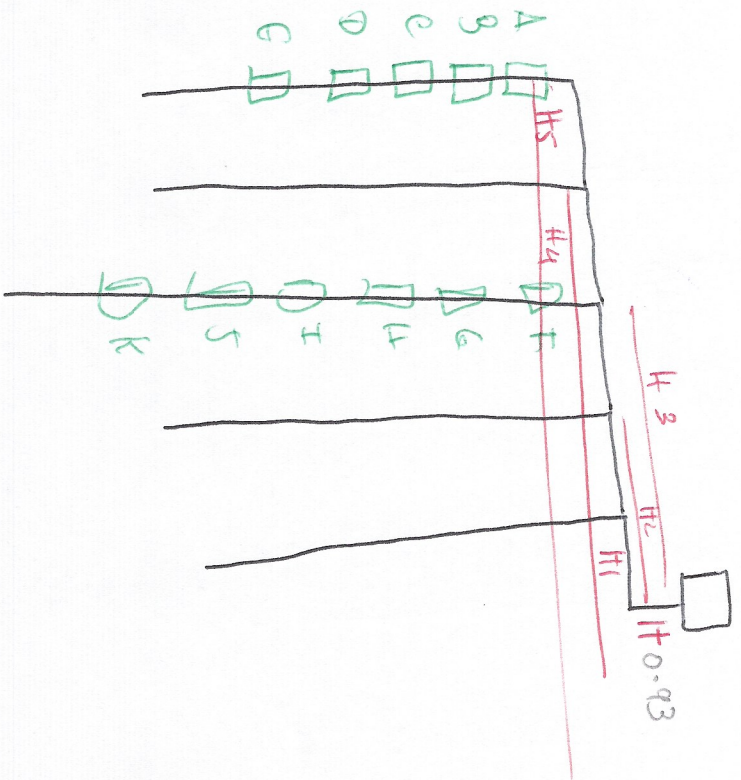


# Flood risk

14.4



$$A = 0.31$$

$$B = 1.4$$

$$C = 2.56$$

$$D = 3.68$$

$$E = 4.8$$

$$TOTAL = 12.75$$

$$\times 4 = 51$$

No. of filter parameters ignored

$$F = 0.24$$

$$G = 1.29$$

$$H = 2.28$$

$$I = 3.3$$

$$J = 4.27$$

$$K = 5.17$$

$$TOTAL = 16.55$$

$$H_1 + H_4 (FIL H_1) = 1.59 \times 5 = 7.95$$

$$H_2 + H_1 (FIL H_2) = 2.84 \times 5 = 14.2$$

$$H_3 + H_4 (FIL H_3) = 4.44 \times 6 = 26.64$$

$$H_4 + H_4 (FIL H_4) = 5.92 \times 5 = 29.6$$

$$H_5 + H_4 (FIL H_5) = 7.17 \times 5 = 35.85$$

$$TOTAL: 114.24 \text{ cm}$$

Result:-

$$114.24 + 51 + 16.55 = 181.79$$

$$312.7 \text{ mm}$$