

Relação do aço

3xS2	2xS3	2xS5	S5
3xS2	2xS3	2xS5	S5
2xSF1	SF4		

ACQ	N	DIAM	Q	UNIT	C.TOTAL
CASO	1	10,0	40	(cm)	272,8
	2	10,0	40	(cm)	538,0
	3	10,0	52	(cm)	1024,4
	4	10,0	52	(cm)	774,8
	5	12,5	78	(cm)	1723,8
	6	12,5	78	(cm)	1349,4
	7	12,5	28	(cm)	648,2
	8	12,5	28	(cm)	414,4
	9	12,5	38	(cm)	953,8
	10	12,5	38	(cm)	771,4

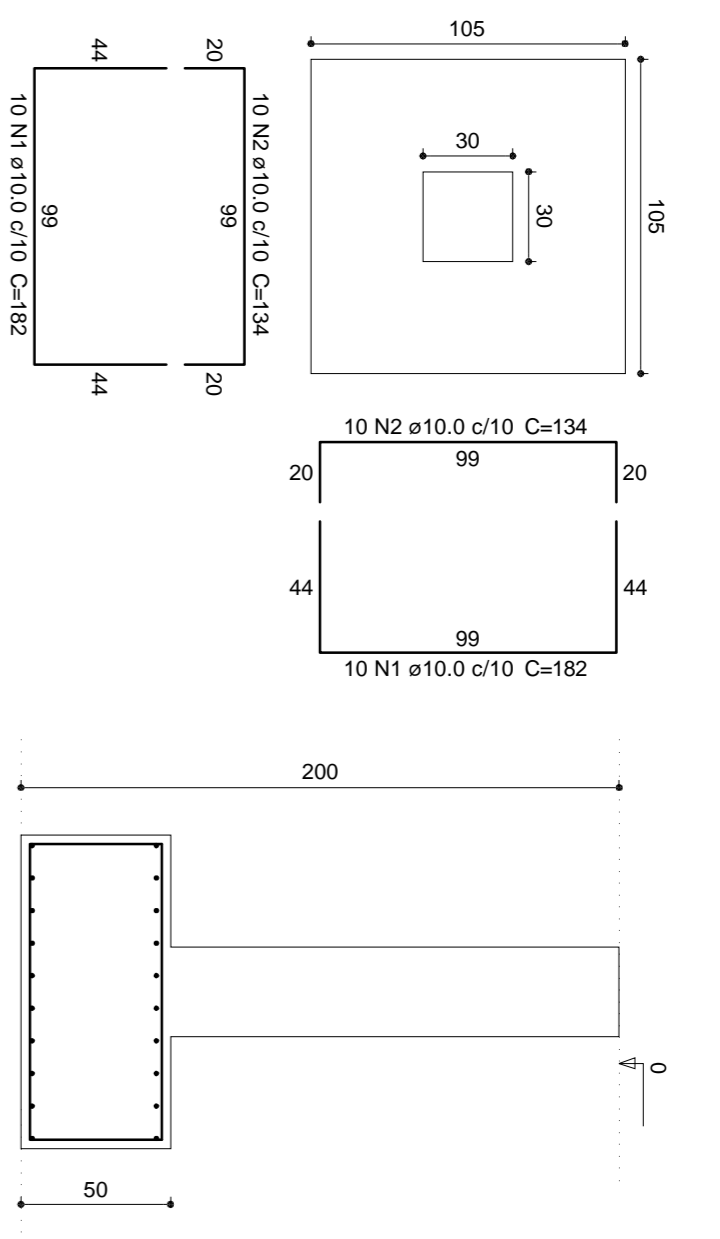
Resumo do aço

ACQ	DIAM	C.TOTAL	PESO
CASO	10,0	306,4	188,9
CASO	12,5	595,8	573,9
PESO TOTAL			762,8

Vol. de concreto total (C-25) = 8,43 m³
 Área de forma total = 24,3 m²

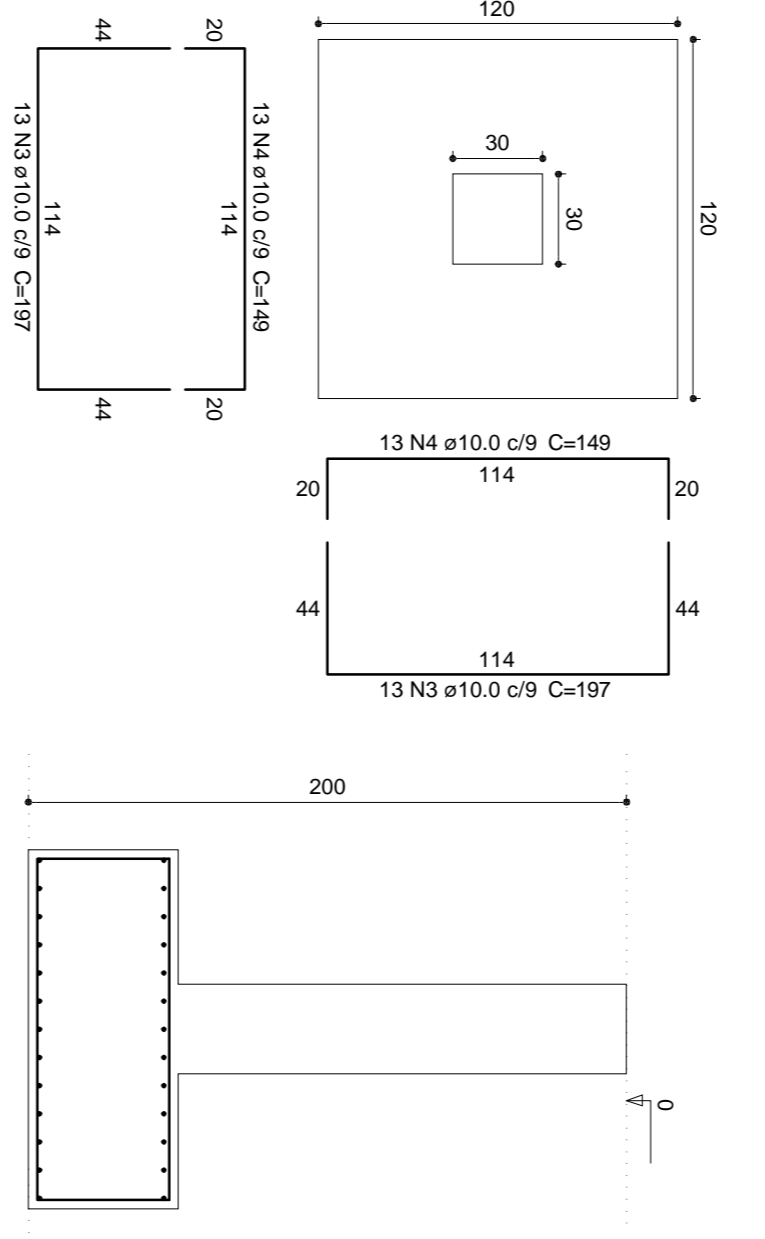
CASO 762,8

S3=S9
 Platina
 ESC 1:25



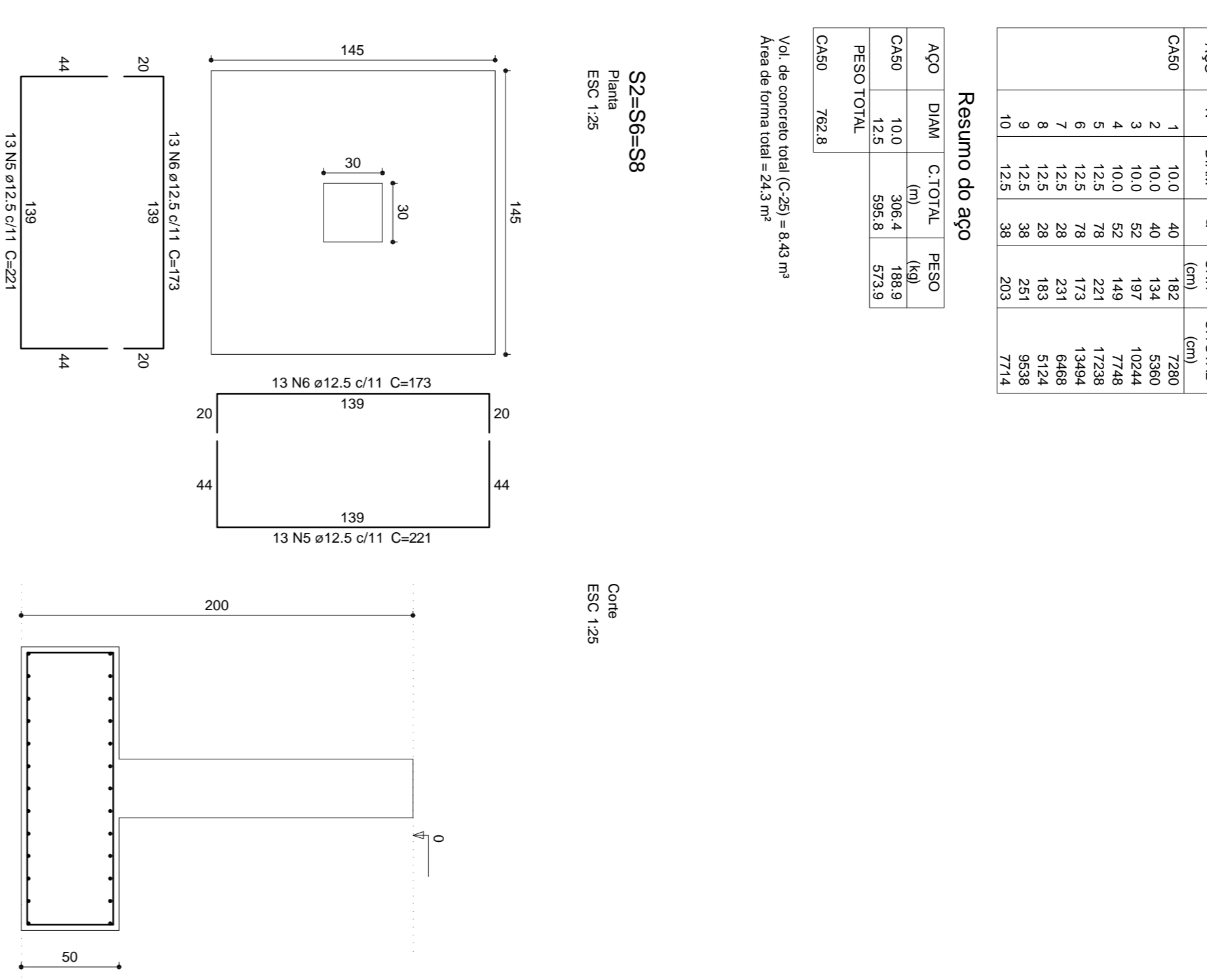
Corte
 ESC 1:25

SF1-SF7
 Platina
 ESC 1:25



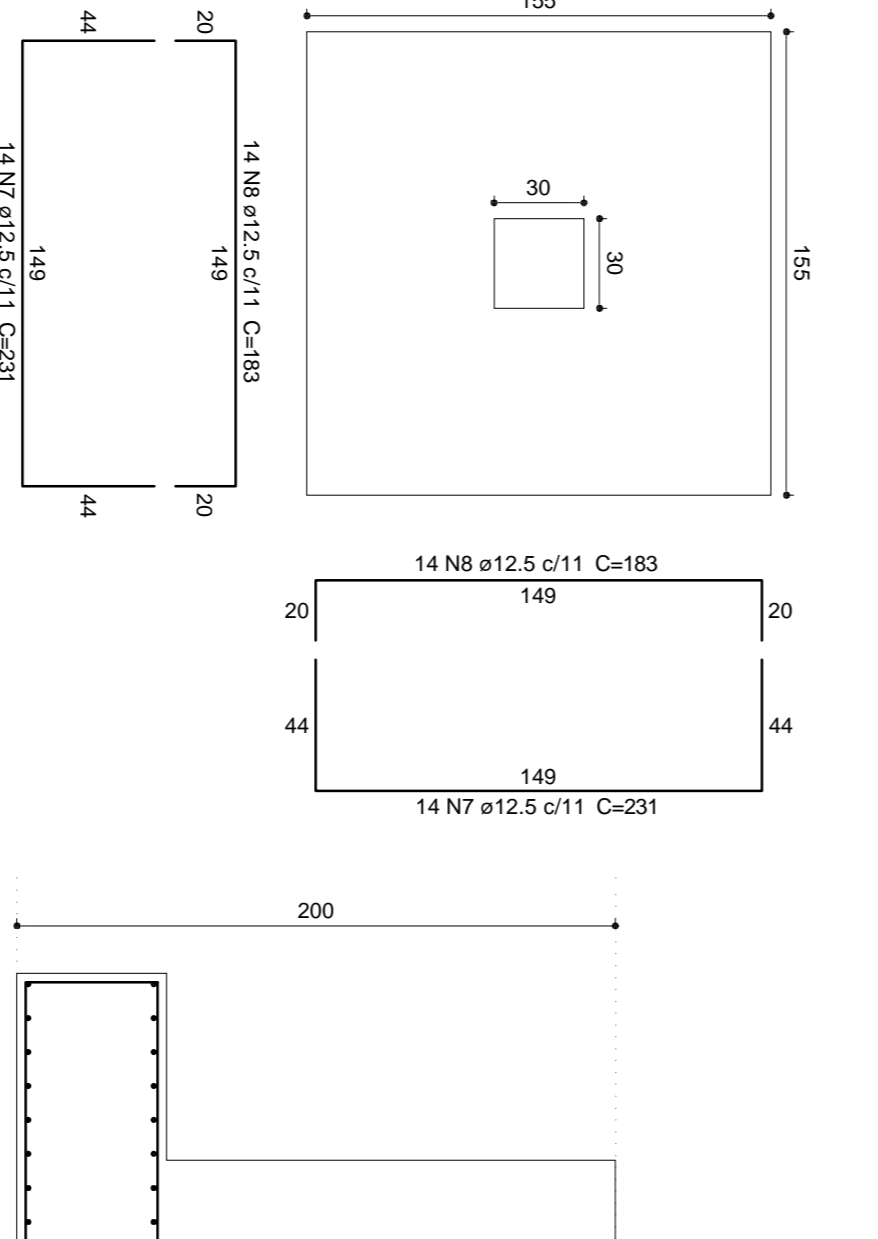
Corte
 ESC 1:25

S2=S6=S8
 Platina
 ESC 1:25



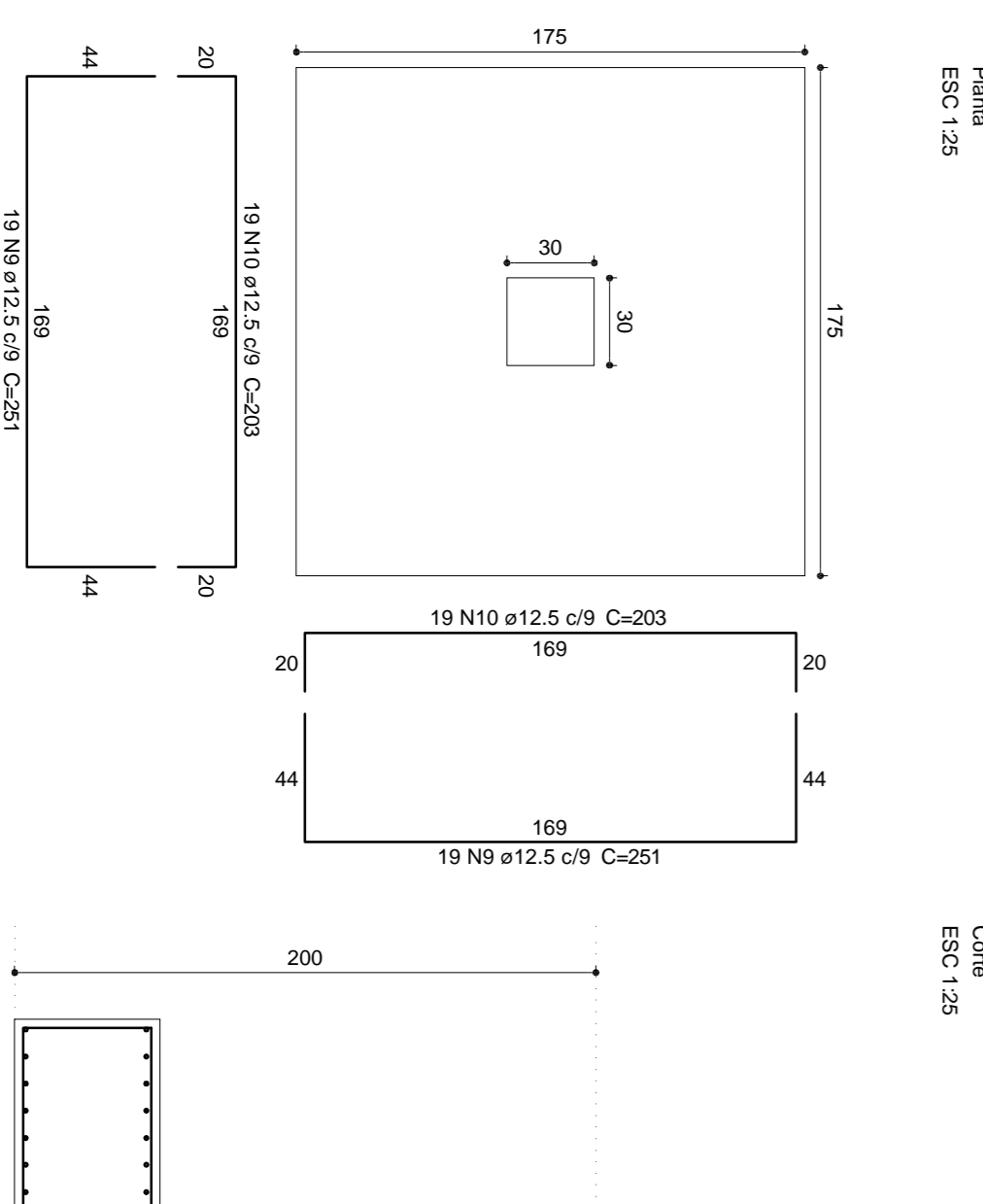
Corte
 ESC 1:25

SF4
 Platina
 ESC 1:25



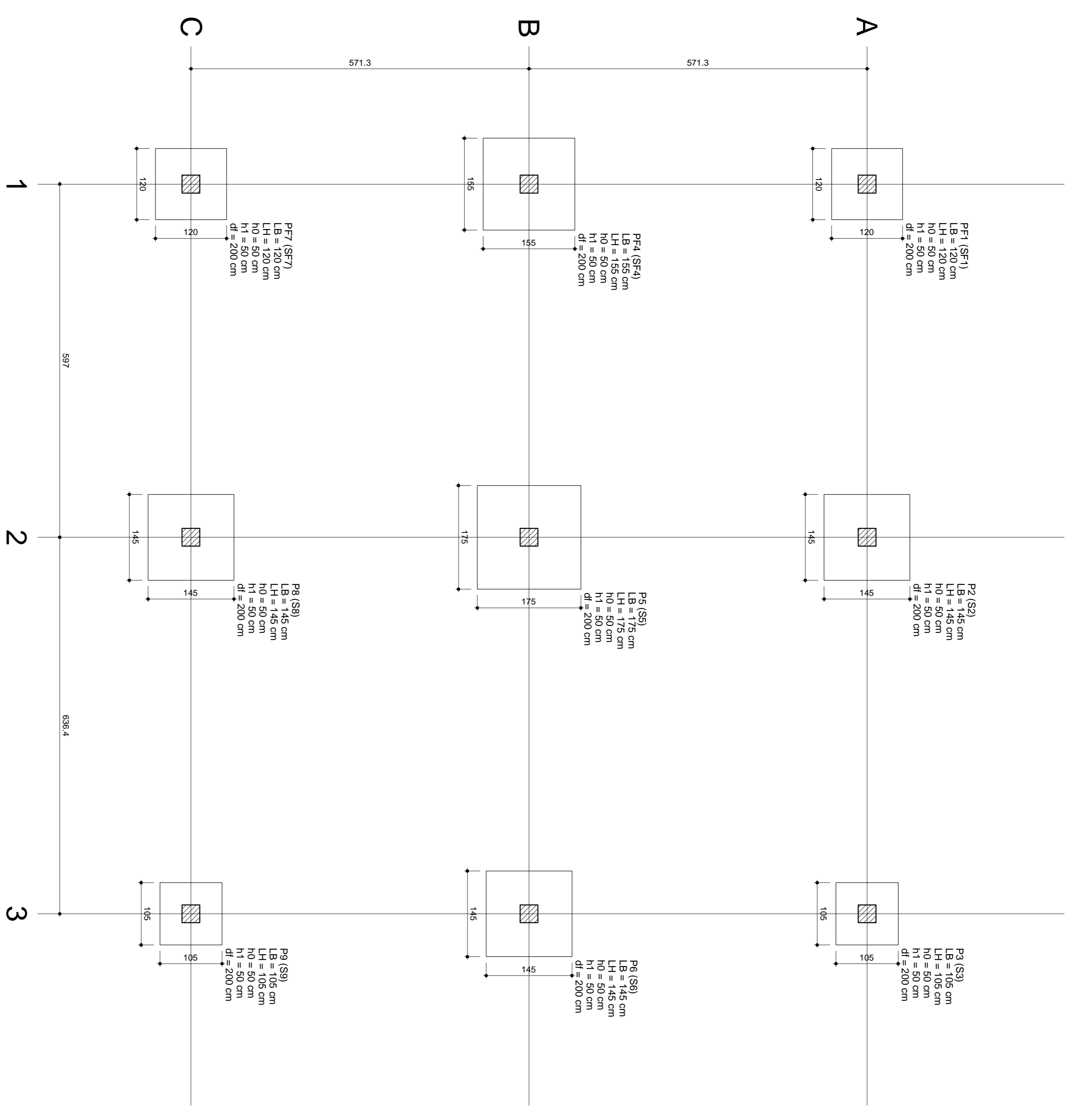
Corte
 ESC 1:25

S5
 Platina
 ESC 1:25

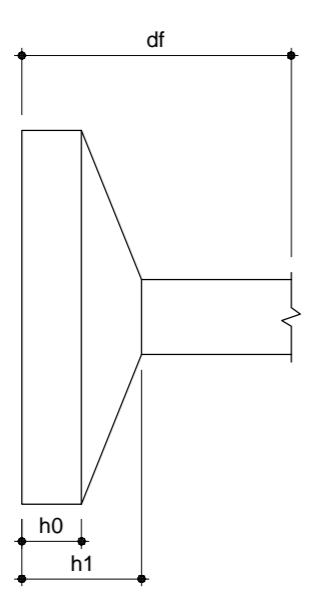


Corte
 ESC 1:25

Locação e Forma da Fundação
 escala 1:50



Nome	Carga Máx.		Carga Mín.		Mx		My		Fx		Fy	
	(t)	(kN)	(t)	(kN)	(kN.m)	(kN.m)	(t)	(kN)	(t)	(kN)	(t)	(kN)
P2	31,0	310	21,5	215	0	0	1,5	15	2,5	25	0	0
P3	16,5	165	12,0	120	0	0	2,0	20	1,5	15	0	0
P5	48,5	485	23,0	230	0	0	2,0	20	0,5	5	0	0
P6	28,0	280	18,5	185	0	0	4,0	40	0,5	5	0	0
P8	31,0	310	21,5	215	0	0	1,5	15	2,5	25	0	0
P9	16,5	165	12,0	120	0	0	2,0	20	1,5	15	0	0
PF1	20,0	200	15,0	150	0	0	1,0	10	0,5	5	0	0
PF4	38,0	380	23,5	235	0	0	1,5	15	0,5	5	0	0
PF7	20,0	200	15,0	150	0	0	1,0	10	0,5	5	0	0



INFRAERO		AMPLIAÇÃO KF	
ESCALA	DATA	DESENHISTA	CHIEF
INDICAÇÃO	24/10/2013	RENATA BASTOS	UF
AUTOR DO PROJETO		RENATA BASTOS	PA
VALOR DO PROJETO		13.829,9	PA
TIPO DE OBRA		71811-4	
THAIS FAGUNDA		CONSTRUTORA	
APROVAÇÃO		95432	PA
SÉRGIO PERALTA			
PROFUNDIDADE			
Nº DA AUTORIZAÇÃO			
COMPROVAÇÃO			
SL.09/302.13/01910/00			