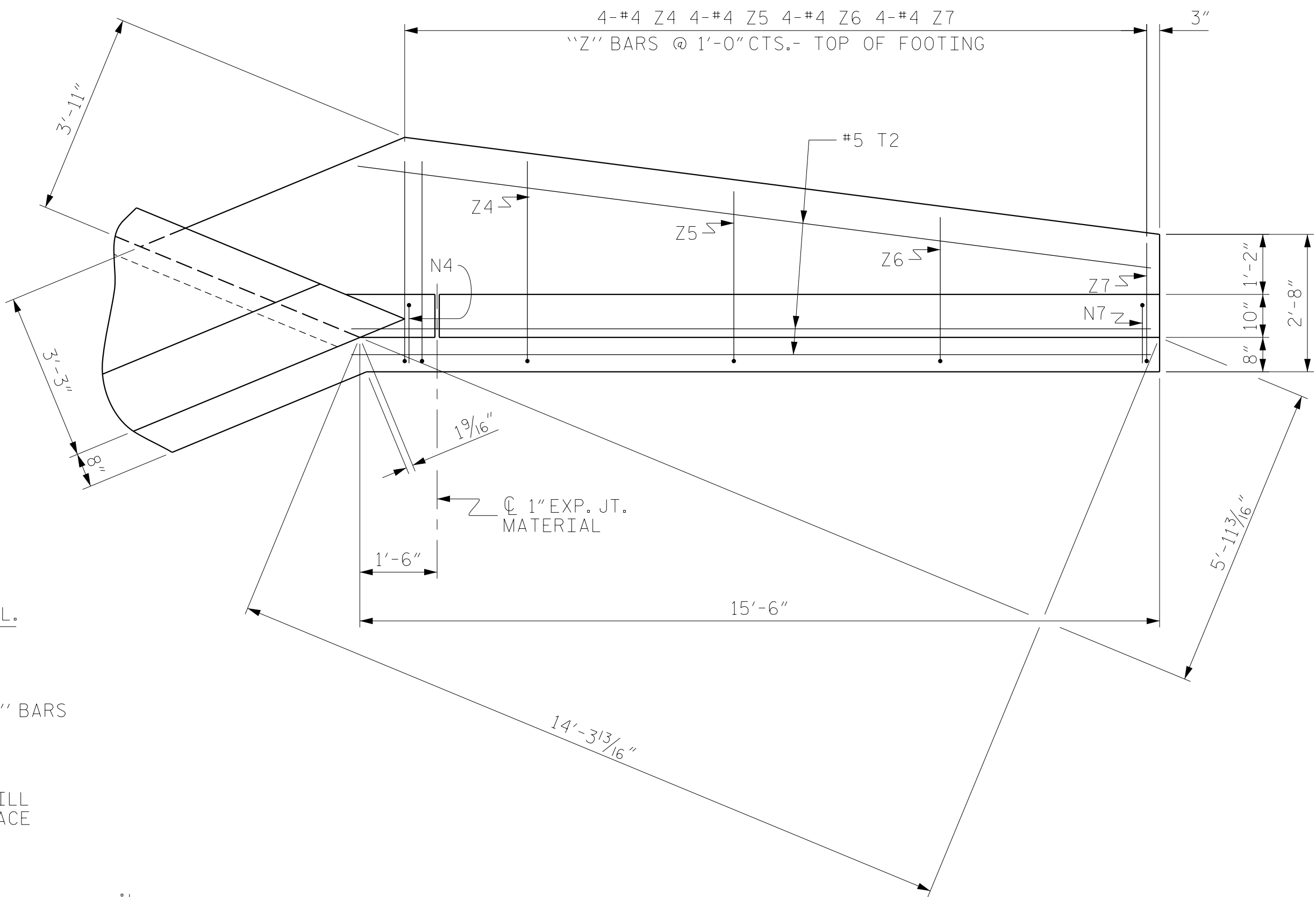
PLAN W2



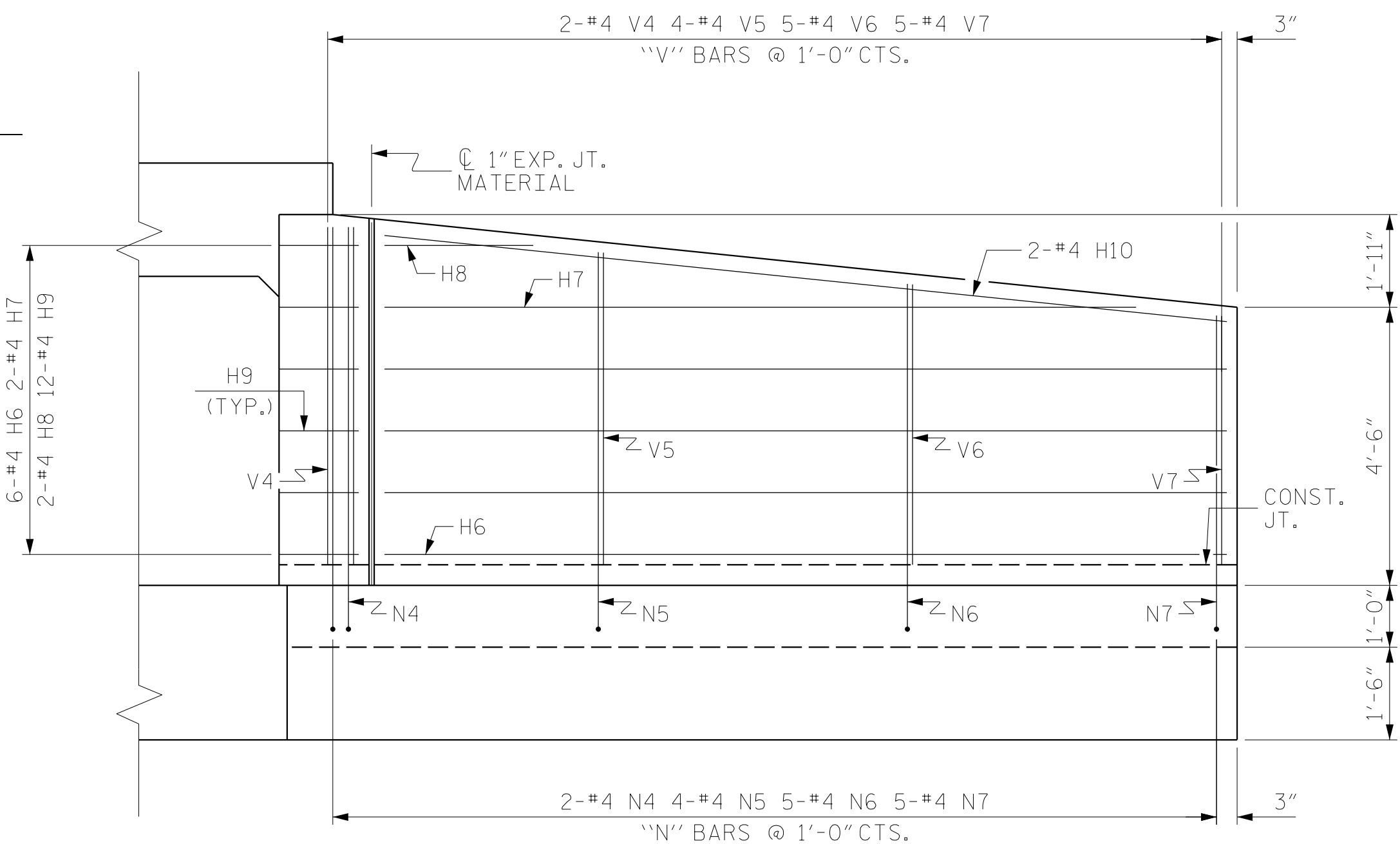
TYPICAL WING SECTION



ELEVATION W2



PLAN W1



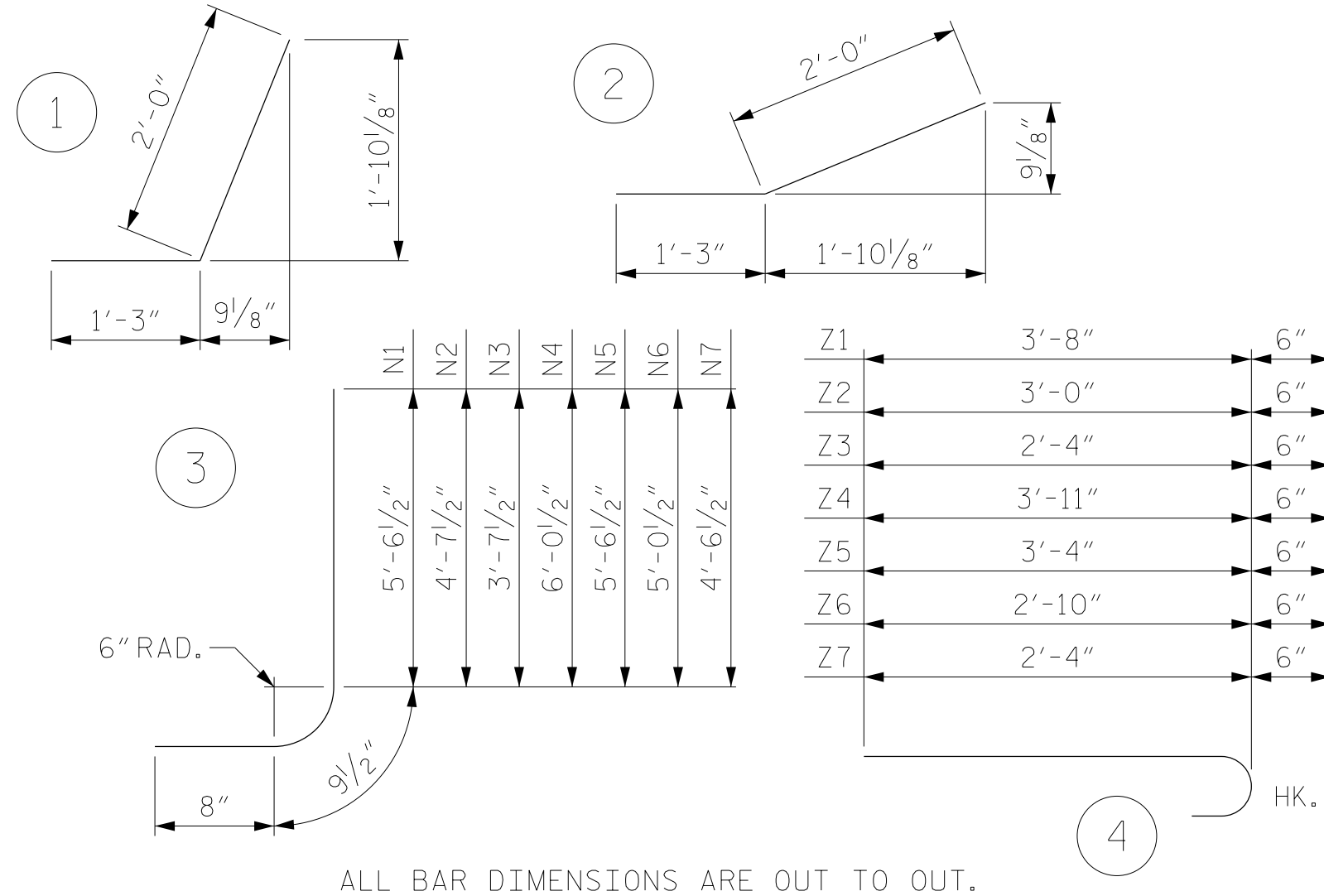
ELEVATION W1

BILL OF MATERIAL

STAGE I AND STAGE III WING W2 (EACH STAGE)						STAGE II AND STAGE IV WING W1 (EACH STAGE)					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	6	#4	STR	4'-4"	17	H6	8	#4	STR	13'-7"	73
H2	2	#4	STR	4'-1"	5	H7	2	#4	STR	12'-6"	17
H3	2	#4	STR	2'-0"	3	H8	2	#4	STR	4'-10"	6
H4	12	#4	1	3'-3"	26	H9	12	#4	2	3'-3"	26
H5	2	#4	STR	4'-9"	6	H10	2	#4	STR	13'-8"	18
N1	3	#4	3	7'-0"	14	N4	4	#4	3	7'-6"	20
N2	2	#4	3	6'-1"	8	N5	4	#4	3	7'-0"	19
N3	2	#4	3	5'-1"	7	N6	4	#4	3	6'-6"	17
						N7	4	#4	3	6'-0"	16
T1	3	#5	STR	6'-3"	20						
V1	3	#4	STR	5'-0"	10	T2	3	#5	STR	15'-6"	48
V2	2	#4	STR	4'-1"	5						
V3	2	#4	STR	3'-1"	4	V4	4	#4	STR	5'-6"	15
						V5	4	#4	STR	5'-0"	13
						V6	4	#4	STR	4'-6"	12
Z1	3	#4	4	4'-2"	8	V7	4	#4	STR	4'-0"	11
Z2	2	#4	4	3'-6"	5						
Z3	2	#4	4	2'-10"	4	Z4	4	#4	3	4'-5"	12
						Z5	4	#4	3	3'-10"	10
						Z6	4	#4	3	3'-4"	9
						Z7	4	#4	3	2'-10"	8

REINFORCING STEEL FOR 1 WING				REINFORCING STEEL FOR 1 WING			
CLASS A CONCRETE				CLASS A CONCRETE			
1 WING				1 WING			
0 HEADWALL				1 HEADWALL			
1 END CURTAIN WALL				1 END CURTAIN WALL			
TOTAL				TOTAL			
142 LBS				350 LBS			
1.9 CY				5.0 CY			
0.0 CY				1.3 CY			
0.8 CY				1.0 CY			
2.7 CY				7.3 CY			

BAR TYPES



PROJECT NO. BP14.R002  
HAYWOOD COUNTY  
STATION: 12+71.00 -L187-

SHEET 9 OF 10



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
WINGS FOR CONCRETE BOX CULVERT					
H = 5'-0" SLOPE = 2:1 45° SKEW					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
TOTAL SHEETS					10

DRAWN BY :	N. CUANY	DATE :	02/2024
CHECKED BY :	T. LAWS	DATE :	02/2024
DESIGN ENGINEER OF RECORD:	M. ACOSTA	DATE :	08/2025

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED