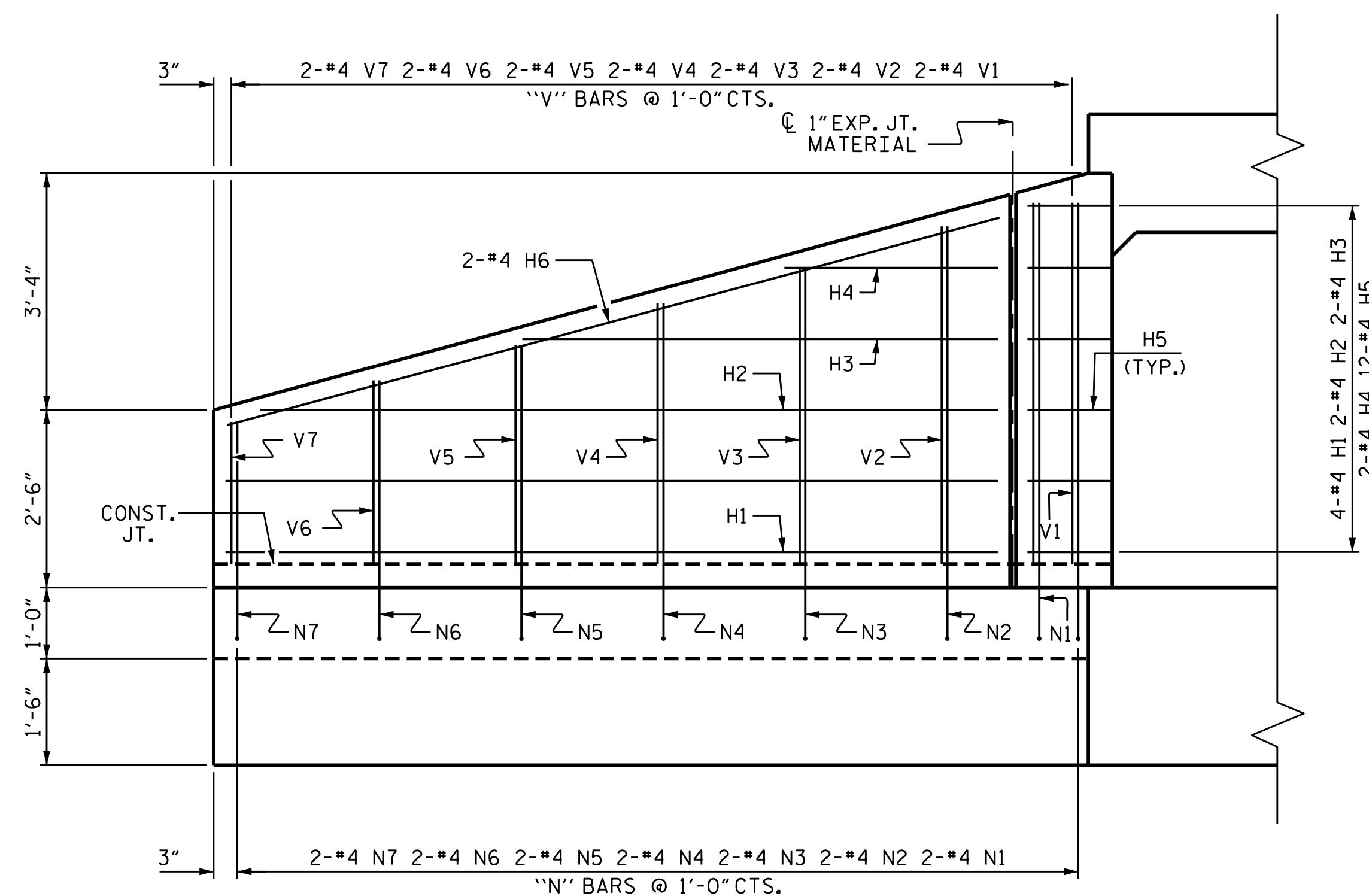
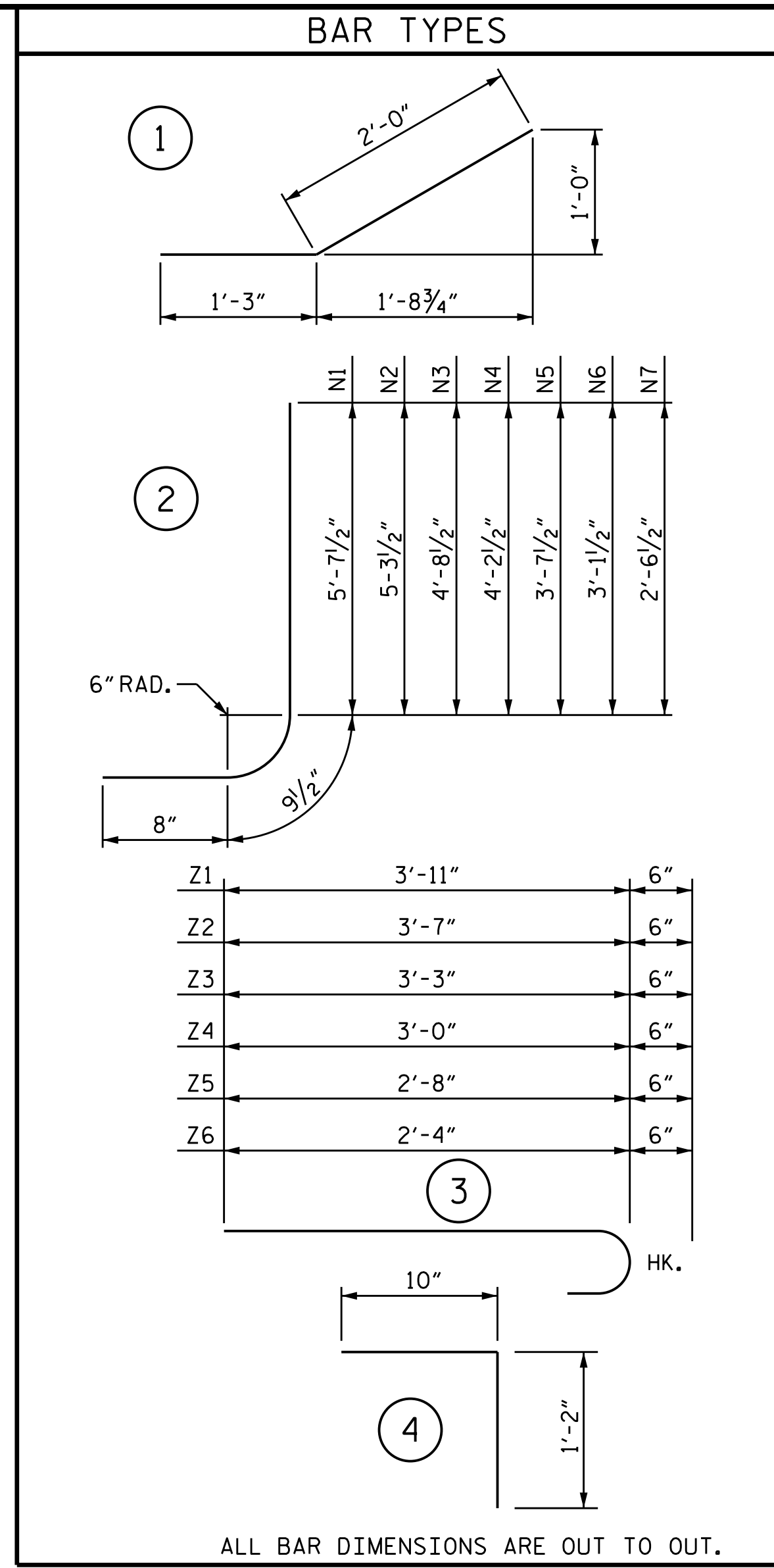


PLAN W1



ELEVATION W1

DRAWN BY : WFP / QTN DATE : 10-17  
 CHECKED BY : K. W. ALFORD DATE : 12/5/18  
 DESIGN ENGINEER OF RECORD: K. A. ALFORD DATE : 12/5/18

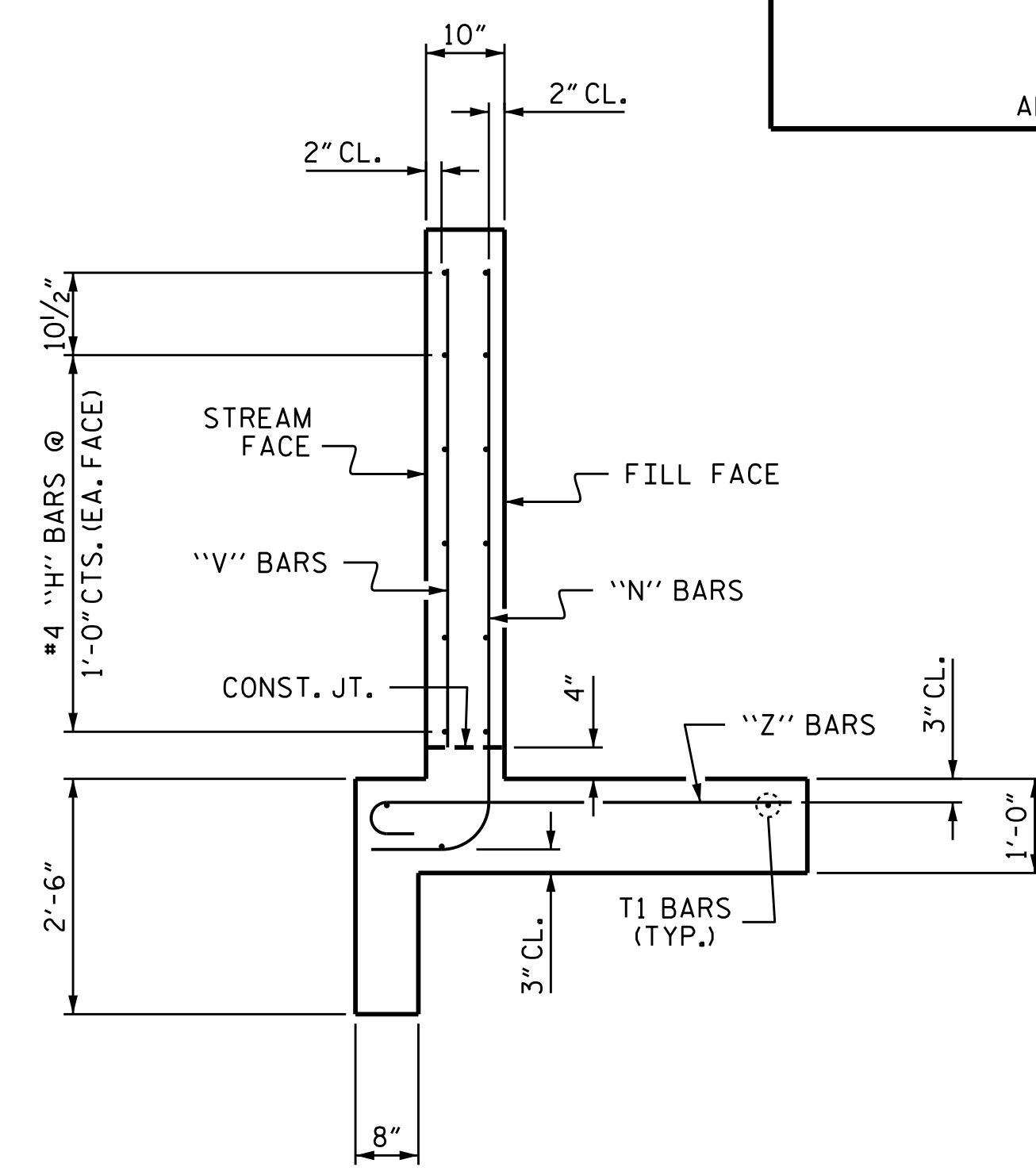


ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	8	#4	STR	10'-10"	58
H2	4	#4	STR	10'-4"	28
H3	4	#4	STR	6'-8"	18
H4	4	#4	STR	3'-0"	8
H5	24	#4	1	3'-3"	52
H6	4	#4	STR	11'-3"	30
N1	4	#4	2	7'-1"	19
N2	4	#4	2	6'-9"	18
N3	4	#4	2	6'-2"	16
N4	4	#4	2	5'-8"	15
N5	4	#4	2	5'-1"	14
N6	4	#4	2	4'-7"	12
N7	4	#4	2	4'-0"	11
T1	6	#5	STR	12'-9"	80
V1	4	#4	STR	5'-1"	14
V2	4	#4	STR	4'-9"	13
V3	4	#4	STR	4'-2"	11
V4	4	#4	STR	3'-8"	10
V5	4	#4	STR	3'-1"	8
V6	4	#4	STR	2'-7"	7
V7	4	#4	STR	2'-0"	5
Z1	6	#4	3	4'-5"	18
Z2	4	#4	3	4'-1"	11
Z3	4	#4	3	3'-9"	10
Z4	4	#4	3	3'-6"	9
Z5	4	#4	3	3'-2"	8
Z6	4	#4	3	2'-10"	8
D1	11	#6	4	2'-0"	33
D2	11	#4	STR	3'-2"	23
G1	2	#4	STR	11'-0"	15

REINFORCING STEEL FOR 2 WINGS				LBS.	† 582
CLASS A CONCRETE					
2 WINGS	CU. YDS.	7.9			
1 HEADWALL	CU. YDS.	0.5			
1 END CURTAIN WALL	CU. YDS.	0.6			
TOTAL	CU. YDS.	9.0			

† WEIGHTS FOR #6 D1, #4 D2, AND #4 G1 BARS ARE ONLY FOR THE NEW HEADWALL AND CURTAIN WALL ON THE EXISTING 10' X 5' RCBC.



TYPICAL WING SECTION

PROJECT NO. R-5021  
 BRUNSWICK COUNTY  
 STATION: 64+15.00 -L-

SHEET 3 OF 4



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 WINGS FOR  
 CONCRETE BOX CULVERT  
 H = 5'-0" SLOPE = 3:1  
 90° SKEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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