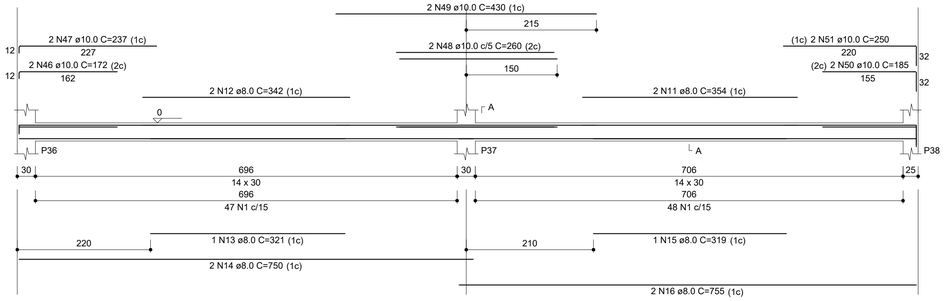
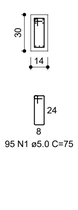
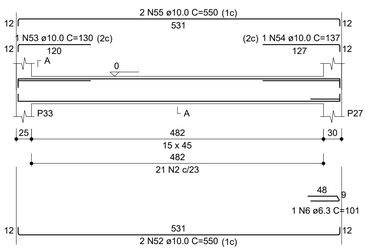
VB-12 (14 x 30)
ESCALA 1:50



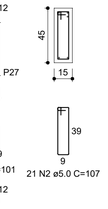
SEÇÃO A-A
ESCALA 1:25



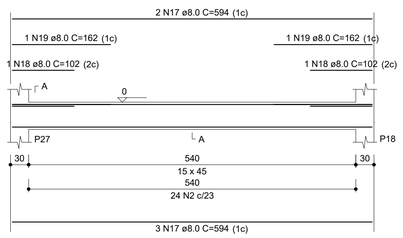
VB-13 (15 x 45)
ESCALA 1:50



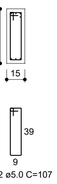
SEÇÃO A-A
ESCALA 1:25



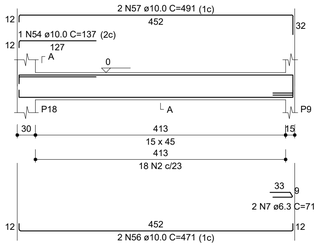
VB-14 (15 x 45)
ESCALA 1:50



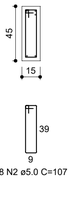
SEÇÃO A-A
ESCALA 1:25



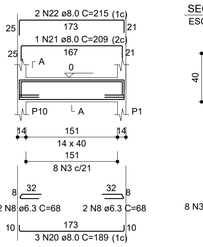
VB-15 (15 x 45)
ESCALA 1:50



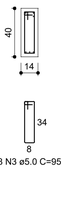
SEÇÃO A-A
ESCALA 1:25



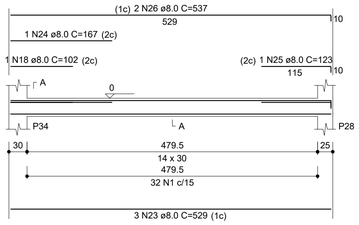
VB-16 (14 x 40)
ESCALA 1:50



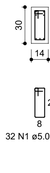
SEÇÃO A-A
ESCALA 1:25



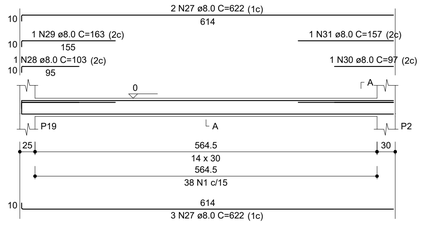
VB-17 (14 x 30)
ESCALA 1:50



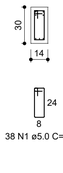
SEÇÃO A-A
ESCALA 1:25



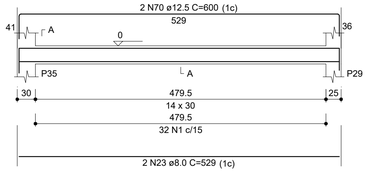
VB-18 (14 x 30)
ESCALA 1:50



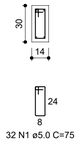
SEÇÃO A-A
ESCALA 1:25



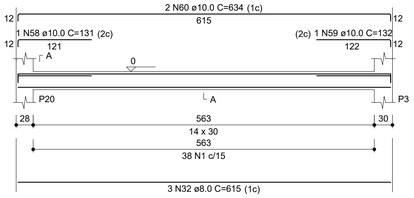
VB-19 (14 x 30)
ESCALA 1:50



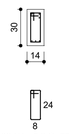
SEÇÃO A-A
ESCALA 1:25



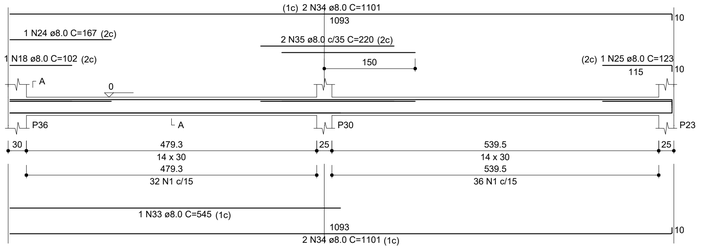
VB-20 (14 x 30)
ESCALA 1:50



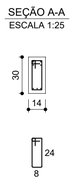
SEÇÃO A-A
ESCALA 1:25



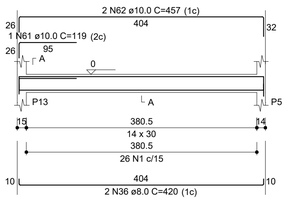
VB-21 (14 x 30)
ESCALA 1:50



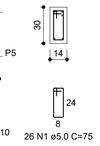
SEÇÃO A-A
ESCALA 1:25



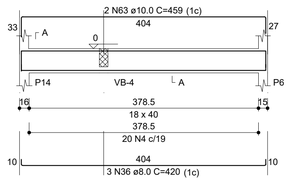
VB-22 (14 x 30)
ESCALA 1:50



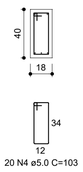
SEÇÃO A-A
ESCALA 1:25



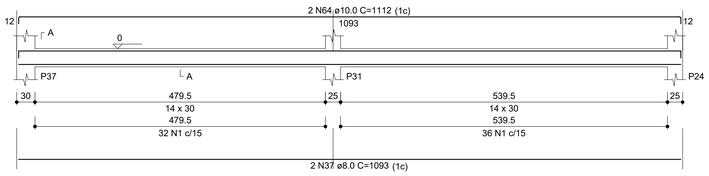
VB-23 (18 x 40)
ESCALA 1:50



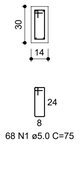
SEÇÃO A-A
ESCALA 1:25



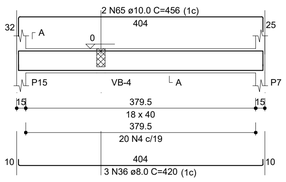
VB-24 (14 x 30)
ESCALA 1:50



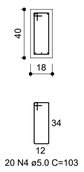
SEÇÃO A-A
ESCALA 1:25



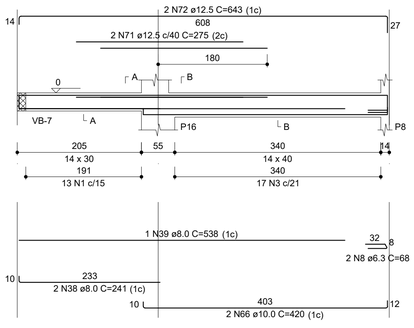
VB-25 (18 x 40)
ESCALA 1:50



SEÇÃO A-A
ESCALA 1:25

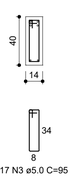


VB-26 (var)
ESCALA 1:50

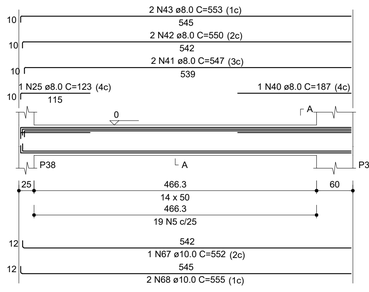


SEÇÃO A-A
ESCALA 1:25

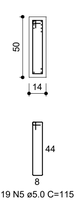
SEÇÃO B-B
ESCALA 1:25



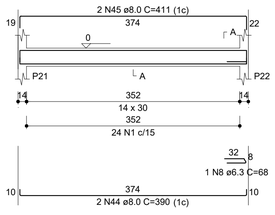
VB-27 (14 x 50)
ESCALA 1:50



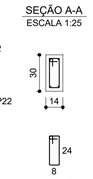
SEÇÃO A-A
ESCALA 1:25



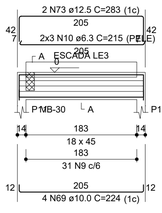
VB-28 (14 x 30)
ESCALA 1:50



SEÇÃO A-A
ESCALA 1:25



VB-29 (18 x 45)
ESCALA 1:50



SEÇÃO A-A
ESCALA 1:25

RELAÇÃO DO AÇO

VB-12	VB-13	VB-14
VB-15	VB-16	VB-17
VB-18	VB-19	VB-20
VB-21	VB-22	VB-23
VB-24	VB-25	VB-26
VB-27	VB-28	VB-29

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	434	75	32550
	2	5.0	63	107	6741
	3	5.0	25	95	2375
	4	5.0	40	103	4120
	5	5.0	19	115	2185
CA50	6	6.3	1	101	101
	7	6.3	2	71	142
	8	6.3	7	68	476
	9	6.3	31	114	3534
	10	6.3	6	215	1290
	11	8.0	2	354	708
	12	8.0	2	342	684
	13	8.0	1	321	321
	14	8.0	2	750	1500
	15	8.0	1	319	319
	16	8.0	2	755	1510
	17	8.0	5	594	2970
	18	8.0	4	102	408
	19	8.0	2	162	324
	20	8.0	3	189	567
	21	8.0	1	209	209
	22	8.0	2	215	430
	23	8.0	5	529	2645
	24	8.0	2	167	334
	25	8.0	3	123	369
	26	8.0	2	537	1074
	27	8.0	5	622	3110
	28	8.0	1	103	103
	29	8.0	1	163	163
	30	8.0	1	97	97
	31	8.0	1	157	157
	32	8.0	3	615	1845
	33	8.0	1	545	545
	34	8.0	4	1101	4404
	35	8.0	2	220	440
	36	8.0	8	420	3360
	37	8.0	2	1093	2186
	38	8.0	2	241	482
	39	8.0	1	538	538
	40	8.0	1	187	187
	41	8.0	2	547	1094
	42	8.0	2	550	1100
	43	8.0	2	553	1106
	44	8.0	2	390	780
	45	8.0	2	411	822
	46	10.0	2	172	344
	47	10.0	2	237	474
	48	10.0	2	260	520
	49	10.0	2	430	860
	50	10.0	2	185	370
	51	10.0	2	250	500
	52	10.0	2	550	1100
	53	10.0	1	130	130
	54	10.0	2	137	274
	55	10.0	2	550	1100
	56	10.0	2	471	942
	57	10.0	2	491	982
	58	10.0	1	131	131
	59	10.0	1	132	132
	60	10.0	2	634	1268
	61	10.0	1	119	119
	62	10.0	2	457	914
	63	10.0	2	459	918
	64	10.0	2	1112	2224
	65	10.0	2	456	912
	66	10.0	2	420	840
	67	10.0	1	552	552
	68	10.0	2	555	1110
	69	10.0	4	224	896
	70	12.5	2	600	1200
	71	12.5	2	275	550
	72	12.5	2	643	1286
	73	12.5	2	283	566

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	55.4	6	14.9
	8.0	368.9	34	160.1
	10.0	176.1	17	119.4
	12.5	36	4	38.2
CA60	5.0	479.7	44	81.3

PESO TOTAL (kg)	
CA50	332.7
CA60	81.3

Volume de concreto (C-30) = 4.97 m³
Área de forma = 81.86 m²

N°	DISCRIMINAÇÃO DAS REVISÕES	DATA	APROVAÇÃO
<>	<>	<>	<>

Obra

Projeto

Yago Castelo Branco de Carvalho
1916859836

Proprietário

Projeto: Projeto Estrtural

Descriminação: Planta de armação pilares lance 01

Folha: 02

Conj.: 26 | Flo./Conj.: 4

Data	Escala	Desenho	Conferência
09/12/2021	Indicada	Yago Castelo	Yago Castelo