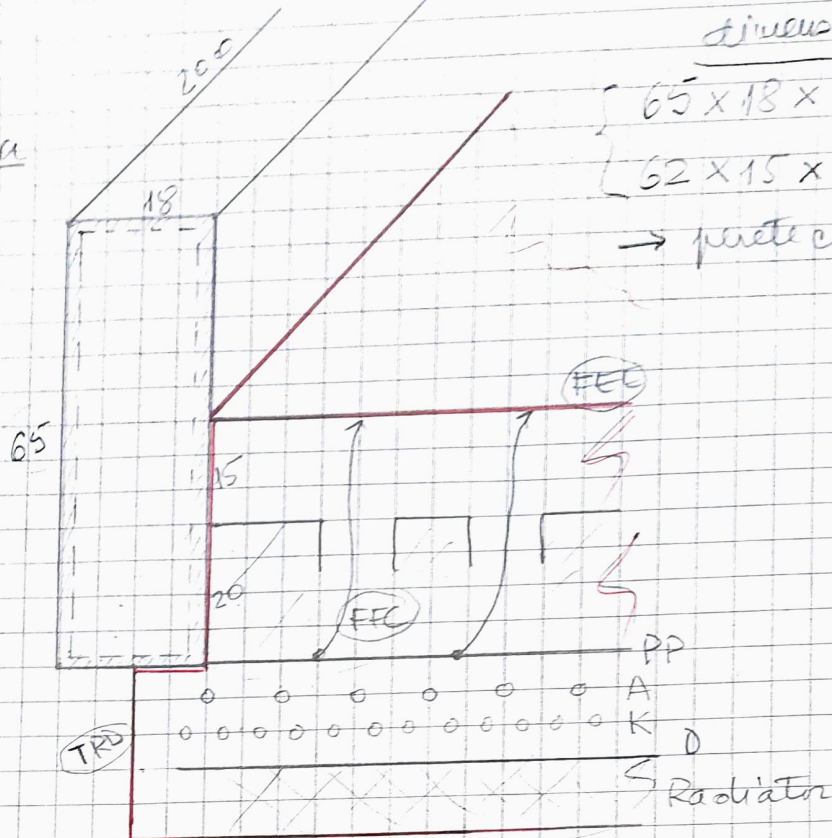
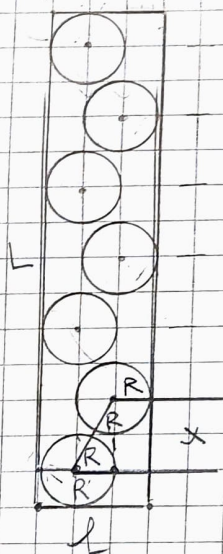


① Cutia



dimensiuni cutie:
 $65 \times 18 \times 200$ ext
 $62 \times 15 \times 197$ int
 $\rightarrow$ perete cutie $\neq 1,5 \text{ mm}$

(interior)



2. Calculare L (lungime pânou - intern)

$$\begin{cases} L = 6x + 2R \\ x^2 + R^2 = (2R)^2 \rightarrow x = \sqrt{3} \cdot R \end{cases} \quad L = (6\sqrt{3} + 2) \cdot R$$

$$L = 12,4 \cdot R$$

$$L = 3R$$

$$\text{st. } R = 5 \rightarrow L_{\text{int}} = 62 \text{ mm (interior)}$$

$$L_{\text{ext}} = 65 \text{ mm}$$

$$\neq \text{perete cutie} = 1,5 \text{ mm}$$

$$L_{\text{int}} = 15 \text{ mm (interior)}$$

3. Conectori LEMO-05

$$\begin{cases} \phi_{\text{pânou}} = 8,5 \text{ mm} \\ \phi_{\text{prueta}} = 9,2 \text{ mm} \end{cases}$$

$\rightarrow$ necesitat st. fiecare conector 05
 $\text{un } \phi = 2R = 10,0 \text{ mm}$