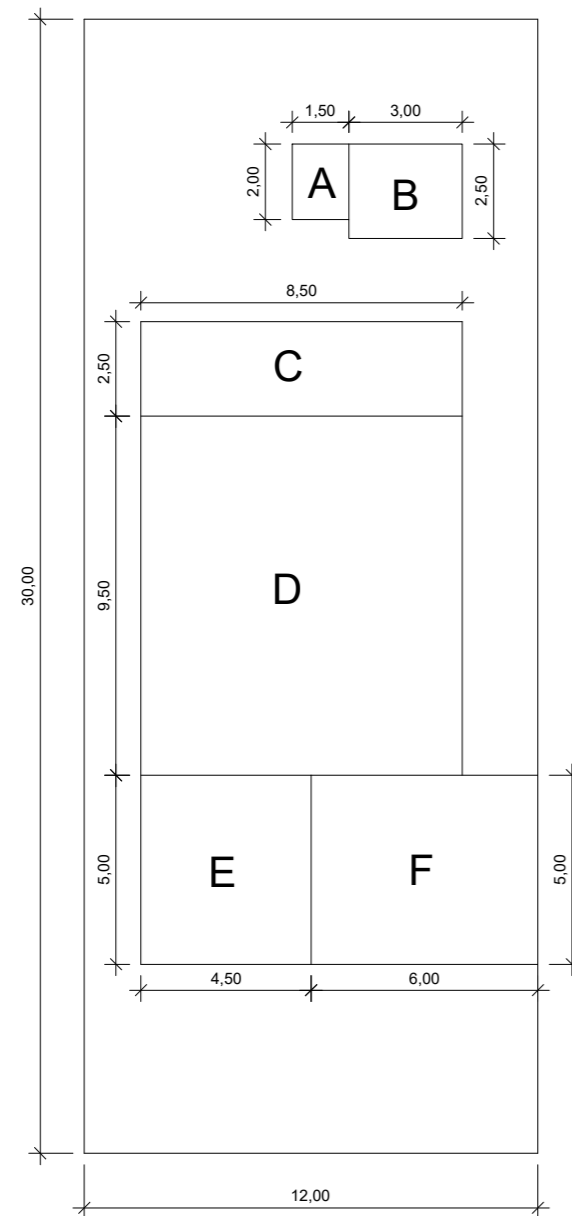
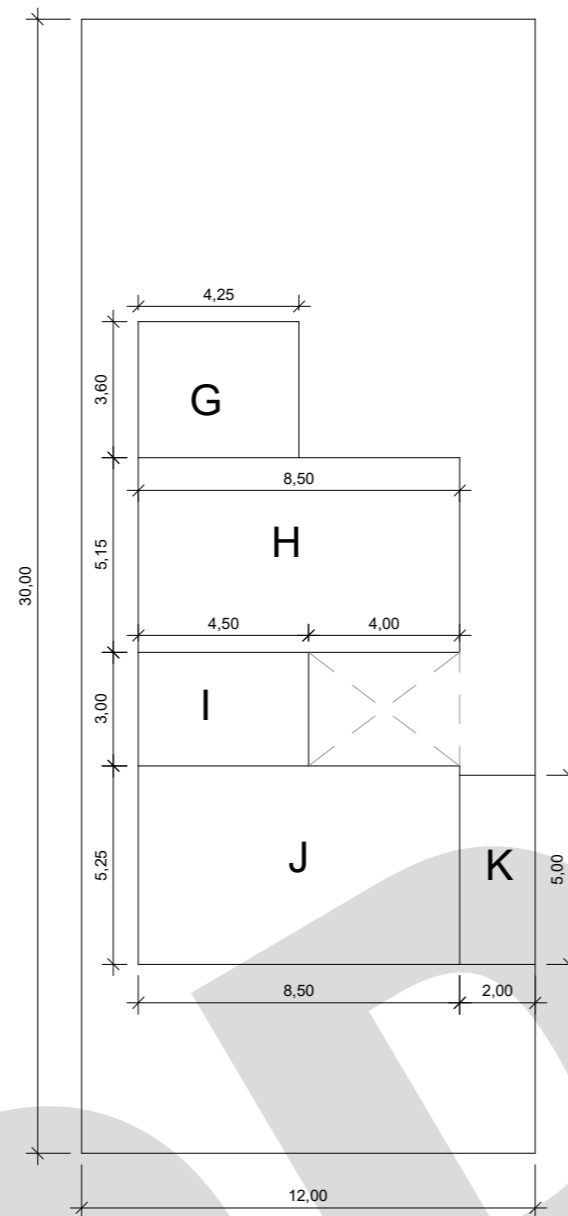


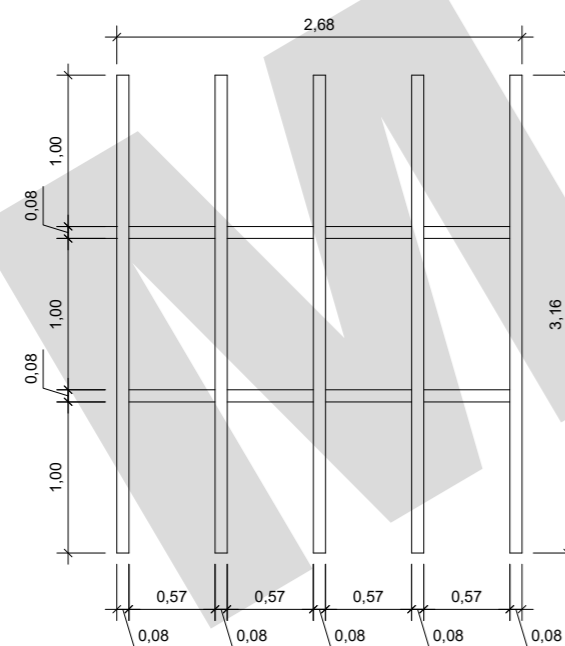
MODELO DE CÁLCULO DE ÁREAS



PAV. TÉRREO
ESCALA 1:200



PAV. SUPERIOR
ESCALA 1:200



DETALHE - PERGOLADO
ESCALA 1:50

$$\begin{aligned} \text{ÁREA TOTAL} &= 2,68 \times 3,16 = 8,47\text{m}^2 \\ \text{ÁREA VAZADA} &= (0,57 \times 1,00) \times 12 = 6,84\text{m}^2 \\ \text{ÁREA DAS NERVURAS} &= (0,08 \times 3,16) \times 5 + \\ &+ (0,57 \times 0,08) \times 8 = 1,63\text{m}^2 \end{aligned}$$

$$6,84 / 8,47 = 0,81 = 81\%$$

ATENDE O MÍNIMO DE 80% DE ÁREA VAZADA
CONFORME L.C. 09/2003

MEMORIAL DE CÁLCULO

PAV. TÉRREO

VARANDA

$$\text{ÁREA C} = 8,50 \times 2,50 = 21,25$$

RESIDÊNCIA

$$\text{ÁREA D} = 8,50 \times 9,50 = 80,75$$

$$\text{ÁREA E} = 4,50 \times 5,00 = 22,50$$

GARAGEM

$$\text{ÁREA F} = 6,00 \times 5,00 = 30,00$$

$$\text{TOTAL PAV. TÉRREO} = 154,50$$

PAV. SUPERIOR

$$\text{ÁREA G} = 4,25 \times 3,60 = 15,30$$

$$\text{ÁREA H} = 8,50 \times 5,15 = 43,78$$

$$\text{ÁREA I} = 3,00 \times 4,50 = 13,50$$

$$\text{ÁREA J} = 8,50 \times 5,25 = 44,63$$

$$\text{ÁREA K} = 2,00 \times 5,00 = 10,00$$

$$\text{TOTAL PAV. SUPERIOR} = 127,21$$

$$\text{TOTAL GERAL} = 281,71$$

PISCINA

$$\text{ÁREA A} = 2,00 \times 1,50 = 3,00$$

$$\text{ÁREA B} = 3,00 \times 2,50 = 7,50$$

$$\text{TOTAL PISCINA} = 10,50$$

ASSINATURA DO AUTOR