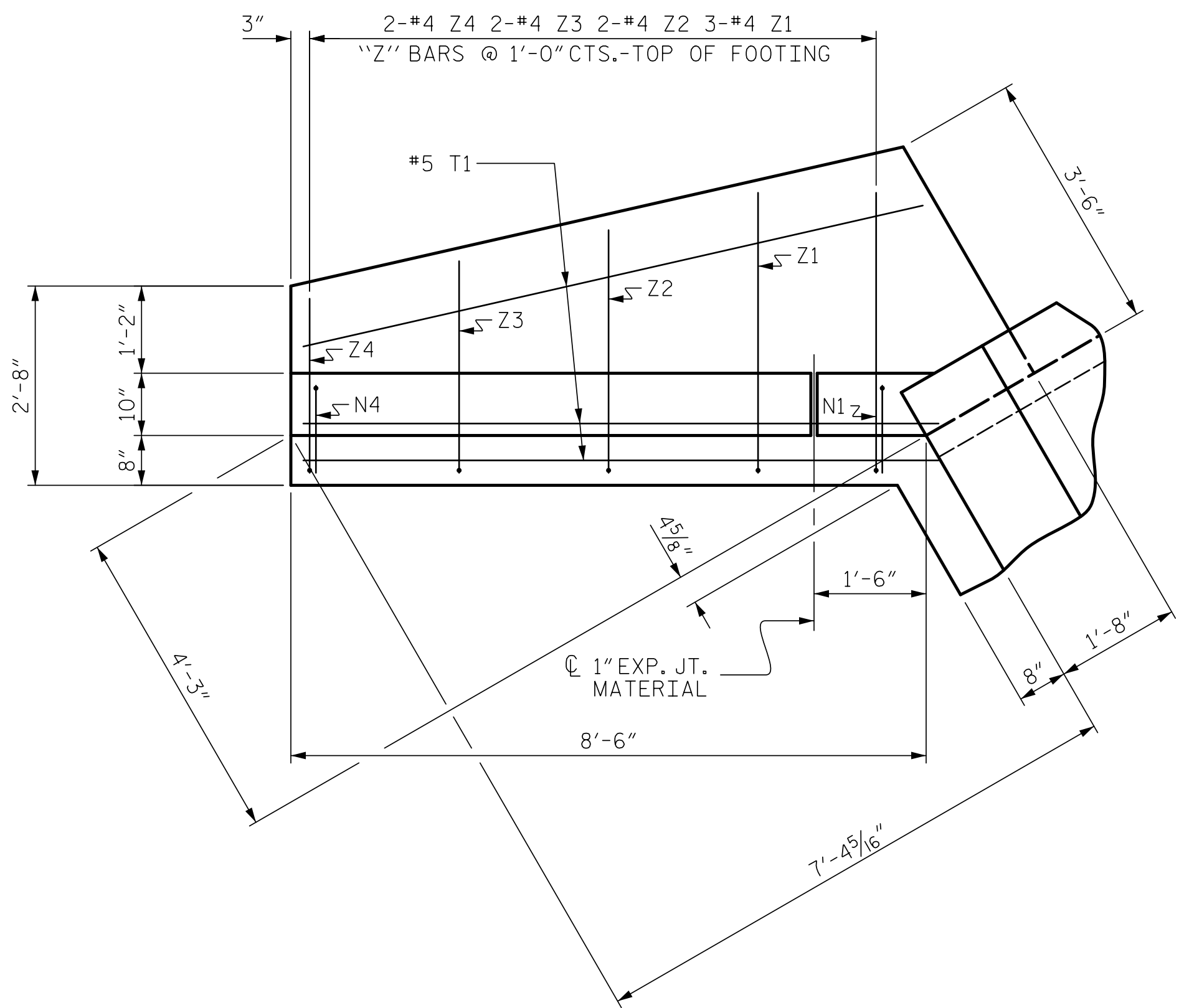
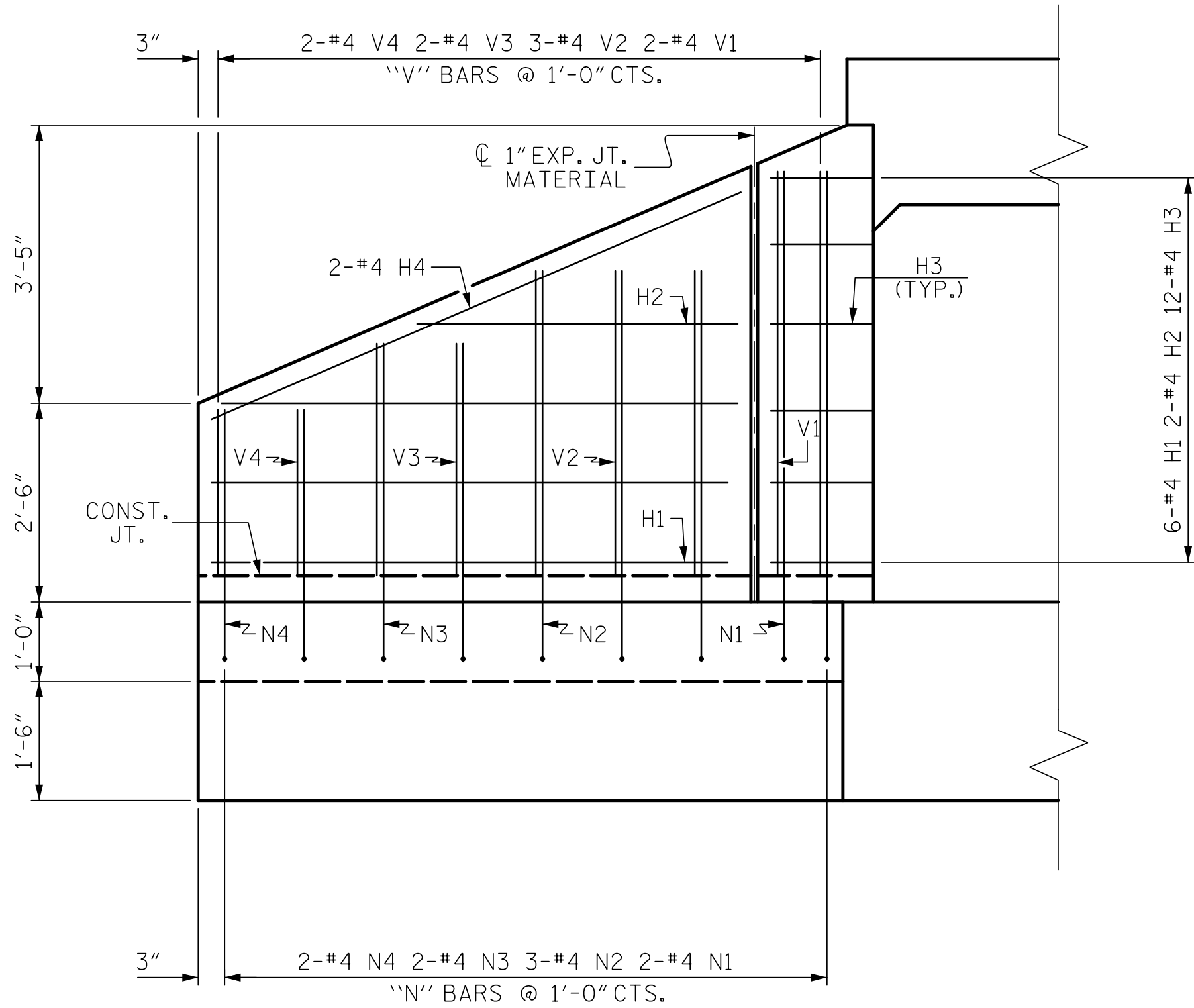
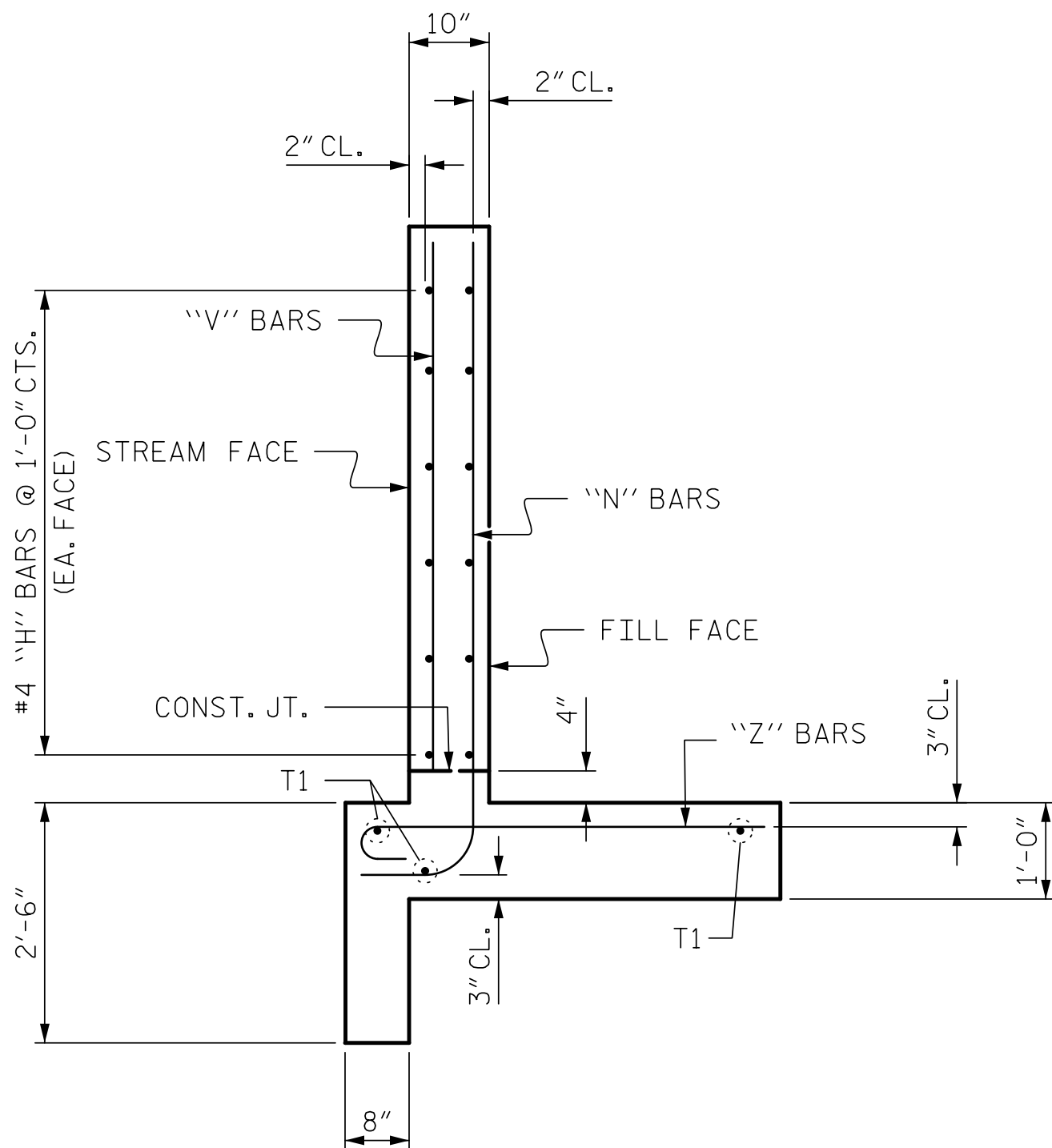




PLAN

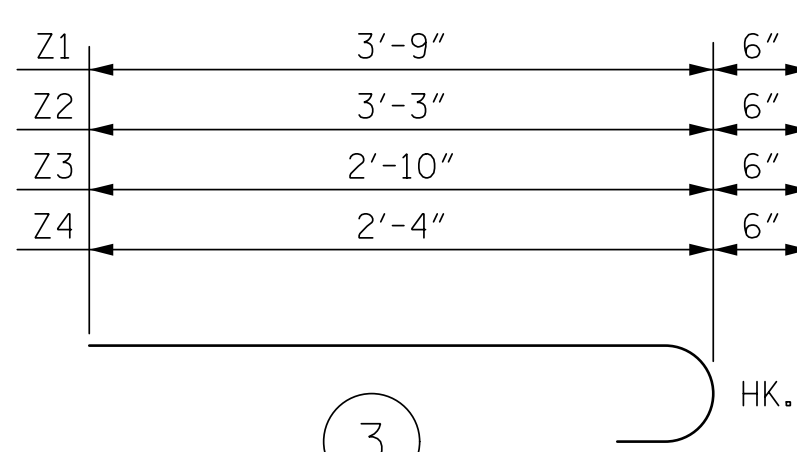
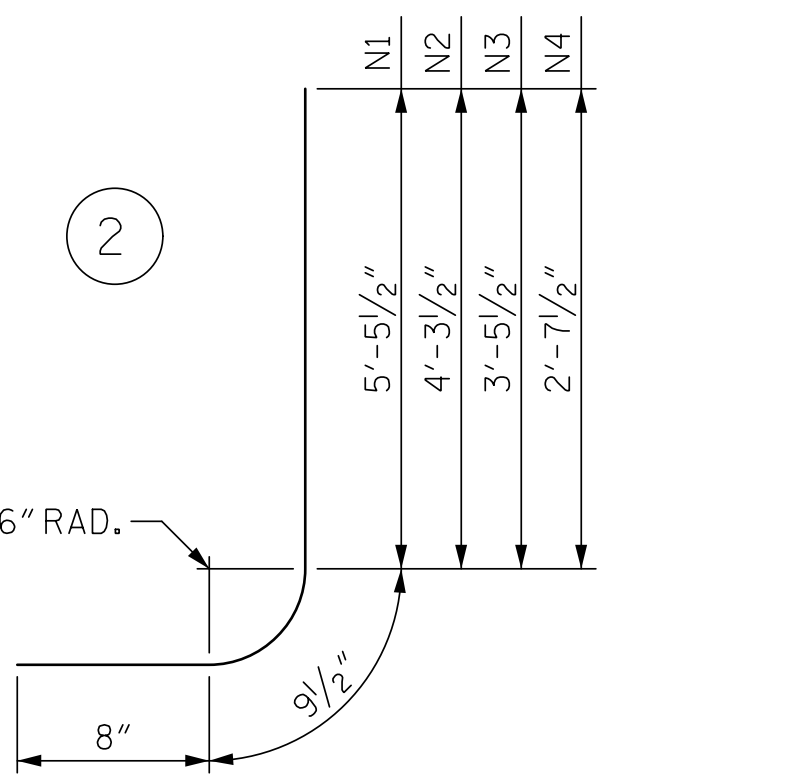
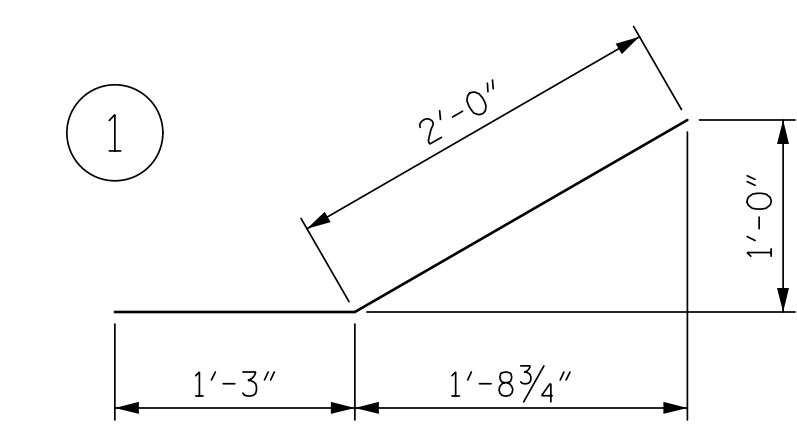


ELEVATION



TYPICAL WING SECTION

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

NOTES

G1 BARS IN HEADWALL ARE INCLUDED IN BARREL REINFORCING.
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.

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	6'-6"	52
H2	4	#4	STR	4'-0"	11
H3	24	#4	1	3'-3"	52
H4	4	#4	STR	7'-3"	19
N1	4	#4	2	6'-11"	18
N2	6	#4	2	5'-9"	23
N3	4	#4	2	4'-11"	13
N4	4	#4	2	4'-1"	11
T1	6	#5	STR	8'-6"	53
V1	4	#4	STR	4'-11"	13
V2	6	#4	STR	3'-8"	15
V3	4	#4	STR	2'-11"	8
V4	4	#4	STR	2'-1"	6
Z1	6	#4	3	4'-3"	17
Z2	4	#4	3	3'-9"	10
Z3	4	#4	3	3'-4"	9
Z4	4	#4	3	2'-10"	8

REINFORCING STEEL FOR 2 WINGS 338 LBS

CLASS A CONCRETE
2 WINGS 5.7 CY
1 HEADWALL 0.2 CY
END CURTAIN WALL 0.1 CY
TOTAL 6.0 CY

PROJECT NO. R-5739
NORTHAMPTON COUNTY
STATION: 38+74.00 -L-

SHEET 10 OF 10



7/23/2025

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD WINGS
FOR
CONCRETE BOX CULVERT
H = 5'-0" SLOPE = 2:1
RIGHT EXTENSION

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	C1-10	
1			3			TOTAL SHEETS	
2			4			10	

STR, #1

STD. NO. CW9005

ASSEMBLED BY :	ZCS	DATE :	4/22
CHECKED BY :	MGC	DATE :	7/22
DRAWN BY :	CCJ	10/99	REV. 6/19
CHECKED BY :	RWW	03/00	MAA/THC

11/28/2023
X:\NCDOT\NR-5739\Structures\Str. #1 (38 + 74.00 -L-)\Final Plans\DGNS\411.001.R-5739.SMU.C1-10.dgn
User:z2sm1h