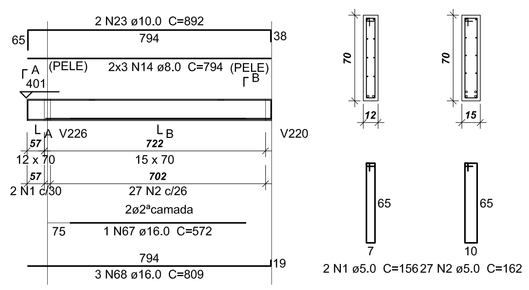
V251 (var)
ESC 1:100



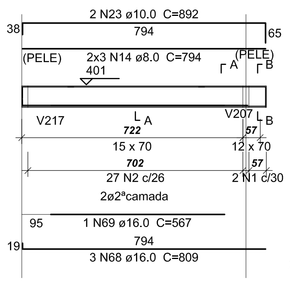
SEÇÃO A-A
ESC 1:25

2 N1 ø5.0 C=156

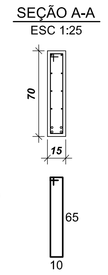
SEÇÃO B-B
ESC 1:25

27 N2 ø5.0 C=162

V252 (var)
ESC 1:100

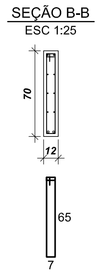


SEÇÃO A-A
ESC 1:25



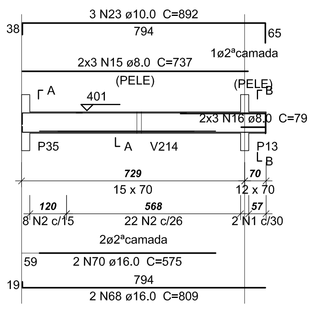
27 N2 ø5.0 C=162

SEÇÃO B-B
ESC 1:25

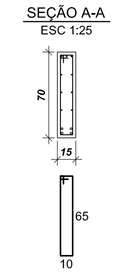


2 N1 ø5.0 C=156

V254 (var)
ESC 1:100

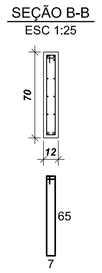


SEÇÃO A-A
ESC 1:25



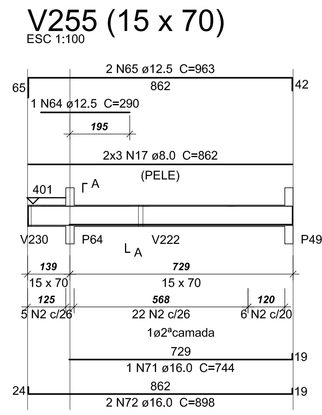
30 N2 ø5.0 C=162

SEÇÃO B-B
ESC 1:25

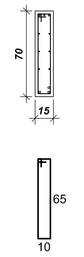


2 N1 ø5.0 C=156

V255 (15 x 70)
ESC 1:100

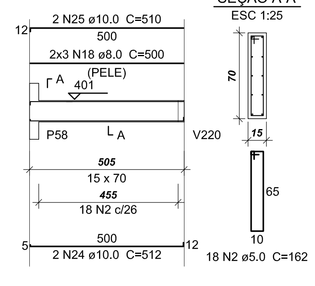


SEÇÃO A-A
ESC 1:25



33 N2 ø5.0 C=162

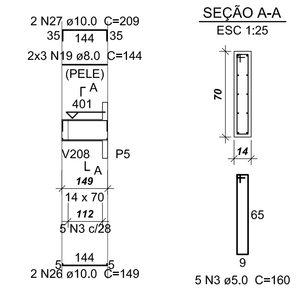
V256 (15 x 70)
ESC 1:100



SEÇÃO A-A
ESC 1:25

18 N2 ø5.0 C=162

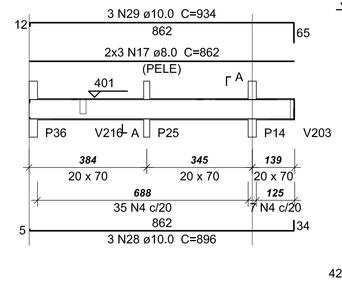
V257 (14 x 70)
ESC 1:100



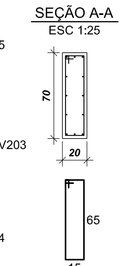
SEÇÃO A-A
ESC 1:25

5 N3 ø5.0 C=160

V258 (20 x 70)
ESC 1:100

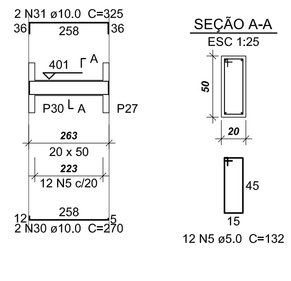


SEÇÃO A-A
ESC 1:25



42 N4 ø5.0 C=172

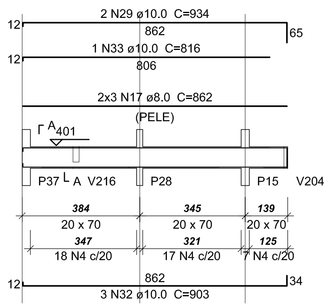
V260 (20 x 50)
ESC 1:100



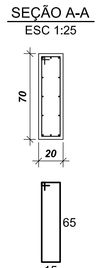
SEÇÃO A-A
ESC 1:25

12 N5 ø5.0 C=132

V261 (20 x 70)
ESC 1:100

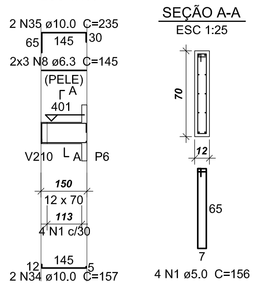


SEÇÃO A-A
ESC 1:25



42 N4 ø5.0 C=172

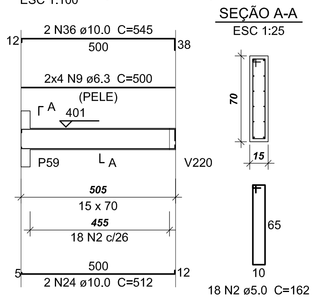
V262 (12 x 70)
ESC 1:100



SEÇÃO A-A
ESC 1:25

4 N1 ø5.0 C=156

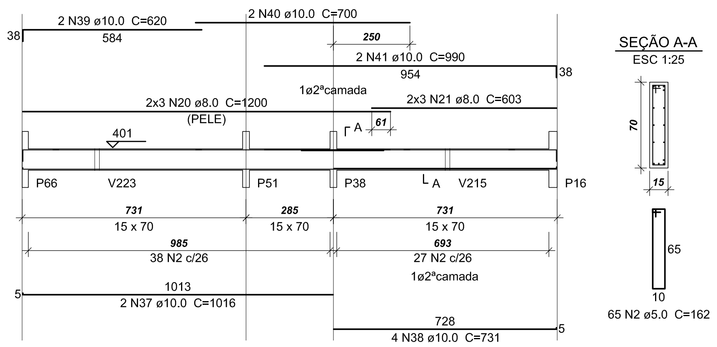
V263 (15 x 70)
ESC 1:100



SEÇÃO A-A
ESC 1:25

18 N2 ø5.0 C=162

V264 (15 x 70)
ESC 1:100



SEÇÃO A-A
ESC 1:25

65 N2 ø5.0 C=162

V285 (12 x 70)
ESC 1:100

SEÇÃO A-A
ESC 1:25



5 N1 ø5.0 C=156

V286 (12 x 70)
ESC 1:100

SEÇÃO A-A
ESC 1:25

5 N1 ø5.0 C=156

V291 (15 x 30)
ESC 1:100

SEÇÃO A-A
ESC 1:25

36 N6 ø5.0 C=82

V292 (15 x 50)
ESC 1:100

SEÇÃO A-A
ESC 1:25

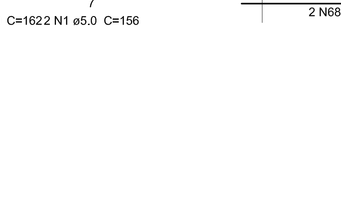
7 N7 ø5.0 C=122

V293 (15 x 30)
ESC 1:100

SEÇÃO A-A
ESC 1:25

36 N6 ø5.0 C=82

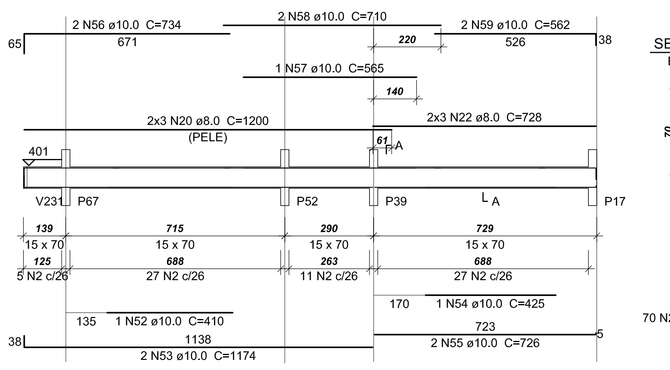
V294
ESC 1:100



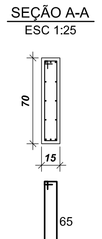
SEÇÃO A-A
ESC 1:25

8 N7 ø5.0 C=122

V265 (15 x 70)
ESC 1:100

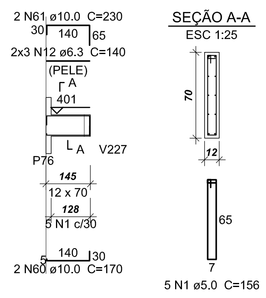


SEÇÃO A-A
ESC 1:25



70 N2 ø5.0 C=162

V266 (12 x 70)
ESC 1:100



SEÇÃO A-A
ESC 1:25

5 N1 ø5.0 C=156

V267 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

2 N1 ø5.0 C=156

SEÇÃO B-B
ESC 1:25

29 N2 ø5.0 C=162

V268 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

29 N2 ø5.0 C=162

SEÇÃO B-B
ESC 1:25

2 N1 ø5.0 C=156

V269 (12 x 70)
ESC 1:100

SEÇÃO A-A
ESC 1:25

2 N1 ø5.0 C=156

V270 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

2 N1 ø5.0 C=156

SEÇÃO B-B
ESC 1:25

38 N2 ø5.0 C=162

V271 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

38 N2 ø5.0 C=162

SEÇÃO B-B
ESC 1:25

2 N1 ø5.0 C=156

V272 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

2 N1 ø5.0 C=156

SEÇÃO B-B
ESC 1:25

27 N2 ø5.0 C=162

V273 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

27 N2 ø5.0 C=162

SEÇÃO B-B
ESC 1:25

2 N1 ø5.0 C=156

V274 (var)
ESC 1:100

SEÇÃO A-A
ESC 1:25

2 N1 ø5.0 C=156

SEÇÃO B-B
ESC 1:25

38 N2 ø5.0 C=162

Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	41	156	6396
	2	5.0	514	162	83268
	3	5.0	5	160	800
	4	5.0	84	172	14448
	5	5.0	12	132	1584
	6	5.0	72	82	5904
	7	5.0	15	122	1830
CA50	8	6.3	6	145	870
	9	6.3	8	500	4000
	10	6.3	12	149	1788
	11	6.3	2	72	144
	12	6.3	6	140	840
	13	6.3	6	72	432
	14	8.0	54	794	42876
	15	8.0	6	737	4422
	16	8.0	6	79	474
	17	8.0	18	862	15516
	18	8.0	6	500	3000
	19	8.0	6	144	864
	20	8.0	12	1200	14400
	21	8.0	6	603	3618
	22	8.0	6	728	4368
	23	10.0	15	892	13380
	24	10.0	4	512	2048
	25	10.0	2	510	1020
	26	10.0	2	149	298
	27	10.0	2	209	418
	28	10.0	3	896	2688
	29	10.0	5	934	4670
	30	10.0	2	270	540
	31	10.0	2	325	650
	32	10.0	3	903	2709
	33	10.0	1	816	816
	34	10.0	2	157	314
	35	10.0	2	235	470
	36	10.0	2	545	1090
	37	10.0	2	1016	2032
	38	10.0	4	731	2924
	39	10.0	2	620	1240
	40	10.0	2	700	1400
	41	10.0	2	990	1980
	42	10.0	4	168	672
	43	10.0	4	149	596
	44	10.0	2	787	1574
	45	10.0	2	809	1618
	46	10.0	2	214	428
	47	10.0	2	269	538
	48	10.0	2	777	1554
	49	10.0	2	795	1590
	50	10.0	2	230	460
	51	10.0	2	267	534
	52	10.0	1	410	410
	53	10.0	2	1174	2348
	54	10.0	1	425	425
	55	10.0	2	726	1452
	56	10.0	2	734	1468
	57	10.0	1	565	565
	58	10.0	2	710	1420
	59	10.0	2	562	1124
	60	10.0	2	170	340
	61	10.0	2	230	460
	62	10.0	2	75	150
	63	10.0	2	162	324
	64	12.5	1	290	290
	65	12.5	2	963	1926
	66	12.5	9	889	8001
	67	16.0	1	572	572
	68	16.0	26	809	21034
	69	16.0	3	567	1701
	70	16.0	2	575	1150
	71	16.0	1	744	744
	72	16.0	2	898	1796
	73	16.0	4	647	2588
	74	16.0	4	580	2320
	75	16.0	2	585	1170

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6,3	80,8	19,8
	8,0	895,4	353,3
	10,0	607,4	374,5
	12,5	102,2	98,4
	16,0	330,8	522
CA60	5,0	1142,3	176,1
PESO TOTAL			
CA50	1368		
CA60	176,1		

Vol. de concreto total (C-25) = 18.45 m³
Área de forma total = 268.95 m²

V251	V252	V254
V255	V256	V257
V258	V260	V261
V262	V263	V264
V265	V266	V267
V268	V269	V270
V271	V272	V273
V274	V285	V286
V291	V292	V293
V294		

Nº	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO
01	18.06.2013		PROJETO ESTRUTURAL

AS BUILT ENGENHARIA DE PROJETOS LTDA
Rua Jovino do Rosário, 1564 - Boa Vista
CEP 82560-435 - Curitiba - Paraná
asbuiltprojetos@gmail.com - (41)3068-4949

FASE: 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

UFVJM

PRANCHA: FERRAGENS DAS VIGAS:
SEGUNDO PAVIMENTO (3)

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

ESCALA: INDICADA — DESENHO: EQUIPE

VERSÃO: VERSAO 1 — DATA: 18/06/2013 — ÁREA CONSTRUÍDA: 3056,63m² — FOLHA: EST 12/22

ARQUIVO: