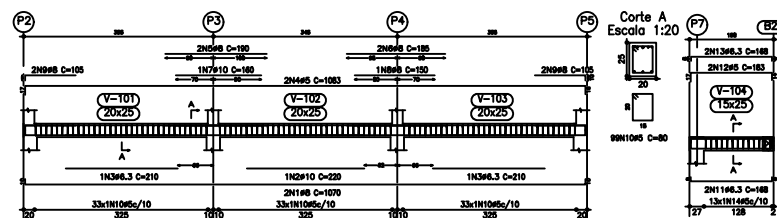
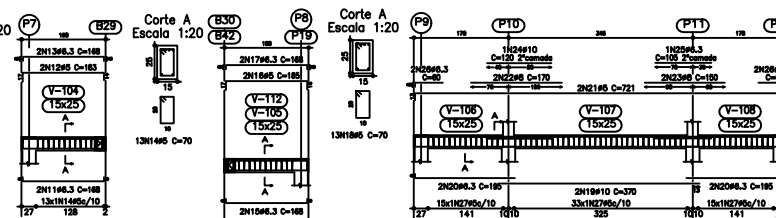


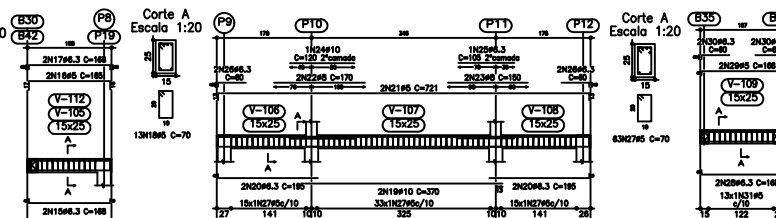
V 101
Escala 1:50



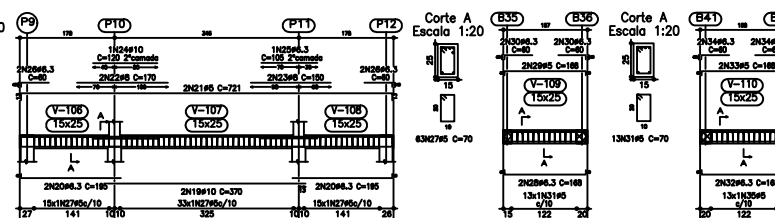
V 102
Escala 1:50



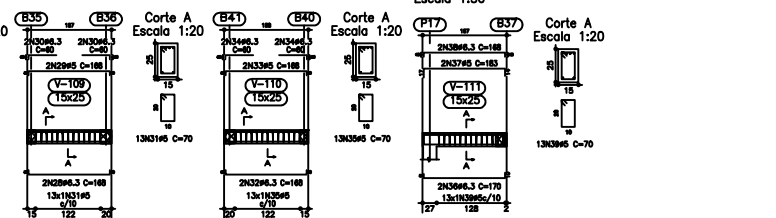
V 103
Escala 1:50



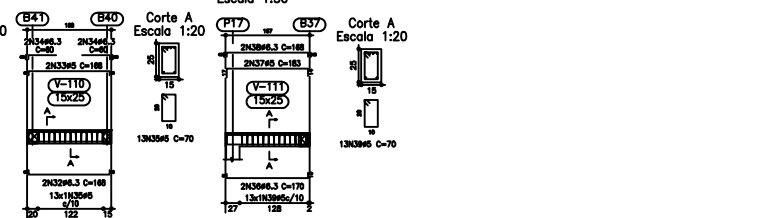
V 104
Escala 1:50



V 105
Escala 1:50



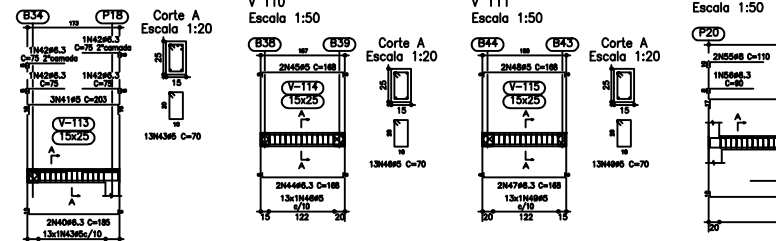
V 106
Escala 1:50



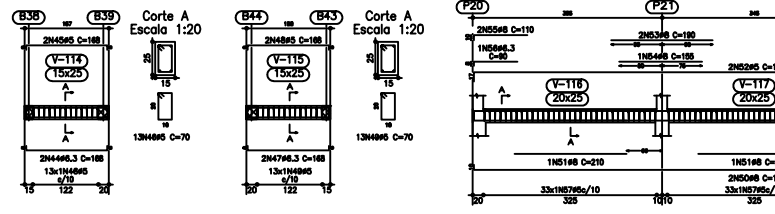
V 107
Escala 1:50



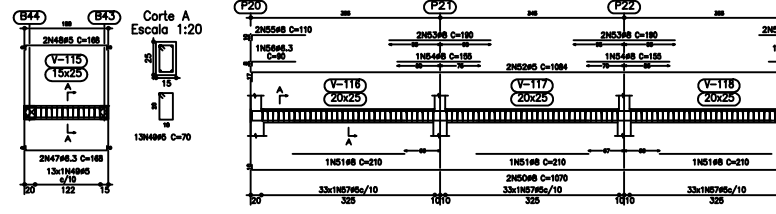
V 109
Escala 1:50



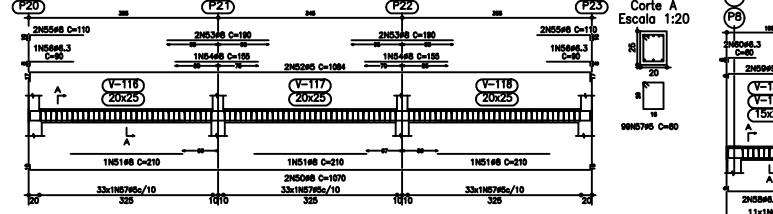
V 110
Escala 1:50



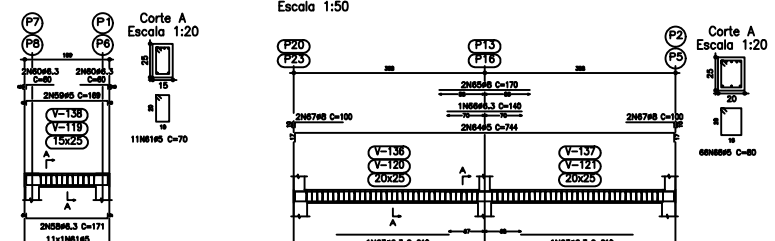
V 111
Escala 1:50



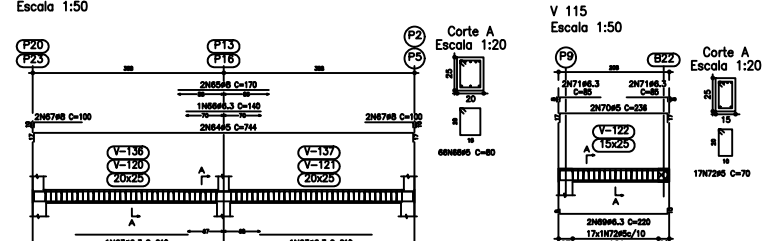
V 112
Escala 1:50



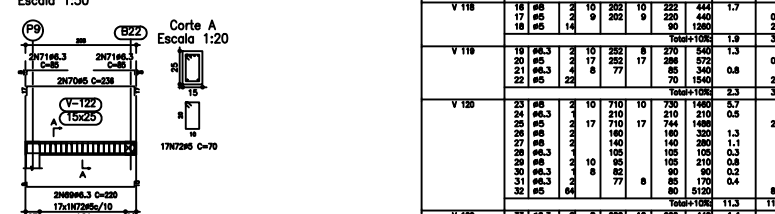
V 113
Escala 1:50



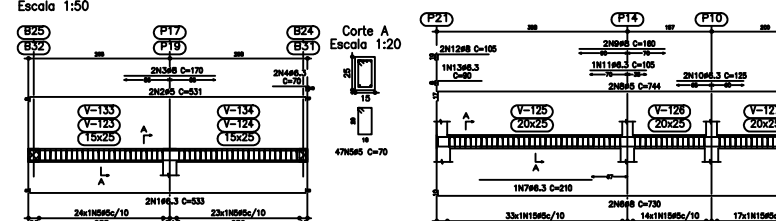
V 114
Escala 1:50



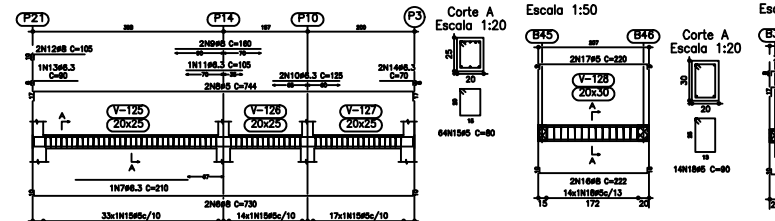
V 115
Escala 1:50



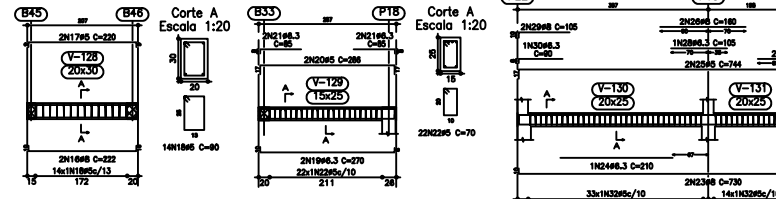
V 116
Escala 1:50



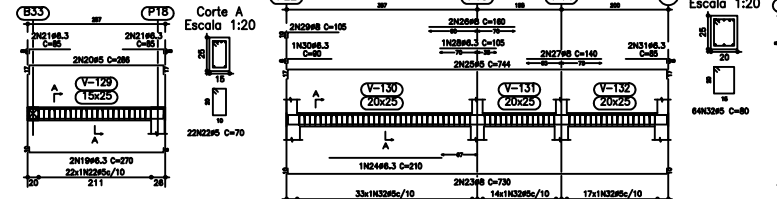
V 117
Escala 1:50



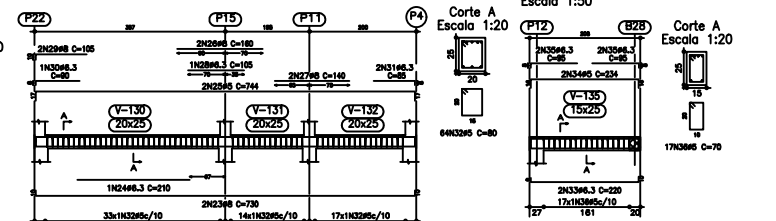
V 118
Escala 1:50



V 119
Escala 1:50



V 120
Escala 1:50



V 122
Escala 1:50



Resumo Apo BALDRAME Vigas	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A #6.3	154.6	42	
#8	181.6	78	
#10	12.4	9	129
CA-60-B #5	824.5	142	142
Total			271

Resumo Apo BALDRAME Vigas	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A #6.3	154.6	42	
#8	181.6	78	
#10	12.4	9	129
CA-60-B #5	824.5	142	142
Total			271

Elemento	Pos.	Diam.	Q.	Dob.	Ret.	Dob.	Comp.	Tota	CA-50	CA-60-B
V 101	1	#6.3	2	10	1000	10	1070	2140	8.4	
	2	#10	2	10	1000	10	1070	2140	1.4	
	3	#6.3	2	10	1000	10	1070	2140	1.0	
	4	#6.3	2	10	1000	10	1070	2140	1.0	
	5	#6.3	2	10	1000	10	1070	2140	1.0	
	6	#6.3	2	10	1000	10	1070	2140	1.0	
	7	#10	2	10	1000	10	1070	2140	1.0	
	8	#6.3	2	10	1000	10	1070	2140	1.0	
	9	#6.3	2	10	1000	10	1070	2140	1.0	
	10	#6.3	2	10	1000	10	1070	2140	1.0	
									18.7	17.4
V 102	11	#6.3	2	10	1000	10	1070	2140	0.8	
	12	#6.3	2	10	1000	10	1070	2140	0.8	
	13	#6.3	2	10	1000	10	1070	2140	0.8	
	14	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 105-108	15	#6.3	2	10	1000	10	1070	2140	0.8	
	16	#6.3	2	10	1000	10	1070	2140	0.8	
	17	#6.3	2	10	1000	10	1070	2140	0.8	
	18	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 104	19	#10	2	10	1000	10	1070	2140	4.8	
	20	#6.3	2	10	1000	10	1070	2140	1.0	
	21	#6.3	2	10	1000	10	1070	2140	1.0	
	22	#6.3	2	10	1000	10	1070	2140	1.0	
	23	#6.3	2	10	1000	10	1070	2140	1.0	
	24	#10	2	10	1000	10	1070	2140	1.0	
	25	#6.3	2	10	1000	10	1070	2140	1.0	
	26	#6.3	2	10	1000	10	1070	2140	1.0	
	27	#6.3	2	10	1000	10	1070	2140	1.0	
	28	#6.3	2	10	1000	10	1070	2140	1.0	
									11.8	10.1
V 105	29	#6.3	2	10	1000	10	1070	2140	0.8	
	30	#6.3	2	10	1000	10	1070	2140	0.8	
	31	#6.3	2	10	1000	10	1070	2140	0.8	
	32	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 106	33	#6.3	2	10	1000	10	1070	2140	0.8	
	34	#6.3	2	10	1000	10	1070	2140	0.8	
	35	#6.3	2	10	1000	10	1070	2140	0.8	
	36	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 107	37	#6.3	2	10	1000	10	1070	2140	0.8	
	38	#6.3	2	10	1000	10	1070	2140	0.8	
	39	#6.3	2	10	1000	10	1070	2140	0.8	
	40	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 108	41	#6.3	2	10	1000	10	1070	2140	0.8	
	42	#6.3	2	10	1000	10	1070	2140	0.8	
	43	#6.3	2	10	1000	10	1070	2140	0.8	
	44	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 110	45	#6.3	2	10	1000	10	1070	2140	0.8	
	46	#6.3	2	10	1000	10	1070	2140	0.8	
	47	#6.3	2	10	1000	10	1070	2140	0.8	
	48	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 111	49	#6.3	2	10	1000	10	1070	2140	0.8	
	50	#6.3	2	10	1000	10	1070	2140	0.8	
	51	#6.3	2	10	1000	10	1070	2140	0.8	
	52	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 112	53	#6.3	2	10	1000	10	1070	2140	0.8	
	54	#6.3	2	10	1000	10	1070	2140	0.8	
	55	#6.3	2	10	1000	10	1070	2140	0.8	
	56	#6.3	2	10	1000	10	1070	2140	0.8	
	57	#6.3	2	10	1000	10	1070	2140	0.8	
	58	#6.3	2	10	1000	10	1070	2140	0.8	
	59	#6.3	2	10	1000	10	1070	2140	0.8	
	60	#6.3	2	10	1000	10	1070	2140	0.8	
	61	#6.3	2	10	1000	10	1070	2140	0.8	
	62	#6.3	2	10	1000	10	1070	2140	0.8	
									18.7	17.4
V 113-124	63	#6.3	2	10	1000	10	1070	2140	0.8	
	64	#6.3	2	10	1000	10	1070	2140	0.8	
	65	#6.3	2	10	1000	10	1070	2140	0.8	
	66	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 114-125	67	#6.3	2	10	1000	10	1070	2140	0.8	
	68	#6.3	2	10	1000	10	1070	2140	0.8	
	69	#6.3	2	10	1000	10	1070	2140	0.8	
	70	#6.3	2	10	1000	10	1070	2140	0.8	
	71	#6.3	2	10	1000	10	1070	2140	0.8	
	72	#6.3	2	10	1000	10	1070	2140	0.8	
	73	#6.3	2	10	1000	10	1070	2140	0.8	
	74	#6.3	2	10	1000	10	1070	2140	0.8	
	75	#6.3	2	10	1000	10	1070	2140	0.8	
	76	#6.3	2	10	1000	10	1070	2140	0.8	
									11.8	10.1
V 115	77	#6.3	2	10	1000	10	1070	2140	0.8	
	78	#6.3	2	10	1000	10	1070	2140	0.8	
	79	#6.3	2	10	1000	10	1070	2140	0.8	
	80	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 116-121	81	#6.3	2	10	1000	10	1070	2140	0.8	
	82	#6.3	2	10	1000	10	1070	2140	0.8	
	83	#6.3	2	10	1000	10	1070	2140	0.8	
	84	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 117	85	#6.3	2	10	1000	10	1070	2140	0.8	
	86	#6.3	2	10	1000	10	1070	2140	0.8	
	87	#6.3	2	10	1000	10	1070	2140	0.8	
	88	#6.3	2	10	1000	10	1070	2140	0.8	
	89	#6.3	2	10	1000	10	1070	2140	0.8	
	90	#6.3	2	10	1000	10	1070	2140	0.8	
	91	#6.3	2	10	1000	10	1070	2140	0.8	
	92	#6.3	2	10	1000	10	1070	2140	0.8	
	93	#6.3	2	10	1000	10	1070	2140	0.8	
	94	#6.3	2	10	1000	10	1070	2140	0.8	
									11.8	10.1
V 118	95	#6.3	2	10	1000	10	1070	2140	0.8	
	96	#6.3	2	10	1000	10	1070	2140	0.8	
	97	#6.3	2	10	1000	10	1070	2140	0.8	
	98	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 119	99	#6.3	2	10	1000	10	1070	2140	0.8	
	100	#6.3	2	10	1000	10	1070	2140	0.8	
	101	#6.3	2	10	1000	10	1070	2140	0.8	
	102	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
V 120	103	#6.3	2	10	1000	10	1070	2140	0.8	
	104	#6.3	2	10	1000	10	1070	2140	0.8	
	105	#6.3	2	10	1000	10	1070	2140	0.8	
	106	#6.3	2	10	1000	10	1070	2140	0.8	
	107	#6.3	2	10	1000	10	1070	2140	0.8	
	108	#6.3	2	10	1000	10	1070	2140	0.8	
	109	#6.3	2	10	1000	10	1070	2140	0.8	
	110	#6.3	2	10	1000	10	1070	2140	0.8	
	111	#6.3	2	10	1000	10	1070	2140	0.8	
	112	#6.3	2	10	1000	10	1070	2140	0.8	
									11.8	10.1
V 122	113	#6.3	2	10	1000	10	1070	2140	0.8	
	114	#6.3	2	10	1000	10	1070	2140	0.8	
	115	#6.3	2	10	1000	10	1070	2140	0.8	
	116	#6.3	2	10	1000	10	1070	2140	0.8	
									3.2	3.2
									62	0.02
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