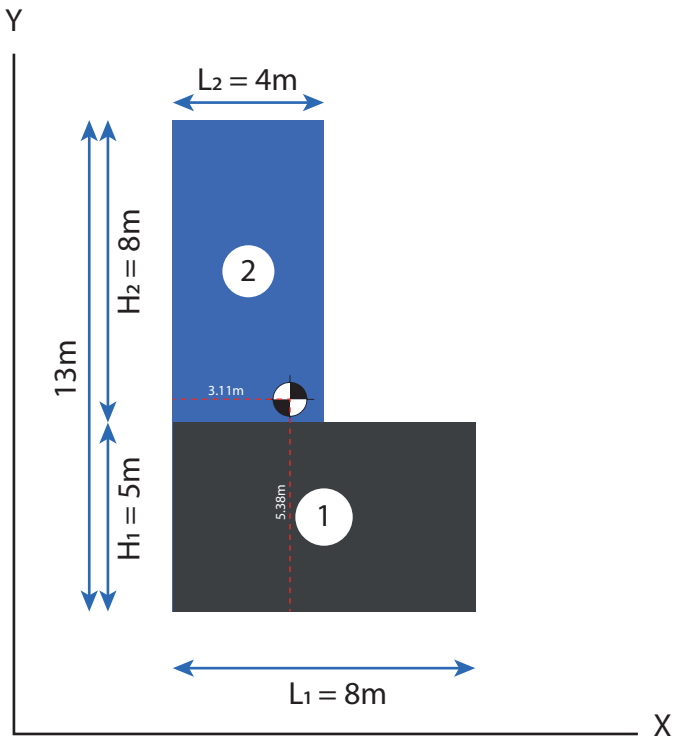

$a_1 = (L1xH1) = (5x8)m = 40m^2$
$x_1 = (L_1 \div 2) = (8 \div 2) = 4m$
$y_1 = (H_1 \div 2) = (5 \div 2) = 2.5m$

$a_2 = (L_2 x H_2) = (4x8) = 32m^2$
$x_2 = (L_2 \div 2) = (4 \div 2) = 2m$
$y_2 = (H_2 \div 2) + H_1 = (8 \div 2) + 5 = 9m$

$$\overline{X} = \frac{a_1x_1 + a_2x_2}{a_1+a_2}$$

$$\frac{(40x4)+(32x2)}{40+32}$$

$$\frac{224}{72}$$

$$\overline{X} = 3.11m$$

$$\overline{Y} = \frac{a_1y_1 + a_2y_2}{a_1+a_2}$$

$$\frac{(40x2.5)+(32x9)}{40+32}$$

$$\frac{388}{72}$$

$$\overline{Y} = 5.38m$$