



LOCATION	DIMENSIONS	
	"x"	"y"
NE & SW Wing	12'-0 1/2"	1'-4 1/8"
NW & SE Wing	9'-9 1/2"	3'-7 1/2"

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

- * Order a and a₁ bars full length. Cut to fit skew and use remainder of bars in opposite end.
- ** Dimensions typical NE and SW Wings.
- *** Dimensions typical NW and SE Wings.
- **** See Corner Details on SD-4.

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.

TYLIN INTERNATIONAL	USER NAME *	DESIGNED - SP	REVISED - 1/6/2014 S.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT PLAN AND DETAILS 1 STRUCTURE NO. 099-0609	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE *	CHECKED - TCG	REVISIONS			57	99-1HB-R1	WILL	679	385
	PLOT DATE *	DRAWN - SP/TCG	REVISIONS	SHEET NO. SD-3 OF SD-7 SHEETS		CONTRACT NO. 60L69				
		CHECKED - RH	REVISIONS	ILLINOIS FED. AID PROJECT						

4-3568 RW
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 1/3/2014