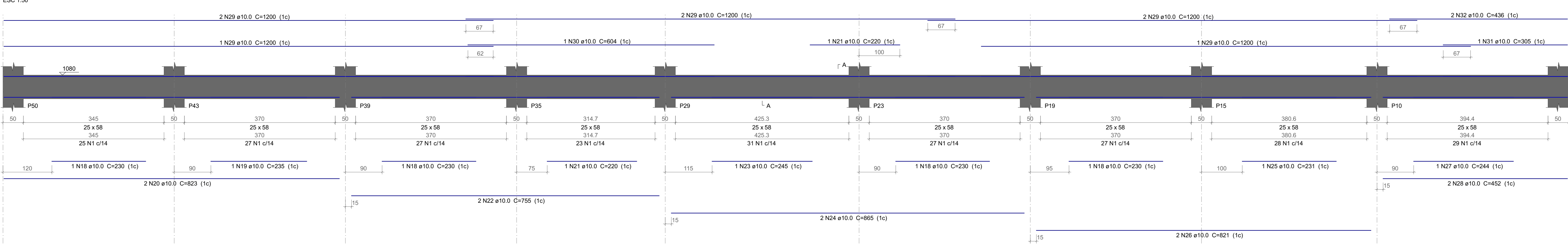
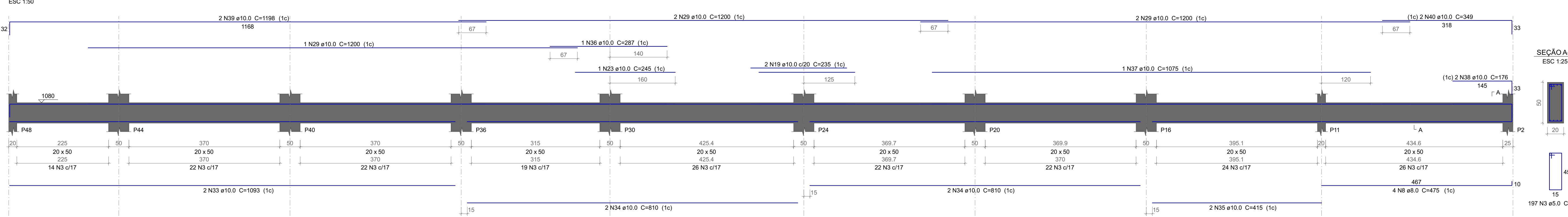


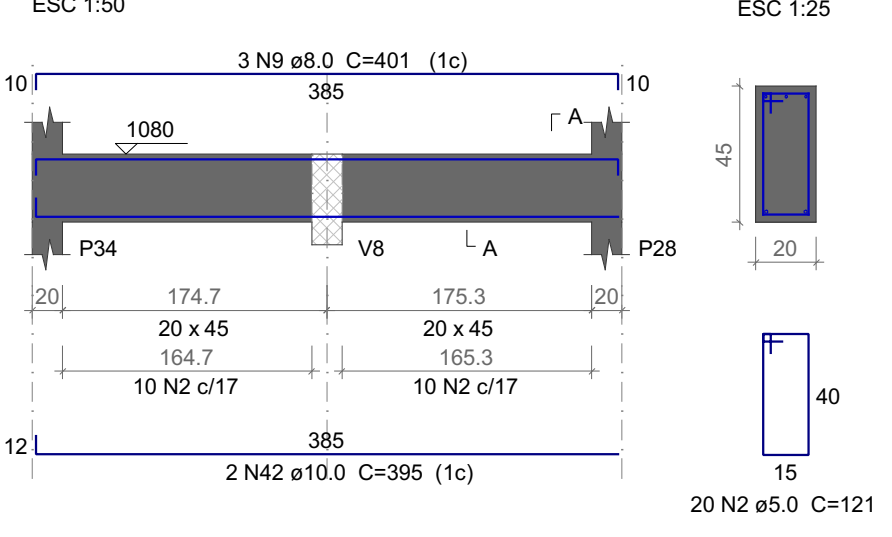
V15



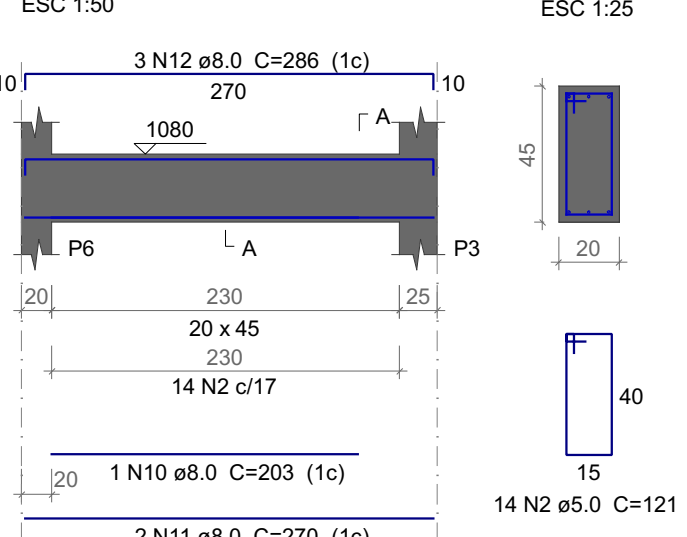
V17



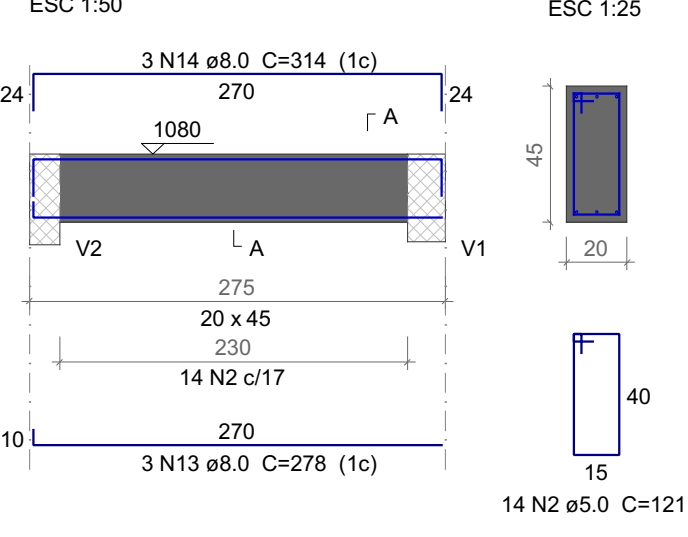
V20



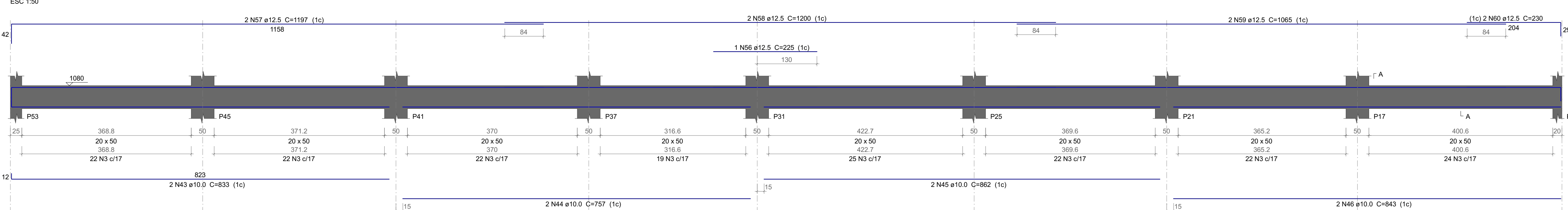
V21



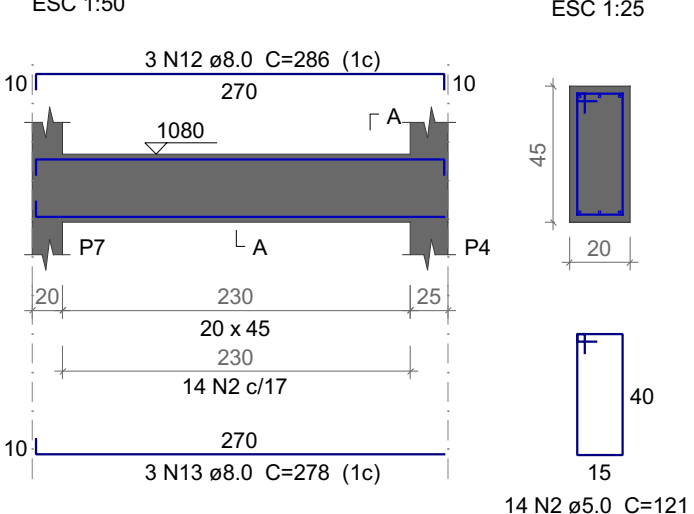
V22



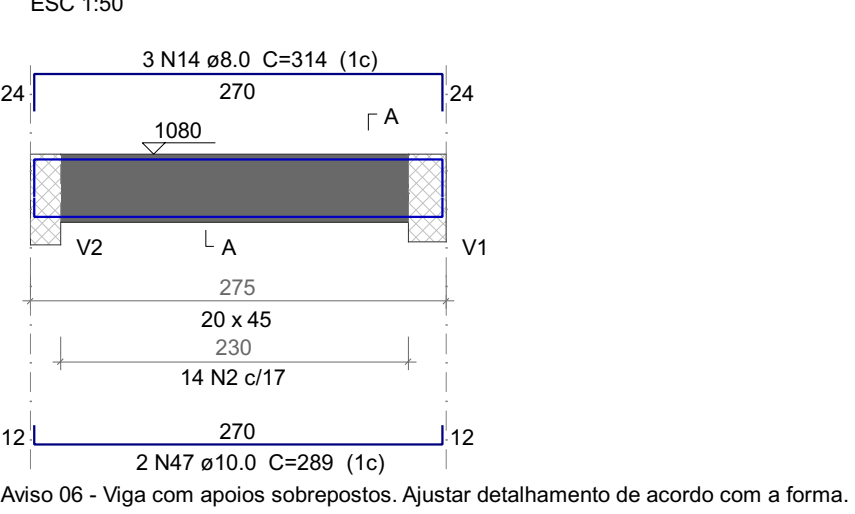
V23



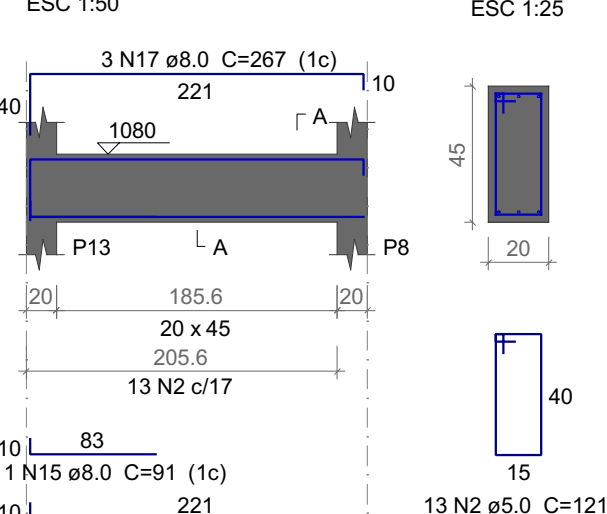
V24



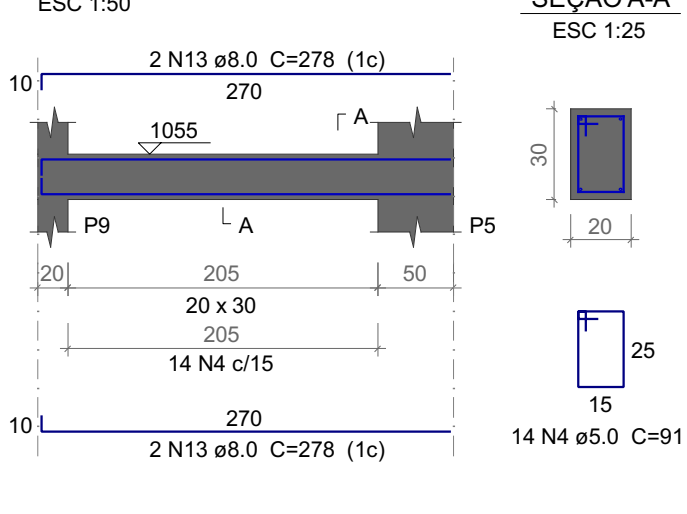
V25



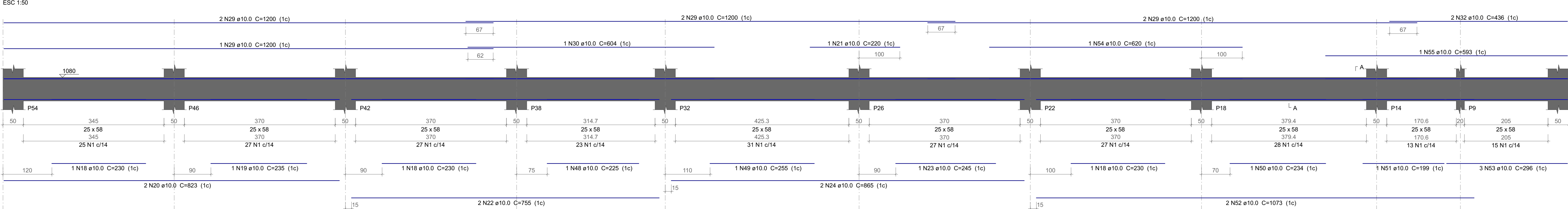
V26



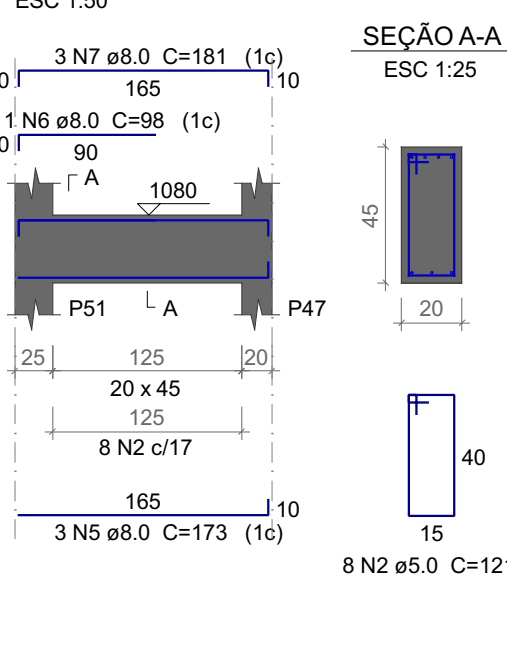
V28



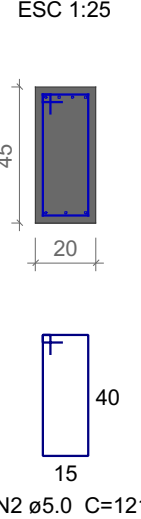
V29



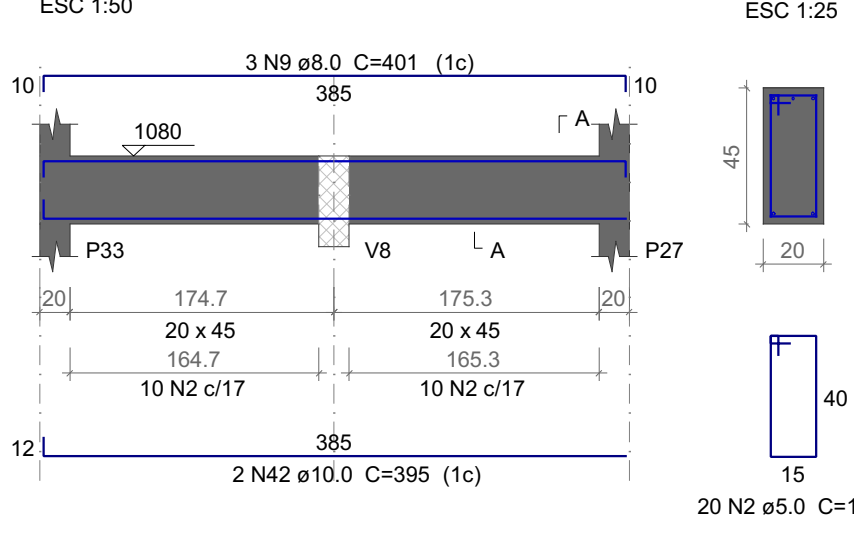
V16



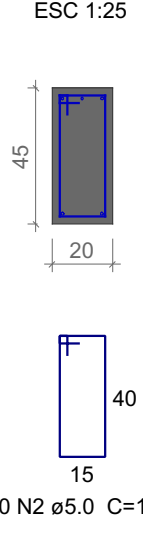
V18



V19



V16



Relação do aço

AÇO	N	DIAM (mm)	QUANT	CUNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	487	157	76459
	2	5.0	124	121	15004
	3	5.0	375	131	49125
	4	5.0	14	91	1274
CA50	5	8.0	6	173	1038
	6	8.0	1	98	98
	7	8.0	3	181	543
	8	8.0	4	475	1900
	9	8.0	6	401	2406
	10	8.0	1	203	203
	11	8.0	2	270	540
	12	8.0	6	286	1716
	13	8.0	10	278	2780
	14	8.0	6	314	1884
	15	8.0	1	91	91
	16	8.0	2	229	458
	17	8.0	3	267	801
	18	10.0	7	230	1610
	19	10.0	4	235	940
	20	10.0	4	623	3292
V28	21	10.0	3	220	660
	22	10.0	4	755	3020
	23	10.0	3	245	735
	24	10.0	4	855	3460
	25	10.0	1	231	231
	26	10.0	2	821	1642
	27	10.0	1	244	244
	28	10.0	2	452	904
	29	10.0	20	1200	24000
	30	10.0	2	604	1208
	31	10.0	1	305	305
	32	10.0	4	436	1744
	33	10.0	2	1093	2186
	34	10.0	4	810	3240
	35	10.0	2	415	830
V28	36	10.0	1	287	287
	37	10.0	1	1075	1075
	38	10.0	2	176	352
	39	10.0	2	1198	2396
	40	10.0	2	349	698
	41	10.0	2	192	384
	42	10.0	4	395	1580
	43	10.0	2	833	1666
	44	10.0	2	757	1514
	45	10.0	2	882	1764
	46	10.0	2	843	1686
	47	10.0	2	289	578
	48	10.0	1	225	225
	49	10.0	1	255	255
	50	10.0	1	234	234
CA60	51	10.0	1	199	199
	52	10.0	2	1073	2146
	53	10.0	3	296	888
	54	10.0	1	620	620
CA50	55	10.0	1	693	693
	56	12.5	1	225	225
	57	12.5	2	1197	2394
	58	12.5	2	1200	2400
CA60	59	12.5	2	1065	2130
	60	12.5	2	230	460

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	144.6	62.8
	10.0	693.6	470.3
	12.5	78.1	80.6
CA60	5.0	1418.7	240.5
PESO TOTAL (kg)		613.7	
CA50		240.5	
CA60		240.5	

Volume de concreto (C-30) = 18.39 m³

Área de forma = 172.31 m²