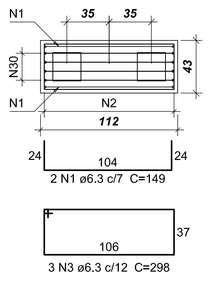
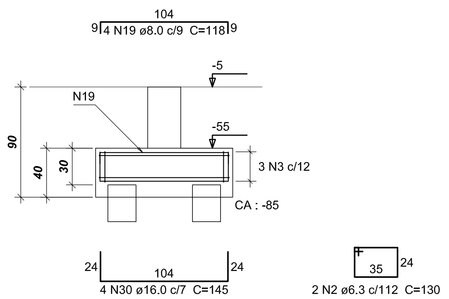
B11=B13=B19=B20=B21=B32=B33=B35=B41=B42
=B43=B46=B49=B54=B56=B69=B70=B71
2 est. 23x23

PLANTA
ESC 1:25

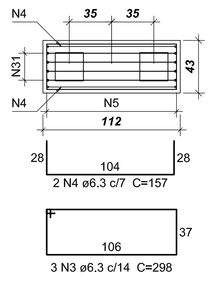


CORTE
ESC 1:25

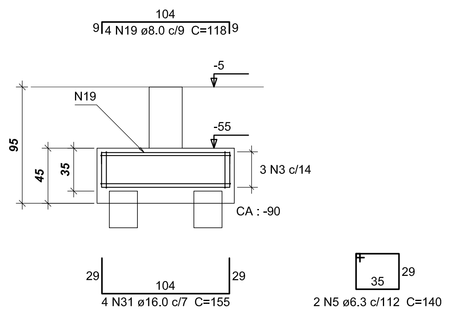


B12=B18=B34=B40=B47=B48=B53=B55=B62=B63
=B68
2 est. 23x23

PLANTA
ESC 1:25

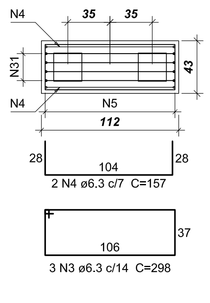


CORTE
ESC 1:25

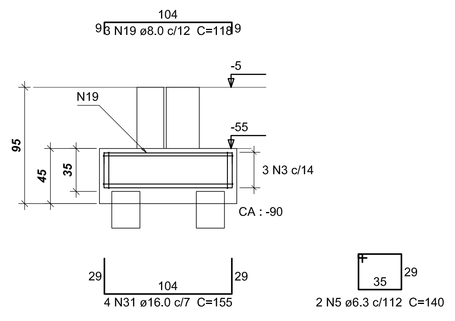


B38-39
2 est. 23x23

PLANTA
ESC 1:25

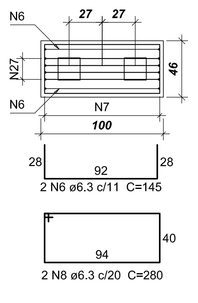


CORTE
ESC 1:25

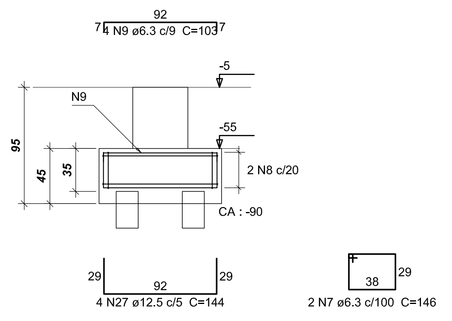


B50
2 est. 18x18

PLANTA
ESC 1:25



CORTE
ESC 1:25



Relação do aço

5xB28	B50	99xB59
2xB61	B64	B65
11xB68	18xB70	B16-17
B38-39	B51-52	B66-67

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	36	149	5364
	2	6.3	36	130	4680
	3	6.3	90	298	26820
	4	6.3	24	157	3768
	5	6.3	24	140	3360
	6	6.3	2	145	290
	7	6.3	2	146	292
	8	6.3	2	280	560
	9	6.3	4	103	412
	10	6.3	12	137	1644
	11	6.3	4	130	520
	12	6.3	22	248	5456
	13	6.3	41	95	3895
	14	6.3	10	129	1290
	15	6.3	10	120	1200
	16	6.3	4	140	560
	17	6.3	4	150	600
	18	6.3	2	168	336
	19	8.0	119	118	14042
	20	8.0	3	172	516
	21	8.0	198	144	28512
	22	8.0	297	140	41580
	23	10.0	10	137	1370
	24	10.0	25	127	3175
	25	10.0	5	147	735
	26	10.0	5	157	785
	27	12.5	4	144	576
	28	12.5	4	156	624
	29	12.5	4	146	584
	30	16.0	72	145	10440
	31	16.0	48	155	7440

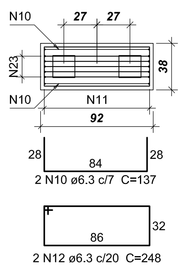
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	610.5	149.4
	8.0	846.5	334
	10.0	60.7	37.4
	12.5	17.9	17.2
	16.0	178.8	282.2
PESO TOTAL			
CA50	820.2		

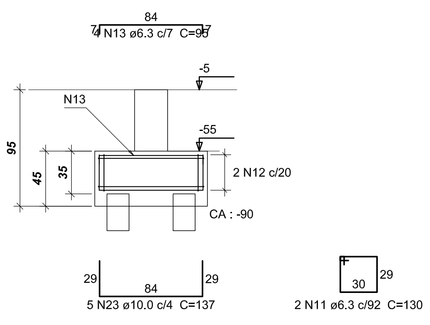
Vol. de concreto total (C-20) = 13.11 m³
Área de forma total = 114.3 m²

B10=B61
2 est. 18x18

PLANTA
ESC 1:25

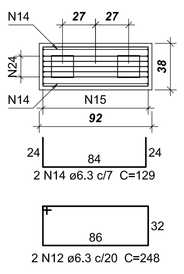


CORTE
ESC 1:25

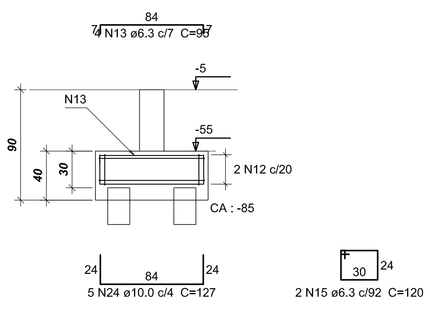


B14=B15=B25=B28=B37
2 est. 18x18

PLANTA
ESC 1:25

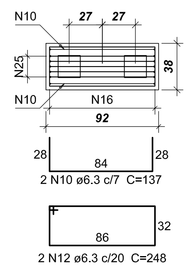


CORTE
ESC 1:25

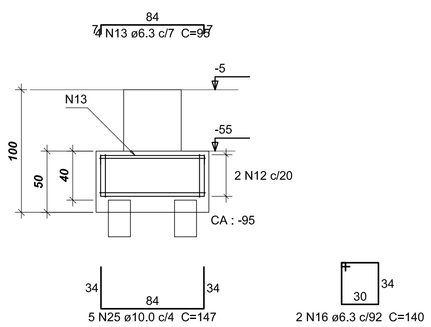


B64
2 est. 18x18

PLANTA
ESC 1:25

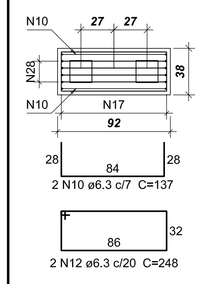


CORTE
ESC 1:25

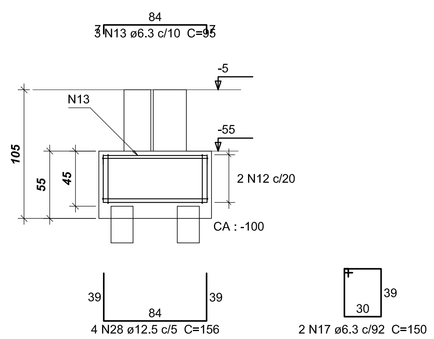


B51-52
2 est. 18x18

PLANTA
ESC 1:25

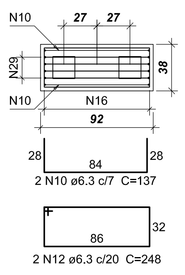


CORTE
ESC 1:25

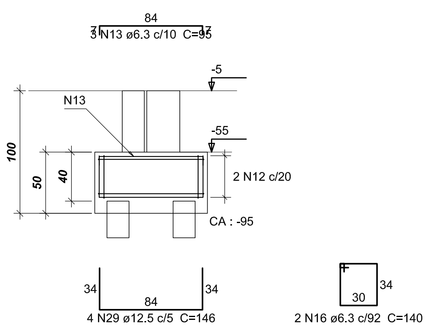


B66-67
2 est. 18x18

PLANTA
ESC 1:25

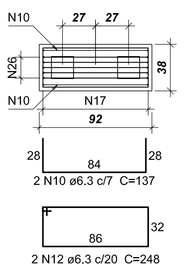


CORTE
ESC 1:25

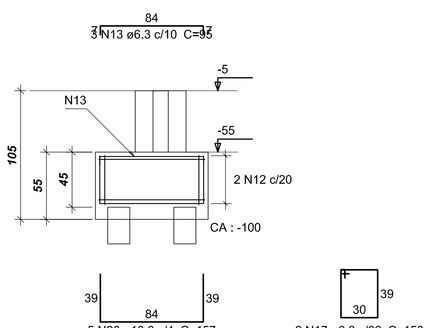


B16-17
2 est. 18x18

PLANTA
ESC 1:25

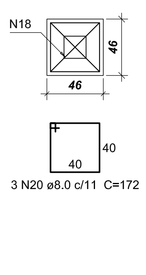


CORTE
ESC 1:25

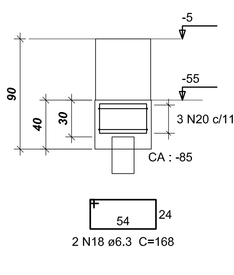


B65
1 est. 18x18

PLANTA
ESC 1:25

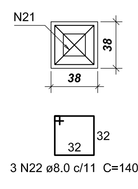


CORTE
ESC 1:25

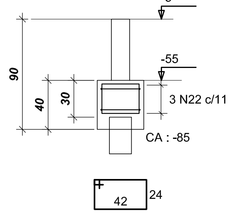


B1=B2=B3=B4=B5=B6=B7=B8=B9=B22=B26=B27
=B29=B30=B31=B36=B44=B45=B57=B58=B59
=B60=B72=B73=B74=B75=B76=B77=B78=BAP1
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=BAP10=BAP11=BAP12=BAP13=BAP14=BAP15
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=BAP52=BAP53=BAP54=BAP55=BAP56=BAP57
=BAP58=BAP59=BAP60=BAP61=BAP62=BAP63
=BAP64=BAP65=BAP66=BAP67=BAP68=BAP69
=BAP70
1 est. 18x18

PLANTA
ESC 1:25



CORTE
ESC 1:25



01	18.06.2013	PROJETO ESTRUTURAL	
Nº	DATA	RESPONSÁVEL	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

ASE: PROJETO ESTRUTURAL

CONFERIR MEDIDAS NA OBRA

OBRA: ADMINISTRAÇÃO
CAMPUS JANAÚBA

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI — CNPJ 16.888.315/0001-57

PRANCHA: FERRAGEM DOS BLOCOS

AUTOR PROJETO: CARLOS HENRIQUE DE SOUZA GONÇALVES
CREA 79820 - Pr

ESCALA: INDICADA				DESENHO: EQUIPE
VERSÃO: VERSAO 1	DATA: 18/06/2013		ÁREA CONSTRUÍDA: 3056,63m²	FOLHA: EST 02/22
ARQUIVO:				