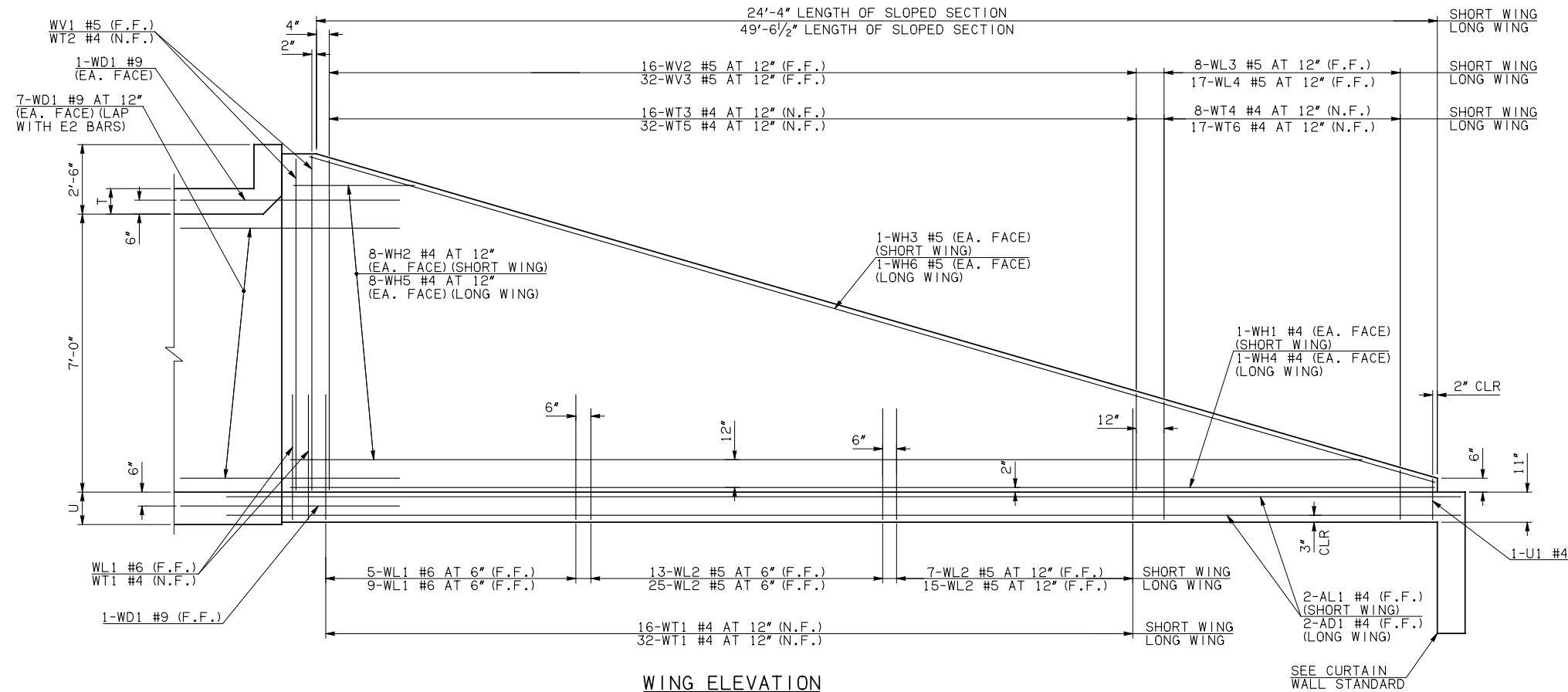
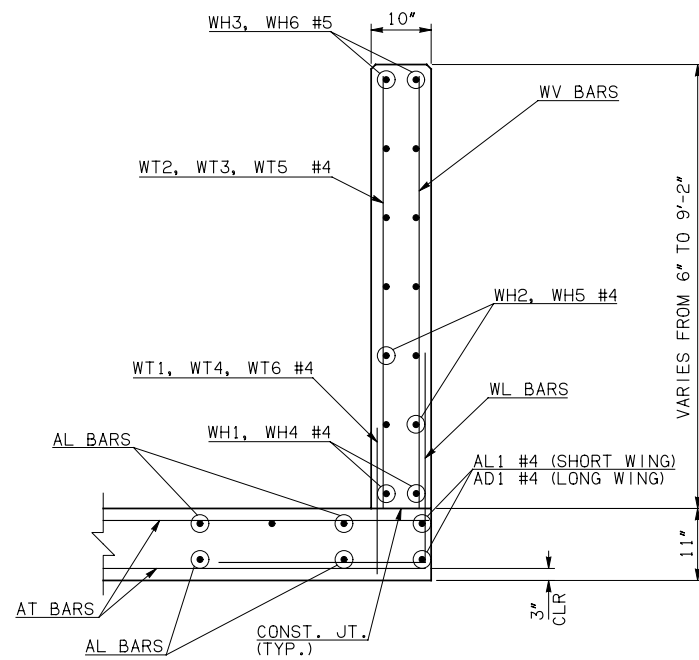


DESCRIPTION	REVISIONS	DATE

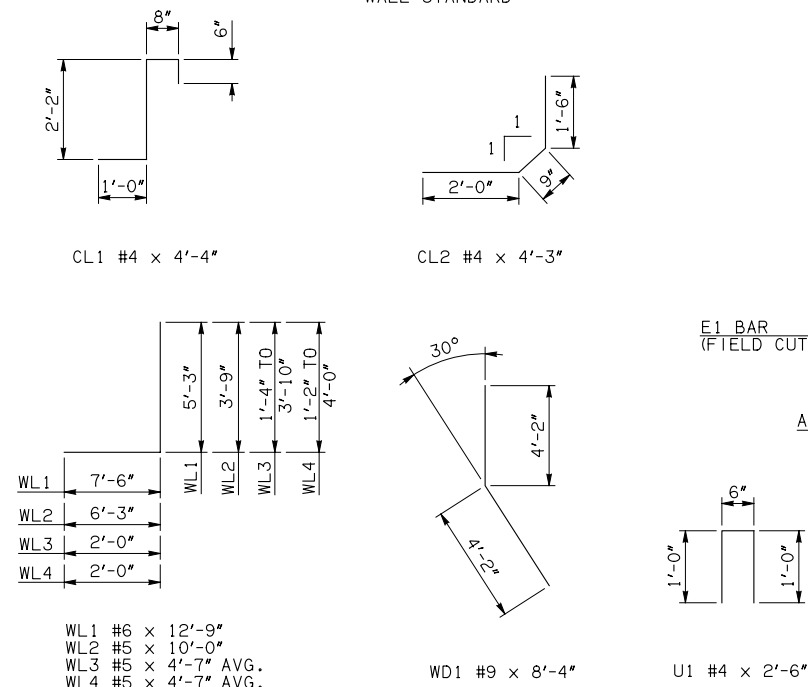


NOTE: F.F. = FAR FACE
N.F. = NEAR FACE

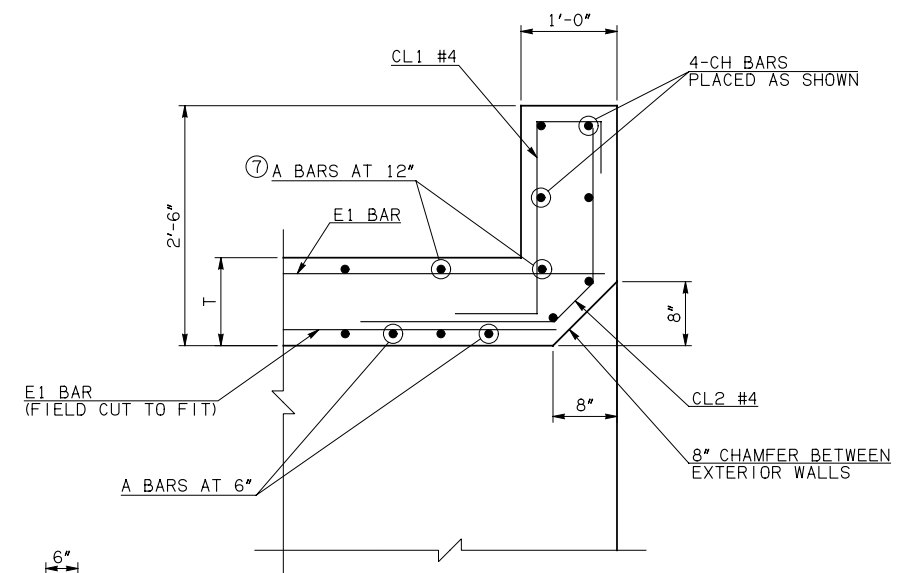
WING ELEVATION

TYPICAL SECTION THRU WING

WINGWALL BAR LIST					
(LONG AND SHORT WING INCLUDED)					
MARK	SIZE	QTY.	FORM	LENGTH	REMARKS
WD1	#9	34	BNT	8'-4"	
WH1	#4	2	STR	25'-4"	
WH2	#4	16	STR	13'-3" AVG.	3'-5" TO 23'-1"
WH3	#5	2	STR	25'-7"	
WH4	#4	2	STR	50'-6"	
WH5	#4	16	STR	25'-10 $\frac{1}{2}$ " AVG.	5'-10" TO 45'-11"
WH6	#5	2	STR	50'-1"	
WL1	#6	18	BNT	12'-9"	
WL2	#5	60	BNT	10'-0"	
WL3	#5	8	BNT	4'-7" AVG.	3'-4" TO 5'-10"
WL4	#5	17	BNT	4'-7" AVG.	3'-2" TO 6'-0"
WT1	#4	53	STR	2'-10"	
WT2	#4	5	STR	9'-0"	
WT3	#4	16	STR	6'-2" AVG.	3'-6" TO 8'-10"
WT4	#4	8	STR	2'-7" AVG.	1'-4" TO 3'-10"
WT5	#4	32	STR	6'-2 $\frac{1}{2}$ " AVG.	3'-6" TO 8'-11"
WT6	#4	17	STR	2'-7" AVG.	1'-2" TO 4'-0"
WV1	#5	4	STR	9'-0"	
WV2	#5	16	STR	6'-2" AVG.	3'-6" TO 8'-10"
WV3	#5	32	STR	6'-2 $\frac{1}{2}$ " AVG.	3'-6" TO 8'-11"
U1	#4	2	BNT	2'-6"	



③ HEADWALL DETAIL AT EXTERIOR WALL



③ HEADWALL DETAIL AT MIDSPAN

DIMENSION SHOWN NORMAL TO HEADWALL

NOTES:

- ② QUANTITY SHOWN REPRESENTS TWO SETS.
- ③ FOR FURTHER INFORMATION REGARDING END SECTION BARS A, B, C, E1, AND E2, REFER TO RCB CULTURE - BARREL DETAILS.
- ⑦ NOT PRESENT IN 5' OR 8' SPANS.

HEADWALL BAR LIST																						
ONE HEADWALL SHOWN																						
MARK	FORM	5' SPAN			8' SPAN			10' SPAN			12' SPAN			14' SPAN			16' SPAN			18' SPAN		
		SIZE	QTY.	LENGTH	SIZE	QTY.	LENGTH	SIZE	QTY.	LENGTH	SIZE	QTY.	LENGTH	SIZE	QTY.	LENGTH	SIZE	QTY.	LENGTH	SIZE	QTY.	LENGTH
CH	STR	#4	4	7'-11"	#4	4	11'-4"	#4	4	14'-1"	#4	4	16'-4"	#4	4	18'-10"	#5	4	21'-4"	#5	4	23'-10"
CL1	BNT	#4	8	4'-4"	#4	12	4'-4"	#4	14	4'-4"	#4	17	4'-4"	#4	19	4'-4"	#4	21	4'-4"	#4	24	4'-4"
CL2	BNT	#4	8	4'-3"	#4	12	4'-3"	#4	14	4'-3"	#4	17	4'-3"	#4	19	4'-3"	#4	21	4'-3"	#4	24	4'-3"
HD	STR	#6	2	7'-11"	#6	2	11'-4"	#8	2	14'-1"	#8	2	16'-4"	#8	2	18'-10"	#9	2	21'-4"	#9	2	23'-10"

APPROVED BY BRIDGE ENGINEER	<i>Robert J. Nusch</i>	DATE	4/09/09
OKLAHOMA DEPT. OF TRANSPORTATION BRIDGE STANDARD (ENGLISH) RCB CULVERTS - END SECTION DETAILS SINGLE CELL - 7'-0" HEIGHT - 30° SHEET NO. 3 OF 3			
1999 SPECIFICATIONS		RCB-E1-H7-30-3	00E
			B-677E