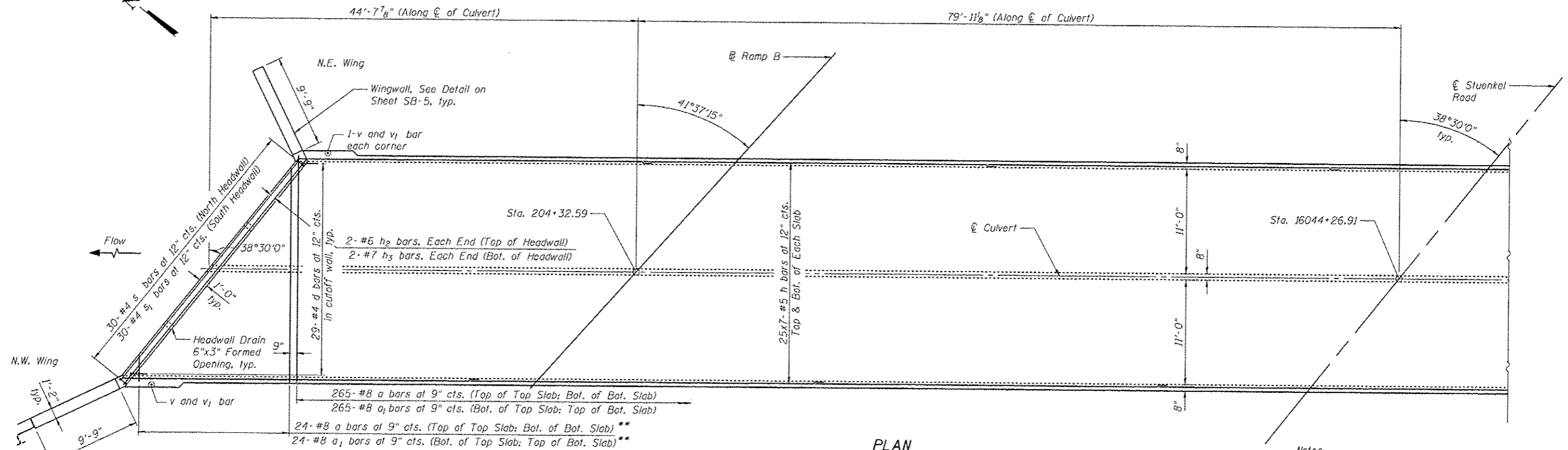


HALF LONG SECTION
 (Dimensions are at right angles to \hat{C} Roadway, U.N.O)

MINIMUM BAR LAP	
#5	2'-2"
#7	3'-5"

LOCATION	WINGWALL DIMENSIONS & REINFORCEMENT *				
	"x"	"y"	B bars	C bars	F bars
N.E. Wing	9'-1"	3'-6"	5-#8 h ₄	10-#8 h ₄	11-#8 h ₇
N.W. Wing	11'-2 1/2"	1'-4 1/2"	3-#8 h ₅	10-#8 h ₅	14-#8 h ₆
S.E. Wing	11'-2 1/2"	1'-4 1/2"	3-#8 h ₅	10-#8 h ₅	14-#8 h ₆
S.W. Wing	9'-1"	3'-6"	5-#8 h ₄	10-#8 h ₄	11-#8 h ₇

* For Reinforcement Layout See Wingwall Details on Sheet SB-5.



PLAN

Notes:
 A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.
 Bars indicated thus 12x4-#5 etc, indicates 12 lines of bars with 4 lengths per line.

** Order a & a₁ bars full length. Cut to fit skew and use remainder of bars in opposite end.

FILE NAME: TYLIN INTERNATIONAL	USER NAME:	DESIGNED - RL	REVISED Δ 1/6/2014 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT PLAN AND DETAILS STRUCTURE NO. 099-0610	F.A.I. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	PLOT SCALE:	CHECKED - RH	REVISED			57	99-1HB-R1	WILL	679	365
	PLOT DATE:	DRAWN - DC/RH	REVISED			CONTRACT NO. 60L69				
		CHECKED - TCG	REVISED			ILLINOIS FED. AID PROJECT				

SHEET NO. SB-3 OF SB-10 SHEETS

Δ Entire Sheet Revised

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