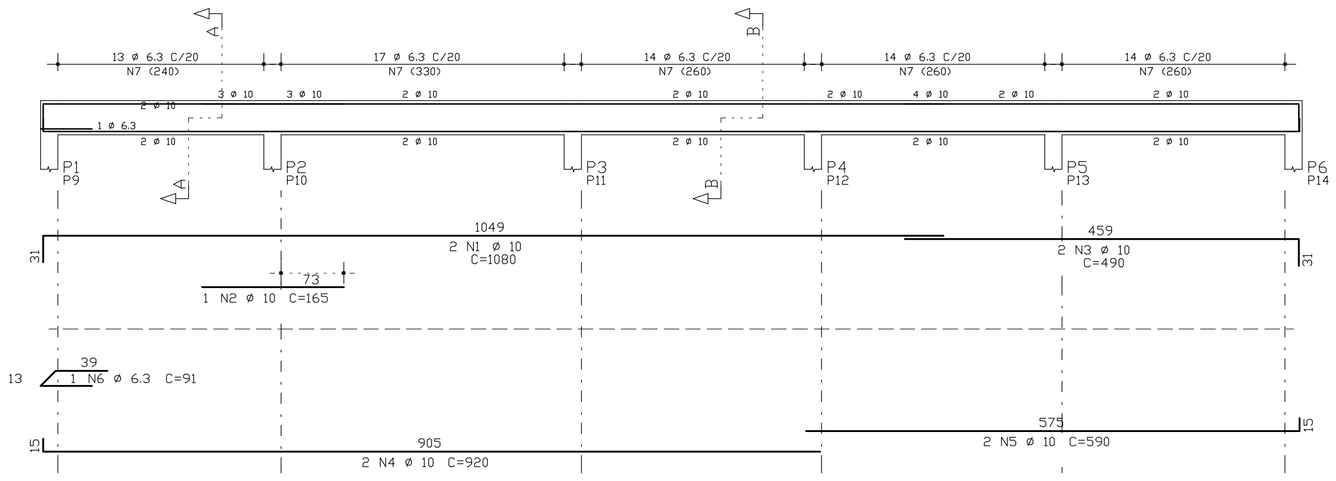
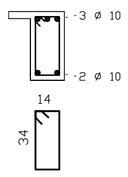
V1=V2 20/40 (2x)

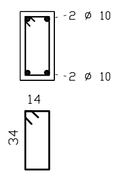


Corte A



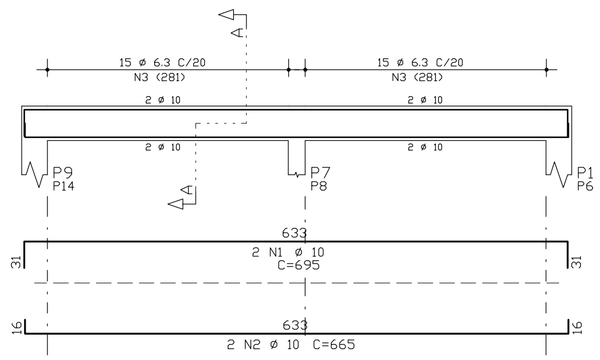
30 N7 ø 6.3 C=109

Corte B

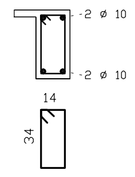


42 N7 ø 6.3 C=109

V3=V5 20/40 (2x)

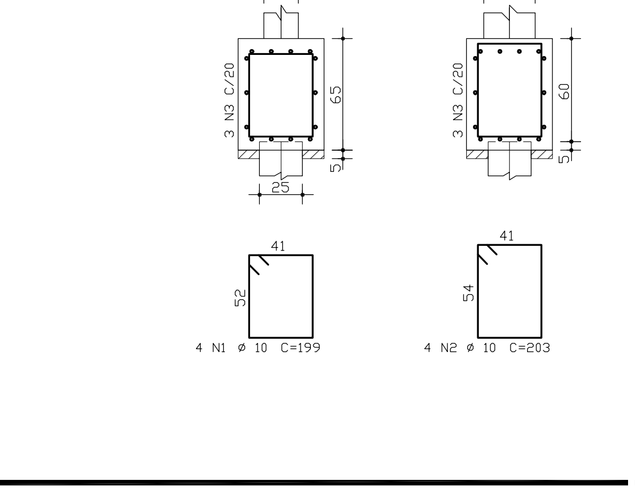


Corte A



30 N3 ø 6.3 C=109

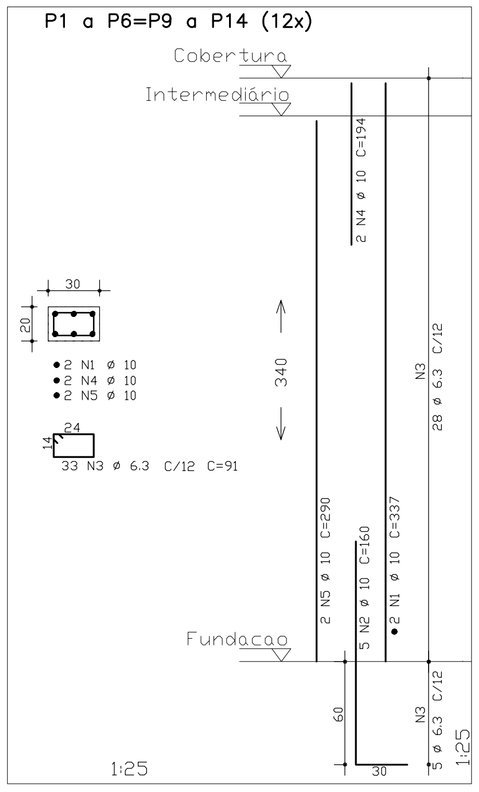
V4 20/40



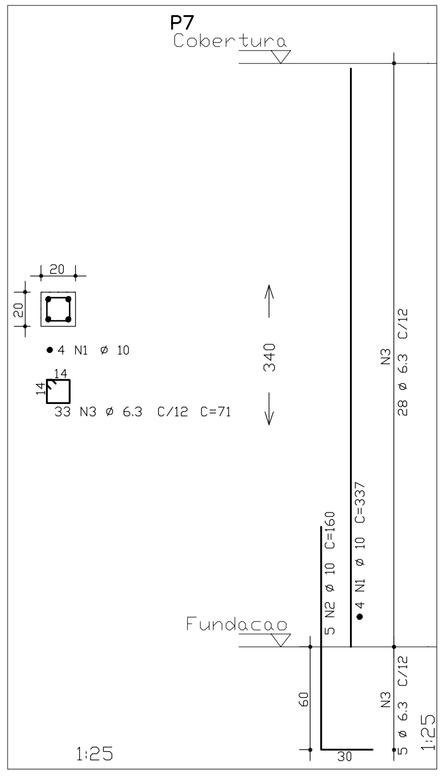
Corte A

30 N5 ø 6.3 C=109

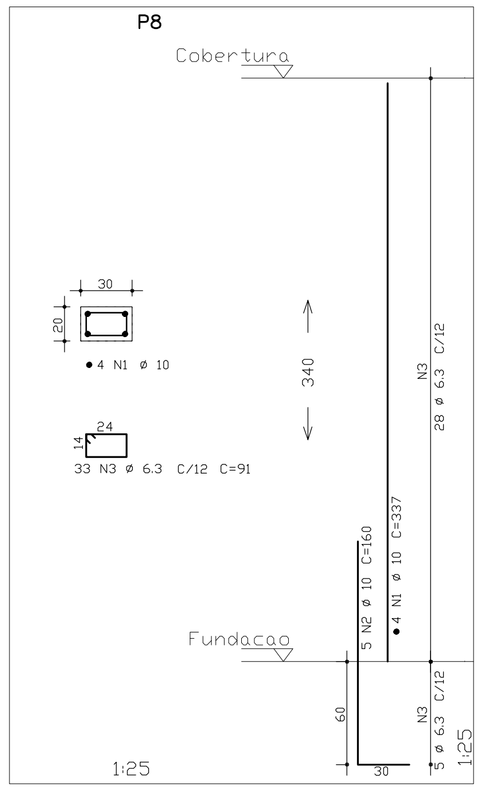
P1 a P6=P9 a P14 (12x)



P7

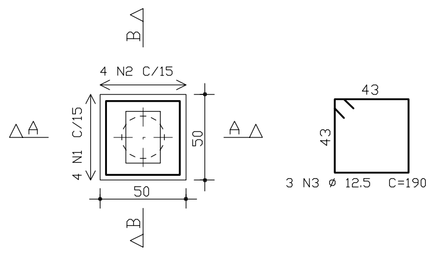


P8

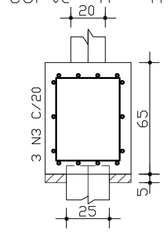


BL.1 (7x)

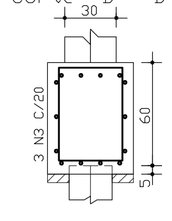
(Esc 1:25)



Corte A - A

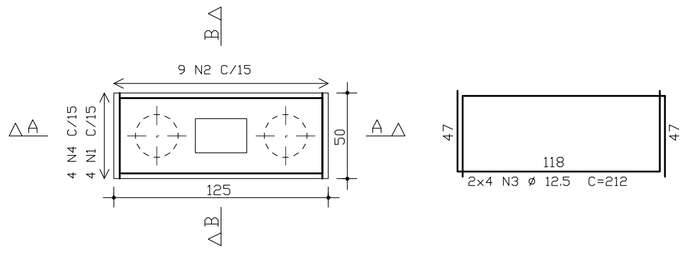


Corte B - B

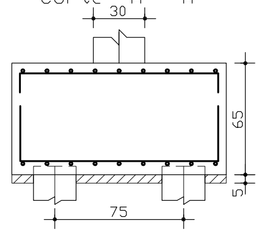


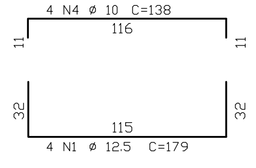
BL.2 (9x)

(Esc 1:25)

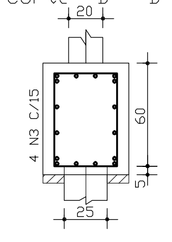


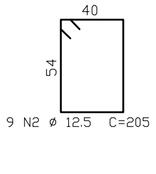
Corte A - A





Corte B - B





	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P1 a P6=P9 a P14 (12x)						
	50A	1	10	24	337	8088
	50A	2	10	60	160	9600
	50A	3	6.3	396	91	36036
	50A	4	10	24	194	4656
	50A	5	10	24	290	6960
P7						
	50A	1	10	4	337	1348
	50A	2	10	5	160	800
	50A	3	6.3	33	71	2343
P8						
	50A	1	10	4	337	1348
	50A	2	10	5	160	800
	50A	3	6.3	33	91	3003
BL.1 (7x) (X7)						
	50A	1	10	28	199	5572
	50A	2	10	28	203	5684
	50A	3	12.5	21	190	3990
BL.2 (9x) (X9)						
	50A	1	12.5	36	179	6444
	50A	2	12.5	81	205	16605
	50A	3	12.5	72	212	15264
	50A	4	10	36	138	4968
V1=V2 (X2)						
	50A	1	10	4	1080	4320
	50A	2	10	2	165	330
	50A	3	10	4	490	1960
	50A	4	10	4	920	3680
	50A	5	10	4	590	2360
	50A	6	6.3	2	91	182
	50A	7	6.3	144	109	15696
V3=V5 (X2)						
	50A	1	10	4	695	2780
	50A	2	10	4	665	2660
	50A	3	6.3	60	109	6540
V4						
	50A	1	6.3	2	385	770
	50A	2	10	4	180	720
	50A	3	10	2	665	1330
	50A	4	10	1	315	315
	50A	5	6.3	30	109	3270

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
50A	6.3	680	171
50A	10	703	443
50A	12.5	423	423
Peso Total	50A =		1037 kg

FONTE / DADOS DE BASE
LEVANTAMENTO PLANIALTIMÉTRICO

AUTORES DO PROJETO / COLABORADORES

CDHU – Gestão

Arq°. Paulo Pignanelli — Coordenação de Projeto

Equipe Técnica: Arq°. Paulo Pignanelli — Autor de Projeto

SISTEMA PRI – Desenvolvimento

Arq°. Marcelo Lopes Mauro — Coordenação	A 18.058-0 CAU
Eng°. Rubens Nabrega Junior — Autor do Projeto	92221220140111304 ART

CONSÓRCIO M.E.G. – Gerenciamento

Eng°. José Marcos Figliolini — Coordenação Geral	92221220130910246 ART
Arq°. Ângela Moreno — Coordenação Setorial	1585386 RRT
Eng°. Fumio Uemura — Analista	0600807030 ART

NOTAS

1– MEDIDAS EM CENTÍMETROS E NÍVEIS EM METRO.

2– RESISTÊNCIA DO CONCRETO ESTRUTURAL fck = 30 MPa

3– AÇO CA 50A fyk > 500 MPa.

4– CONJUNTAMENTE COM ESTA FOLHA DEVEM SER VISTOS OS DESENHOS DE IMPLANTAÇÃO E DRENAGEM.

5– VERIFICAR MEDIDAS NA OBRA.

6– LT = LAJE PRÉ-MOLDADA TIPO TRELIÇA

– SENTIDO DE APOIO DAS VIGOTAS DAS LAJES PRÉ-MOLDADAS

ESPESSURA TOTAL INDICADA

Revisões (discriminação)	Nº	Data	Rubrica

CDHU
Rua Boa Vista,170 . São Paulo . Tel.2505.2000 . CNPJ 47.865.597/0001-09

PROJETO / OBRA

CENTRO DE APOIO AO CONDOMÍNIO C.A.C.

CÓDIGO

C | A | C | 1 | D | 01

TÍTULO: ESTRUTURA | ÁREA: EST | FOLHA: 04/64

ASSUNTO

ARMAÇÃO DAS VIGAS DA COBERTURA
LANCE DOS PILARES
ARMAÇÃO DOS BLOCOS DE FUNDAÇÃO

ESCALA GRÁFICA	ESCALA NOMINAL	DATA
0 0,5 1,0 1,5(m)	1:50	JAN/2014

ASSINATURAS

proprietário	CNPJ
Cia. de Desenvolvimento Habitacional e Urbano do Est. de São Paulo	47.865.597/0001-09
aprovação do projeto – responsável técnico	c.r.e.a. 20314/D
	pref.
	a.r.t.
obra – responsável técnico	c.r.e.a.
	pref.
	a.r.t.

ESPAÇO PARA APROVAÇÃO

LISTA 1

CÓDIGO CDHU EMPREENDIMENTO

Programa	Região	Município	Terreno	Fase	Versão	Etapa do Projeto
0 0	0 0	0 0	0 0	0	0	P E

CACTD_01_EST_CONC_04_04_PE