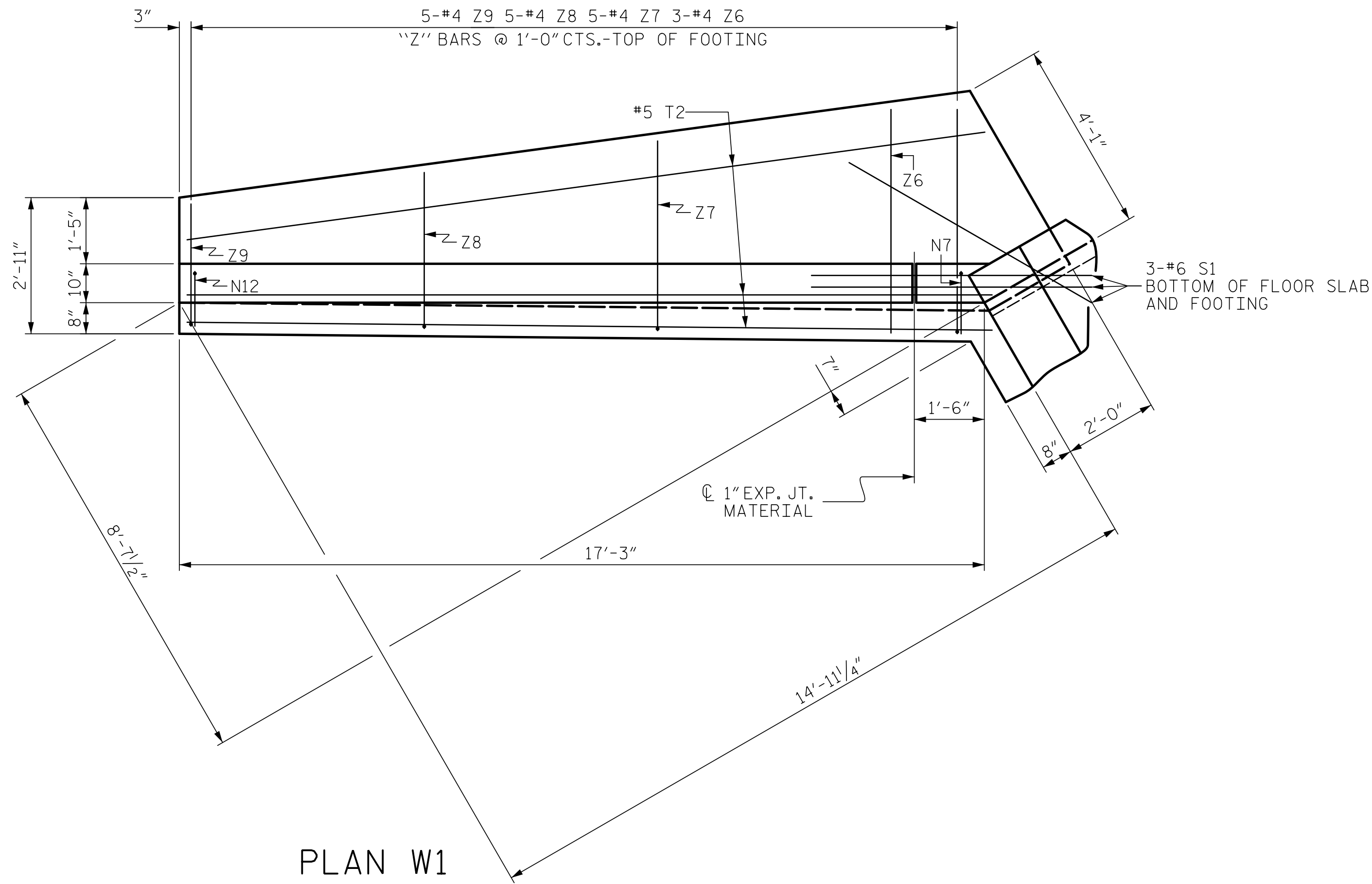
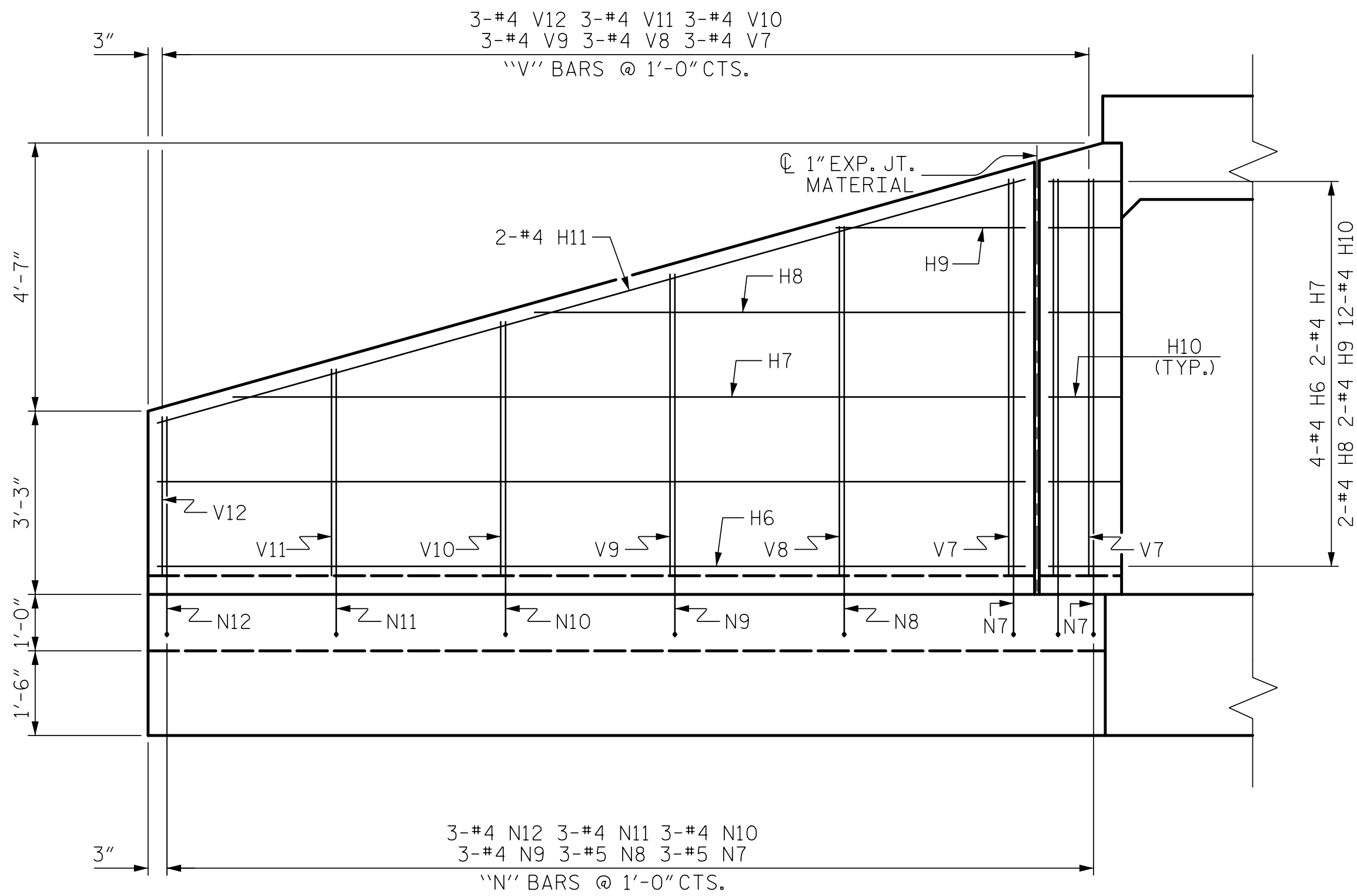
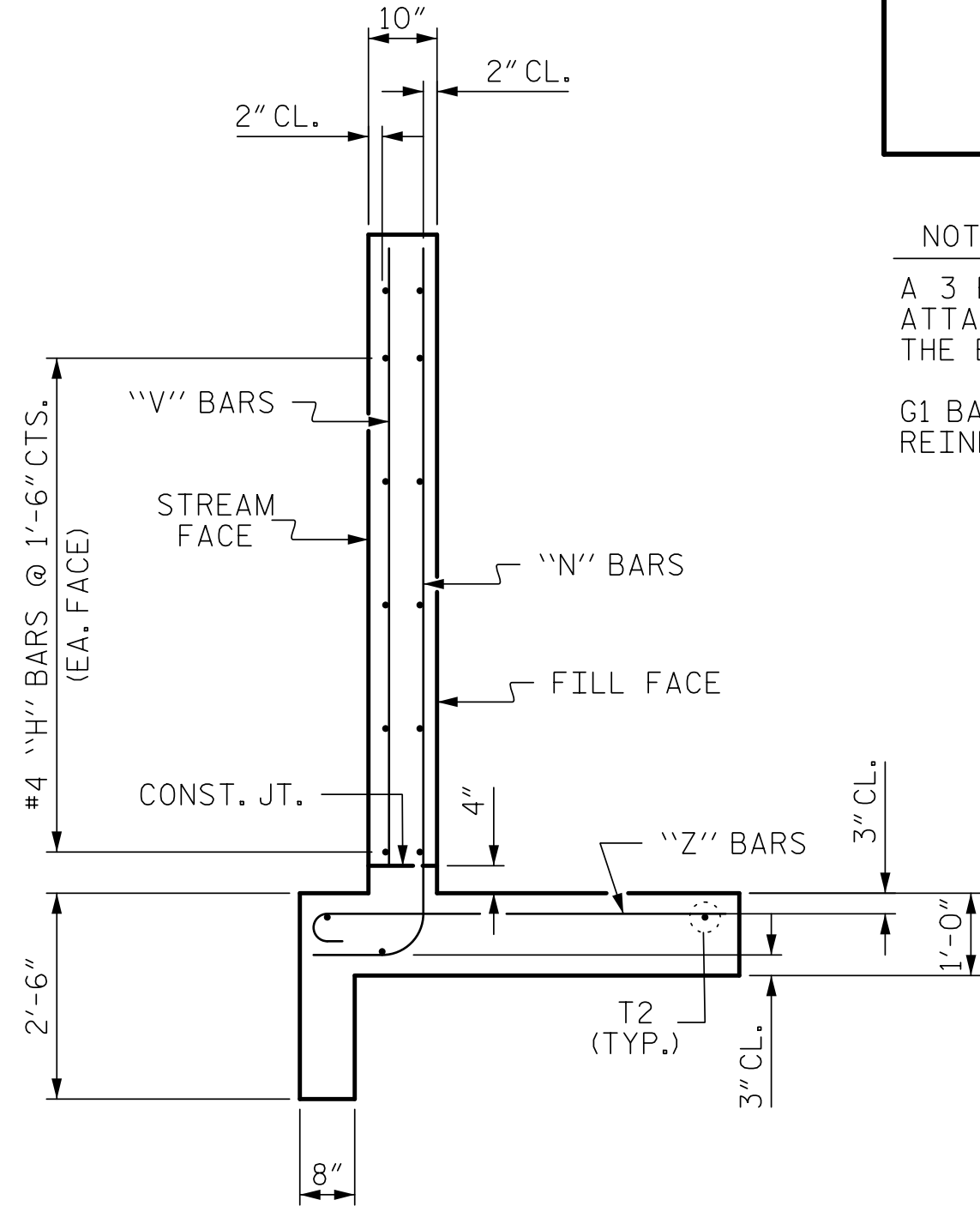




PLAN W1

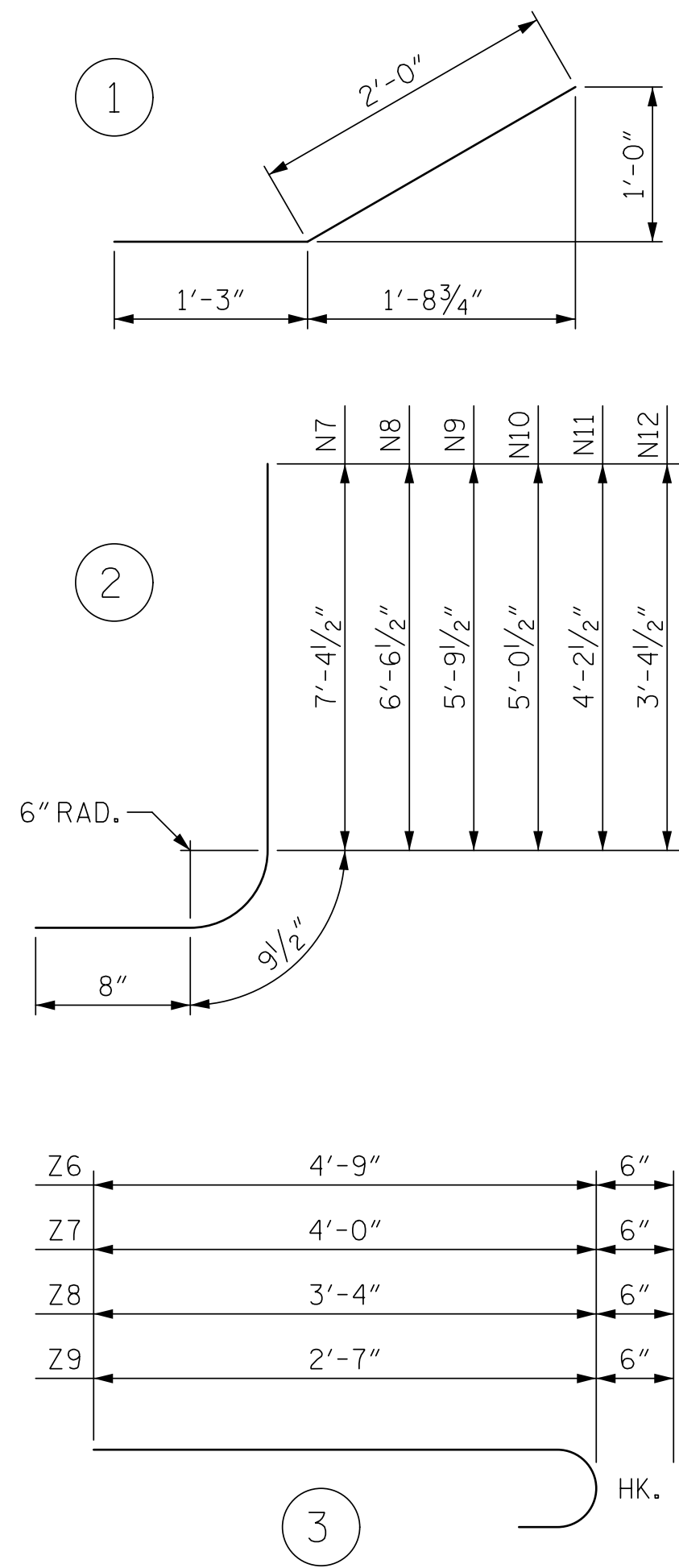


ELEVATION W1



TYPICAL WING SECTION

BAR TYPES



BILL OF MATERIAL
INLET WINGS

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H6	8	#4	STR	15'-4"	82
H7	4	#4	STR	14'-4"	38
H8	4	#4	STR	8'-8"	23
H9	4	#4	STR	3'-2"	8
H10	24	#4	1	3'-3"	52
H11	4	#4	STR	15'-11"	43
N7	6	#5	2	8'-10"	55
N8	6	#5	2	8'-0"	50
N9	6	#4	2	7'-3"	29
N10	6	#4	2	6'-6"	26
N11	6	#4	2	5'-8"	23
N12	6	#4	2	4'-10"	19
S1	6	#6	STR	6'-0"	54
T2	6	#5	STR	17'-3"	108
V7	6	#4	STR	6'-9"	27
V8	6	#4	STR	5'-11"	24
V9	6	#4	STR	5'-2"	21
V10	6	#4	STR	4'-4"	17
V11	6	#4	STR	3'-6"	14
V12	6	#4	STR	2'-9"	11
Z6	6	#4	3	5'-3"	21
Z7	10	#4	3	4'-6"	30
Z8	10	#4	3	3'-10"	26
Z9	10	#4	3	3'-1"	21

TOTAL REINFORCING STEEL
FOR 2 WINGS 822 LBS

CLASS A CONCRETE
2 WINGS 12.9 CY
1 HEADWALL 0.6 CY
1 END CURTAIN WALL 0.7 CY
TOTAL 14.2 CY

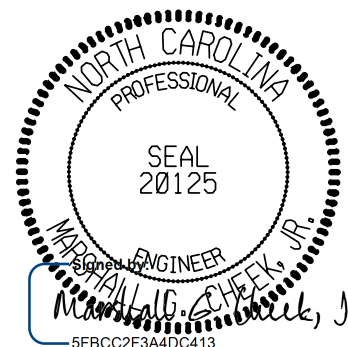
NOTES

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.

PROJECT NO. R-5739
NORTHAMPTON COUNTY
STATION: 280+87.40 -L-

SHEET 8 OF 9



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

INLET WINGS
FOR
CONCRETE BOX CULVERT
H = 7'-0" SLOPE = 3:1
90° SKEW

ASSEMBLED BY : ZCS DATE : 6/22
CHECKED BY : MGC DATE : 8/22
DESIGN ENGINEER OF RECORD : ZCS DATE : 8/22

3/24/2023
X:\NCDOT\R-5739\Structures\Str. #2 (280 + 87.40 -L)\Final Plans\DGNS\R-5739.SMUJ. CU.650000.dgn
User:ZSmith

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED
TGS ENGINEERS
706 HILLSBOROUGH STREET
SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275

REVISIONS

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

SHEET NO.

C2-8

TOTAL SHEETS

9

STR. #2