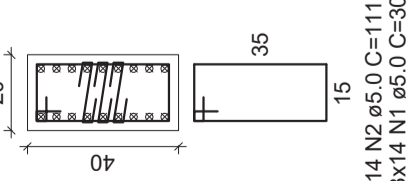


P13

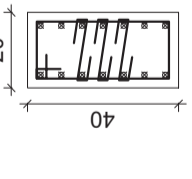
NÍVEL 2 - L3  
ESC 1:20



14 N2 ø5.0 C=111  
3x14 N1 ø5.0 C=30

P23=P25

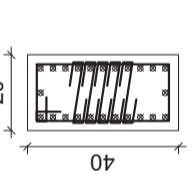
NÍVEL 2 - L3  
ESC 1:20



17 N2 ø5.0 C=111  
3x17 N3 ø5.0 C=30

P24

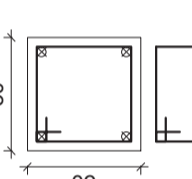
NÍVEL 2 - L3  
ESC 1:20



17 N2 ø5.0 C=111  
5x17 N3 ø5.0 C=30

P29=P30

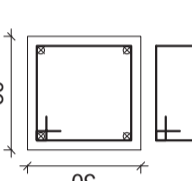
NÍVEL 2 - L3  
ESC 1:20



19 N4 ø5.0 C=111

P33=P34

NÍVEL 2 - L3  
ESC 1:20



14 N4 ø5.0 C=111

RELAÇÃO DO AÇO

P13 2xP29 P24 4xP37  
2xP23 2xP33

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	42	30	1260
	2	5.0	65	111	7215
	3	5.0	187	30	5610
	4	5.0	142	111	15762
CA50	5	10.0	52	197	10244
	6	12.5	42	197	8274
	7	16.0	8	197	1576

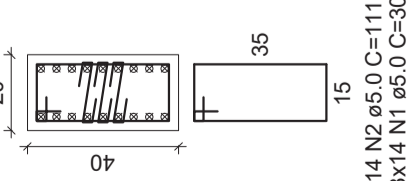
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA60	10.0	102.4	69.5
	12.5	82.7	87.7
	16.0	15.8	27.4
CA60	5.0	298.5	50.6
PESO TOTAL (kg)			
CA50	184.5		
CA60	50.6		

Volume de concreto (C-30) = 2,08 m³  
Área de forma = 28.80 m²

P13

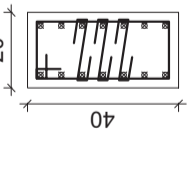
NÍVEL 2 - L3  
ESC 1:20



14 N2 ø5.0 C=111  
3x14 N1 ø5.0 C=30

P23=P25

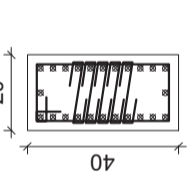
NÍVEL 2 - L3  
ESC 1:20



17 N2 ø5.0 C=111  
3x17 N3 ø5.0 C=30

P24

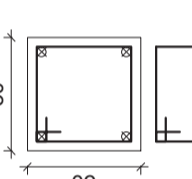
NÍVEL 2 - L3  
ESC 1:20



17 N2 ø5.0 C=111  
5x17 N3 ø5.0 C=30

P29=P30

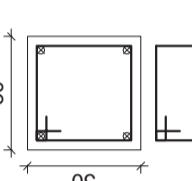
NÍVEL 2 - L3  
ESC 1:20



19 N4 ø5.0 C=111

P33=P34

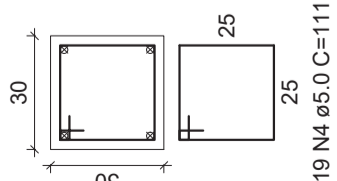
NÍVEL 2 - L3  
ESC 1:20



14 N4 ø5.0 C=111

P37=P38=P41=P42

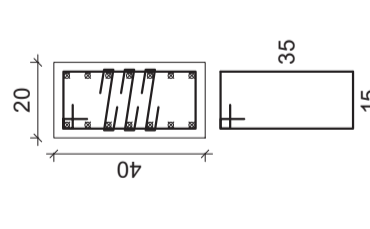
NÍVEL 2 - L3  
ESC 1:20



19 N4 ø5.0 C=111

P9=P10

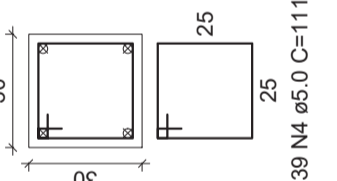
NÍVEL 2 - L3  
ESC 1:20



31 N2 ø5.0 C=111  
3x31 N3 ø5.0 C=30

P12

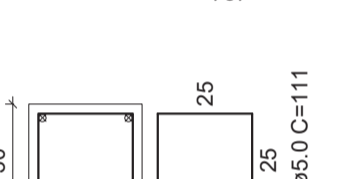
NÍVEL 2 - L3  
ESC 1:20



39 N4 ø5.0 C=111

P15

NÍVEL 2 - L3  
ESC 1:20



39 N4 ø5.0 C=111

P15

NÍVEL 2 - L3  
ESC 1:25



39 N4 ø5.0 C=111

P15

NÍVEL 2 - L3  
ESC 1:25



39 N4 ø5.0 C=111

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PROJETO ESTRUTURAL

CENTRO DE EVENTOS

PAVIMENTO NÍVEL 2  
PILARES

Escala: 1/50

Desenho: Revisão: 0

Data: 14/09/18

DESENHO 01

FOLHA 01/01