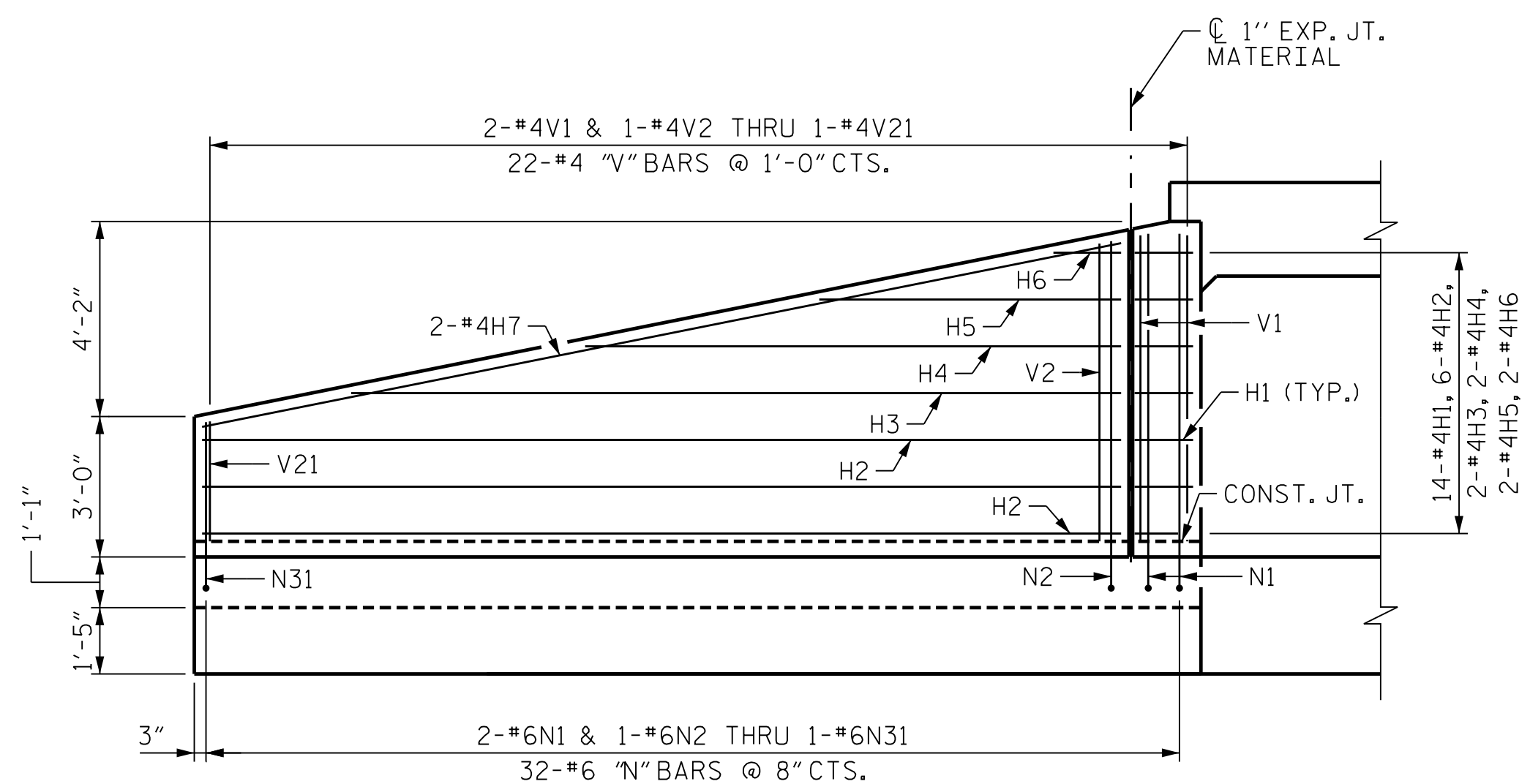
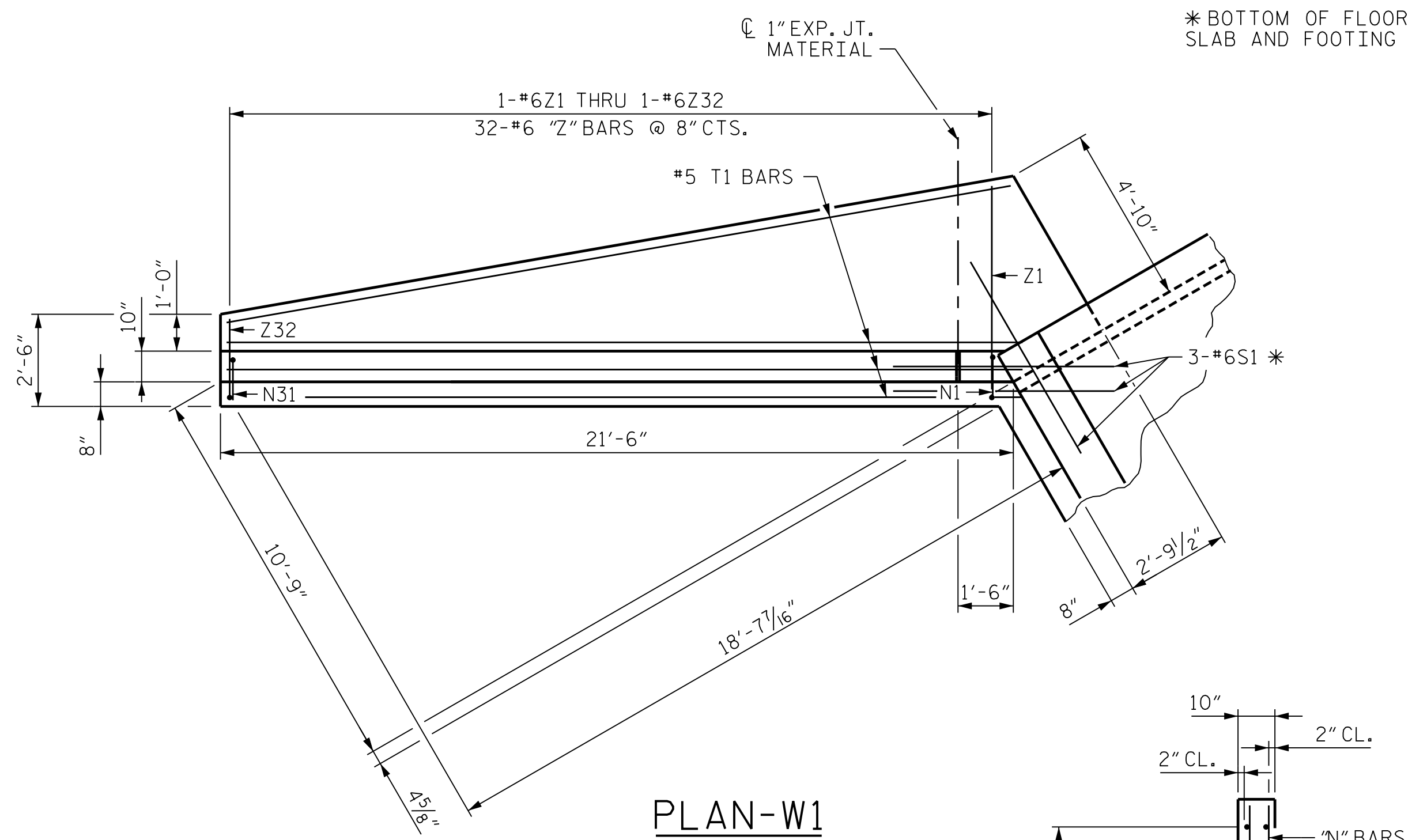


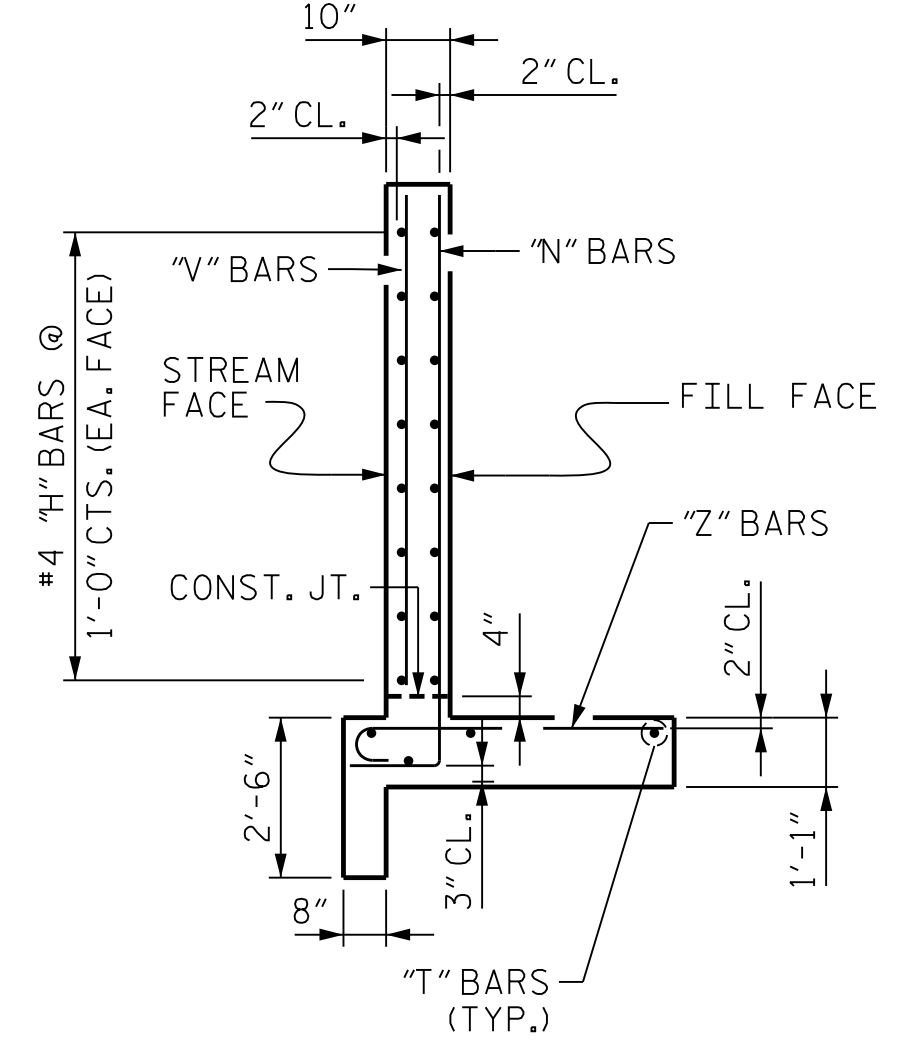
PLOT DRIVER: NCDOT... PENTABLE: NCDOT STRUCTURES DEFAULT (PEN.tbl) USER: PPEIERSO DATE: 10/11/2021 TIME: 8:11:40 AM FILE: ... \WINGWALL VIEWS



ELEVATION-W1



PLAN-W1

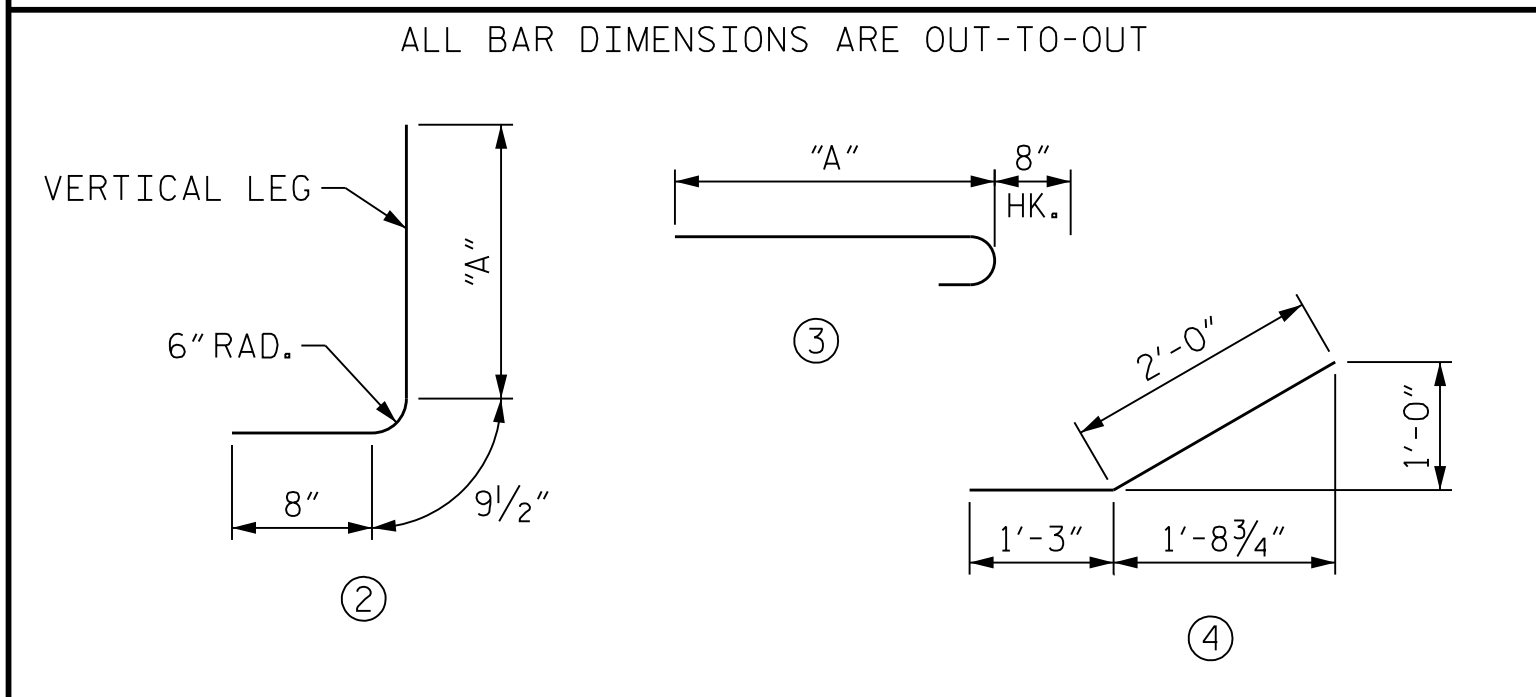


TYPICAL WING SECTION

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	TYPE	DIM "A"	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	DIM "A"	LENGTH	WEIGHT
H1	56	# 4	4	-	3' - 3"	122	V1	8	# 4	STR	-	6' - 6"	35
H2	24	# 4	STR	-	19' - 7"	314	V2	4	# 4	STR	-	6' - 4"	17
H3	8	# 4	STR	-	16' - 5"	88	V3	4	# 4	STR	-	6' - 2"	16
H4	8	# 4	STR	-	11' - 5"	61	V4	4	# 4	STR	-	5' - 11"	16
H5	8	# 4	STR	-	6' - 5"	34	V5	4	# 4	STR	-	5' - 9"	15
H6	8	# 4	STR	-	1' - 5"	8	V6	4	# 4	STR	-	5' - 7"	15
H7	8	# 4	STR	-	20' - 0"	107	V7	4	# 4	STR	-	5' - 4"	14
							V8	4	# 4	STR	-	5' - 2"	14
N1	8	# 6	2	7' - 0 1/2"	8' - 6"	103	V9	4	# 4	STR	-	4' - 11"	13
N2	4	# 6	2	6' - 10 1/2"	8' - 4"	50	V10	4	# 4	STR	-	4' - 9"	13
N3	4	# 6	2	6' - 9 1/2"	8' - 3"	49	V11	4	# 4	STR	-	4' - 7"	12
N4	4	# 6	2	6' - 7 1/2"	8' - 1"	49	V12	4	# 4	STR	-	4' - 4"	12
N5	4	# 6	2	6' - 5 1/2"	7' - 11"	48	V13	4	# 4	STR	-	4' - 2"	11
N6	4	# 6	2	6' - 4 1/2"	7' - 10"	47	V14	4	# 4	STR	-	3' - 11"	11
N7	4	# 6	2	6' - 2 1/2"	7' - 8"	46	V15	4	# 4	STR	-	3' - 9"	10
N8	4	# 6	2	6' - 1 1/2"	7' - 7"	45	V16	4	# 4	STR	-	3' - 7"	10
N9	4	# 6	2	5' - 11 1/2"	7' - 5"	45	V17	4	# 4	STR	-	3' - 4"	9
N10	4	# 6	2	5' - 9 1/2"	7' - 3"	44	V18	4	# 4	STR	-	3' - 2"	8
N11	4	# 6	2	5' - 8 1/2"	7' - 2"	43	V19	4	# 4	STR	-	2' - 11"	8
N12	4	# 6	2	5' - 6 1/2"	7' - 0"	42	V20	4	# 4	STR	-	2' - 9"	7
N13	4	# 6	2	5' - 5 1/2"	6' - 11"	41	V21	4	# 4	STR	-	2' - 7"	7
N14	4	# 6	2	5' - 3 1/2"	6' - 9"	41							
N15	4	# 6	2	5' - 1 1/2"	6' - 7"	40	Z1	4	# 6	3	5' - 9"	6' - 5"	39
N16	4	# 6	2	5' - 0 1/2"	6' - 6"	39	Z2	4	# 6	3	5' - 7"	6' - 3"	38
N17	4	# 6	2	4' - 10 1/2"	6' - 4"	38	Z3	4	# 6	3	5' - 6"	6' - 2"	37
N18	4	# 6	2	4' - 9 1/2"	6' - 3"	37	Z4	4	# 6	3	5' - 4"	6' - 0"	36
N19	4	# 6	2	4' - 7 1/2"	6' - 1"	37	Z5	4	# 6	3	5' - 3"	5' - 11"	36
N20	4	# 6	2	4' - 5 1/2"	5' - 11"	36	Z6	4	# 6	3	5' - 2"	5' - 10"	35
N21	4	# 6	2	4' - 4 1/2"	5' - 10"	35	Z7	4	# 6	3	5' - 0"	5' - 8"	34
N22	4	# 6	2	4' - 2 1/2"	5' - 8"	34	Z8	4	# 6	3	4' - 11"	5' - 7"	34
N23	4	# 6	2	4' - 1 1/2"	5' - 7"	33	Z9	4	# 6	3	4' - 9"	5' - 5"	33
N24	4	# 6	2	3' - 11 1/2"	5' - 5"	33	Z10	4	# 6	3	4' - 8"	5' - 4"	32
N25	4	# 6	2	3' - 9 1/2"	5' - 3"	32	Z11	4	# 6	3	4' - 7"	5' - 3"	31
N26	4	# 6	2	3' - 8 1/2"	5' - 2"	31	Z12	4	# 6	3	4' - 5"	5' - 1"	31
N27	4	# 6	2	3' - 6 1/2"	5' - 0"	30	Z13	4	# 6	3	4' - 4"	5' - 0"	30
N28	4	# 6	2	3' - 5 1/2"	4' - 11"	29	Z14	4	# 6	3	4' - 2"	4' - 10"	29
N29	4	# 6	2	3' - 3 1/2"	4' - 9"	29	Z15	4	# 6	3	4' - 1"	4' - 9"	29
N30	4	# 6	2	3' - 1 1/2"	4' - 7"	28	Z16	4	# 6	3	4' - 0"	4' - 8"	28
N31	4	# 6	2	3' - 0 1/2"	4' - 6"	27	Z17	4	# 6	3	3' - 10"	4' - 6"	27
							Z18	4	# 6	3	3' - 9"	4' - 5"	27
S1	12	# 6	STR	-	6' - 0"	108	Z19	4	# 6	3	3' - 8"	4' - 4"	26
							Z20	4	# 6	3	3' - 6"	4' - 2"	25
T1	16	# 5	STR	-	21' - 7"	360	Z21	4	# 6	3	3' - 5"	4' - 1"	25
							Z22	4	# 6	3	3' - 3"	3' - 11"	24
							Z23	4	# 6	3	3' - 2"	3' - 10"	23
							Z24	4	# 6	3	3' - 1"	3' - 9"	23
							Z25	4	# 6	3	2' - 11"	3' - 7"	22
							Z26	4	# 6	3	2' - 10"	3' - 6"	21
							Z27	4	# 6	3	2' - 8"	3' - 4"	20
							Z28	4	# 6	3	2' - 7"	3' - 3"	20
							Z29	4	# 6	3	2' - 6"	3' - 2"	19
							Z30	4	# 6	3	2' - 4"	3' - 0"	18
							Z31	4	# 6	3	2' - 3"	2' - 11"	18
							Z32	4	# 6	3	2' - 1"	2' - 9"	17

BAR TYPES



QUANTITIES	
REINFORCING STEEL FOR 4 WINGS	3623 LBS.
CLASS A CONCRETE	
4 WINGS	32.7 C.Y.
2 HEADWALL	0.6 C.Y.
2 END CURTAIN WALL	0.5 C.Y.
TOTAL	33.8 C.Y.

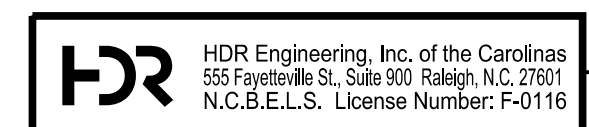
PROJECT NO. U-2579AB
 FORSYTH COUNTY
 STATION: 43+66.60 -Y15FLYCA-
 SHEET 4 OF 5



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WINGS FOR CONCRETE BOX CULVERT
 90° SKEW

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

DES BY: T. MCALEENAN	DATE: 10/19	DWG BY: T. MCALEENAN	DATE: 10/19
DES CHK: R. TURNAGE	DATE: 10/19	CHK BY: R. TURNAGE	DATE: 10/19



10/11/2021
 DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SHEET NO. C3-4
 TOTAL SHEETS 5