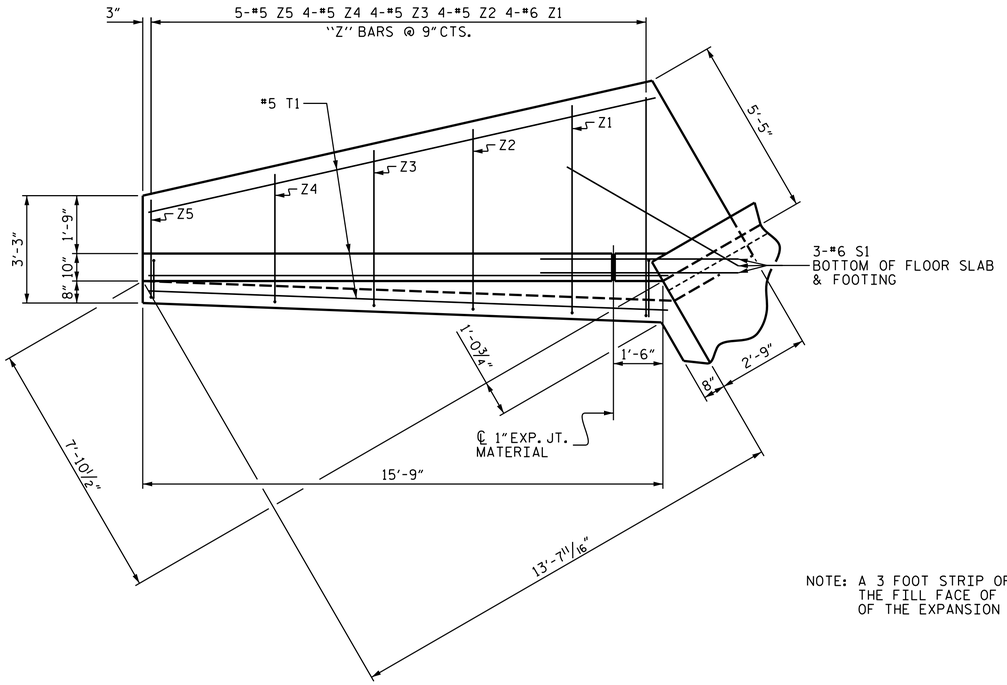
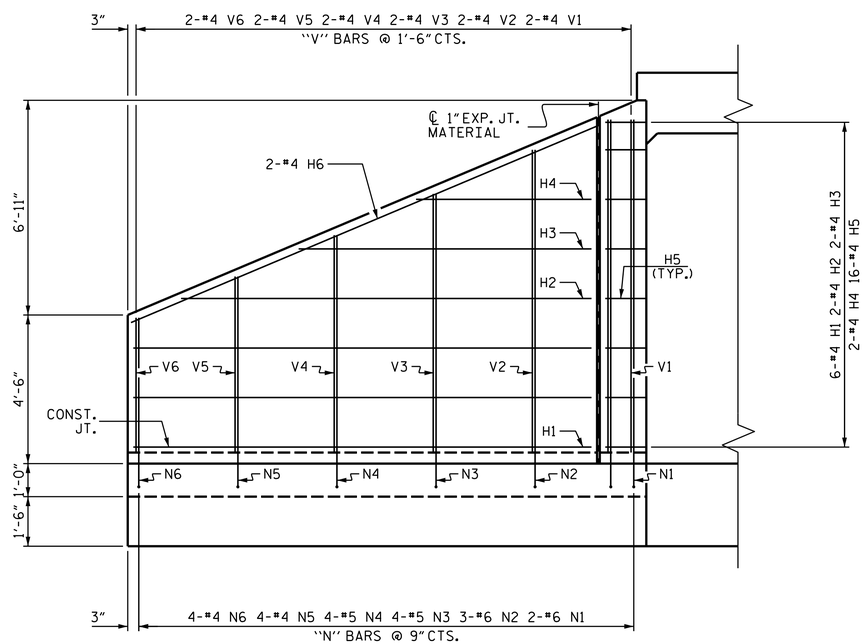
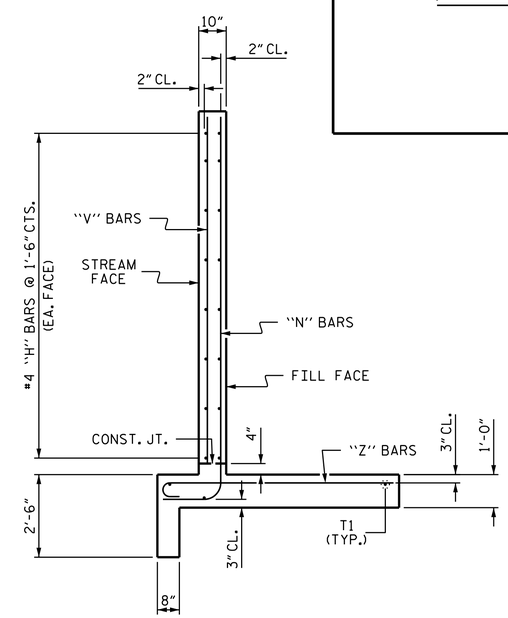


PLAN W2

NOTE: A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.



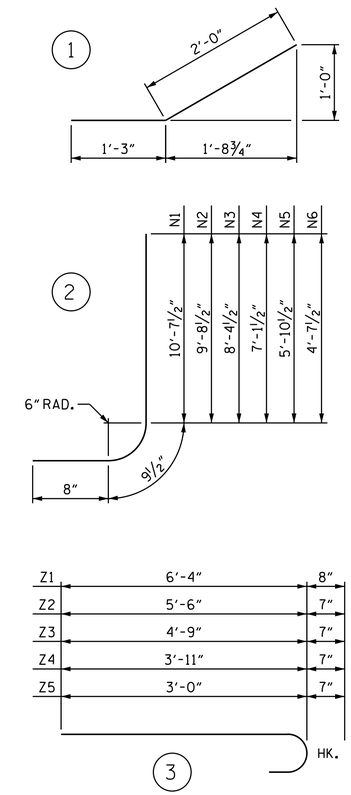
ELEVATION W2



TYPICAL WING SECTION

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.



BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	6	#4	STR	13'-10"	55
H2	2	#4	STR	12'-5"	17
H3	2	#4	STR	8'-10"	12
H4	2	#4	STR	5'-4"	7
H5	16	#4	1	3'-3"	35
H6	2	#4	STR	15'-5"	21
N1	2	#6	2	12'-1"	36
N2	3	#6	2	11'-2"	50
N3	4	#5	2	9'-10"	41
N4	4	#5	2	8'-7"	36
N5	4	#4	2	7'-4"	20
N6	4	#4	2	6'-1"	16
S1	3	#6	STR	6'-0"	27
T1	3	#5	STR	15'-9"	49
V1	2	#4	STR	10'-1"	13
V2	2	#4	STR	9'-2"	12
V3	2	#4	STR	7'-10"	10
V4	2	#4	STR	6'-7"	9
V5	2	#4	STR	5'-4"	7
V6	2	#4	STR	4'-1"	5
Z1	4	#6	3	7'-0"	42
Z2	4	#5	3	6'-1"	25
Z3	4	#5	3	5'-4"	22
Z4	4	#5	3	4'-6"	19
Z5	5	#5	3	3'-7"	19

REINFORCING STEEL FOR W2 WING 605 LBS.

CLASS A CONCRETE W2 WING 7.8 C.Y.

PROJECT NO. R-2519B

YANCEY COUNTY

STATION: 44+11.92 -L-

SHEET 9 OF 17

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

W2 WING FOR CONCRETE BOX CULVERT LEFT EXTENSION

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. OVERCASH, JR.

8/27/2014 Marshall G. Overcash, Jr.

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REVISIONS							SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:		C-9
1			3				TOTAL SHEETS
2			4				87

DRAWN BY : M. POOLE/DAH DATE : 8/13
CHECKED BY : D. A. GLADDEN DATE : 10/13
DESIGN ENGINEER OF RECORD: J. R. MCROY DATE : 10/13

STR. #7