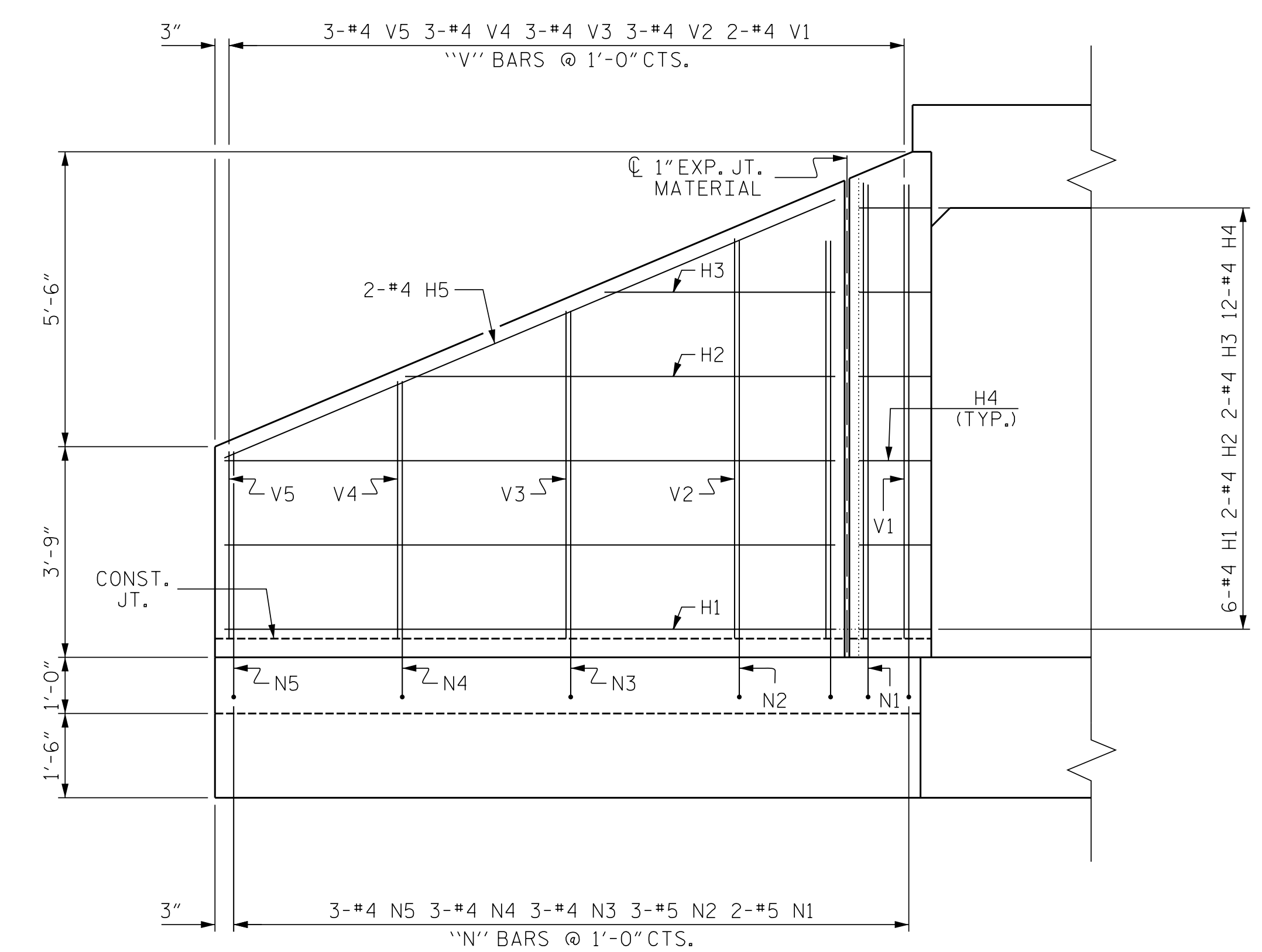
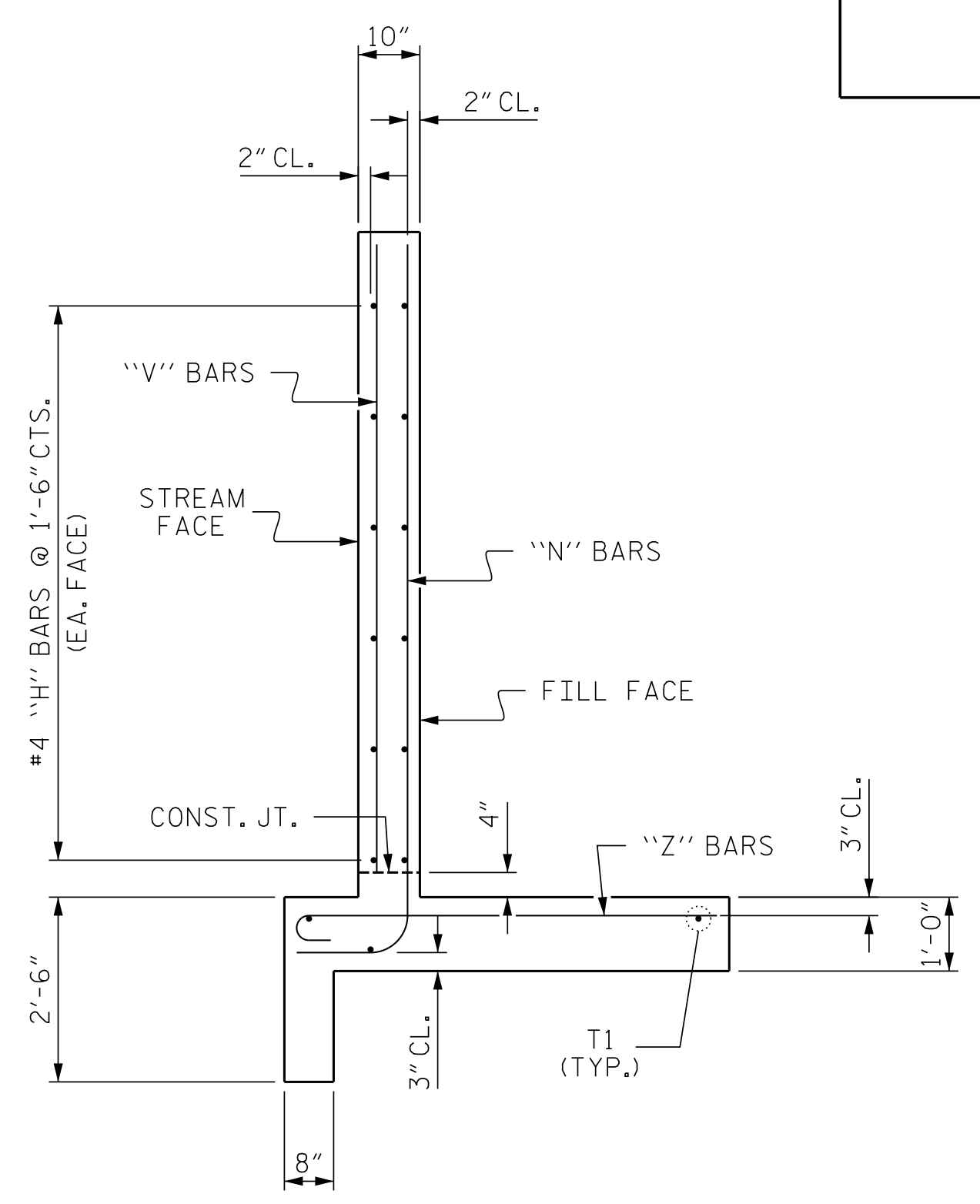


PLAN W3



ELEVATION W3



TYPICAL WING SECTION

**BAR TYPES**

ALL BAR DIMENSIONS ARE OUT TO OUT.

Z1	5'-5"	7"
Z2	4'-10"	7"
Z3	4'-1"	6"
Z4	3'-4"	6"
Z5	2'-7"	6"

**BILL OF MATERIAL**

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4 STR	10'-10"	87
H2	4	#4 STR	7'-8"	20
H3	4	#4 STR	4'-1"	11
H4	24	#4 1	3'-3"	52
H5	4	#4 STR	11'-9"	31
N1	4	#5 2	10'-2"	42
N2	6	#5 2	9'-2"	57
N3	6	#4 2	7'-11"	32
N4	6	#4 2	6'-7"	26
N5	6	#4 2	5'-4"	21
S1	6	#6 STR	6'-0"	54
T1	6	#5 STR	12'-9"	80
V1	4	#4 STR	8'-1"	22
V2	6	#4 STR	7'-1"	28
V3	6	#4 STR	5'-10"	23
V4	6	#4 STR	4'-7"	18
V5	6	#4 STR	3'-4"	13
Z1	4	#5 3	6'-0"	25
Z2	6	#5 3	5'-5"	34
Z3	6	#4 3	4'-7"	18
Z4	6	#4 3	3'-10"	15
Z5	6	#4 3	3'-1"	12

**REINFORCING STEEL FOR 2 WINGS** 721 LBS

**CLASS A CONCRETE**

2 WINGS	10.7	CY
1 HEADWALL	0.7	CY
1 END CURTAIN WALL	0.5	CY
2 EDGE BEAMS	1.2	CY
<b>TOTAL</b>	<b>13.1</b>	<b>CY</b>

ASSEMBLED BY : WDC DATE : 10-2017  
 CHECKED BY : RTS DATE : 11-2017  
 DRAWN BY : CCJ 10/99 REV. 6/19 MAA/THC  
 CHECKED BY : RWW 03/00

DocuSigned by:  
 Hardy Wells  
 0287FC6223461...  
 12/13/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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PROJECT NO. U-5738  
 ROWAN COUNTY  
 STATION: 41+20.00 -L-

SHEET 8 OF 9

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**STANDARD WINGS FOR CONCRETE BOX CULVERT**  
 H = 8'-0" SLOPE = 2:1  
 90° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-8
1			3			TOTAL SHEETS
2			4			9