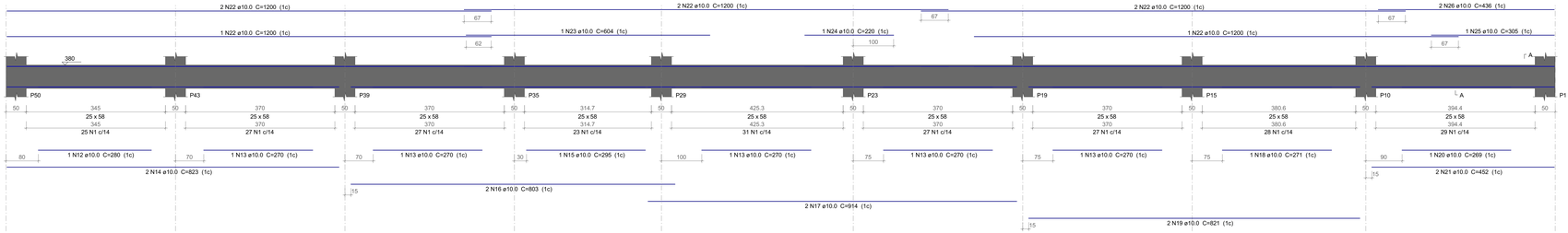
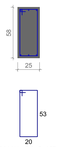
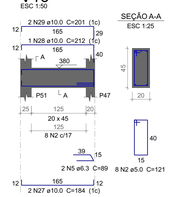
V15
ESC 1:50



SEÇÃO A-A
ESC 1:25

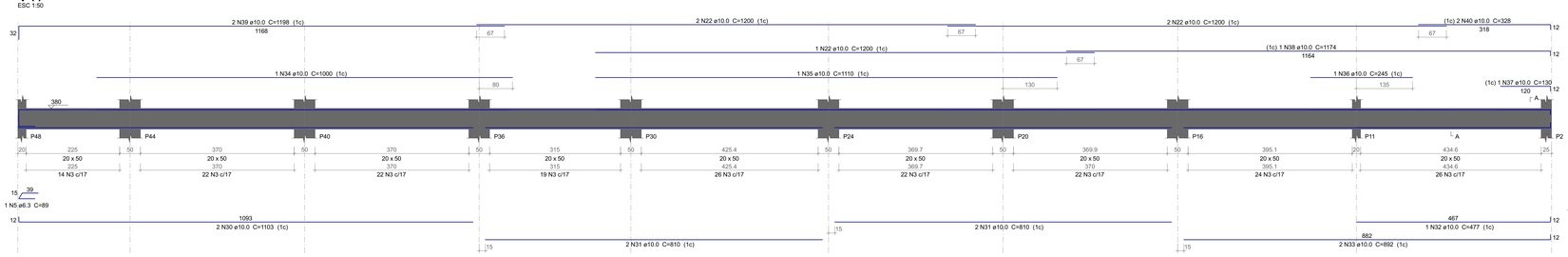


V16
ESC 1:50

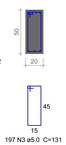


SEÇÃO A-A
ESC 1:25

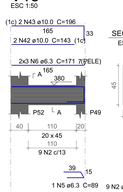
V17
ESC 1:50



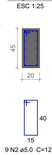
SEÇÃO A-A
ESC 1:25



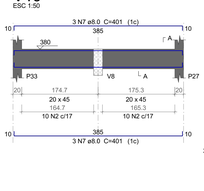
V18
ESC 1:50



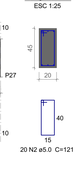
SEÇÃO A-A
ESC 1:25



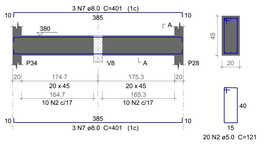
V19
ESC 1:50



SEÇÃO A-A
ESC 1:25

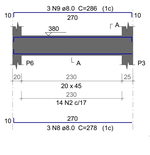


V20
ESC 1:50

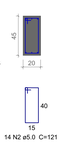


SEÇÃO A-A
ESC 1:25

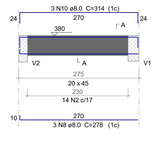
V21
ESC 1:50



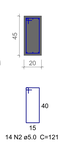
SEÇÃO A-A
ESC 1:25



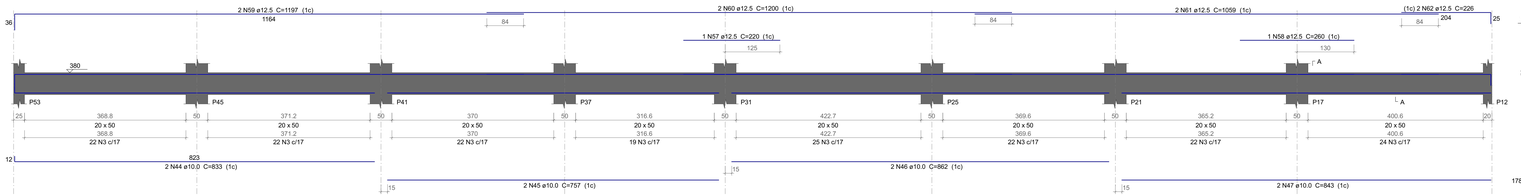
V22
ESC 1:50



SEÇÃO A-A
ESC 1:25

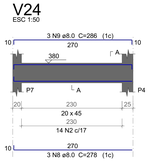


V23
ESC 1:50

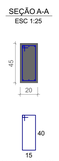


SEÇÃO A-A
ESC 1:25

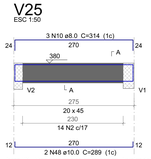
V24
ESC 1:50



SEÇÃO A-A
ESC 1:25

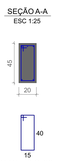


V25
ESC 1:50

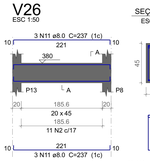


Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

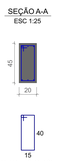
SEÇÃO A-A
ESC 1:25



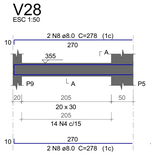
V26
ESC 1:50



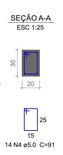
SEÇÃO A-A
ESC 1:25



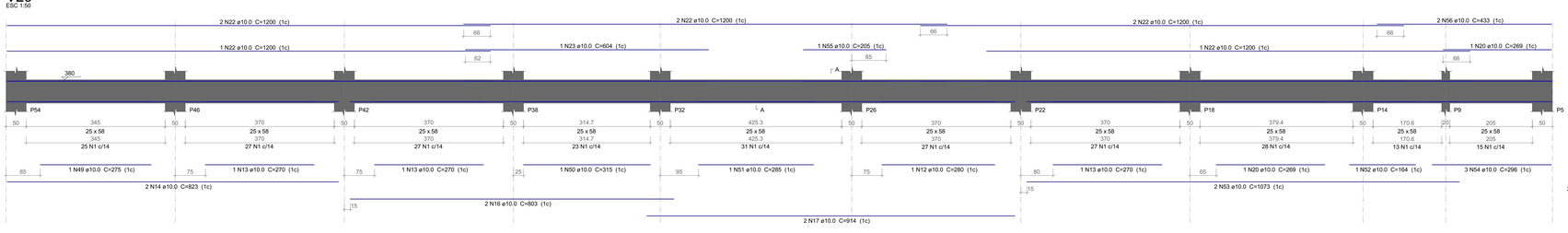
V28
ESC 1:50



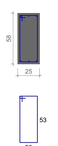
SEÇÃO A-A
ESC 1:25



V29
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V15	V16	V17
V18	V19	V20
V21	V22	V23
V24	V25	V26
V28	V29	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (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	6.3	4	89	356
	6	6.3	6	171	1026
	7	8.0	12	401	4812
	8	8.0	13	278	3614
	9	8.0	6	286	1716
	10	8.0	6	314	1884
	11	8.0	6	237	1422
	12	10.0	2	280	560
	13	10.0	8	270	2160
	14	10.0	4	823	3292
	15	10.0	1	295	295
	16	10.0	4	803	3212
	17	10.0	4	914	3656
	18	10.0	1	271	271
	19	10.0	2	821	1642
	20	10.0	3	269	807
	21	10.0	2	452	904
	22	10.0	21	1200	25200
	23	10.0	2	604	1208
	24	10.0	1	220	220
	25	10.0	1	305	305
	26	10.0	2	436	872
	27	10.0	2	184	368
	28	10.0	1	212	212
	29	10.0	2	201	402
	30	10.0	2	1103	2206
	31	10.0	4	810	3240
	32	10.0	1	477	477
	33	10.0	2	892	1784
	34	10.0	1	1000	1000
	35	10.0	1	1110	1110
	36	10.0	1	245	245
	37	10.0	1	130	130
	38	10.0	1	1174	1174
	39	10.0	2	1198	2396
	40	10.0	2	328	656
	41	10.0	2	175	350
	42	10.0	2	143	286
	43	10.0	2	196	392
	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	2	289	578
	49	10.0	1	275	275
	50	10.0	1	315	315
	51	10.0	1	285	285
	52	10.0	1	164	164
	53	10.0	2	1073	2146
	54	10.0	3	296	888
	55	10.0	1	205	205
	56	10.0	2	433	866
	57	12.5	1	220	220
	58	12.5	1	260	260
	59	12.5	2	1197	2394
	60	12.5	2	1200	2400
	61	12.5	2	1059	2118
	62	12.5	2	226	452

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	13.9	3.7
	8.0	134.5	58.4
	10.0	733.5	497.4
	12.5	78.5	83.1
CA60	5.0	1418.7	240.5
PESO TOTAL (kg)			
CA50	642.6		
CA60	240.5		

Volume de concreto (C-30) = 18.39 m³
Área de forma = 172.31 m²