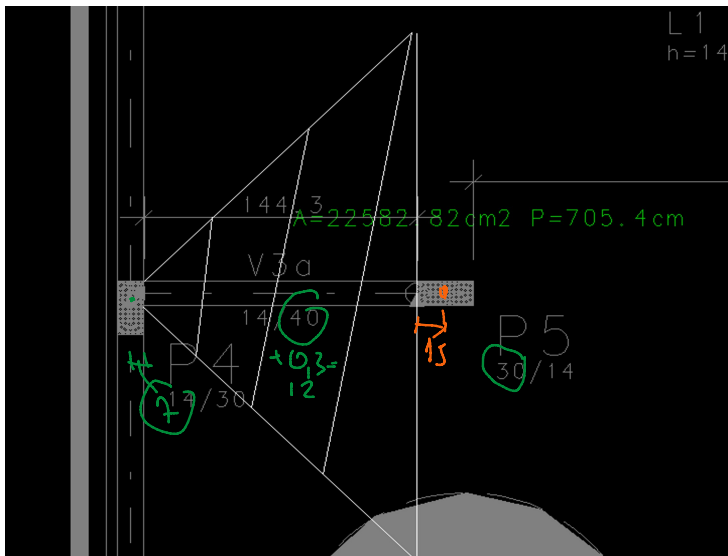
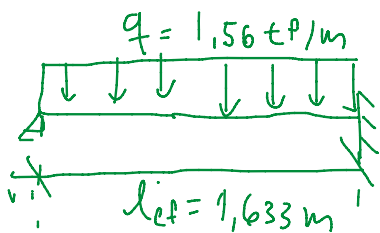


ESTIMATIVAS DE ESFORÇOS POR PROCESSO SIMPLIFICADO V3 DO TELHADO



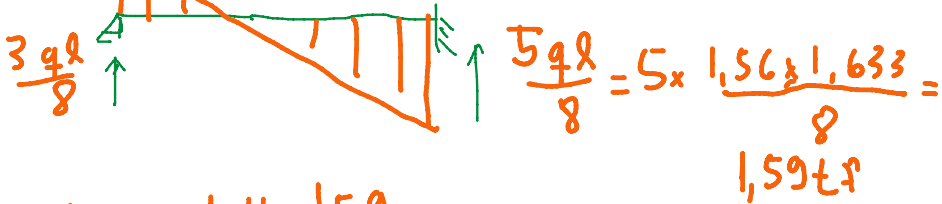
$$q = 1,0 \frac{\text{t}}{\text{m}^2} \times \frac{2,25 \text{ m}^2}{1,443} =$$

$$1,56 \frac{\text{tf}}{\text{m}}$$



$$l_{ef} = 144,3 + 7 + 12 = 163,3 \text{ cm}$$

CORANTE



$$\tau_{sd} = \frac{1,4 \times 159}{0,4 \times 0,4} = 40 \frac{\text{tf}}{\text{m}^2}$$

$$0,40 \text{ MPa}$$