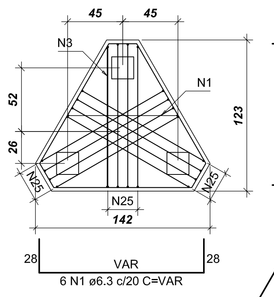
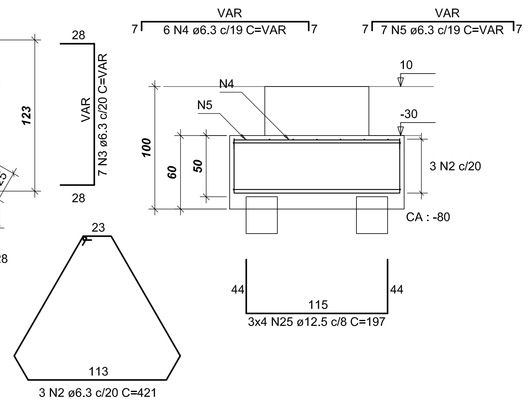
B13
3 est. 18x18

PLANTA
ESC: 1:25

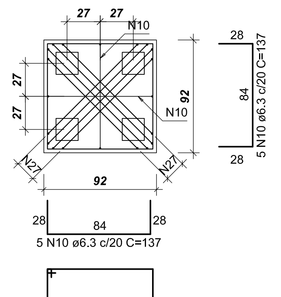


CORTE
ESC: 1:25

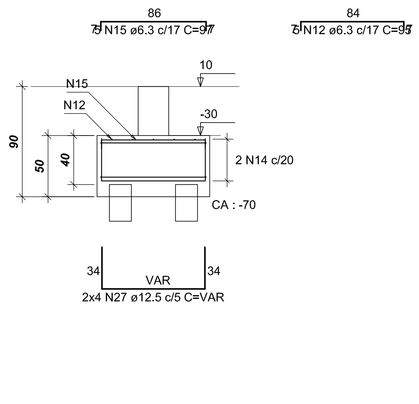


B24
4 est. 18x18

PLANTA
ESC: 1:25

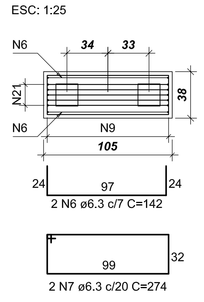


CORTE
ESC: 1:25

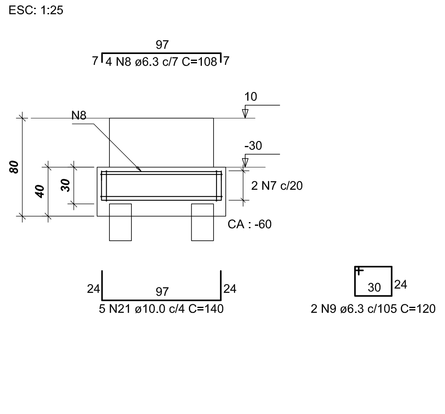


B1=B2=B3=B4=B5=B6=B7
B8=B9=B10=B15=B17=B20
2 est. 18x18

PLANTA
ESC: 1:25

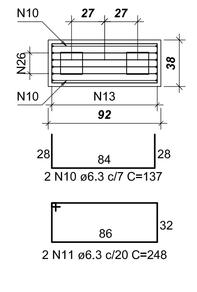


CORTE
ESC: 1:25

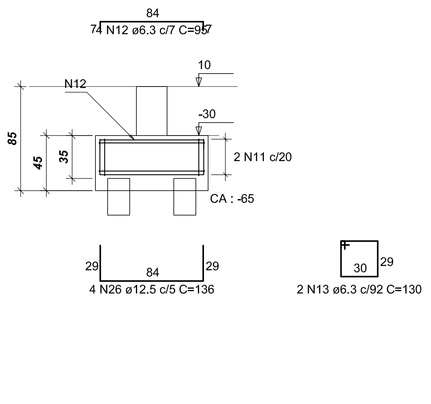


B21=B23
2 est. 18x18

PLANTA
ESC: 1:25



CORTE
ESC: 1:25



RELAÇÃO DO AÇO
BLOCOS

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
50	1	6.3	6	VAR	VAR
	2	6.3	3	421	1263
	3	6.3	7	VAR	VAR
	4	6.3	6	VAR	VAR
	5	6.3	7	VAR	VAR
	6	6.3	26	142	3692
	7	6.3	26	274	7124
	8	6.3	52	108	5616
	9	6.3	48	120	5760
	10	6.3	22	137	3014
	11	6.3	36	248	8928
	12	6.3	73	95	6935
	13	6.3	4	130	520
	14	6.3	2	356	712
	15	6.3	5	97	485
	16	6.3	4	160	640
	17	6.3	4	150	600
	18	6.3	22	129	2838
	19	8.0	78	140	10920
	20	8.0	52	144	7488
	21	10.0	65	140	9100
	22	10.0	10	167	1670
	23	10.0	10	157	1570
	24	10.0	55	127	6985
	25	12.5	12	197	2364
	26	12.5	8	136	1088
	27	12.5	8	VAR	VAR

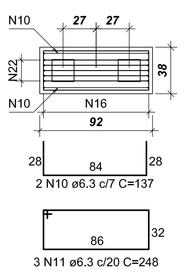
RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	6.3	521.9	127.9
	8.0	183.6	72.5
	10.0	193.8	119.5
	12.5	46.3	44.6
PESO TOTAL			
CA50	364.6		

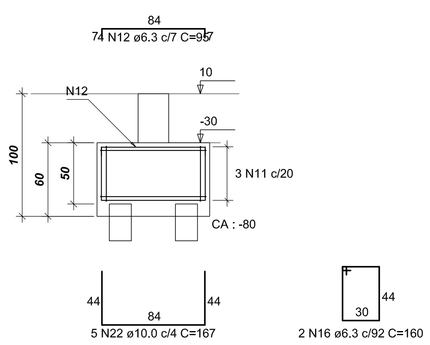
Vol. de concreto total (C-20) =7.04 m³
Área de forma total = 54.84 m²

B30=B41
2 est. 18x18

PLANTA
ESC: 1:25

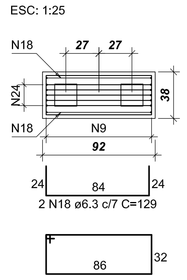


CORTE
ESC: 1:25

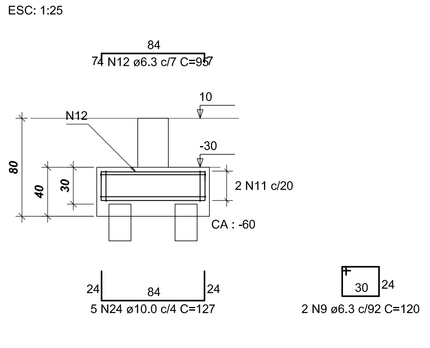


B11=B12=B14=B18=B34=B36
B40=B44=B47=B53=B55
2 est. 18x18

PLANTA
ESC: 1:25

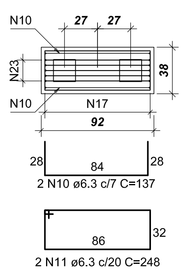


CORTE
ESC: 1:25

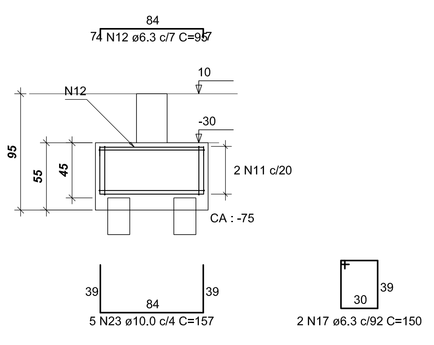


B25=B45
2 est. 18x18

PLANTA
ESC: 1:25

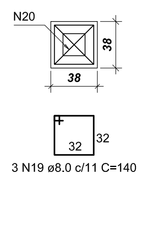


CORTE
ESC: 1:25

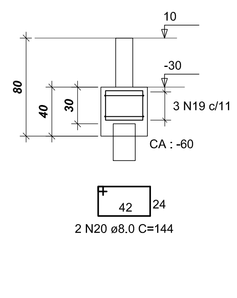


B16=B19=B22=B26=B27=B28=B29=B31=B32=B33
=B35=B37=B38=B39=B42=B43=B46=B48=B49
=B50=B51=B52=B54=B56=BAP1=BAP2
1 est. 18x18

PLANTA
ESC: 1:25

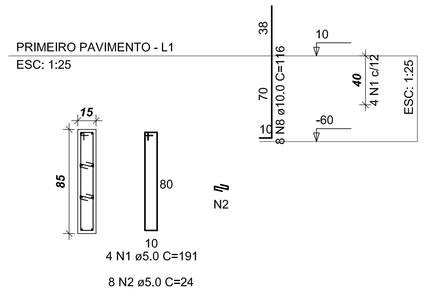


CORTE
ESC: 1:25



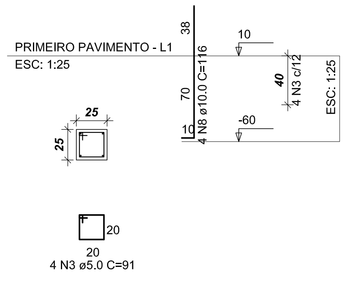
P1=P2=P3=P4=P5=P6=P7
P8=P9=P10=P15=P17=P20

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



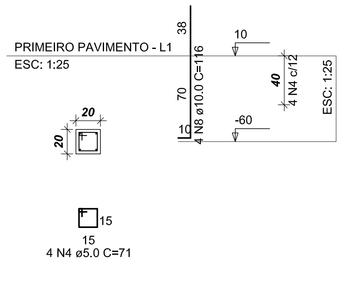
P11=P18=P28=P29=P34=P36
P40=P44=P53=P54P55=P56

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



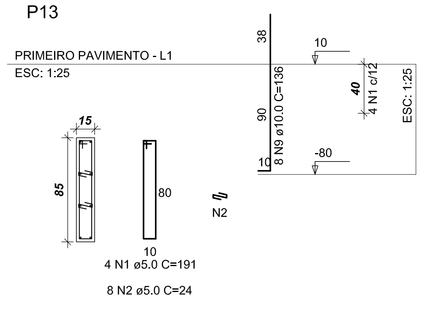
P12=P14=P16=P19=P22=P27
P33=P42=P43=P46=P51=P52

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



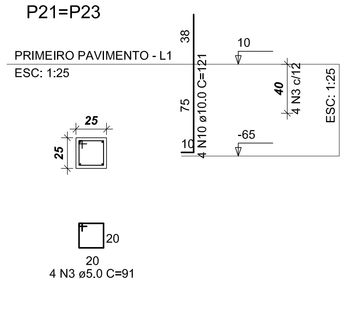
P13

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



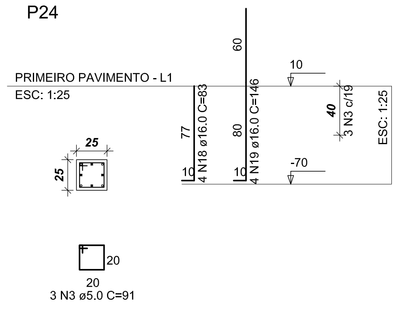
P21=P23

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



P24

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



RELAÇÃO DO AÇO
ESPERA DOS PILARES

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	56	191	10696
	2	5.0	112	24	2688
	3	5.0	78	91	7098
	4	5.0	54	71	3834
	5	5.0	13	79	1027
	6	5.0	9	22	198
	7	5.0	10	59	590
50	8	10.0	212	116	24592
	9	10.0	8	136	1088
	10	10.0	8	121	968
	11	10.0	4	131	524
	12	10.0	2	75	150
	13	12.5	4	74	296
	14	12.5	56	124	6944
	15	12.5	4	94	376
	16	12.5	12	144	1728
	17	12.5	4	139	556
	18	16.0	4	83	332
	19	16.0	4	146	584
	20	16.0	4	73	292
	21	16.0	8	136	1088

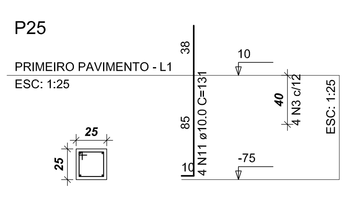
RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	10.0	272.6	168.1
	12.5	99.1	95.5
	16.0	23.0	36.4
CA60	5.0	261.9	40.3
PESO TOTAL			
CA50	300.0		
CA60	40.3		

Área de forma total = 47.33 m²

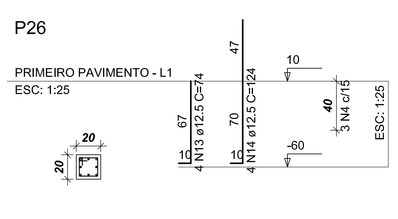
P25

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



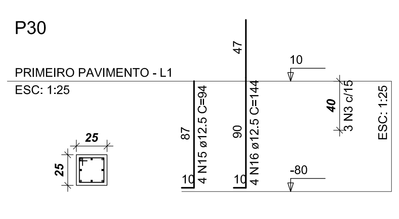
P26

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



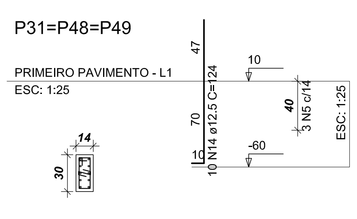
P30

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



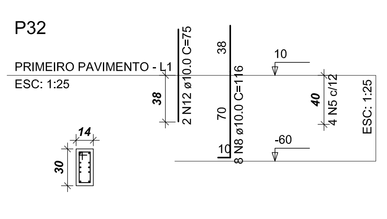
P31=P48=P49

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



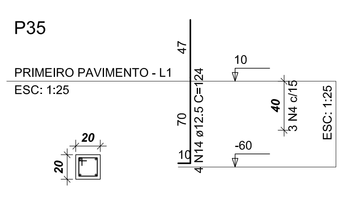
P32

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



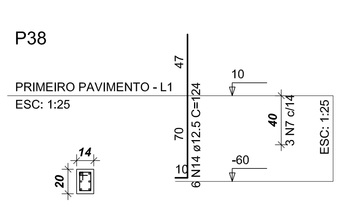
P35

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



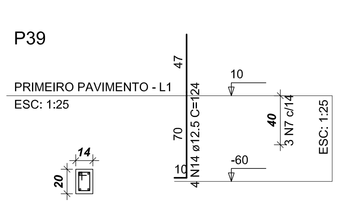
P38

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



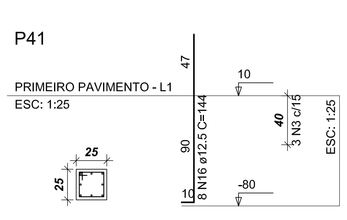
P39

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



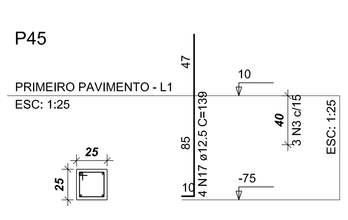
P41

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



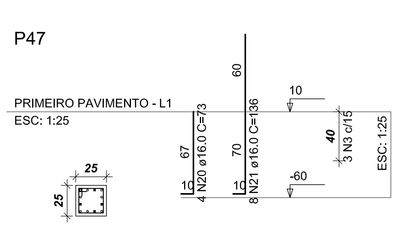
P45

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



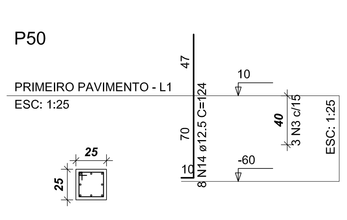
P47

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



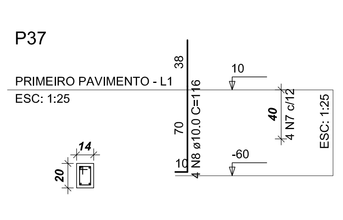
P50

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



P37

PRIMEIRO PAVIMENTO - L1
ESC: 1:25



01	26.03.2013		PROJETO ESTRUTURAL
Nº	DATA		DESCRIÇÃO DA REVISÃO:

AS BUILT ENGENHARIA DE PROJETOS LTDA
Rua Jovino do Rosário, 1564 - Boa Vista
CEP 82560-435 - Curitiba - Paraná
asbuiltprojetos@gmail.com - (41)3088-4949

FASE:
PROJETO ESTRUTURAL

CONFERIR MEDIDAS NA OBRA

OBRA:
PRÉDIO EAD
CAMPUS DIAMANTINA

UFVJM

PRANCHA:
FERRAGEM DOS BLOCOS
ESPERA DOS PILARES

AUTOR PROJETO:
CARLOS HENRIQUE DE SOUZA GONÇALVES
CREA 79620 - Pr

ESCALA: INDICADA
DESENHO: EQUIPE
VERSÃO: VERSAO 1
DATA: 26/03/2013
ÁREA CONSTRUÍDA: 1.139,26 m²
FOLHA: EST 02/18
ARQUIVO: