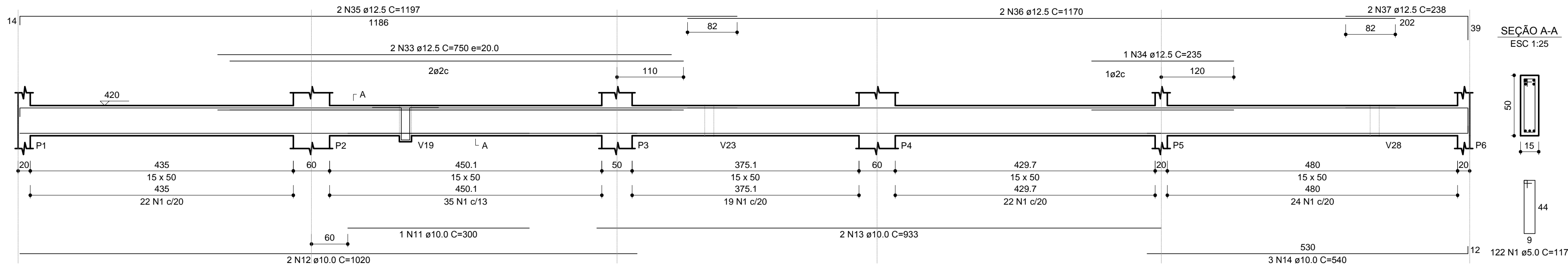


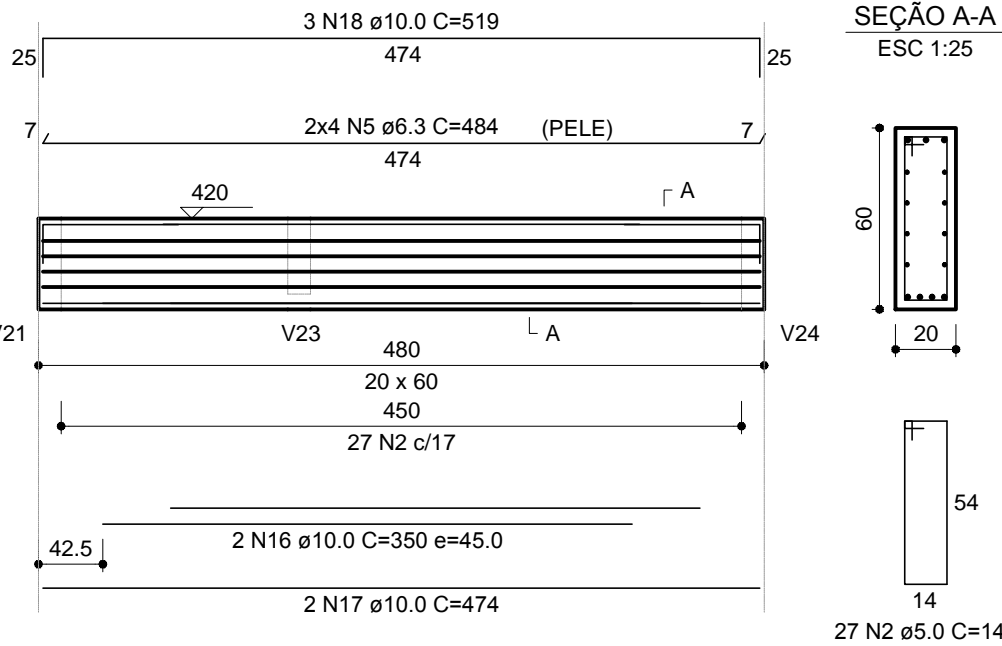
VIGAS SUPERIOR 01 - 01/03 (Nv. Ref. + 4.20)

ESCALA 1:50

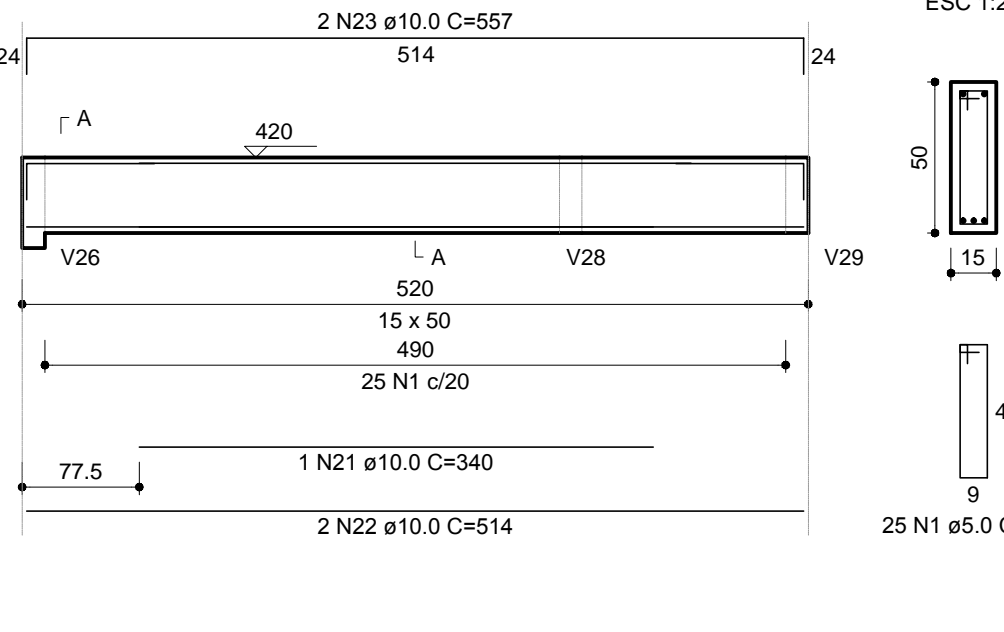
V1
ESC 1:50



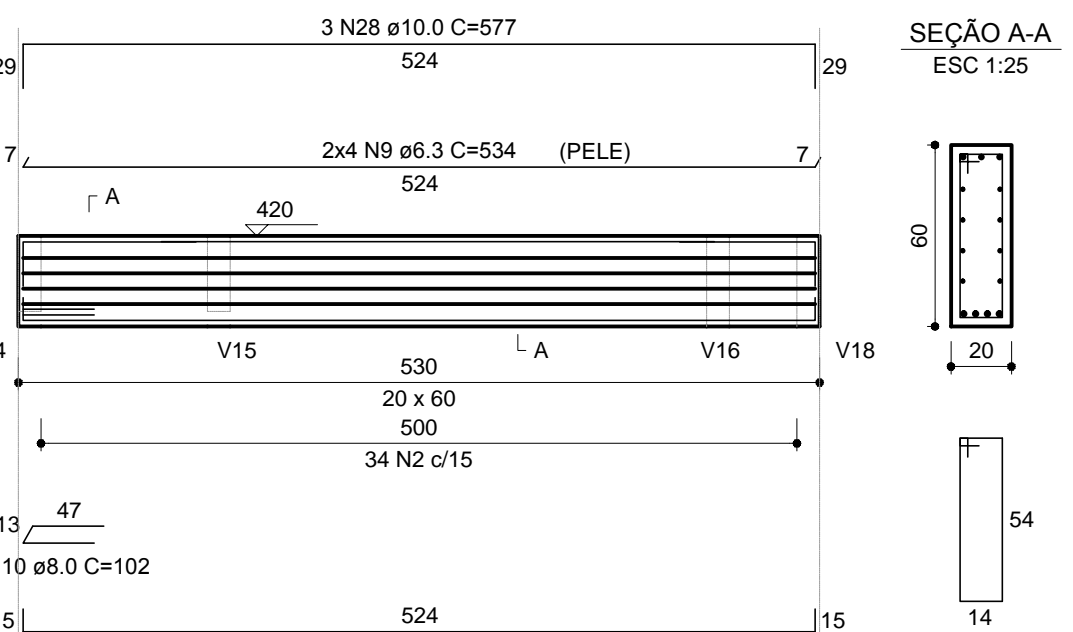
V2
ESC 1:50



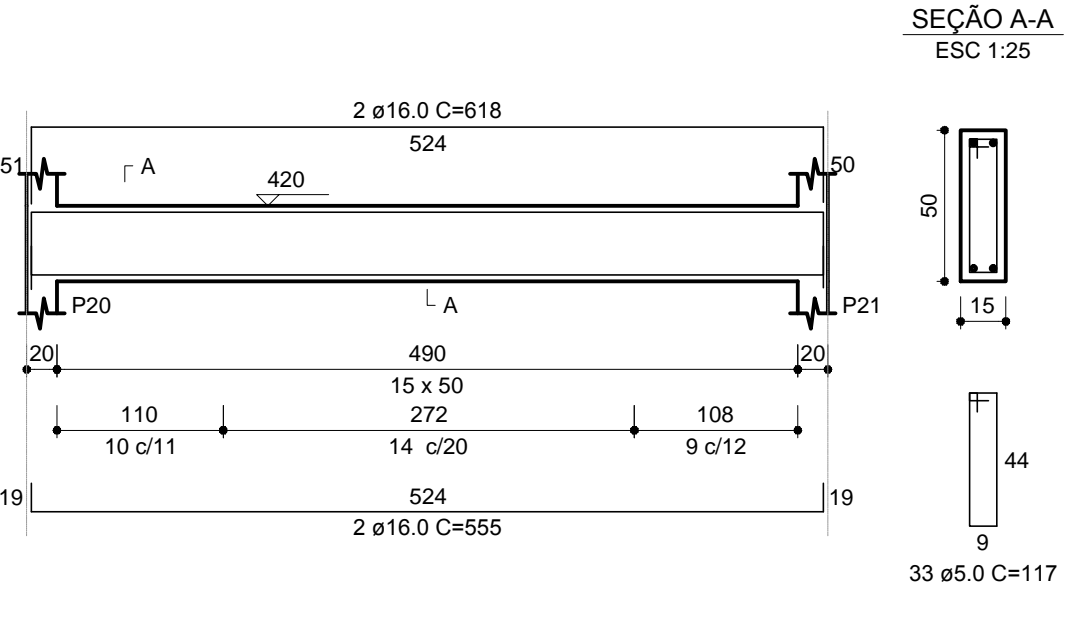
V4
ESC 1:50



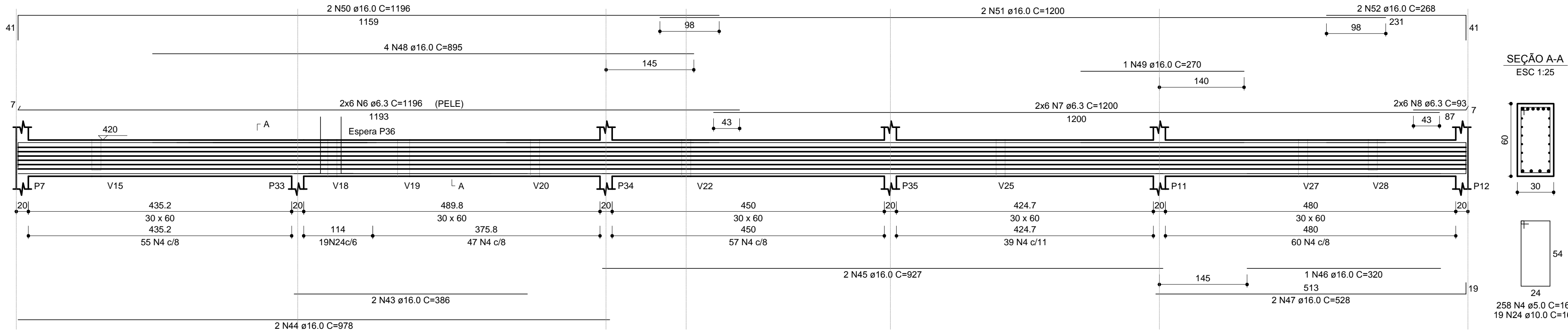
V7
ESC 1:50



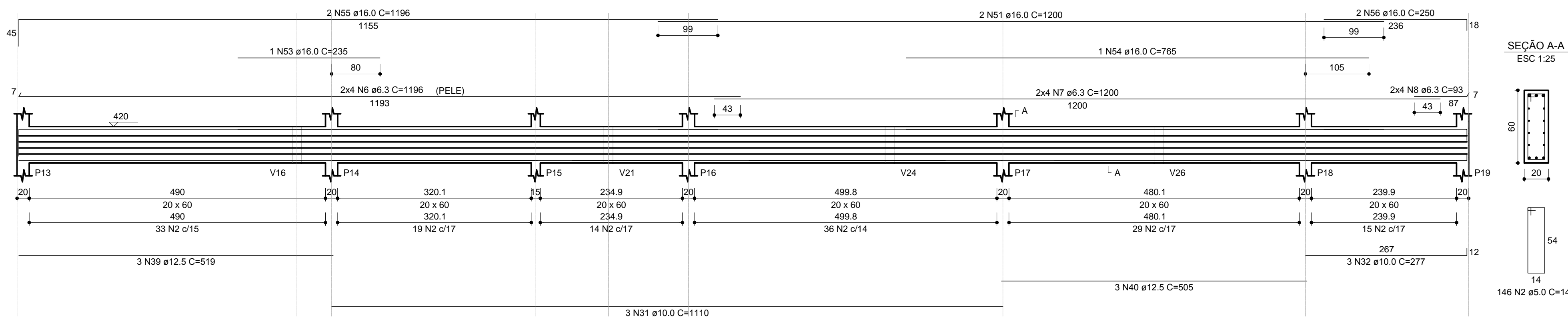
V10
ESC 1:50



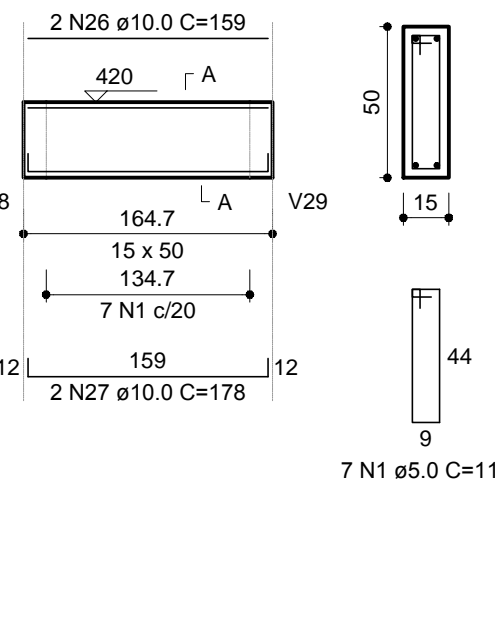
V5
ESC 1:50



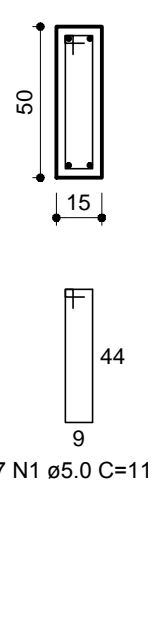
V9
ESC 1:50



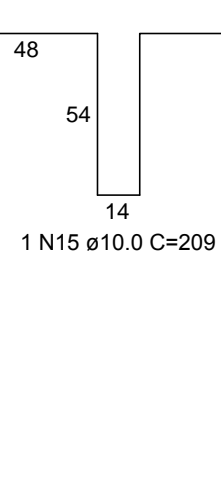
V6
ESC 1:50



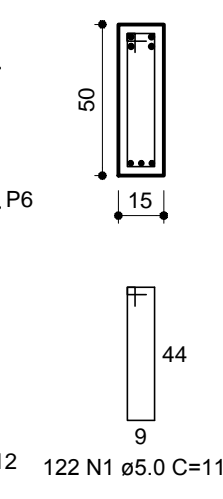
SEÇÃO A-A
ESC 1:25



SUSPENSÃO V19
ESC 1:25



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

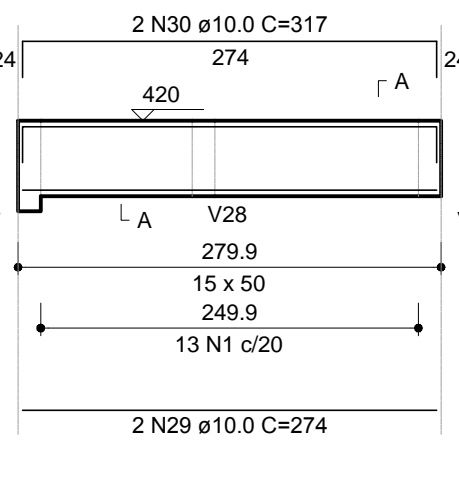
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	224	117	26208
	2	5.0	207	147	30429
	3	5.0	8	58	464
CA50	4	5.0	258	167	43086
	5	6.3	8	484	3872
	6	6.3	20	1196	23920
	7	6.3	20	1200	24000
	8	6.3	20	93	1860
	9	6.3	8	534	4272
	10	8.0	3	102	306
	11	10.0	1	300	300
	12	10.0	2	1020	2040
	13	10.0	2	953	1906
	14	10.0	3	540	1620
	15	10.0	1	209	209
	16	10.0	2	350	700
	17	10.0	2	474	948
	18	10.0	3	519	1557
	19	10.0	2	159	398
	20	10.0	2	255	510
	21	10.0	1	340	340
	22	10.0	2	514	1028
	23	10.0	2	557	1114
	24	10.0	19	169	3211
	25	10.0	6	111	666
	26	10.0	2	159	318
	27	10.0	2	178	356
	28	10.0	3	577	1731
	29	10.0	2	274	548
	30	10.0	2	317	634
	31	10.0	3	1110	3330
	32	10.0	3	277	831
	33	12.5	2	750	1500
	34	12.5	1	235	235
	35	12.5	2	1197	2394
	36	12.5	2	1170	2340
	37	12.5	2	238	476
	38	12.5	4	548	2192
	39	12.5	3	519	1557
	40	12.5	3	505	1515
	41	12.5	1	531	531
	42	12.5	2	884	1768
	43	16.0	2	386	772
	44	16.0	2	978	1956
	45	16.0	2	927	1854
	46	16.0	1	320	320
	47	16.0	2	528	1056
	48	16.0	4	895	3580
	49	16.0	1	270	270
	50	16.0	2	1196	2392
	51	16.0	4	1200	4800
	52	16.0	2	286	536
	53	16.0	1	235	235
	54	16.0	1	765	765
	55	16.0	2	1196	2392
	56	16.0	2	250	500
	57	16.0	1	300	300
	58	16.0	2	912	1824

RESUMO DO AÇO

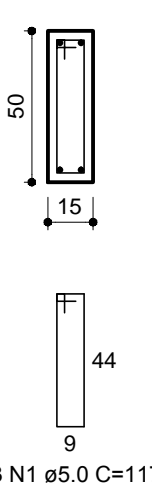
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	579.2	155.9
	8.0	3.1	1.3
	10.0	242.6	164.5
	12.5	145.1	153.7
	16.0	235.5	408.9
	5.0	1001.9	169.9
CA60			
PESO TOTAL (kg)			
CA50		884.4	
CA60		169.9	

Volume de concreto (C-30) = 11.73 m³
Área de forma = 134.62 m²

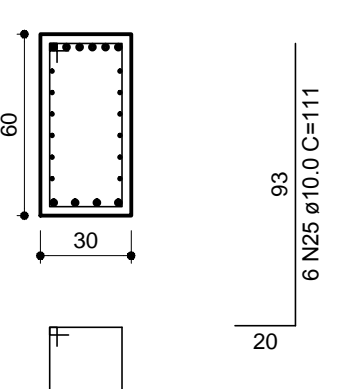
V8
ESC 1:50



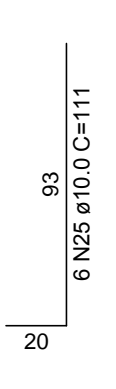
SEÇÃO A-A
ESC 1:25



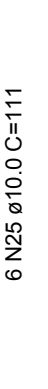
SEÇÃO A-A
ESC 1:25



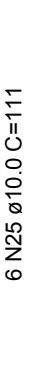
ESPERA P36
ESC 1:25



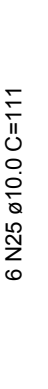
SEÇÃO A-A
ESC 1:25



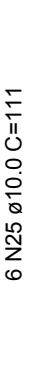
SEÇÃO A-A
ESC 1:25



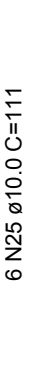
SEÇÃO A-A
ESC 1:25



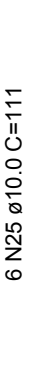
SEÇÃO A-A
ESC 1:25



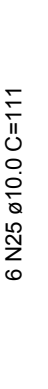
SEÇÃO A-A
ESC 1:25



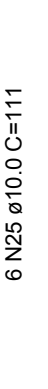
SEÇÃO A-A
ESC 1:25



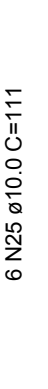
SEÇÃO A-A
ESC 1:25



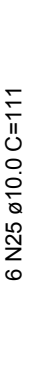
SEÇÃO A-A
ESC 1:25



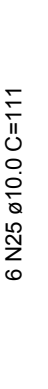
SEÇÃO A-A
ESC 1:25



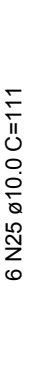
SEÇÃO A-A
ESC 1:25



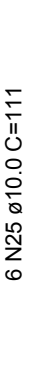
SEÇÃO A-A
ESC 1:25



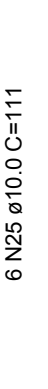
SEÇÃO A-A
ESC 1:25



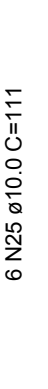
SEÇÃO A-A
ESC 1:25



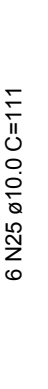
SEÇÃO A-A
ESC 1:25



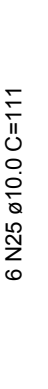
SEÇÃO A-A
ESC 1:25



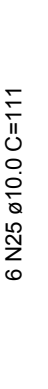
SEÇÃO A-A
ESC 1:25



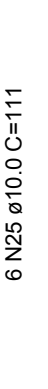
SEÇÃO A-A
ESC 1:25



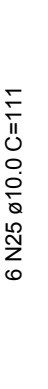
SEÇÃO A-A
ESC 1:25



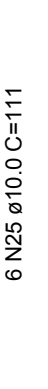
SEÇÃO A-A
ESC 1:25



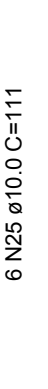
SEÇÃO A-A
ESC 1:25



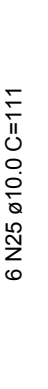
SEÇÃO A-A
ESC 1:25



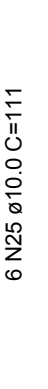
SEÇÃO A-A
ESC 1:25



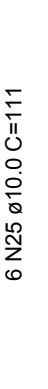
SEÇÃO A-A
ESC 1:25



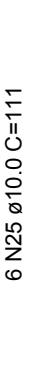
SEÇÃO A-A
ESC 1:25



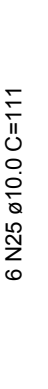
SEÇÃO A-A
ESC 1:25



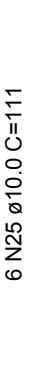
SEÇÃO A-A
ESC 1:25



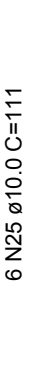
SEÇÃO A-A
ESC 1:25



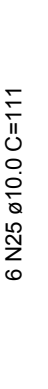
SEÇÃO A-A
ESC 1:25



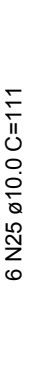
SEÇÃO A-A
ESC 1:25



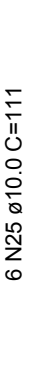
SEÇÃO A-A
ESC 1:25



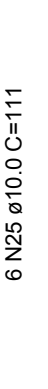
SEÇÃO A-A
ESC 1:25



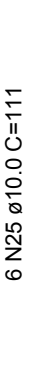
SEÇÃO A-A
ESC 1:25



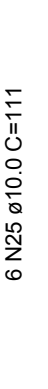
SEÇÃO A-A
ESC 1:25



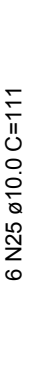
SEÇÃO A-A
ESC 1:25



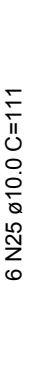
SEÇÃO A-A
ESC 1:25



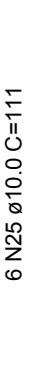
SEÇÃO A-A
ESC 1:25



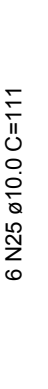
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ESC 1:25



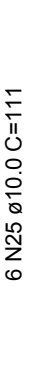
SEÇÃO A-A
ESC 1:25



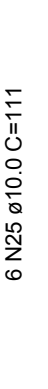
SEÇÃO A-A
ESC 1:25



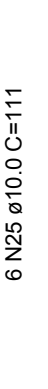
SEÇÃO A-A
ESC 1:25



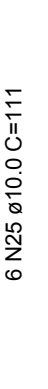
SEÇÃO A-A
ESC 1:25



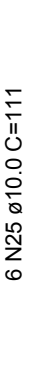
SEÇÃO A-A
ESC 1:25



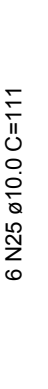
SEÇÃO A-A
ESC 1:25



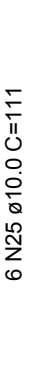
SEÇÃO A-A
ESC 1:25



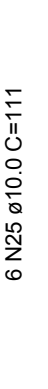
SEÇÃO A-A
ESC 1:25



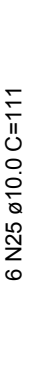
SEÇÃO A-A
ESC 1:25



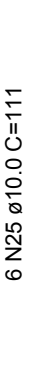
SEÇÃO A-A
ESC 1:25



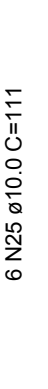
SEÇÃO A-A
ESC 1:25



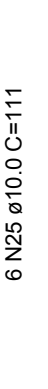
SEÇÃO A-A
ESC 1:25



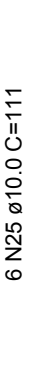
SEÇÃO A-A
ESC 1:25



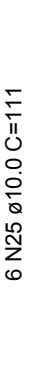
SEÇÃO A-A
ESC 1:25



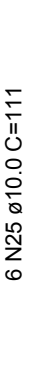
SEÇÃO A-A
ESC 1:25



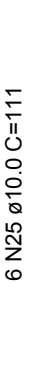
SEÇÃO A-A
ESC 1:25



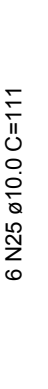
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ESC 1:25



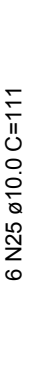
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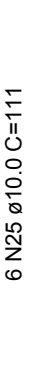
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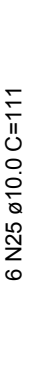
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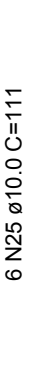
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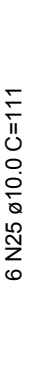
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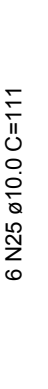
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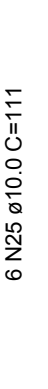
SEÇÃO A-A
ESC 1:25



SEÇÃO A-A
ESC 1:25



SEÇÃO A-A
ESC 1:25



SEÇÃO A-A
ESC 1:25

