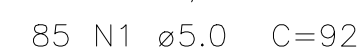
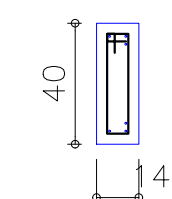
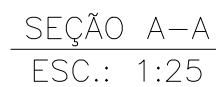
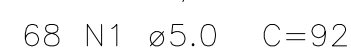
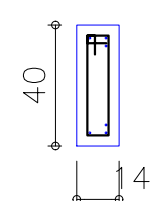
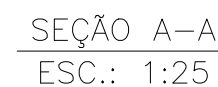


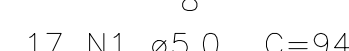
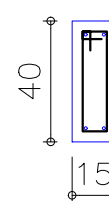
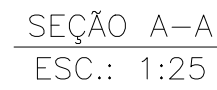
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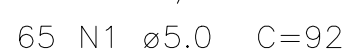
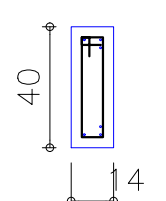
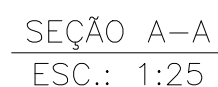
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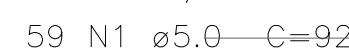
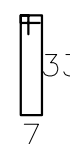
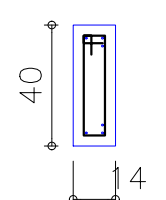
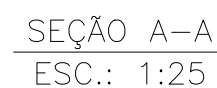
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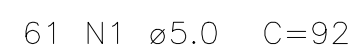
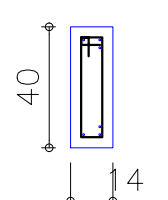
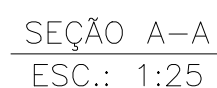
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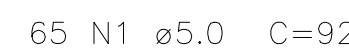
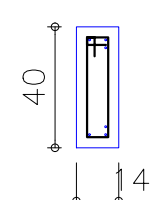
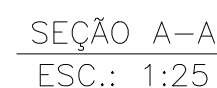
ESC.: 1:50



ESC.: 1:50



ESC.: 1:50



Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VB101	CA60	1	5,0	85	92	7820
	CA50	2	6,3	1	847	847
	CA50	3	6,3	1	960	960
	CA50	4	6,3	4	1176	4704
	CA50	5	6,3	4	701	2804
	CA50	6	6,3	2	110	220
	CA50	7	6,3	1	163	163
	CA50	8	6,3	1	168	168
	CA50	9	6,3	1	188	188
VB102	CA60	1	5,0	68	92	6256
	CA50	2	6,3	1	411	411
	CA50	3	6,3	1	380	380
	CA50	4	6,3	1	396	396
	CA50	5	6,3	2	1199	2398
	CA50	6	6,3	2	203	406
	CA50	7	6,3	1	84	84
	CA50	8	6,3	2	153	306
	CA50	9	6,3	1	97	97
VB103	CA50	10	6,3	2	1199	2398
	CA50	11	6,3	2	205	410
	CA60	1	5,0	17	94	1598
	CA50	2	8,0	1	88	88
	CA50	3	10,0	2	332	664
VB104	CA50	4	10,0	2	344	688
	CA60	1	5,0	65	92	5980
VB105	CA50	2	6,3	1	379	379
	CA50	3	6,3	1	398	398
	CA50	4	6,3	1	513	513
	CA50	5	6,3	4	1176	4704
	CA50	6	6,3	4	240	960
	CA50	7	6,3	1	105	105
	CA50	8	6,3	1	133	133
	CA50	9	6,3	1	153	153
	CA50	10	6,3	1	97	97
VB106	CA60	1	5,0	59	92	5428
	CA50	2	6,3	1	261	261
	CA50	3	6,3	1	338	338
	CA50	4	6,3	1	97	97
	CA50	5	6,3	1	285	285
	CA50	6	6,3	4	1138	4552
	CA50	7	6,3	4	160	640
	CA50	8	6,3	1	325	325
	CA50	9	6,3	1	577	577
VB107	CA60	1	5,0	61	92	5612
	CA50	2	6,3	1	237	237
	CA50	3	6,3	1	328	328
	CA50	4	6,3	1	97	97
	CA50	5	6,3	1	285	285
	CA50	6	6,3	4	1114	4456
	CA50	7	6,3	4	160	640
	CA50	8	6,3	1	301	301
	CA50	9	6,3	1	577	577
VB108	CA60	1	5,0	65	92	5980
	CA50	2	6,3	1	299	299
	CA50	3	6,3	1	333	333
	CA50	4	6,3	1	97	97
	CA50	5	6,3	1	285	285
	CA50	6	6,3	4	1176	4704
	CA50	7	6,3	4	160	640
	CA50	8	6,3	1	363	363
	CA50	9	6,3	1	577	577

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	460.8	112.7
	8.0	0.9	0.3
	10.0	13.6	8.3
CA60	5.0	386.8	59.6
PESO TOTAL (kg)			
CA50	121.4		
CA60	59.6		

Volume de concreto (C-30) = 4.89 m³
Área de forma = 81.86 m²