

**Nombre de alumno:**

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**Nombre del profesor:**

Pedro Alberto García López

**Nombre del trabajo:**

Métodos Energeticos

**Materia:**

Análisis de estructuras

**Grado:** 5to Cuatrimestre

**Carrera y Grupo:** Arquitectura, A

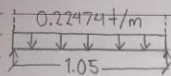


## Cerramiento 1

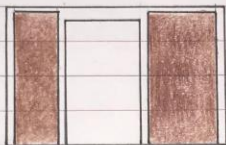
CR1

$$\text{Area} = 0.6006$$

$$\frac{0.6006 \text{ m}^2 (580 \text{ Kg/m}^2) = 348.348 \text{ Kg/m}^2 = 224.74 \text{ Kg/m}}{1.55}$$



$$\frac{1.05}{12} = 0.0875 \\ = 20 //$$

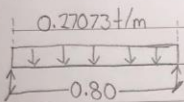


## Cerramiento 2

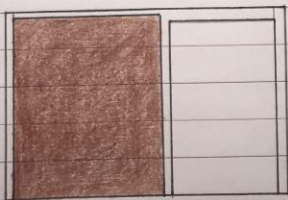
CR2

$$\text{Area} = 0.8869$$

$$\frac{0.8869 \text{ m}^2 (580 \text{ Kg/m}^2) = 514.402 \text{ Kg/m}^2 = 270.73 \text{ Kg/m}}{1.90}$$



$$\frac{0.80}{12} = 0.066 \\ = 20 //$$



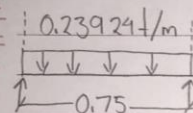
## Cerramiento 3

CR3

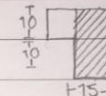
$$\text{Area 1} = 0.6806$$

$$\text{Area 2} = 0.6781$$

$$\frac{0.6806 \text{ m}^2 (580 \text{ Kg/m}^2) = 394.748 \text{ Kg/m}^2 = 239.24 \text{ Kg/m}}{1.65}$$



$$\frac{0.75}{12} = 0.0625 \\ = 20 //$$



$$\text{Area 2} = 0.6781 (580 \text{ Kg/m}^2) = 393.289 \text{ Kg/m}^2 = 238.36 \text{ Kg/m}}{1.65}$$

$$239.24 \text{ Kg/m} + 238.36 \text{ Kg/m} = 477.6 \text{ Kg/m}^2 //$$

