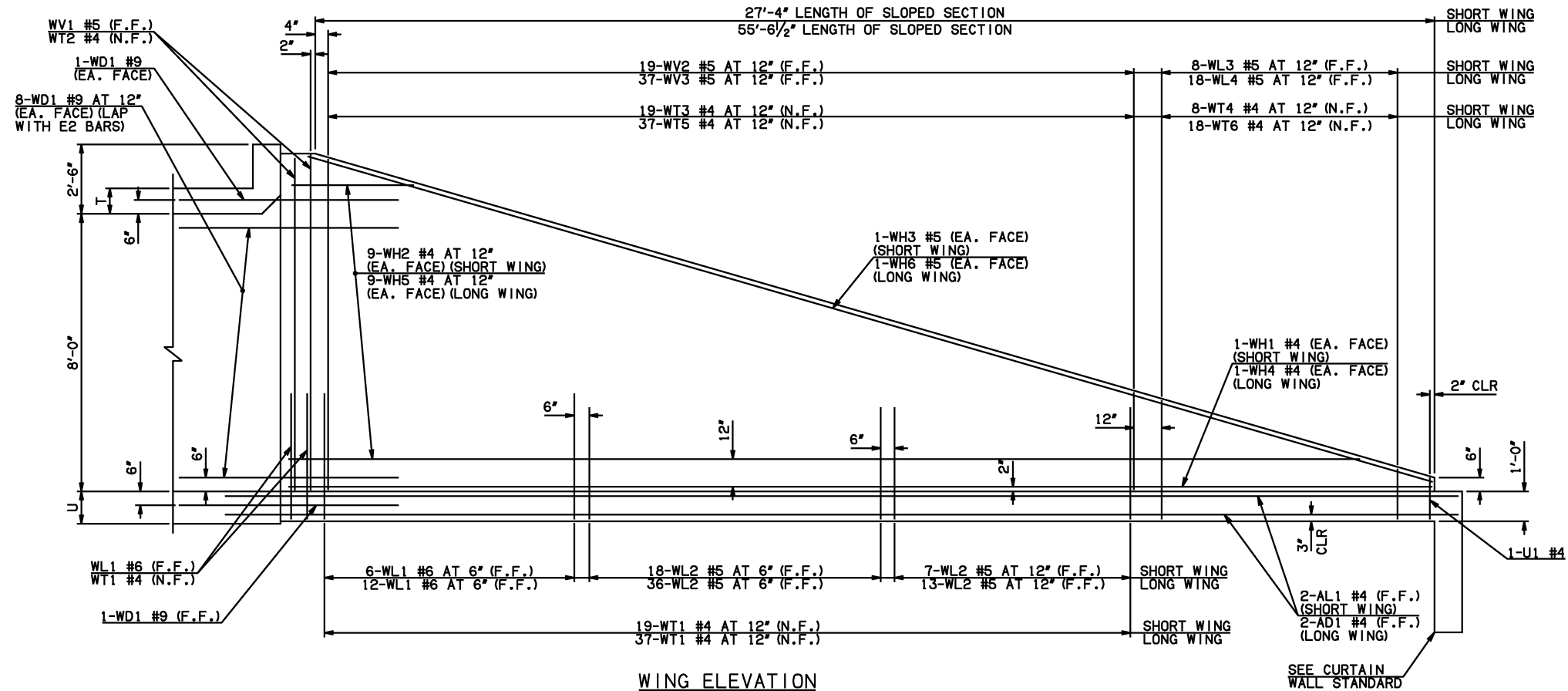
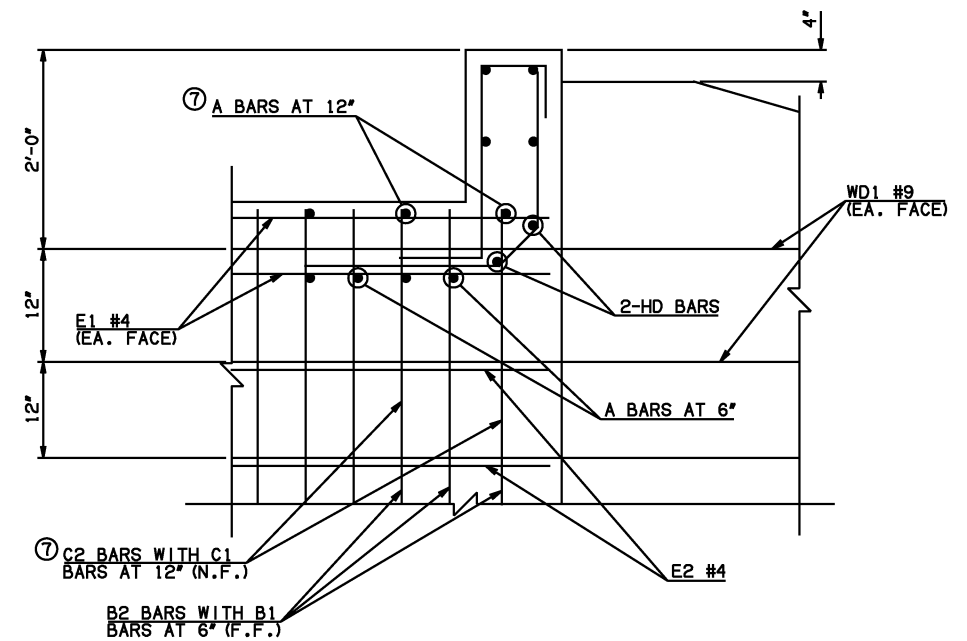


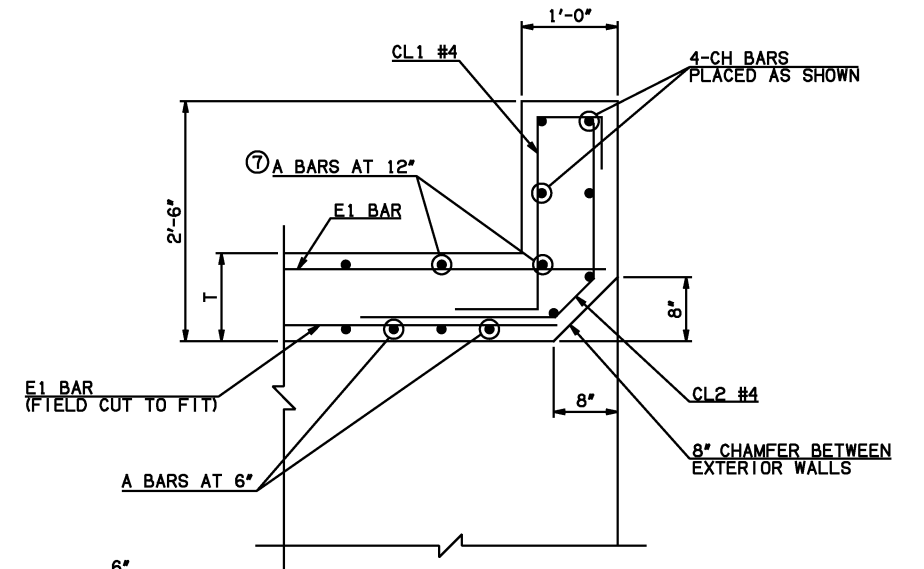
DESCRIPTION	REVISIONS	DATE



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



③ HEADWALL DETAIL AT EXTERIOR WALL

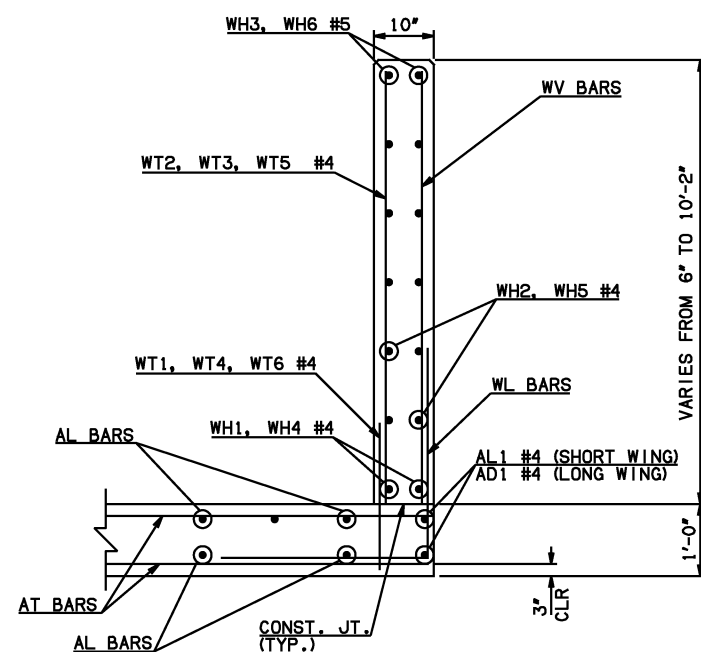


③ HEADWALL DETAIL AT MIDSPAN
DIMENSION SHOWN NORMAL TO HEADWALL

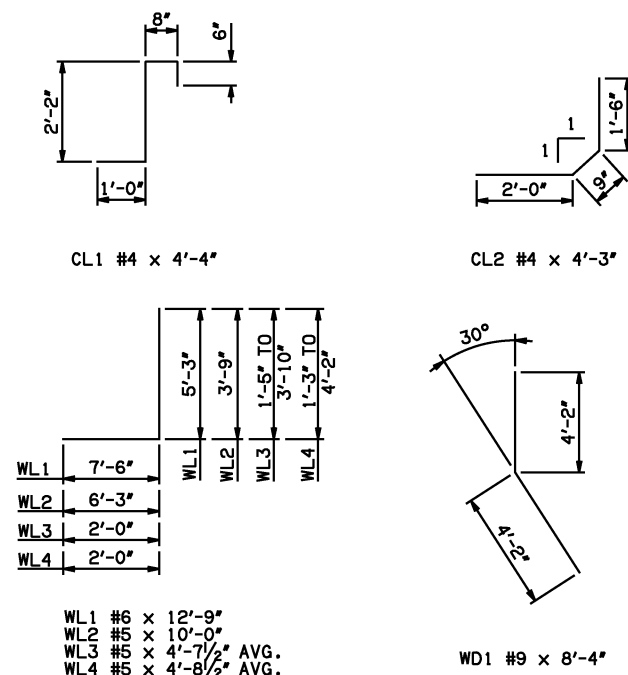
NOTES:

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

WINGWALL BAR LIST (LONG AND SHORT WING INCLUDED)					
MARK	SIZE	QTY.	FORM	LENGTH	REMARKS
WD1	#9	38	BNT	8'-4"	
WH1	#4	2	STR	28'-4"	
WH2	#4	18	STR	14'-9" AVG.	3'-5" TO 26'-1"
WH3	#5	2	STR	28'-9"	
WH4	#4	2	STR	56'-6"	
WH5	#4	18	STR	28'-10" AVG.	5'-10" TO 51'-10"
WH6	#5	2	STR	56'-2"	
WL1	#6	22	BNT	12'-9"	
WL2	#5	74	BNT	10'-0"	
WL3	#5	8	BNT	4'-7½" AVG.	3'-5" TO 5'-10"
WL4	#5	18	BNT	4'-8½" AVG.	3'-3" TO 6'-2"
WT1	#4	61	STR	2'-10"	
WT2	#4	5	STR	10'-0"	
WT3	#4	19	STR	6'-8" AVG.	3'-6" TO 9'-10"
WT4	#4	8	STR	2'-7½" AVG.	1'-5" TO 3'-10"
WT5	#4	37	STR	6'-9½" AVG.	3'-8" TO 9'-11"
WT6	#4	18	STR	2'-8½" AVG.	1'-3" TO 4'-2"
WV1	#5	4	STR	10'-0"	
WV2	#5	19	STR	6'-8" AVG.	3'-6" TO 9'-10"
WV3	#5	37	STR	6'-9½" AVG.	3'-8" TO 9'-11"
U1	#4	2	BNT	2'-8"	



TYPICAL SECTION THRU WING



HEADWALL BAR LIST																													
ONE HEADWALL SHOWN																													
MARK	FORM	8' SPAN				10' SPAN			12' SPAN			14' SPAN			16' SPAN			18' SPAN			20' SPAN								
		SIZE	QTY.	LENGTH		SIZE	QTY.	LENGTH		SIZE	QTY.	LENGTH		SIZE	QTY.	LENGTH		SIZE	QTY.	LENGTH		SIZE	QTY.	LENGTH					
CH	STR	#4	4	11'-4"		#4	4	14'-1"		#4	4	16'-4"		#4	4	18'-10"		#5	4	21'-4"		#5	4	23'-10"		#5	4	26'-2"	
CL1	BNT	#4	12	4'-4"		#4	14	4'-4"		#4	17	4'-4"		#4	19	4'-4"		#4	21	4'-4"		#4	24	4'-4"		#4	26	4'-4"	
CL2	BNT	#4	12	4'-3"		#4	14	4'-3"		#4	17	4'-3"		#4	19	4'-3"		#4	21	4'-3"		#4	24	4'-3"		#4	26	4'-3"	
HD	STR	#6	2	11'-4"		#8	2	14'-1"		#8	2	16'-4"		#8	2	18'-10"		#9	2	21'-4"		#9	2	23'-10"		#9	2	26'-2"	

APPROVED BY BRIDGE ENGINEER *Kevin J. Lynch* DATE 4/2/10

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)
RCB CULVERTS - END SECTION DETAILS
SINGLE CELL - 8'-0" HEIGHT - 30°
SHEET NO. 3 OF 3

2009 SPECIFICATIONS	RCB-E1-H8-30-3	01E
		B-680E