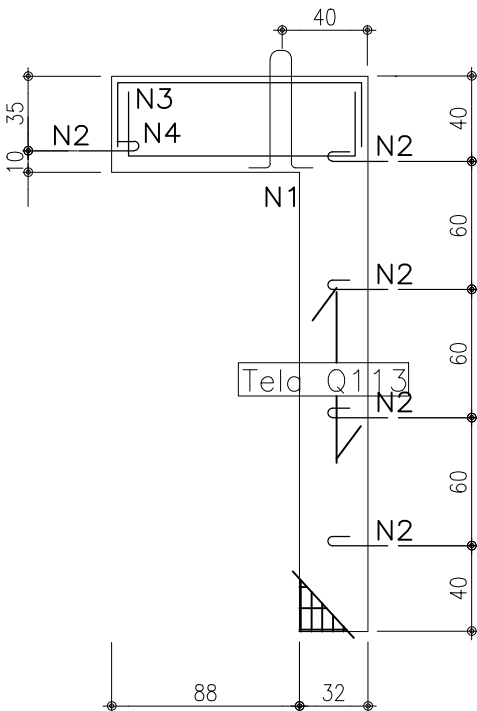
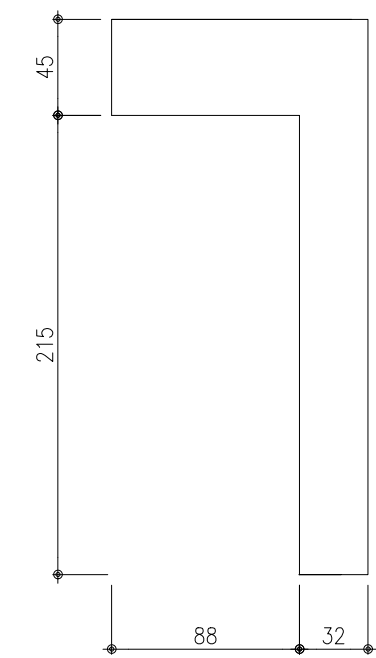
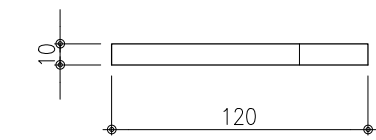
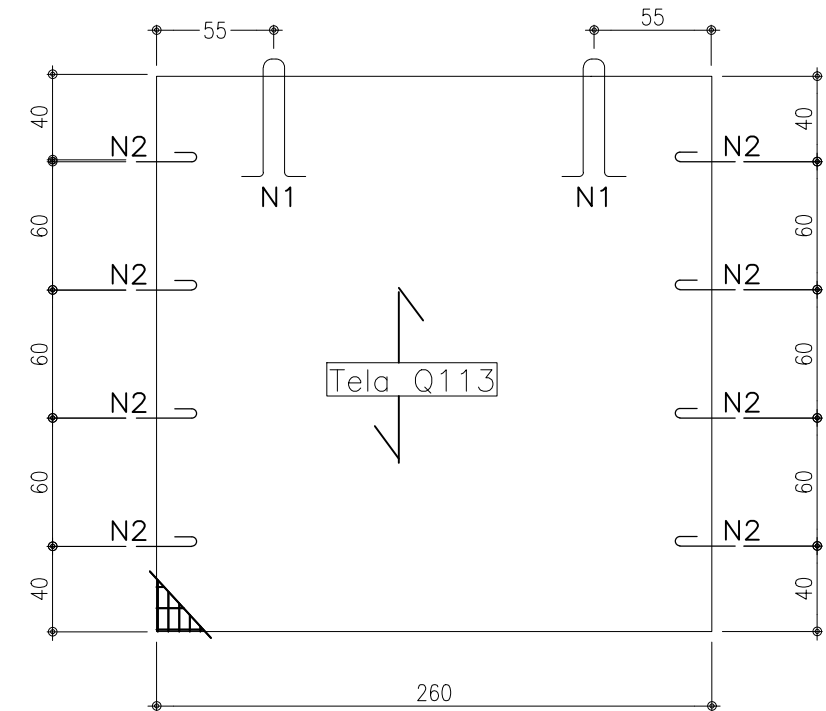
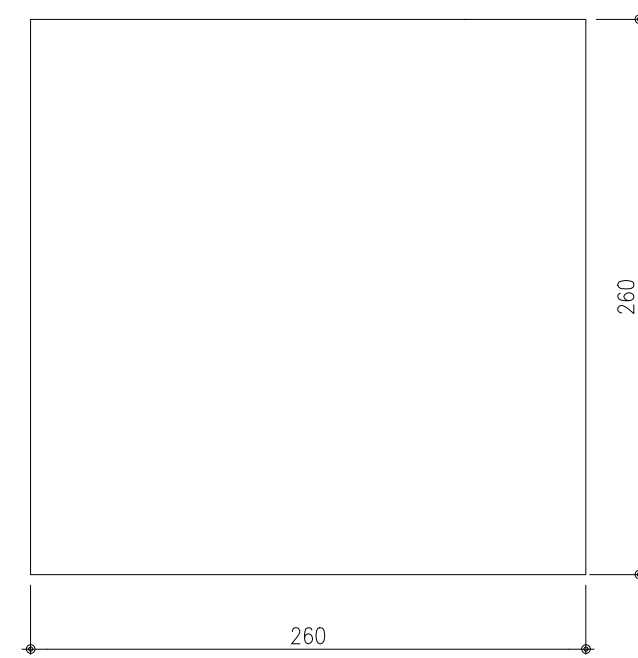
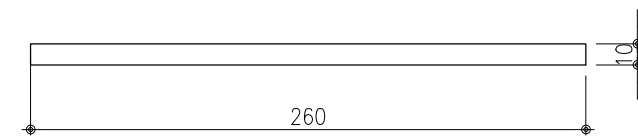


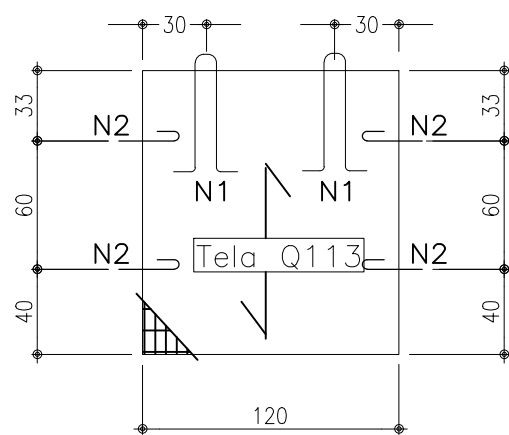
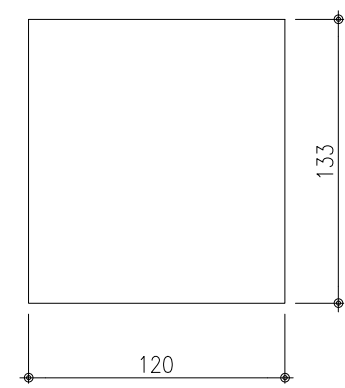
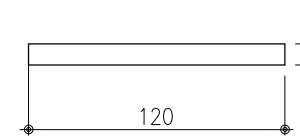
PA 10 - 1X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,123m³  
Peso = 307 kgf  
PLANTA BAIXA  
ESC.: 1:25



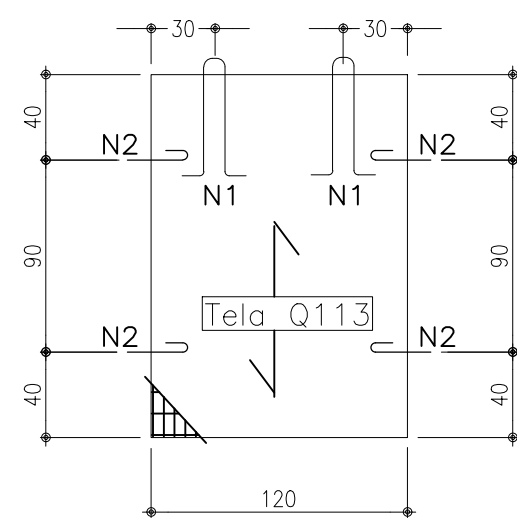
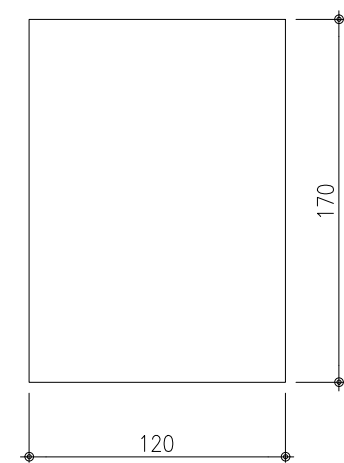
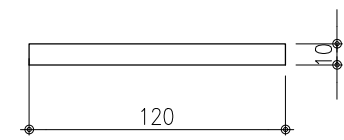
PA 11 - 1X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,676 m³  
Peso = 1.690 kgf  
PLANTA BAIXA  
ESC.: 1:25



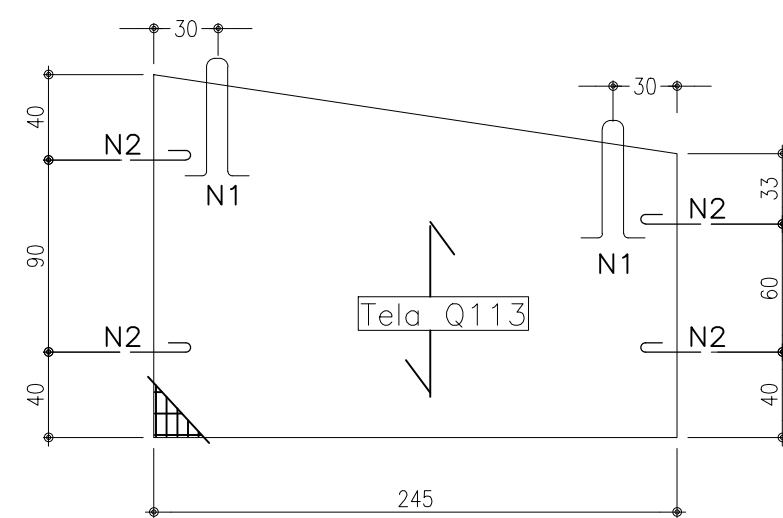
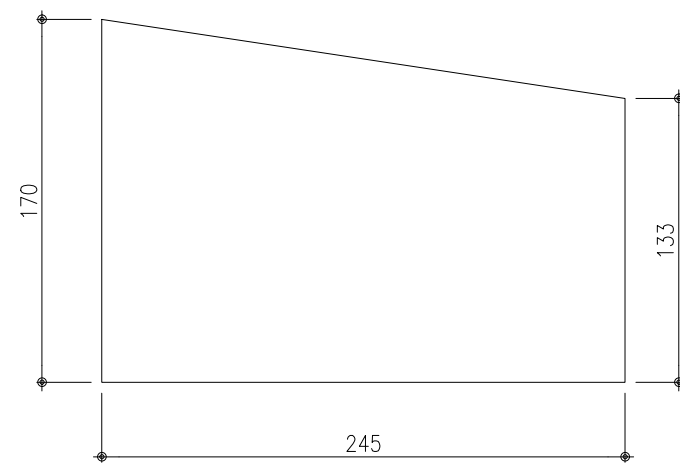
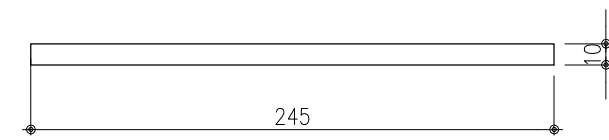
PB 01 - 1X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,16 m³  
Peso = 400 kgf  
PLANTA BAIXA  
ESC.: 1:25



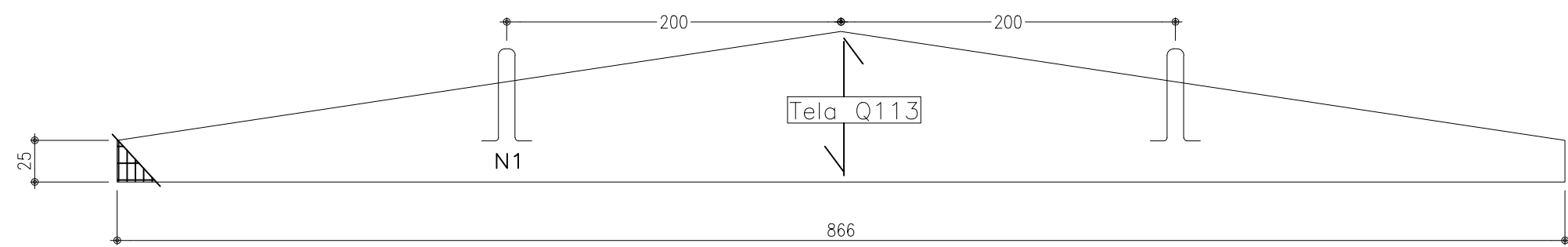
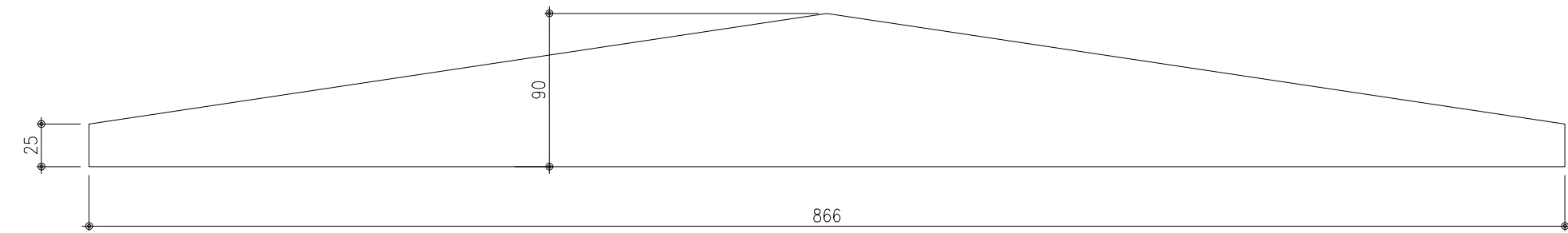
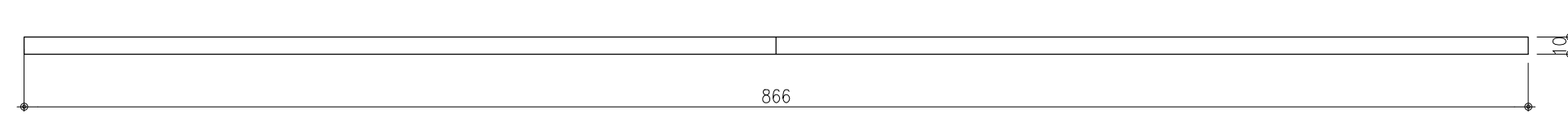
PB 02 - 1X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,20 m³  
Peso = 510 kgf  
PLANTA BAIXA  
ESC.: 1:25



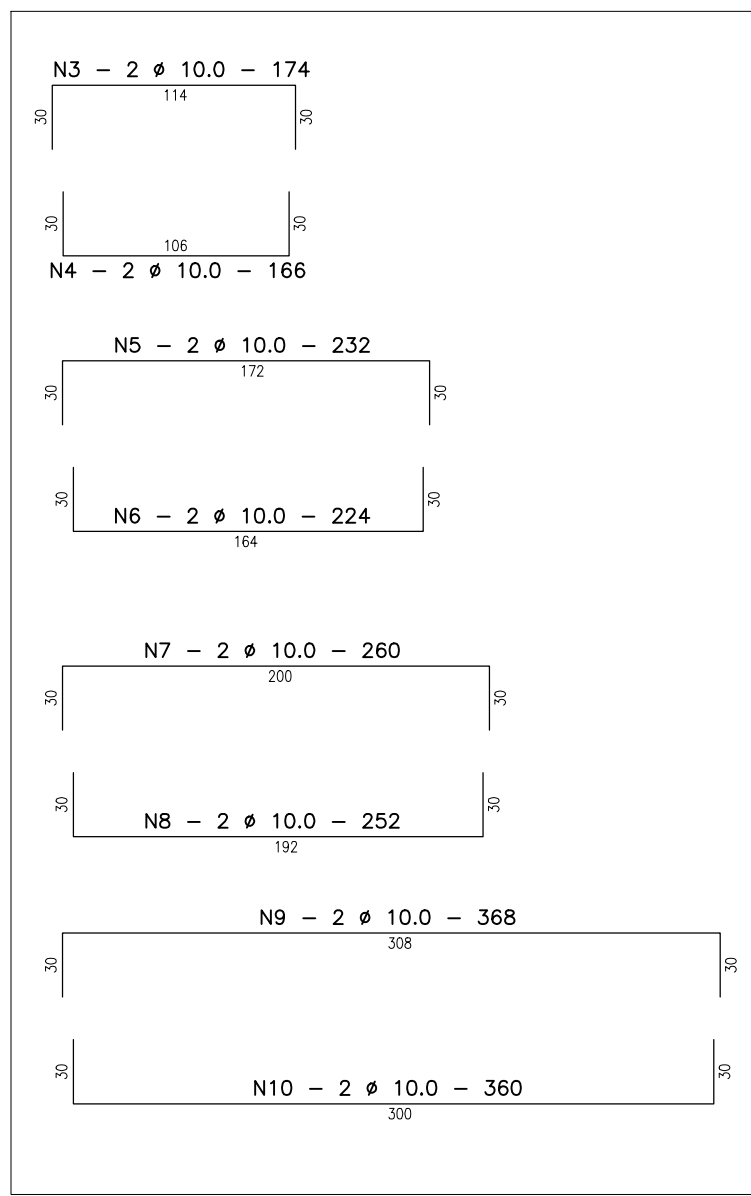
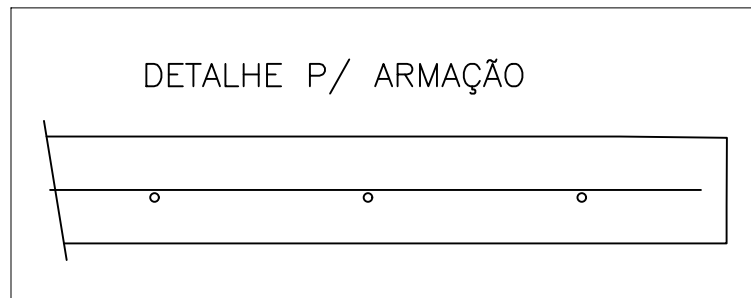
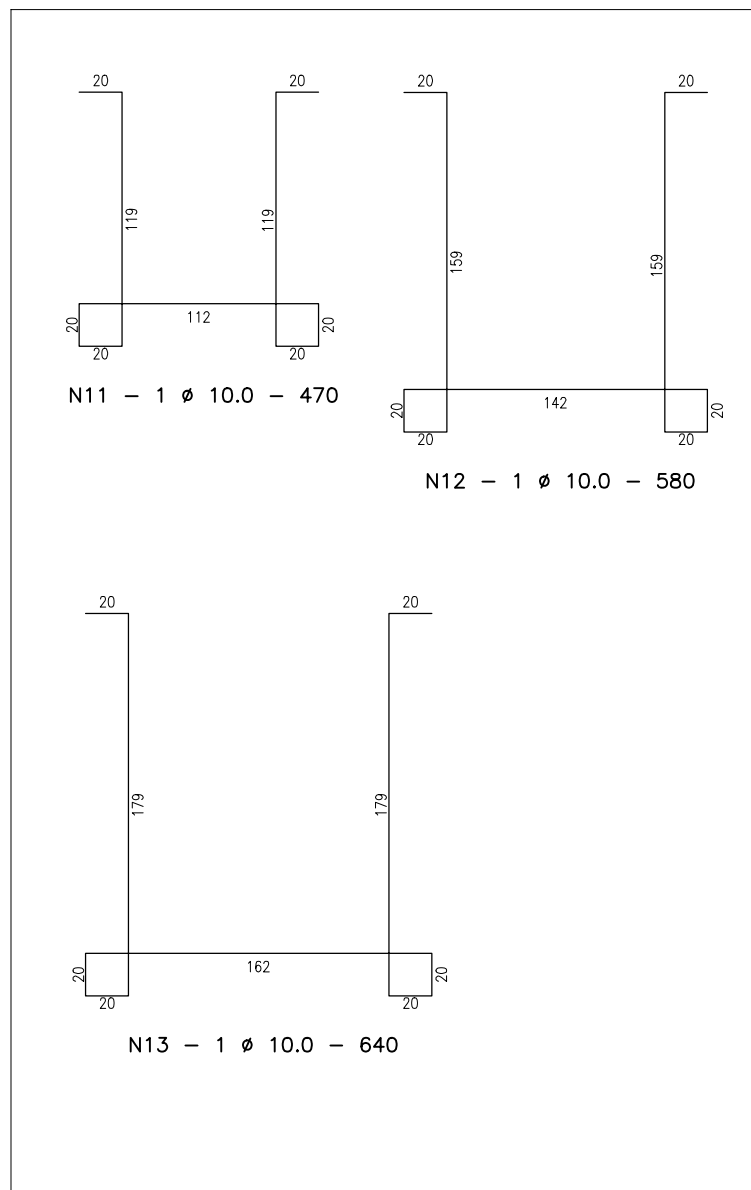
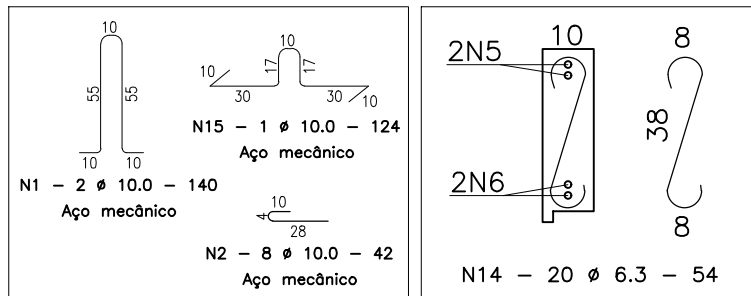
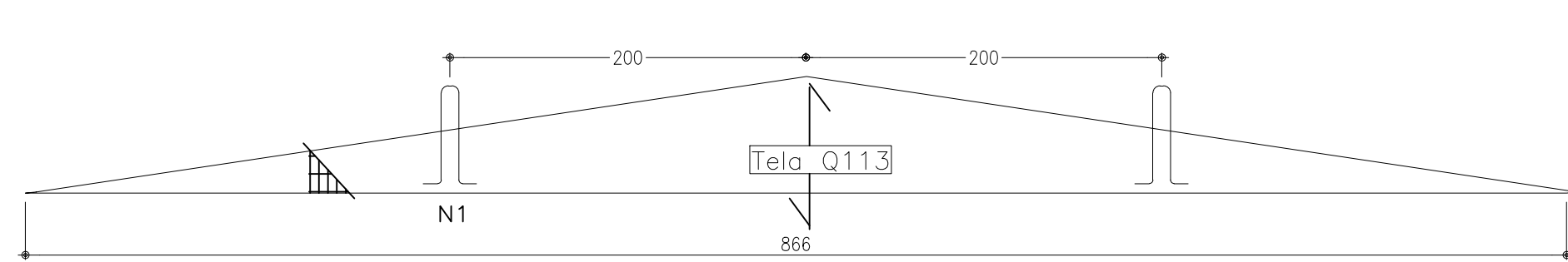
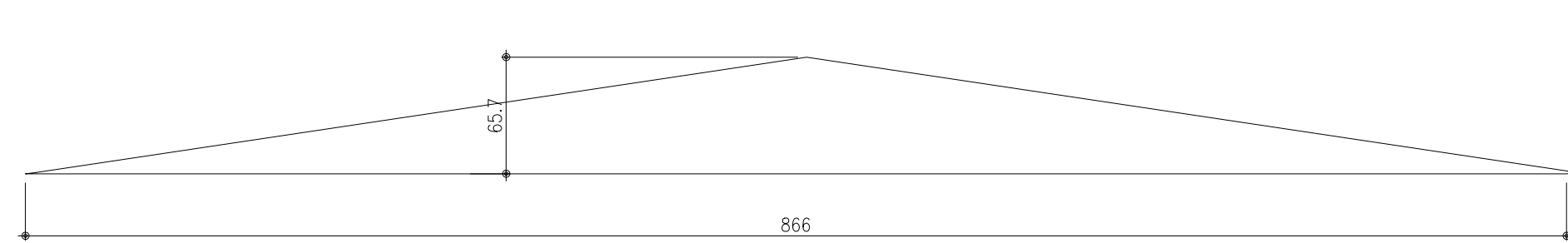
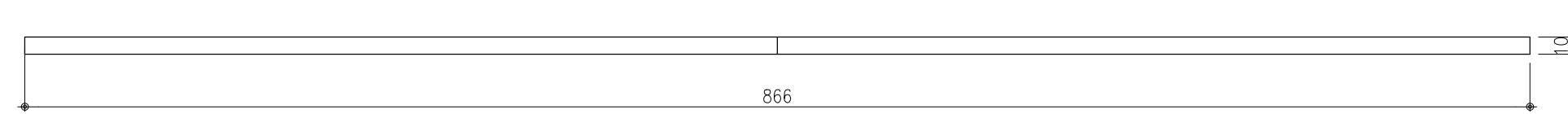
PB 03 - 2X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,381 m³  
Peso = 952,5 kgf  
PLANTA BAIXA  
ESC.: 1:25



PB 04 - 1X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,5 m³  
Peso = 1.175 kgf  
PLANTA BAIXA  
ESC.: 1:25



PB 05 - 1X  
ESC.: 1:25  
VOLUME UNITÁRIO = 0,29 m³  
Peso = 714,5 kgf  
PLANTA BAIXA  
ESC.: 1:25



#### TABELA DE AÇO - BARRAS

N	Ø	QUANT.	COMPRIMENTO (cm)		MASSA (kg)	
			UNITÁRIO	TOTAL	TOTAL	TOTAL + 5%
1	10	33	140	4.620	28,51	29,93
2	10	99	42	4.158	25,65	26,94
3	10	2	174	348	2,15	2,25
4	10	2	166	332	2,05	2,15
5	10	4	232	928	5,73	6,01
6	10	4	224	896	5,53	5,80
7	10	6	260	1560	9,63	10,11
8	10	6	252	1512	9,33	9,80
9	10	4	368	1472	9,08	9,54
10	10	4	360	1440	8,88	9,33
11	10	1	470	470	2,90	3,05
12	10	1	580	580	3,58	3,76
13	10	3	640	1920	11,85	12,44
14	6,3	128	54	6.912	16,93	17,78

#### TABELA DE AÇO - TELAS

POS	Q	QUANT.	AREA (m²)		MASSA (kg)	
			UNITÁRIO	TOTAL	TOTAL	TOTAL + 5%
PA 01	Q113	2	10,66	21,32	38,38	40,29
PA 02	Q113	1	11,83	11,83	21,29	22,36
PA 03	Q113	1	6,3	6,3	11,34	11,91
PA 04	Q113	1	7,47	7,47	13,45	14,12
PA 05	Q113	1	6,67	6,67	12,01	12,61
PA 06	Q113	1	5,85	5,85	10,53	11,06
PA 07	Q113	2	5,06	10,12	18,22	19,13
PA 08	Q113	1	4,86	4,86	8,75	9,19
PA 09	Q113	1	5,88	5,88	10,58	11,11
PA 10	Q113	1	1,23	1,23	2,21	2,33
PA 11	Q113	1	6,76	6,76	12,17	12,78
PB 01	Q113	1	1,6	1,6	2,88	3,03
PB 02	Q113	1	2,0	2,0	3,60	3,78
PB 03	Q113	2	3,81	7,62	13,72	14,41
PB 04	Q113	1	5,0	5,0	9,00	9,45
PB 05	Q113	1	2,9	2,9	5,22	5,48

CONSUMO DE CONCRETO EM PAREDES POR CASA = 10,74 m³  
TAXA DE AÇO EM PAREDES = 31,20 KG/m³

PREFEITURA MUNICIPAL DE CAMPO BOM/RS	DATA		A CASA É SUA		
	PROJETO		ESTRUTURAL 2 - RESIDÊNCIA PADRÃO		
	LOCAL		LOTEAMENTO VIDA NOVA - CAMPO BOM/RS		
	PROPRIETÁRIO		MUNICÍPIO DE CAMPO BOM		
	RESPONSÁVEL TÉCNICO		MARCELO RUANO PETZINGER		
DESENHO		Marcelo	DATA	JANEIRO/2024	
		ESCALA	1/20	ÁREA	41,24m²

02/03