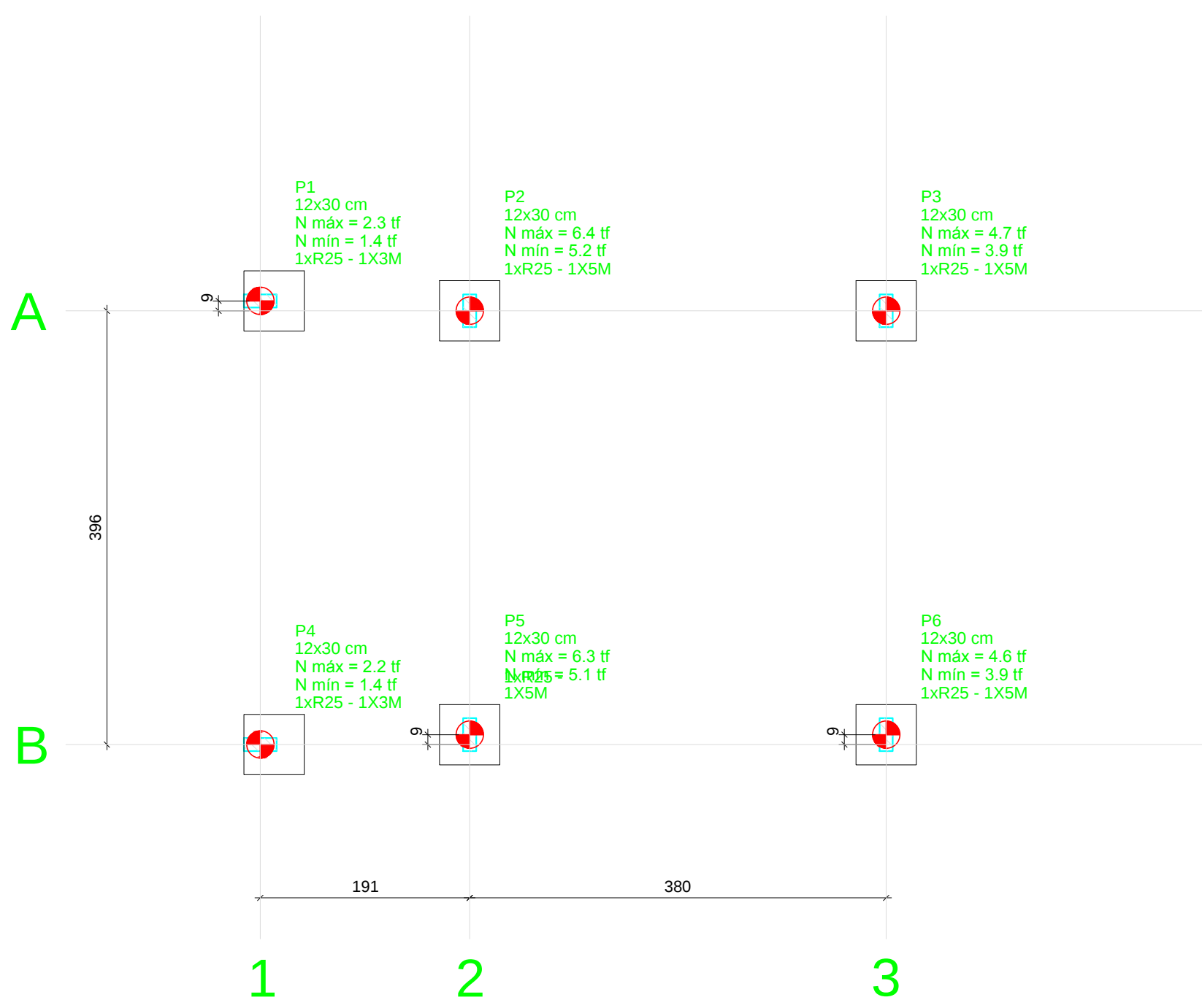
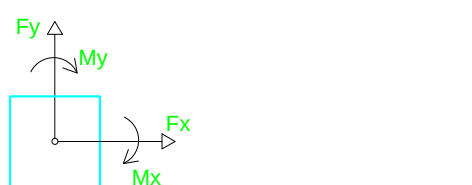
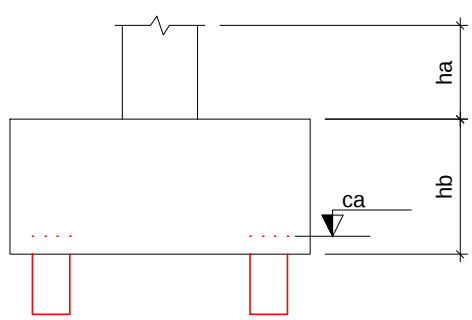




Planta de localização
escala 1:50

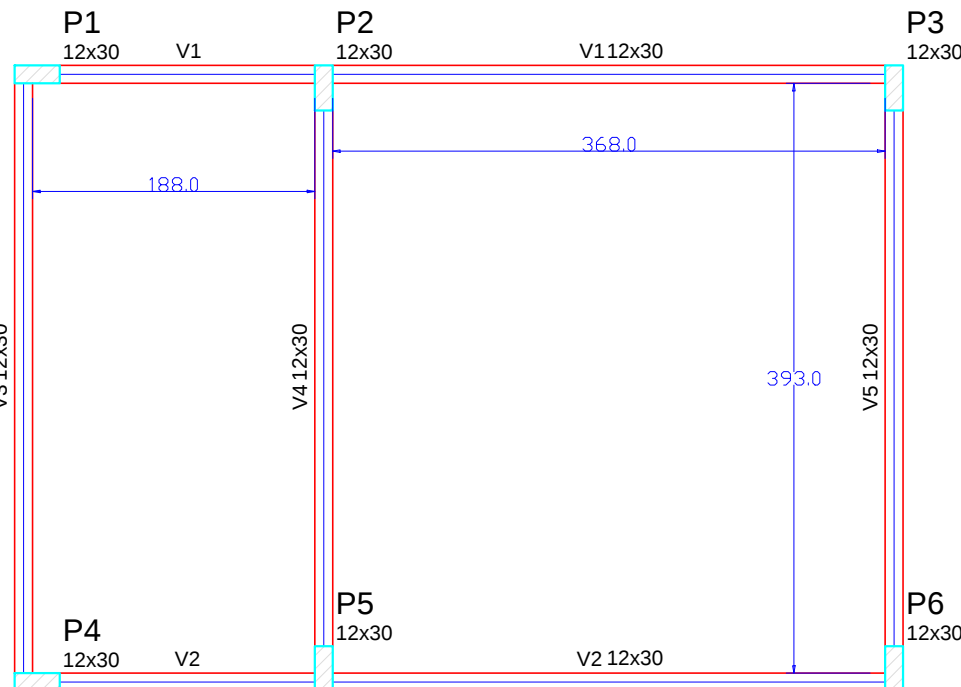
Pilar				Bloco	
Nome	Seção (cm)	Carga Máx. (tf)	Carga Min. (tf)	ne	Estaca
P1	12x30	2.3	1.4	1	R25
P2	12x30	6.4	5.2	1	R25
P3	12x30	4.7	3.9	1	R25
P4	12x30	2.2	1.4	1	R25
P5	12x30	6.3	5.1	1	R25
P6	12x30	4.6	3.9	1	R25

Estacas		
Simbologia	Nome	Quantidade
	R25	6



Forma do pavimento BALDRAME

escala 1:50

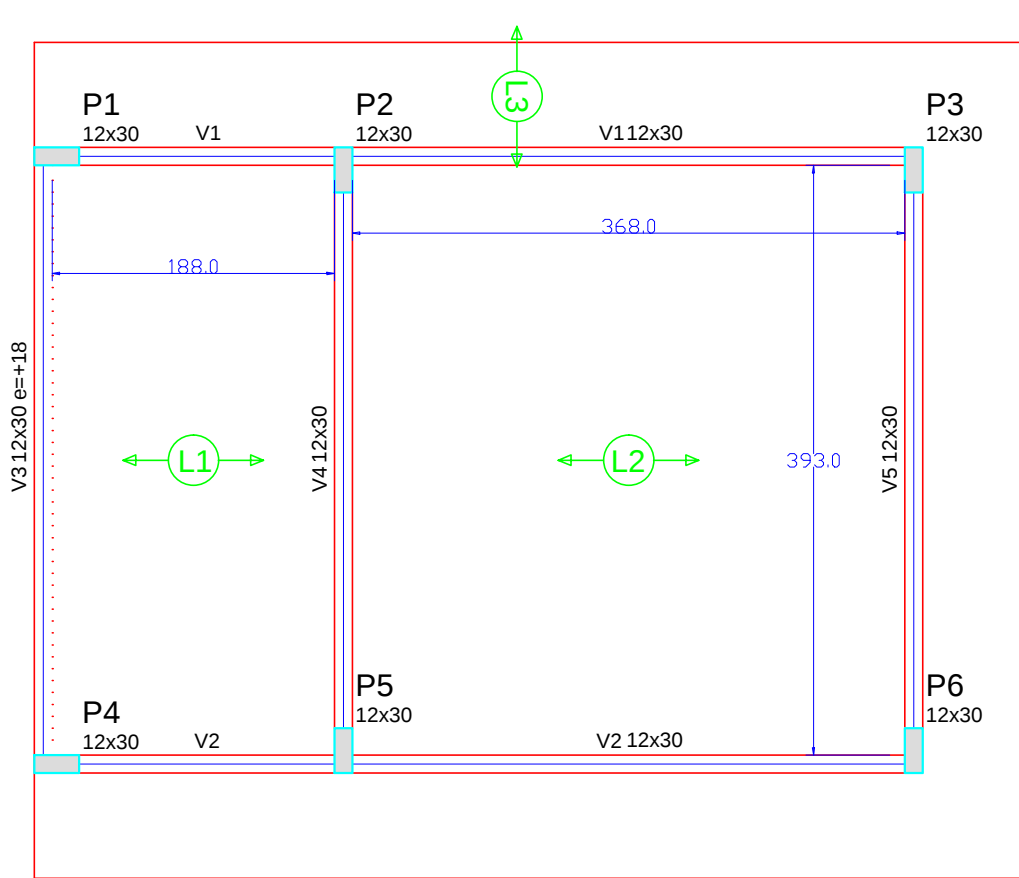


Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	12x30	0	0
V2	12x30	0	0
V3	12x30	0	0
V4	12x30	0	0
V5	12x30	0	0

Características dos materiais			
fck	Ecs		
(kgf/cm²)	(kgf/cm²)		
250	238000		

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	12 x 30	0	0
P2	12 x 30	0	0
P3	12 x 30	0	0
P4	12 x 30	0	0
P5	12 x 30	0	0
P6	12 x 30	0	0

Legenda dos Pilares			
	Pilar que morre		
	Pilar que passa		
	Pilar que nasce		
	Pilar com mudança de seção		

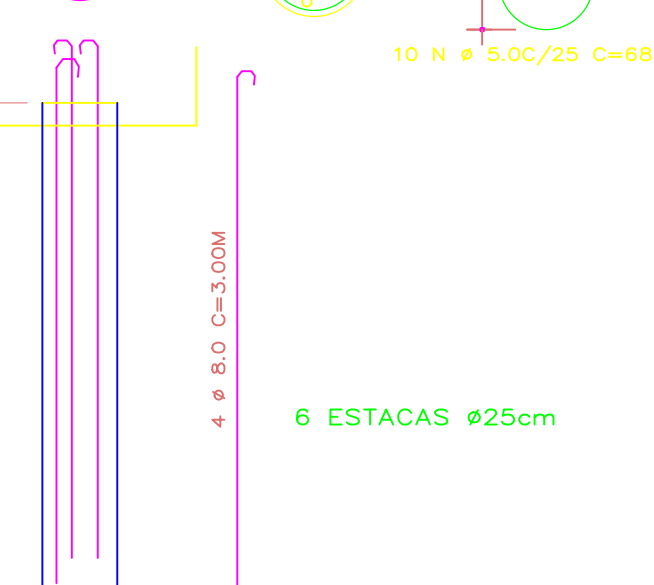
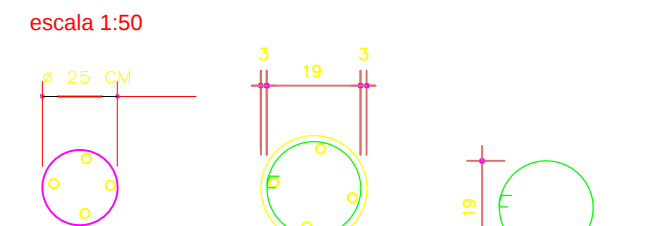


Forma do pavimento RESPALDO

Resumo do aço Blocos e estacas

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	125.52	49.58
CA60	5.0	40.80	6.28
PESO TOTAL (kg)			
CA50	49.58		
CA60	6.28		

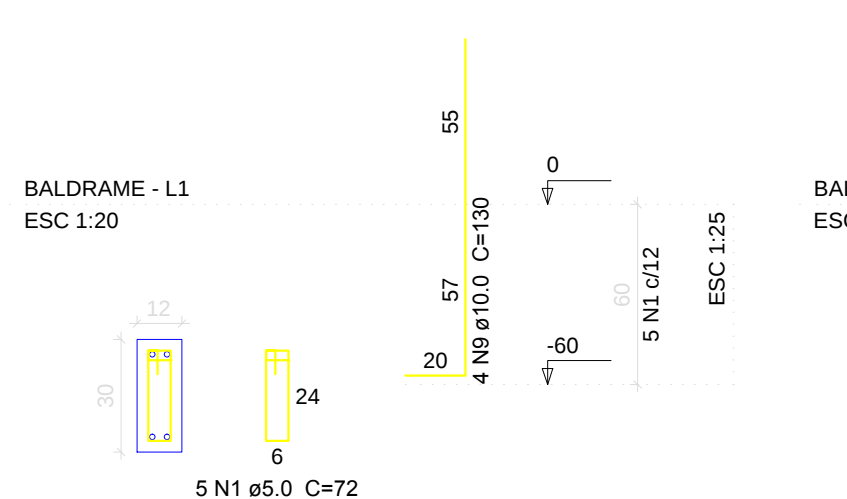
Volume de concreto blocos= 0.42 m³



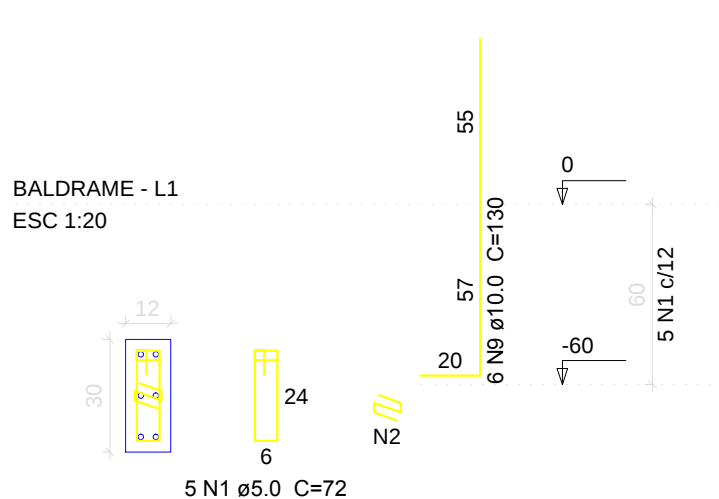
ESTACAS DE DIAMETRO DE 25,00 CM PERFURADA MANUAL OU COM MAQUINA E PREENCHIDA COM CONCRETO COM SLAMP +/- 3 COMPACTADO, fck=20,00 MPa. A PROF. FINAL DAS ESTACAS SERAO DEFINIDAS NO LOCAL

DET. ESTACAS

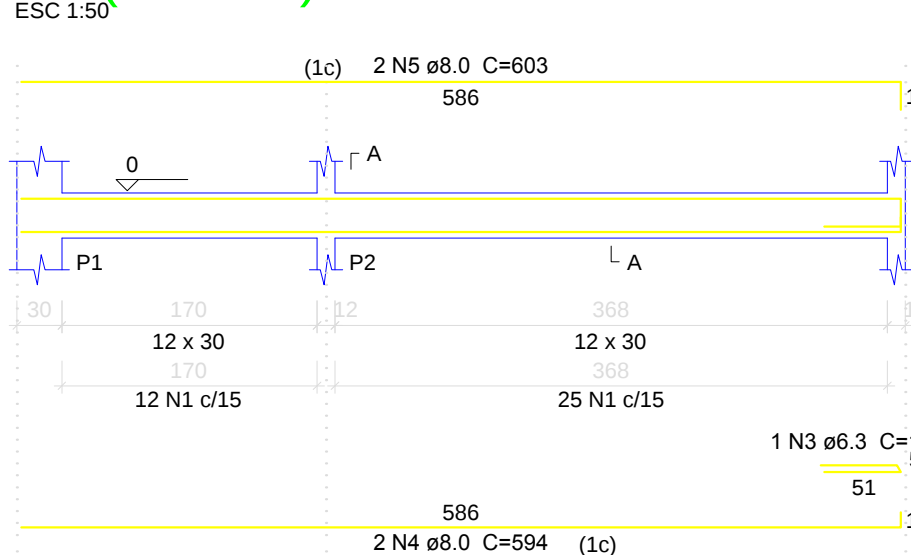
P1=P4



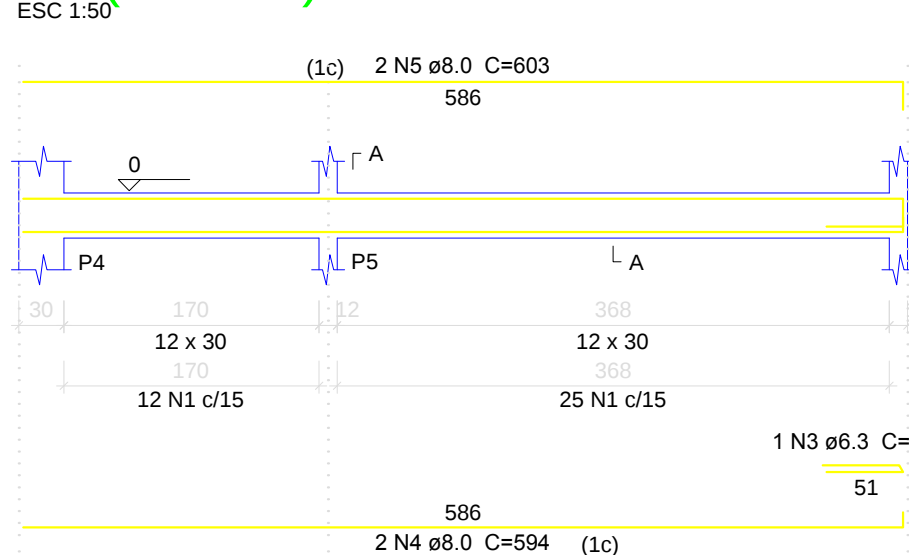
P2=P3=P5=P6



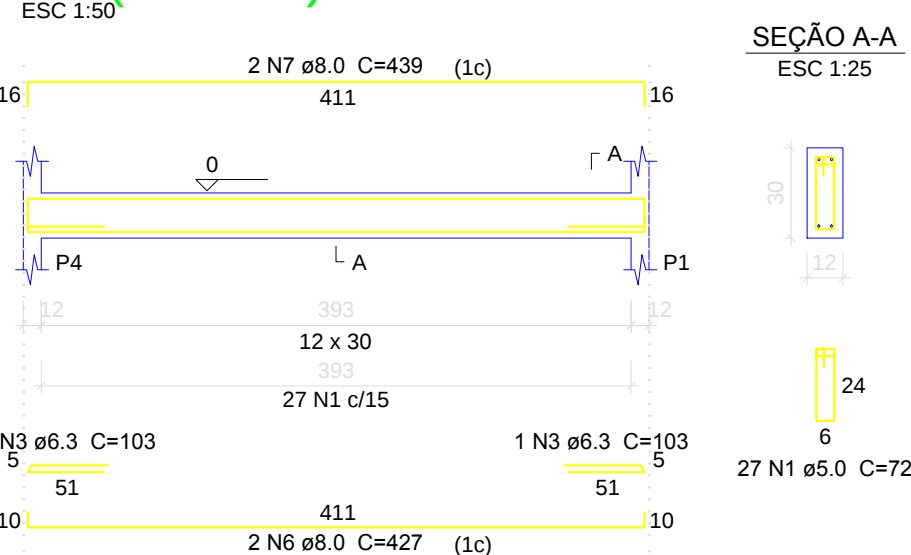
V1 (12 x 30)



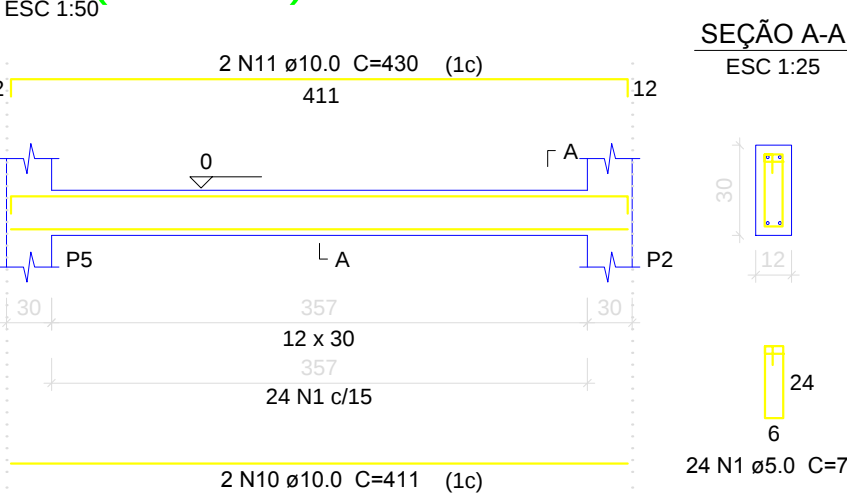
V2 (12 x 30)



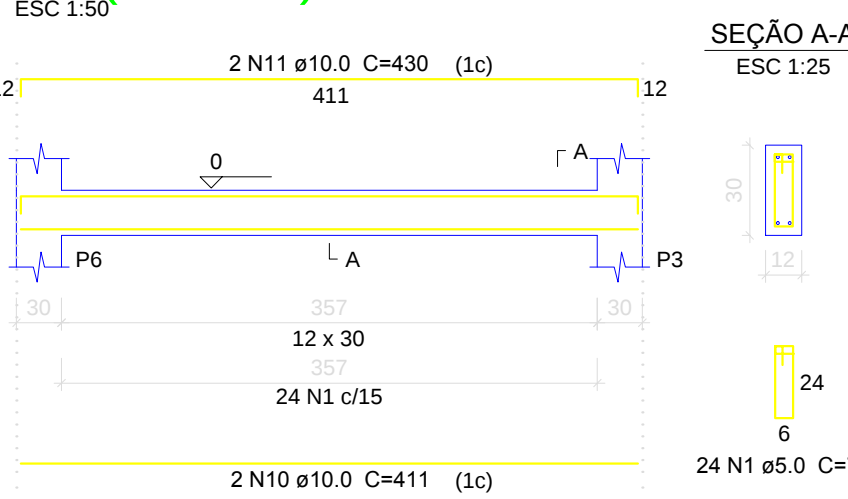
V3 (12 x 30)



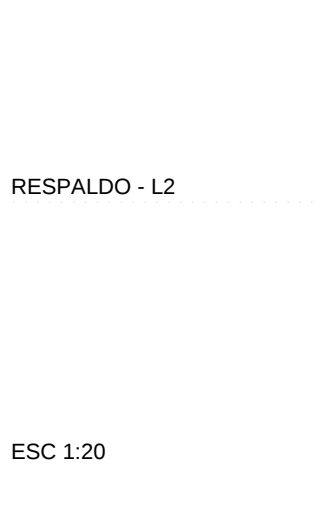
V4 (12 x 30)



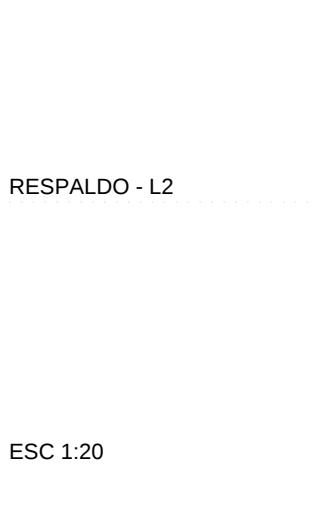
V5 (12 x 30)



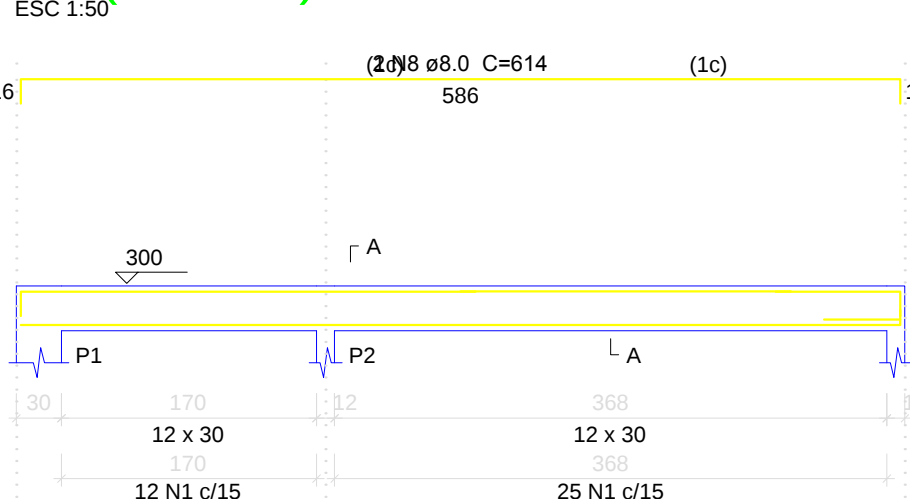
P1=P4



P2=P3=P5=P6



V1 (12 x 30)



Relação do aço

BALDRAME:	2xP1	4xP2
	V1	V2
	V3	V4
	V5	V4
RESPALDO:	2xP1	4xP2
	V1	V2
	V3	V4
	V5	V4

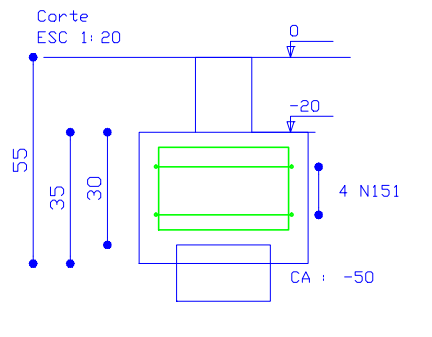
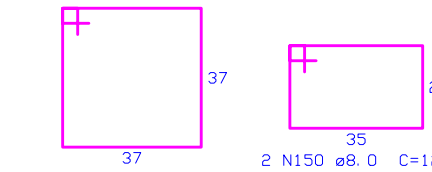
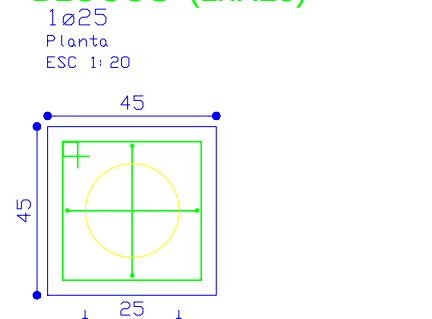
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	478	72	34416
	2	5.0	120	21	2520
CA50	3	6.3	8	103	824
	4	8.0	8	594	4752
	5	8.0	4	603	2412
	6	8.0	4	427	1708
	7	8.0	4	439	1756
	8	8.0	4	614	2456
	9	10.0	32	130	4160
	10	10.0	8	411	3288
	11	10.0	4	430	1720
	12	10.0	32	297	9504
	13	10.0	2	482	964
	14	10.0	2	466	932

Resumo do aço

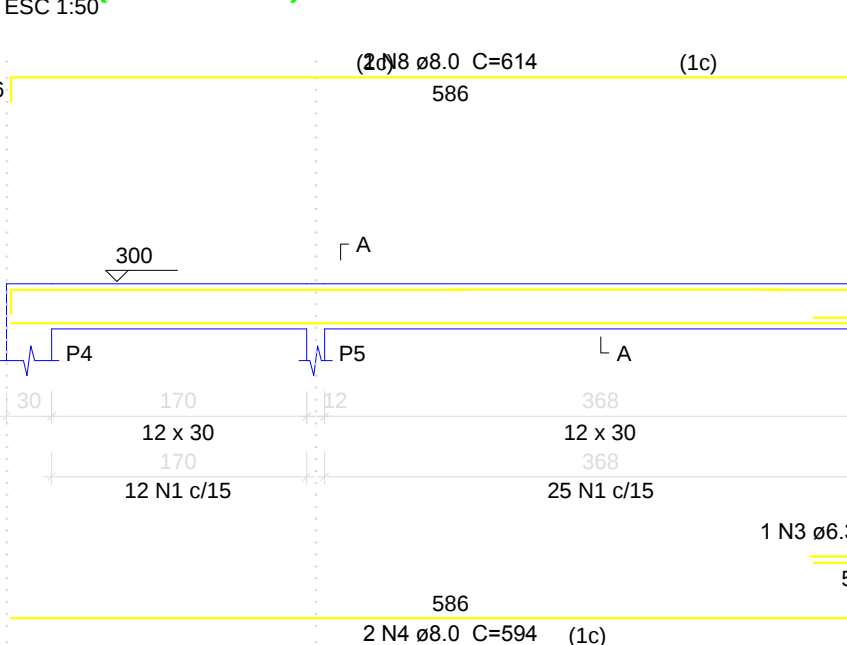
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	8.3	2.2
	8.0	130.9	51.70
	10.0	205.7	126.91
CA60	5.0	369.4	56.89
PESO TOTAL (kg)			
CA50	180.81		
CA60	56.89		

Volume de concreto (C-25) = 2.53 m³
Área de forma = 53.21 m²

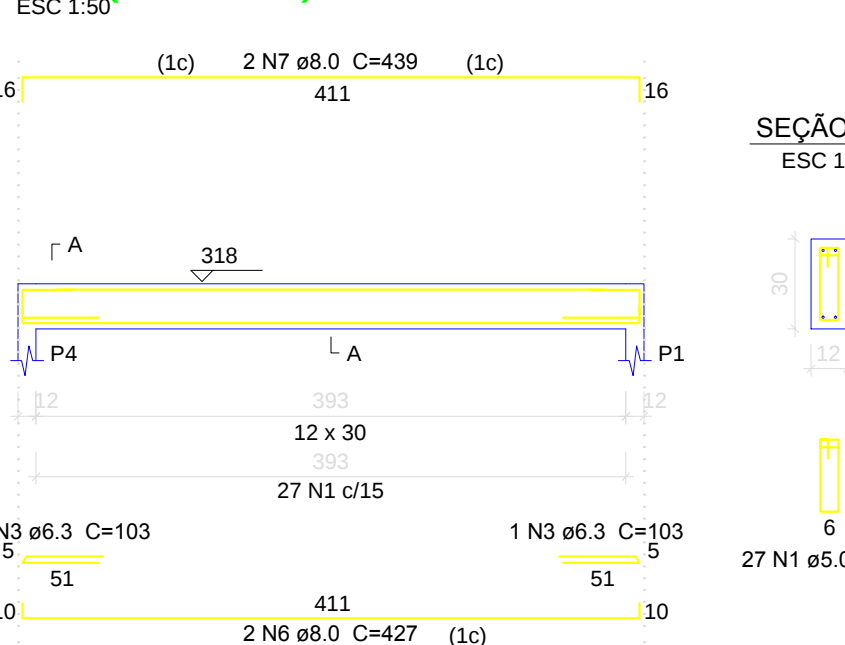
BLOCOS (1xR25)



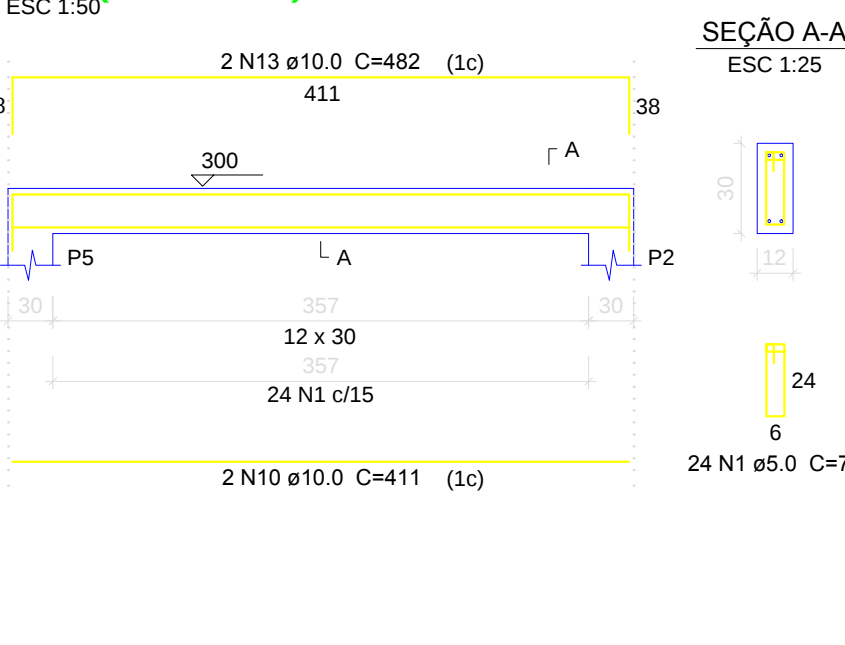
V2 (12 x 30)



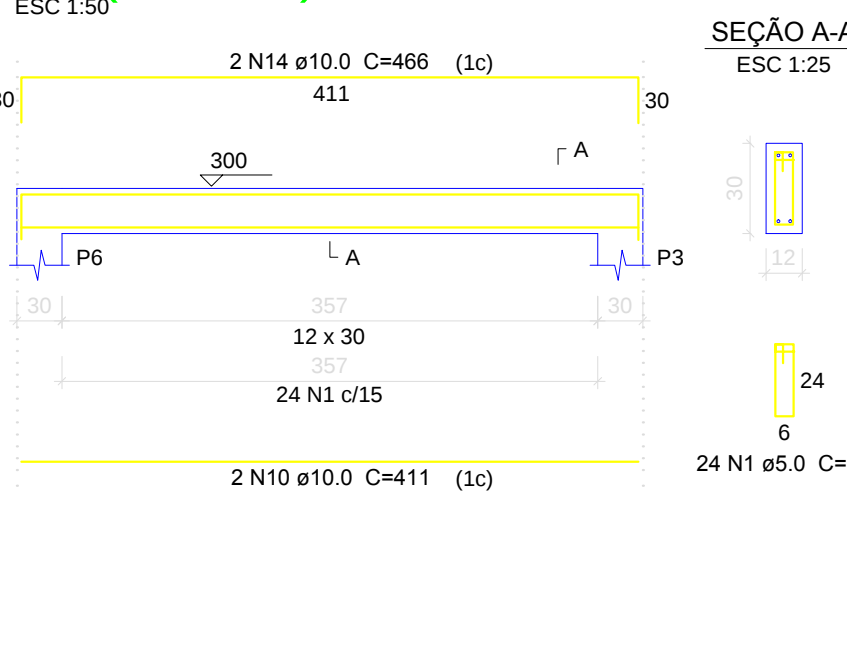
V3 (12 x 30)



V4 (12 x 30)



V5 (12 x 30)



PROJETO ESTRUTURAL

OBRA: CENTRO ADM ATERRO SANITARIO
ENDEREÇO: UBIRATA

RESPONSÁVEL TÉCNICO: EDUARDO FELIPE MANFE
CREA: 135944/D-PR

Conteúdo: LOCAÇÃO
BLOCOS
ESTACAS
FORMA
PILARES
VIGAS

PAVIMENTO: TERREO
UNIDADE: cm
TOTAL DE PRANCHAS: 01

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE UBIRATA
DESENHO: EDUARDO
DATA: 20/04/2018
FOLHA: 01/01