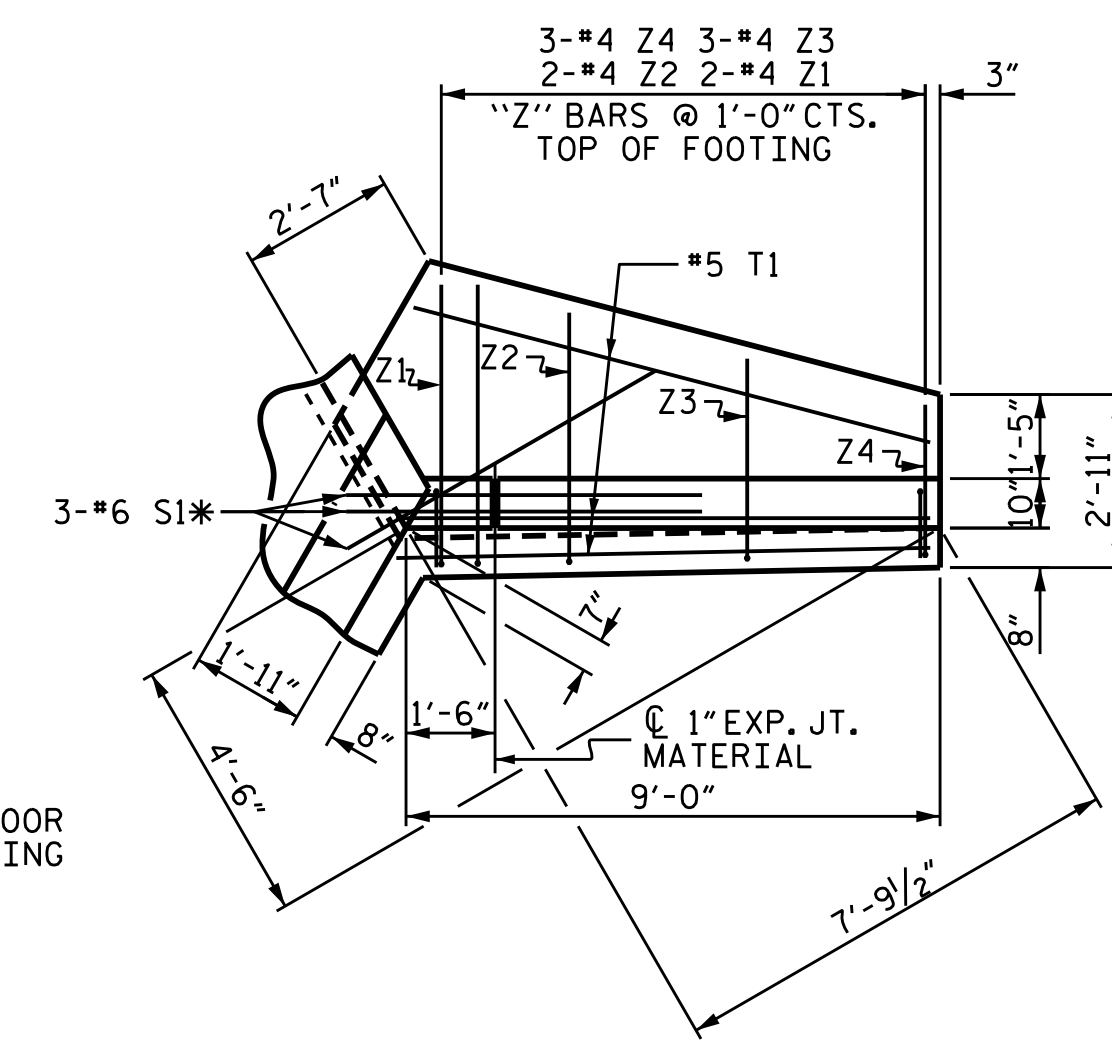


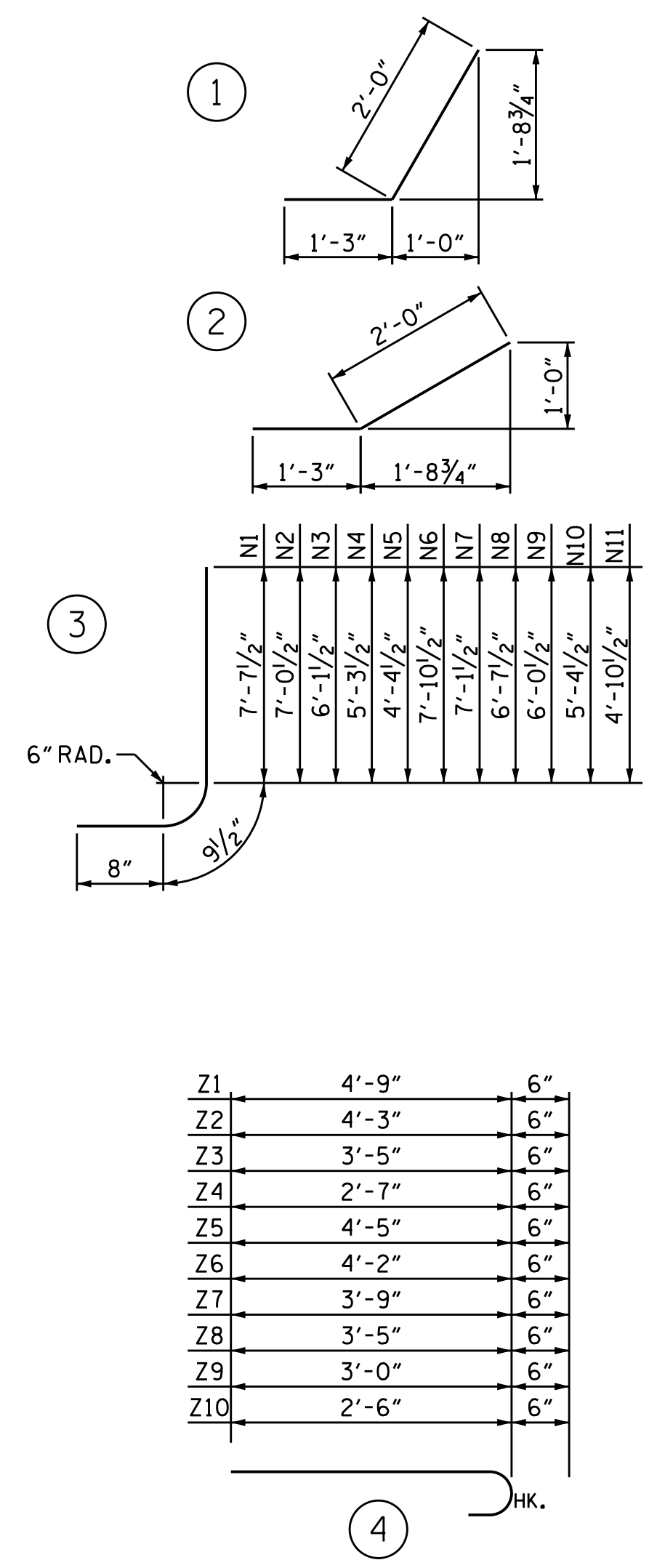
PLAN W1



PLAN W2

\* BOTTOM OF FLOOR SLAB & FOOTING

BAR TYPES  
ALL BAR DIMENSIONS ARE OUT TO OUT.

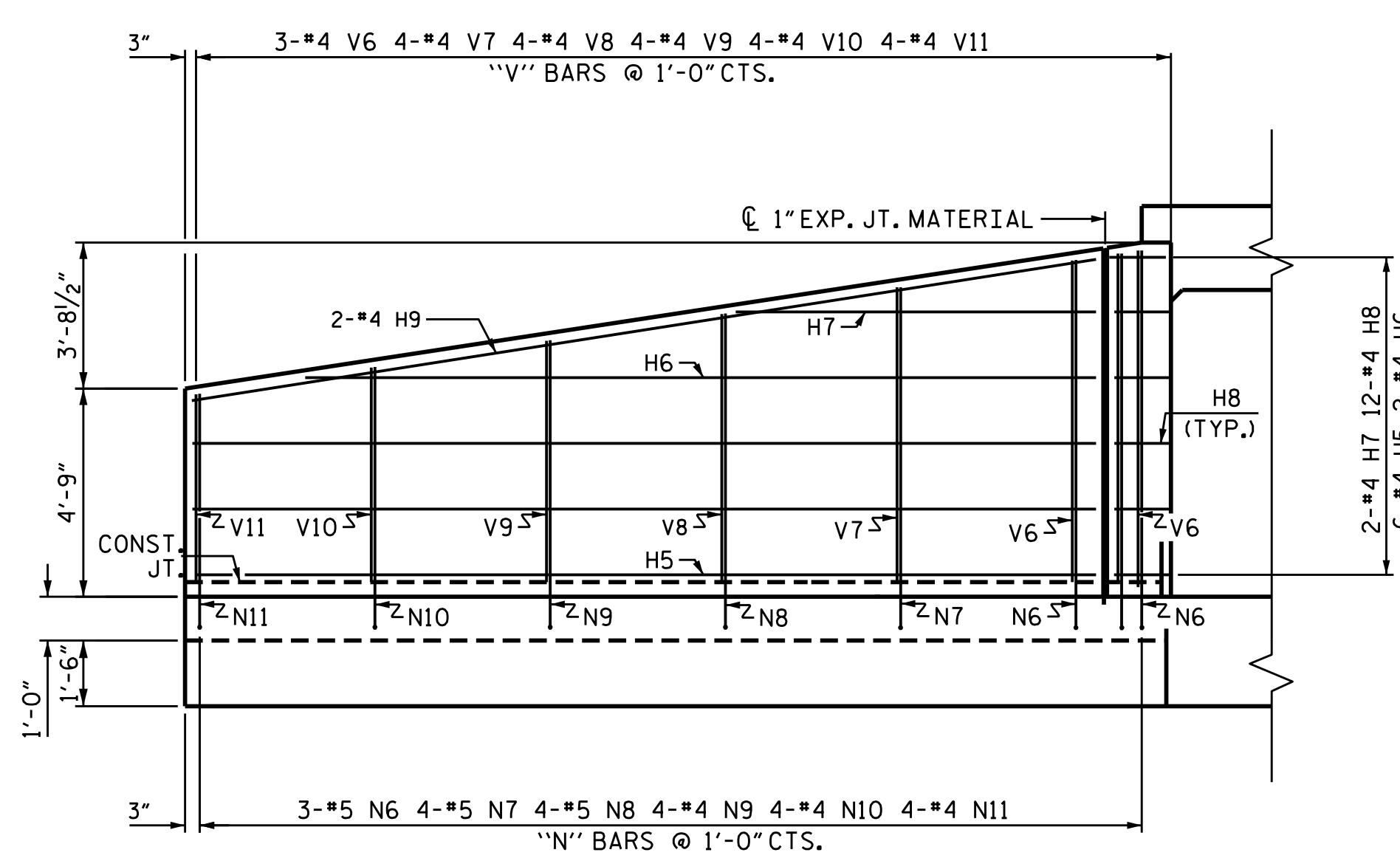


Z1	4'-9"	6"
Z2	4'-3"	6"
Z3	3'-5"	6"
Z4	2'-7"	6"
Z5	4'-5"	6"
Z6	4'-2"	6"
Z7	3'-9"	6"
Z8	3'-5"	6"
Z9	3'-0"	6"
Z10	2'-6"	6"

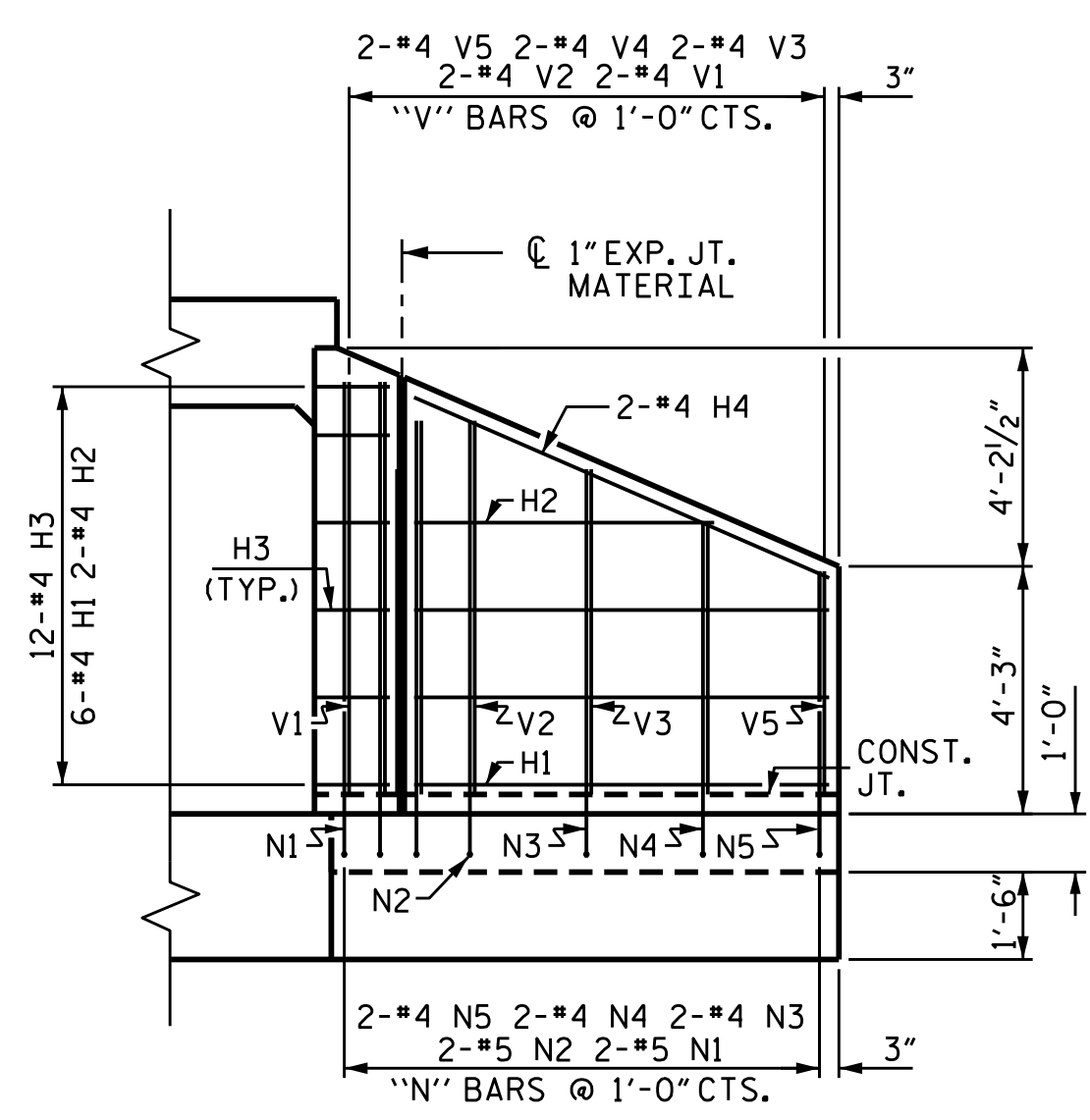
BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	6	#4	STR	7'-1"	28
H2	2	#4	STR	5'-2"	7
H3	6	#4	1	3'-3"	13
H4	2	#4	STR	7'-9"	10
H5	6	#4	STR	20'-7"	82
H6	2	#4	STR	18'-0"	24
H7	2	#4	STR	8'-3"	11
H8	6	#4	2	3'-3"	13
H9	2	#4	STR	20'-11"	28
N1	2	#5	3	9'-1"	19
N2	2	#5	3	8'-6"	18
N3	2	#4	3	7'-7"	10
N4	2	#4	3	6'-9"	9
N5	2	#4	3	5'-10"	8
N6	3	#5	3	9'-4"	29
N7	4	#5	3	8'-7"	36
N8	4	#5	3	8'-1"	34
N9	4	#4	3	7'-6"	20
N10	4	#4	3	6'-10"	18
N11	4	#4	3	6'-4"	17
S1	6	#6	STR	6'-0"	54
T1	3	#5	STR	9'-0"	28
T2	3	#5	STR	22'-6"	70
V1	2	#4	STR	7'-1"	10
V2	2	#4	STR	6'-5"	9
V3	2	#4	STR	5'-7"	7
V4	2	#4	STR	4'-8"	6
V5	2	#4	STR	3'-10"	5
V6	3	#4	STR	7'-4"	15
V7	4	#4	STR	6'-9"	18
V8	4	#4	STR	6'-1"	16
V9	4	#4	STR	5'-6"	15
V10	4	#4	STR	4'-11"	13
V11	4	#4	STR	4'-3"	11

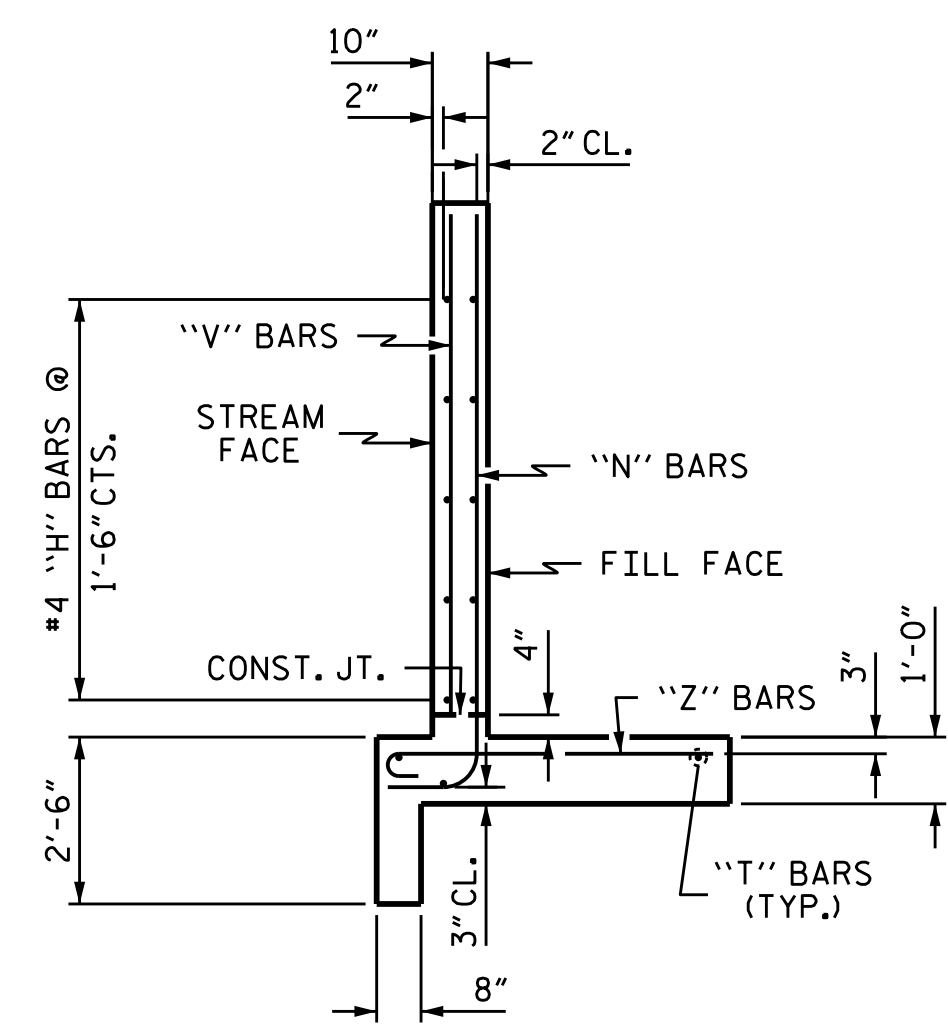
REINFORCING STEEL 798 LBS FOR 2 WINGS  
CLASS A CONCRETE 12.7 CY  
2 WINGS 0.8 CY  
1 HEADWALLS 0.5 CY  
1 END CURTAIN WALLS 0.5 CY  
TOTAL 14.0 CY



ELEVATION W1



ELEVATION W2



TYPICAL WING SECTION



PROJECT NO. B-5347  
ALAMANCE COUNTY  
STATION: 14+14.00 -L-

SHEET 5 OF 8  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
STAGE II  
WINGS FOR  
CONCRETE BOX CULVERT  
120° SKEW

DRAWN BY: REZA KOUCHEKI DATE: 8/16  
CHECKED BY: K.W. ALFORD DATE: 3/17  
DESIGN ENGINEER OF RECORD: REZA KOUCHEKI DATE: 8/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-5
1			3			TOTAL SHEETS
2			4			8