

RELAÇÃO DO AÇO

V1, V2, V3, V4, V5, V6, V7, V8, V9, V10, V11, V12, V13,

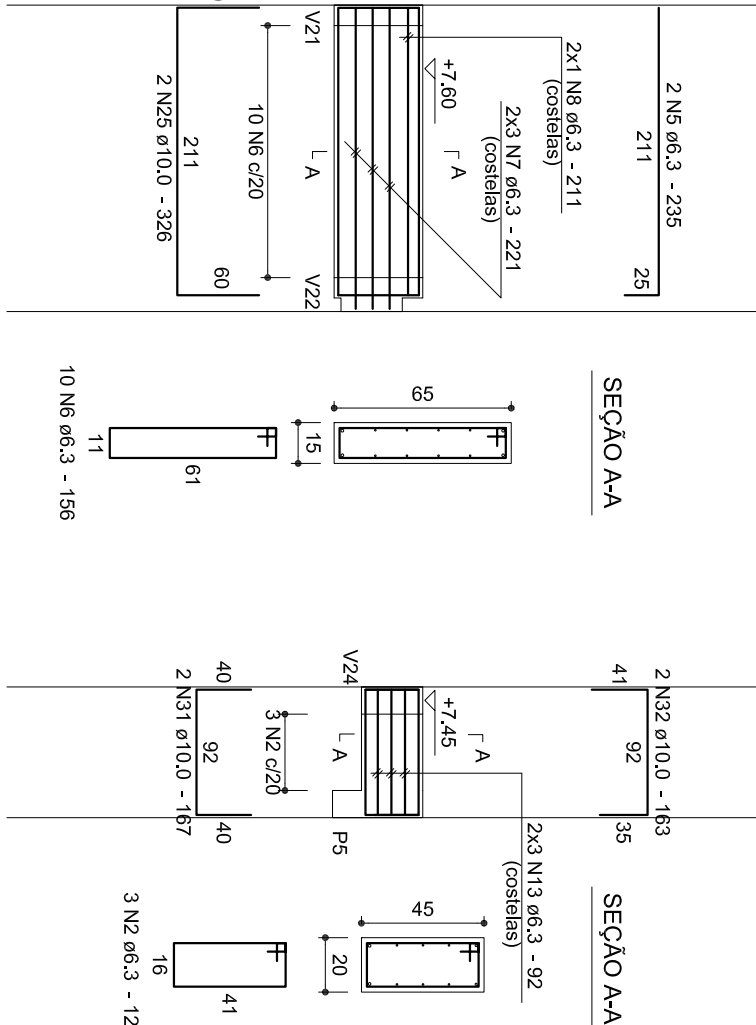
V14, V15, V16, V17, V18, V19, V20, V21, V25,

ACO	N	DIAM	Q	UNIT	C.TOTAL
CA50	1	6,3	20	197	3940
	2	6,3	344	126	43344
	4	6,3	32	173	4102
	5	6,3	4	235	940
	6	6,3	78	156	12168
	8	6,3	21	844	17196
	9	6,3	4	416	1664
	10	6,3	43	116	4988
	11	6,3	330	130	43380
	13	6,3	26	118	3080
	14	6,3	32	110	3520
	16	6,3	16	63	956
	17	6,3	118	65	1888
	18	6,3	13	146	1888
	19	8,0	8	325	2600
	20	8,0	8	325	2600
	22	8,0	4	386	1544
	23	8,0	128	168	21504
	24	10,0	4	317	1268
	25	10,0	4	317	1268
	27	10,0	4	491	1964
	28	10,0	2	416	832
	30	10,0	2	277	542
	32	10,0	4	167	688
	33	10,0	4	163	652
	34	10,0	8	439	3440
	35	10,0	4	675	2700
	36	10,0	2	325	650
	37	12,5	4	550	2200
	38	12,5	8	571	4688
	40	12,5	8	415	3320
	41	12,5	2	731	1462
	42	12,5	2	235	470
	43	12,5	6	640	3240
	44	12,5	2	635	1670
	47	12,5	2	290	520
	48	12,5	3	354	1092
	49	16,0	4	740	2960
	51	16,0	4	880	3200
	52	16,0	4	286	1144
	53	16,0	4	765	3060
	54	16,0	4	530	2120
	55	16,0	4	1200	4800
	57	16,0	4	1180	4720
	58	16,0	4	640	2560
	60	16,0	2	320	640
	61	16,0	4	774	3096
	62	16,0	1	325	325
	64	16,0	1	359	358
	65	16,0	2	500	1000
	66	16,0	2	1135	2270
	68	20,0	2	2402	3880
	69	20,0	2	2402	3880
	70	25,0	6	530	3180
	72	25,0	4	1002	4008
	74	25,0	3	780	2370
	75	25,0	2	710	1420
	76	25,0	2	990	1980

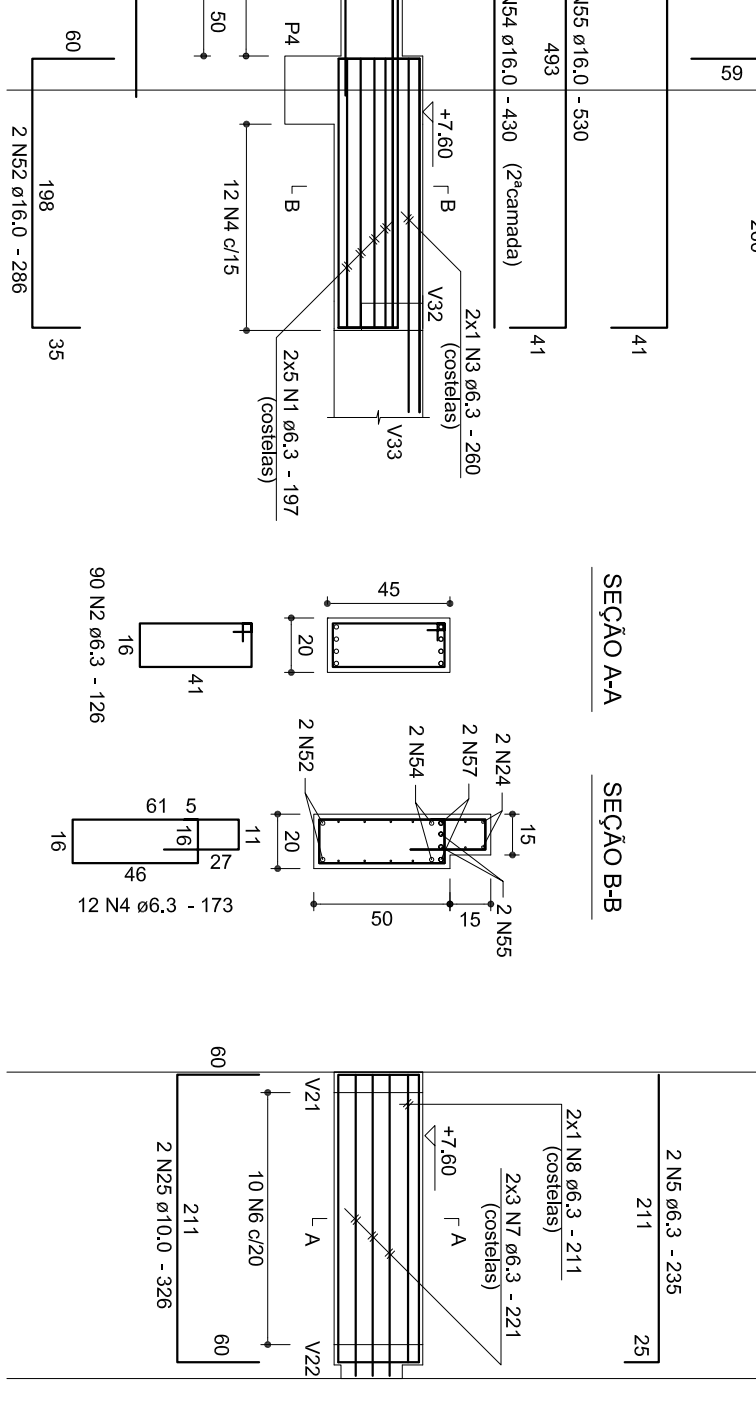
RESUMO DOS MATERIAIS

ACO	DIAM	C.TOTAL	PESO
CA50	6,3	147,3	381,9
	10,0	194,4	119,8
	12,5	250,5	279,8
	16,0	397,6	611,8
	20,0	419,5	651,8
	25,0	208,9	804,8
PESO TOTAL			Vol. de concreto = 19,83 m³
CA50	2400,2		Área de forma = 168,35 m²

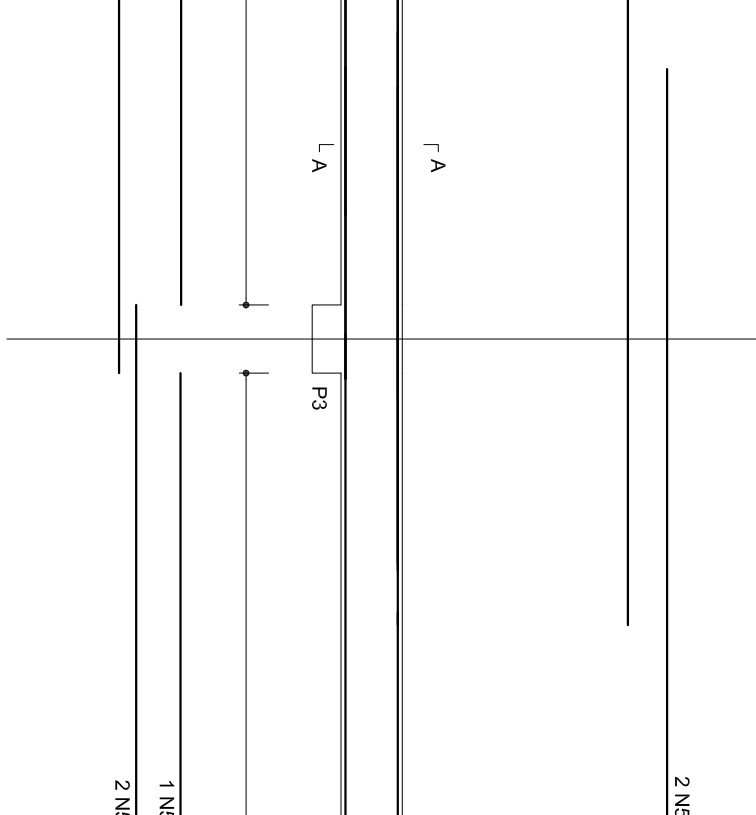
V8=V13 (2x)



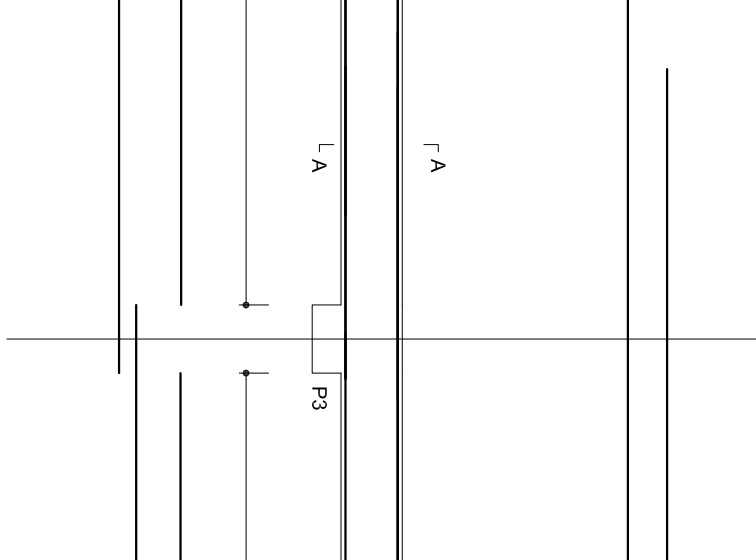
V2=V19 (2x)



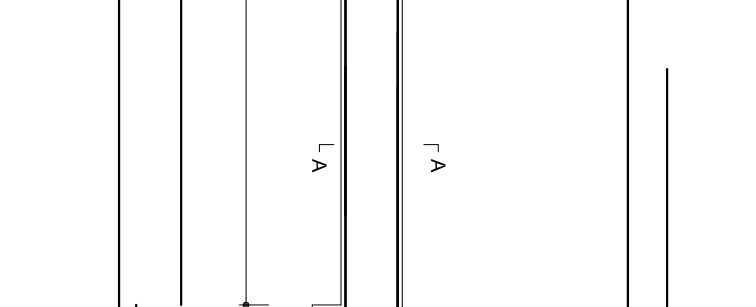
V6=V15 (2x)



V3=V18 (2x)



V4=V17 (2x)



V9=V14 (2x)



V1=V20 (2x)

V5=V16 (2x)

V10

V12

V7

V11

V25

V21

V20

V19

V18

V17

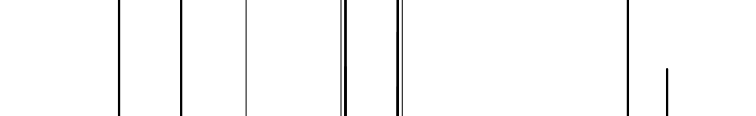
V16

V15

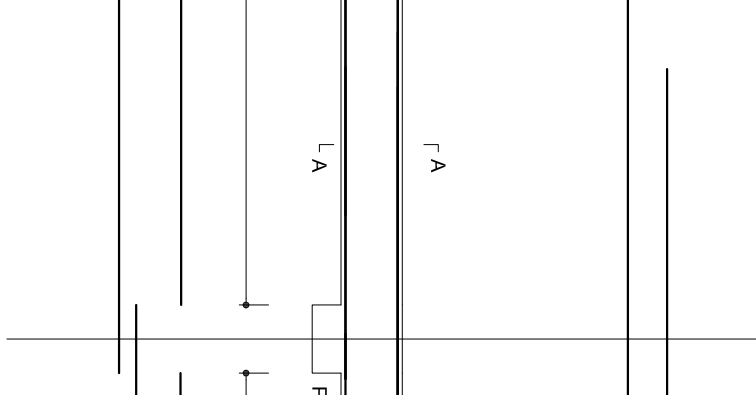
V14

V13

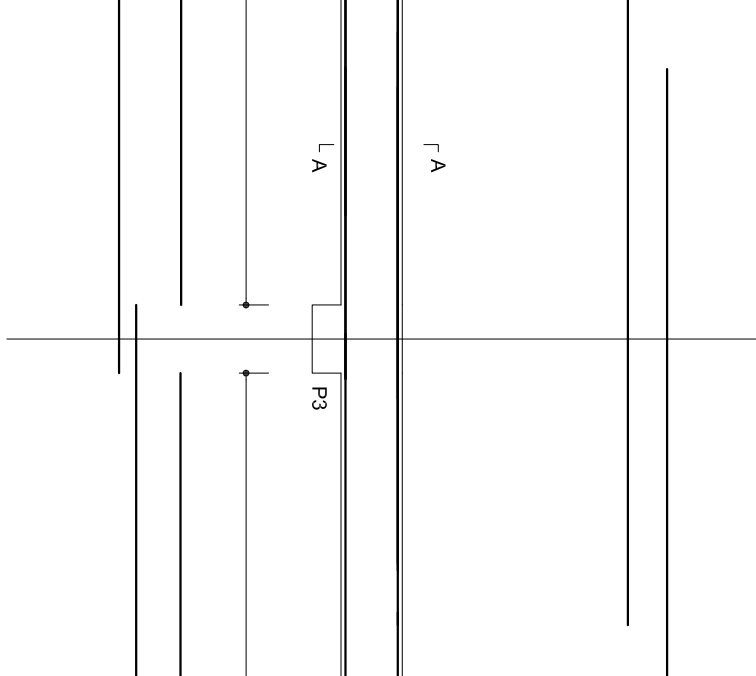
V12



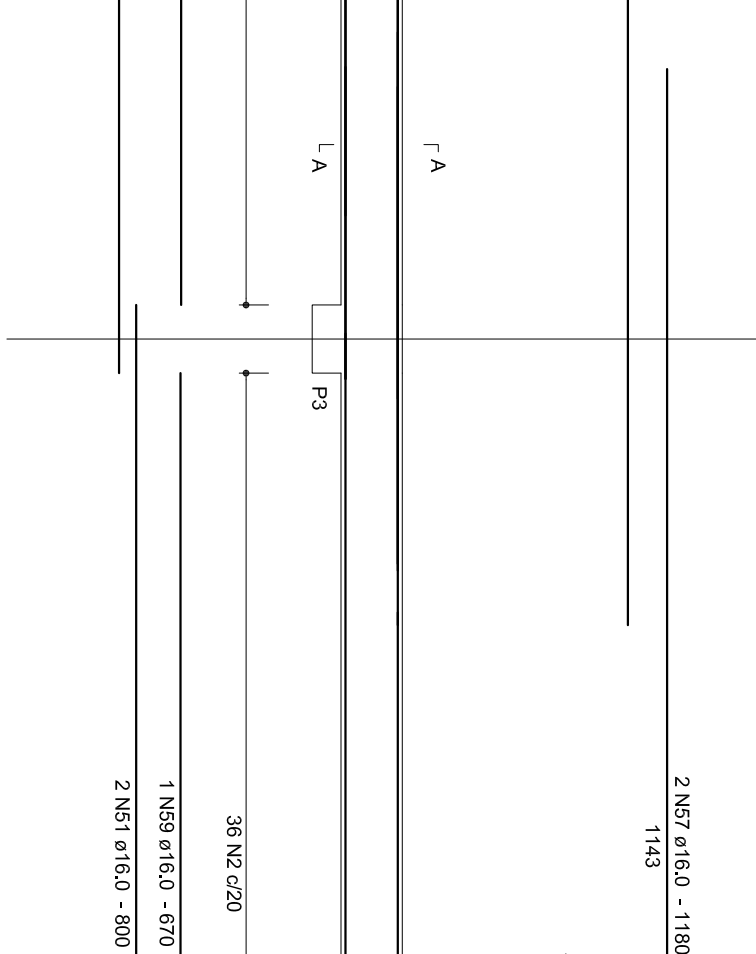
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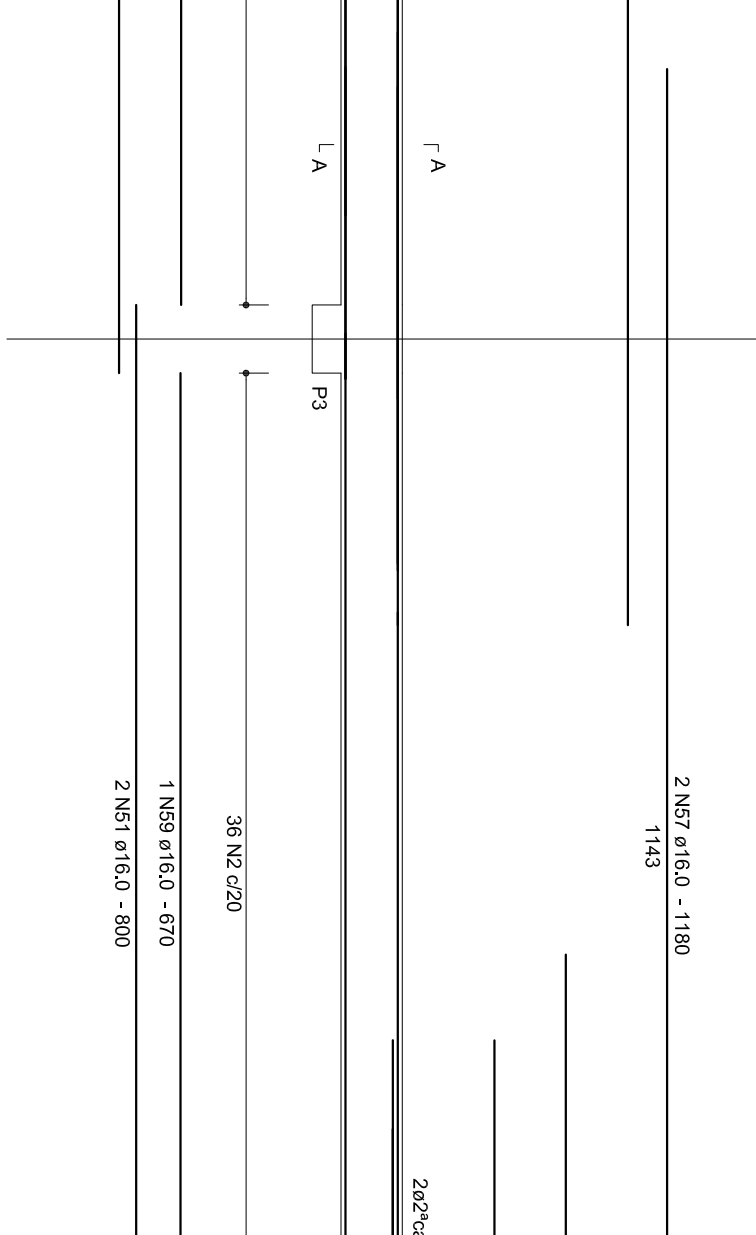
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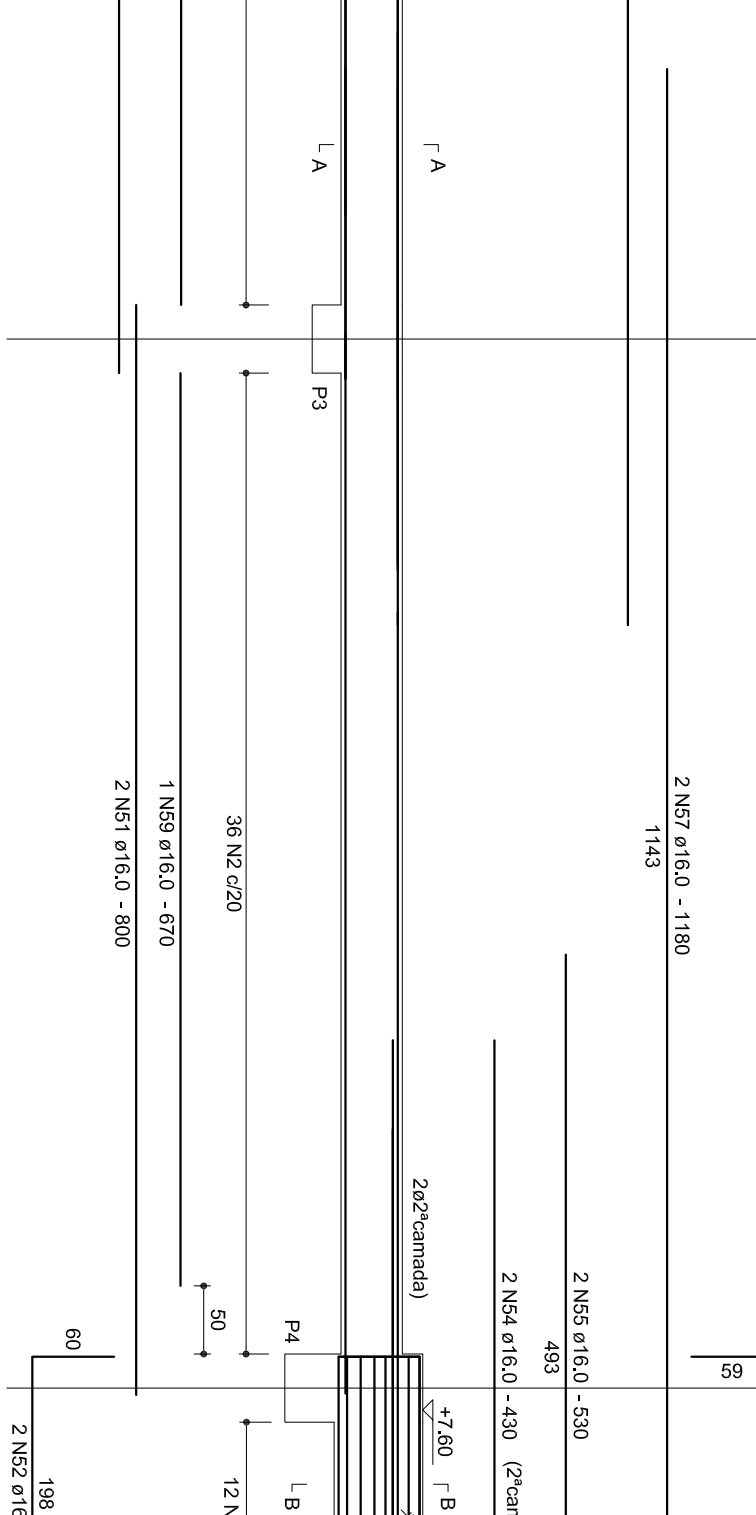
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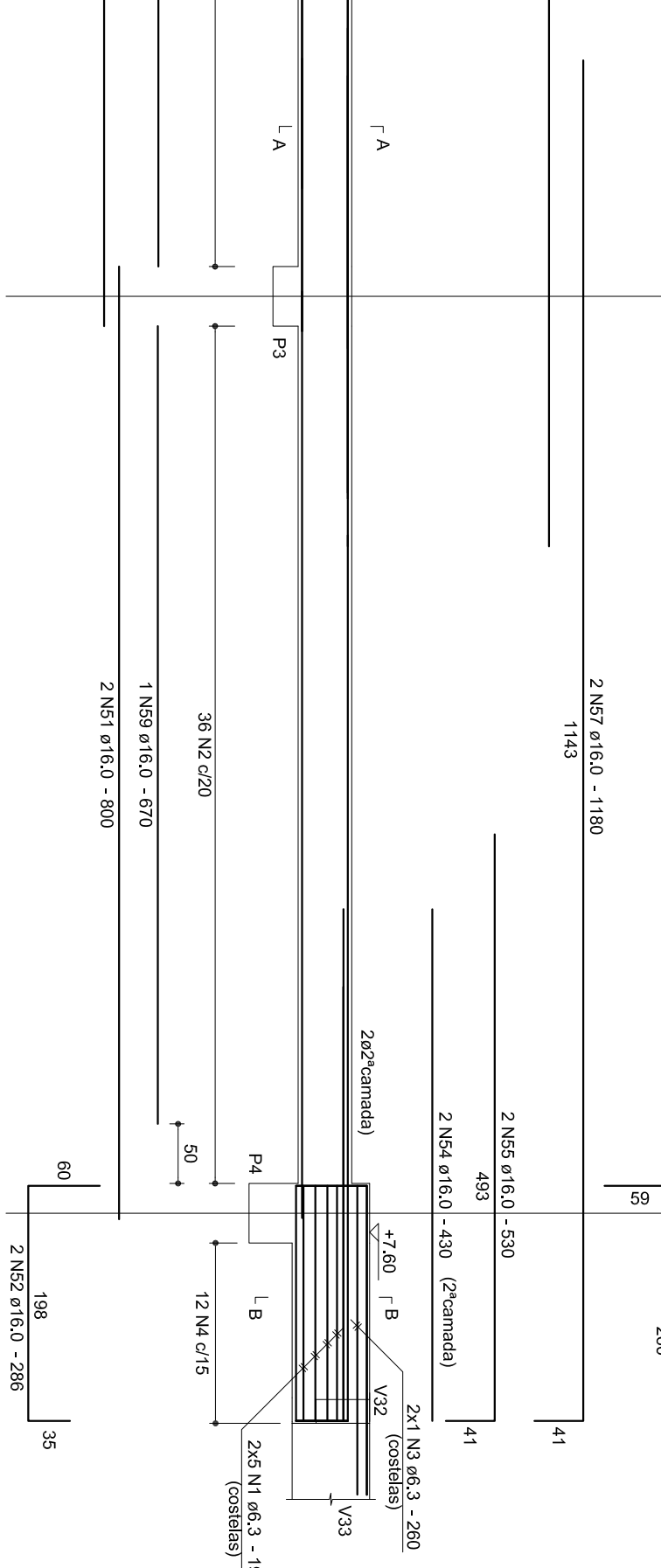
V8



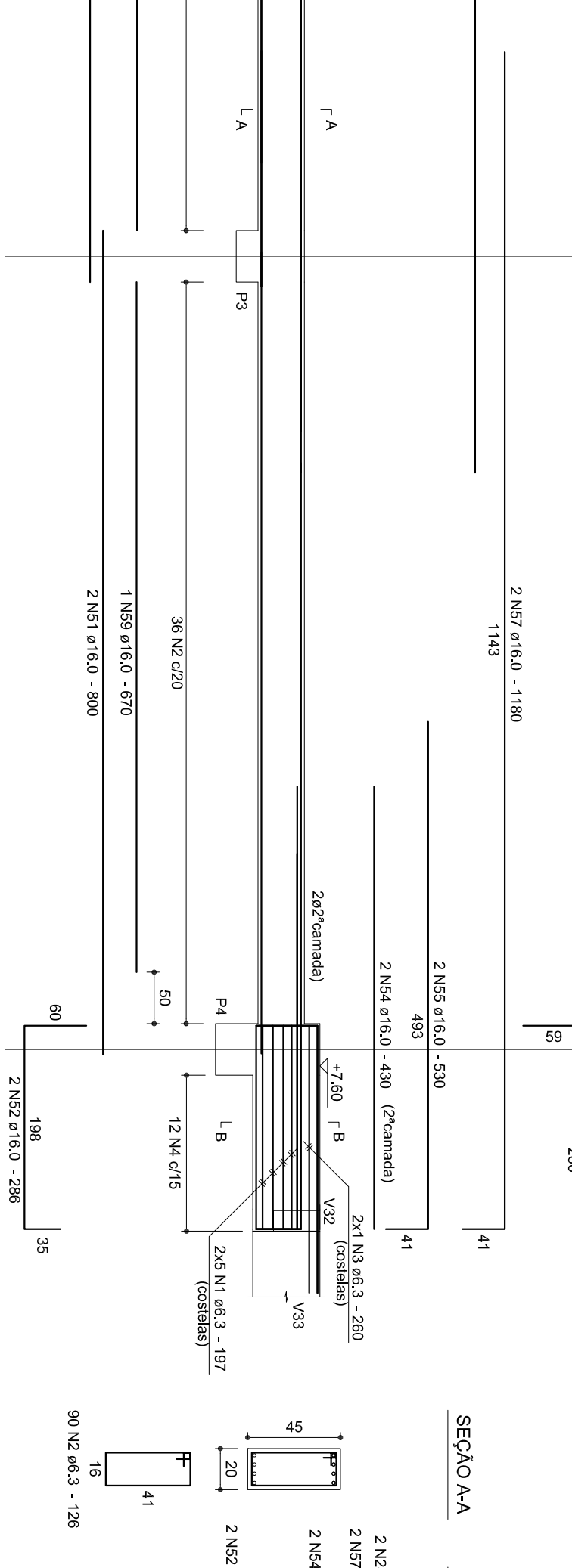
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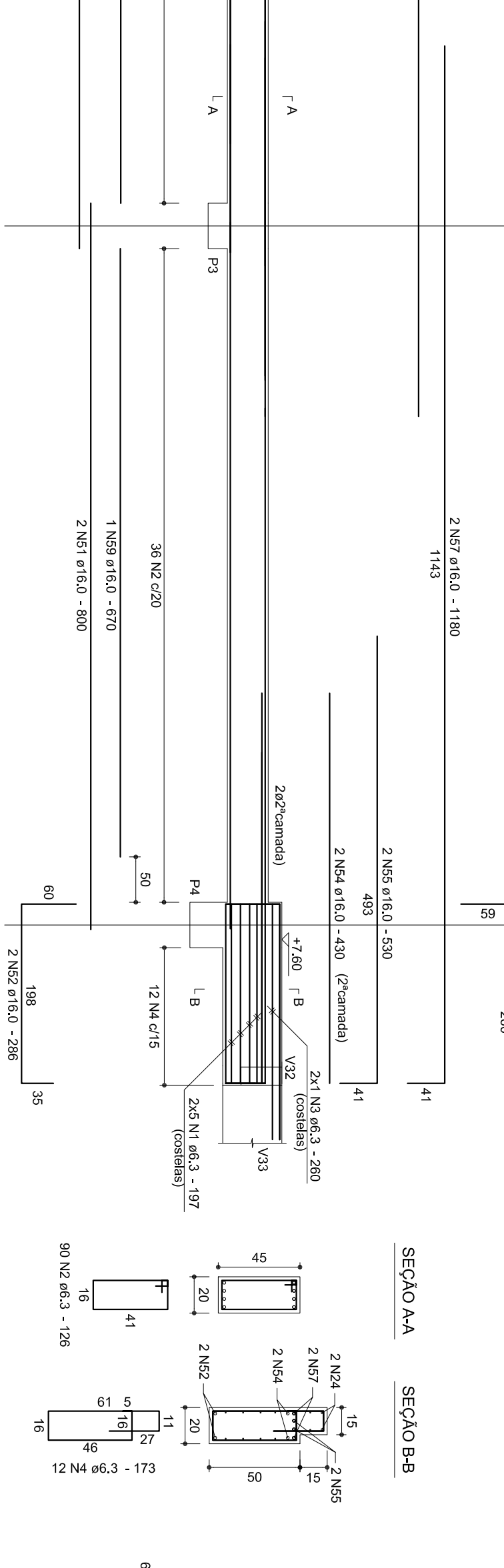
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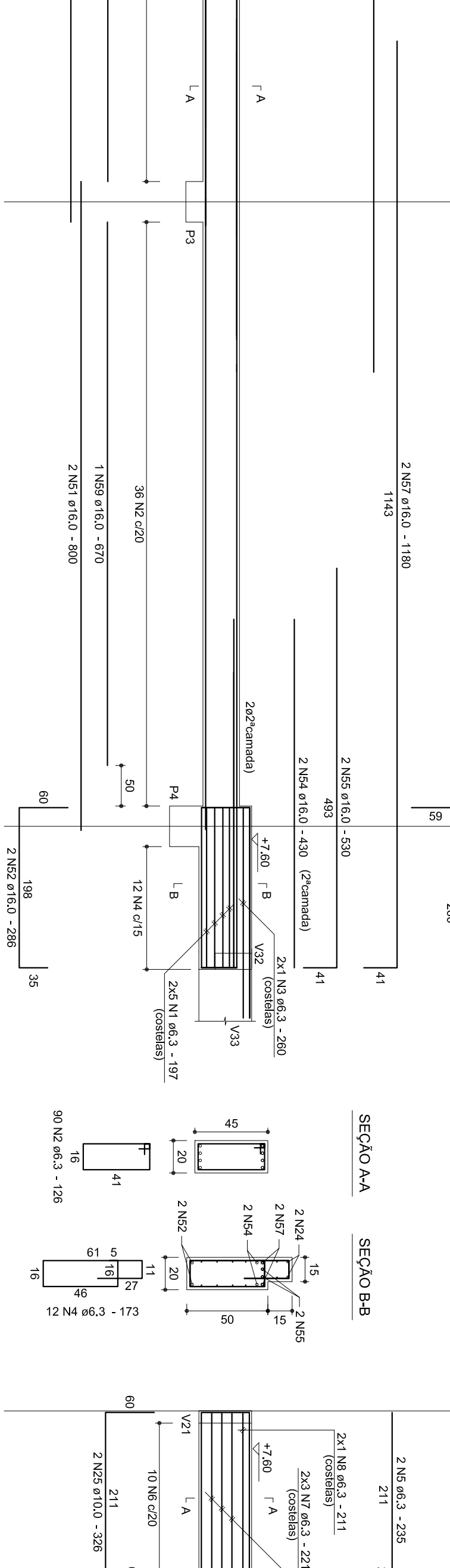
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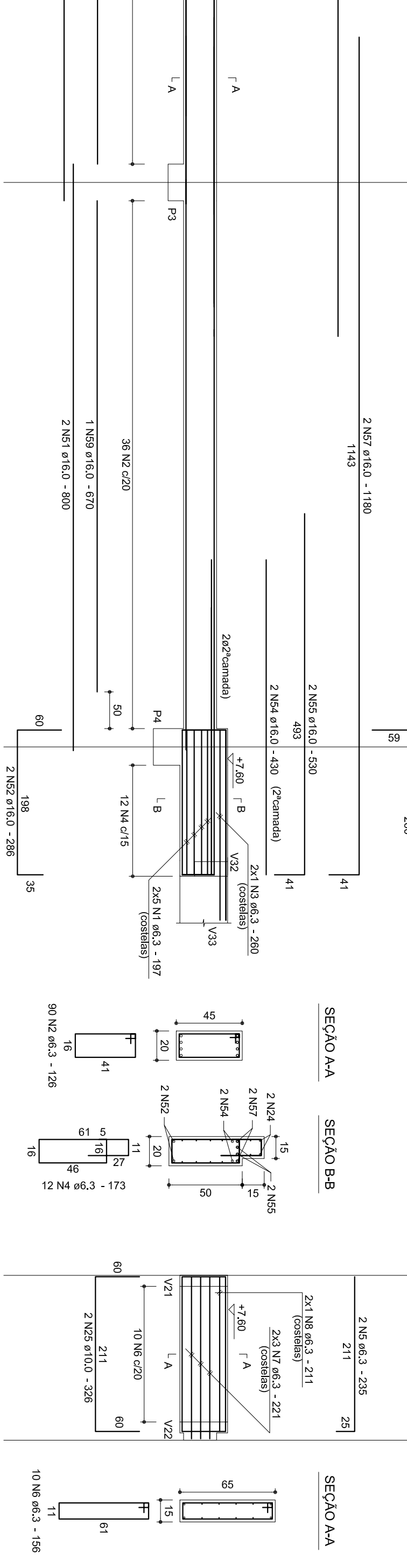
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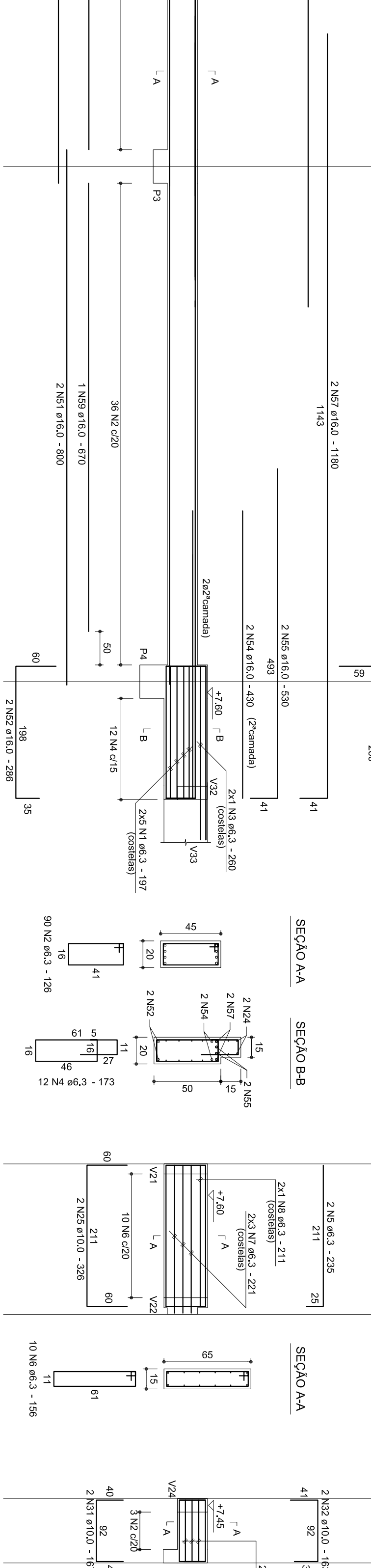
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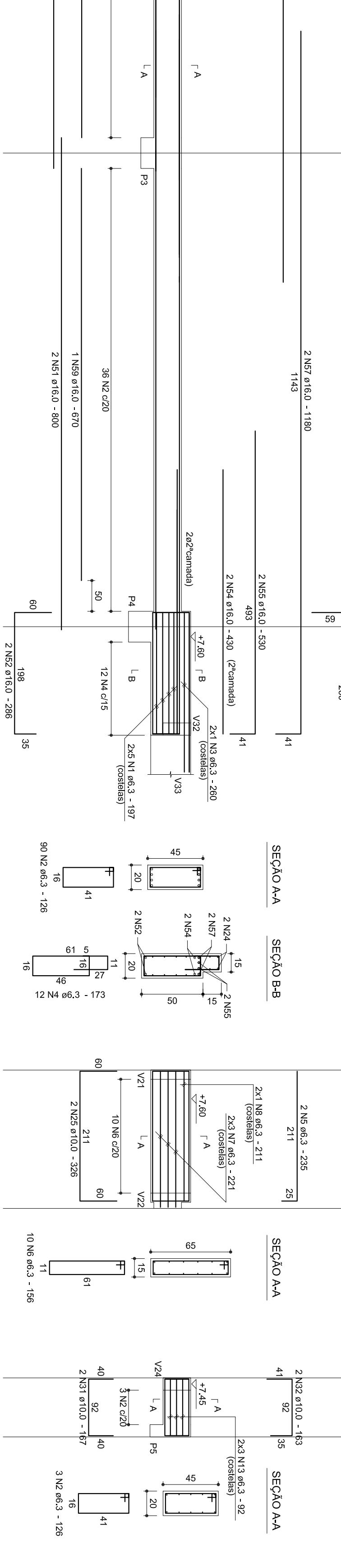
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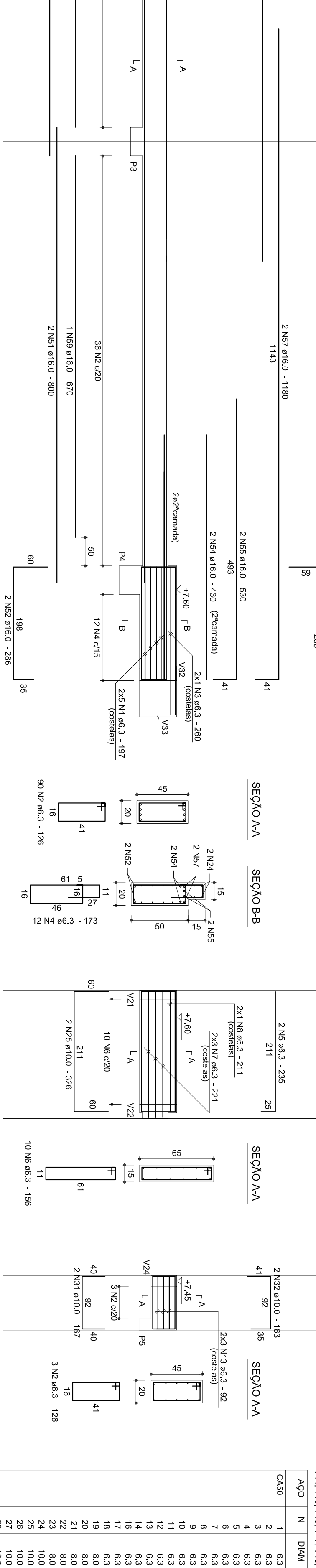
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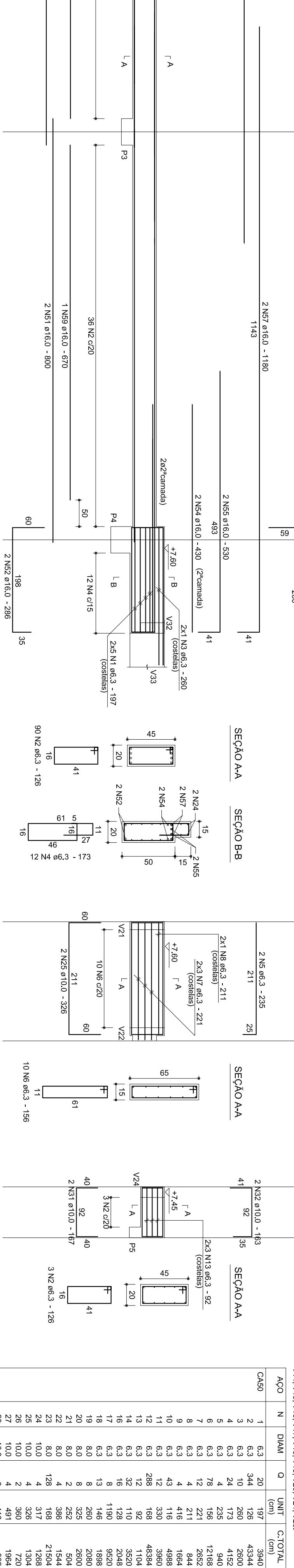
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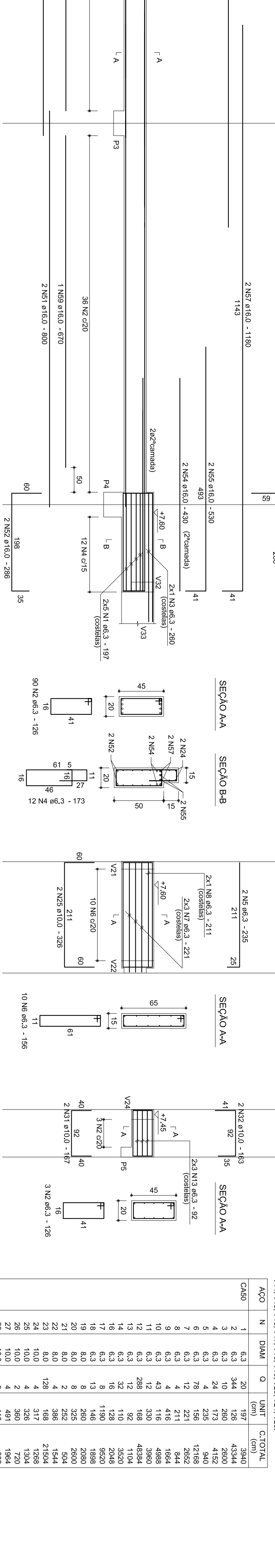
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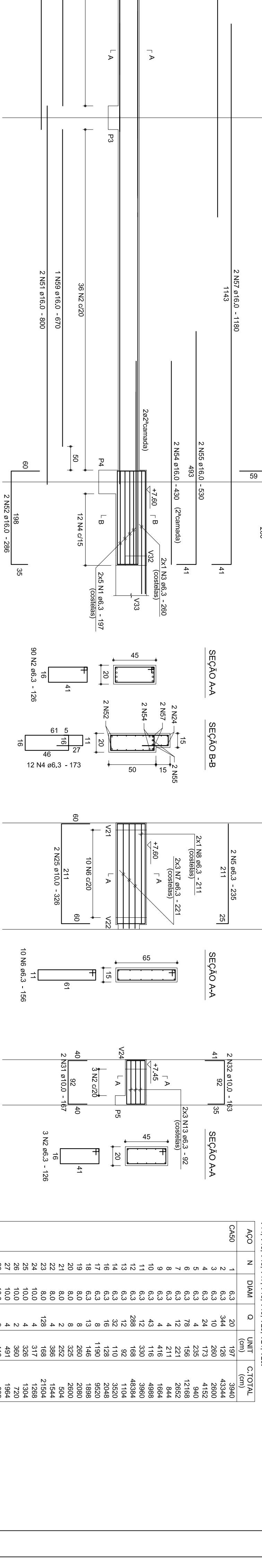
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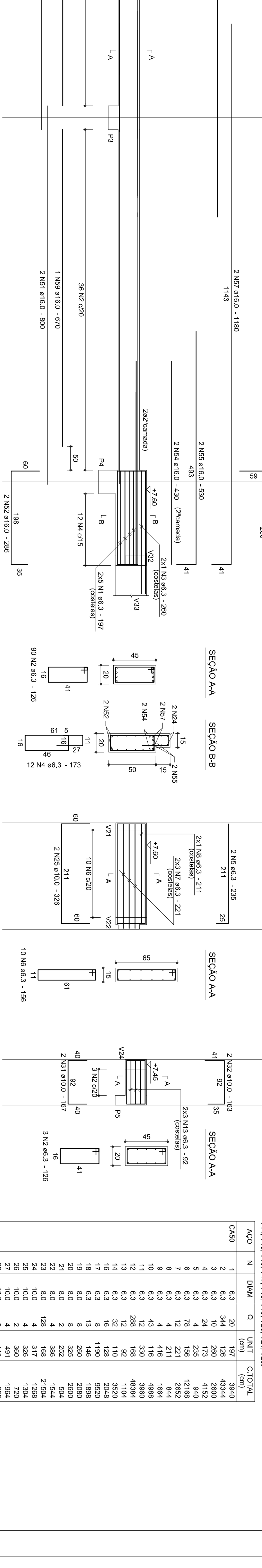
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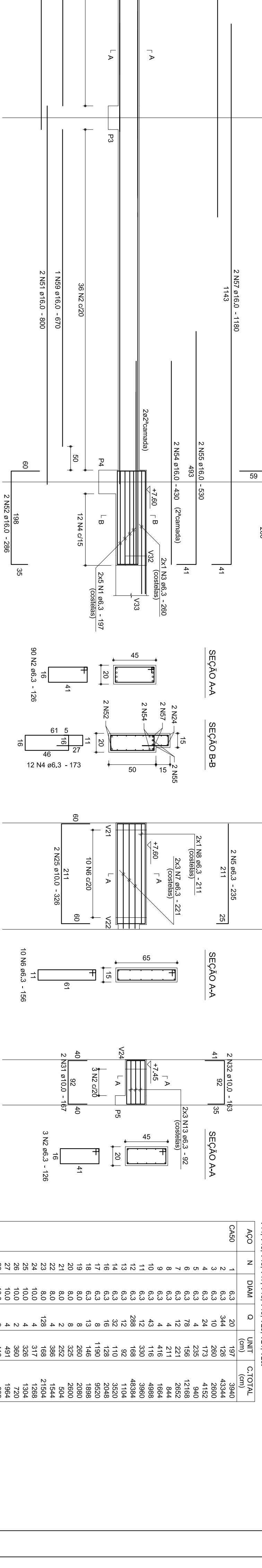
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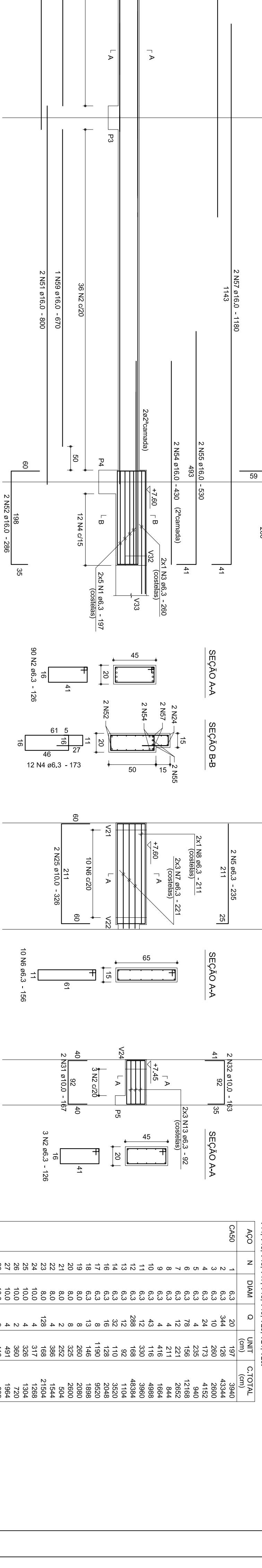
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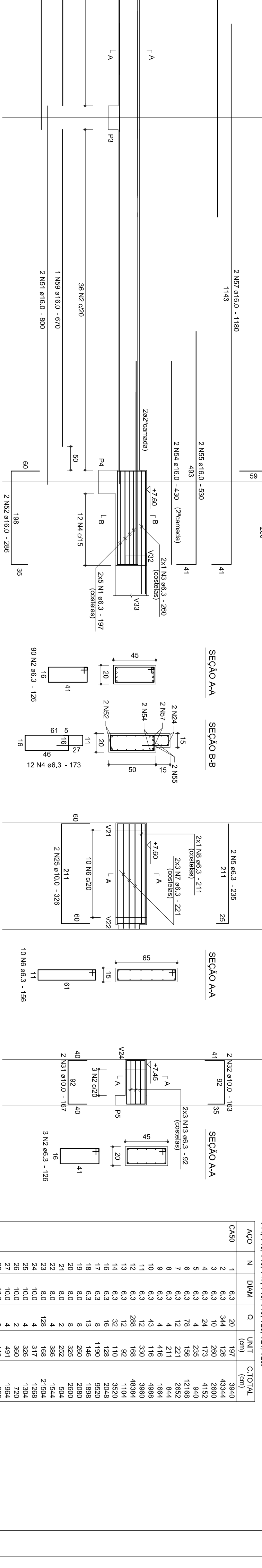
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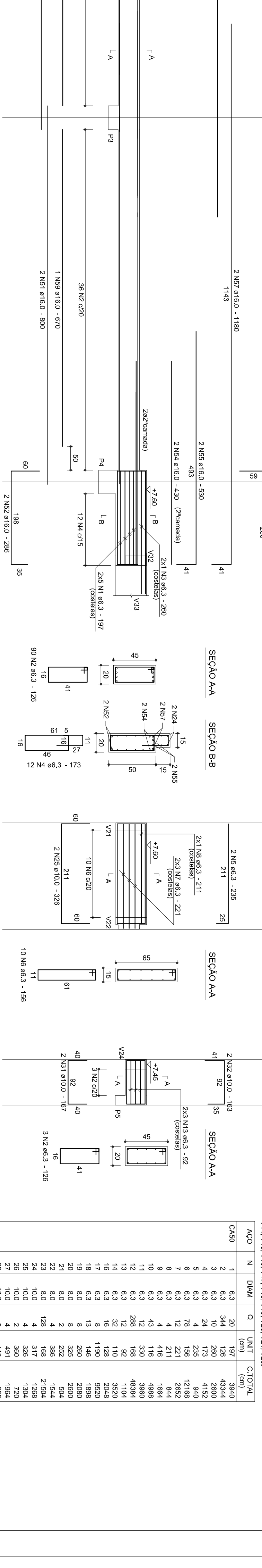
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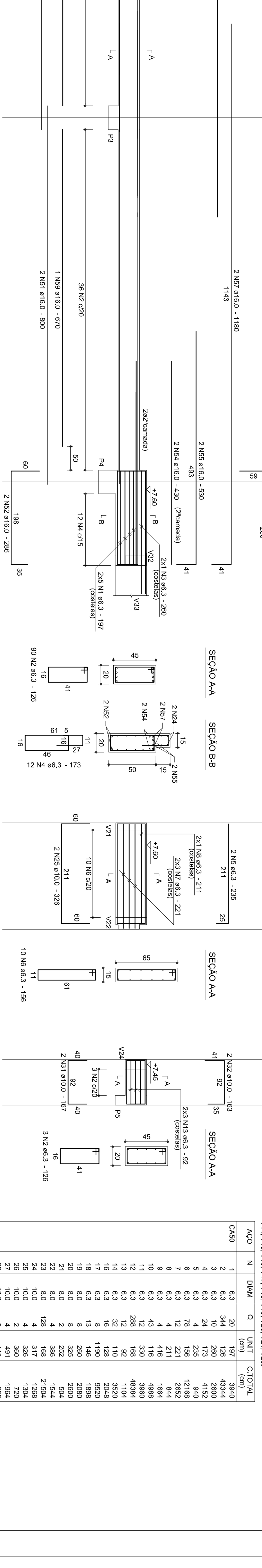
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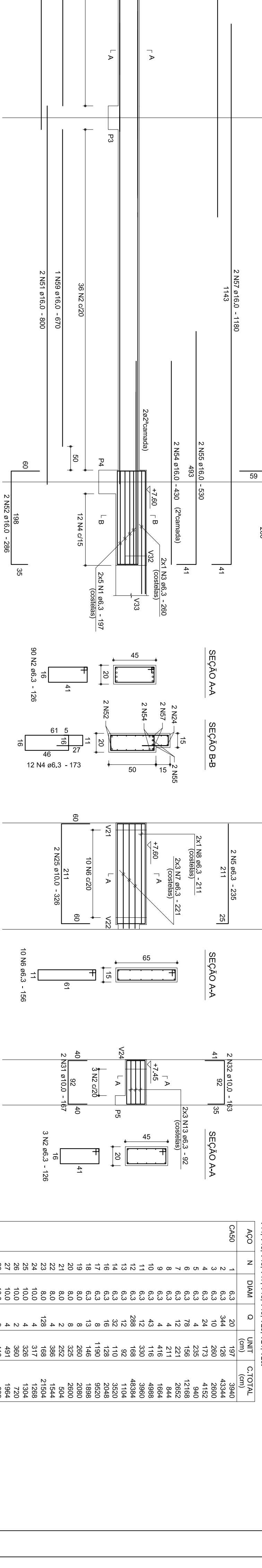
V1



V1



V1



V1

