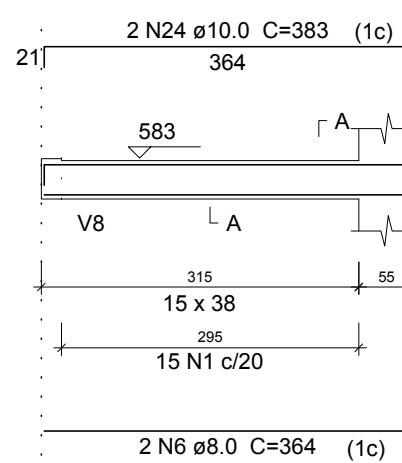


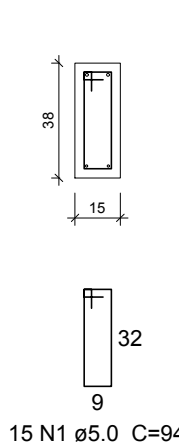
V49

ESC. 1:75



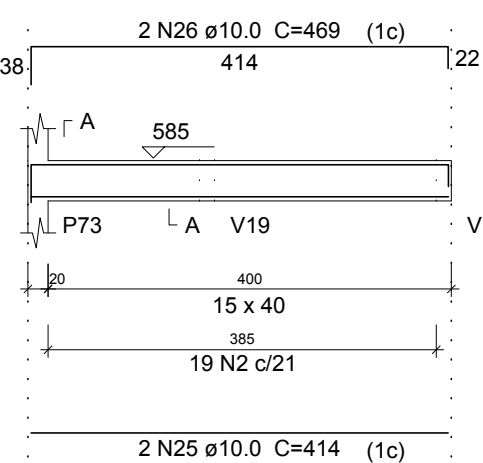
SEÇÃO A-A

ESC. 1:25



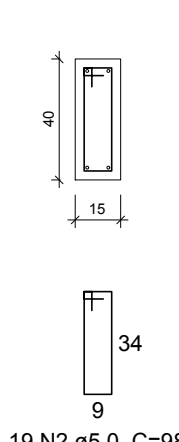
V50

ESC. 1:75



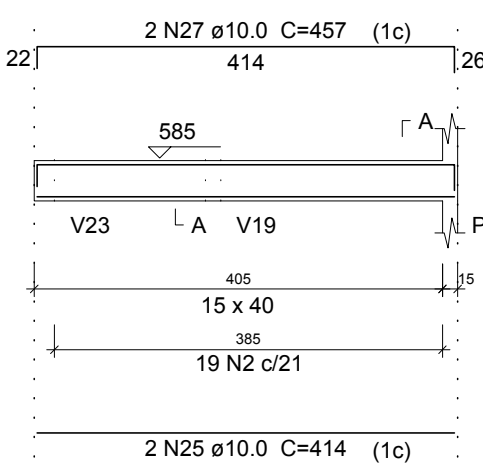
SEÇÃO A-A

ESC. 1:25



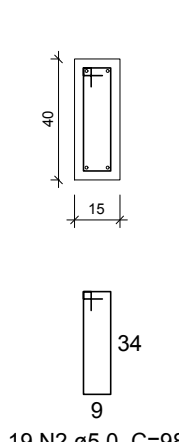
V51

ESC. 1:75



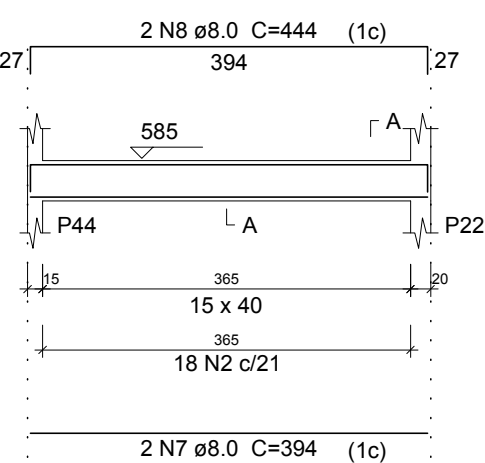
SEÇÃO A-A

ESC. 1:25



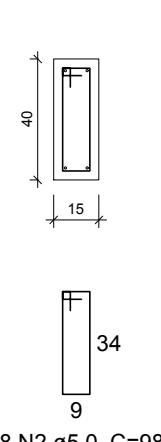
V52

ESC. 1:75



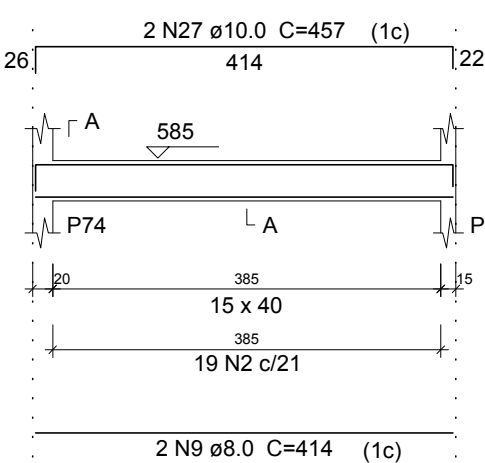
SEÇÃO A-A

ESC. 1:25



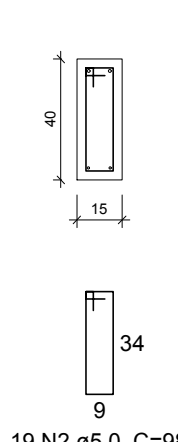
V53

ESC. 1:75



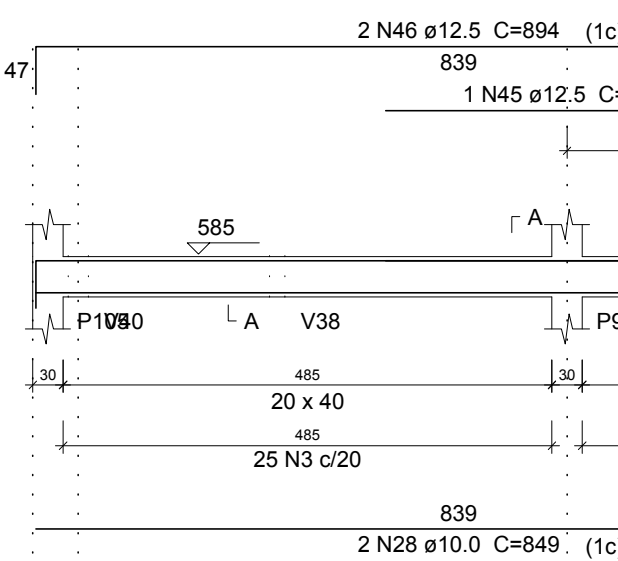
SEÇÃO A-A

ESC. 1:25



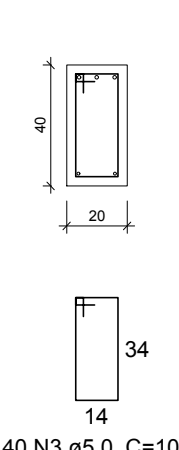
V54

ESC. 1:75



SEÇÃO A-A

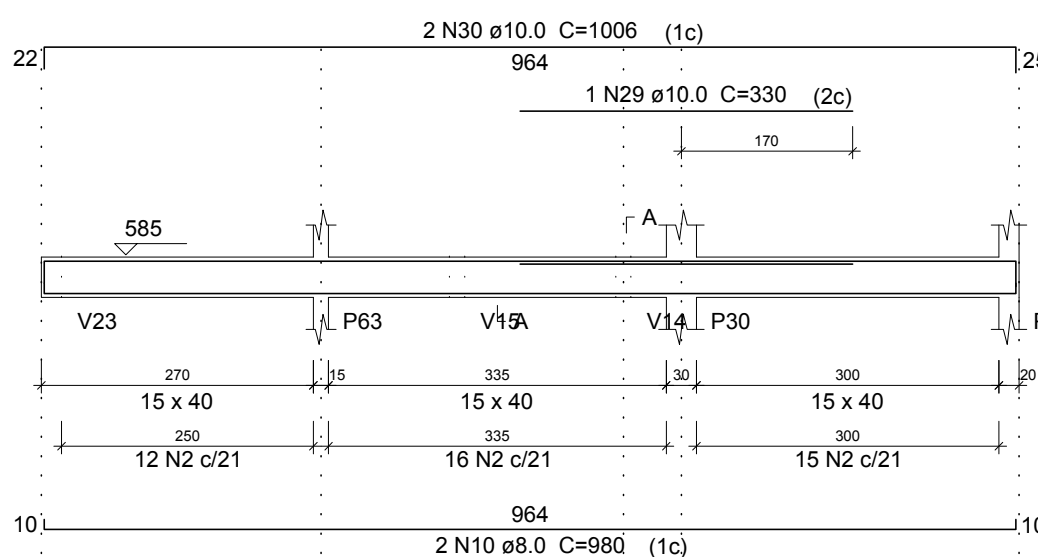
ESC. 1:25



40 N3 ø5.0 C=108

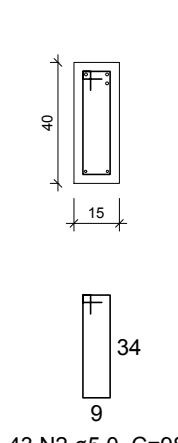
V55

ESC. 1:75



SEÇÃO A-A

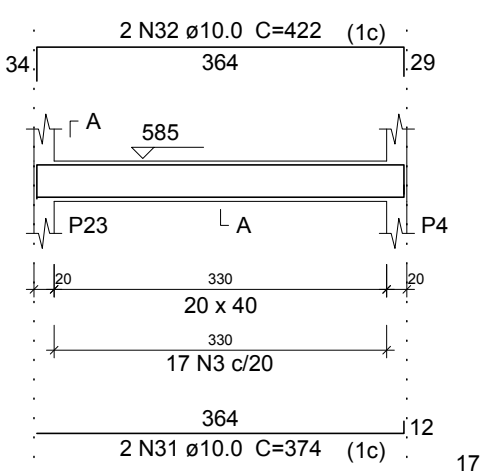
ESC. 1:25



43 N2 ø5.0 C=98

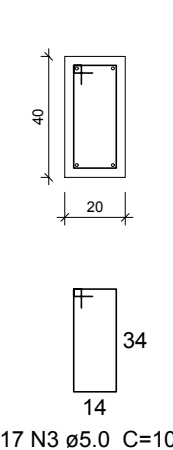
V56

ESC. 1:75



SEÇÃO A-A

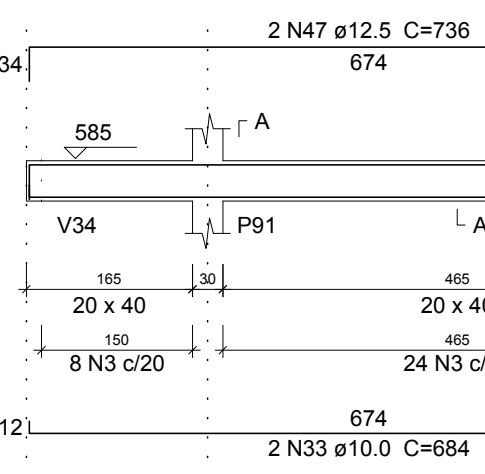
ESC. 1:25



17 N3 ø5.0 C=108

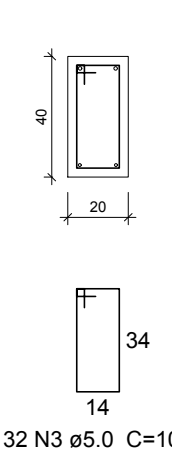
V57

ESC. 1:75



SEÇÃO A-A

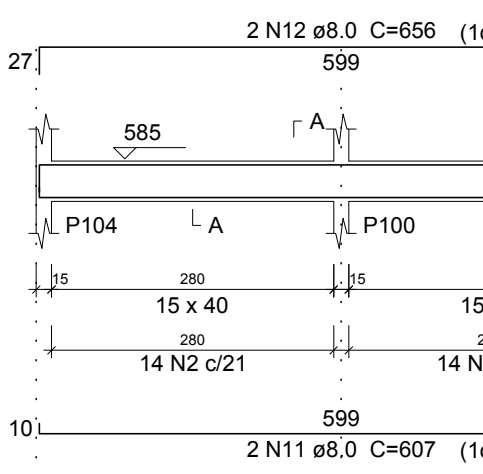
ESC. 1:25



32 N3 ø5.0 C=108

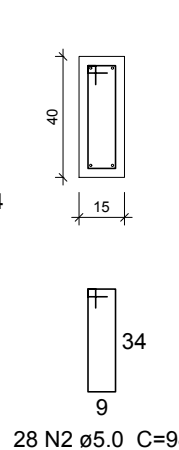
V58

ESC. 1:75



SEÇÃO A-A

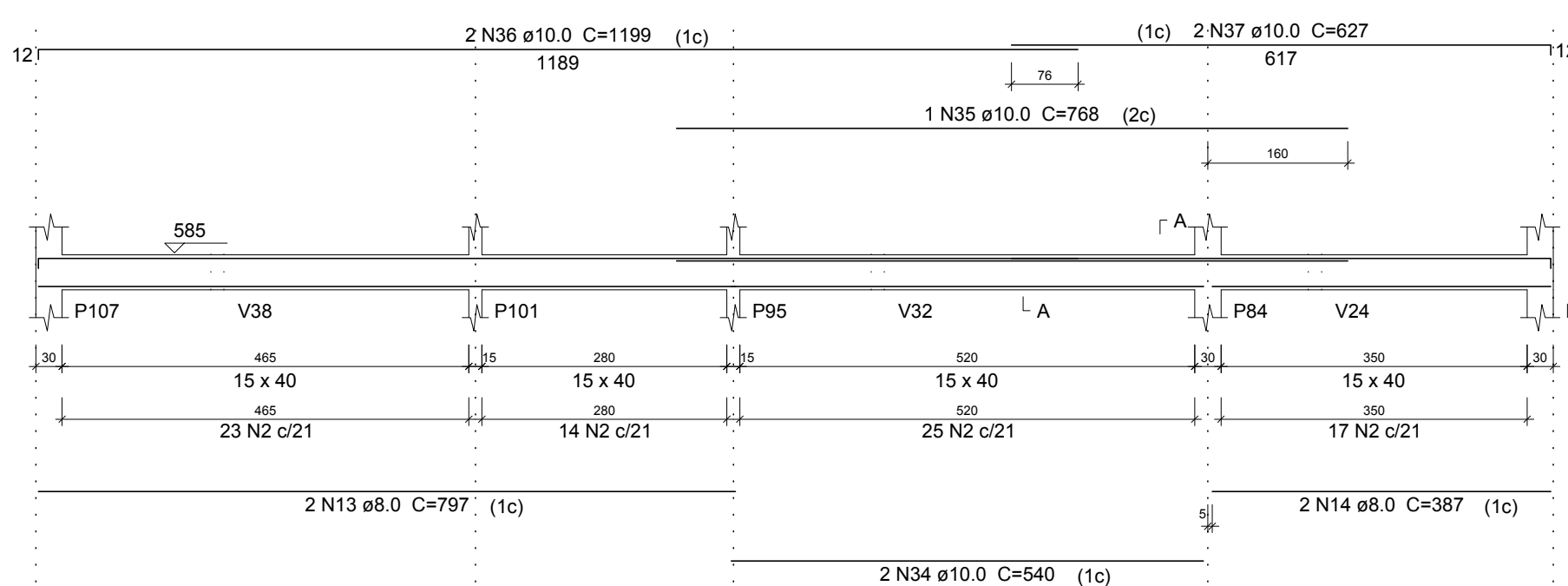
ESC. 1:25



28 N2 ø5.0 C=98

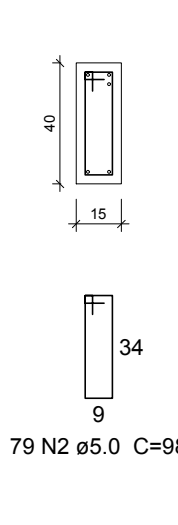
V59

ESC. 1:75



SEÇÃO A-A

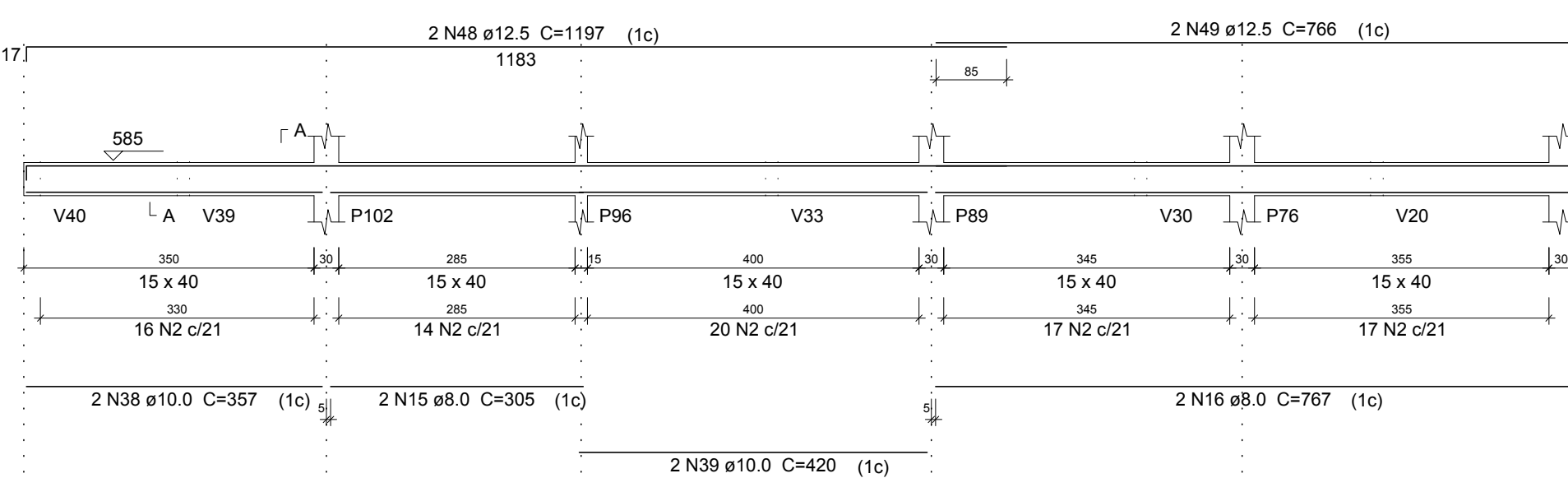
ESC. 1:25



79 N2 ø5.0 C=98

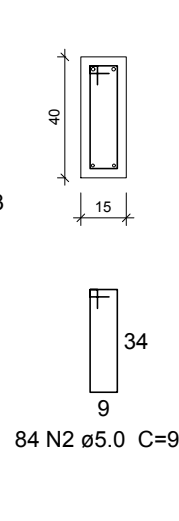
V60

ESC. 1:75



SEÇÃO A-A

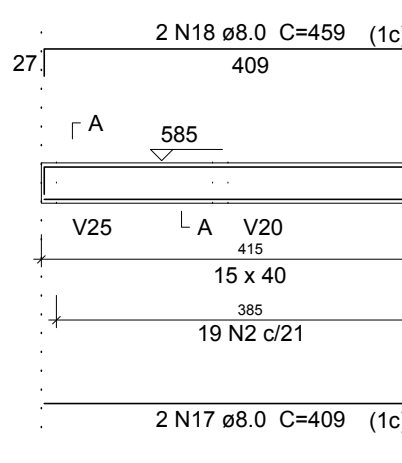
ESC. 1:25



84 N2 ø5.0 C=98

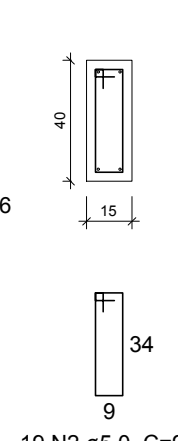
V61

ESC. 1:75



SEÇÃO A-A

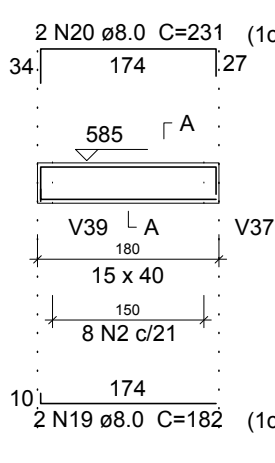
ESC. 1:25



19 N2 ø5.0 C=98

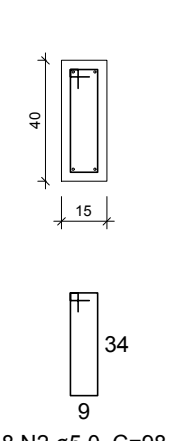
V62

ESC. 1:75



SEÇÃO A-A

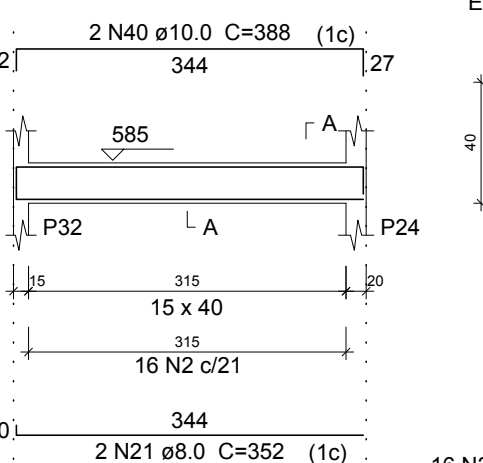
ESC. 1:25



8 N2 ø5.0 C=98

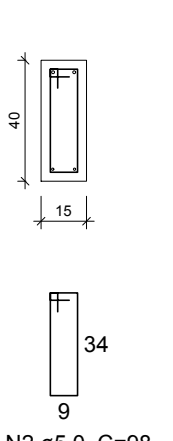
V63

ESC. 1:75



SEÇÃO A-A

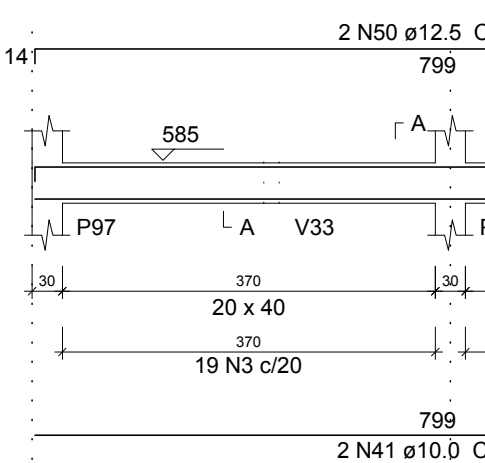
ESC. 1:25



16 N2 ø5.0 C=98

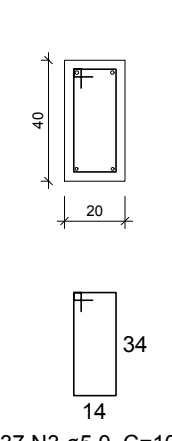
V64

ESC. 1:75



SEÇÃO A-A

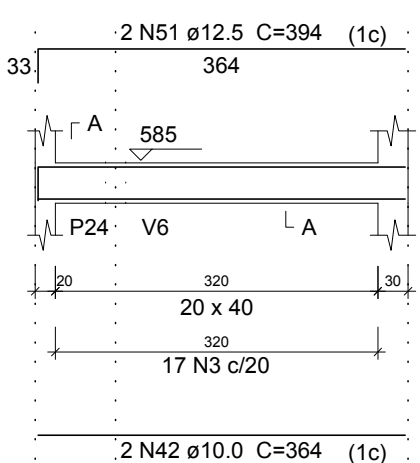
ESC. 1:25



37 N3 ø5.0 C=108

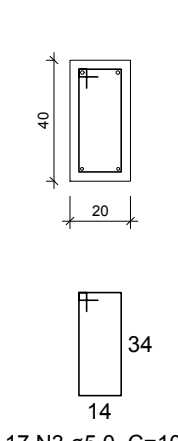
V65

ESC. 1:75



SEÇÃO A-A

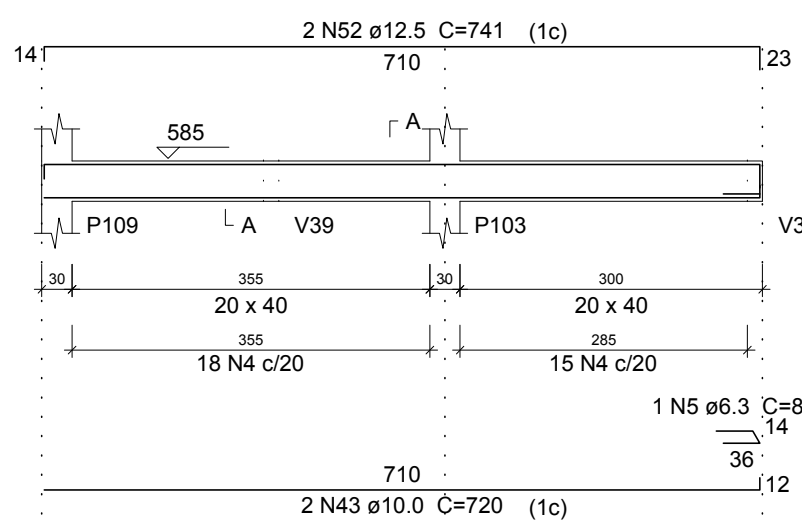
ESC. 1:25



17 N3 ø5.0 C=108

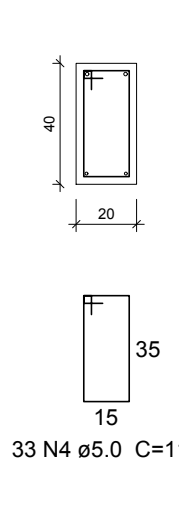
V66

ESC. 1:75



SEÇÃO A-A

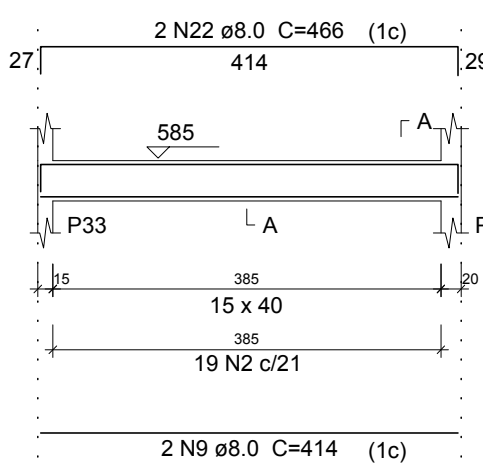
ESC. 1:25



33 N4 ø5.0 C=112

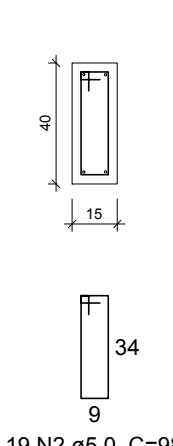
V67

ESC. 1:75



SEÇÃO A-A

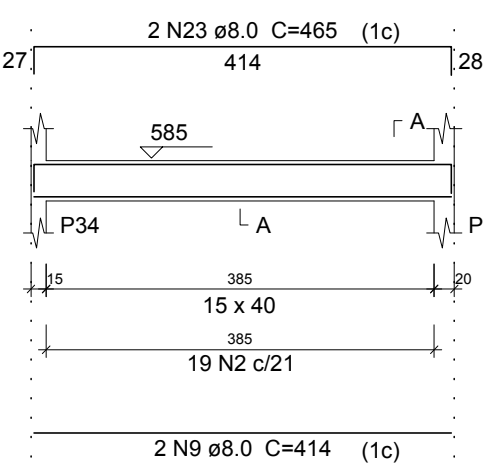
ESC. 1:25



19 N2 ø5.0 C=98

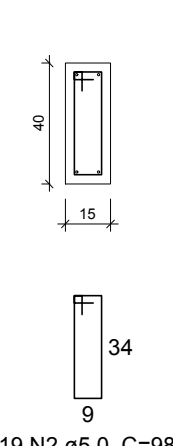
V68

ESC. 1:75



SEÇÃO A-A

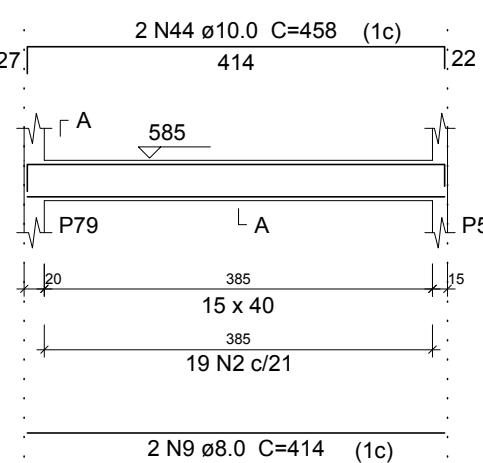
ESC. 1:25



19 N2 ø5.0 C=98

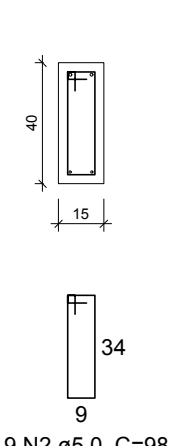
V69

ESC. 1:75



SEÇÃO A-A

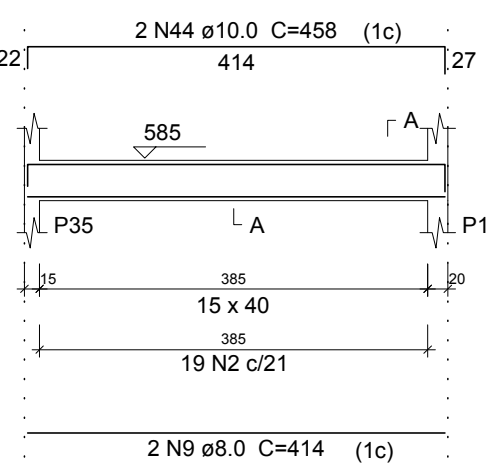
ESC. 1:25



19 N2 ø5.0 C=98

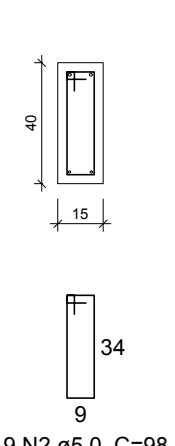
V70

ESC. 1:75



SEÇÃO A-A

ESC. 1:25



19 N2 ø5.0 C=98

Relação do aço

ACO	N	DIAM (mm)	QUANT (Barra)	UNIT (cm)	C.TOTAL (cm)
V49	1	5.0	15	94	1410
V52	2	5.0	428	98	41944
V55	3	5.0	143	108	15444
V58	4	5.0	33	112	3696
V61	5	6.3	1	82	82
V64	6	8.0	2	364	728
V67	7	8.0	2	394	788
V70	8	8.0	2	444	888
	9	8.0	10	414	4140
	10	8.0	2	980	1960
	11	8.0	2	607	1214
	12	8.0	2	656	1312
	13	8.0	2	797	1594
	14	8.0	2	387	774
	15	8.0	2	305	610
	16	8.0	2	767	1534
	17	8.0	2	409	818
	18	8.0	2	459	918
	19	8.0	2	182	364
	20	8.0	2	231	462
	21	8.0	2	352	704
	22	8.0	2	466	932
	23	8.0	2	465	930
	24	10.0	2	383	766
	25	10.0	4	414	1656
	26	10.0	2	469	938
	27	10.0	4	457	1828
	28	10.0	2	849	1698
	29	10.0	1	330	330
	30	10.0	2	1006	2012
	31	10.0	2	374	748
	32	10.0	2	422	844
	33	10.0	2	684	1368
	34	10.0	2	540	1080
	35	10.0	1	768	768
	36	10.0	2	1199	2398
	37	10.0	2	627	1254
	38	10.0	2	357	714
	39	10.0	2	420	840
	40	10.0	2	388	776
	41	10.0	2	809	1618
	42	10.0	2	364	728
	43	10.0	2	720	1440
	44	10.0	4	458	1832
	45	12.5	1	355	355
	46	12.5	2	894	1788
	47	12.5	2	736	1472
	48	12.5	2	1197	2394
	49	12.5	2	766	1532
	50	12.5	2	821	1642
	51	12.5	2	394	788
	52	12.5	2	741	1482

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	0.9	0.2
	8.0	206.7	89.7
	10.0	256.4	173.9
	12.5	114.6	121.4
CA60	5.0	625	106
PESO TOTAL (kg)			
CA50		385.2	
CA60		106	

Volume de concreto (C-25) = 8.92 m³
Área de forma = 131.13 m²

Equipe Técnica

Eng. Civil Dilnei de Freitas Jacinto
Eng. Civil Jacon Jeremias
Eng. Eletricista Edénir Vieira
Eng. Mecânico e Seg. do Trabalho Mario Cesar Osorio
Arq. Urbanista Andrea Patricia Martins de Souza
Acad. de Engenharia Civil Evair da Silva Borges
Acad. de Arq. e Urbanismo Vinicius Souza

E + Plan Engenharia Ltda Me - CNPJ:15.018.870/0001-65
Registro no CREA/SC: 127.622-8
www.emais.eng.br - contato@emais.eng.br - (48)3093-9350
Rua Najla Carone Goedert, nº 1080 - Sala 411 - Ed. City Office
Pagani - Palhoça - SC

Projeto

ESTRUTURAL

Obra

UBSF BAKITAS

Rua São Vicente S/N - Bairro Boa Vista - Joinville SC

Proprietário

Fundo Municipal de Saúde de Joinville
CNPJ:081848