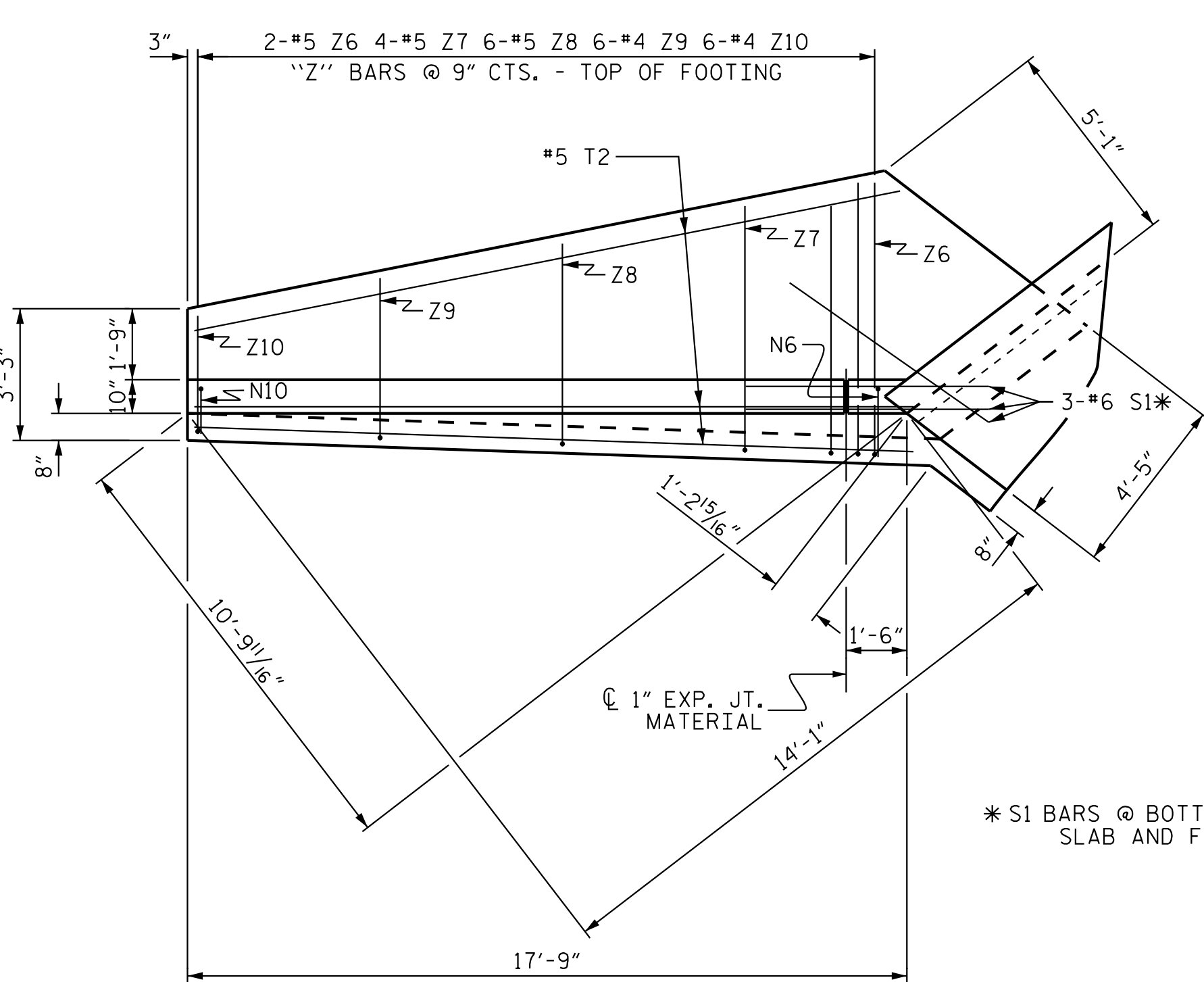
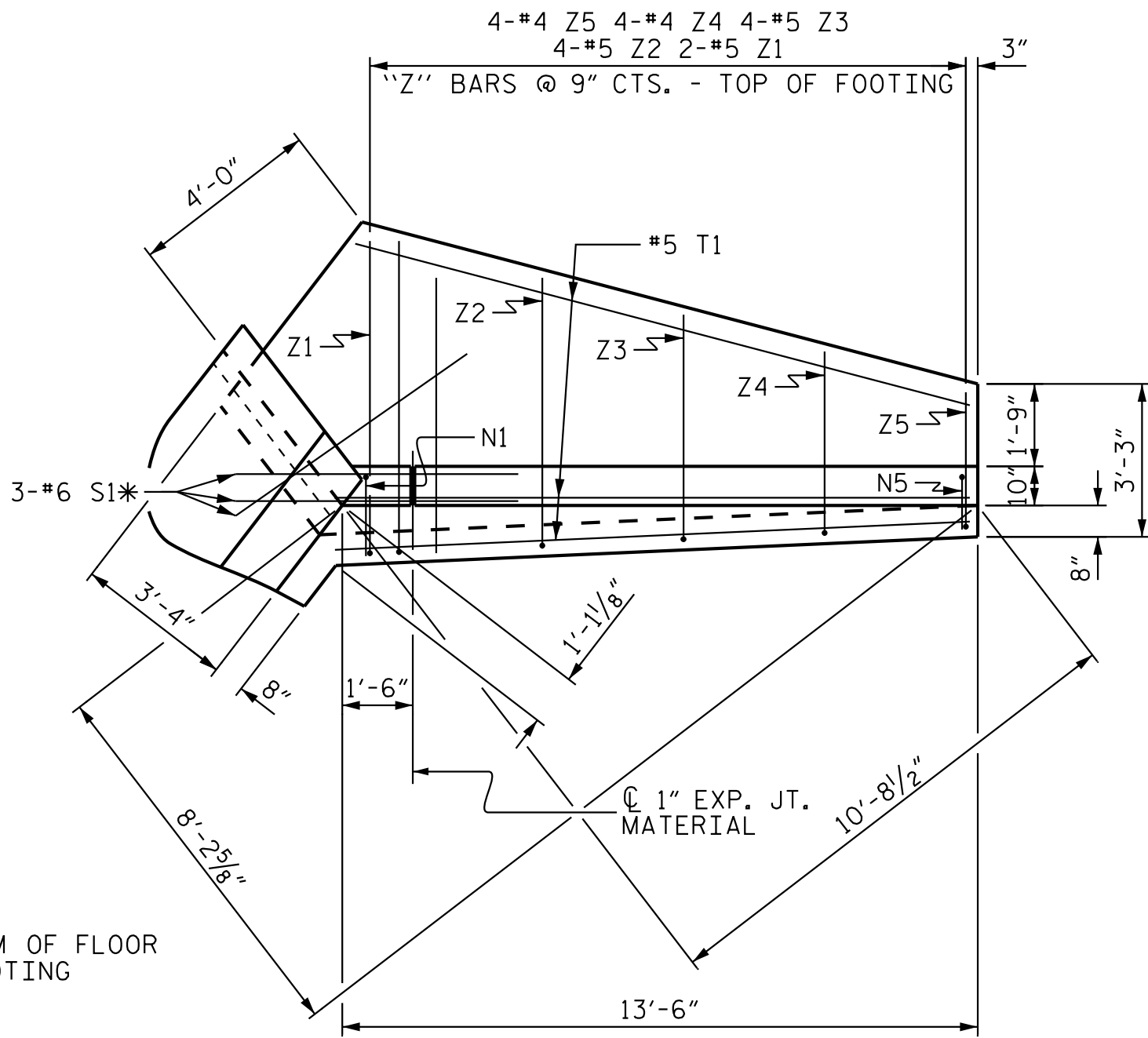
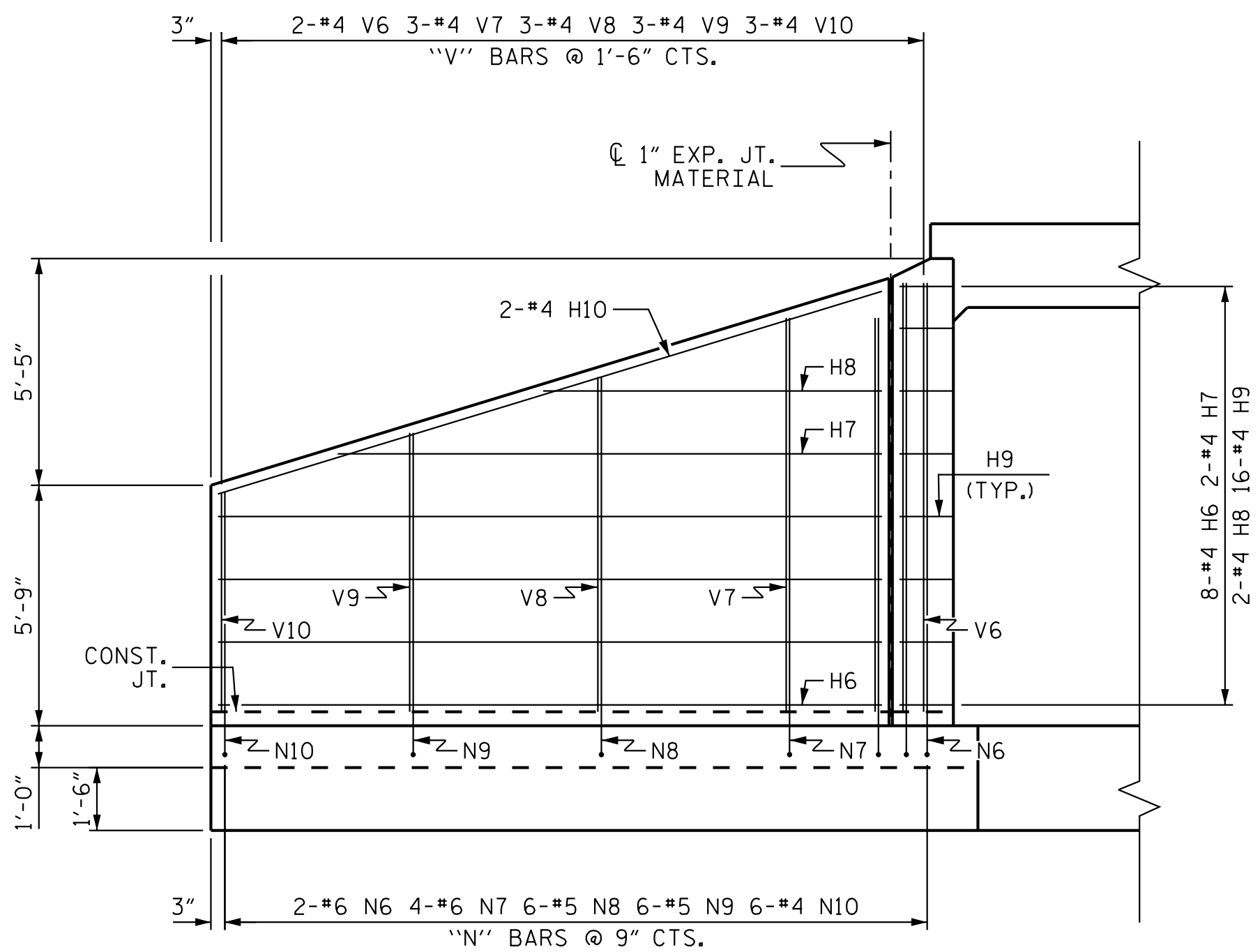




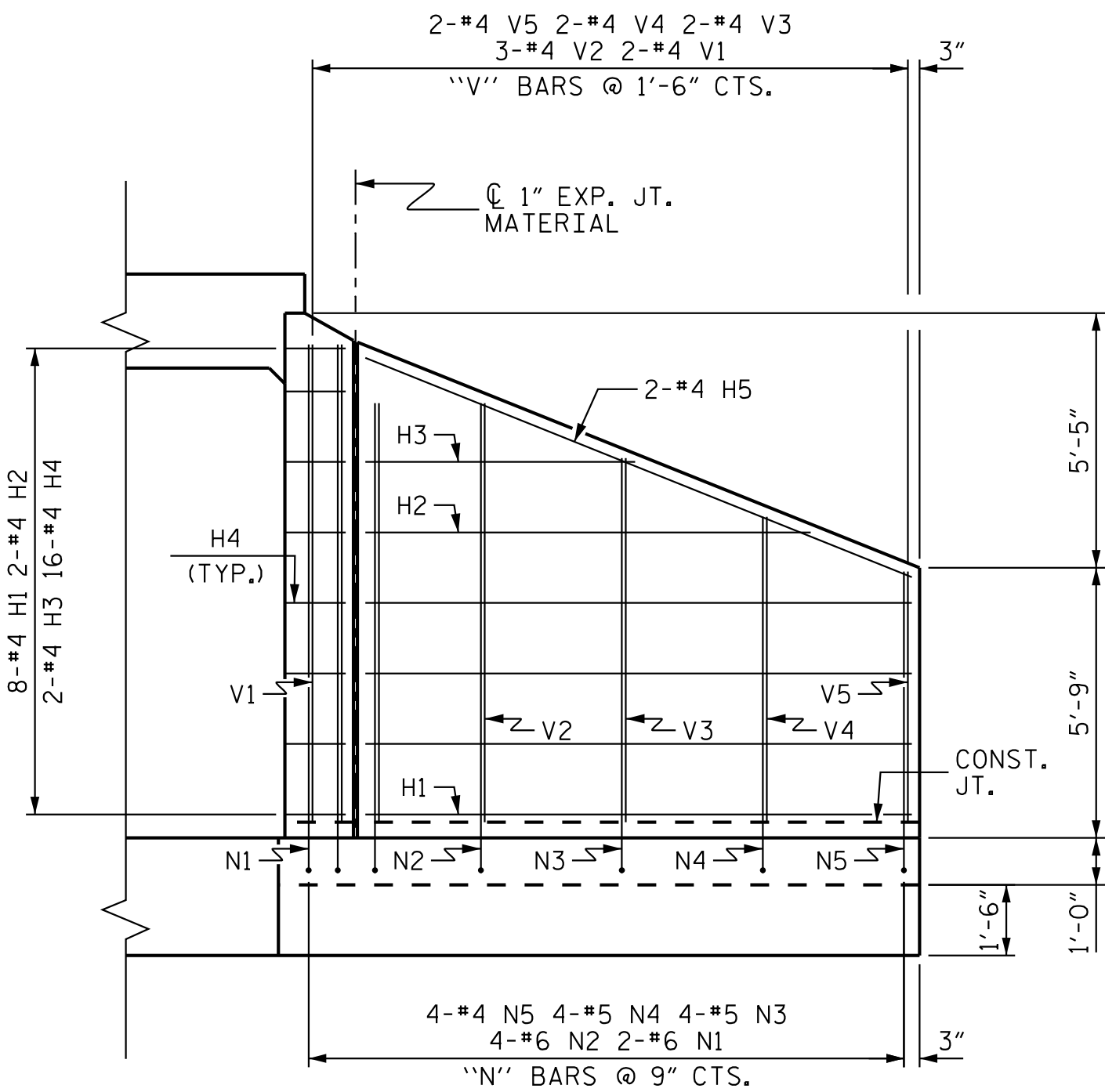
PLAN W1



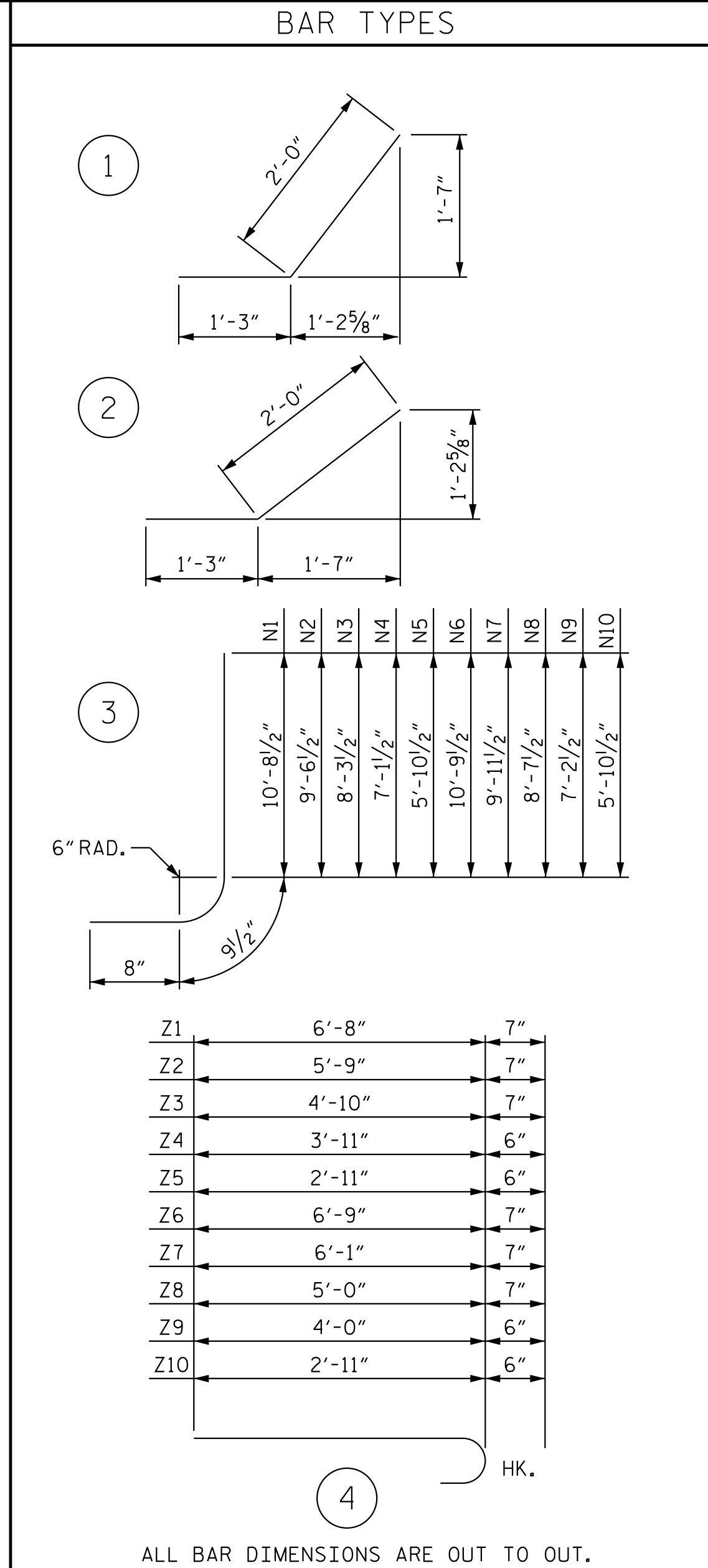
PLAN W2



ELEVATION W1

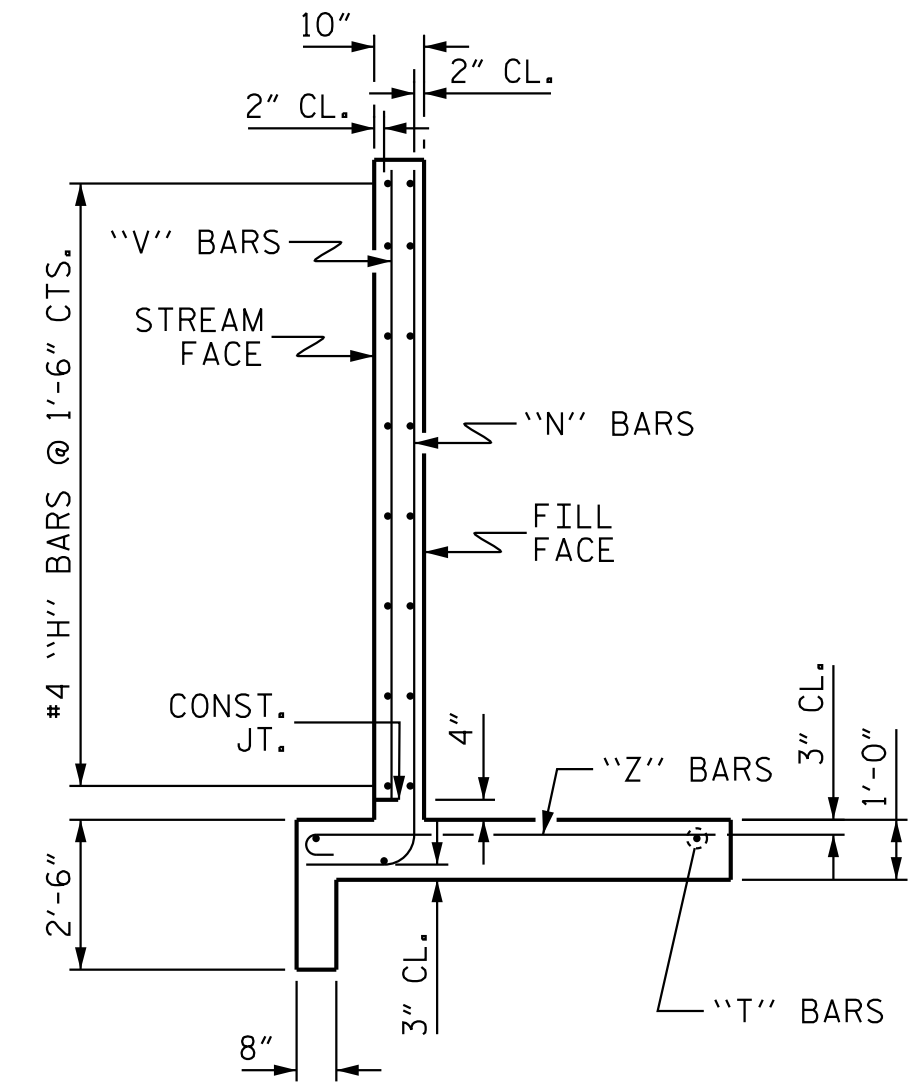


ELEVATION W2



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	16	#4	STR	11'-7"	124
H2	4	#4	STR	9'-5"	25
H3	4	#4	STR	5'-8"	15
H4	32	#4	1	3'-3"	69
H5	4	#4	STR	12'-6"	33
H6	16	#4	STR	15'-10"	169
H7	4	#4	STR	13'-0"	35
H8	4	#4	STR	8'-1"	22
H9	32	#4	2	3'-3"	69
H10	4	#4	STR	16'-7"	44
N1	4	#6	3	12'-2"	73
N2	8	#6	3	11'-0"	132
N3	8	#5	3	9'-9"	81
N4	8	#5	3	8'-7"	72
N5	8	#4	3	7'-4"	39
N6	4	#6	3	12'-3"	74
N7	8	#6	3	11'-5"	137
N8	12	#5	3	10'-1"	126
N9	12	#5	3	8'-8"	108
N10	12	#4	3	7'-4"	59
S1	12	#6	STR	6'-0"	108
T1	6	#5	STR	13'-6"	84
T2	6	#5	STR	17'-9"	111
V1	4	#4	STR	10'-2"	27
V2	6	#4	STR	8'-11"	36
V3	4	#4	STR	7'-9"	21
V4	4	#4	STR	6'-6"	17
V5	4	#4	STR	5'-4"	14
V6	4	#4	STR	10'-3"	27
V7	6	#4	STR	9'-5"	38
V8	6	#4	STR	8'-0"	32
V9	6	#4	STR	6'-8"	27
V10	6	#4	STR	5'-3"	21
Z1	4	#5	4	7'-3"	30
Z2	8	#5	4	6'-4"	53
Z3	8	#5	4	5'-5"	45
Z4	8	#4	4	4'-5"	24
Z5	8	#4	4	3'-5"	18
Z6	4	#5	4	7'-4"	31
Z7	8	#5	4	6'-8"	56
Z8	12	#5	4	5'-7"	70
Z9	12	#4	4	4'-6"	36
Z10	12	#4	4	3'-5"	27
REINFORCING STEEL				2459	LBS
FOR 4 WINGS					
CLASS A CONCRETE					
4 WINGS				32.8	CY
2 HEADWALLS				1.2	CY
2 END CURTAIN WALLS				1.0	CY
TOTAL				35.0	CY



TYPICAL WING SECTION

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This document, together with the concepts and designs presented herein, as an integral part of the project, is prepared only for the specific project and shall not be used for any other project without the written authorization and signature of Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PROJECT NO. U-6105
MECKLENBURG COUNTY
STATION: 21+05.48 -L-

SHEET 5 OF 5

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD WINGS FOR CONCRETE BOX CULVERT H = 10'-0" SLOPE = 2:1 105° SKEW					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. C1-5					TOTAL SHEETS 5

CULVERT 42C001 STD. NO. CW10510.STD