



STORM CONDUIT SIZING CHART

MANNING FORMULA

$$Q = \frac{1.486 \cdot A \cdot R^{2/3} \cdot s^{1/2}}{n}$$

FLOWING FULL CONDITION where: Q = FLOW (Cubic Feet per Second)
 A = AREA (Square Feet)
 R = HYDRAULIC RADIUS (Feet)
 s = SLOPE (Feet per Feet)
 n = FRICTION FACTOR (Manning)

DR 82-13

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