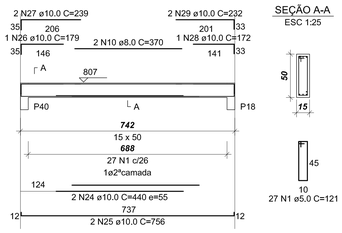
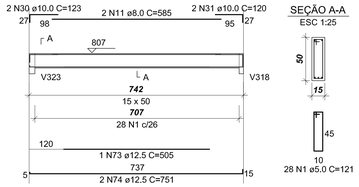
V364 (15 x 50)
ESC 1:75



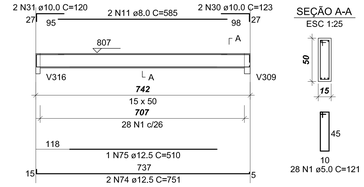
SEÇÃO A-A
ESC 1:25

V365 (15 x 50)
ESC 1:75



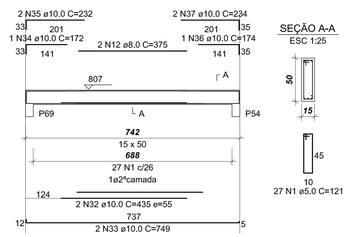
SEÇÃO A-A
ESC 1:25

V366 (15 x 50)
ESC 1:75



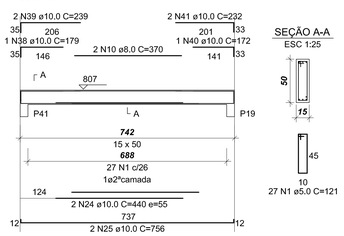
SEÇÃO A-A
ESC 1:25

V367 (15 x 50)
ESC 1:75



SEÇÃO A-A
ESC 1:25

V368 (15 x 50)
ESC 1:75



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

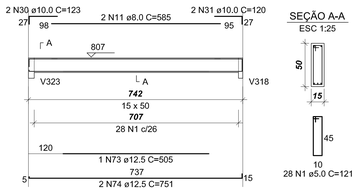
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	303	121	36663
	2	5.0	35	155	5425
	3	5.0	166	171	28386
	4	5.0	43	161	6923
50	5	6.3	18	140	2520
	6	6.3	12	149	1788
	7	6.3	6	152	912
	8	6.3	6	150	900
	9	6.3	8	1118	8944
	10	8.0	8	370	2960
	11	8.0	10	585	5850
	12	8.0	2	375	750
	13	8.0	2	590	1180
	14	8.0	6	1200	7200
	15	8.0	6	853	5118
	16	8.0	2	405	810
	17	8.0	2	400	800
	18	8.0	2	149	298
	19	8.0	2	152	304
	20	8.0	12	722	8664
	21	8.0	2	420	840
	22	8.0	2	410	820
	23	8.0	2	838	1676
	24	10.0	7	440	3080
	25	10.0	8	756	6048
	26	10.0	2	179	358
	27	10.0	6	239	1434
	28	10.0	3	172	516
	29	10.0	6	232	1392
	30	10.0	12	123	1476
	31	10.0	10	120	1200
	32	10.0	4	435	1740
	33	10.0	4	749	2996
	34	10.0	1	172	172
	35	10.0	2	232	464
	36	10.0	1	174	174
	37	10.0	2	234	468
	38	10.0	1	179	179
	39	10.0	2	239	478
	40	10.0	1	172	172
	41	10.0	2	232	464
	42	10.0	1	174	174
	43	10.0	4	520	2080
	44	10.0	2	742	1484
	45	10.0	2	115	230
	46	10.0	6	170	1020
	47	10.0	6	230	1380
	48	10.0	1	165	165
	49	10.0	2	410	820
	50	10.0	1	283	283
	51	10.0	2	1170	2340
	52	10.0	1	108	108
	53	10.0	2	880	1760
	54	10.0	2	180	360
	55	10.0	4	339	1356
	56	10.0	1	550	550
	57	10.0	2	715	1430
	58	10.0	2	161	322
	59	10.0	2	157	314
	60	10.0	4	727	2908
	61	10.0	4	143	572
	62	10.0	4	203	812
	63	10.0	1	430	430
	64	10.0	4	208	832
	65	10.0	2	154	308
	66	10.0	2	204	408
	67	10.0	2	155	310
	68	10.0	2	205	410
	69	10.0	1	648	648
	70	10.0	2	1137	2274
	71	10.0	2	206	412
	72	10.0	2	186	372
	73	12.5	2	505	1010
	74	12.5	8	751	6008
	75	12.5	2	510	1020

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+0% (kg)
CA50	6.3	150.6	36.9
	8.0	372.7	147.3
	10.0	496.8	306.4
	12.5	80.4	77.5
CA60	5.0	776.7	119.6
PESO TOTAL			
CA50		568.1	
CA60		119.6	

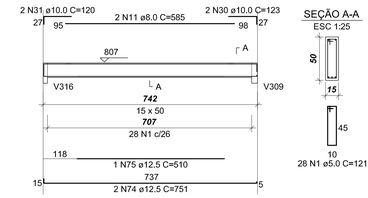
Vol. de concreto total (C-25) =13.02 m³
Área de forma total = 182.52 m²

V369 (15 x 50)
ESC 1:75



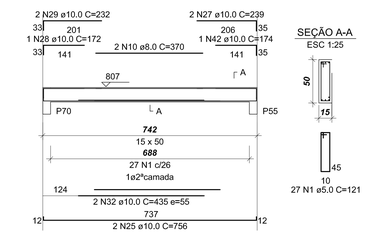
SEÇÃO A-A
ESC 1:25

V370 (15 x 50)
ESC 1:75



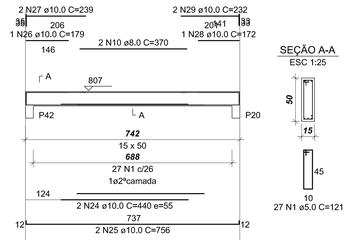
SEÇÃO A-A
ESC 1:25

V371 (15 x 50)
ESC 1:75



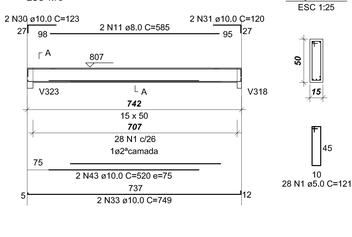
SEÇÃO A-A
ESC 1:25

V372 (15 x 50)
ESC 1:75



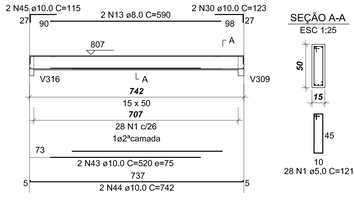
SEÇÃO A-A
ESC 1:25

V373 (15 x 50)
ESC 1:75



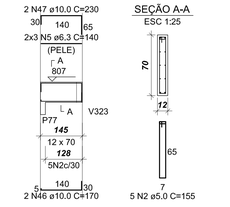
SEÇÃO A-A
ESC 1:25

V374 (15 x 50)
ESC 1:75



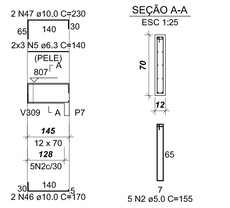
SEÇÃO A-A
ESC 1:25

V375 (12 x 70)
ESC 1:75



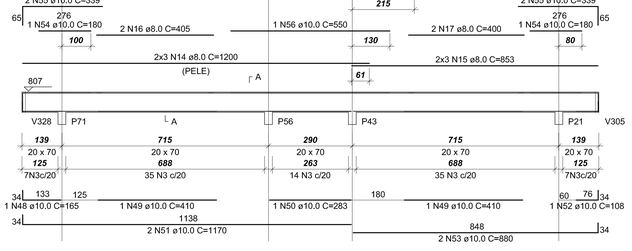
SEÇÃO A-A
ESC 1:25

V376 (12 x 70)
ESC 1:75

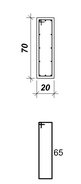


SEÇÃO A-A
ESC 1:25

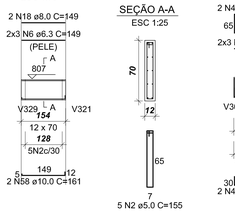
V377 (20 x 70)
ESC 1:75



SEÇÃO A-A
ESC 1:25

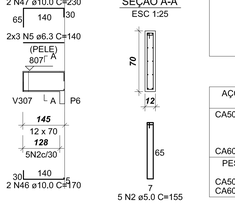


V378 (12 x 70)
ESC 1:75



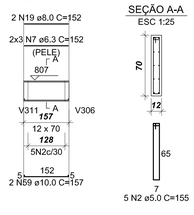
SEÇÃO A-A
ESC 1:25

V385 (12 x 70)
ESC 1:75



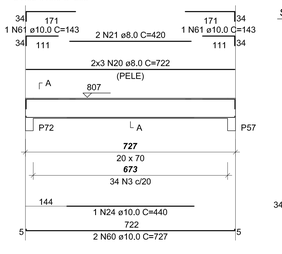
SEÇÃO A-A
ESC 1:25

V379 (12 x 70)
ESC 1:75

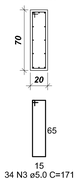


SEÇÃO A-A
ESC 1:25

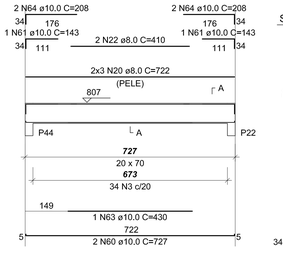
V380 (20 x 70)
ESC 1:75



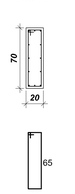
SEÇÃO A-A
ESC 1:25



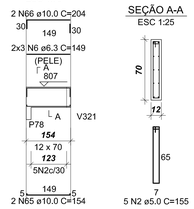
V381 (20 x 70)
ESC 1:75



SEÇÃO A-A
ESC 1:25



V382 (12 x 70)
ESC 1:75



SEÇÃO A-A
ESC 1:25

V384 (15 x 70)
ESC 1:75

SEÇÃO A-A
ESC 1:25

V383 (12 x 70)
ESC 1:75

SEÇÃO A-A
ESC 1:25

V364 V365 V366
V367 V368 V369
V370 V371 V372
V373 V374 V375
V376 V377 V378
V379 V380 V381
V382 V383 V384
V385

01	22.07.2013	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

PROJETO ESTRUTURAL

CONFERIR MEDIDAS NA OBRA

OBRA:
ADMINISTRAÇÃO
CAMPUS UNAÍ

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

PRANCHA:
FERRAGENS DAS VIGAS:
PAVIMENTO COBERTURA(4)

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

ESCALA: INDICADA			DESENHO: EQUIPE
VERSÃO: VERSAO 1	DATA: 22/07/2013	ÁREA CONSTRUÍDA: 3056,63m²	FOLHA: EST 21/22
ARQUIVO:			