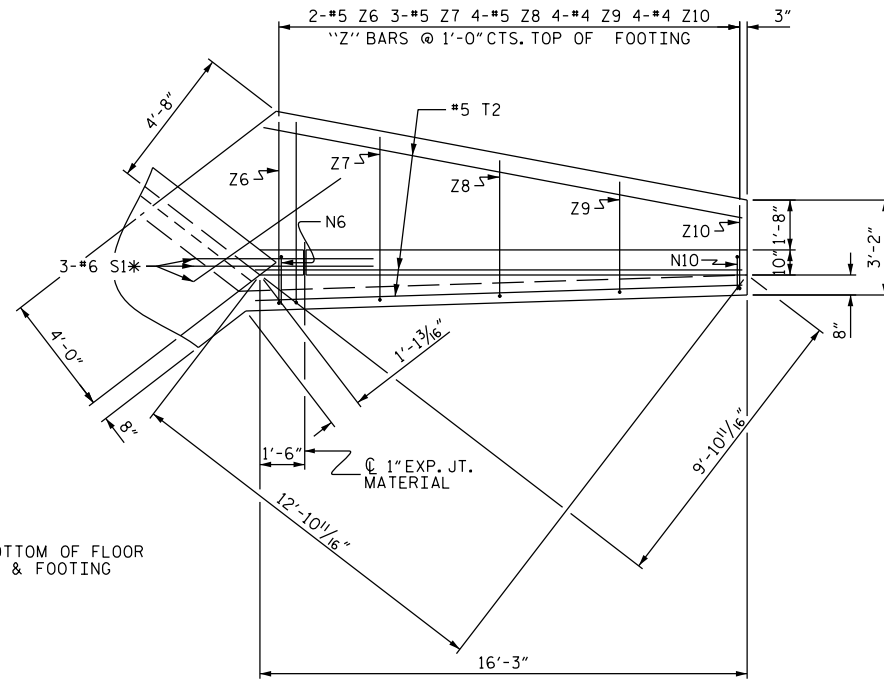
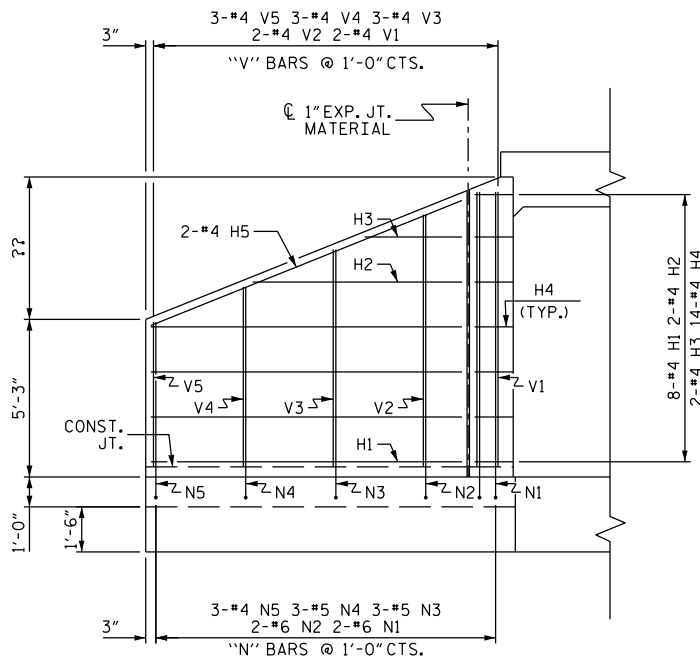


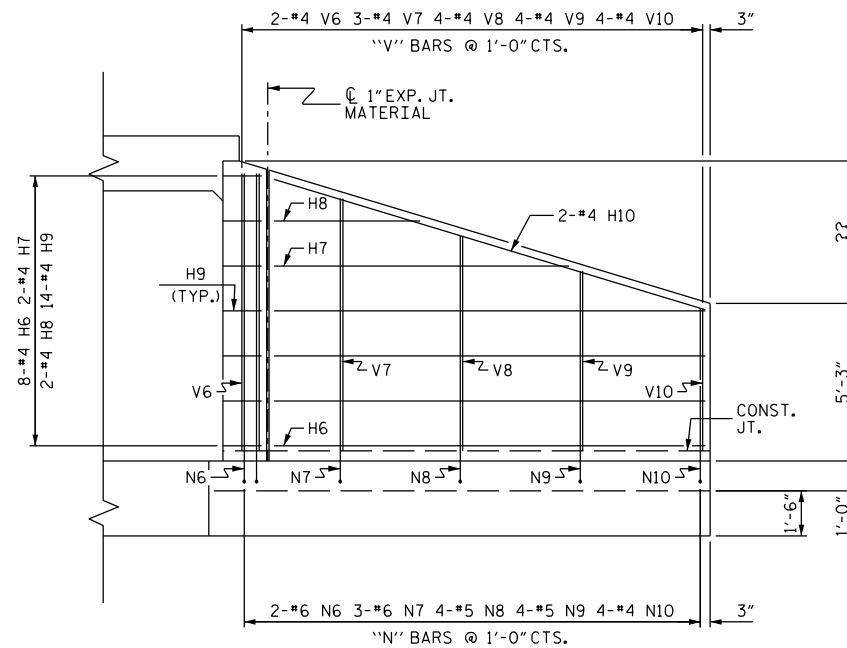
PLAN W2



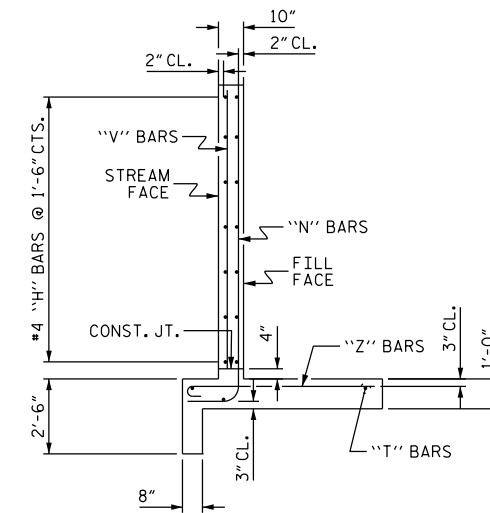
PLAN W1



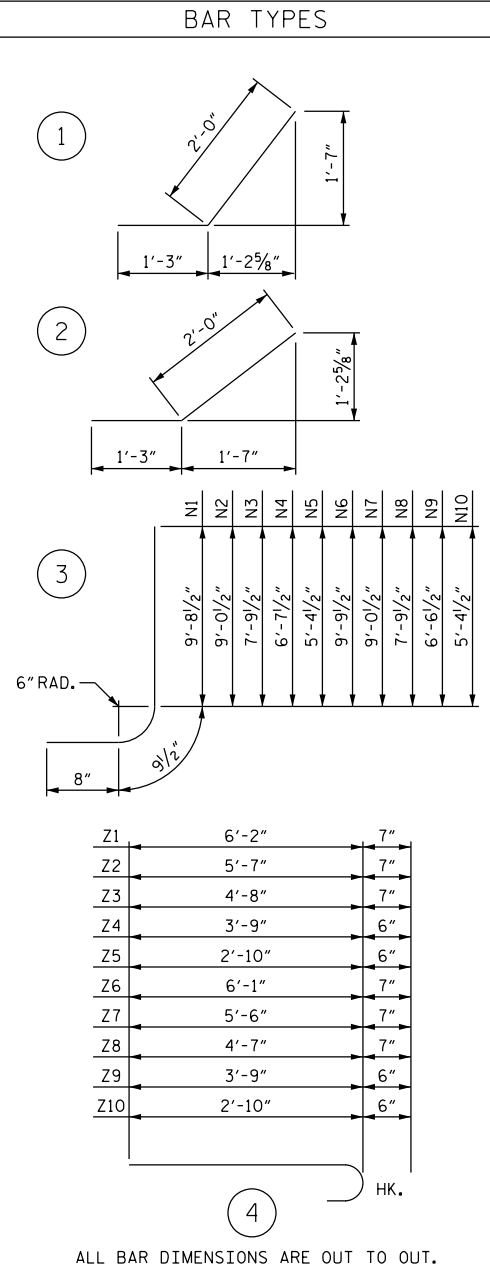
ELEVATION W2



ELEVATION W1



TYPICAL WING SECTION



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	16	#4	STR	10'-4"	110
H2	4	#4	STR	6'-11"	18
H3	4	#4	STR	3'-3"	9
H4	28	#4	1	3'-3"	61
H5	4	#4	STR	11'-2"	30
H6	16	#4	STR	14'-4"	153
H7	4	#4	STR	9'-10"	26
H8	4	#4	STR	4'-10"	13
H9	28	#4	2	3'-3"	61
H10	4	#4	STR	15'-0"	40
N1	4	#6	3	11'-2"	67
N2	4	#6	3	10'-6"	63
N3	6	#5	3	9'-3"	58
N4	6	#5	3	8'-1"	51
N5	6	#4	3	6'-10"	27
N6	4	#6	3	11'-3"	68
N7	6	#6	3	10'-6"	95
N8	8	#5	3	9'-3"	77
N9	8	#5	3	8'-0"	67
N10	8	#4	3	6'-10"	37
S1	12	#6	STR	6'-0"	108
T1	6	#5	STR	12'-3"	77
T2	6	#5	STR	16'-3"	102
V1	4	#4	STR	9'-2"	24
V2	4	#4	STR	8'-5"	22
V3	6	#4	STR	7'-3"	29
V4	6	#4	STR	6'-0"	24
V5	6	#4	STR	4'-10"	19
V6	4	#4	STR	9'-3"	25
V7	6	#4	STR	8'-5"	34
V8	8	#4	STR	7'-2"	38
V9	8	#4	STR	6'-0"	32
V10	8	#4	STR	4'-9"	25
Z1	4	#5	4	6'-9"	28
Z2	4	#5	4	6'-2"	26
Z3	6	#5	4	5'-3"	33
Z4	6	#4	4	4'-3"	17
Z5	6	#4	4	3'-4"	13
Z6	4	#5	4	6'-8"	28
Z7	6	#5	4	6'-1"	38
Z8	8	#5	4	5'-2"	43
Z9	8	#4	4	4'-3"	23
Z10	8	#4	4	3'-4"	18
REINFORCING STEEL FOR 4 WINGS					1957 LBS
CLASS A CONCRETE					
4 WINGS					27.7 CY
2 HEADWALLS					CY
2 END CURTAIN WALLS					CY
TOTAL					CY

PROJECT NO. _____

_____ COUNTY

STATION: _____

SHEET _ OF _

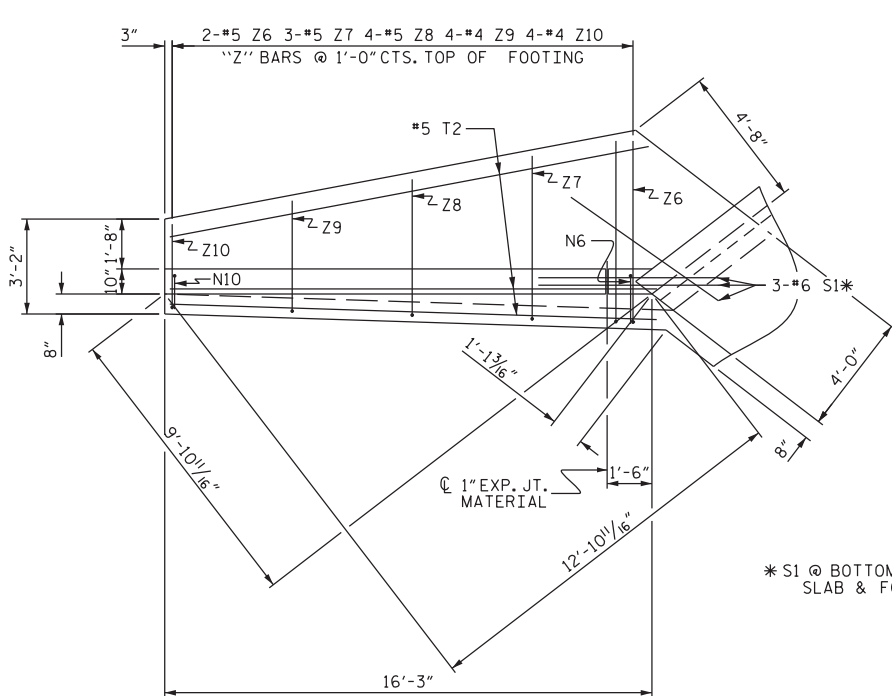
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD WINGS
FOR
CONCRETE BOX CULVERT
H = 9'-0" SLOPE = 2:1
75° SKEW

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

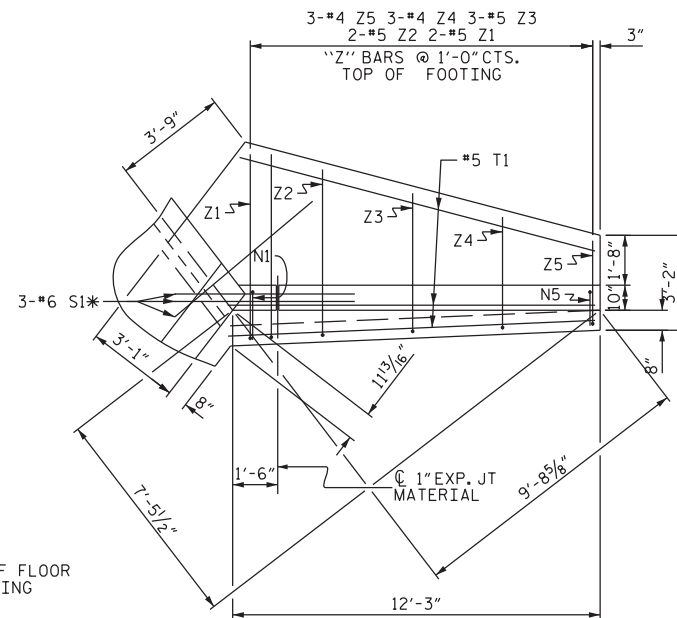
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY : -	DATE : -
CHECKED BY : -	DATE : -
DRAWN BY : CCJ 01/00	REV. 6/19 MAA/THC
CHECKED BY : RWW 03/00	

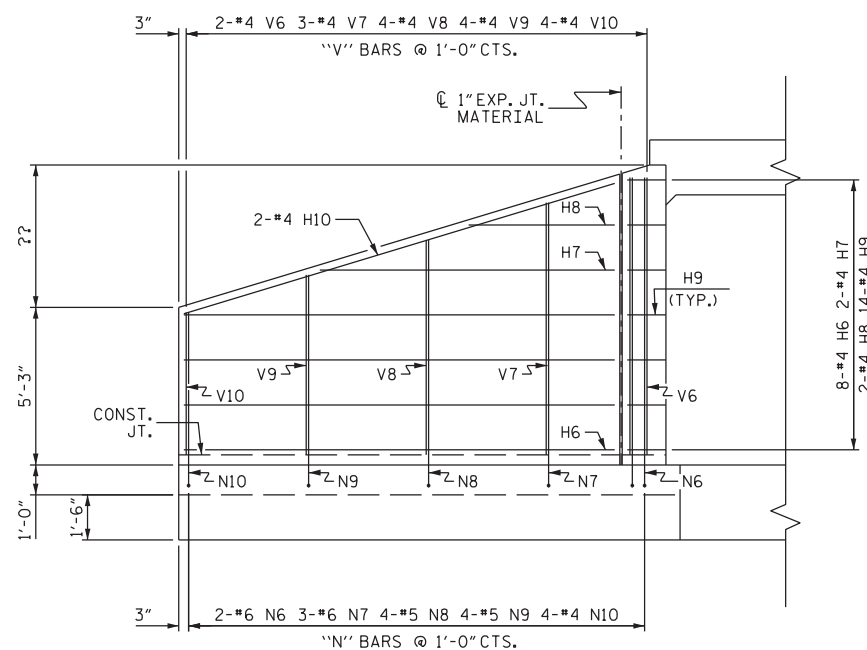
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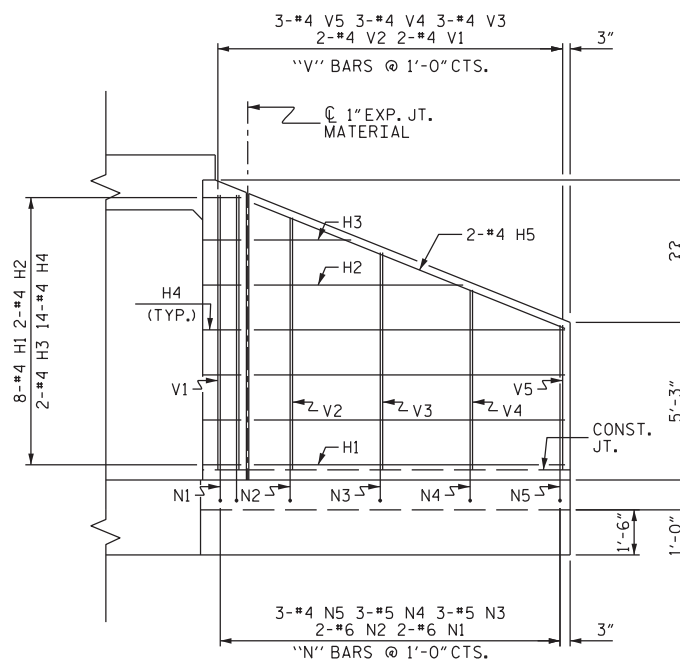
PLAN W1



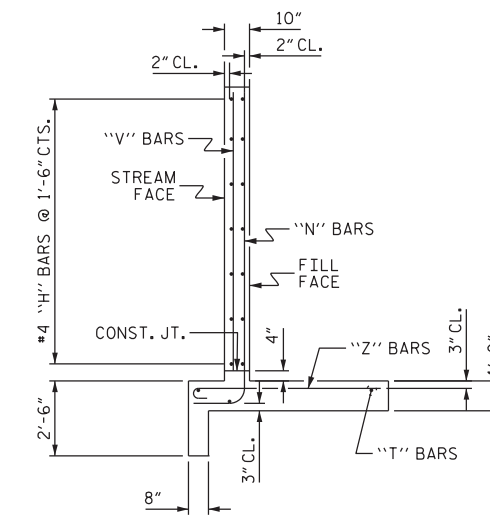
PLAN W2



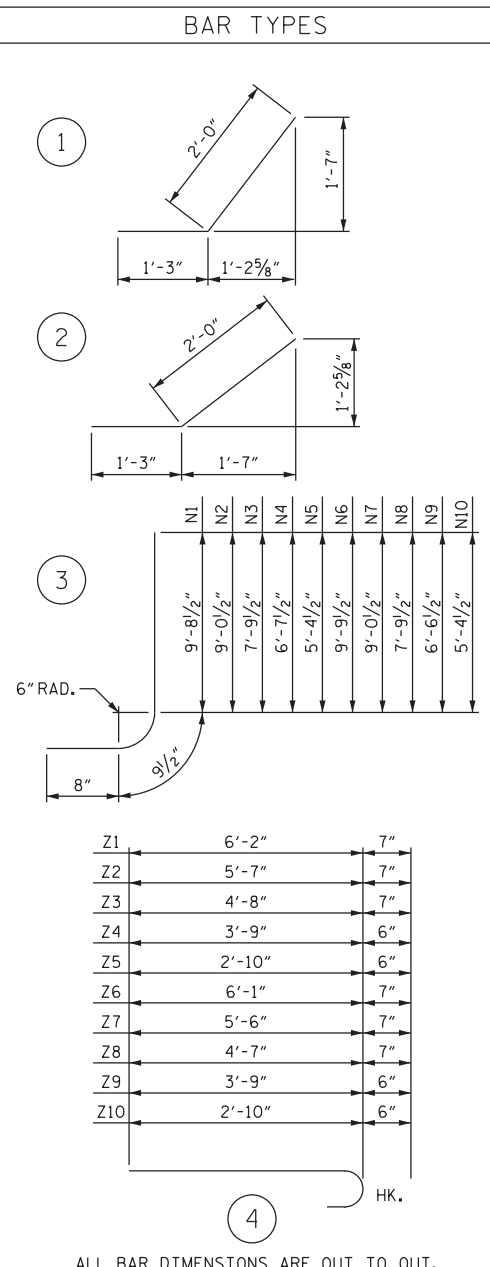
ELEVATION W1



ELEVATION W2



TYPICAL WING SECTION



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	16	#4	STR	10'-4"	110
H2	4	#4	STR	6'-11"	18
H3	4	#4	STR	3'-3"	9
H4	28	#4	1	3'-3"	61
H5	4	#4	STR	11'-2"	30
H6	16	#4	STR	14'-4"	153
H7	4	#4	STR	9'-10"	26
H8	4	#4	STR	4'-10"	13
H9	28	#4	2	3'-3"	61
H10	4	#4	STR	15'-0"	40
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N3	6	#5	3	9'-3"	58
N4	6	#5	3	8'-1"	51
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N6	4	#6	3	11'-3"	68
N7	6	#6	3	10'-6"	95
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N9	8	#5	3	8'-0"	67
N10	8	#4	3	6'-10"	37
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V3	6	#4	STR	7'-3"	29
V4	6	#4	STR	6'-0"	24
V5	6	#4	STR	4'-10"	19
V6	4	#4	STR	9'-3"	25
V7	6	#4	STR	8'-5"	34
V8	8	#4	STR	7'-2"	38
V9	8	#4	STR	6'-0"	32
V10	8	#4	STR	4'-9"	25
Z1	4	#5	4	6'-9"	28
Z2	4	#5	4	6'-2"	26
Z3	6	#5	4	5'-3"	33
Z4	6	#4	4	4'-3"	17
Z5	6	#4	4	3'-4"	13
Z6	4	#5	4	6'-8"	28
Z7	6	#5	4	6'-1"	38
Z8	8	#5	4	5'-2"	43
Z9	8	#4	4	4'-3"	23
Z10	8	#4	4	3'-4"	18
REINFORCING STEEL FOR 4 WINGS					1957 LBS
CLASS A CONCRETE					
4 WINGS					27.7 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 = 9'-0" SLOPE = 2:1
105° SKEW

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

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY : -	DATE : -
CHECKED BY : -	DATE : -
DRAWN BY : CCJ 01/00	REV. 6/19 MAA/THC
CHECKED BY : RWW 03/00	