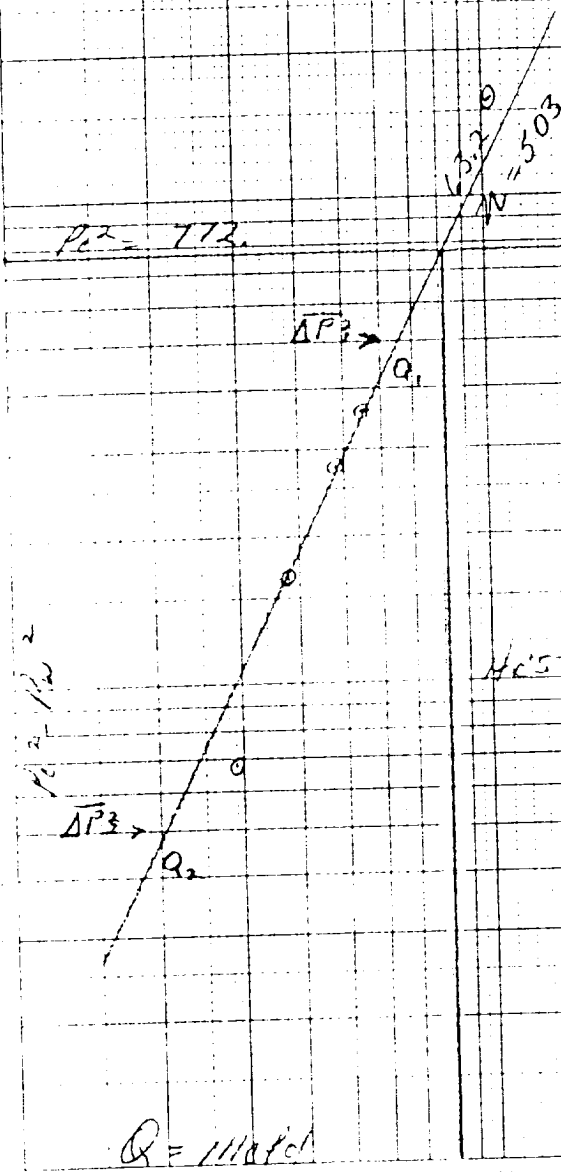


WATER 7  
 DRAIN 51 73.2 100  
 2000 1000

10 11.82

46 7400



$$\Delta P_1: P_1^2/P_2^2 = 240$$

$$\Delta P_2: P_1^2/P_2^2 = 50$$

$$Q_1 = 653.1 \text{ m}^3/\text{s}$$

$$Q_2 = 253.1 \text{ m}^3/\text{s}$$

$$100 Q_1 = 2.815$$

$$100 Q_2 = 2.512$$

$$72 = 503$$