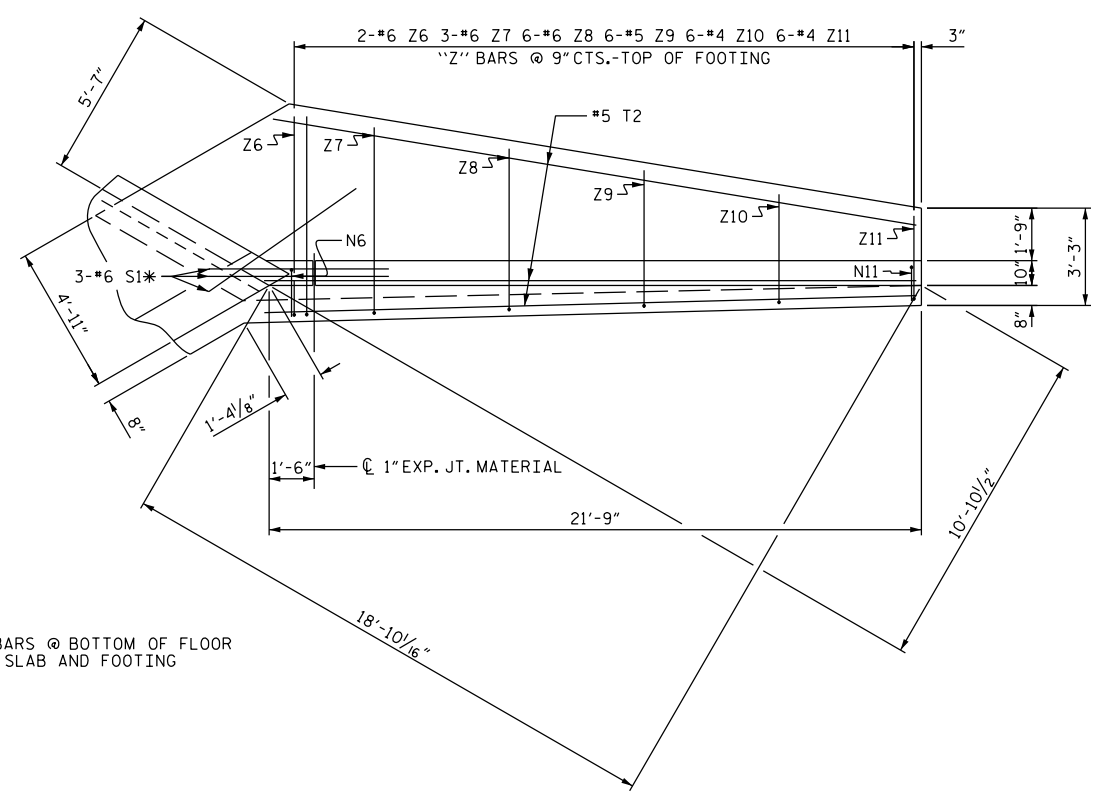
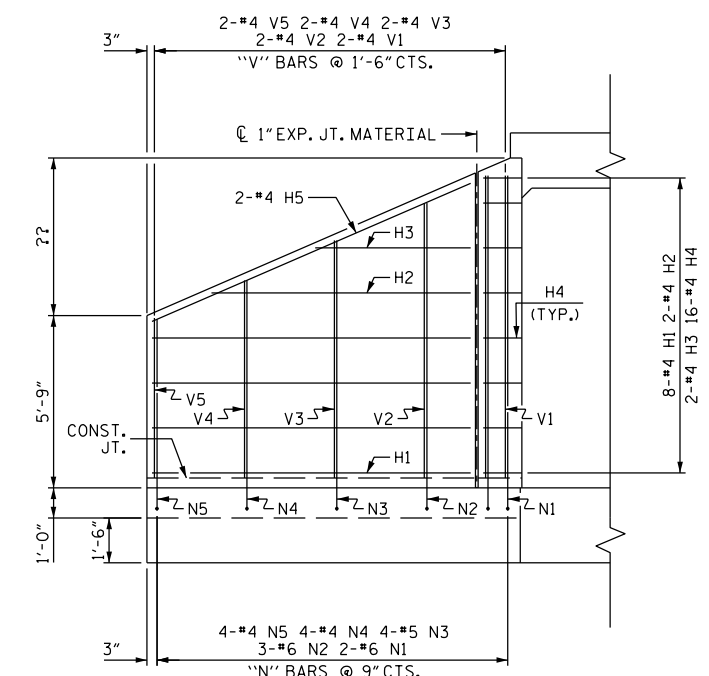


PLAN W2

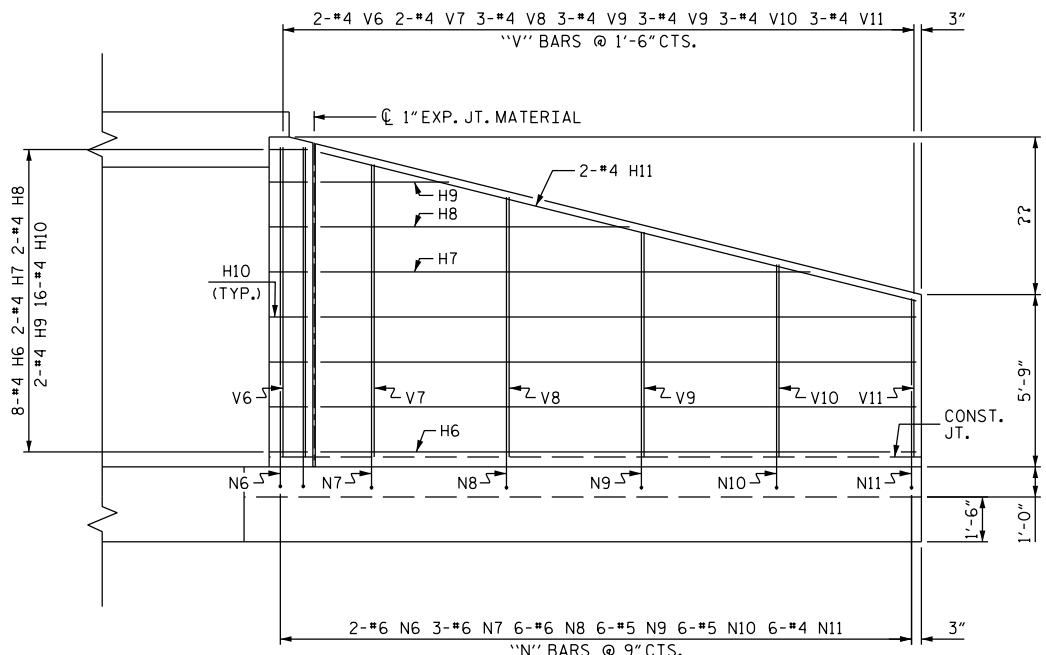


PLAN W1

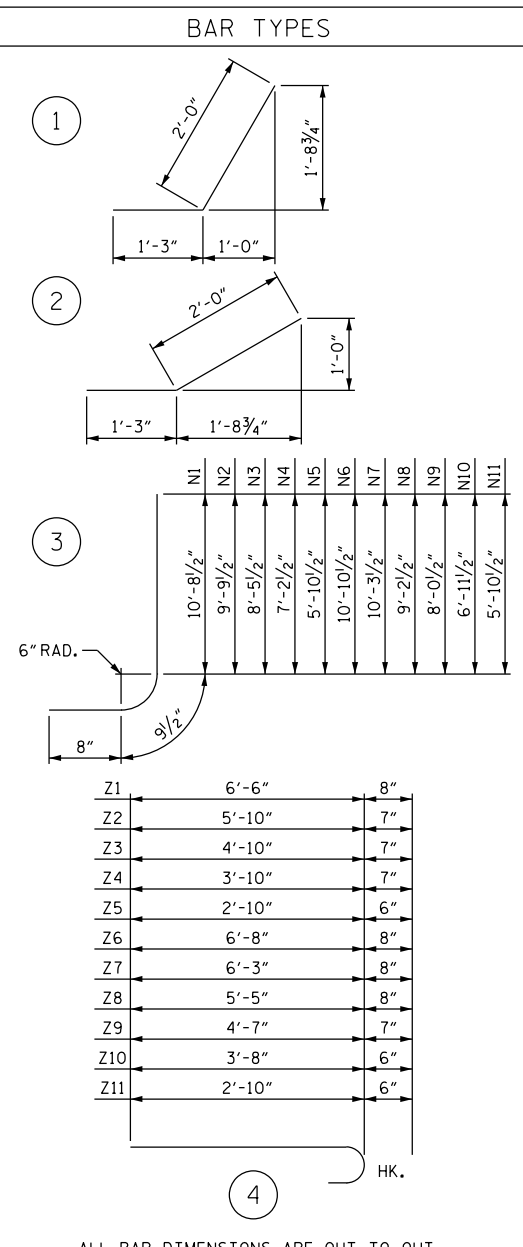
\* S1 BARS @ BOTTOM OF FLOOR SLAB AND FOOTING



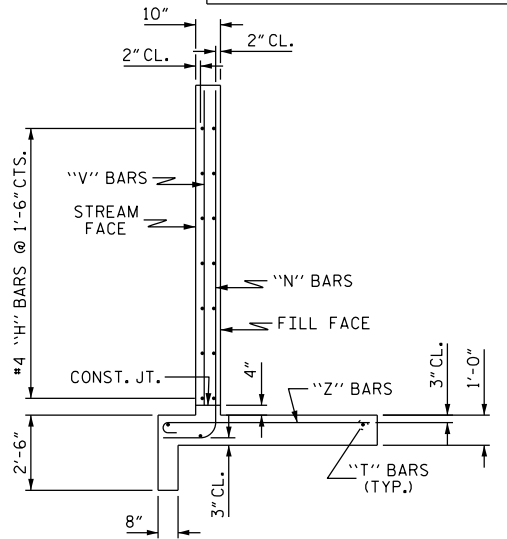
ELEVATION W2



ELEVATION W1



ALL BAR DIMENSIONS ARE OUT TO OUT.



TYPICAL WING SECTION

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'-2"	73
N2	6	#6	3	11'-3"	101
N3	8	#5	3	9'-11"	83
N4	8	#4	3	8'-8"	46
N5	8	#4	3	7'-4"	39
N6	4	#6	3	12'-4"	74
N7	6	#6	3	11'-9"	106
N8	12	#6	3	10'-8"	192
N9	12	#5	3	9'-6"	119
N10	12	#5	3	8'-5"	105
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
Z1	4	#4	STR	10'-1"	27
Z2	4	#4	STR	9'-2"	24
Z3	4	#4	STR	7'-11"	21
Z4	4	#4	STR	6'-7"	18
Z5	4	#4	STR	5'-4"	14
Z6	4	#4	STR	10'-4"	28
Z7	4	#4	STR	9'-9"	26
Z8	6	#4	STR	8'-8"	35
Z9	6	#4	STR	7'-6"	30
Z10	6	#4	STR	6'-5"	26
Z11	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	2781 LBS
CLASS A CONCRETE	
4 WINGS	36.0 CY
2 HEADWALLS	CY
2 END CURTAIN WALLS	CY
TOTAL	CY

PROJECT NO. \_\_\_\_\_ COUNTY \_\_\_\_\_

STATION: \_\_\_\_\_

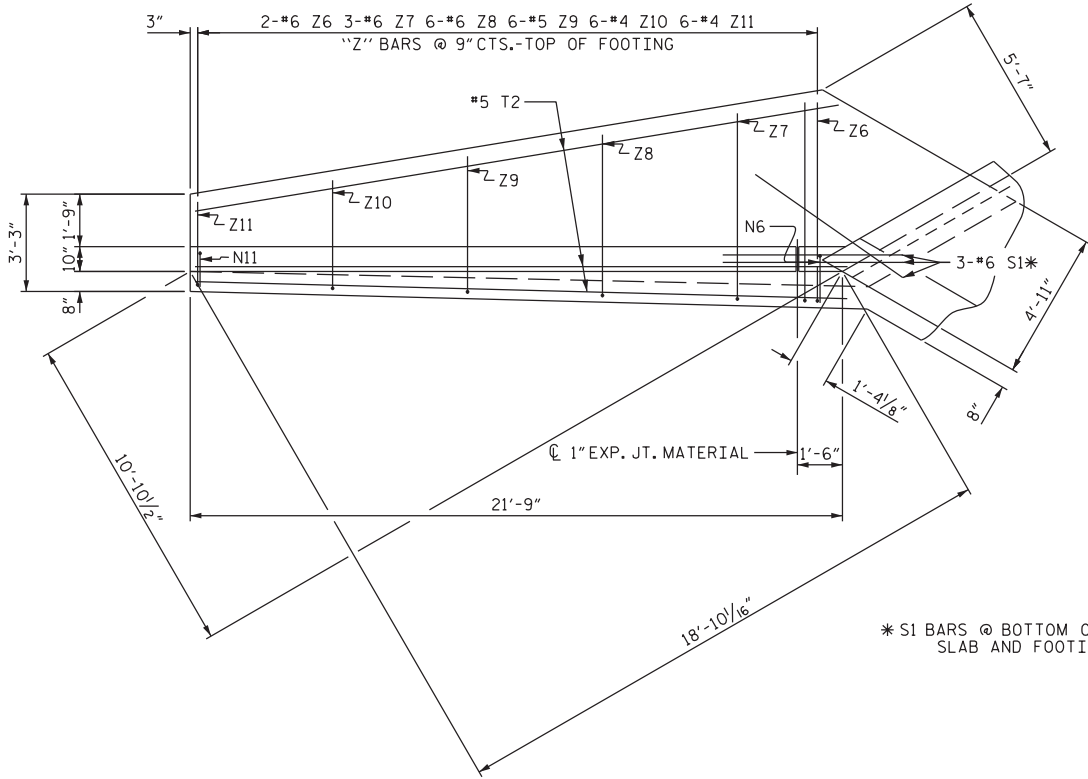
SHEET \_\_\_\_\_ OF \_\_\_\_\_

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
STANDARD WINGS  
FOR  
CONCRETE BOX CULVERT  
H = 10'-0" SLOPE = 2:1  
60° SKEW

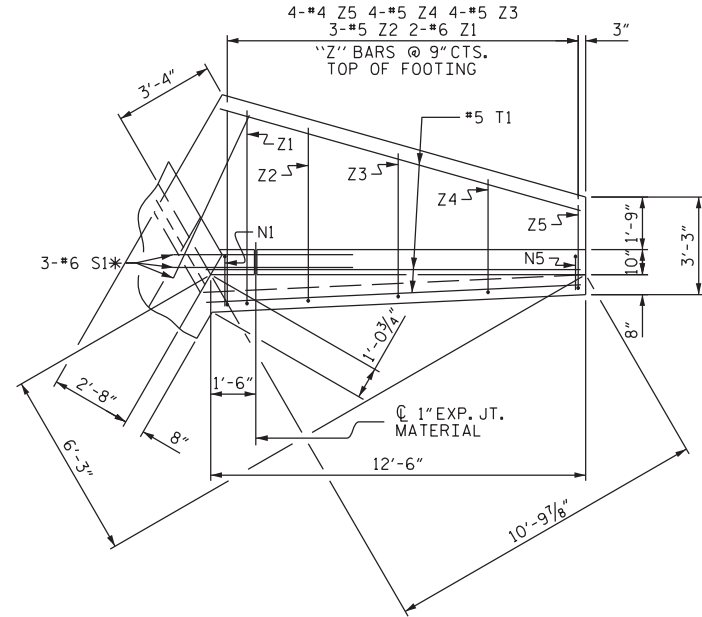
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			
2			4			

ASSEMBLED BY : -	DATE : -
CHECKED BY : -	DATE : -
DRAWN BY : CCJ 12/99	REV. 6/19 MAA/THC
CHECKED BY : RWW 03/00	

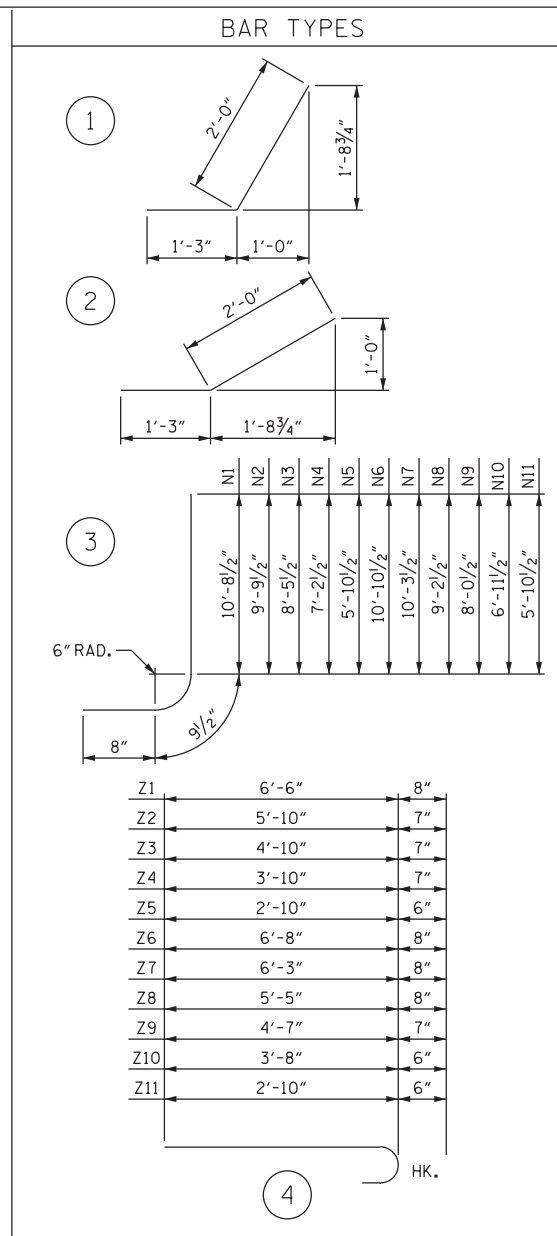
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PLAN W1

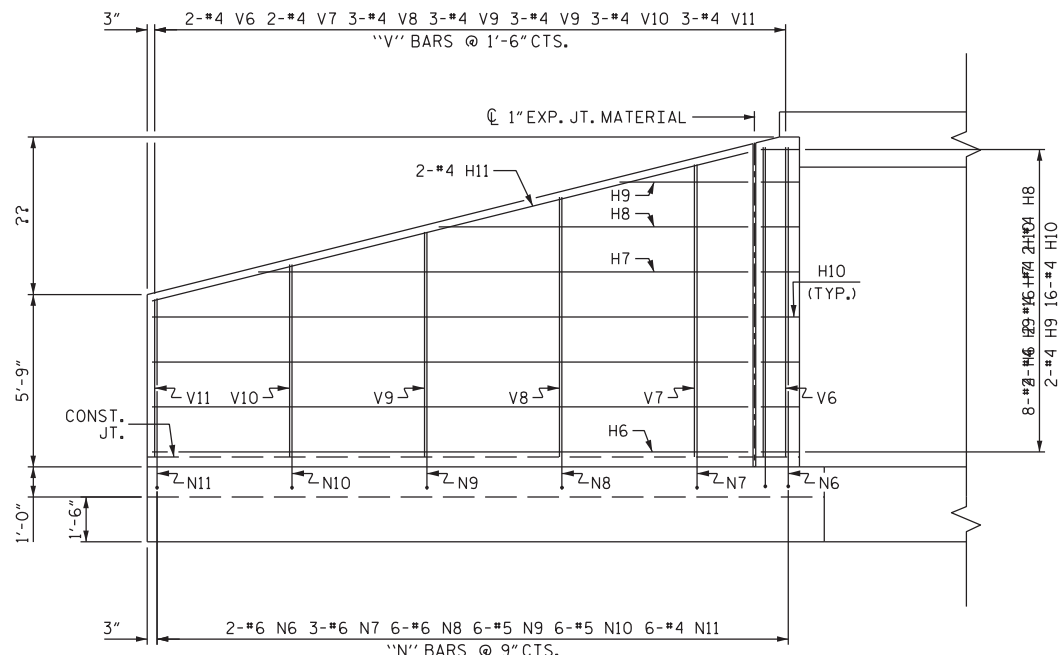


PLAN W2

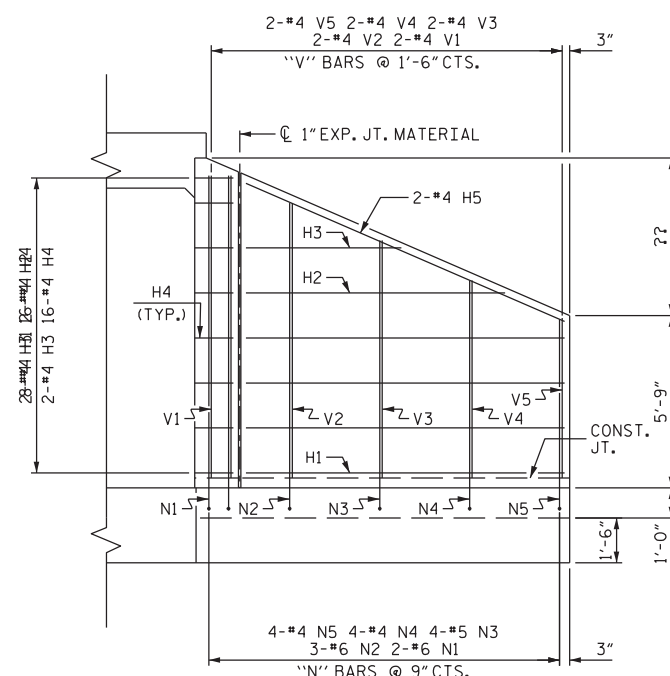


ALL BAR DIMENSIONS ARE OUT TO OUT.

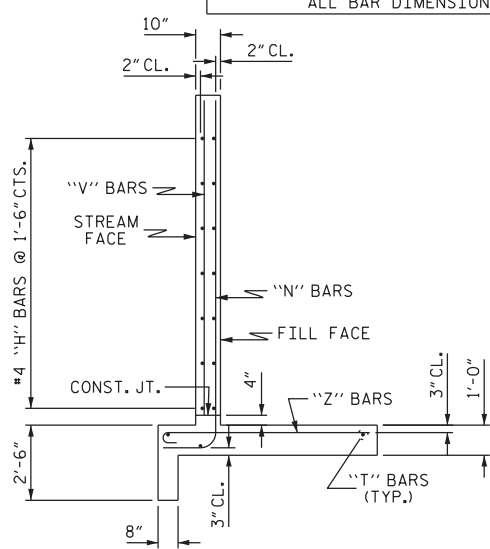
BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	16	#4	STR	10'-7"	113
H2	4	#4	STR	8'-7"	23
H3	4	#4	STR	5'-2"	14
H4	32	#4	1	3'-3"	69
H5	4	#4	STR	11'-7"	31
H6	16	#4	STR	19'-10"	212
H7	4	#4	STR	16'-4"	44
H8	4	#4	STR	10'-3"	27
H9	4	#4	STR	4'-3"	11
H10	32	#4	2	3'-3"	69
H11	4	#4	STR	20'-5"	55
N1	4	#6	3	12'-2"	73
N2	6	#6	3	11'-3"	101
N3	8	#5	3	9'-11"	83
N4	8	#4	3	8'-8"	46
N5	8	#4	3	7'-4"	39
N6	4	#6	3	12'-4"	74
N7	6	#6	3	11'-9"	106
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N9	12	#5	3	9'-6"	119
N10	12	#5	3	8'-5"	105
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'-1"	27
V2	4	#4	STR	9'-2"	24
V3	4	#4	STR	7'-11"	21
V4	4	#4	STR	6'-7"	18
V5	4	#4	STR	5'-4"	14
V6	4	#4	STR	10'-4"	28
V7	4	#4	STR	9'-9"	26
V8	6	#4	STR	8'-8"	35
V9	6	#4	STR	7'-6"	30
V10	6	#4	STR	6'-5"	26
V11	6	#4	STR	5'-3"	21
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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



ELEVATION W1



ELEVATION W2



TYPICAL WING SECTION

REINFORCING STEEL FOR 4 WINGS	2781 LBS
CLASS A CONCRETE	
4 WINGS	36.0 CY
2 HEADWALLS	CY
2 END CURTAIN WALLS	CY
TOTAL	CY

PROJECT NO. \_\_\_\_\_  
 \_\_\_\_\_ COUNTY  
 STATION: \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD WINGS  
 FOR  
 CONCRETE BOX CULVERT  
 H = 10'-0" SLOPE = 2:1  
 120° SKEW

ASSEMBLED BY : -	DATE : -
CHECKED BY : -	DATE : -
DRAWN BY : CCJ 12/99	REV. 6/19 MAA/THC
CHECKED BY : RWW 03/00	

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		