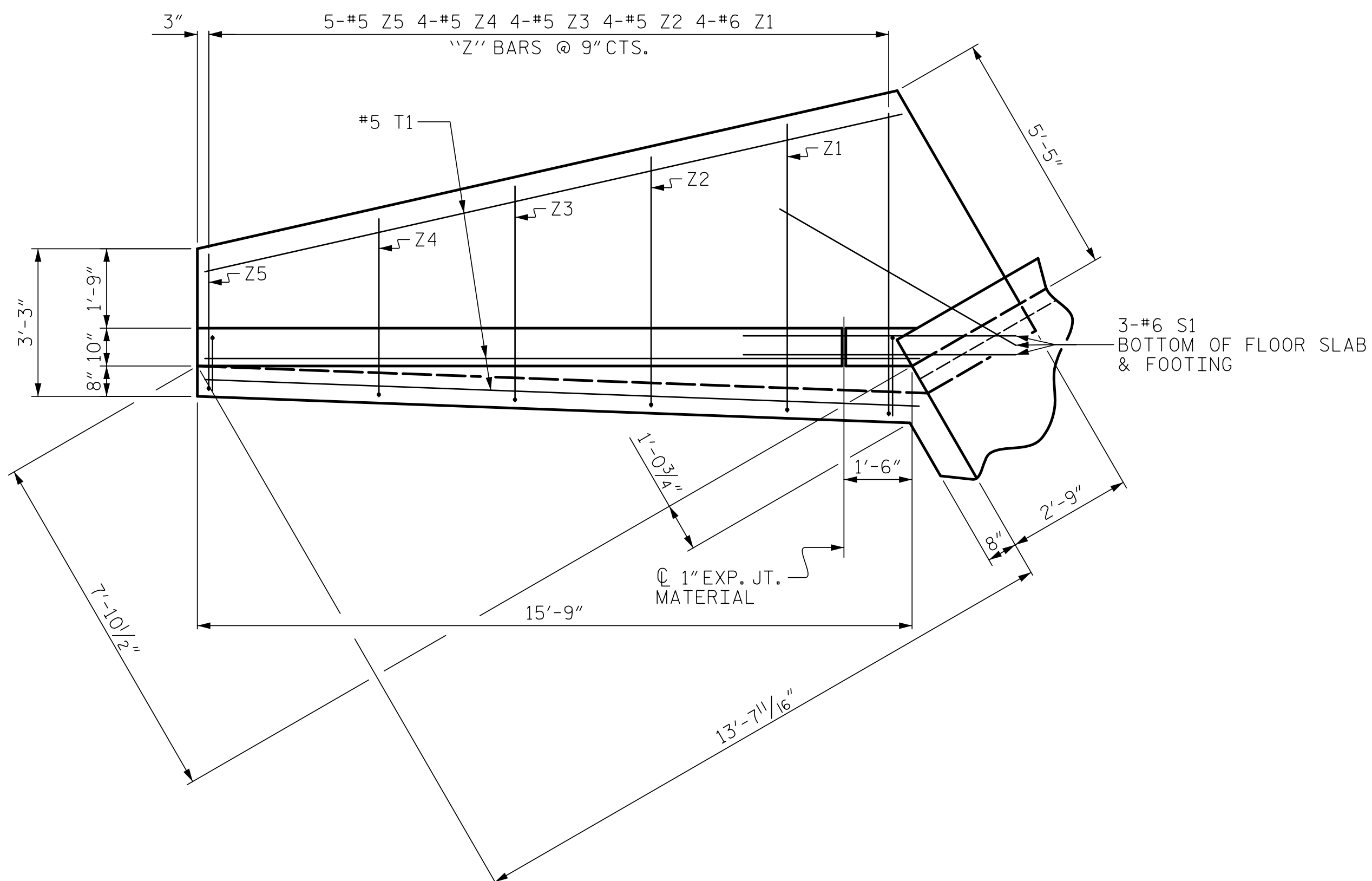
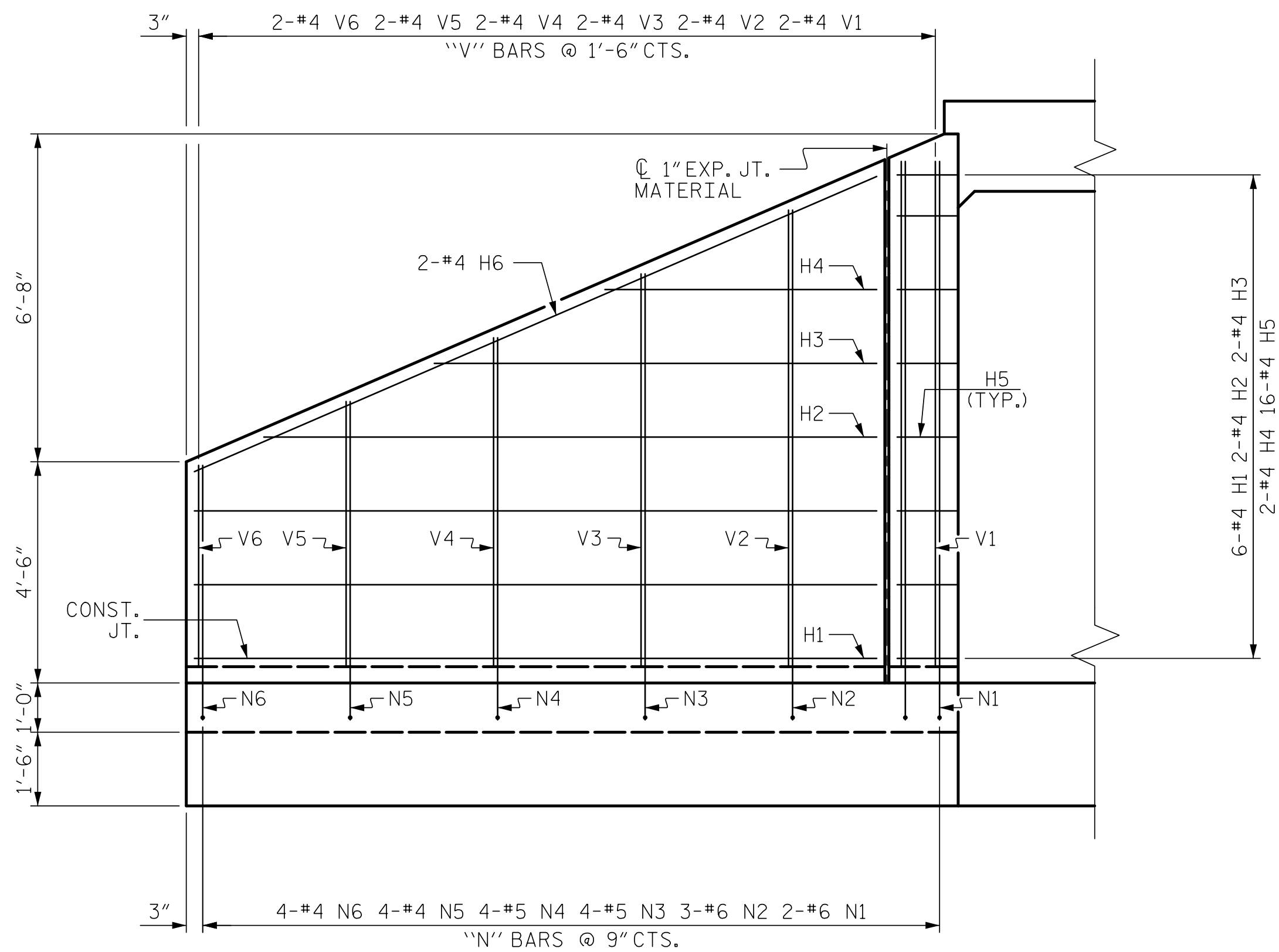
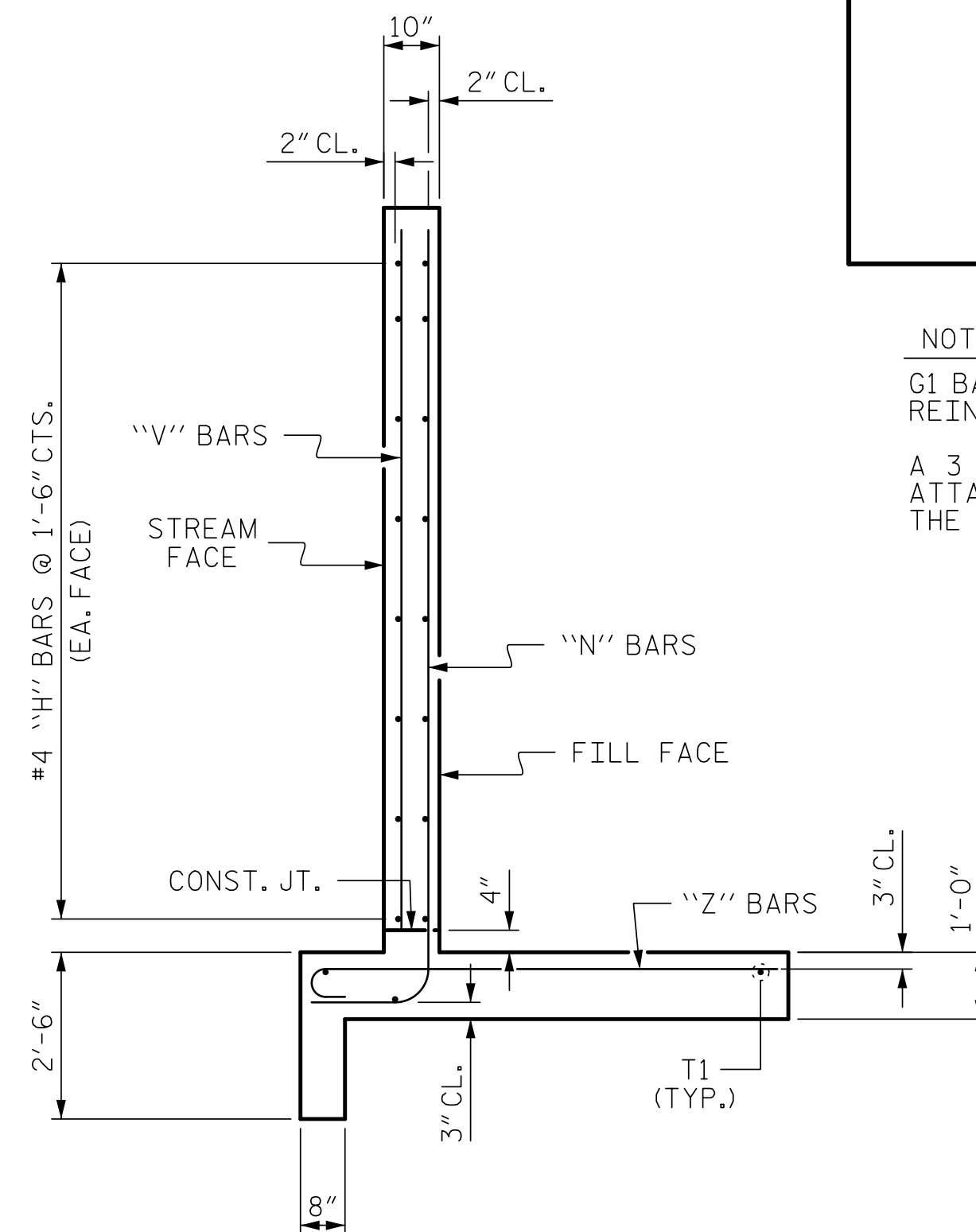




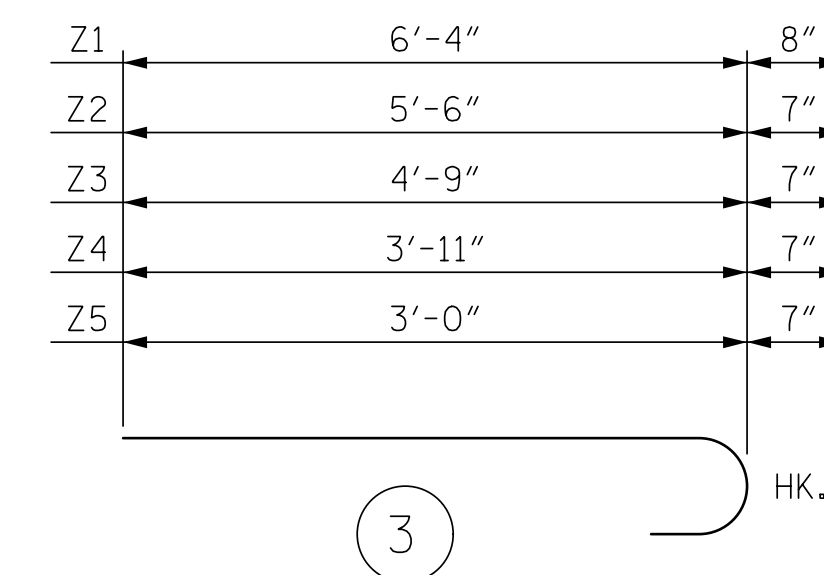
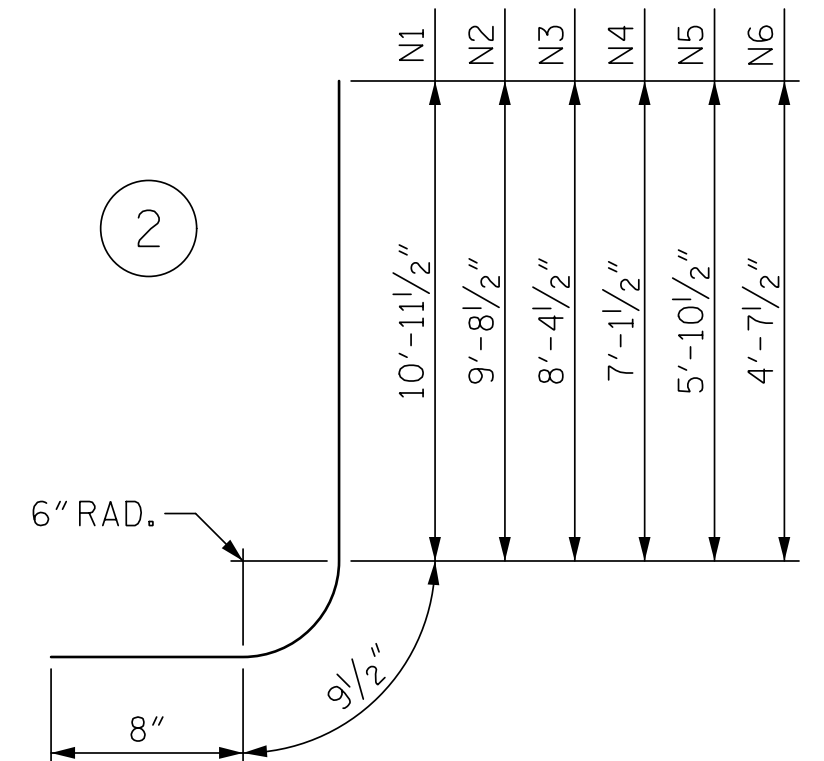
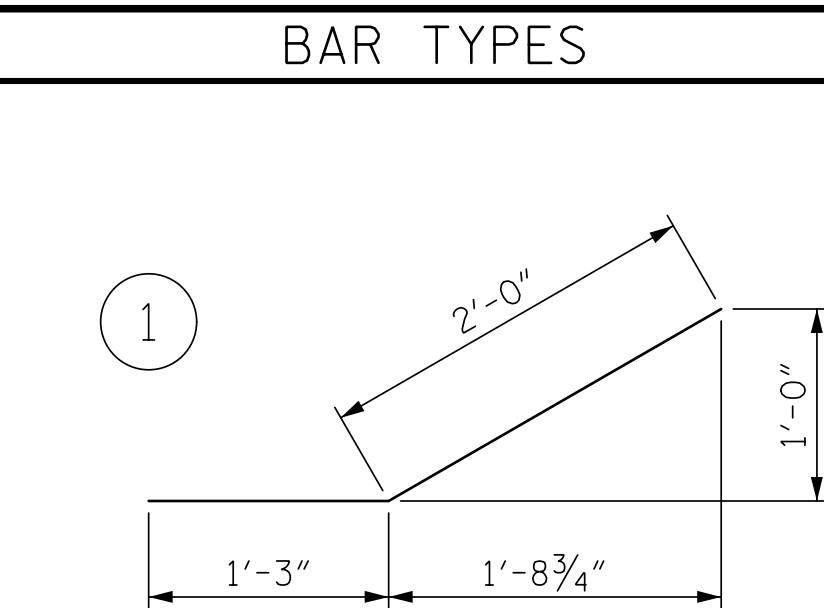
PLAN



ELEVATION



TYPICAL WING SECTION



ALL BAR DIMENSIONS ARE OUT TO OUT.

BAR TYPES

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	13'-10"	111
H2	4	#4	STR	12'-7"	34
H3	4	#4	STR	9'-1"	24
H4	4	#4	STR	5'-6"	15
H5	32	#4	1	3'-3"	69
H6	4	#4	STR	15'-1"	40

N1	4	#6	2	12'-5"	75
N2	6	#6	2	11'-2"	101
N3	8	#5	2	9'-10"	82
N4	8	#5	2	8'-7"	72
N5	8	#4	2	7'-4"	39
N6	8	#4	2	6'-1"	33

S1	6	#6	STR	6'-0"	54
T1	6	#5	STR	15'-9"	99

V1	4	#4	STR	10'-4"	28
V2	4	#4	STR	9'-2"	24
V3	4	#4	STR	7'-8"	20
V4	4	#4	STR	6'-7"	18
V5	4	#4	STR	5'-4"	14
V6	4	#4	STR	4'-1"	11

Z1	8	#6	3	7'-0"	84
Z2	8	#5	3	6'-1"	51
Z3	8	#5	3	5'-4"	45
Z4	8	#5	3	4'-6"	38
Z5	10	#5	3	3'-7"	37

REINFORCING STEEL FOR 2 WINGS	1,218 LBS
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CLASS A CONCRETE	
2 WINGS	15.6 CY
1 HEADWALL	0.8 CY
END CURTAIN WALL	0.9 CY
TOTAL	17.3 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. R-5739
NORTHAMPTON COUNTY
 STATION: 499+65.60 -L-

SHEET 8 OF 9



7/23/2025

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD WINGS
FOR
CONCRETE BOX CULVERT
H = 10'-0" SLOPE = 2:1
LEFT EXTENSION

REVISIONS

T	NO.	BY:	DATE:	NO.	BY:	DATE:	C5-8
	1			3			TOTAL SHEETS
S	2			4			9

STD. NO. CW9010 STR #5

ASSEMBLED BY :	STM	DATE :	08/22
CHECKED BY :	MGC	DATE :	01/23
DRAWN BY :	CCJ 10/99	REV. 6/19	MAA/THC
CHECKED BY :	RWW 03/00		

3/27/2023
X:\NCDOT\R-5739\Structures\Str. #5 (499 + 65.60 -L)\FinalPlans\DGNS\R-5739-SMU-CU-STR 5.8.dgn
User:ZSmith