



Area for computing ratio

(D) Diameter of Culvert (inches)	Area (A)	
	1 ½ : 1 Slope	2 : 1 Slope
	Sq. Ft.	Sq. Ft.
48	27.31	33.95
54	33.43	41.64
60	40.07	50.05
66	47.38	59.29
72	55.29	69.25
78	63.74	80.00
84	72.80	91.55

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

TO DETERMINE RATIO	$\frac{A}{D \text{ (in feet)} \times \text{Length of Culvert}}$
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**TABLE D-25 COMPUTATION OF RATIOS FOR MINOR STRUCTURE EXCAVATION  
STANDARD EW-2S (30°)**