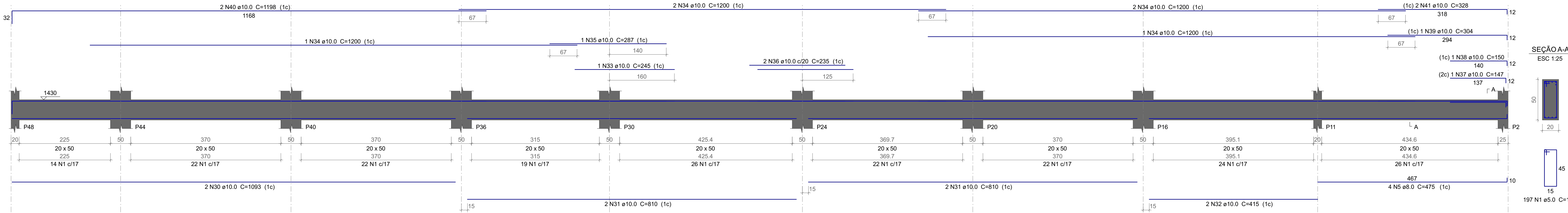


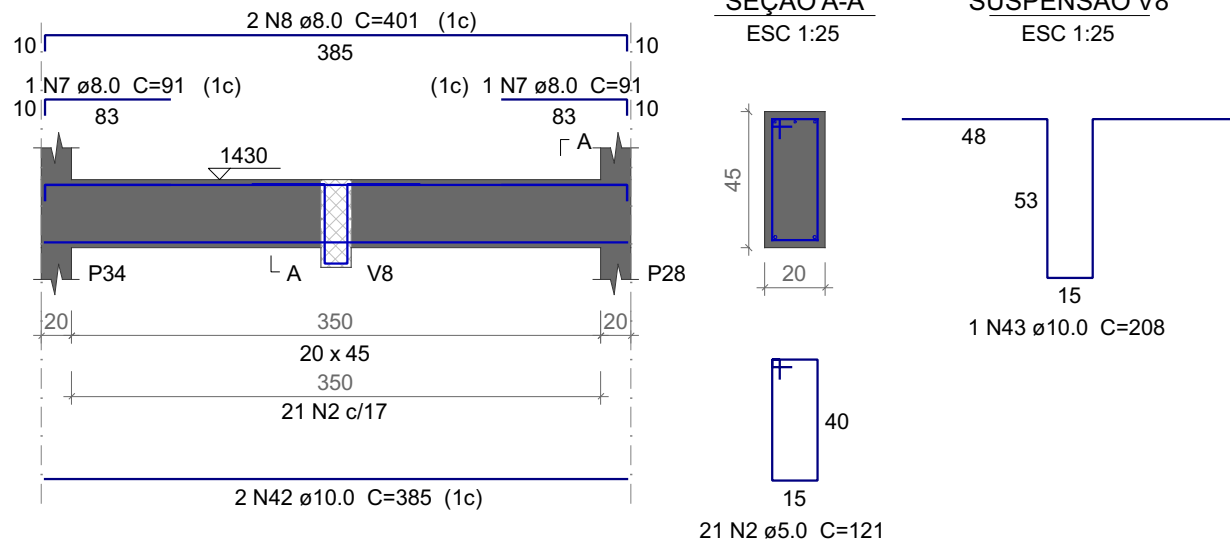
V17

ESC 1:50



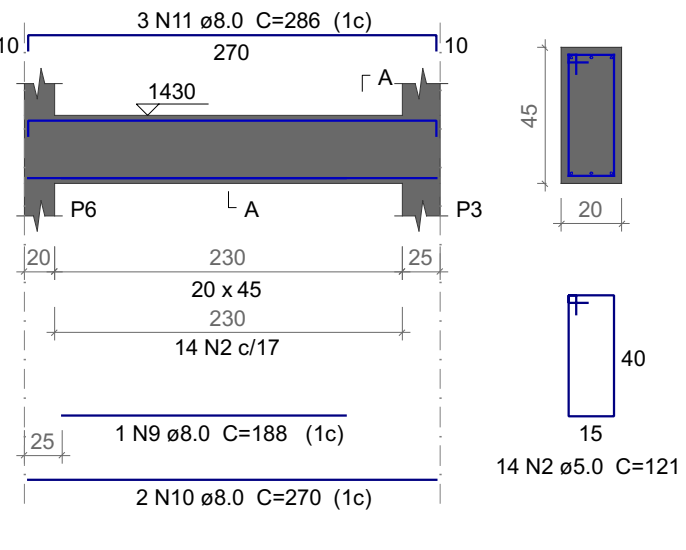
V20

ESC 1:50



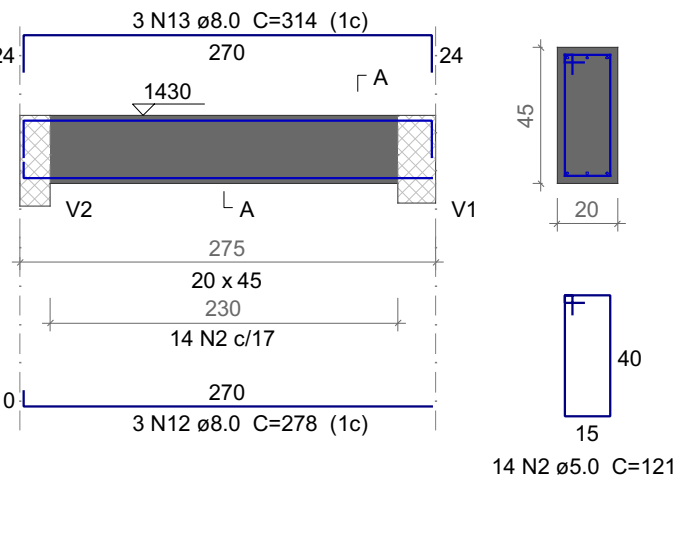
V21

ESC 1:50



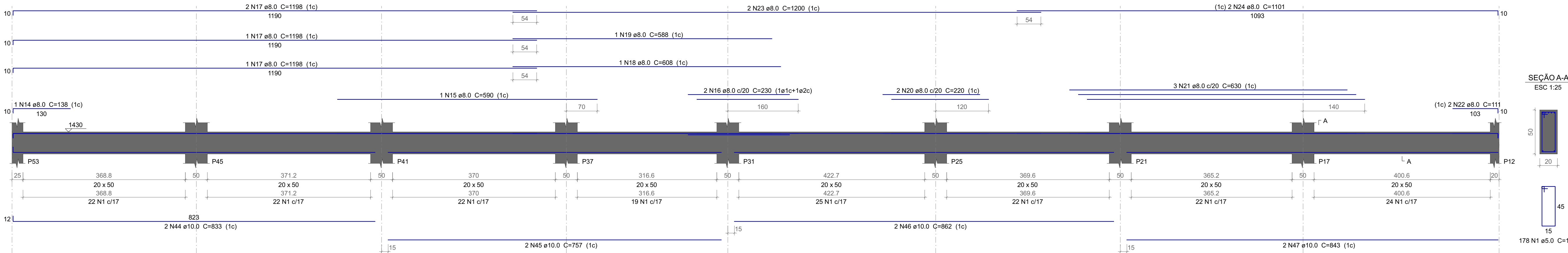
V22

ESC 1:50



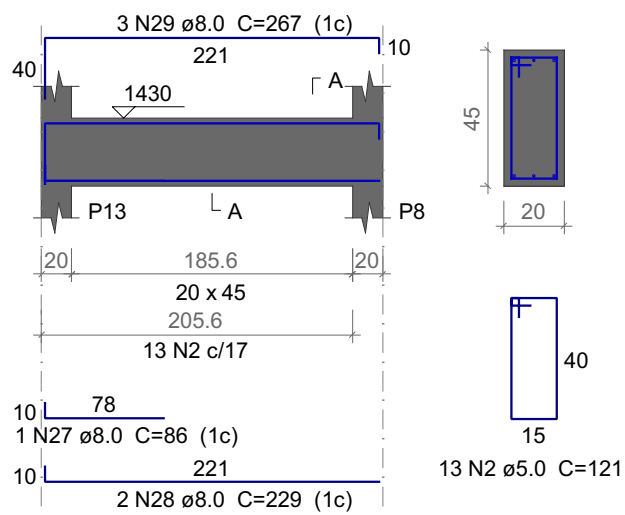
V23

ESC 1:50



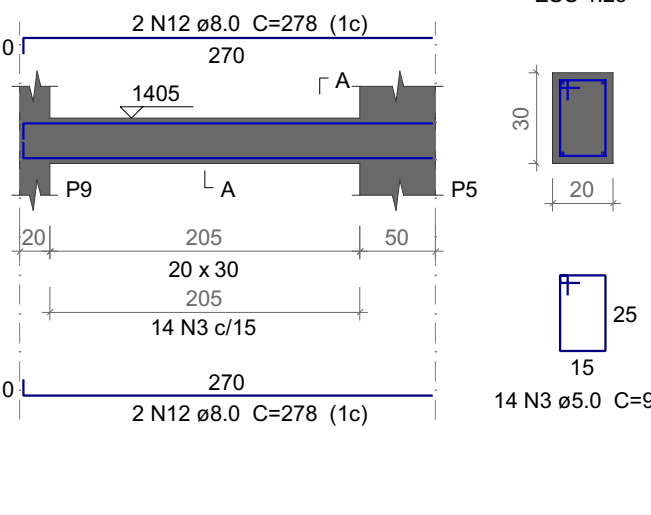
V26

ESC 1:50



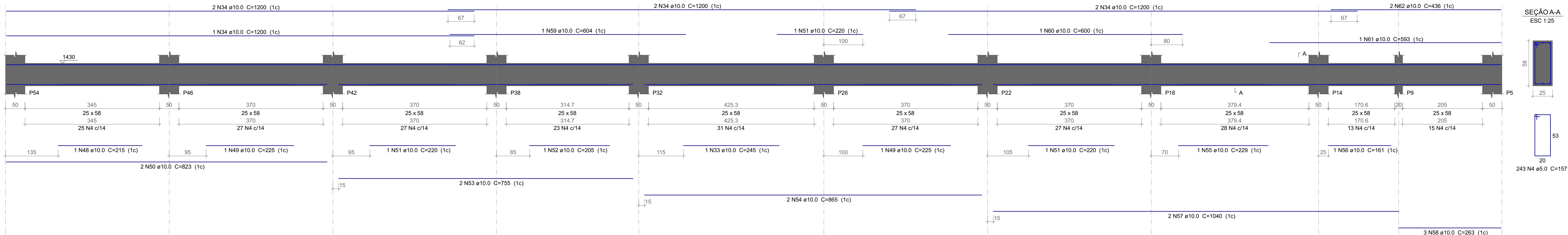
V28

ESC 1:50



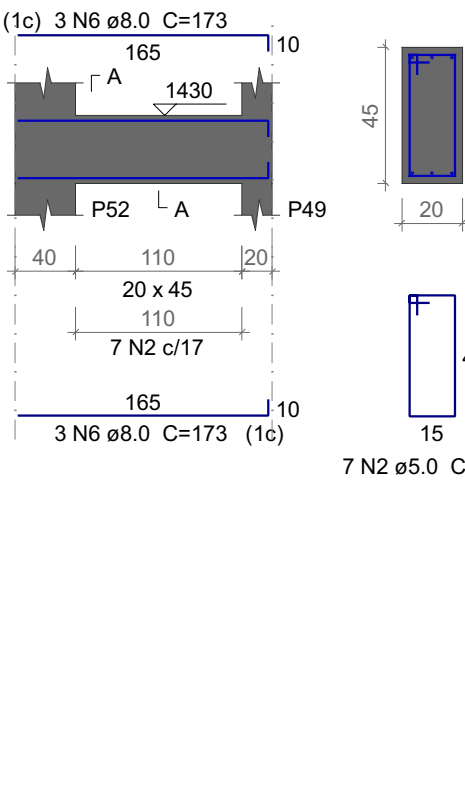
V29

ESC 1:50



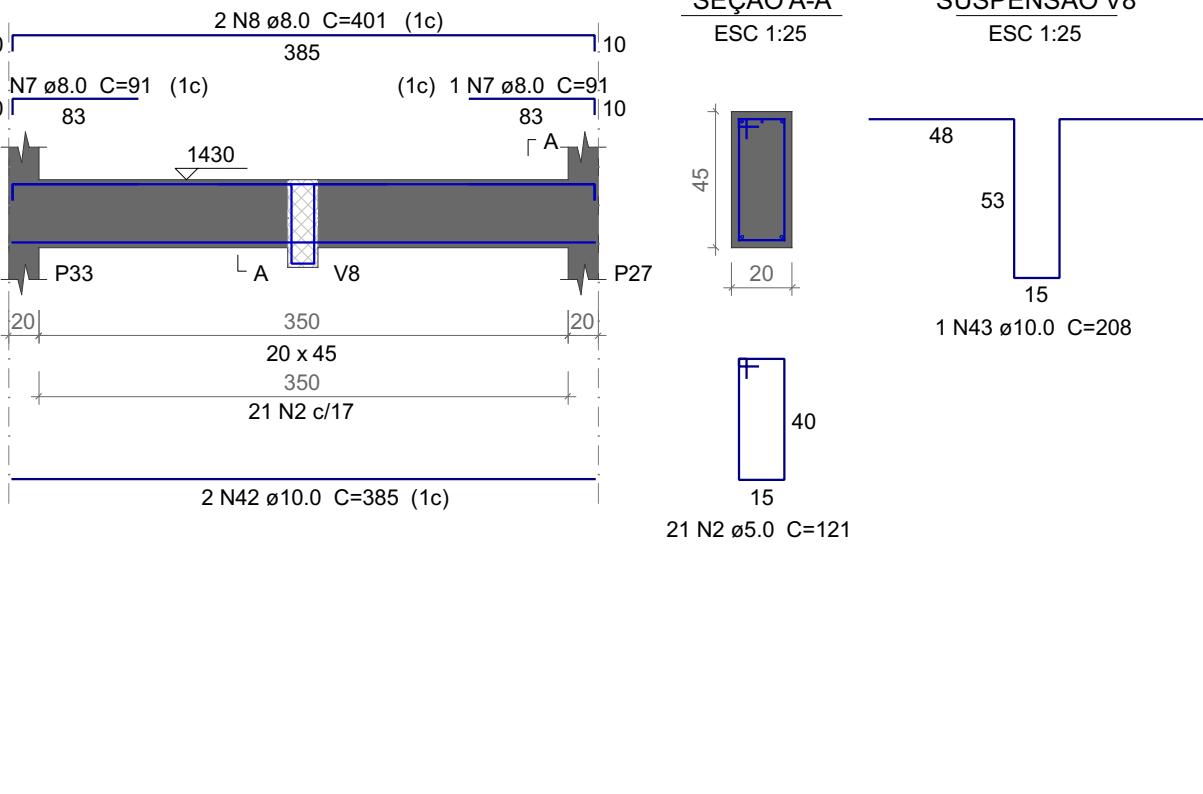
V18

ESC 1:50



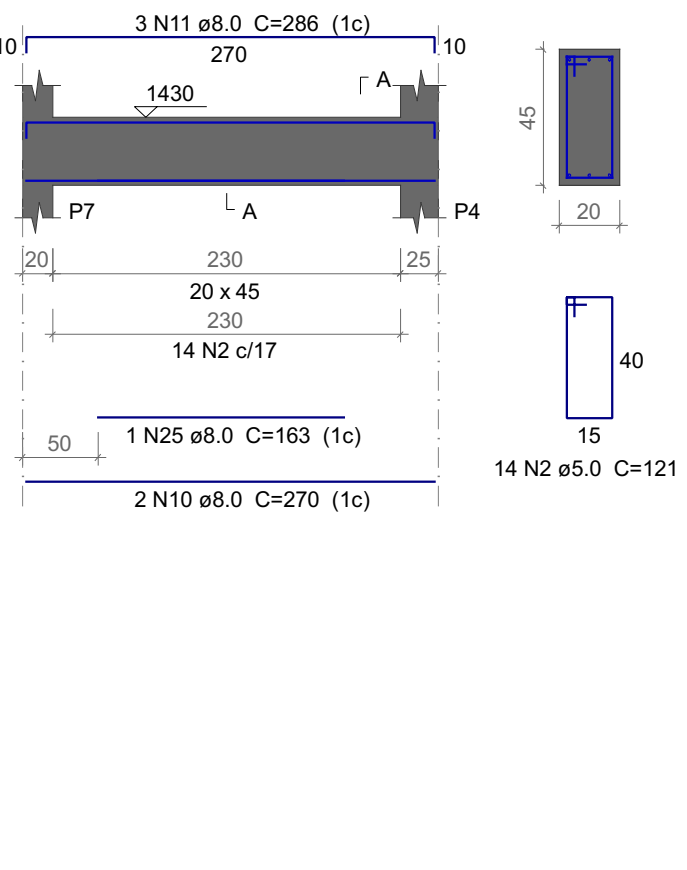
V19

ESC 1:50



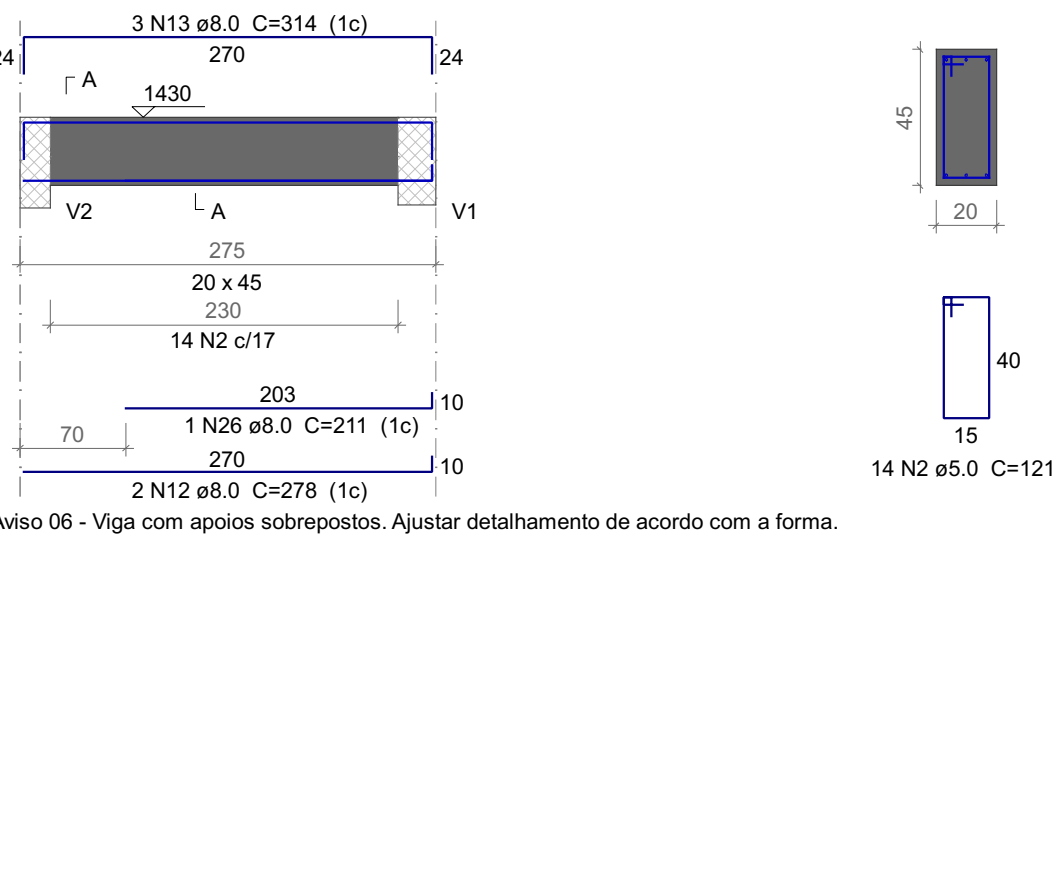
V24

ESC 1:50



V25

ESC 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	375	131	49125
	2	5.0	118	121	14278
	3	5.0	14	91	1274
	4	5.0	243	157	38151
CA50	5	8.0	4	475	1900
	6	8.0	6	173	1038
	7	8.0	4	91	364
	8	8.0	4	401	1604
	9	8.0	1	188	188
	10	8.0	4	270	1080
	11	8.0	6	286	1716
	12	8.0	9	278	2502
	13	8.0	6	314	1884
	14	8.0	1	138	138
	15	8.0	1	590	590
	16	8.0	2	230	460
	17	8.0	4	1198	4792
	18	8.0	1	608	608
	19	8.0	1	588	588
	20	8.0	2	220	440
	21	8.0	3	630	1890
	22	8.0	2	111	222
	23	8.0	2	1200	2400
	24	8.0	2	1101	2202
	25	8.0	1	163	163
	26	8.0	1	211	211
	27	8.0	1	86	86
	28	8.0	2	229	458
	29	8.0	3	267	801
	30	10.0	2	1093	2186
	31	10.0	4	810	3240
	32	10.0	2	415	830
	33	10.0	2	245	490
	34	10.0	13	1200	15600
	35	10.0	1	287	287
	36	10.0	2	235	470
	37	10.0	1	147	147
	38	10.0	1	150	150
	39	10.0	1	304	304
	40	10.0	2	1198	2396
	41	10.0	2	328	656
	42	10.0	4	385	1540
	43	10.0	2	208	416
	44	10.0	2	833	1666
	45	10.0	2	757	1514
	46	10.0	2	862	1724
	47	10.0	2	843	1686
	48	10.0	1	215	215
	49	10.0	2	225	450
	50	10.0	2	823	1646
	51	10.0	3	220	660
	52	10.0	1	205	205
	53	10.0	2	755	1510
	54	10.0	2	865	1730
	55	10.0	1	229	229
	56	10.0	1	161	161
	57	10.0	2	1040	2080
	58	10.0	3	263	789
	59	10.0	1	604	604
	60	10.0	1	600	600
	61	10.0	1	593	593
	62	10.0	2	436	872

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	293.3	122.9
	10.0	476.5	323.1
CA60	5.0	1028.3	174.3

PESO TOTAL (kg)

CA50	446.1
CA60	174.3

Volume de concreto (C-30) = 13.36 m³

Área de forma = 127.57 m²