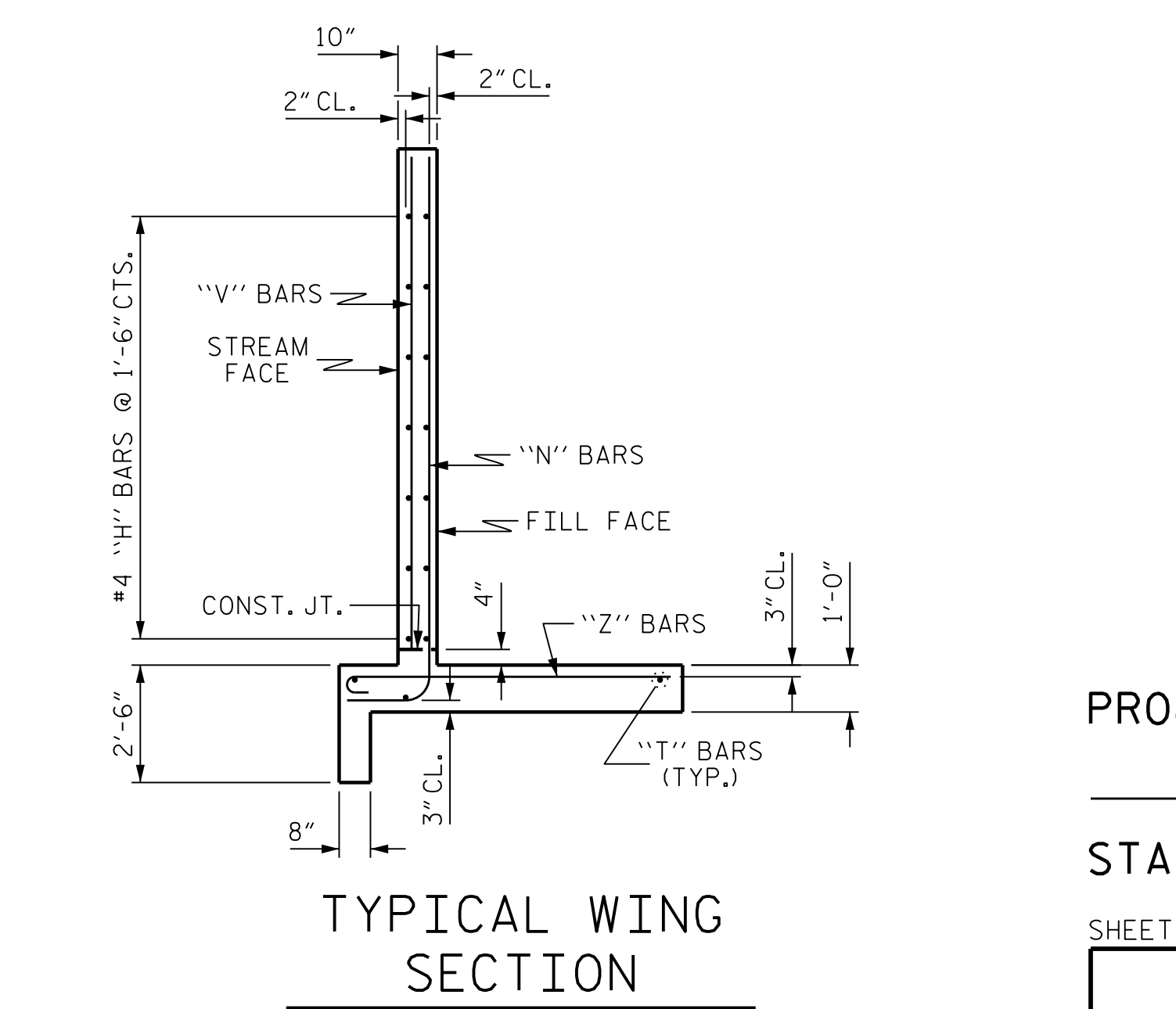
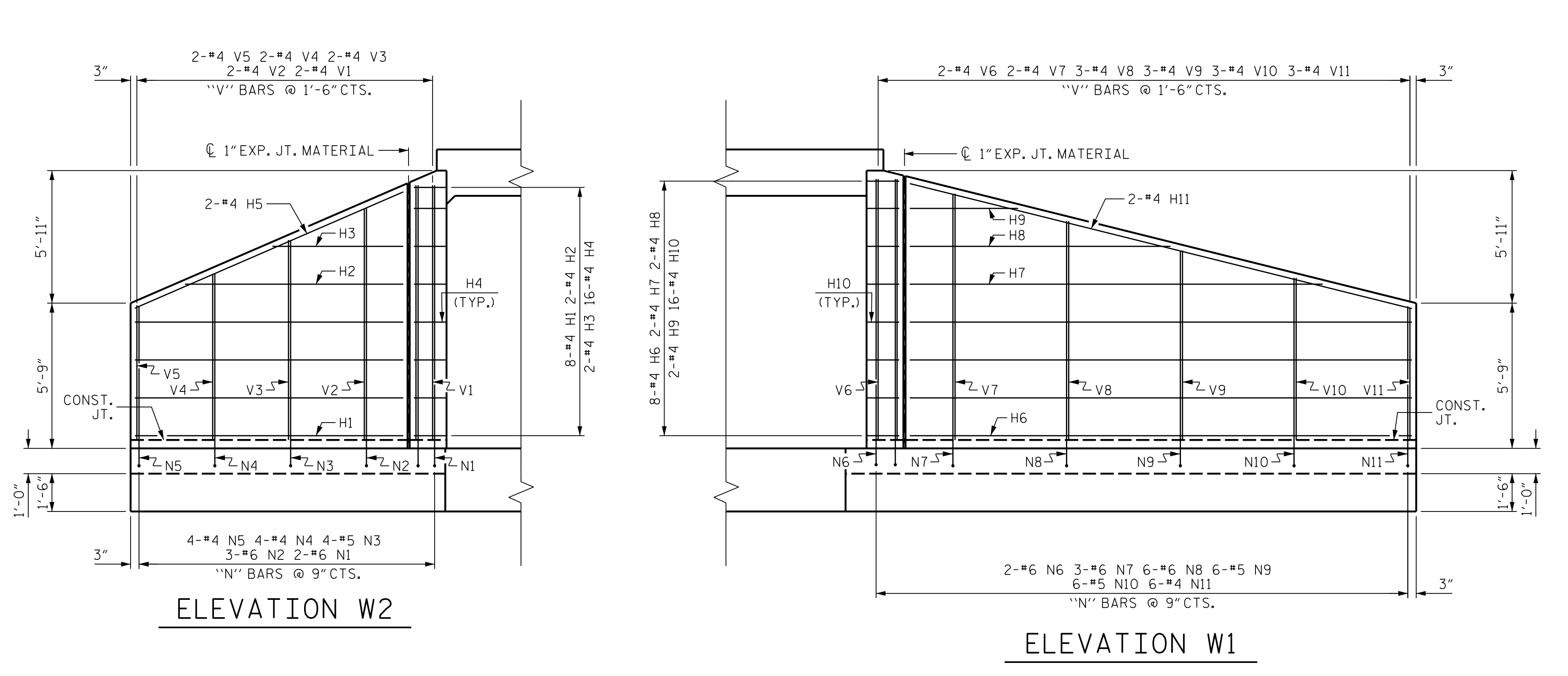


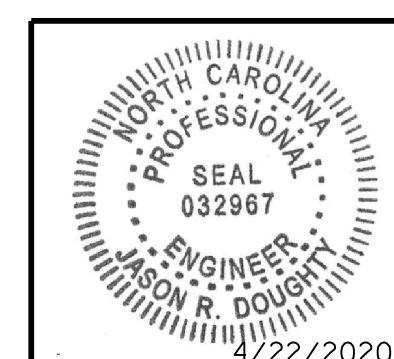
BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	16	#4	STR	10'-7"	113
H2	4	#4	STR	8'-7"	23
H3	4	#4	STR	5'-2"	14
H4	32	#4	1	3'-3"	69
H5	4	#4	STR	11'-7"	31
H6	16	#4	STR	19'-10"	212
H7	4	#4	STR	16'-4"	44
H8	4	#4	STR	10'-3"	27
H9	4	#4	STR	4'-3"	11
H10	32	#4	2	3'-3"	69
H11	4	#4	STR	20'-5"	55
N1	4	#6	3	12'-10"	77
N2	6	#6	3	11'-10"	107
N3	8	#5	3	10'-4"	86
N4	8	#4	3	8'-11"	48
N5	8	#4	3	7'-4"	39
N6	4	#6	3	13'-0"	78
N7	6	#6	3	12'-4"	111
N8	12	#6	3	11'-1"	200
N9	12	#5	3	9'-10"	123
N10	12	#5	3	8'-7"	107
N11	12	#4	3	7'-4"	59
S1	12	#6	STR	6'-0"	108
T1	6	#5	STR	12'-6"	78
T2	6	#5	STR	21'-9"	136
V1	4	#4	STR	10'-9"	29
V2	4	#4	STR	9'-9"	26
V3	4	#4	STR	8'-3"	22
V4	4	#4	STR	6'-10"	18
V5	4	#4	STR	5'-4"	14
V6	4	#4	STR	11'-0"	29
V7	4	#4	STR	10'-4"	28
V8	6	#4	STR	9'-1"	36
V9	6	#4	STR	7'-10"	31
V10	6	#4	STR	6'-7"	26
V11	6	#4	STR	5'-3"	21
Z1	4	#6	4	7'-2"	43
Z2	6	#5	4	6'-5"	40
Z3	8	#5	4	5'-5"	45
Z4	8	#5	4	4'-5"	37
Z5	8	#4	4	3'-4"	18
Z6	4	#6	4	7'-4"	44
Z7	6	#6	4	6'-11"	62
Z8	12	#6	4	6'-1"	110
Z9	12	#5	4	5'-2"	65
Z10	12	#4	4	4'-2"	33
Z11	12	#4	4	3'-4"	27
REINFORCING STEEL FOR 4 WINGS					2829 LBS
CLASS A CONCRETE					
4 WINGS					37.0 CY
2 HEADWALLS					3.6 CY
2 END CURTAIN WALLS					3.6 CY
TOTAL					44.2 CY



PROJECT NO. R-2233BB
RUTHERFORD COUNTY
 STATION: 874+45.00 -L3-
 SHEET 4 OF 5



333 FAYETTEVILLE STREET, SUITE 500
 RALEIGH, NC 27601
 NC LICENSE NO. C-2979



DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD WINGS FOR CONCRETE BOX CULVERT
 H = 10'-0" SLOPE = 2:1
 120° SKEW

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

SHEET NO. **C3-4**
 TOTAL SHEETS **5**

DESIGNED BY: J. BORUTA DATE: MAY 2019
 DRAWN BY: K. WHITE DATE: MAY 2019
 CHECKED BY: B. LOFLIN DATE: MAY 2019
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: NOV 2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
 Jason R. Doughty
 5F73FA2DEA874E...