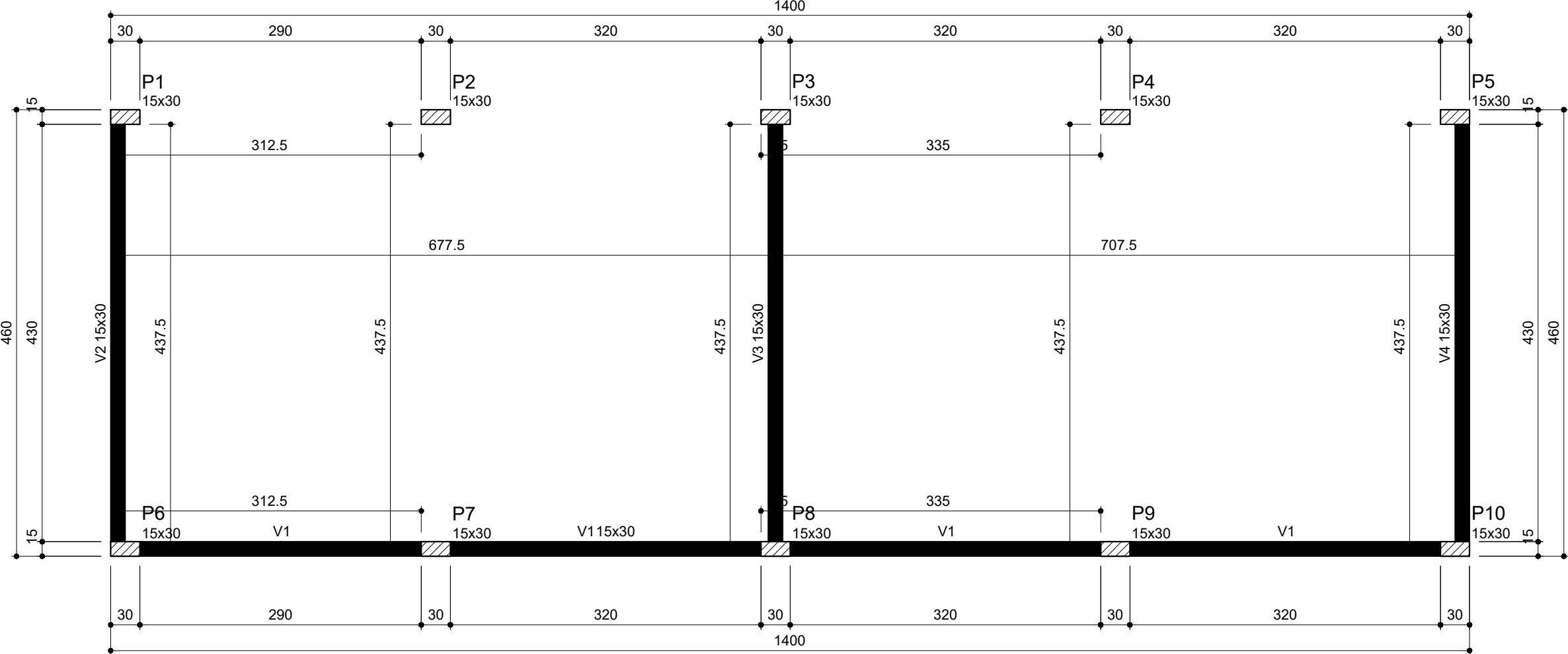
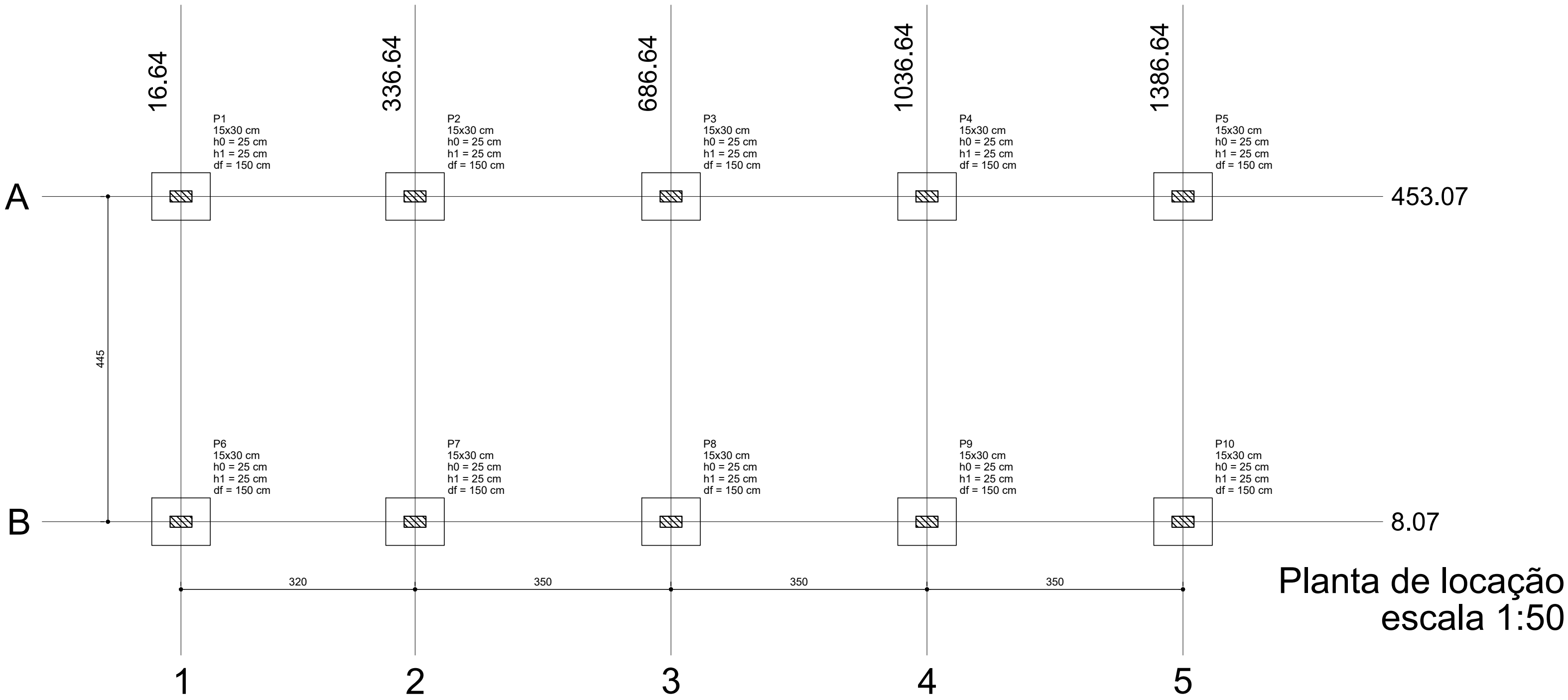


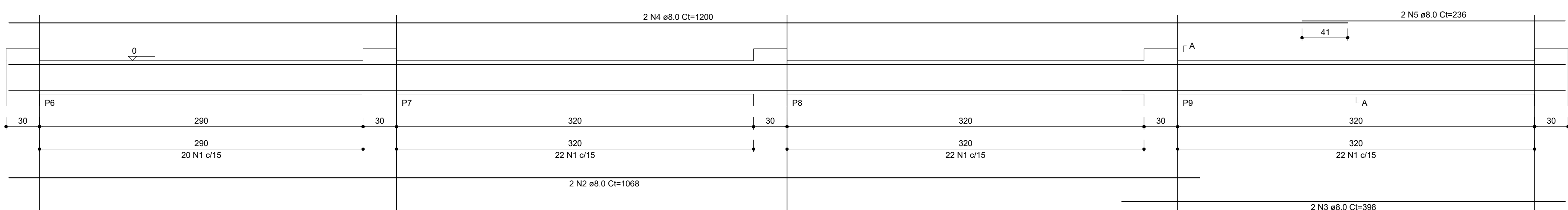
Nome	Seção (cm)	Pilar		Carga Máx. (tf)	Carga Min. (tf)	Fundação					
		X (cm)	Y (cm)			Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)	df (cm)
P1	15x30	16.64	453.07	3.1	2.4	65	80	25	25	150	150
P2	15x30	336.64	453.07	2.9	2.6	65	80	25	25	150	150
P3	15x30	686.64	453.07	3.3	2.5	65	80	25	25	150	150
P4	15x30	1036.64	453.07	2.9	2.7	65	80	25	25	150	150
P5	15x30	1386.64	453.07	3.2	2.5	65	80	25	25	150	150
P6	15x30	16.64	8.07	3.7	3.0	65	80	25	25	150	150
P7	15x30	336.64	8.07	4.2	3.9	65	80	25	25	150	150
P8	15x30	686.64	8.07	4.7	3.9	65	80	25	25	150	150
P9	15x30	1036.64	8.07	4.3	4.0	65	80	25	25	150	150
P10	15x30	1386.64	8.07	3.9	3.2	65	80	25	25	150	150

Características dos materiais		
Elemento	fck (kgf/cm²)	Ecs (kgf/cm²)
Vigas	250	241500
Pilares	250	241500
Sapatas	200	212874

Legenda das vigas e paredes	
	Viga

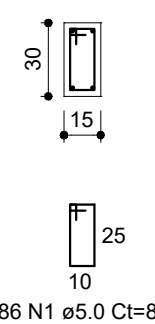


V1 (15 x 30)



SEÇÃO A-A

ESC 1:30



RELAÇÃO DO AÇO

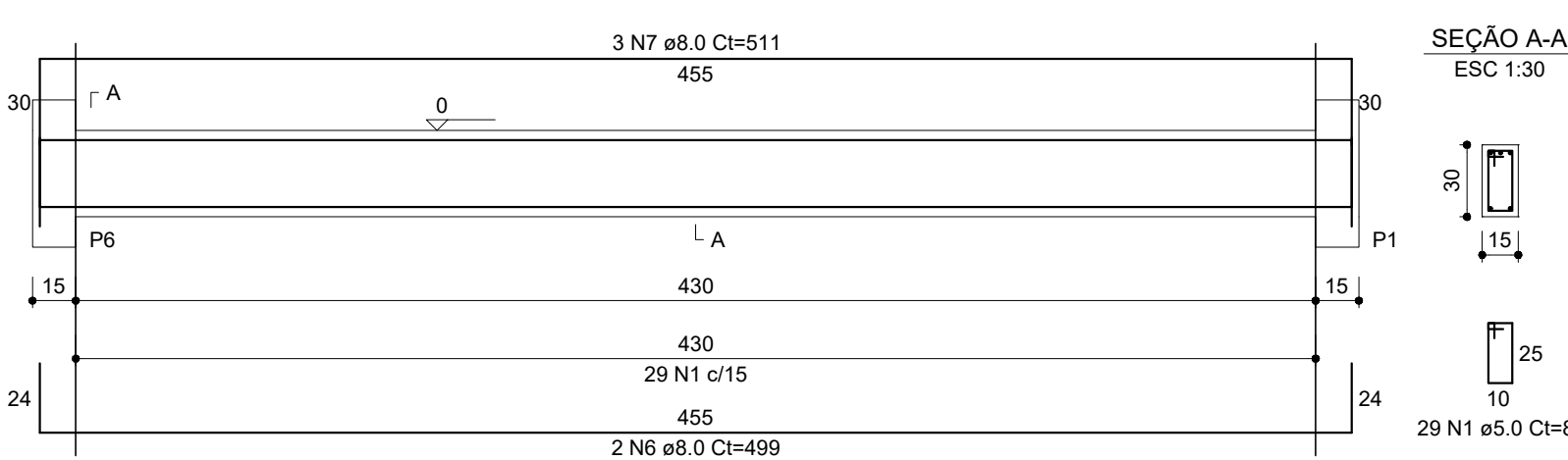
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	173	81	14013
CA50	2	8.0	2	1068	2136
	3	8.0	2	398	796
	4	8.0	2	1200	2400
	5	8.0	2	236	472
	6	8.0	6	499	2994
	7	8.0	8	511	4088

RESUMO DO AÇO

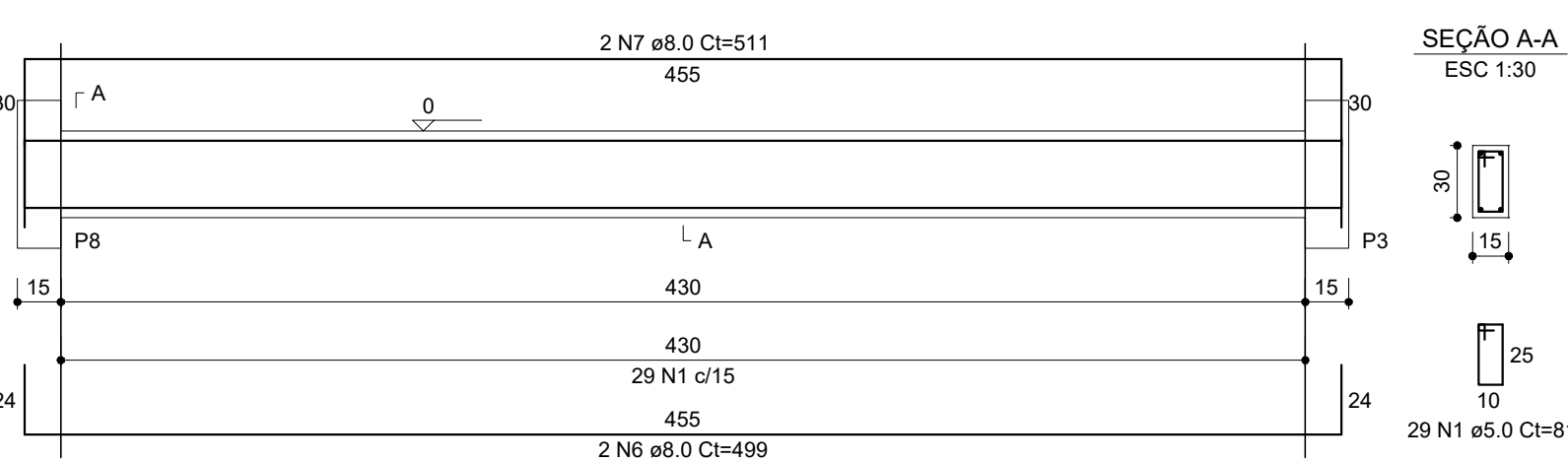
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	128.9	50.8
CA60	5.0	140.1	21.6
PESO TOTAL (kg)			
CA50	50.8		
CA60	21.6		

Volume de concreto (C-25) = 1.25 m³
Área de forma = 20.85 m²

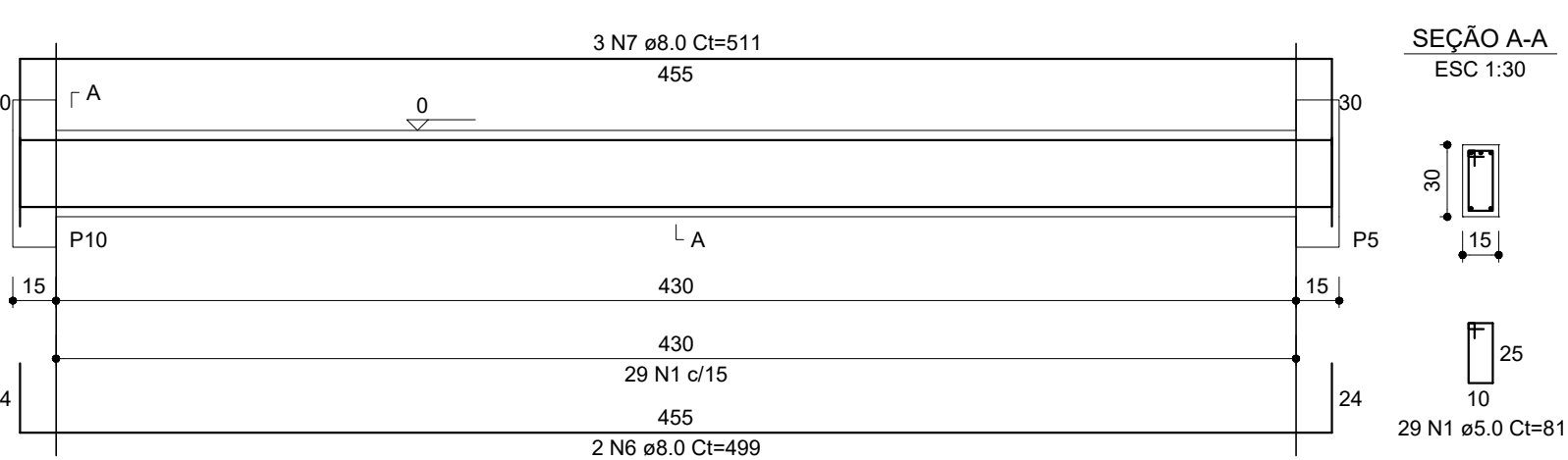
V2 (15 x 30)



V3 (15 x 30)

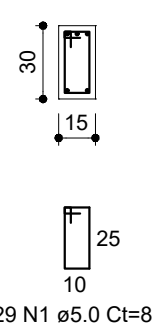


V4 (15 x 30)



SEÇÃO A-A

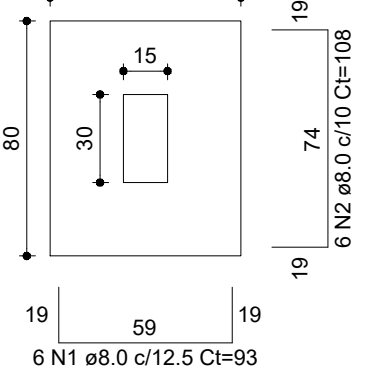
ESC 1:30



S1=S2=S3=S4=S5=S6=S7=S8=S9=S10

PLANTA

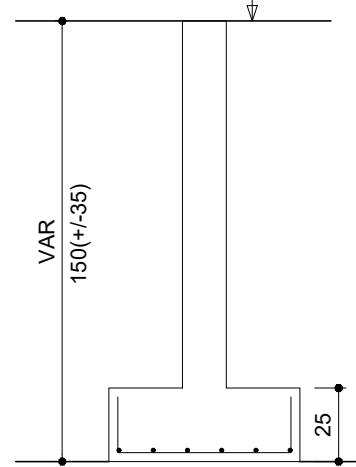
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1700.00 kgf/m³

CORTE

ESC 1:25



RELAÇÃO DO AÇO

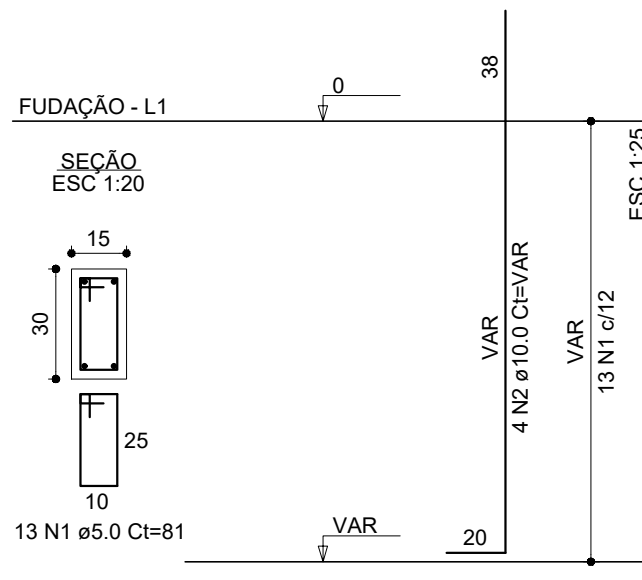
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	60	93	5580
	2	8.0	60	108	6480

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	120.6	47.6
CA60	5.0	105.3	16.2
PESO TOTAL (kg)			
CA50	47.6		
CA60	16.2		

Volume de concreto (C-20) = 1.30 m³
Área de forma = 7.25 m²

P1=P2=P3=P4=P5=P6=
=P7=P8=P9=P10



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	130	81	10530
CA50	2	10.0	40	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	81.2	50.1
CA60	5.0	105.3	16.2
PESO TOTAL (kg)			
CA50	50.1		
CA60	16.2		

Volume de concreto (C-25) = 0.68 m³
Área de forma = 13.50 m²

PROJETO ESTRUTURAL

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE BREJETUBA
CPF: 01.612.674/0001-00

RESPONSÁVEL TÉCNICO:

LUIZ JOSÉ DE FREITAS CREA MG 177118/D - VISTO ES 20151313

CONTEÚDO DA PRANCHA

PLANTA DE FORMA E LOCAÇÃO, SAPATAS, PILARETES E DAS VIGAS BALDRAME

LOCAL/DATA

BREJETUBA/ES, AGOSTO DE 2018

ENDEREÇO

AVENIDA PROJETADA - BAIRRO ULIANA

NOTA

1-TODAS AS MEDIDAS DEVERÃO SER CONFERIDAS NO LOCAL
2-EM CASO DE DÚVIDA CONSULTE O ENGENHEIRO- TEL:273733-1200
3-MEDIDAS EM CENTÍMETROS

FUNDAÇÃO

FOLHA
01/02