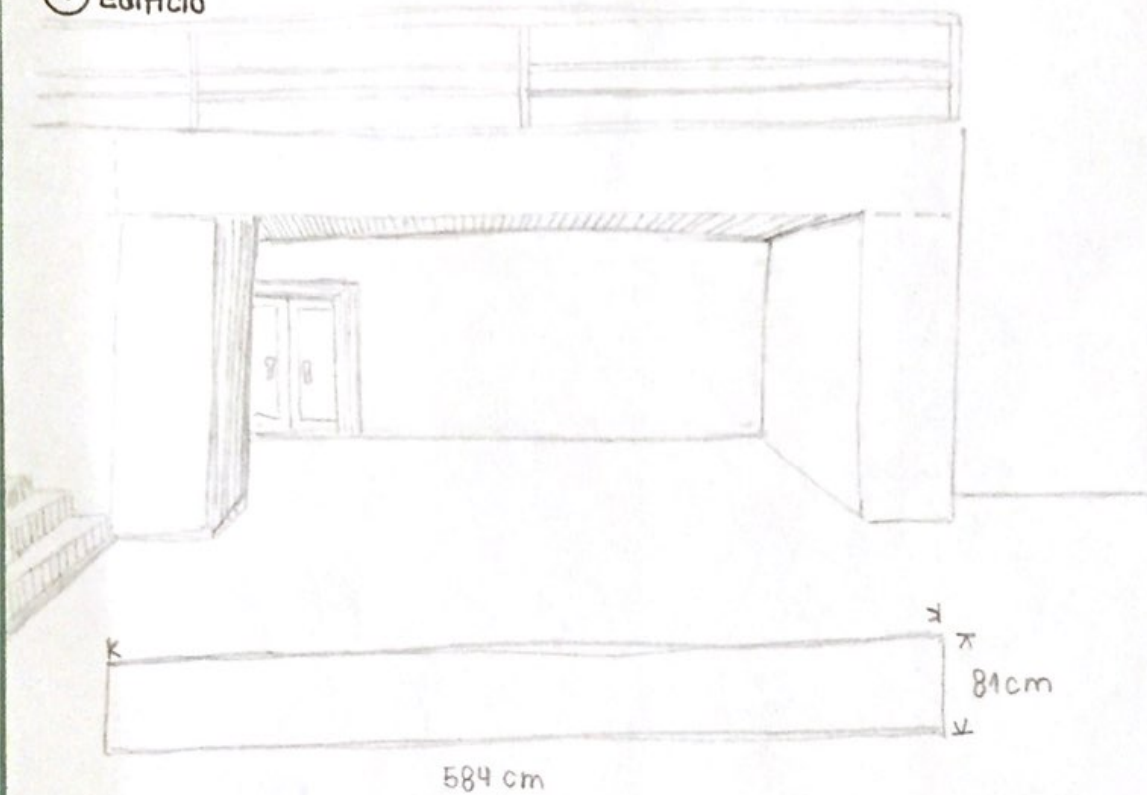


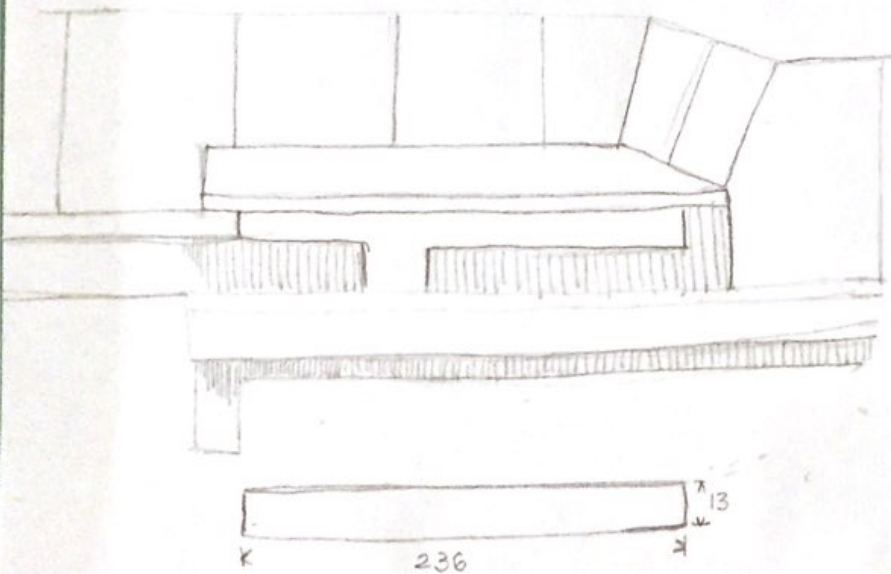
# Elemento estructural: Vigas

① Edificio



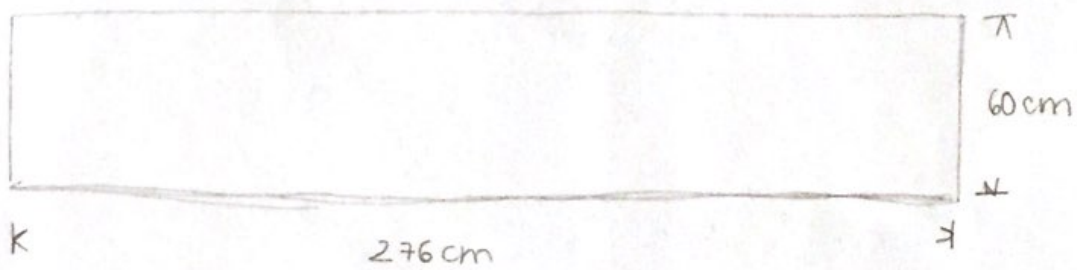
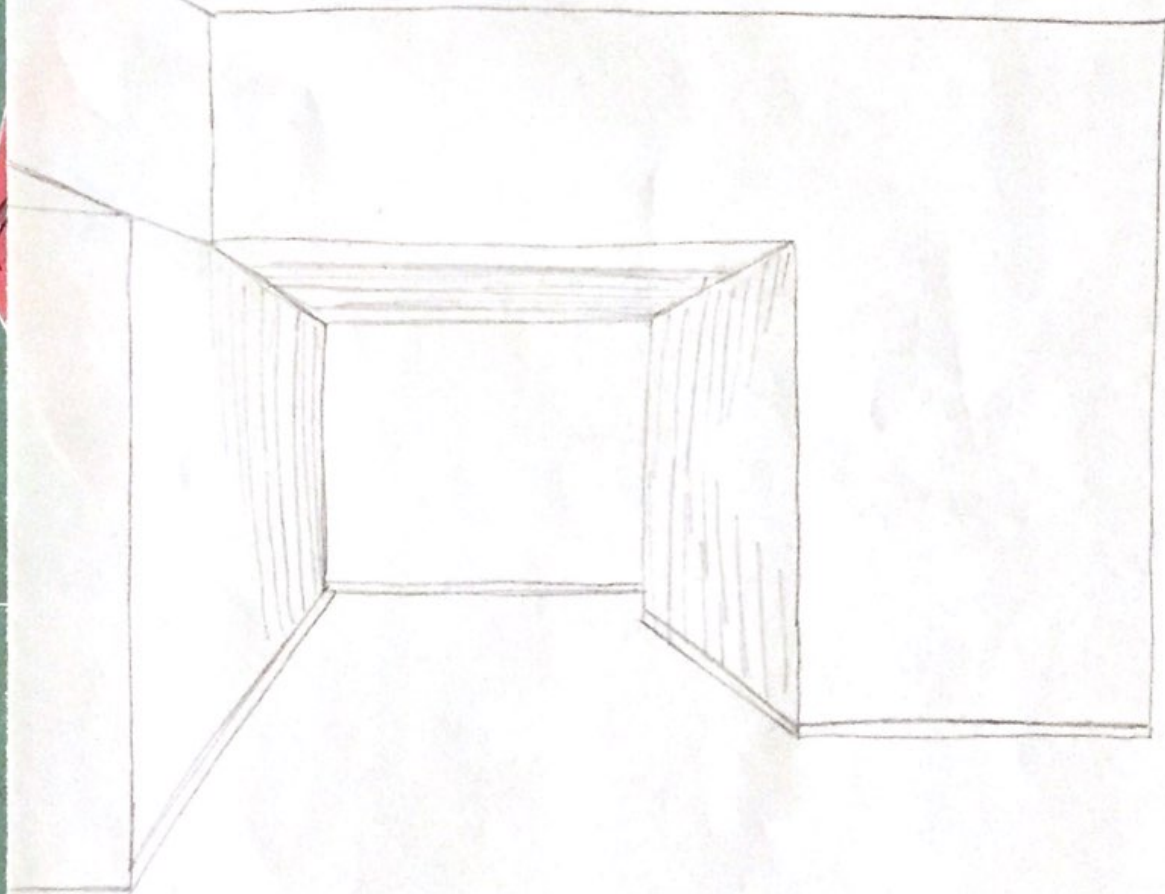
$$\Rightarrow I_x = \frac{b \cdot h^3}{12} = \frac{584 \cdot 81^3}{12} = 25.863.462$$

② Mueble



$$\begin{aligned} I_x &= \frac{b \cdot h^3}{12} \\ &= \frac{236 \cdot 13^3}{12} \\ &= 43.207,7 \end{aligned}$$

③ A elección



$$\Rightarrow I_y = \frac{b \cdot h^3}{12} = \frac{276 \cdot 60^3}{12} = 4.968.000$$