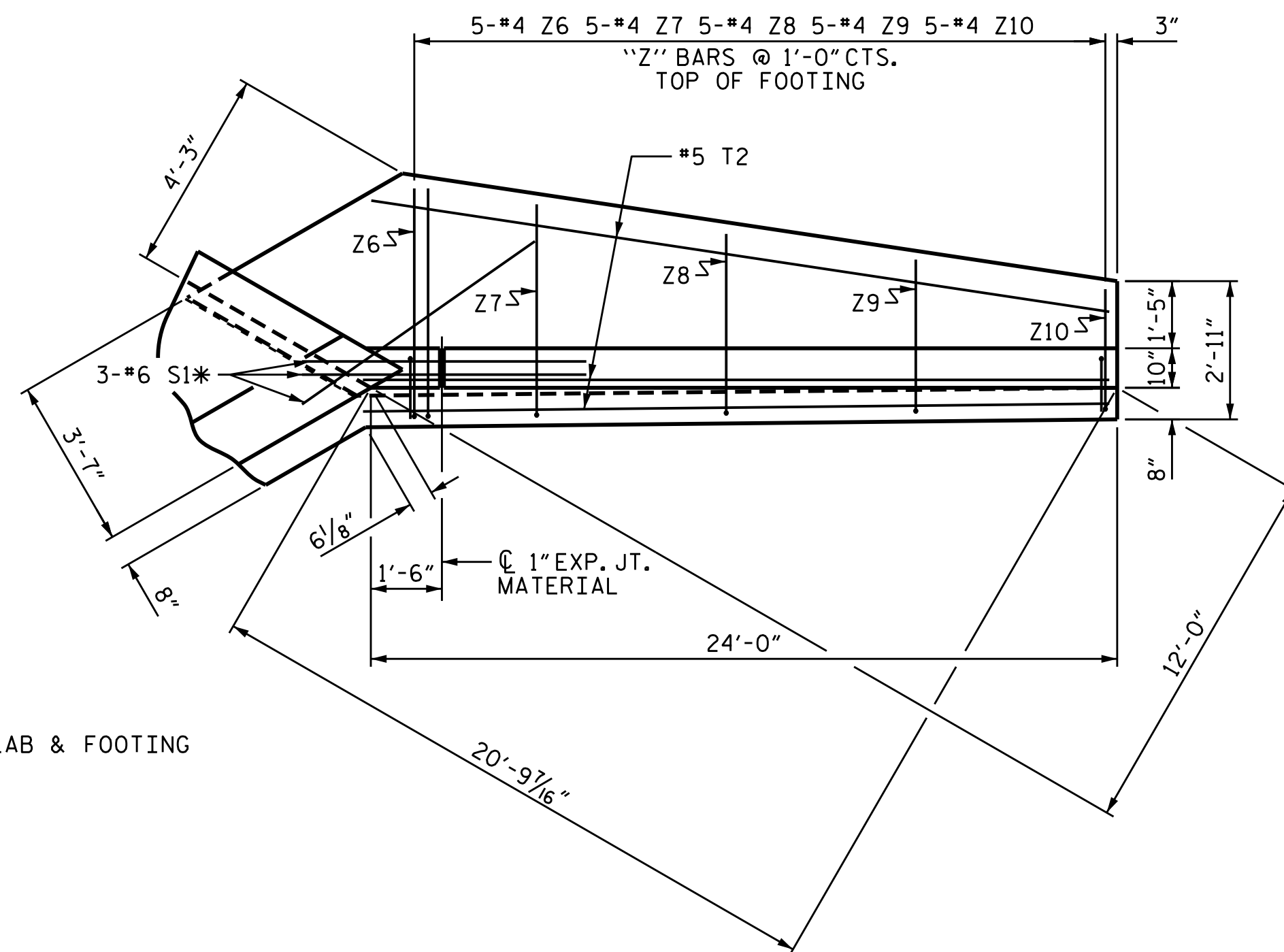
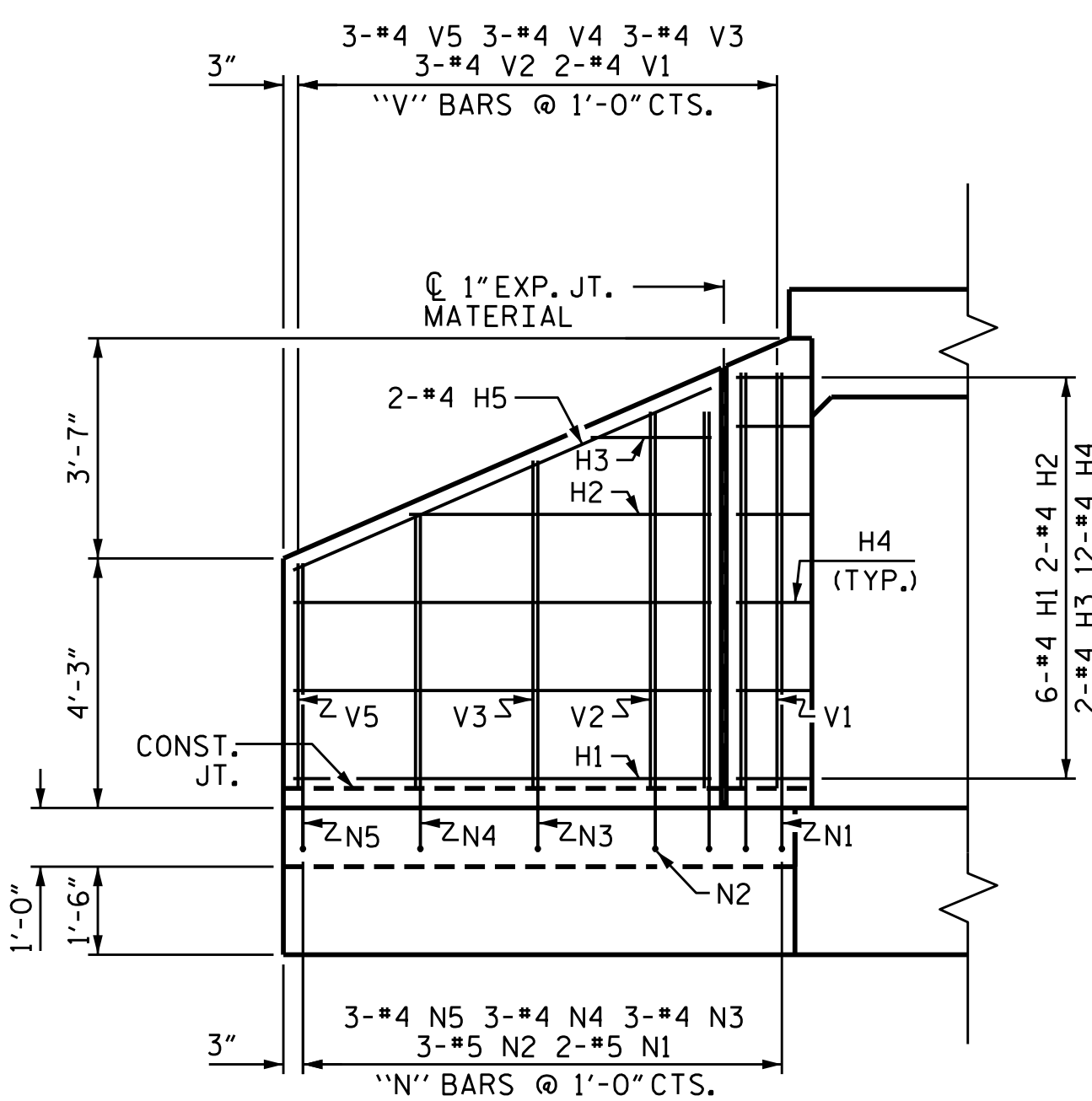


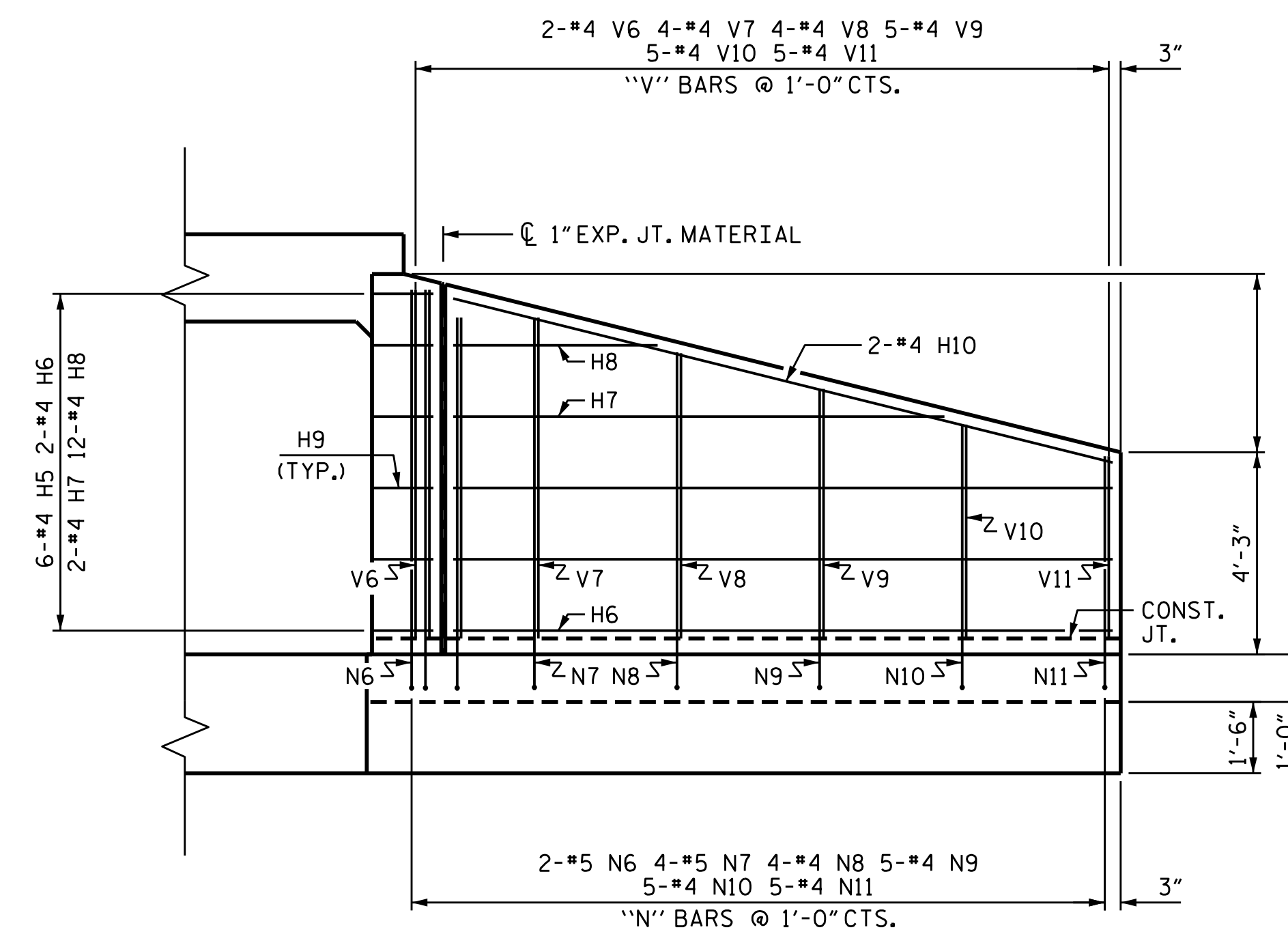
PLAN W2



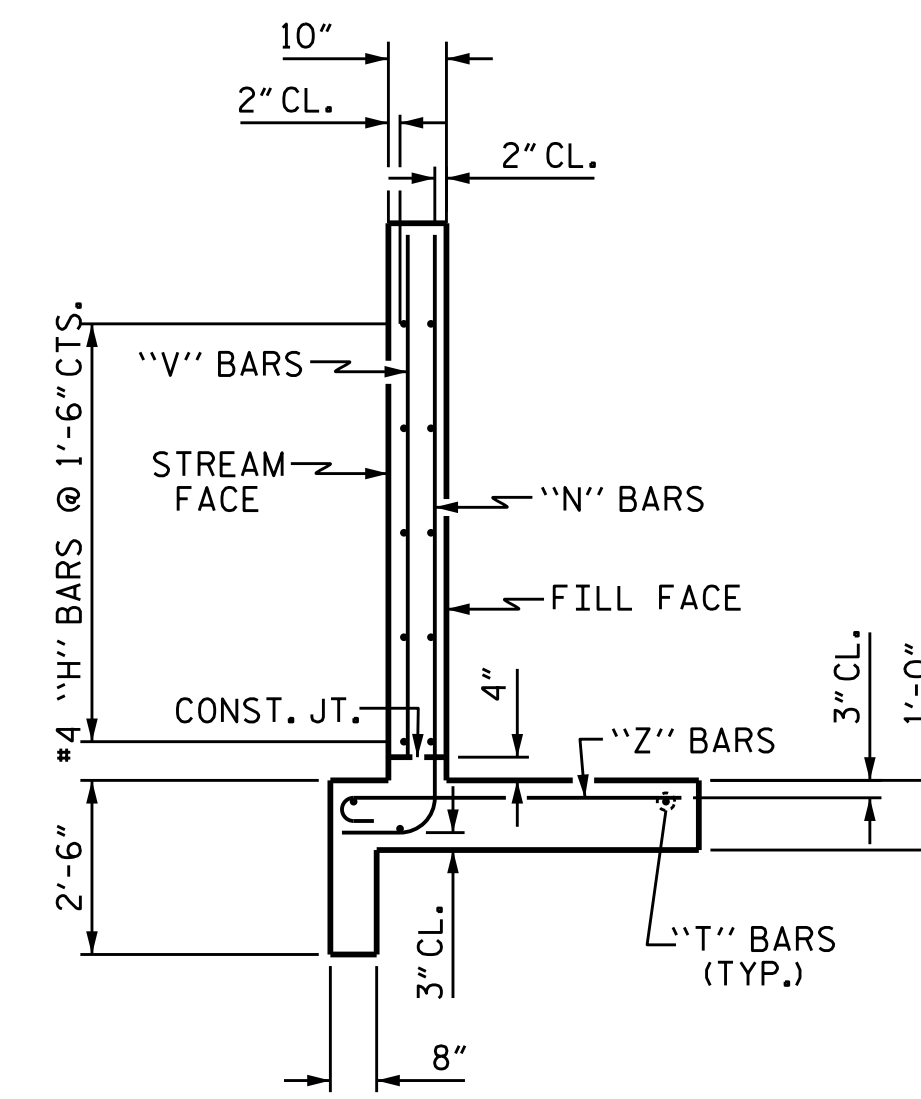
PLAN W1



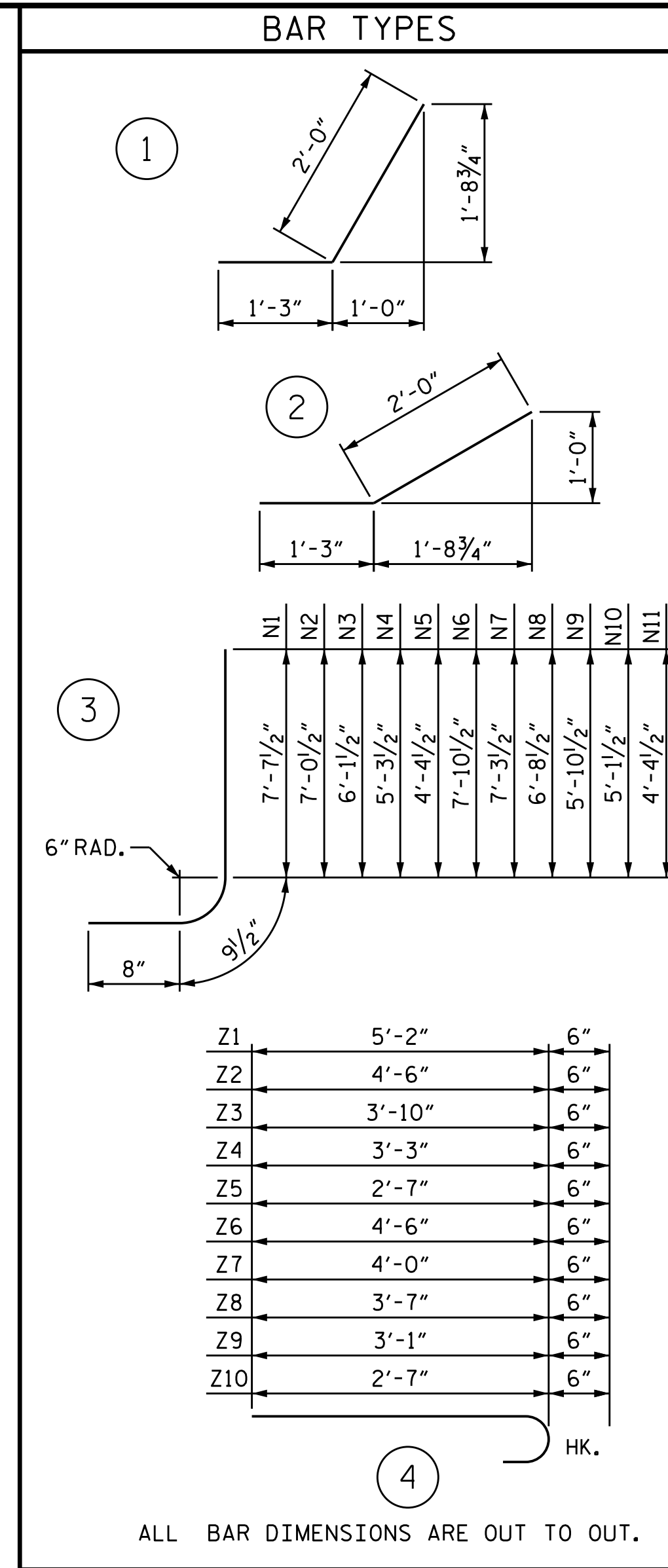
ELEVATION W2



ELEVATION W1



TYPICAL WING SECTION



ALL BAR DIMENSIONS ARE OUT TO OUT.

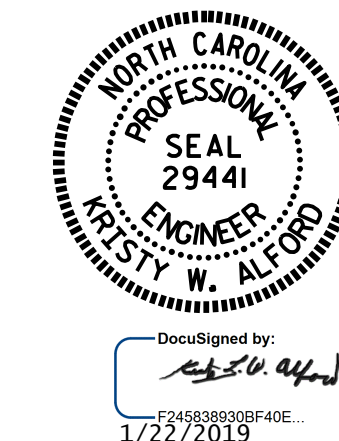
BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	11'-11"	96
H2	4	#4	STR	8'-6"	23
H3	4	#4	STR	3'-0"	8
H4	24	#4	1	3'-3"	52
H5	4	#4	STR	12'-3"	33
H6	12	#4	STR	22'-1"	177
H7	4	#4	STR	16'-3"	43
H8	4	#4	STR	6'-6"	17
H9	24	#4	2	3'-3"	52
H10	4	#4	STR	22'-3"	59
N1	4	#5	3	9'-1"	38
N2	6	#5	3	8'-6"	53
N3	6	#4	3	7'-7"	30
N4	6	#4	3	6'-9"	27
N5	6	#4	3	5'-10"	16
N6	4	#5	3	9'-4"	39
N7	8	#5	3	8'-9"	74
N8	8	#5	3	8'-2"	68
N9	10	#4	3	7'-4"	49
N10	10	#4	3	6'-7"	44
N11	10	#4	3	5'-10"	39
S1	12	#6	STR	6'-0"	108
T1	6	#5	STR	13'-9"	86
T2	6	#5	STR	24'-0"	150
V1	4	#4	STR	7'-0"	19
V2	6	#4	STR	6'-2"	25
V3	6	#4	STR	5'-5"	22
V4	6	#4	STR	4'-7"	18
V5	6	#4	STR	3'-10"	15
V6	4	#4	STR	7'-2"	19
V7	8	#4	STR	6'-8"	36
V8	8	#4	STR	6'-1"	33
V9	10	#4	STR	5'-3"	35
V10	10	#4	STR	4'-6"	30
V11	10	#4	STR	3'-9"	25
Z1	4	#4	4	5'-8"	15
Z2	6	#4	4	5'-0"	20
Z3	6	#4	4	4'-4"	17
Z4	6	#4	4	3'-9"	15
Z5	6	#4	4	3'-1"	12
Z6	10	#4	4	5'-0"	33
Z7	10	#4	4	4'-6"	30
Z8	10	#4	4	4'-1"	27
Z9	10	#4	4	3'-7"	24
Z10	10	#4	4	3'-1"	21

REINFORCING STEEL FOR 4 WINGS	1872 LBS
CLASS A CONCRETE	
4 WINGS	29.7 CY
2 HEADWALLS	1.7 CY
2 END CURTAIN WALLS	2.0 CY
4 SILLS	1.8 CY
TOTAL	35.2 CY

PROJECT NO. R-5021
 BRUNSWICK COUNTY
 STATION: 316+72.00 -L-

SHEET 4 OF 5

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
WINGS FOR CONCRETE BOX CULVERT
 H = 7'-0" SLOPE = 3:1
 60° SKEW



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

CUL 4

DRAWN BY: K. W. ALFORD DATE: 12/18
 CHECKED BY: O. T. NGUYEN DATE: 12/18
 DESIGN ENGINEER OF RECORD: K. W. ALFORD DATE: 12/18