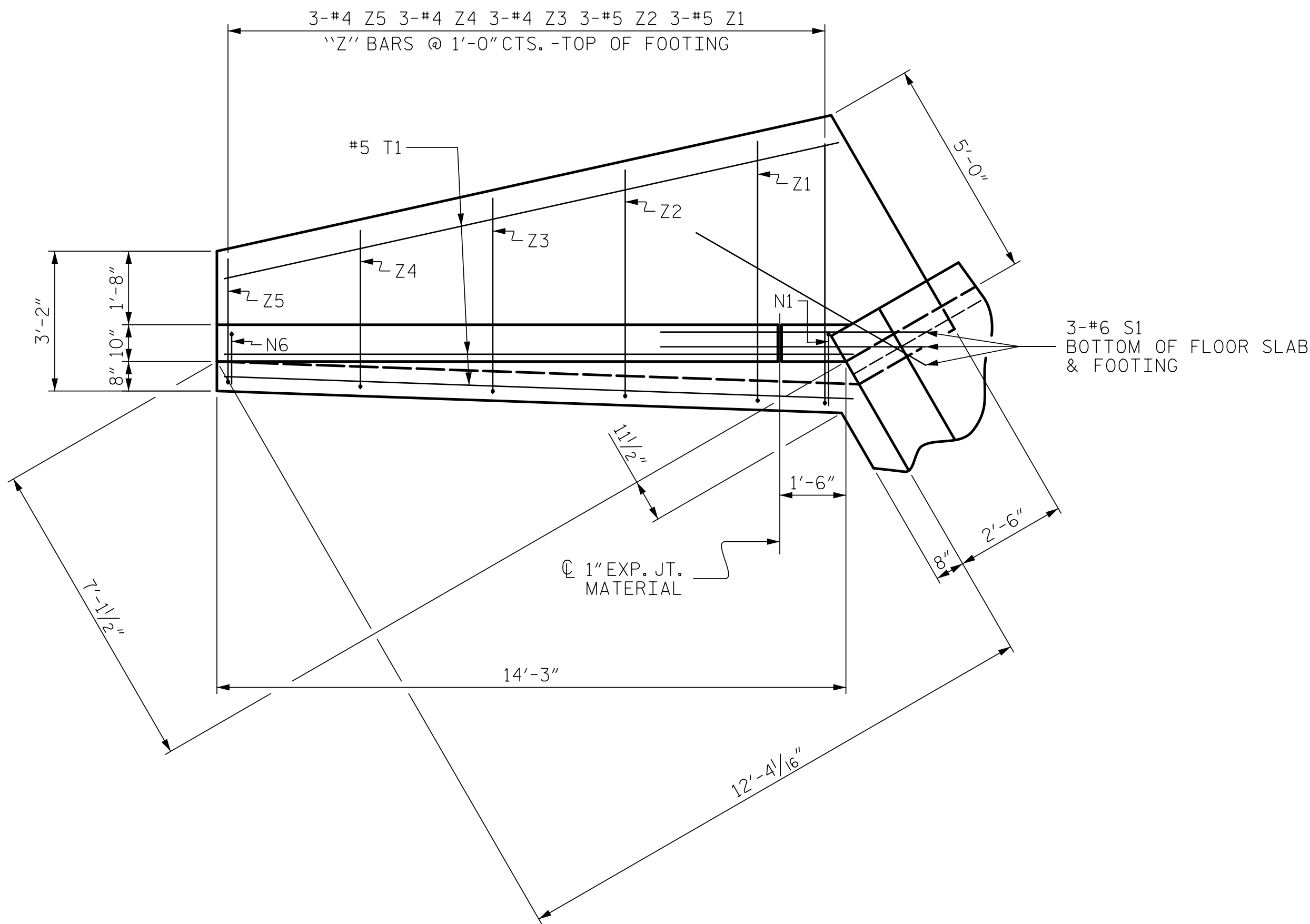
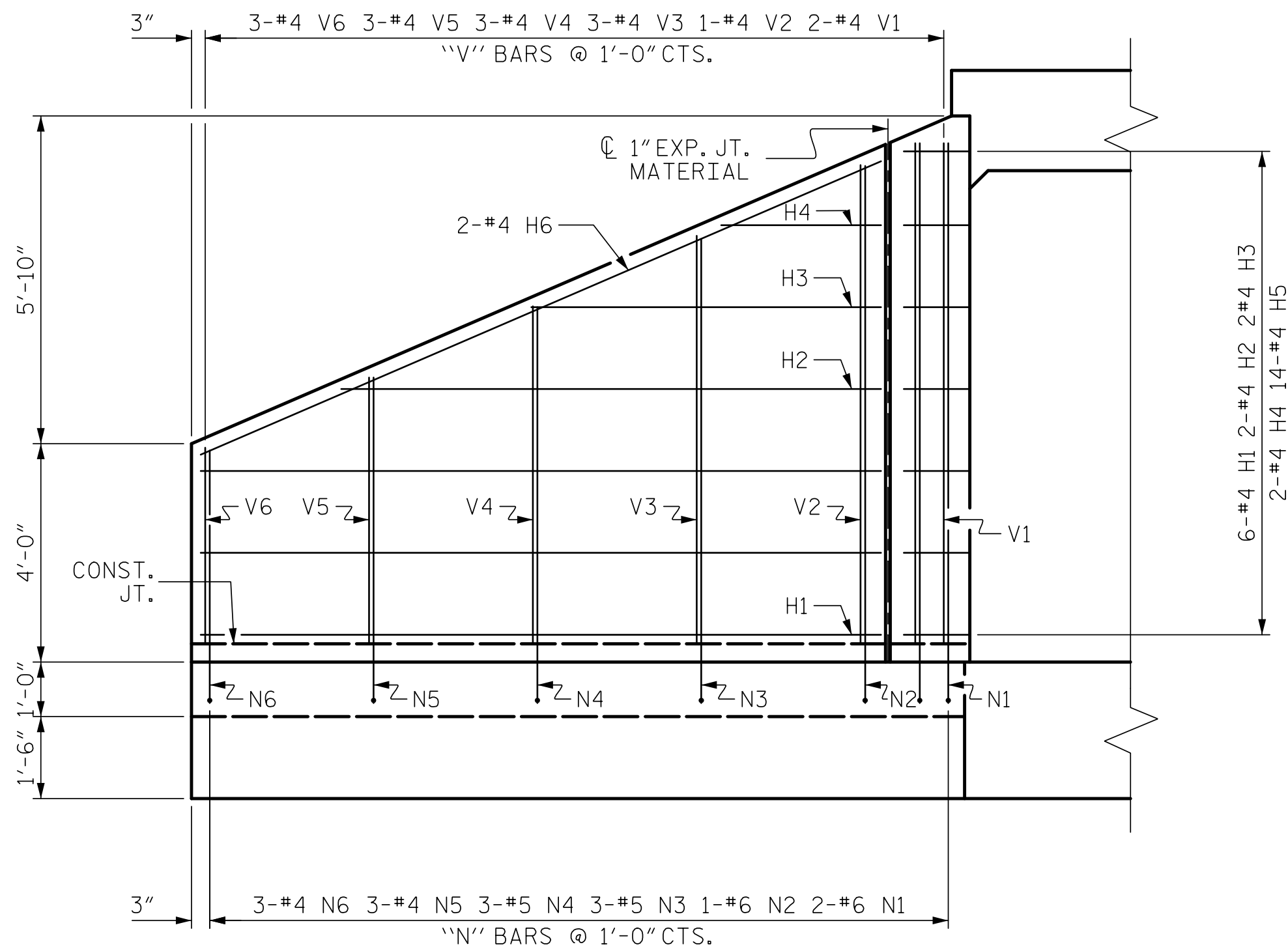
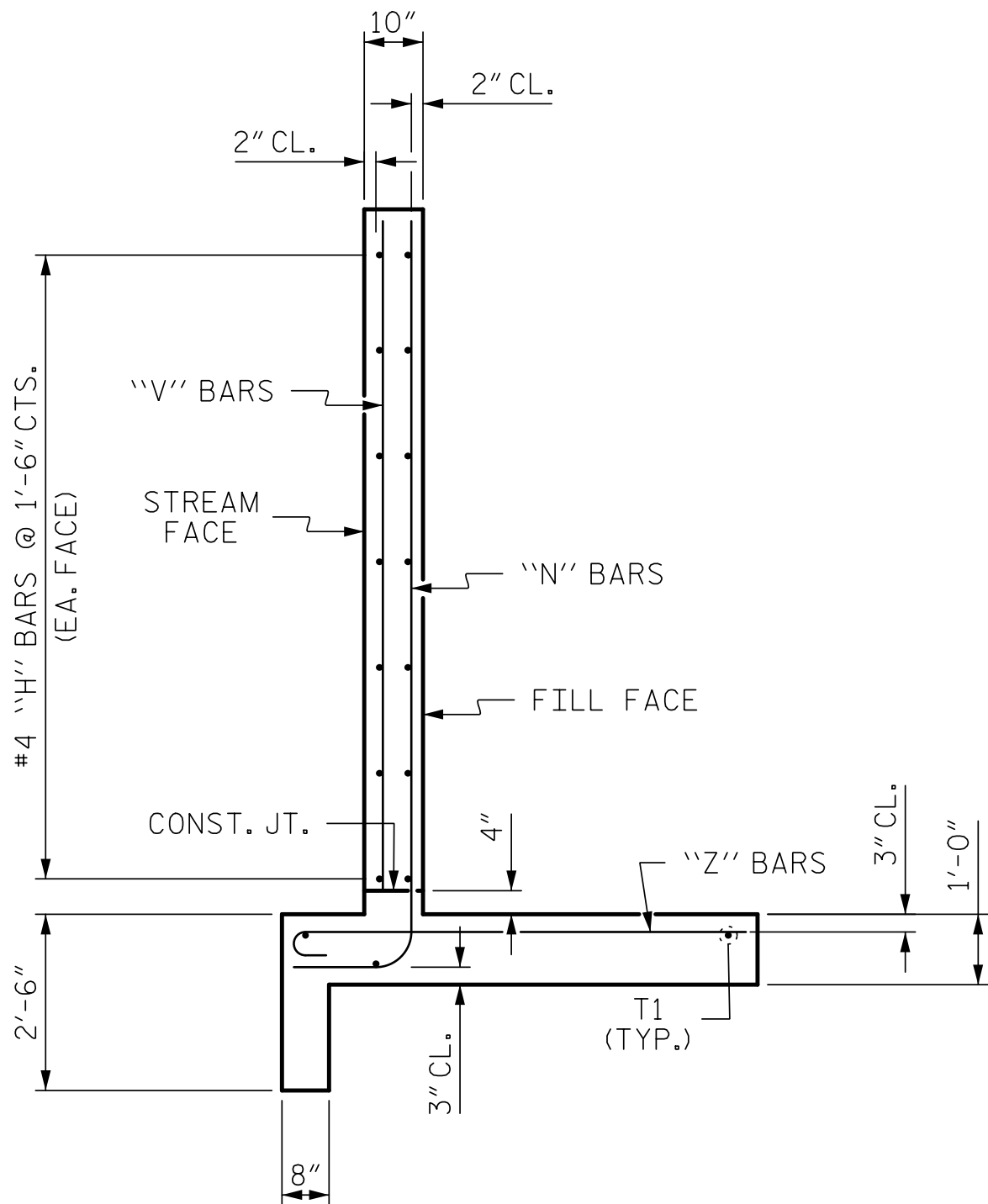




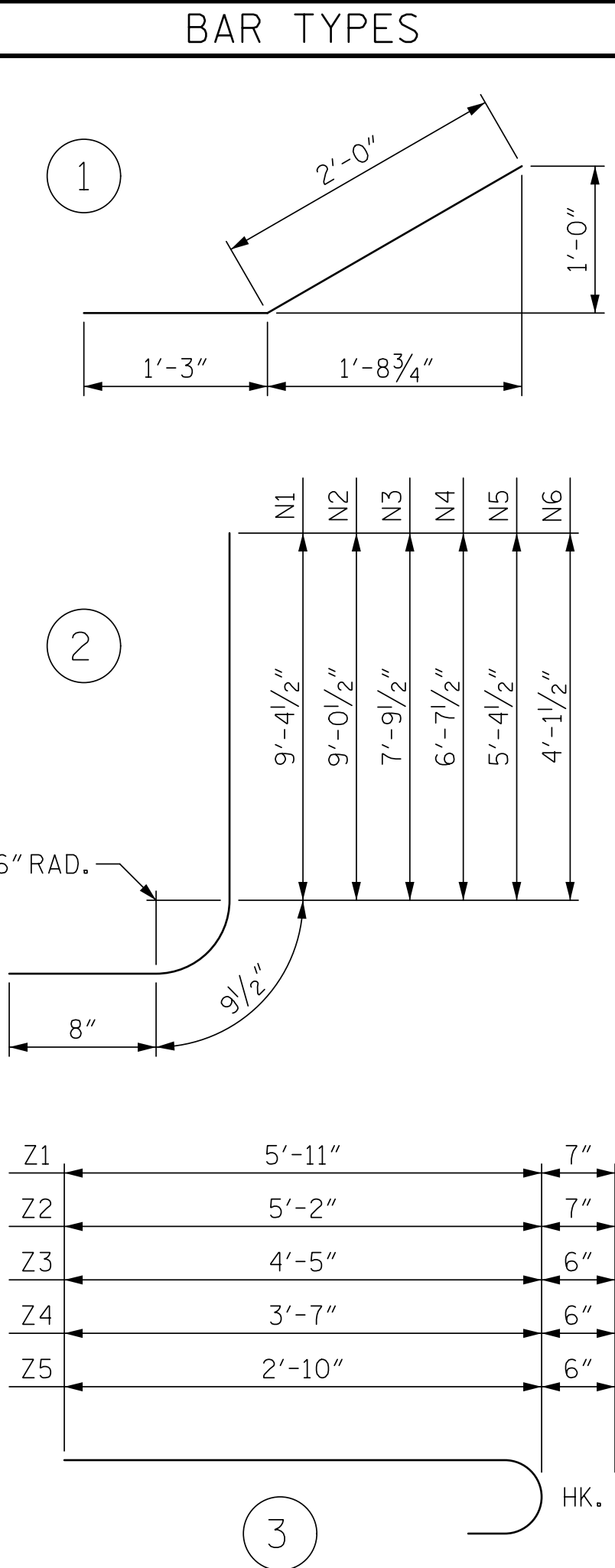
PLAN W3 & W4



ELEVATION W3 & W4



TYPICAL WING SECTION



BILL OF MATERIAL OUTLET WINGS					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	12'-5"	100
H2	4	#4	STR	9'-10"	26
H3	4	#4	STR	6'-5"	17
H4	4	#4	STR	2'-11"	8
H5	28	#4	1	3'-3"	61
H6	4	#4	STR	13'-6"	36
N1	4	#6	2	10'-10"	65
N2	2	#6	2	10'-6"	32
N3	6	#5	2	9'-3"	58
N4	6	#5	2	8'-1"	51
N5	6	#4	2	6'-10"	27
N6	6	#4	2	5'-7"	22
S1	6	#6	STR	6'-0"	54
T1	6	#5	STR	14'-3"	89
V1	4	#4	STR	9'-2"	24
V2	2	#4	STR	8'-4"	11
V3	6	#4	STR	7'-1"	28
V4	6	#4	STR	5'-10"	23
V5	6	#4	STR	4'-8"	19
V6	6	#4	STR	3'-7"	14
Z1	6	#5	3	6'-6"	41
Z2	6	#5	3	5'-9"	36
Z3	6	#4	3	4'-11"	20
Z4	6	#4	3	4'-1"	16
Z5	6	#4	3	3'-4"	13
REINFORCING STEEL FOR 2 WINGS					891 LBS
CLASS A CONCRETE					
2 WINGS					13.1 CY
1 HEADWALL					0.3 CY
1 END CURTAIN WALL					0.3 CY
TOTAL					13.7 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: 529+01.60 -L-

SHEET 12 OF 12

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

RALEIGH

STANDARD WINGS

FOR

CONCRETE BOX CULVERT

H = 9'-0"

SLOPE = 2:1

OUTLET WINGS

REVISIONS

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

SHEET NO.

C7-12

TOTAL SHEETS

12

11/27/2023

X:\NCDDOT\NR-5739\Structures\Str. #7 (529 + 01.60 -L)\Final Plans\DGNS\NR-5739_SMU. CU.650000.dgn

User:zSmith

ASSEMBLED BY : ZCS

CHECKED BY : MGC

DRAWN BY : CCJ

CHECKED BY : RWW

DATE : 12/22

DATE : 1/23

REV. 6/19

MAA/THC

7/23/2025

706 HILLSBOROUGH STREET

RALEIGH, NC 27603

PH (919) 773-8887

CORP. LICENSE NO.: C-0275

STR. #7 STD. NO. CW9009