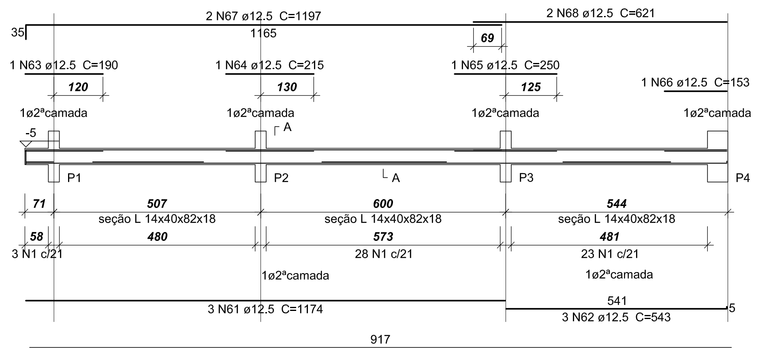
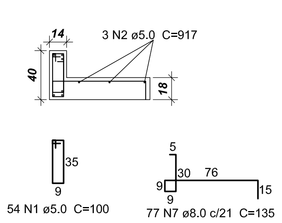
VB1 (seção L 14x40x82x18)

1:75

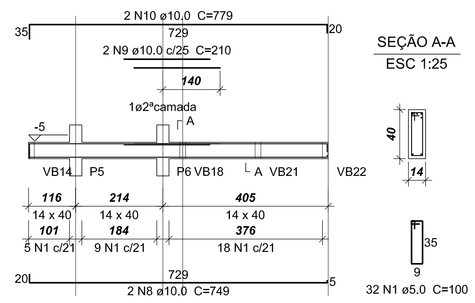


SEÇÃO A-A
ESC 1:25



VB2 (14 x 40)

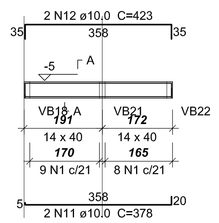
1:75



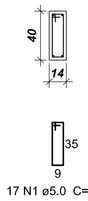
SEÇÃO A-A
ESC 1:25

VB3 (14 x 40)

1:75

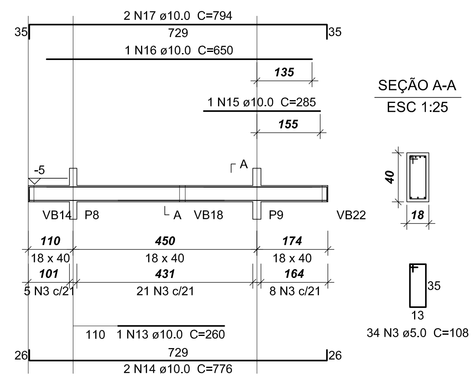


SEÇÃO A-A
ESC 1:25



VB4 (18 x 40)

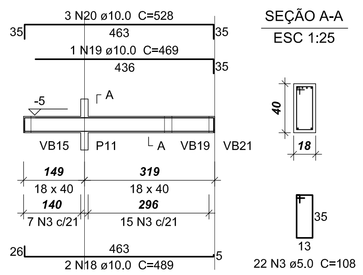
1:75



SEÇÃO A-A
ESC 1:25

VB5 (18 x 40)

1:75



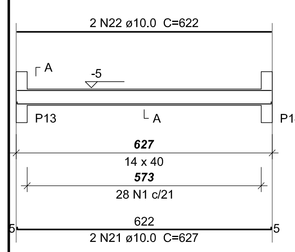
SEÇÃO A-A
ESC 1:25

Relação do aço

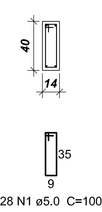
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	539	100	53900
	2	5.0	3	917	2751
	3	5.0	137	108	14796
	4	5.0	3	333	999
	5	5.0	15	126	1890
	6	5.0	3	1445	4335
CA50	7	8.0	192	135	25920
	8	10.0	2	749	1498
	9	10.0	2	210	420
	10	10.0	4	779	3116
	11	10.0	4	378	1512
	12	10.0	4	423	1692
	13	10.0	1	260	260
	14	10.0	2	776	1552
	15	10.0	1	285	285
	16	10.0	1	650	650
	17	10.0	2	794	1588
	18	10.0	2	489	978
	19	10.0	1	469	469
	20	10.0	3	528	1584
	21	10.0	2	627	1254
	22	10.0	2	622	1244
	23	10.0	2	328	656
	24	10.0	2	379	758
	25	10.0	1	220	220
	26	10.0	1	461	461
	27	10.0	2	591	1182
	28	10.0	3	195	585
	29	10.0	2	628	1256
	30	10.0	2	734	1468
	31	10.0	2	749	1498
	32	10.0	2	744	1488
	33	10.0	2	334	668
	34	10.0	2	364	728
	35	10.0	2	333	666
	36	10.0	2	363	726
	37	10.0	2	489	978
	38	10.0	2	533	1066
	39	10.0	4	208	832
	40	10.0	2	250	500
	41	10.0	4	318	1272
	42	10.0	4	348	1392
	43	10.0	2	259	518
	44	10.0	4	473	1892
	45	10.0	1	445	445
	46	10.0	2	518	1036
	47	10.0	2	788	1576
	48	10.0	2	655	1310
	49	10.0	1	165	165
	50	10.0	1	175	175
	51	10.0	2	220	440
	52	10.0	2	1198	2396
	53	10.0	2	394	788
	54	10.0	2	83	166
	55	10.0	2	148	296
	56	10.0	4	82	328
	57	10.0	4	147	588
	58	10.0	2	1185	2370
	59	10.0	2	1060	2120
	60	10.0	2	190	380
	61	12.5	3	1174	3522
	62	12.5	3	543	1629
	63	12.5	2	190	380
	64	12.5	1	215	215
	65	12.5	1	250	250
	66	12.5	1	153	153
	67	12.5	4	1197	4788
	68	12.5	2	621	1242
	69	12.5	3	997	2991
	70	12.5	1	551	551
	71	12.5	2	1038	2076
	72	12.5	2	517	1034
	73	12.5	3	1011	3033
	74	12.5	3	481	1443
	75	12.5	1	627	627
	76	12.5	1	586	586
	77	12.5	2	386	772

VB6 (14 x 40)

1:75

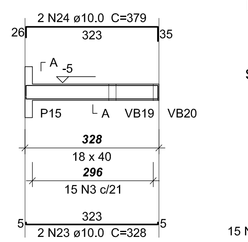


SEÇÃO A-A
ESC 1:25

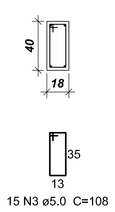


VB7 (18 x 40)

1:75

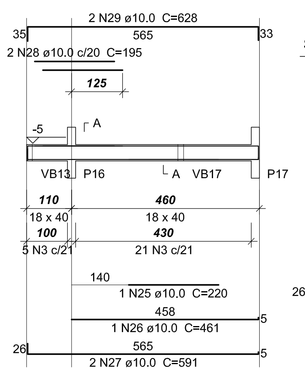


SEÇÃO A-A
ESC 1:25

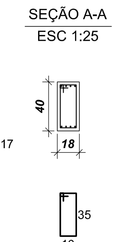


VB8 (18 x 40)

1:75

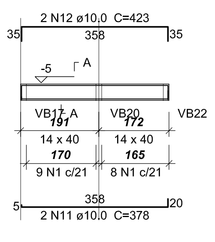


SEÇÃO A-A
ESC 1:25

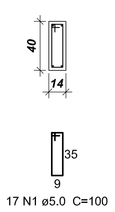


VB9 (14 x 40)

1:75

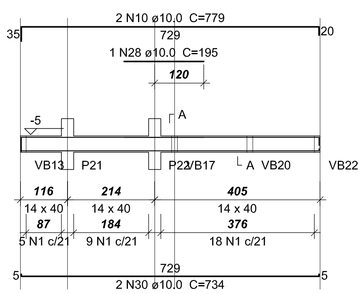


SEÇÃO A-A
ESC 1:25

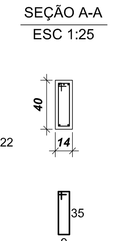


VB10 (14 x 40)

1:75

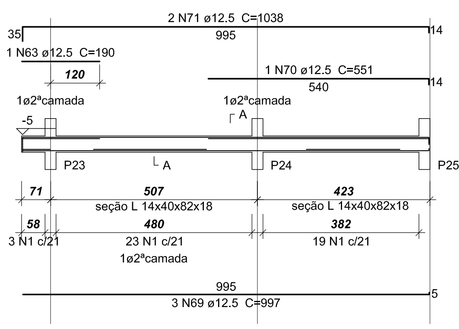


SEÇÃO A-A
ESC 1:25

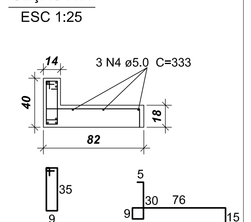


VB11 (seção L 14x40x82x18)

1:75

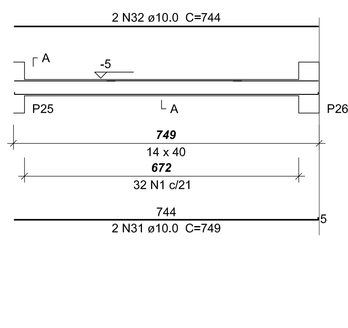


SEÇÃO A-A
ESC 1:25

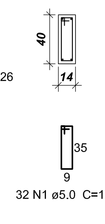


VB12 (14 x 40)

1:75

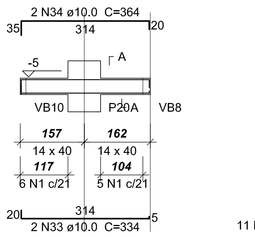


SEÇÃO A-A
ESC 1:25

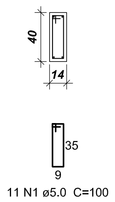


VB13 (14 x 40)

1:75

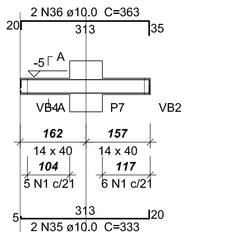


SEÇÃO A-A
ESC 1:25

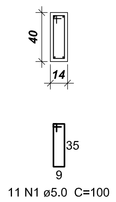


VB14 (14 x 40)

1:75

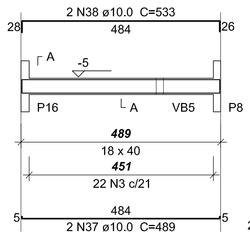


SEÇÃO A-A
ESC 1:25

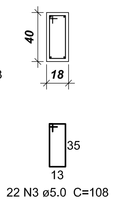


VB15 (18 x 40)

1:75

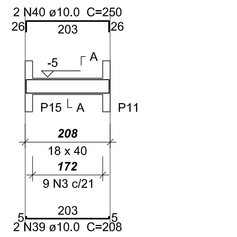


SEÇÃO A-A
ESC 1:25

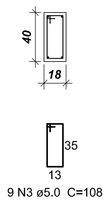


VB16 (18 x 40)

1:75

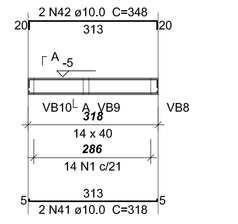


SEÇÃO A-A
ESC 1:25

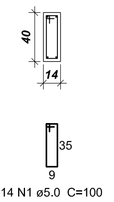


VB17 (14 x 40)

1:75

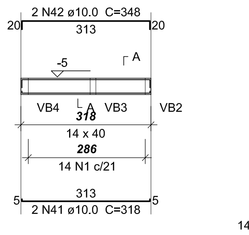


SEÇÃO A-A
ESC 1:25

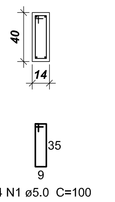


VB18 (14 x 40)

1:75

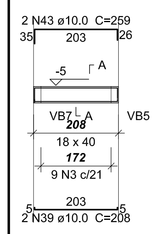


SEÇÃO A-A
ESC 1:25

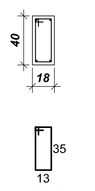


VB19 (18 x 40)

1:75

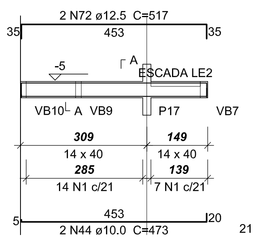


SEÇÃO A-A
ESC 1:25

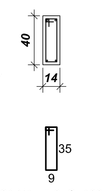


VB20 (14 x 40)

1:75

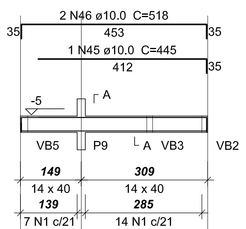


SEÇÃO A-A
ESC 1:25

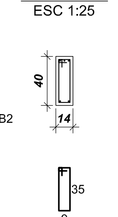


VB21 (14 x 40)

1:75

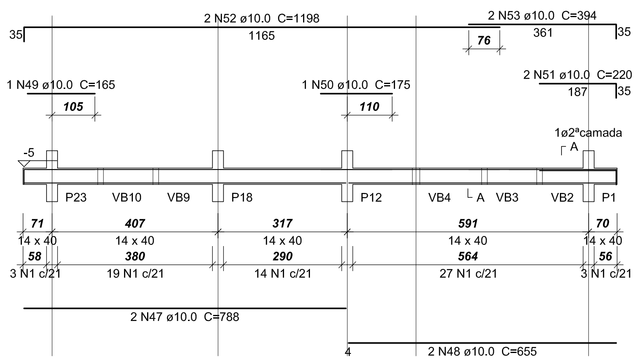


SEÇÃO A-A
ESC 1:25

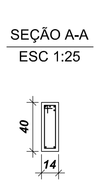


VB22 (14 x 40)

1:75

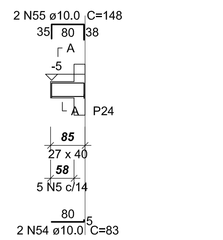


SEÇÃO A-A
ESC 1:25

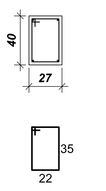


VB23 (27 x 40)

1:75

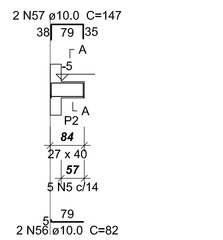


SEÇÃO A-A
ESC 1:25

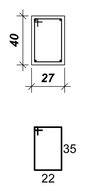


VB24 (27 x 40)

1:75



SEÇÃO A-A
ESC 1:25



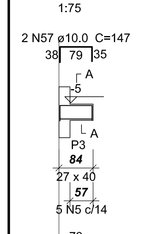
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	8.0	259.2	102.3
	10.0	535	329.8
	12.5	253	243.6
CA60	5.0	786.8	121.3
PESO TOTAL			
CA50	675.7		
CA60	121.3		

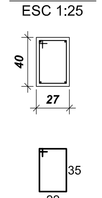
Vol. de concreto total (C-25) = 9.48 m³
Área de forma total = 137 m²

VB25 (27 x 40)

1:75

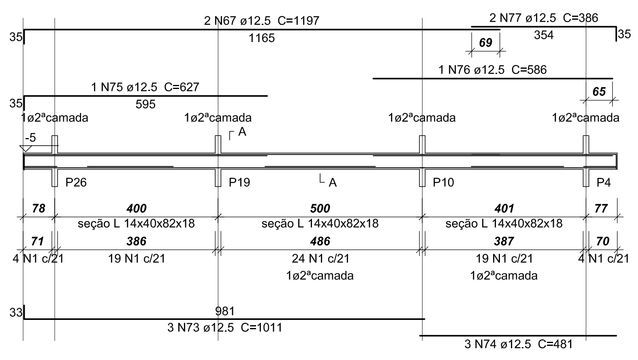


SEÇÃO A-A
ESC 1:25

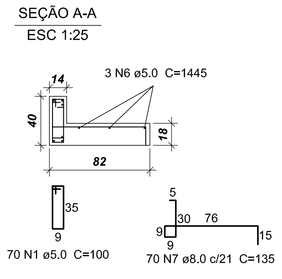


VB26 (seção L 14x40x82x18)

1:75

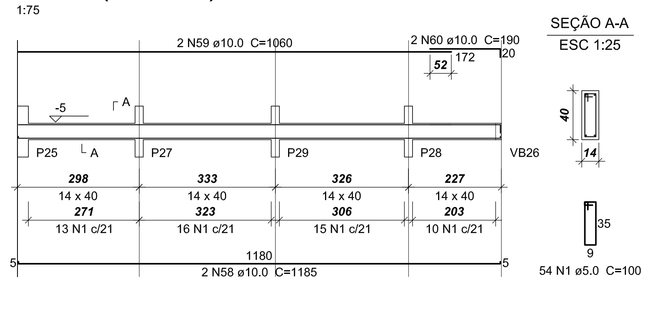


SEÇÃO A-A
ESC 1:25



VB27 (14 x 40)

1:75



SEÇÃO A-A
ESC 1:25

AS BUILT PROJETOS
Rua Jovino do Rosário, 1564 – Boa Vista
CEP 82560-435 – Curitiba – Paraná

OBRA: CITEC – CAMPUS DIAMANTINA
PROPRIETÁRIO: UNIVERSIDADE DOS VALES DO JEQUITINHONHA E MUCURI – UFVJM
ENDEREÇO: RODOVIA MGT 367 – Km 583, Nº5000, ALTO DA JACUBA – DIAMANTINA/MG

PROJETO ESTRUTURAL
PRANCHA: EST 04/18
ARQUIVO:
REFERÊNCIA: FERRAGEM DOS BALDRAMES
DESENHO: CARLOS
DATA: 14/10/2012
ESCALA: INDICADA

AUTOR DO PROJETO: ENG. CIVIL CARLOS HENRIQUE DE S. GONÇALVES
CREA: 7.982-D/PR