



**PLAN VIEW**



Area for computing ratio

(D) Diameter of Culvert (inches)	Area (A)		
	3:1 Slope	4:1 Slope	6:1 Slope
	Sq. Ft	Sq. Ft.	Sq. Ft
48	114.42	150.00	221.17
54	143.83	188.83	278.83
60	156.33	205.67	304.33

TO DETERMINE RATIO	$\frac{A}{D \text{ (in feet)} \times \text{Length of Culvert}}$
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**TABLE D-35 COMPUTATION OF RATIOS FOR MINOR STRUCTURE EXCAVATION  
STANDARD EW-11**