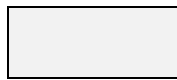


**PLAN VIEW**



Area for computing ratio

(D) Diameter of Culvert (inches)	Area (A)		Culvert width (T)					
	1 ½ : 1 Slope Sq. Ft.	2 : 1 Slope Sq. Ft.	Double Line		Triple Line		Quadruple Line	
			Conc. Feet	C.M. Feet	Conc. Feet	C.M. Feet	Conc. Feet	C.M. Feet
42	23.31	28.88	9.50	8.79	15.50	14.08	21.50	19.37
48	27.31	33.95	10.83	10.04	17.67	16.08	24.50	22.12
54	33.43	41.64	12.17	11.29	19.83	18.08	27.50	24.87
60	40.07	50.05	13.50	12.54	22.00	20.08	30.50	27.62
66	47.38	59.29	14.83	13.79	24.17	22.08	33.50	30.37
72	55.29	69.25	16.17	15.04	26.33	24.08	36.50	33.12
78	63.74	80.00	17.50	16.29	28.50	26.08	39.50	35.87
84	72.80	91.55	18.83	17.54	30.67	28.08	42.50	38.62

Area is given for one endwall.  
Double area shown if two endwalls are used.

TO DETERMINE RATIO	$\frac{A}{T \text{ (in feet)} \times \text{Length of Culvert}}$
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**TABLE D-31 COMPUTATION OF RATIOS FOR MINOR STRUCTURE  
EXCAVATION STANDARD EW-7S (30°)**