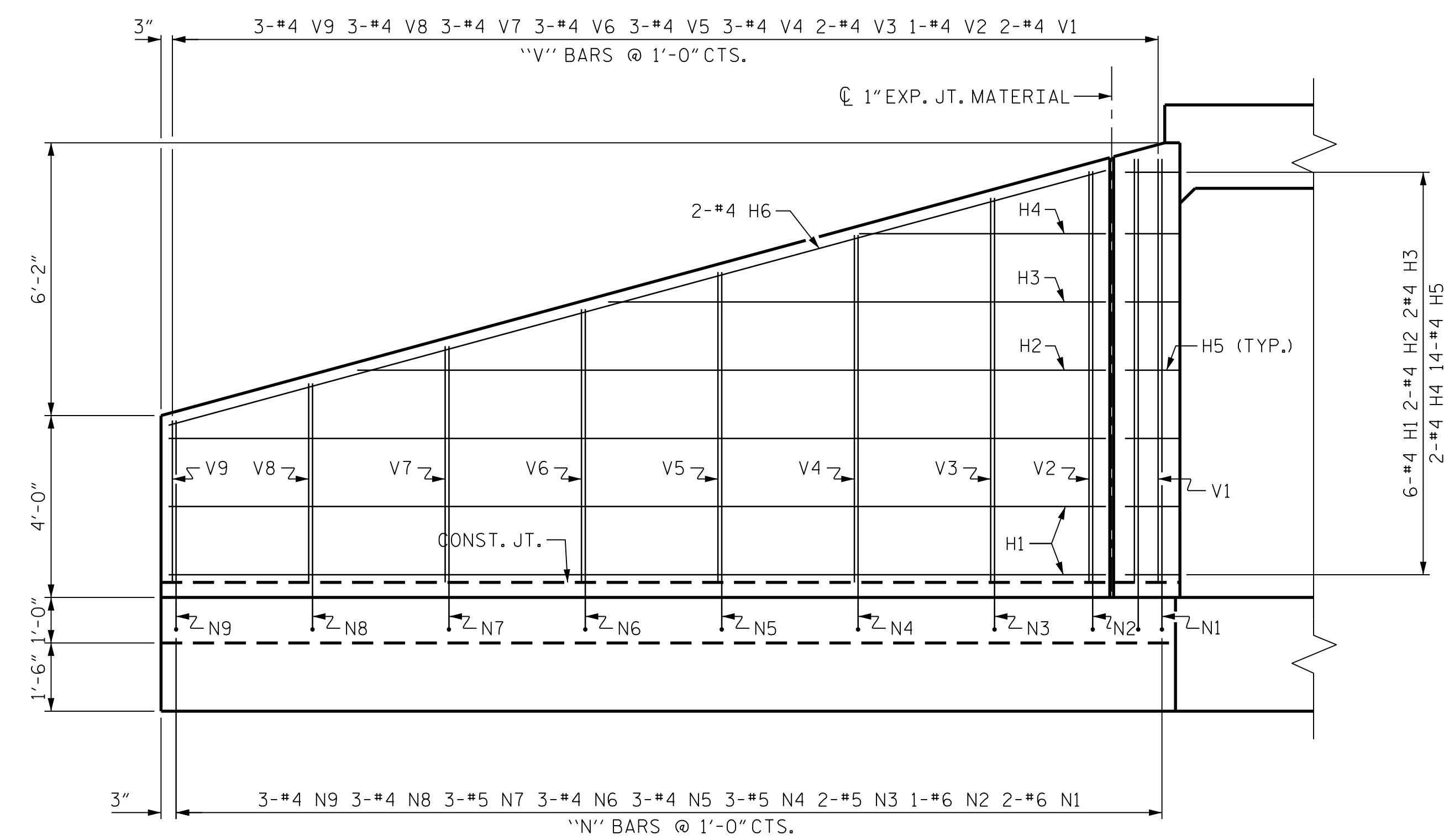
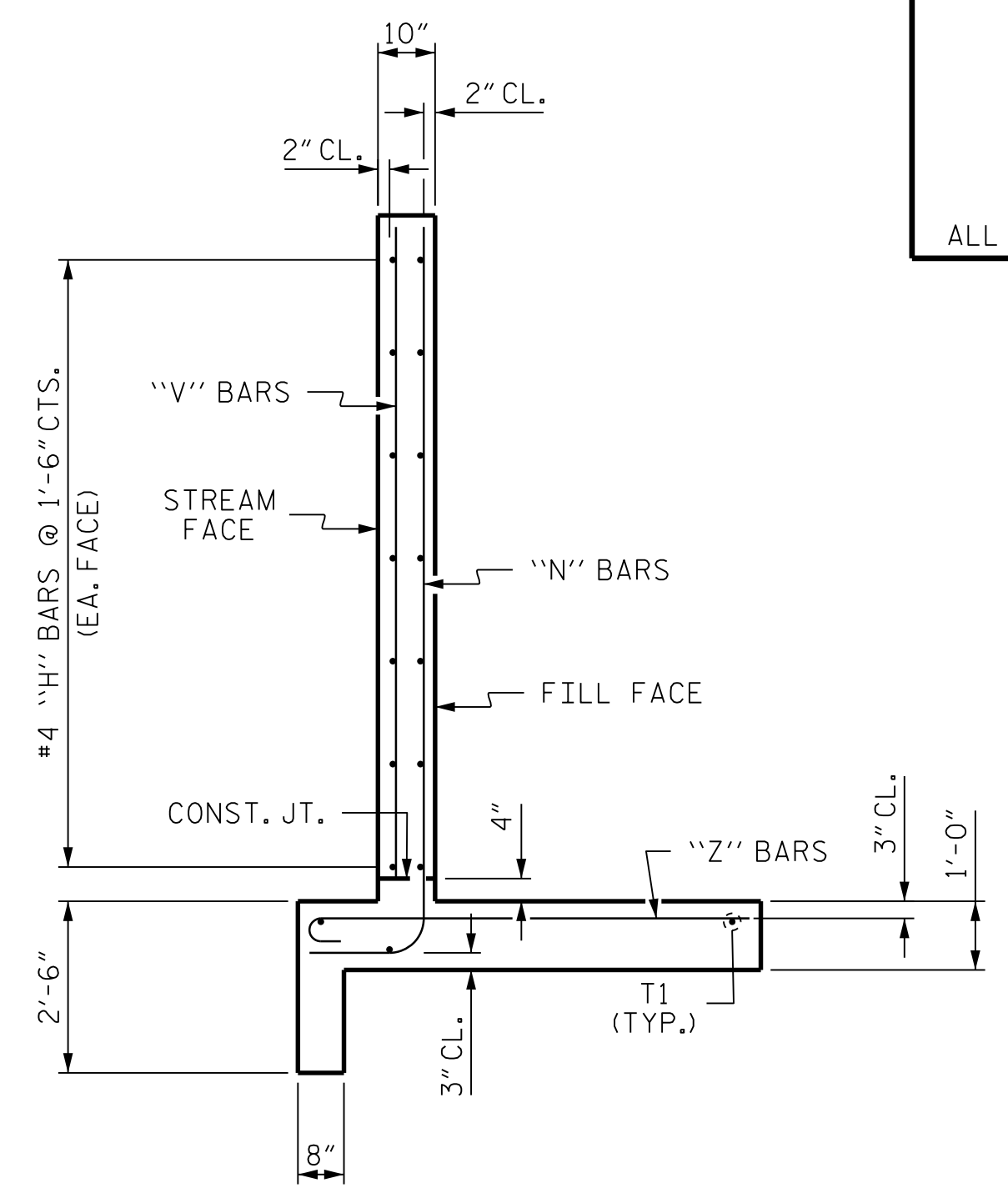


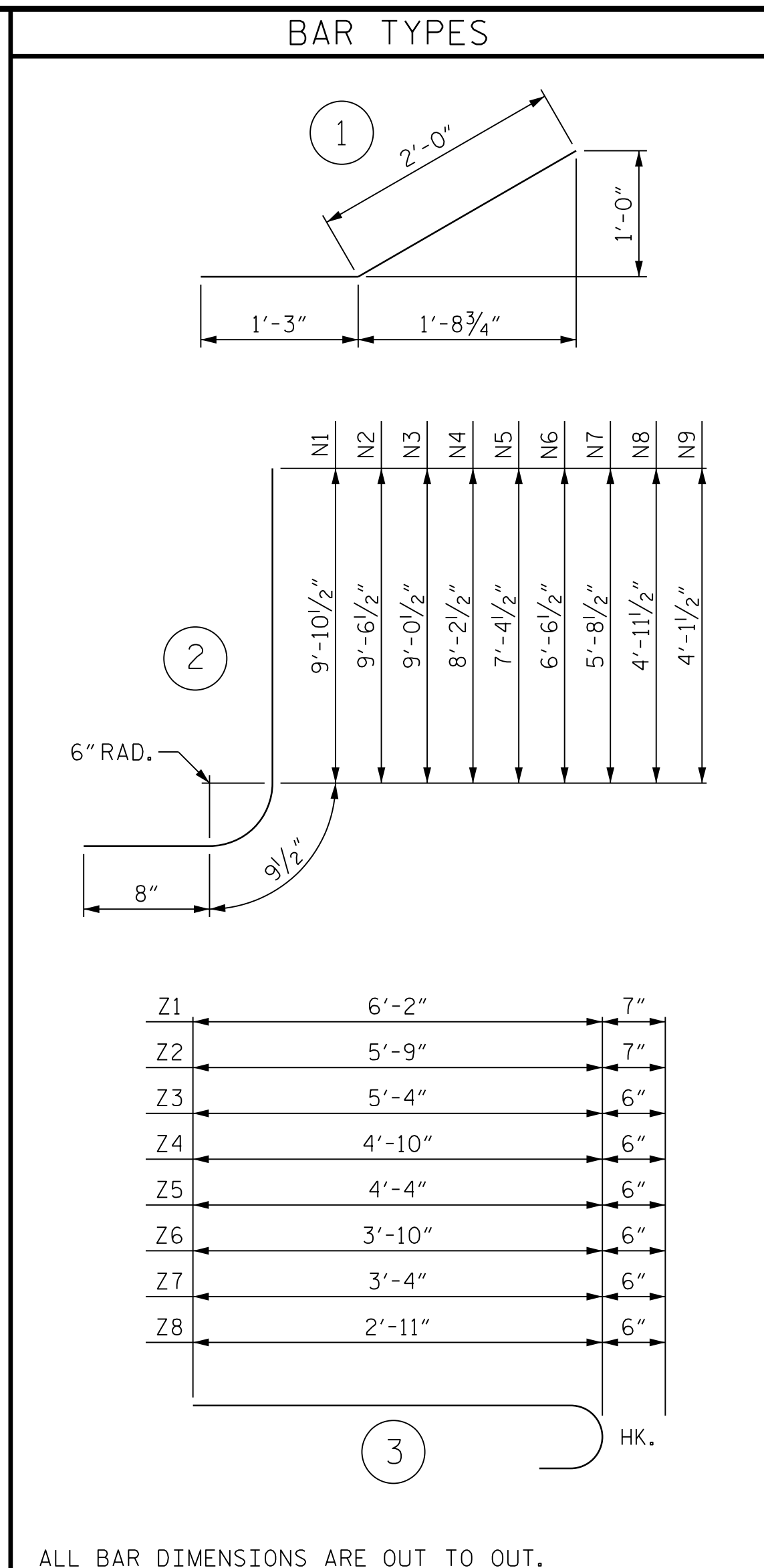
PLAN



ELEVATION



TYPICAL WING SECTION



Z1	6'-2"	7"
Z2	5'-9"	7"
Z3	5'-4"	6"
Z4	4'-10"	6"
Z5	4'-4"	6"
Z6	3'-10"	6"
Z7	3'-4"	6"
Z8	2'-11"	6"

BAR TYPES				BILL OF MATERIAL		
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	24	#4	STR	20'-7"	330	
H2	8	#4	STR	16'-6"	88	
H3	8	#4	STR	10'-11"	58	
H4	8	#4	STR	5'-5"	29	
H5	56	#4	1	3'-3"	122	
H6	8	#4	STR	21'-4"	114	
N1	8	#6	2	11'-4"	136	
N2	4	#6	2	11'-0"	66	
N3	12	#5	2	10'-6"	88	
N4	12	#5	2	9'-8"	121	
N5	12	#4	2	8'-10"	111	
N6	12	#4	2	8'-0"	64	
N7	12	#5	2	7'-2"	57	
N8	12	#4	2	6'-5"	51	
N9	12	#4	2	5'-7"	45	
S1	12	#6	STR	6'-0"	108	
T1	12	#5	STR	22'-4"	280	
V1	8	#4	STR	9'-4"	50	
V2	4	#4	STR	9'-0"	24	
V3	12	#4	STR	8'-6"	45	
V4	12	#4	STR	7'-8"	61	
V5	12	#4	STR	6'-10"	55	
V6	12	#4	STR	6'-0"	48	
V7	12	#4	STR	5'-2"	41	
V8	12	#4	STR	4'-5"	35	
V9	12	#4	STR	3'-7"	29	
Z1	12	#5	3	6'-9"	84	
Z2	8	#5	3	6'-4"	53	
Z3	12	#4	3	5'-10"	47	
Z4	12	#4	3	5'-4"	43	
Z5	12	#4	3	4'-10"	39	
Z6	12	#4	3	4'-4"	35	
Z7	12	#4	3	3'-10"	31	
Z8	12	#4	3	3'-5"	27	
REINFORCING STEEL FOR 4 WINGS					2,616 LBS	
CLASS A CONCRETE						
4 WINGS					38.9 CY	
2 HEADWALLS					1.7 CY	
2 END CURTAIN WALLS					1.8 CY	
TOTAL					42.4 CY	

PROJECT NO. I-5987A
ROBESON COUNTY
 STATION: 366+29.00 -L-

SHEET 7 OF 8

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
WINGS FOR CONCRETE BOX CULVERT
 H = 9'-0" SLOPE = 3:1
 90° SKEW

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CDM Smith
 CDM SMITH
 5400 Glenwood Avenue, Suite 400
 Raleigh, NC 27612-3228
 NC COA No. F-1255



DRAWN BY: JJR DATE: 9/21
 CHECKED BY: THF DATE: 12/21
 DESIGN ENGINEER: VDK DATE: 12/21
 DWG. No.

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