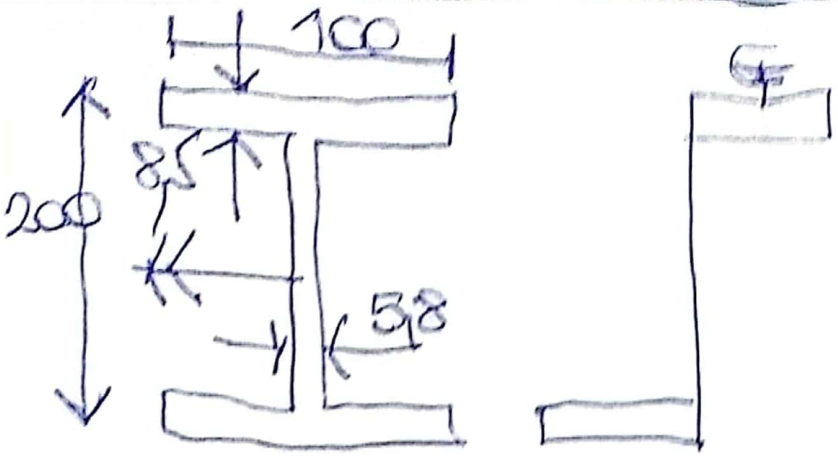
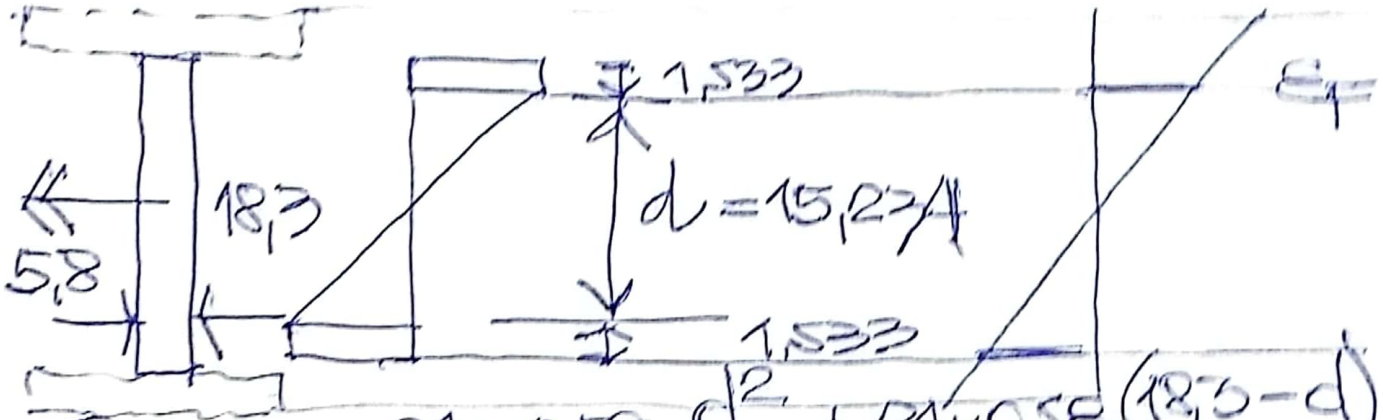


48,028 kNm $CF \times 10 \times 0,85 \times (20 - 0,85)$

$39,066$



$$8,962 = 24 \times 0,58 \frac{d^2}{6} + 24 \times 0,58 \frac{(18,3 - d)}{2}$$

ebalt.

$$\times d + \frac{(18,3 - d)}{2} \cdot$$

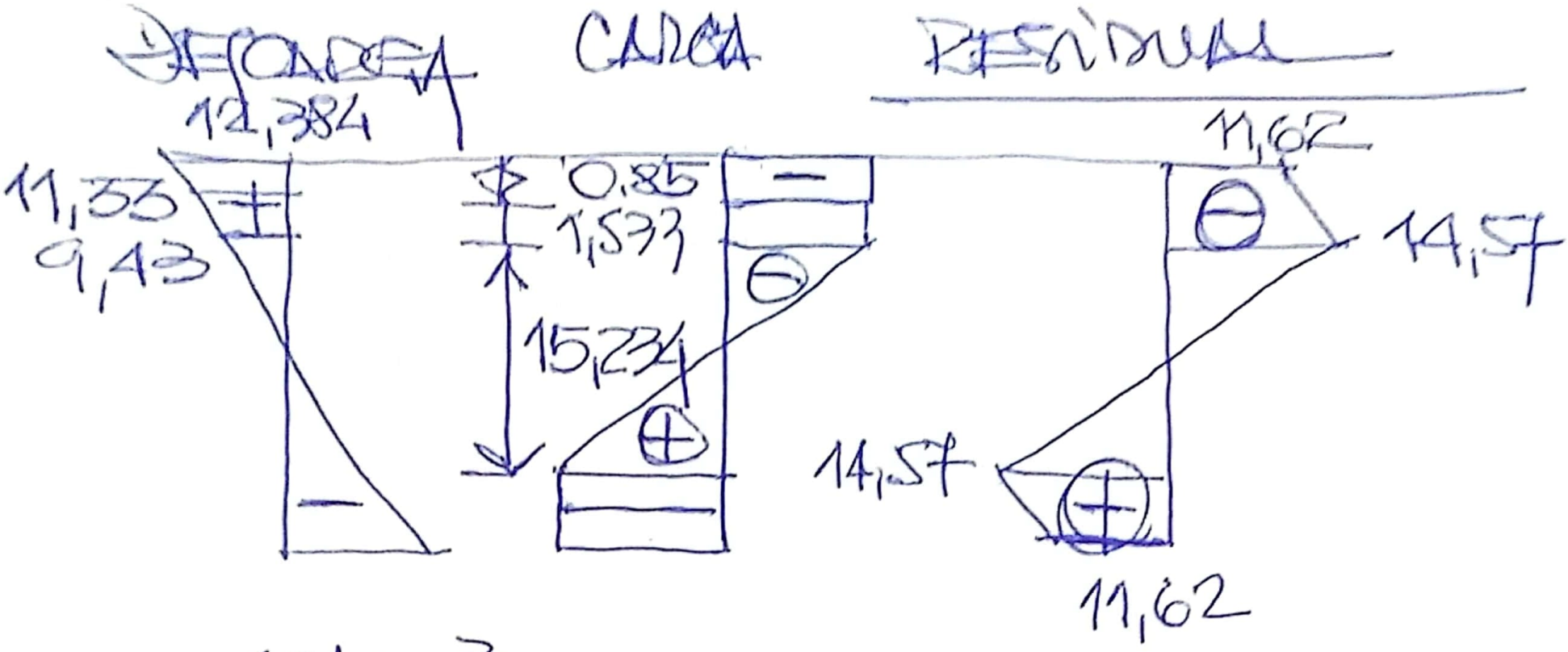
plast = 0

$$\frac{8,962}{24 \times 0,58} = \frac{d^2}{6} + \left(\frac{18,3 - d}{2}\right)\left(\frac{18,3 + d}{2}\right)$$

$$= \frac{d^2}{6} + \left(\frac{18,3}{2}\right)^2 - \left(\frac{d}{2}\right)^2 = 83,7225 + d^2\left(\frac{4 - 6}{24}\right)$$

$$\frac{d^2}{12} = 83,7225 - \frac{8,962}{24 \times 0,58}$$

Escaneado con CamScanner



$$S_y = 194\ cm^3$$

$$\sigma_D = \frac{2402{,}4\ kg/cm}{194\ cm^3} = 12{,}384$$

Escaneado con CamScanner