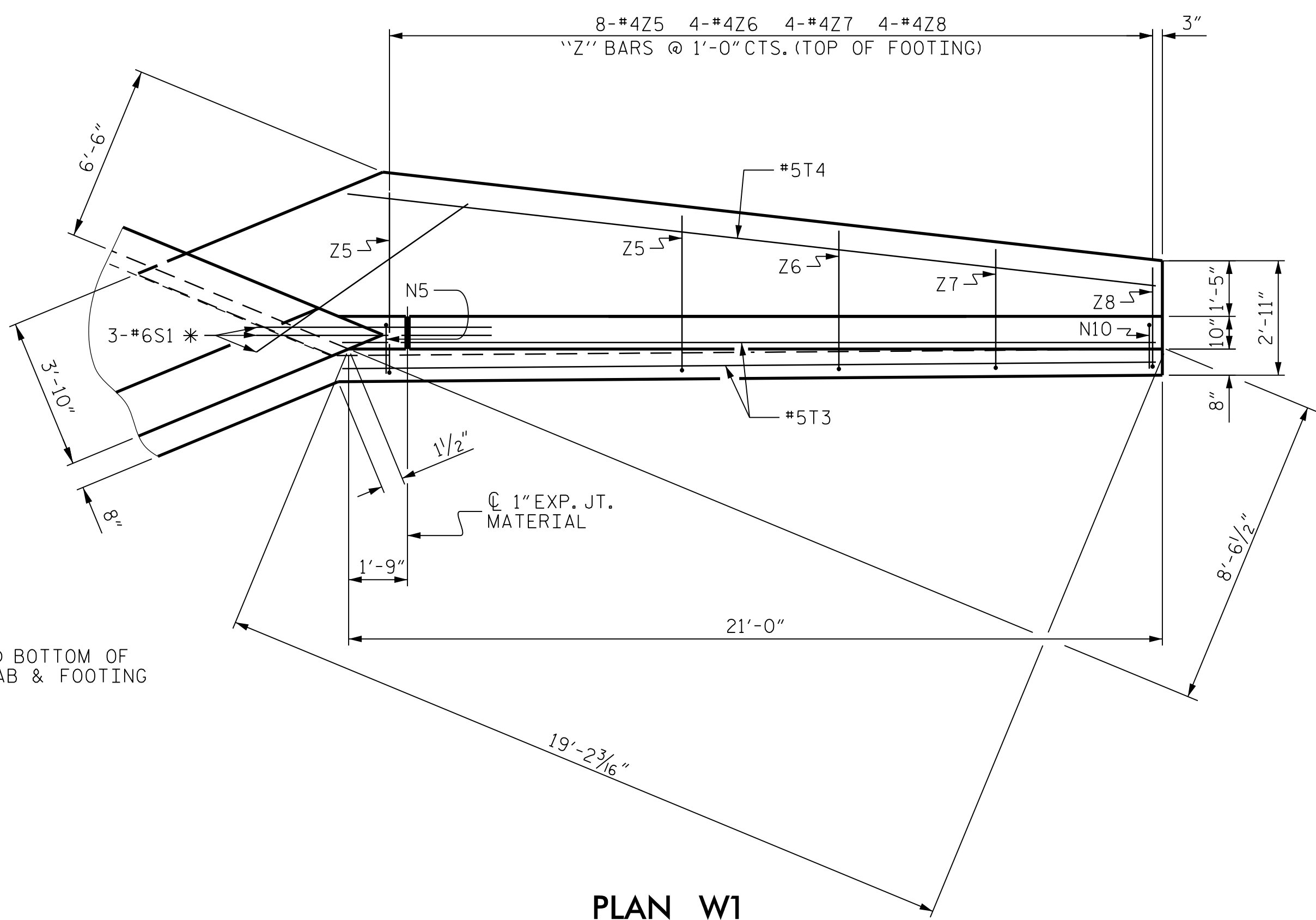
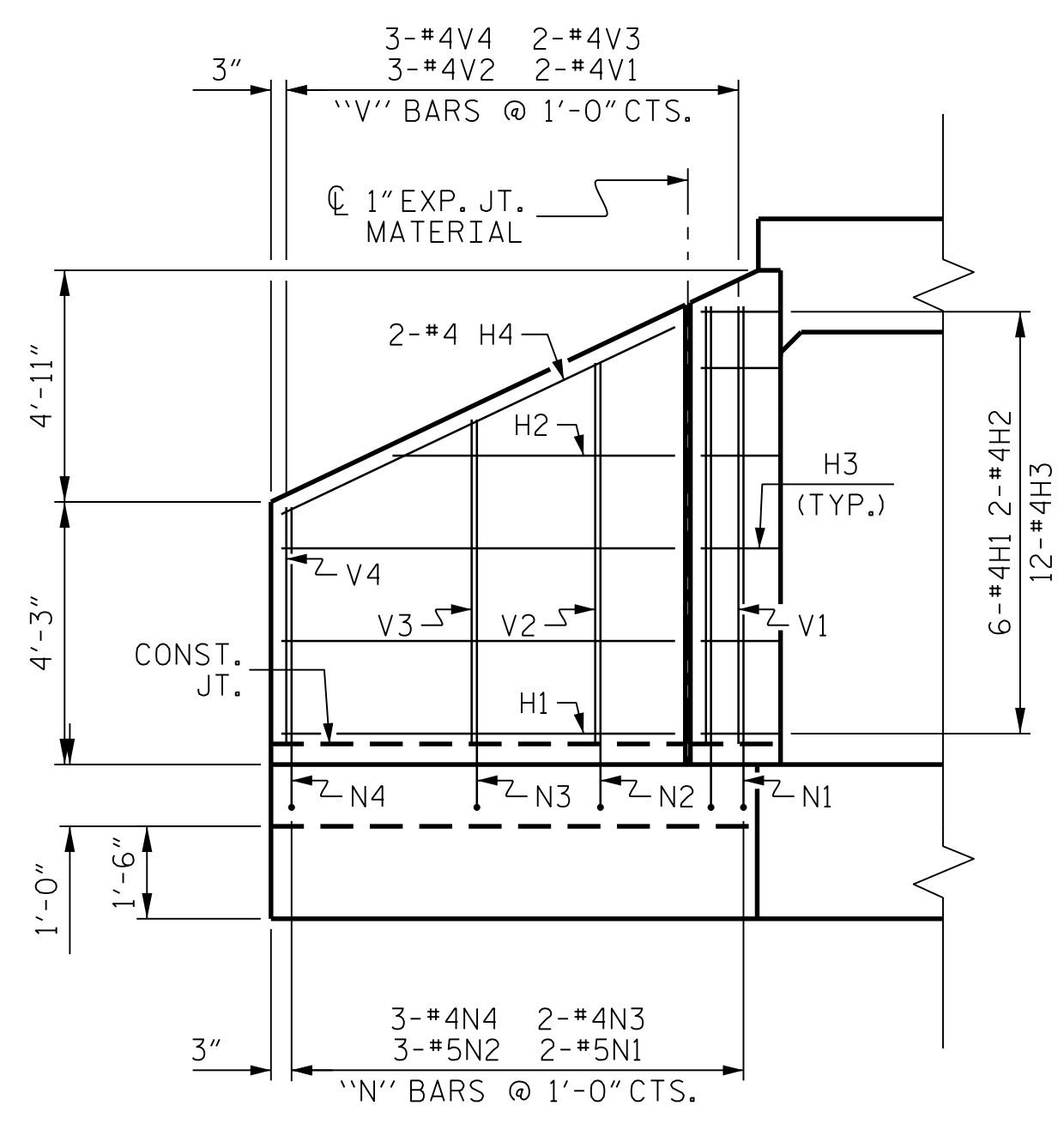


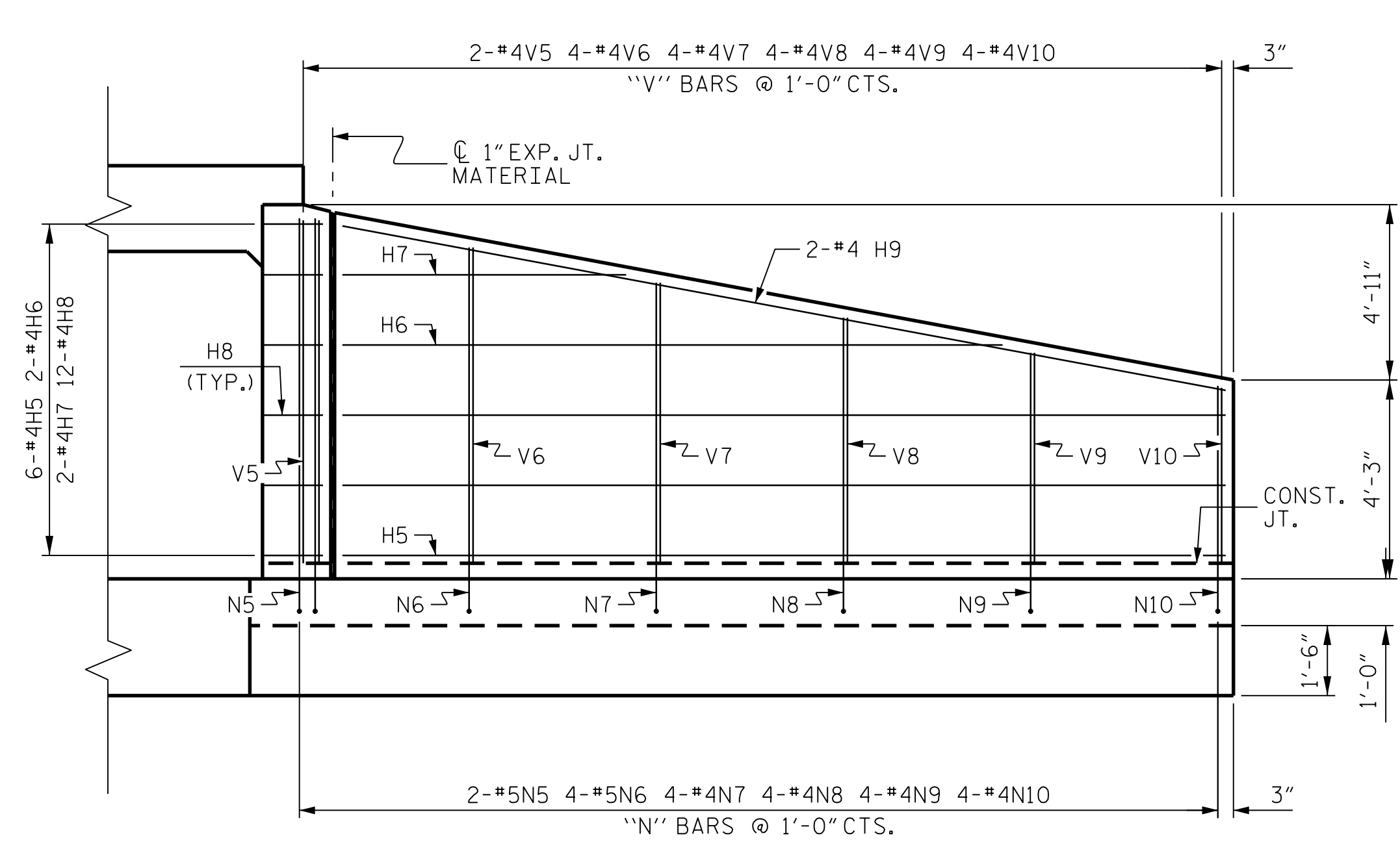
PLAN W2



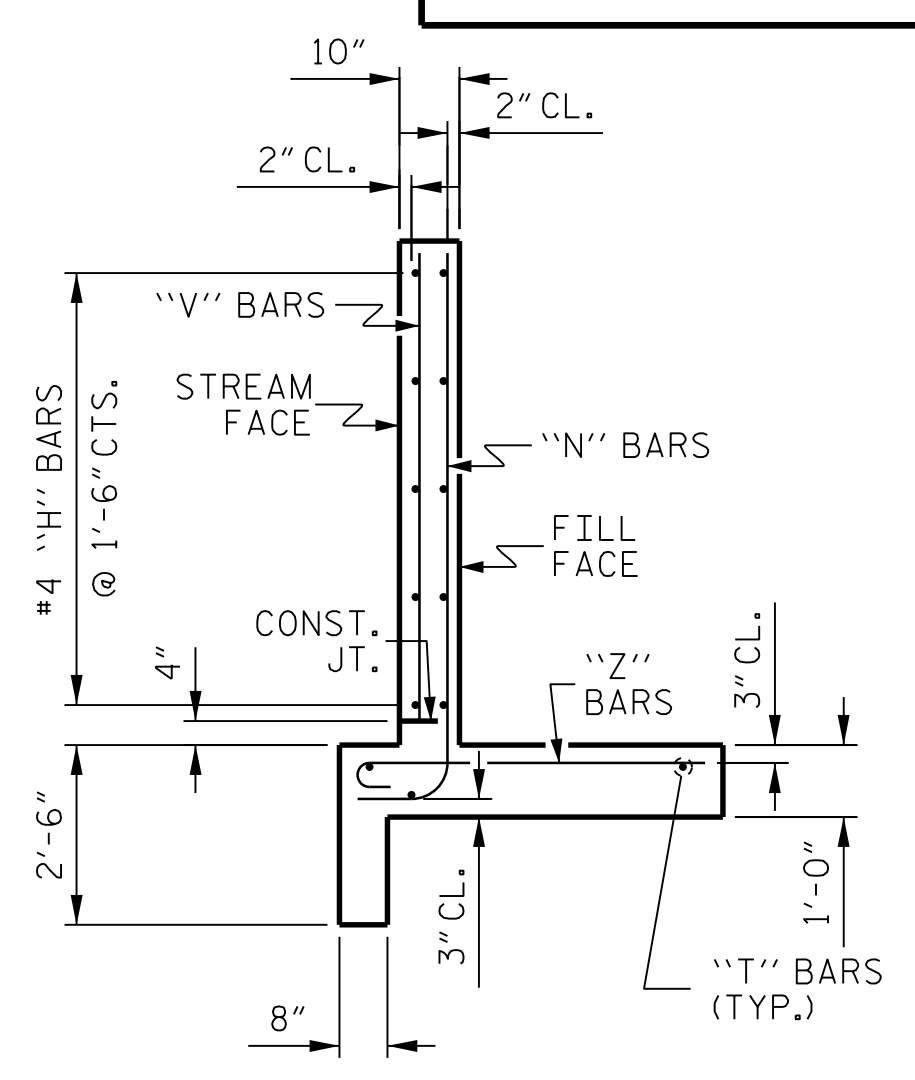
PLAN W1



ELEVATION W2



ELEVATION W1



TYPICAL WING SECTION

**BAR TYPES**

ALL BAR DIMENSIONS ARE OUT TO OUT.

①

②

③

④

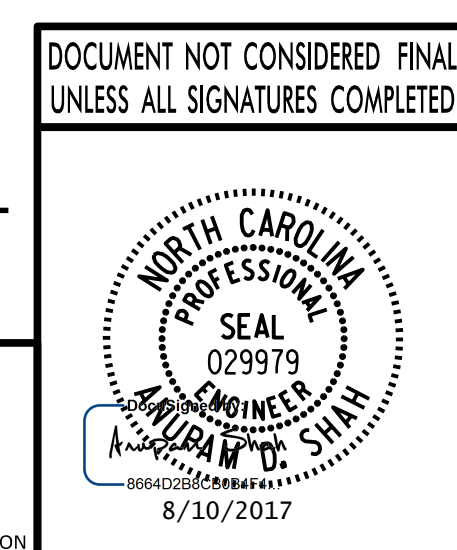
BILL OF MATERIAL					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	12	#4	STR	7'-1"	57
H2	4	#4	STR	4'-1"	11
H3	24	#4	STR	3'-3"	52
H4	4	#4	STR	8'-1"	22
H5	12	#4	STR	19'-1"	153
H6	4	#4	STR	12'-0"	32
H7	4	#4	STR	4'-6"	12
H8	24	#4	2	3'-3"	52
H9	4	#4	STR	19'-7"	52
N1	4	#5	3	9'-11"	41
N2	6	#5	3	8'-8"	54
N3	4	#4	3	7'-7"	20
N4	6	#4	3	5'-10"	23
N5	4	#5	3	10'-5"	44
N6	8	#5	3	9'-7"	80
N7	8	#4	3	8'-7"	46
N8	8	#4	3	7'-8"	41
N9	8	#4	3	6'-8"	36
N10	8	#4	3	5'-10"	31
S1	12	#6	STR	6'-0"	108
T1	4	#5	STR	8'-6"	36
T2	2	#5	STR	9'-10"	21
T3	6	#5	STR	19'-1"	119
T4	2	#5	STR	18'-1"	38
V1	4	#4	STR	7'-11"	21
V2	6	#4	STR	6'-7"	26
V3	4	#4	STR	5'-6"	15
V4	6	#4	STR	3'-9"	15
V5	4	#4	STR	8'-4"	22
V6	8	#4	STR	7'-6"	40
V7	8	#4	STR	6'-7"	35
V8	8	#4	STR	5'-8"	30
V9	8	#4	STR	4'-8"	25
V10	8	#4	STR	3'-9"	20
Z1	4	#4	4	5'-7"	15
Z2	4	#4	4	4'-11"	13
Z3	4	#4	4	4'-3"	11
Z4	6	#4	4	3'-2"	13
Z5	16	#4	4	5'-3"	56
Z6	8	#4	4	4'-7"	25
Z7	8	#4	4	3'-10"	21
Z8	8	#4	4	3'-1"	17
REINFORCING STEEL FOR 4 WINGS					1,601 LBS.
CLASS A CONCRETE					
4 WINGS					25.4 C.Y.
2 HEADWALLS					3.1 C.Y.
2 END CURTAIN WALLS					3.6 C.Y.
TOTAL					32.1 C.Y.

PROJECT NO. **I-4729A**  
**POLK** COUNTY  
 STATION: **16+47.10 -RP F-**

SHEET 5 OF 6

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**WINGS FOR CONCRETE BOX CULVERT**  
 H = 7'-0" SLOPE = 2:1  
 135° SKEW



PLANS PREPARED BY:  
**PARSONS**  
 5540 CenterView Drive, Suite 217  
 Raleigh, NC 27606-3386  
 NC LICENSE No. F-0246

DRAWN BY :	T. DETMERS	DATE :	7-17
CHECKED BY :	D. WHONG	DATE :	7-17
DESIGN ENGINEER :	S. T. PHAN	DATE :	7-17

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

TOTAL SHEETS: 6

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