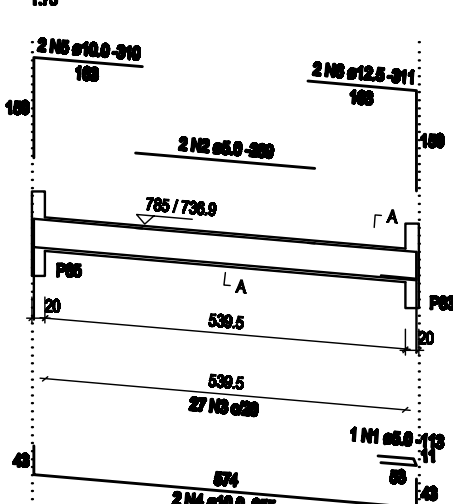
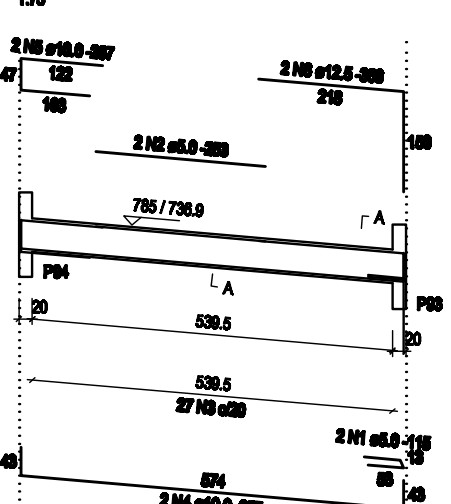


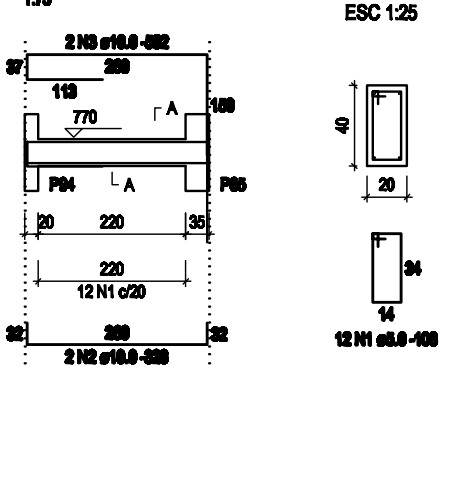
VR1 (18 x 50)



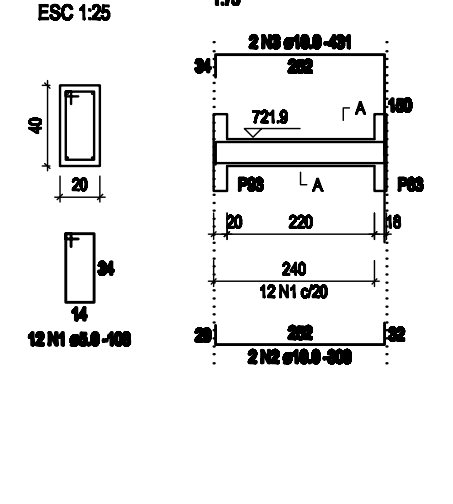
VR2 (20 x 50)



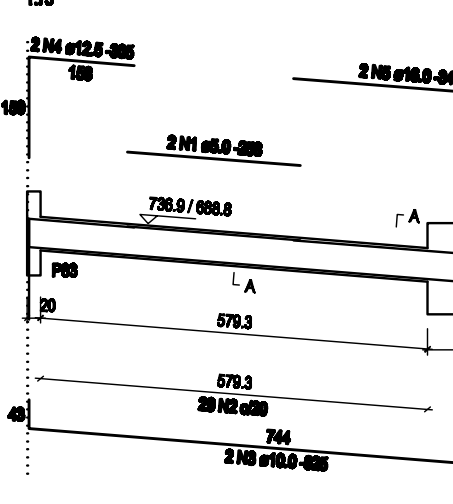
VR3 (20 x 40)



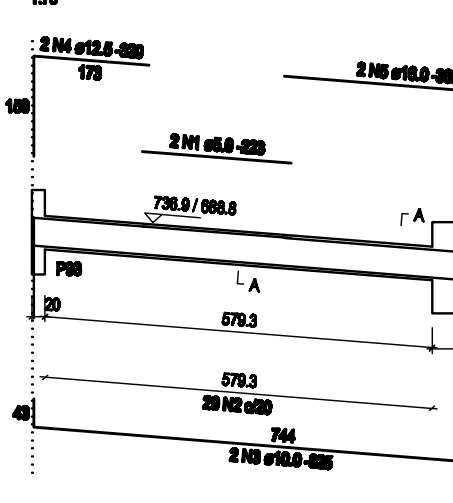
VR4 (20 x 40)



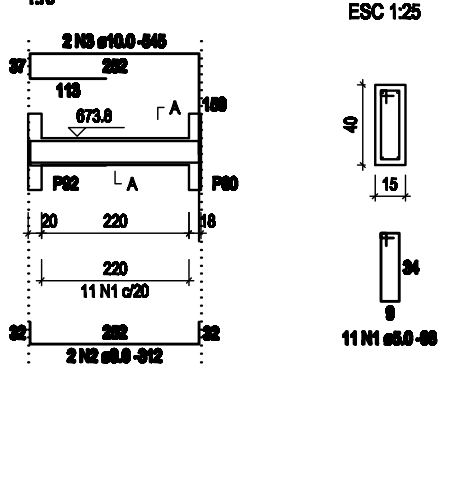
VR5 (18 x 50)



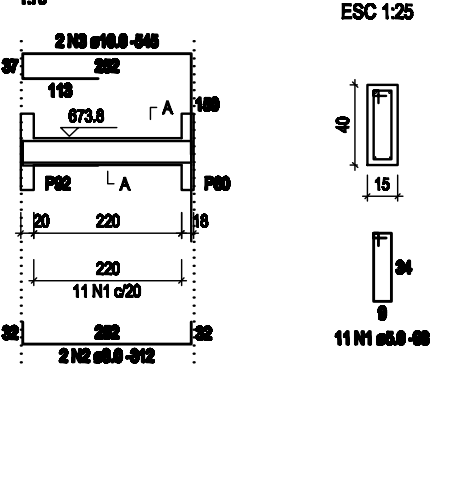
VR6 (20 x 50)



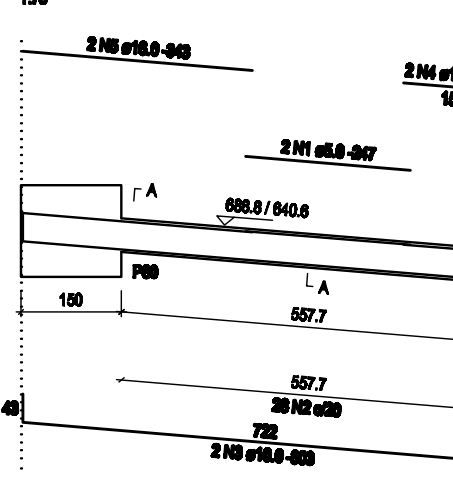
VR7 (15 x 40)



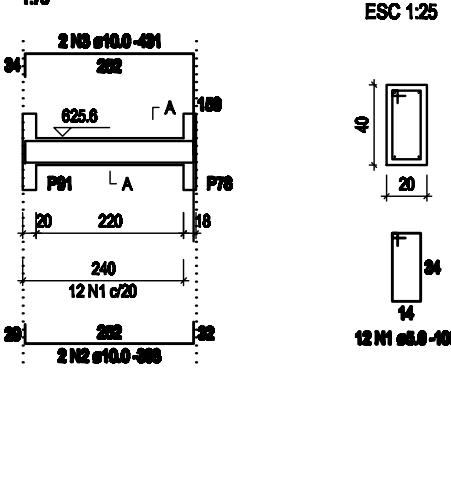
VR8 (15 x 40)



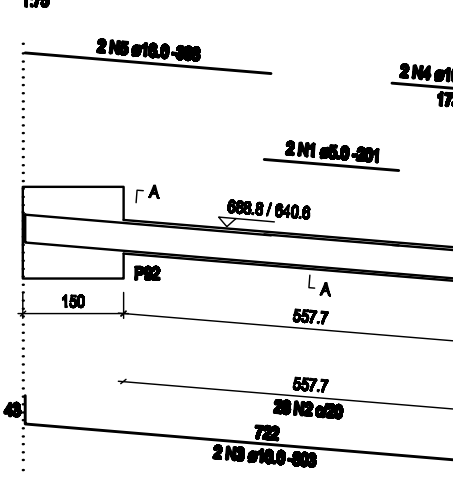
VR9 (18 x 50)



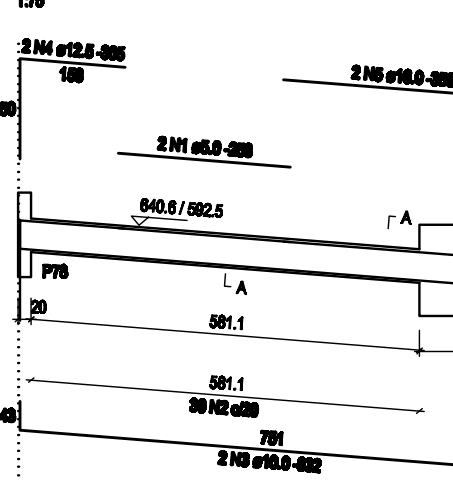
VR11 (20 x 40)



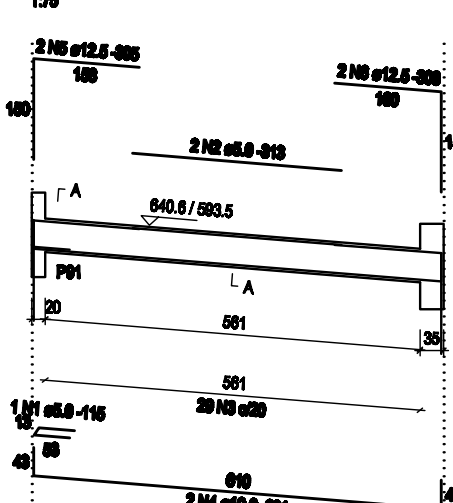
VR10 (20 x 50)



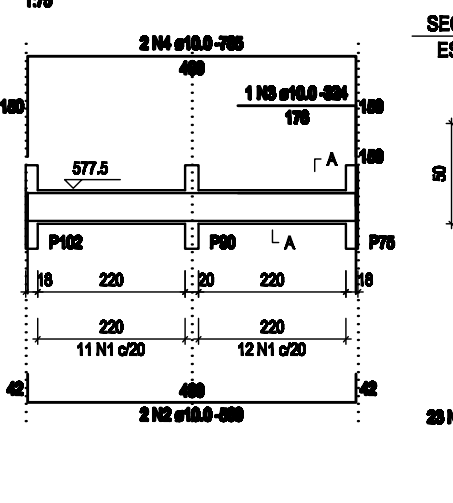
VR12 (18 x 50)



VR13 (20 x 50)



VR14 (15 x 50)



Resumo do apo

APQ	DIAM	C.TOTAL	PESO
CAPO	8,0	12,5	4,9
CAPO	10,0	370,3	232
CAPO	12,5	74,5	12
CAPO	15,0	88,9	89,7
CAPO	5,0	672,2	105,6
PESO TOTAL			

Vol. de concreto total (C-20) = 10,35 m³

Área de forma total = 154,1 m²

Relação do apo

ELEMENTO	APQ	K	DIAM	Q	UNIT	C.TOTAL
VR1	CAPO	1	8,0	1	113	113
	CAPO	2	8,0	2	226	226
	CAPO	3	8,0	2	226	226
	CAPO	4	10,0	2	368	368
	CAPO	5	10,0	2	368	368
VR2	CAPO	1	8,0	2	113	113
	CAPO	2	8,0	2	226	226
	CAPO	3	8,0	2	226	226
	CAPO	4	10,0	2	368	368
	CAPO	5	10,0	2	368	368
VR3	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR4	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR5	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR6	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR7	CAPO	1	8,0	11	96	96
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR8	CAPO	1	8,0	11	96	96
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR9	CAPO	1	8,0	11	96	96
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR10	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR11	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR12	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR13	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR14	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR15	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR16	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR17	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR18	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR19	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR20	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR21	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR22	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR23	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR24	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR25	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR26	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR27	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR28	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336
VR29	CAPO	1	8,0	12	108	108
	CAPO	2	10,0	2	368	368
	CAPO	3	10,0	2	368	368
	CAPO	4	12,5	2	300	300
	CAPO	5	15,0	2	336	336

Relação do apo

ELEMENTO	APQ	N	DIAM	Q	UNIT	C.TOTAL
VR24	CAPO	1	5,0	12	108	126
	CAPO	2	10,0	2	311	622
	CAPO	3	10,0	2	346	1000
	CAPO	4	12,5	2	283	566
	CAPO	5	15,0	2	346	692
VR25	CAPO	1	5,0	2	283	566
	CAPO	2	10,0	2	346	692
	CAPO	3	10,0	2	346	692
	CAPO	4	12,5	2	300	600
	CAPO	5	15,0	2	346	692
VR26	CAPO	1	5,0	2	283	566
	CAPO	2	10,0	2	346	692
	CAPO	3	10,0	2	346	692
	CAPO	4	12,5	2	300	600
	CAPO	5	15,0	2	346	692
VR27	CAPO	1	5,0	2	283	566
	CAPO	2	10,0	2	346	692
	CAPO	3	10,0	2	346	692
	CAPO	4	12,5	2	300	600
	CAPO	5	15,0	2	346	692
VR28	CAPO	1	5,0	2	283	566
	CAPO	2	10,0	2	346	692
	CAPO	3	10,0	2	346	692
	CAPO	4	12,5	2	300	600
	CAPO	5	15,0	2	346	692
VR29	CAPO	1	5,0	2	283	566
	CAPO	2	10,0	2	346	692
	CAPO	3	10,0	2	346	692
	CAPO	4	12,5	2	300	600
	CAPO	5	15,0	2	346	692
VR30	CAPO	1	5,0	11	100	110
	CAPO	2	10,0	2	311	622
	CAPO	3	10,0	2	346	1000
	CAPO	4	12,5	2	283	566
	CAPO	5	15,0	2	346	692