

$$\sum F_{ix} = 0; \quad R_{ax} - 10 \cdot 3/2 = 0$$

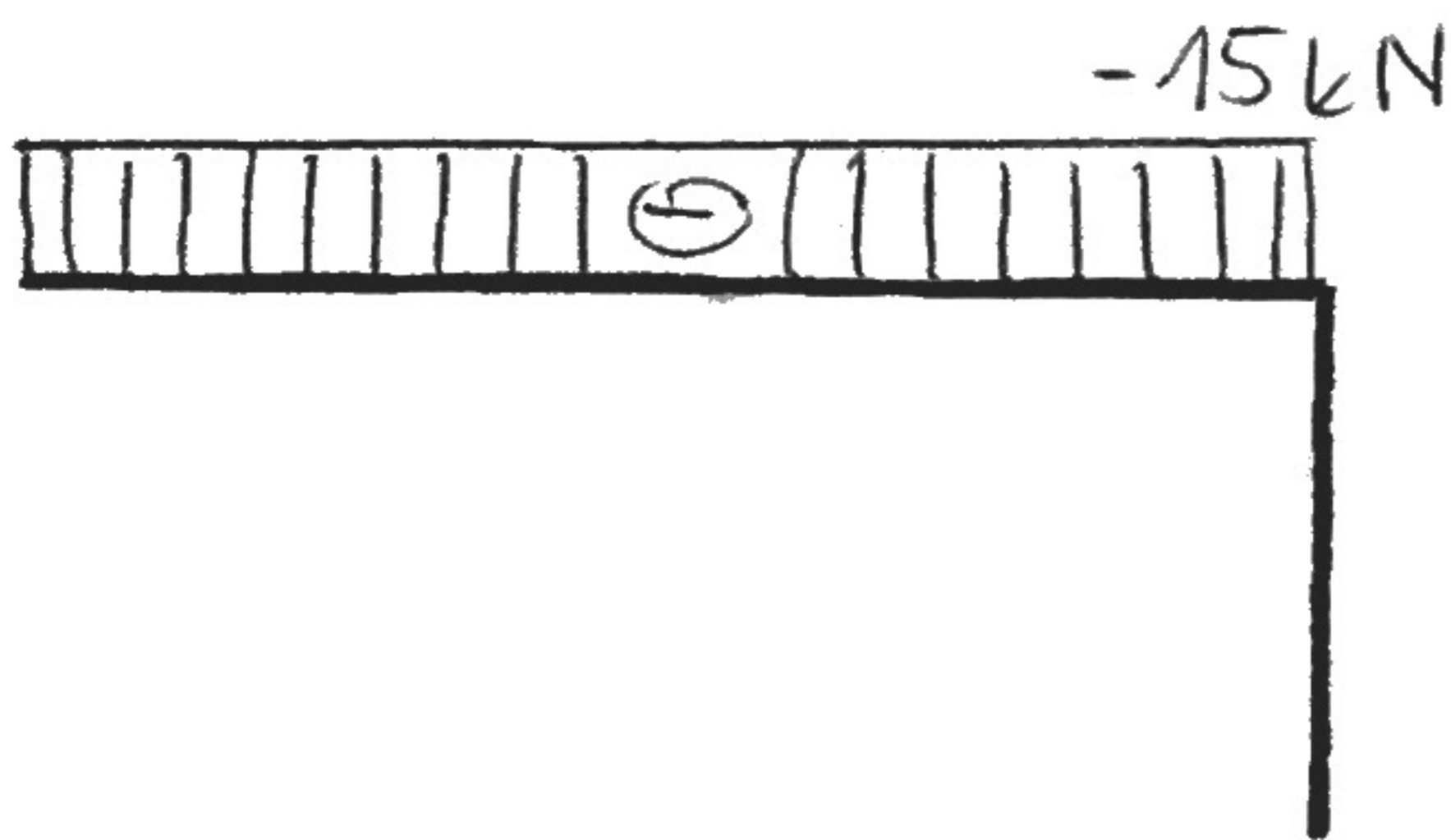
$$\underline{R_{ax} = 15 \text{ kN}}$$

$$\sum F_{iz} = 0; \quad \underline{R_{az} = 0 \text{ kN}}$$

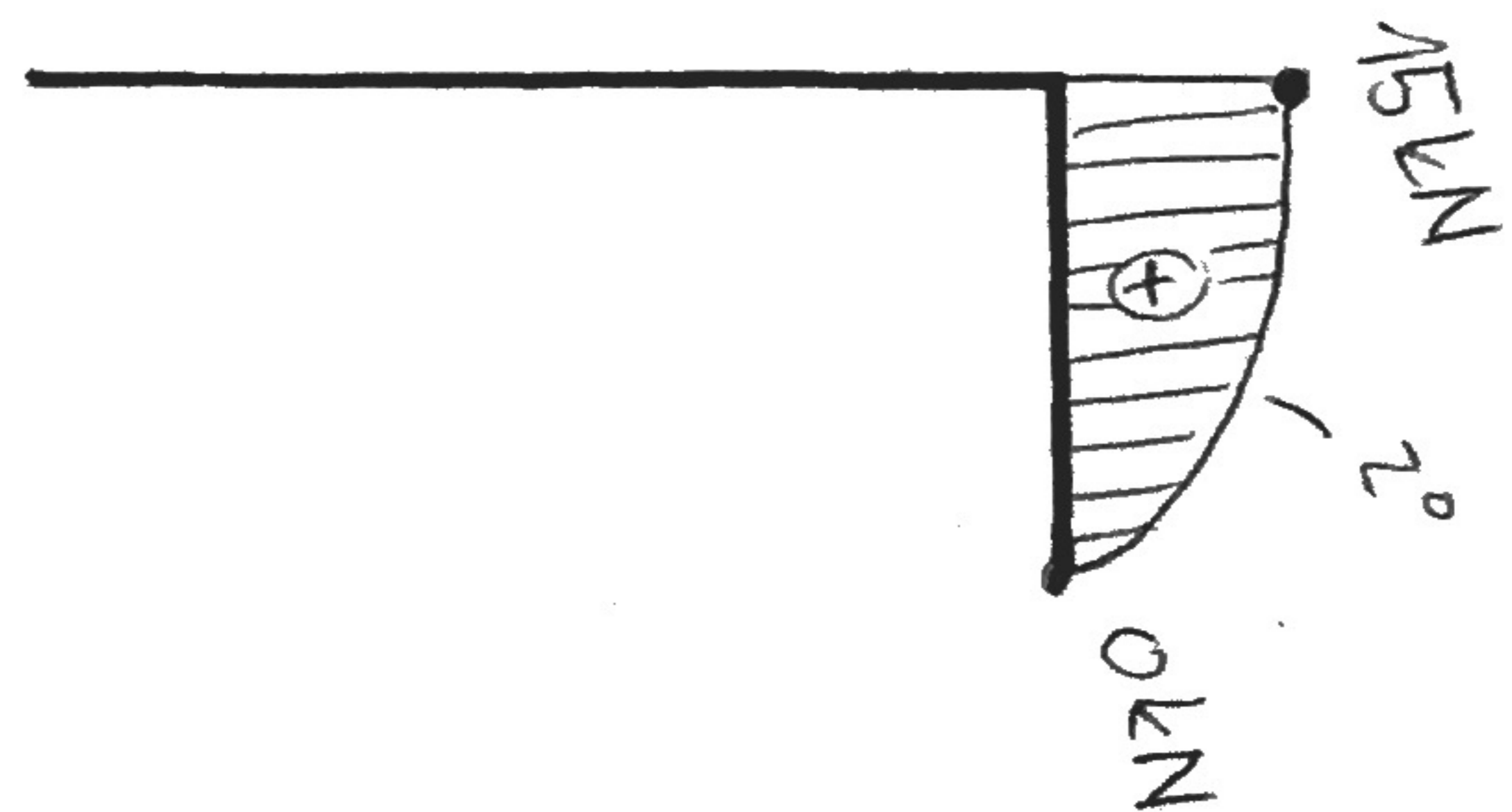
$$\sum M_{ia} = 0; \quad R_{Ma} - 10 \cdot 3/2 \cdot \frac{2}{3} \cdot 3 = 0$$

$$\underline{R_{Ma} = 30 \text{ kNm}}$$

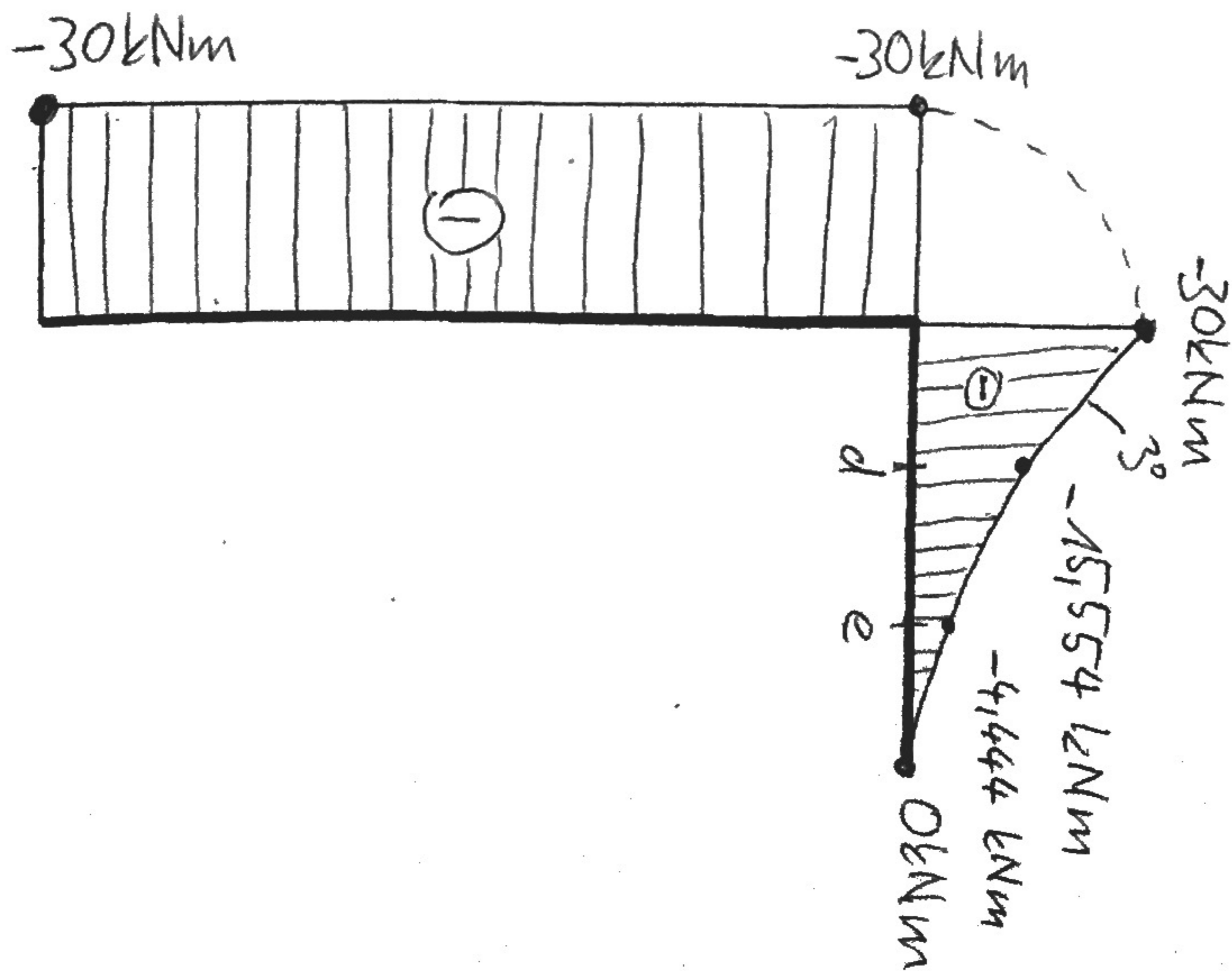
(N)



(V)



(M)



$$M_e^P = -6,666 \cdot 1 \cdot 1/2$$

$$-3,333 \cdot 1/2 \cdot \frac{2}{3} \cdot 1$$

$$\underline{M_e^P = -4,444 \text{ kNm}}$$

$$M_d^P = -3,333 \cdot 2 \cdot 2/2$$

$$-6,666 \cdot 2/2 \cdot \frac{2}{3} \cdot 2$$

$$\underline{M_d^P = -15,554}$$