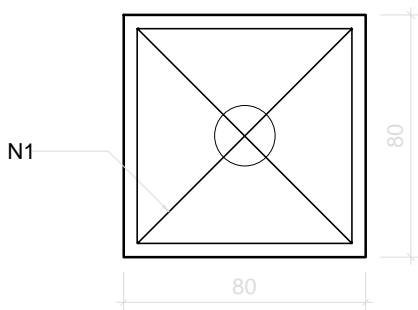
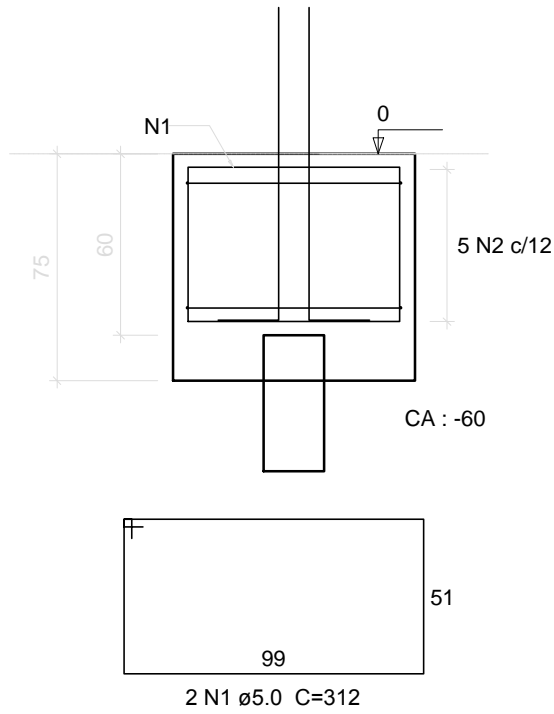


B1=B2=B3=B4  
1xC50  
PLANTA  
ESC 1:25

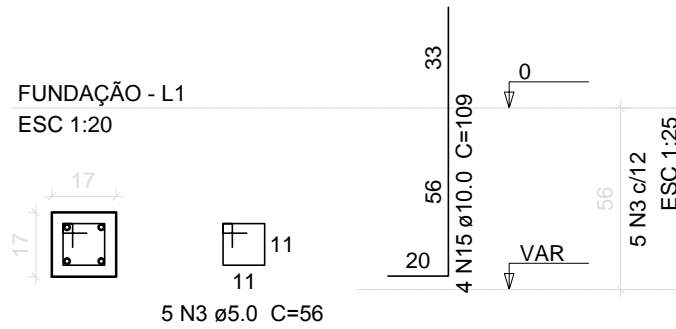


CORTE  
ESC 1:25



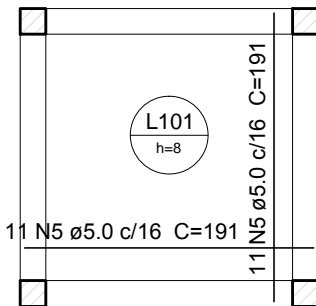
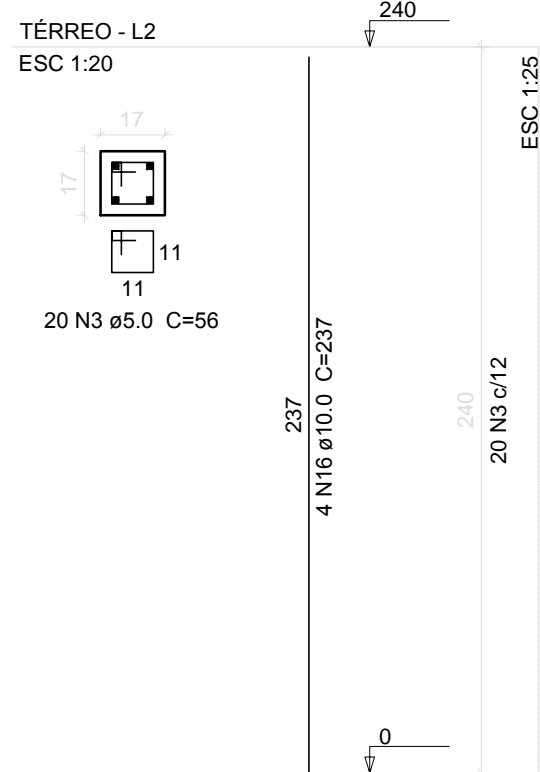
P1=P2=P3=P4

FUND. L1  
ESC 1:20

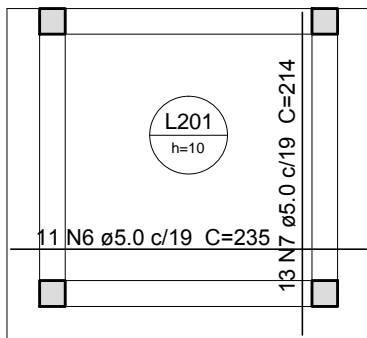


P1=P2=P3=P4

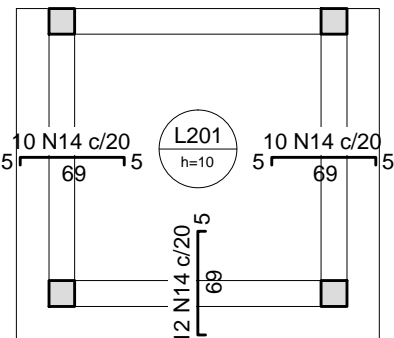
TÉRREO - L2  
ESC 1:20



Armação positiva da  
laje do pavimento  
Baldrame  
Escala 1:50



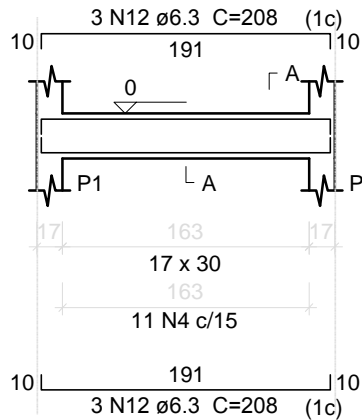
Armação positiva da  
laje do pavimento  
Térreo  
Escala 1:50



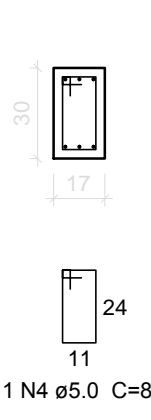
Armação negativa da  
laje do pavimento  
Térreo  
Escala 1:50

V101

ESC 1:50

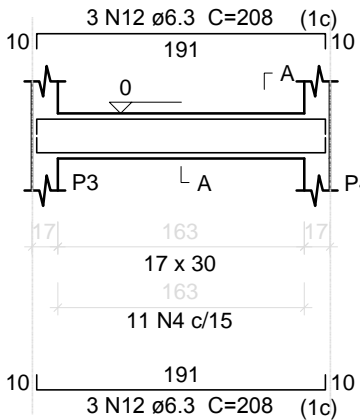


SEÇÃO A-A  
ESC 1:25

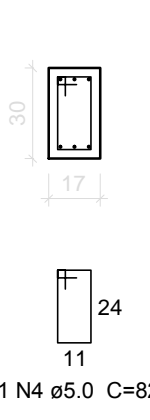


V102

ESC 1:50

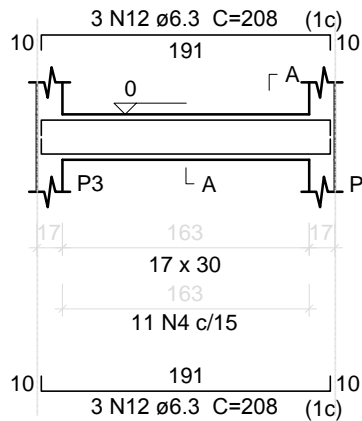


SEÇÃO A-A  
ESC 1:25

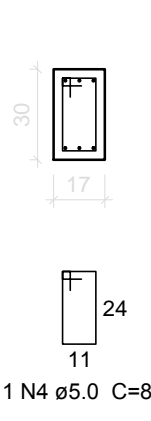


V103

ESC 1:50

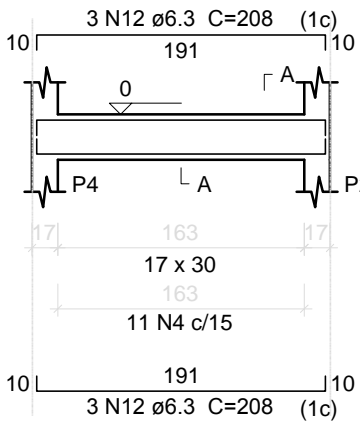


SEÇÃO A-A  
ESC 1:25

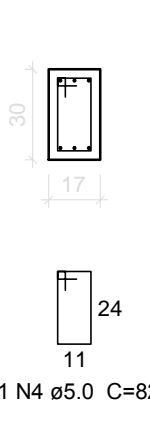


V104

ESC 1:50

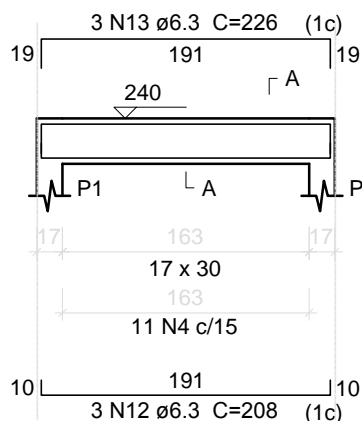


SEÇÃO A-A  
ESC 1:25

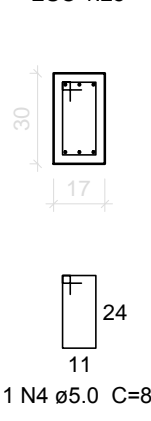


V201

ESC 1:50

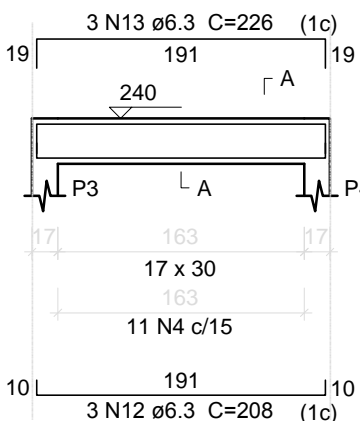


SEÇÃO A-A  
ESC 1:25

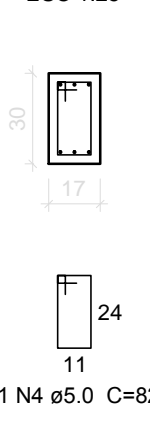


V202

ESC 1:50

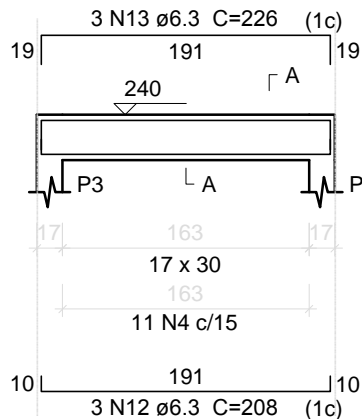


SEÇÃO A-A  
ESC 1:25

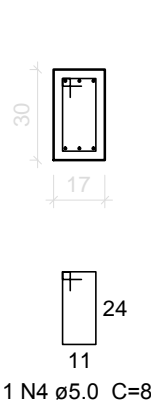


V203

ESC 1:50

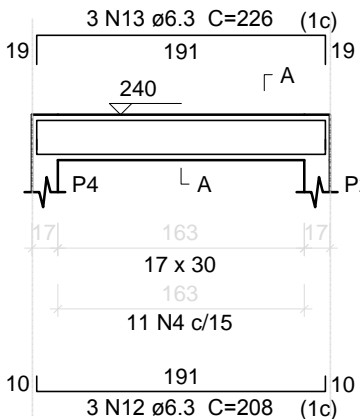


SEÇÃO A-A  
ESC 1:25

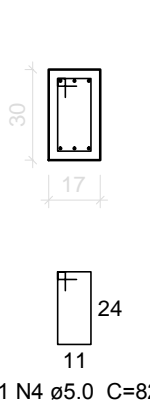


V204

ESC 1:50



SEÇÃO A-A  
ESC 1:25



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	312	2496
	2	5.0	20	296	5920
	3	5.0	100	56	5600
	4	5.0	88	82	7216
	5	5.0	40	191	7640
	6	5.0	11	235	2585
	7	5.0	13	214	2782
CA50	12	6.3	36	208	7488
	13	6.3	12	226	2712
	14	6.3	32	79	2528
	15	10.0	16	109	1744
	16	10.0	16	237	3792

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	127.3	34.3
	10.0	55.4	37.6
CA60	5.0	342.4	58.0
PESO TOTAL (kg)			
CA50	71.9		
CA60	58.0		

Volume de concreto (C-25) = 3.57 m³  
Área de forma = 37.35 m²

EMEI Laranjal

Volume de concreto estacas (C-25) = 0.37 m³  
Profundidade estacas = 3 m  
Ø estacas = 20 cm

EMEI Vasco Pires

Volume de concreto estacas (C-25) = 0.13 m³  
Profundidade estacas = 1 m  
Ø estacas = 20 cm



UNIDADE DE GERENCIAMENTO DE PROJETOS

PROGRAMA PROINFÂNCIA - PROJETO TIPO 2

PROJETO ESTRUTURAL - CASA DE MEDIÇÃO - EMEI'S

EQUIPE TÉCNICA DA UGP

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Prancha

03/14

Escala

INDICADA

Data

MAR / 2016