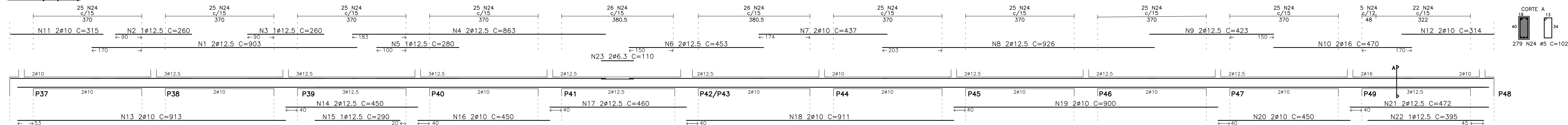
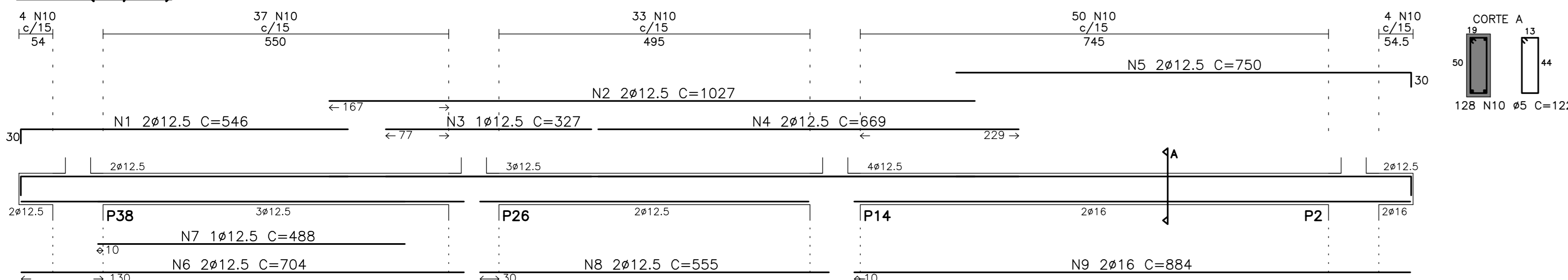


**VB17 (19/40)**

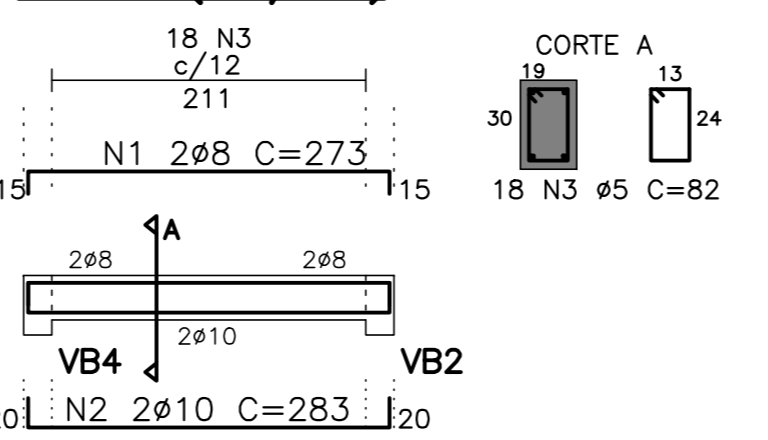


N	Q	UNI	TOTAL
1	12,5	2	903
2	12,5	2	260
3	12,5	1	280
4	12,5	1	863
5	12,5	1	280
6	12,5	2	437
7	10	2	874
8	12,5	2	1850
9	12,5	2	423
10	16	2	470
11	10	2	315
12	10	2	314
13	10	2	915
14	12,5	2	450
15	2,5	2	460
16	10	2	450
17	2,5	2	460
18	10	2	911
19	10	2	900
20	10	2	900
21	12,5	2	472
22	12,5	2	395
23	6,3	2	110
24	5	2	279
25	10	2	28458

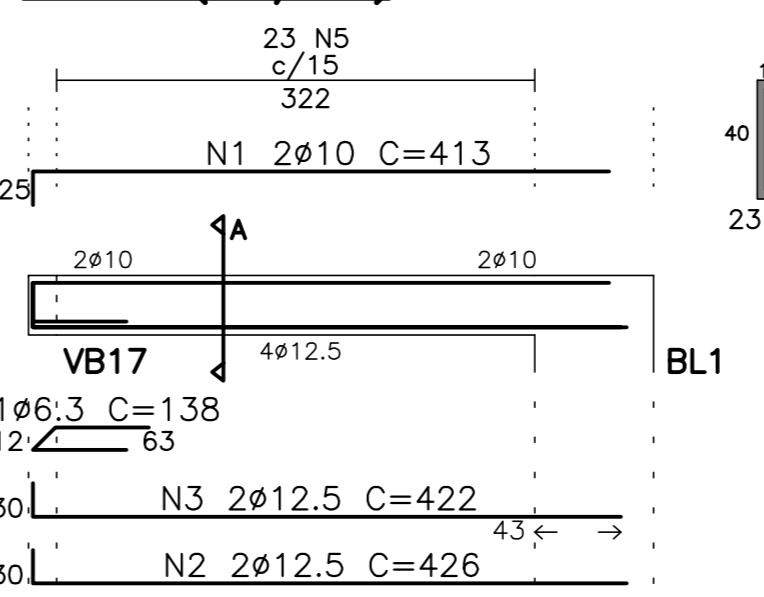
**VB19 (19/50)**



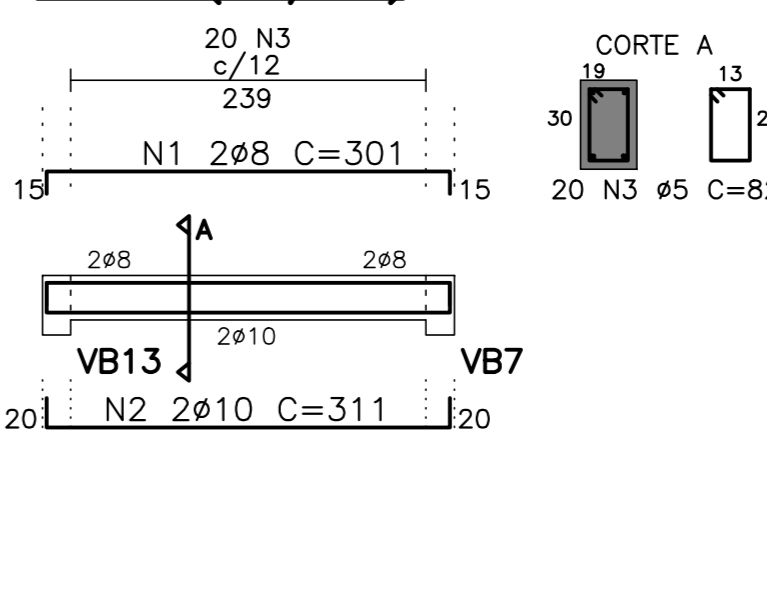
**VB25 (19/30)**



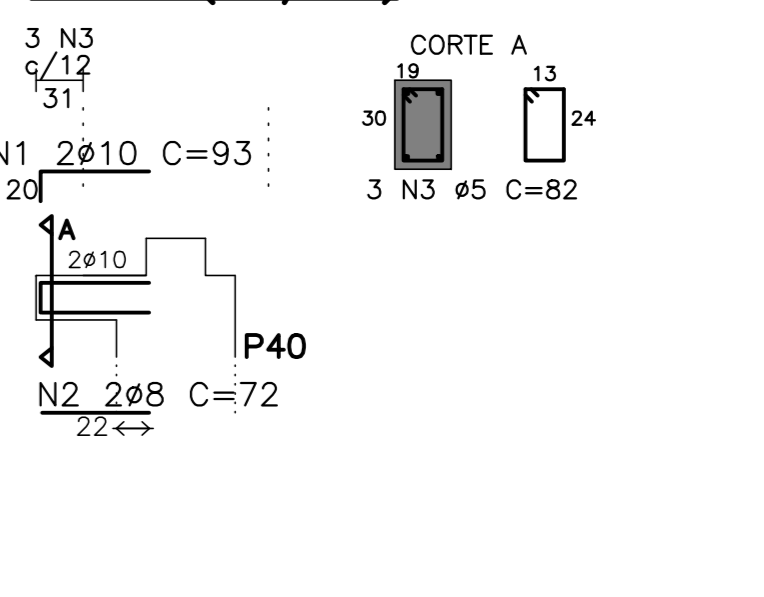
**VB26 (19/40)**



**VB27 (19/30)**

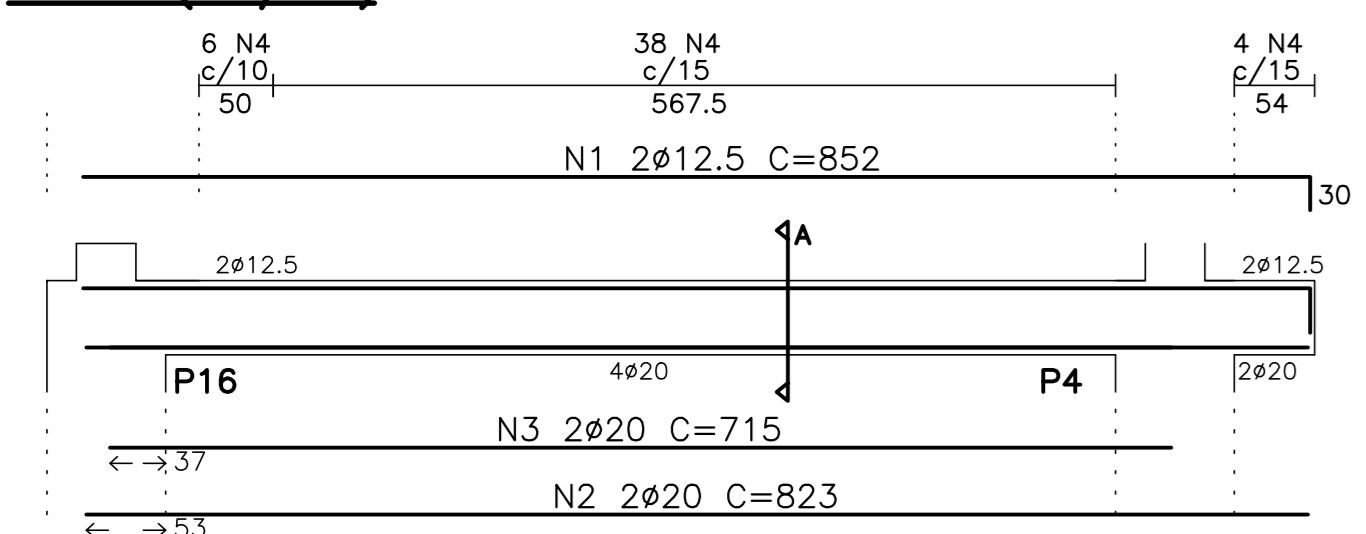


**VB28 (19/30)**

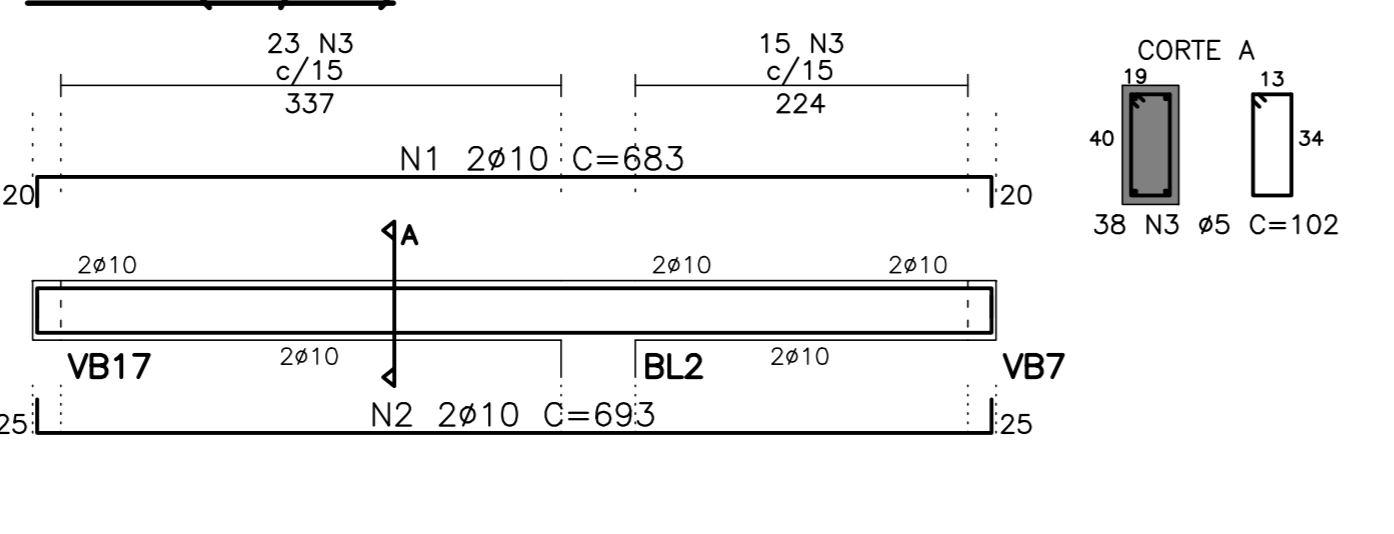


N	Q	UNI	TOTAL
1	12,5	2	548
2	12,5	2	1027
3	12,5	1	327
4	12,5	1	689
5	12,5	2	750
6	12,5	2	1500
7	12,5	2	1408
8	12,5	1	488
9	16	2	884
10	5	2	110
11	5	2	128
12	12,5	2	15616

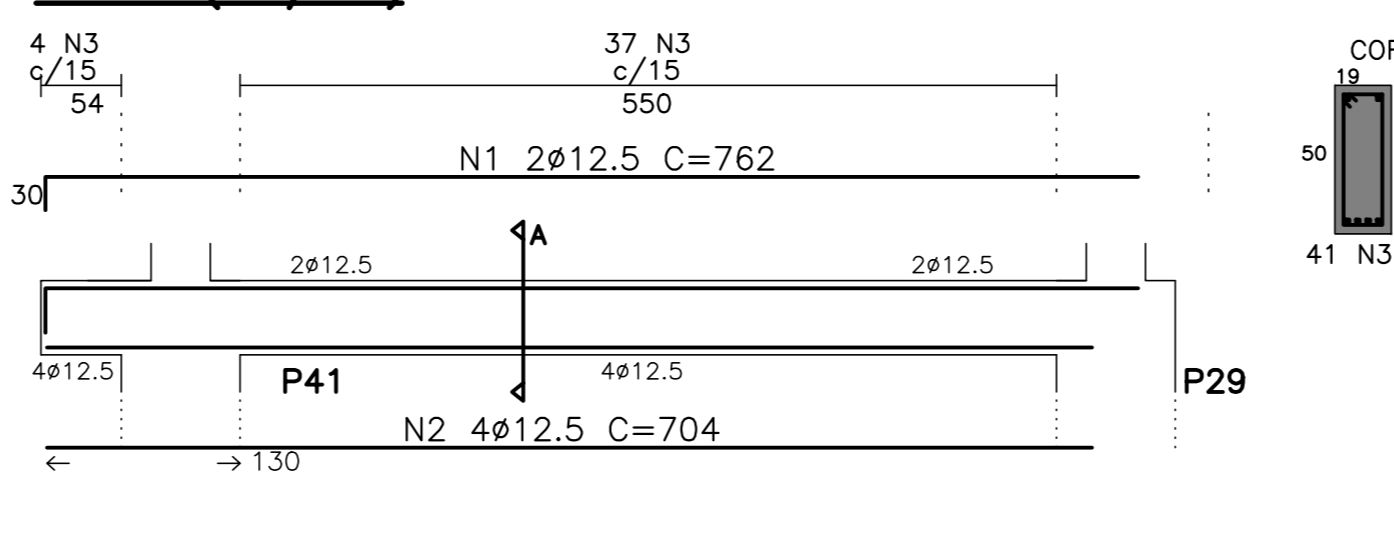
**VB29 (19/50)**



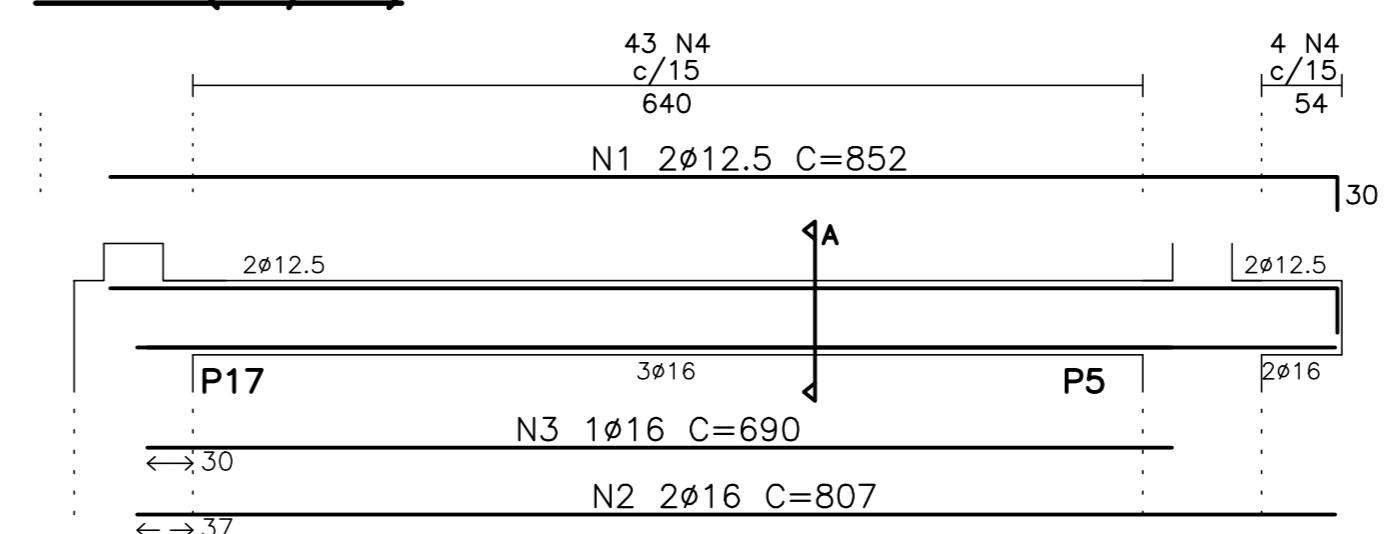
**VB30 (19/40)**



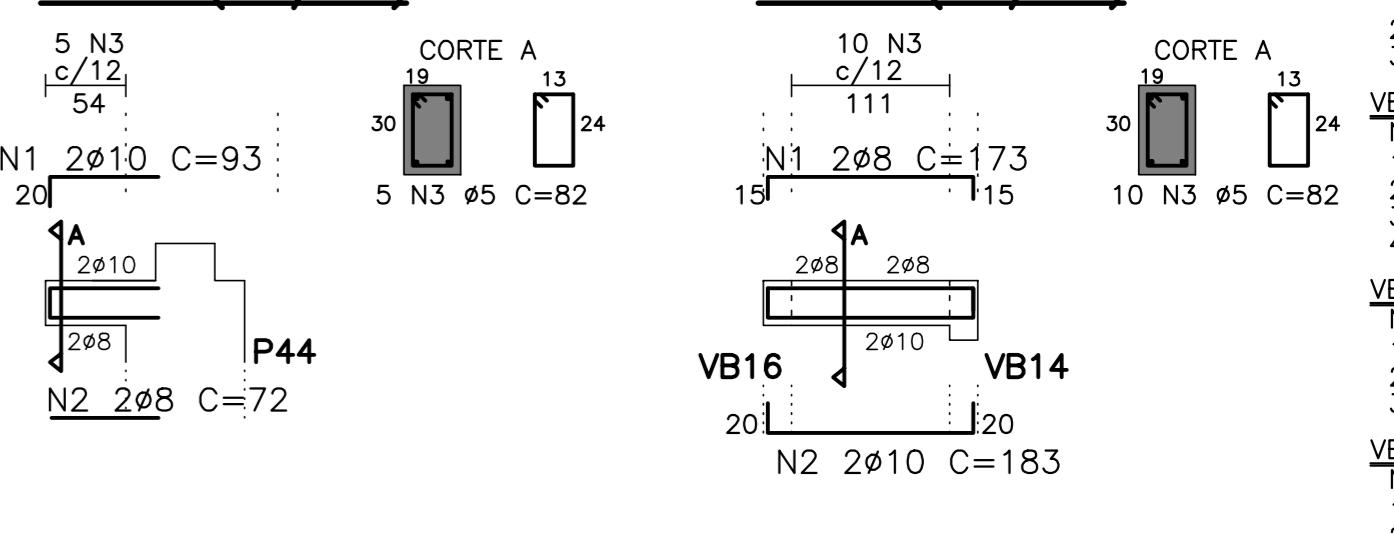
**VB31 (19/50)**



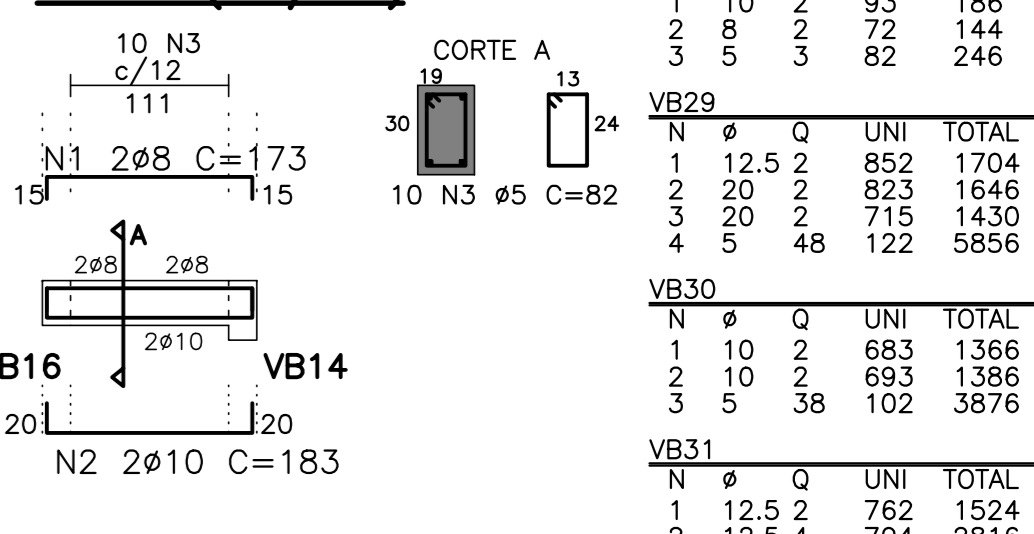
**VB32 (19/50)**



**VB36 (19/30)**

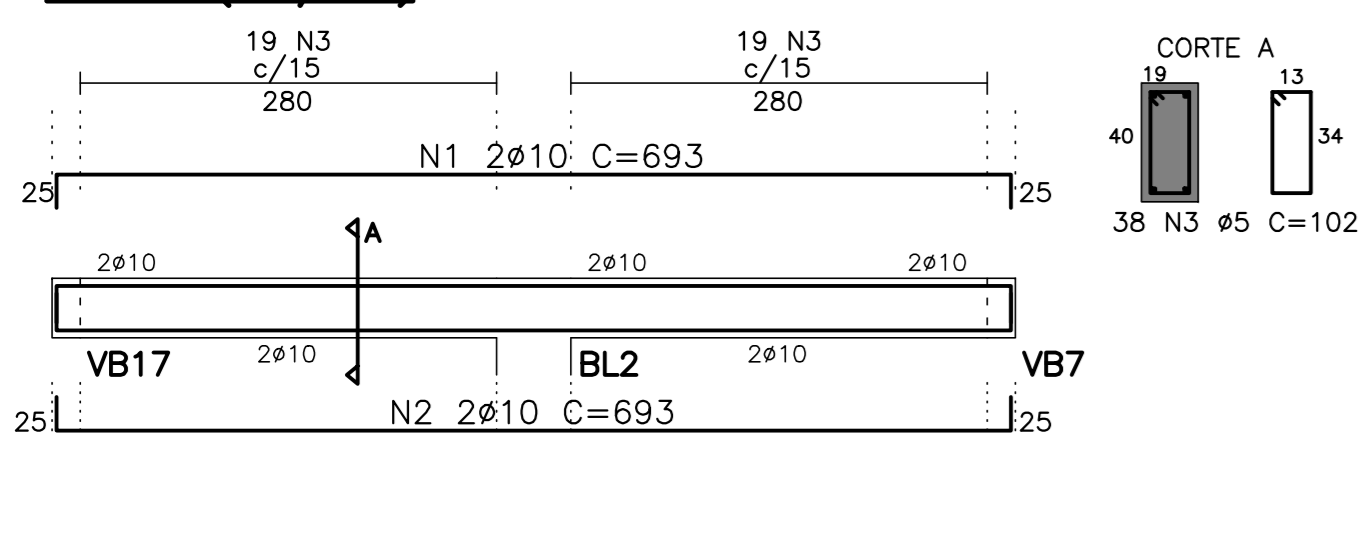


**VB47 (19/30)**

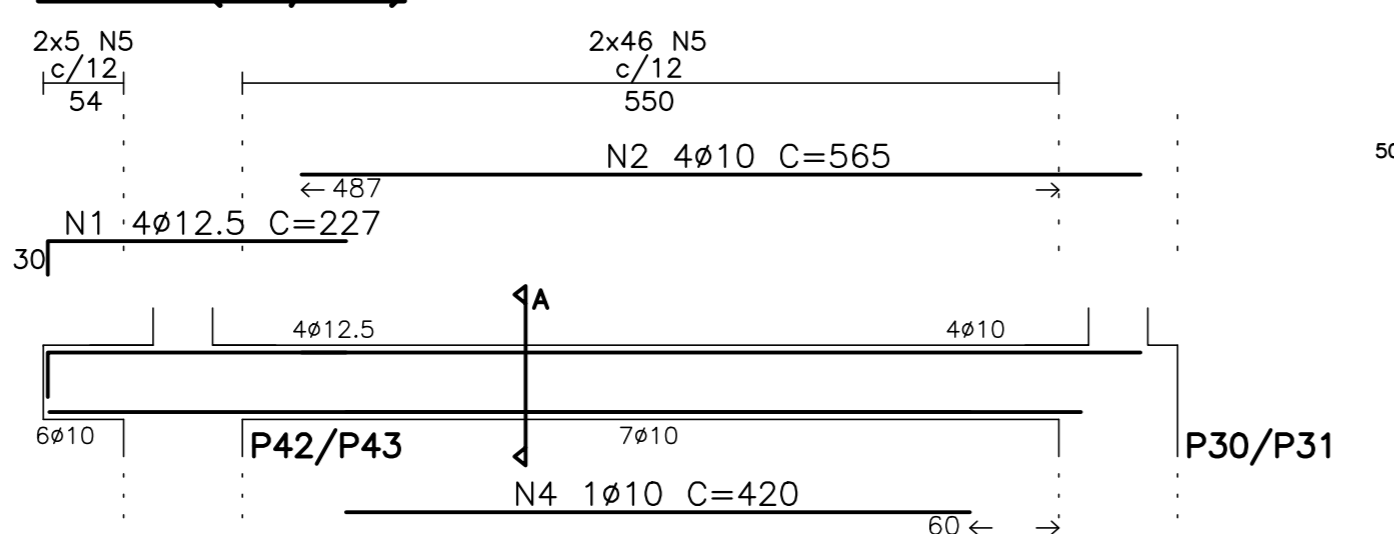


N	Q	UNI	TOTAL
1	10	2	93
2	10	2	144
3	5	3	82
4	5	3	246

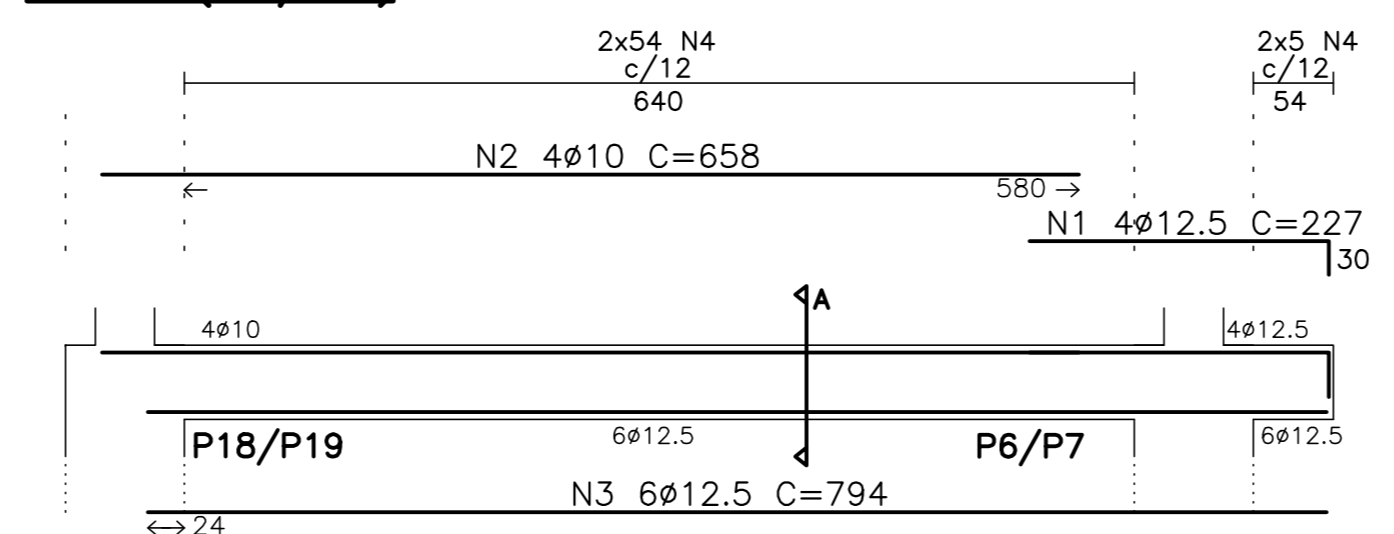
**VB33 (19/40)**



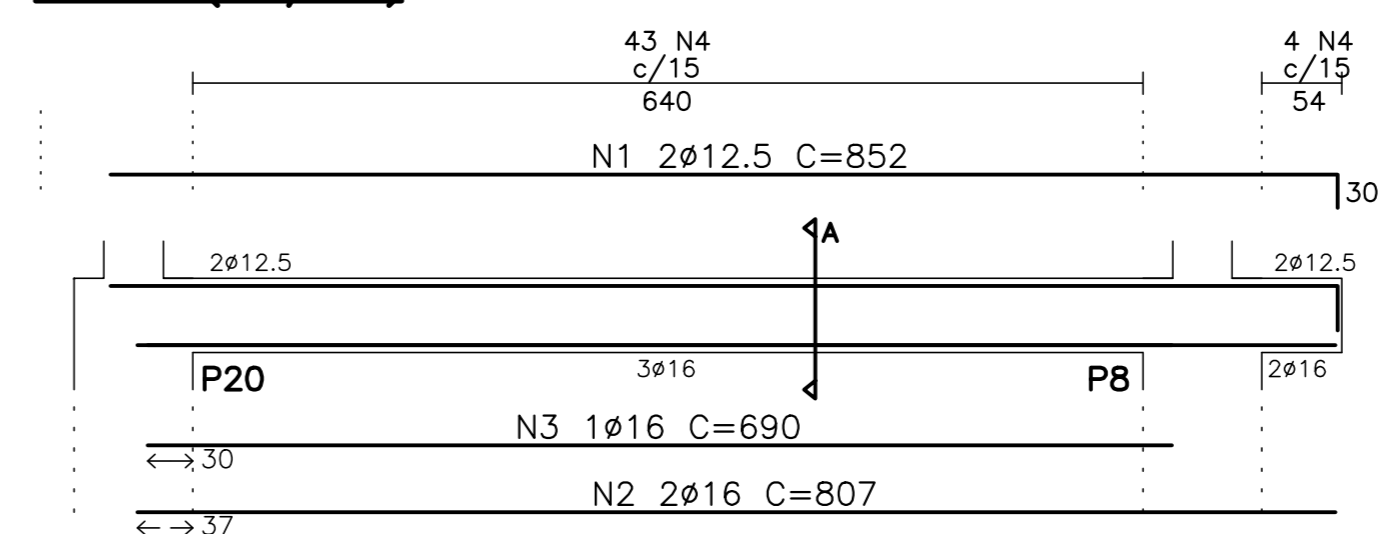
**VB34 (40/50)**



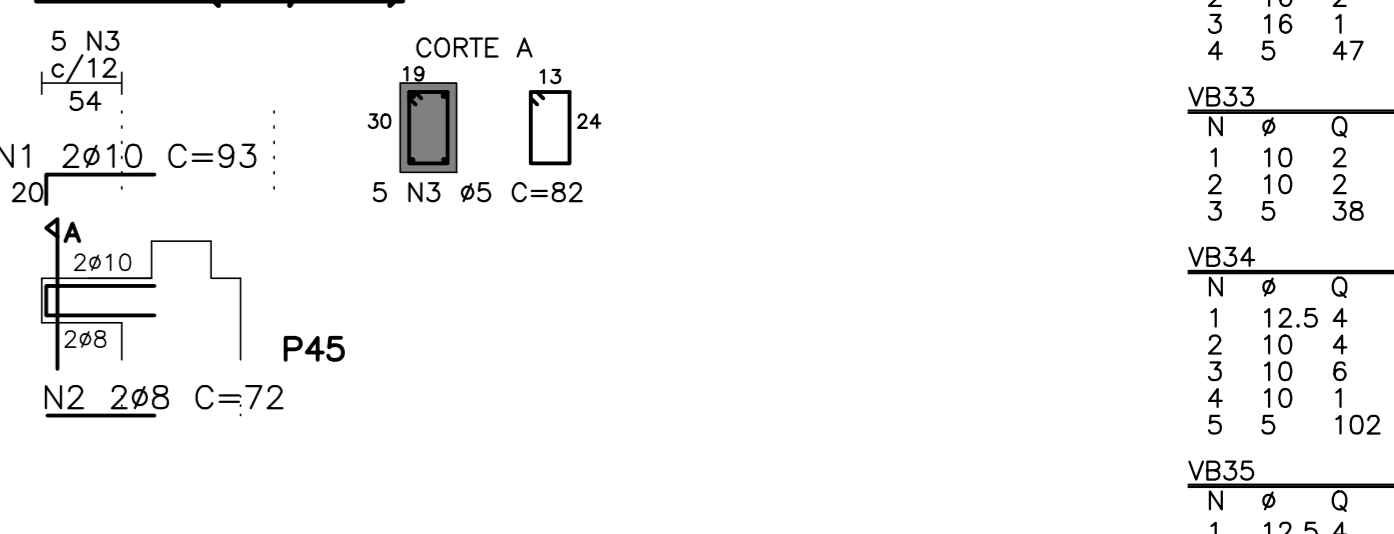
**VB35 (40/50)**



**VB37 (19/50)**

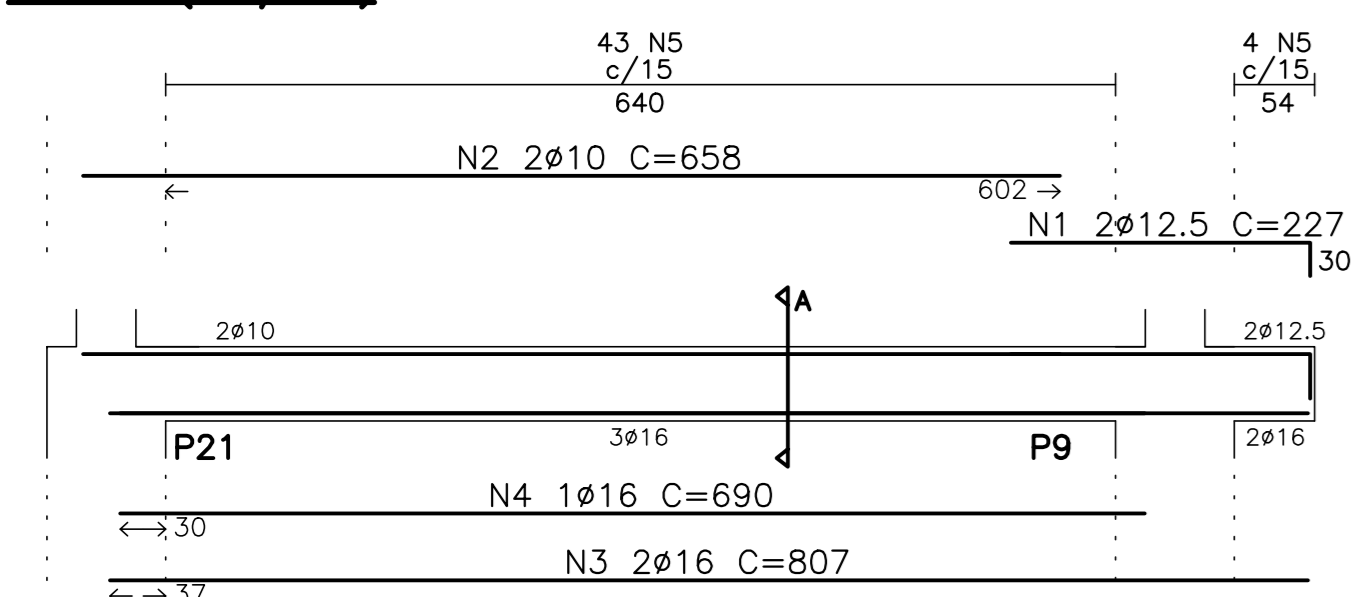


**VB38 (19/30)**

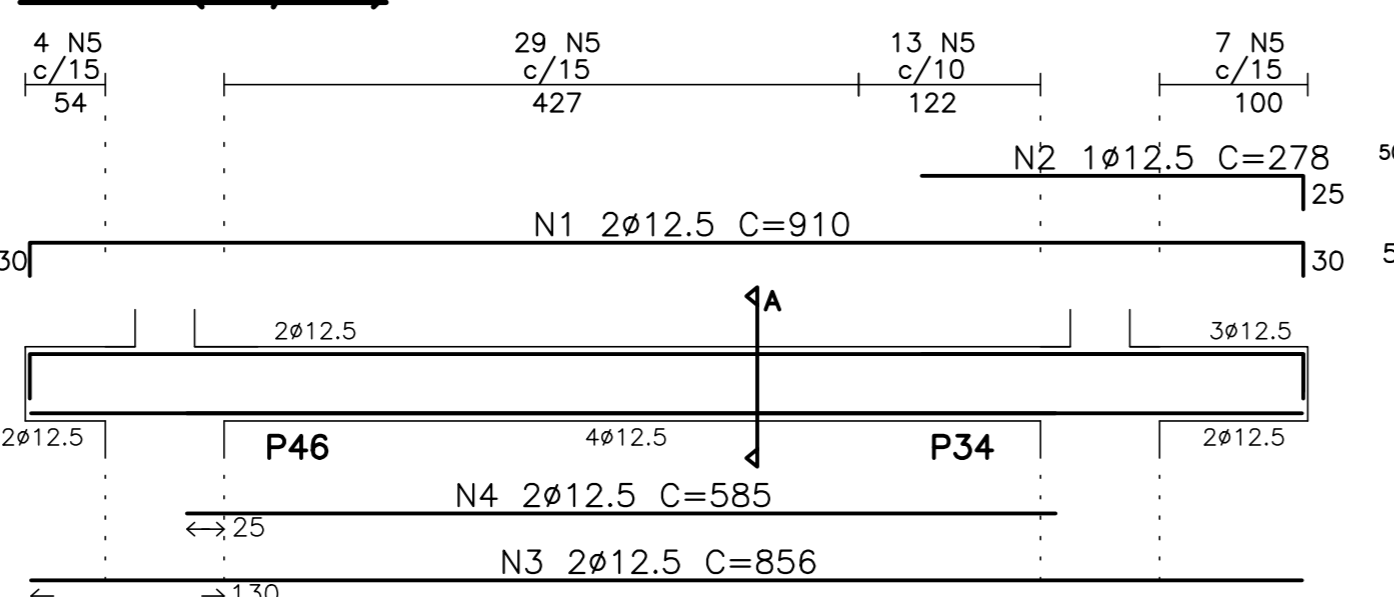


N	Q	UNI	TOTAL
1	12,5	2	762
2	12,5	4	1524
3	12,5	4	704
4	5	41	5002

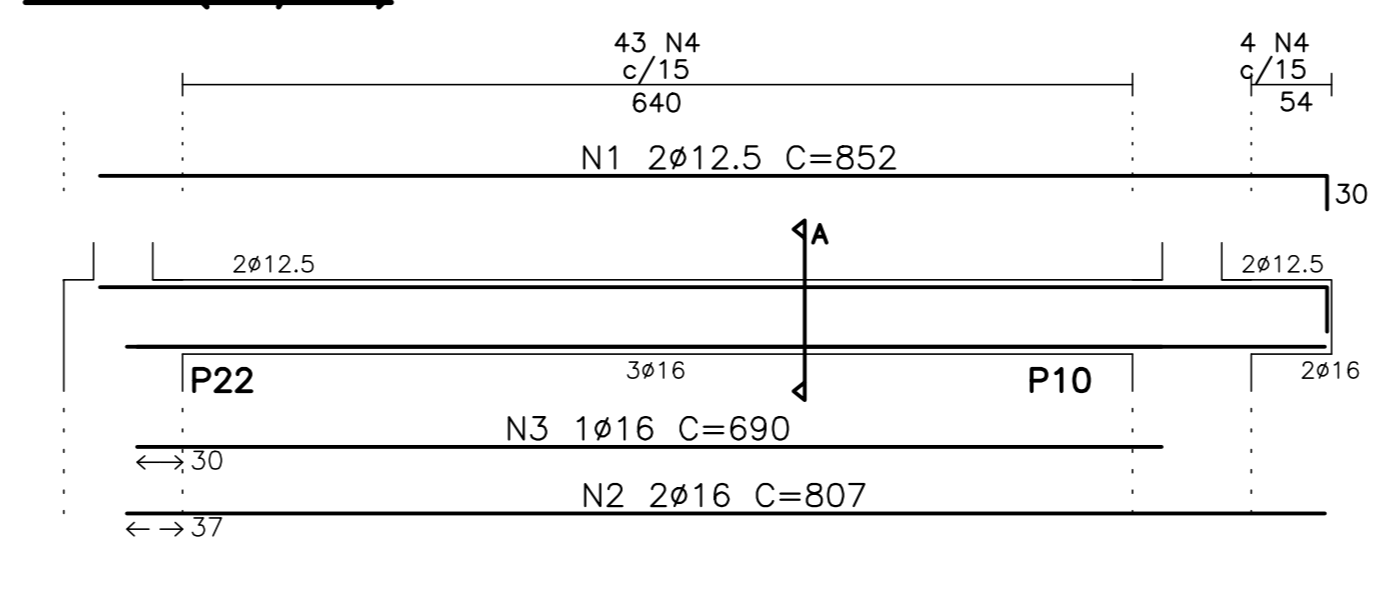
**VB39 (19/50)**



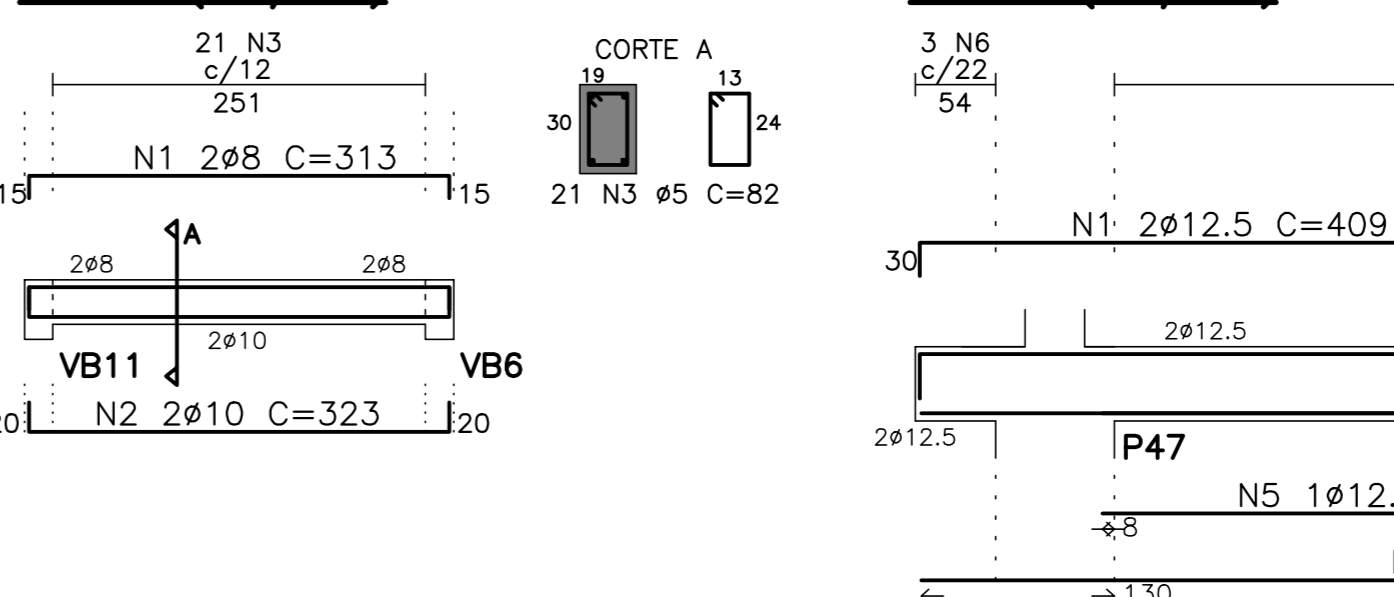
**VB40 (19/50)**



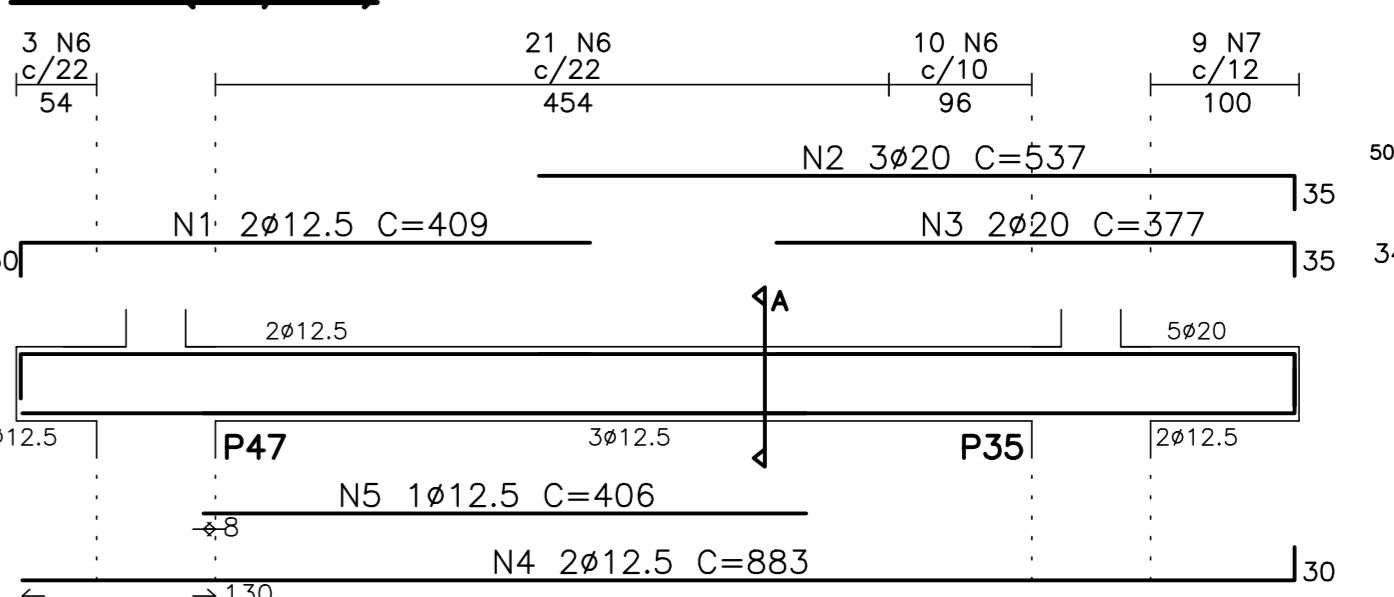
**VB41 (19/50)**



**VB42 (19/30)**

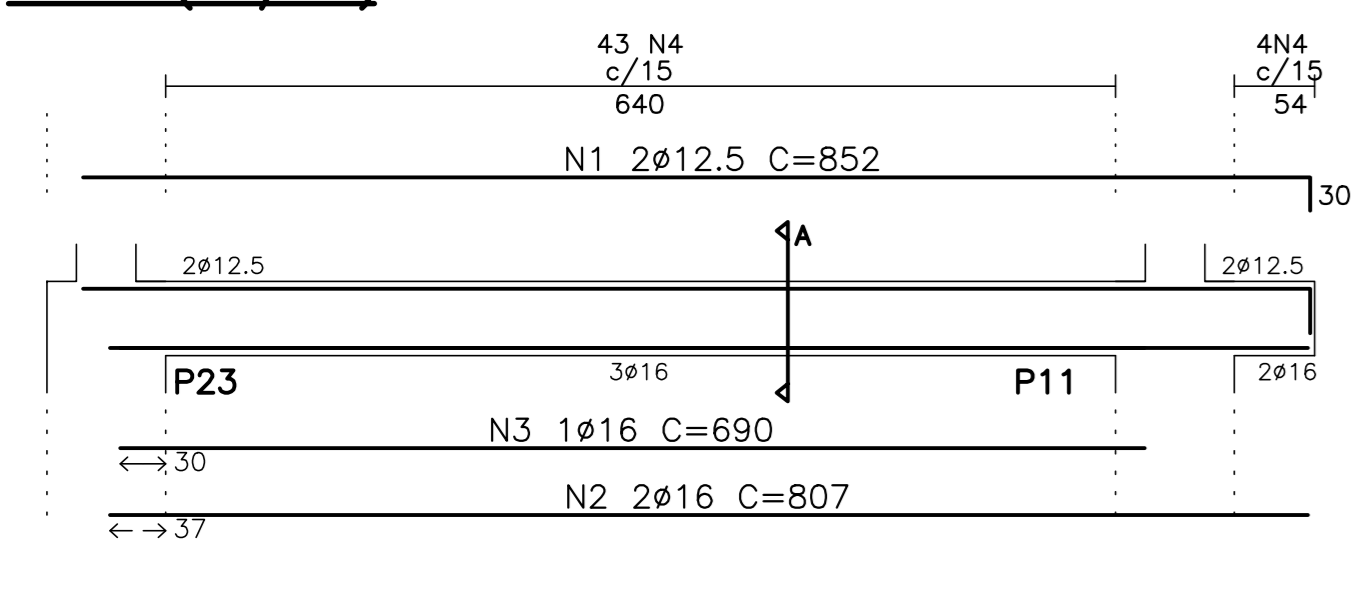


**VB43 (19/50)**

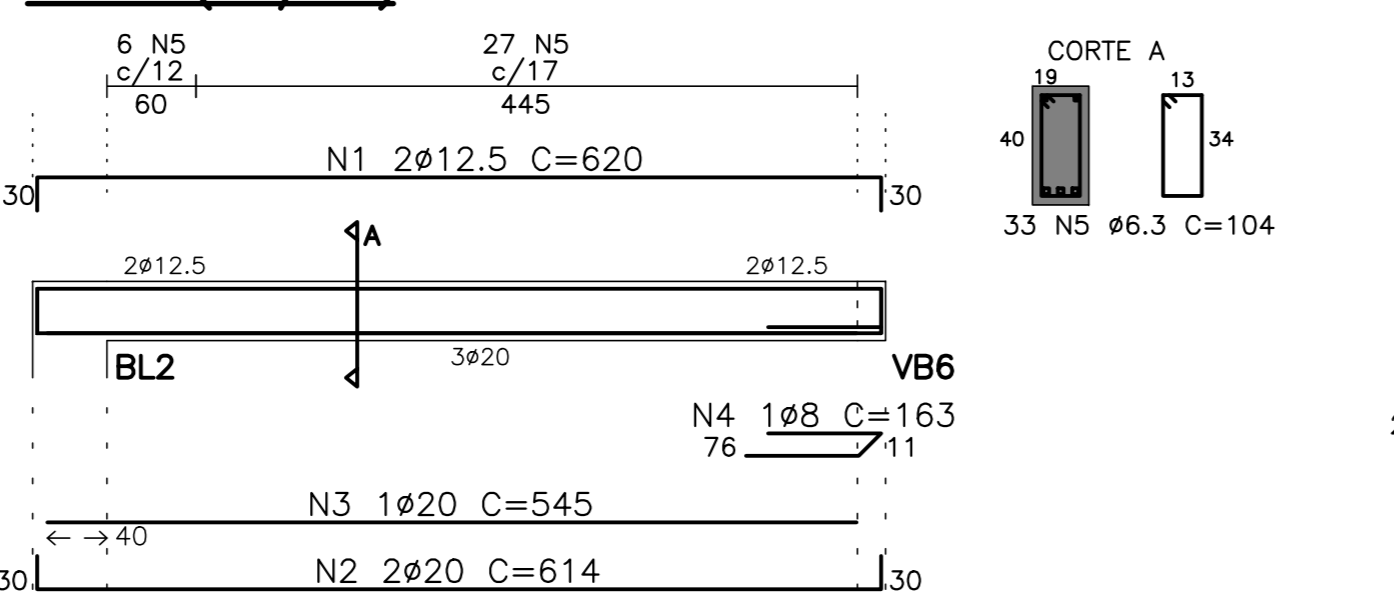


N	Q	UNI	TOTAL
1	12,5	2	227
2	10	4	908
3	10	4	2600
4	10	6	4170
5	10	4	420
6	5	102	14280

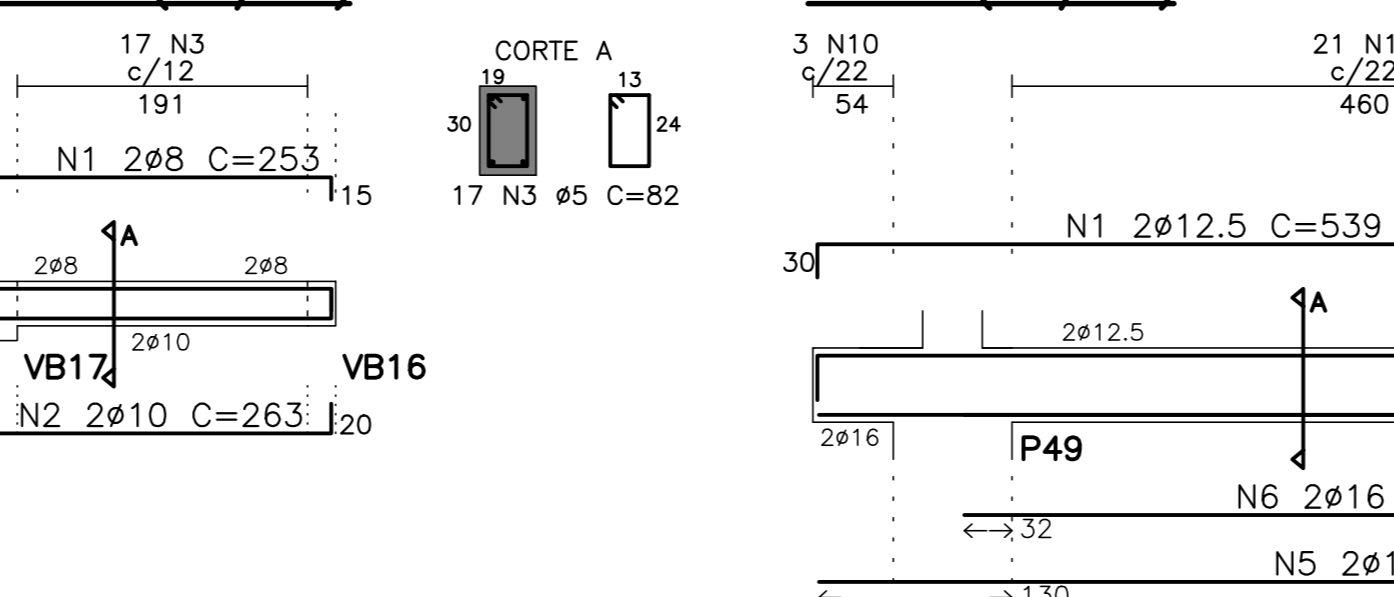
**VB44 (19/50)**



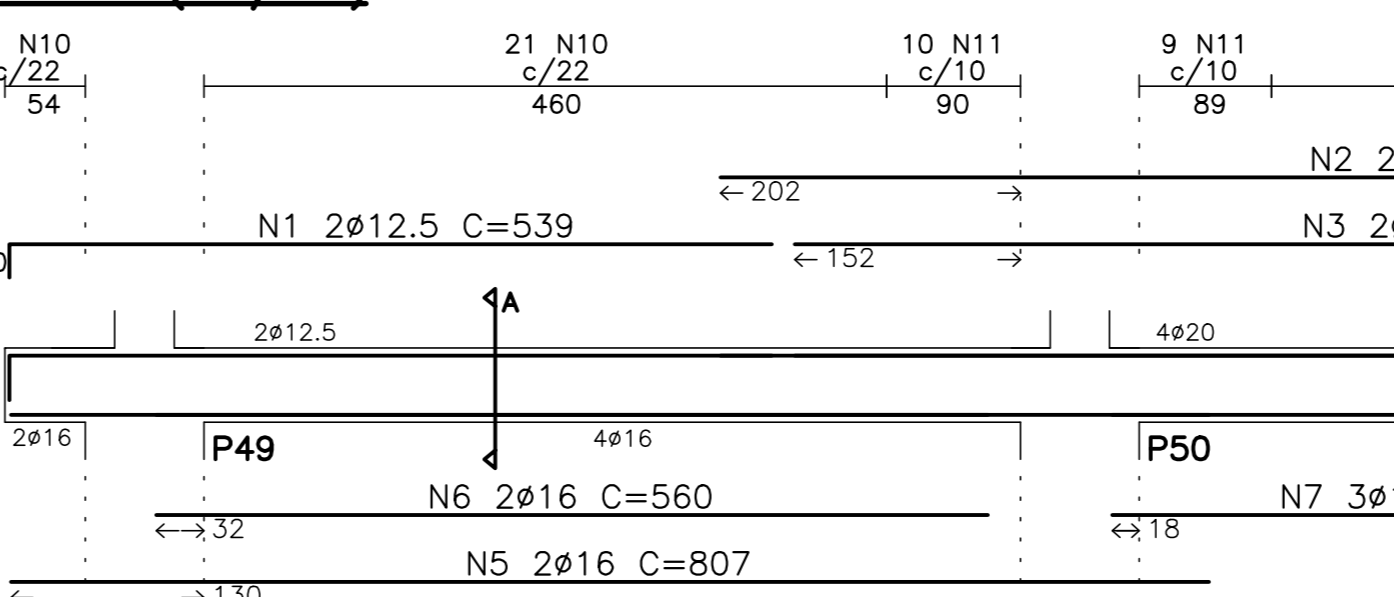
**VB45 (19/40)**



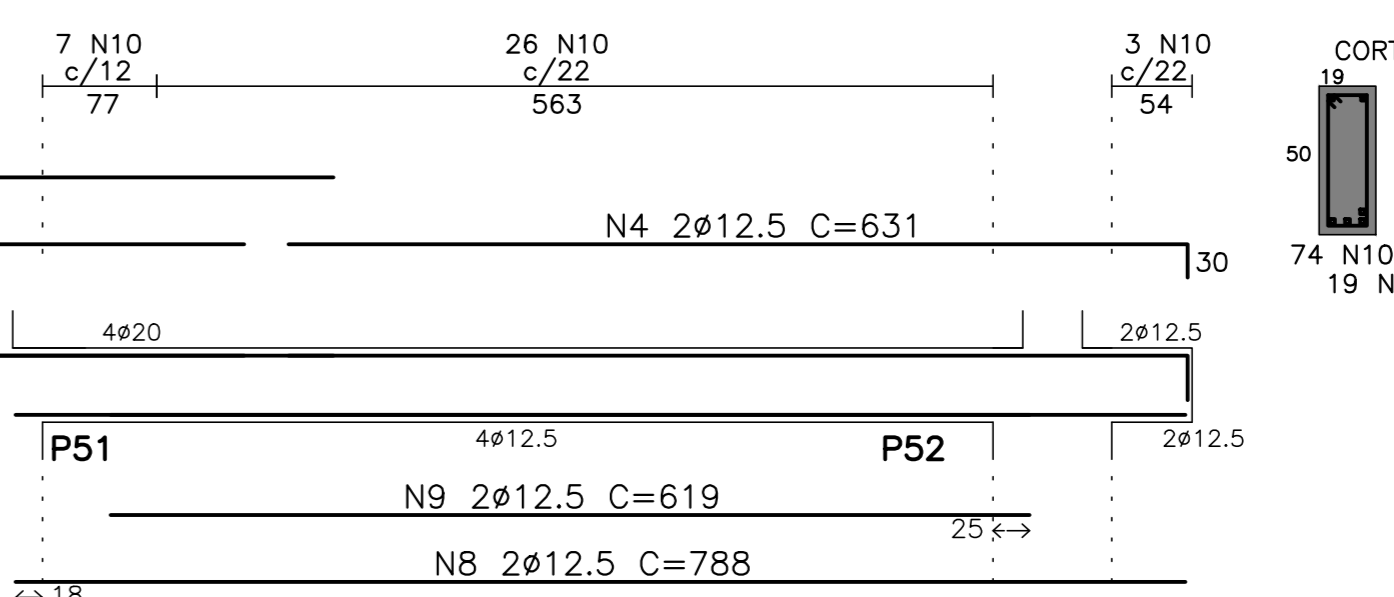
**VB46 (19/30)**



**VB48 (19/50)**



**VB49 (19/50)**

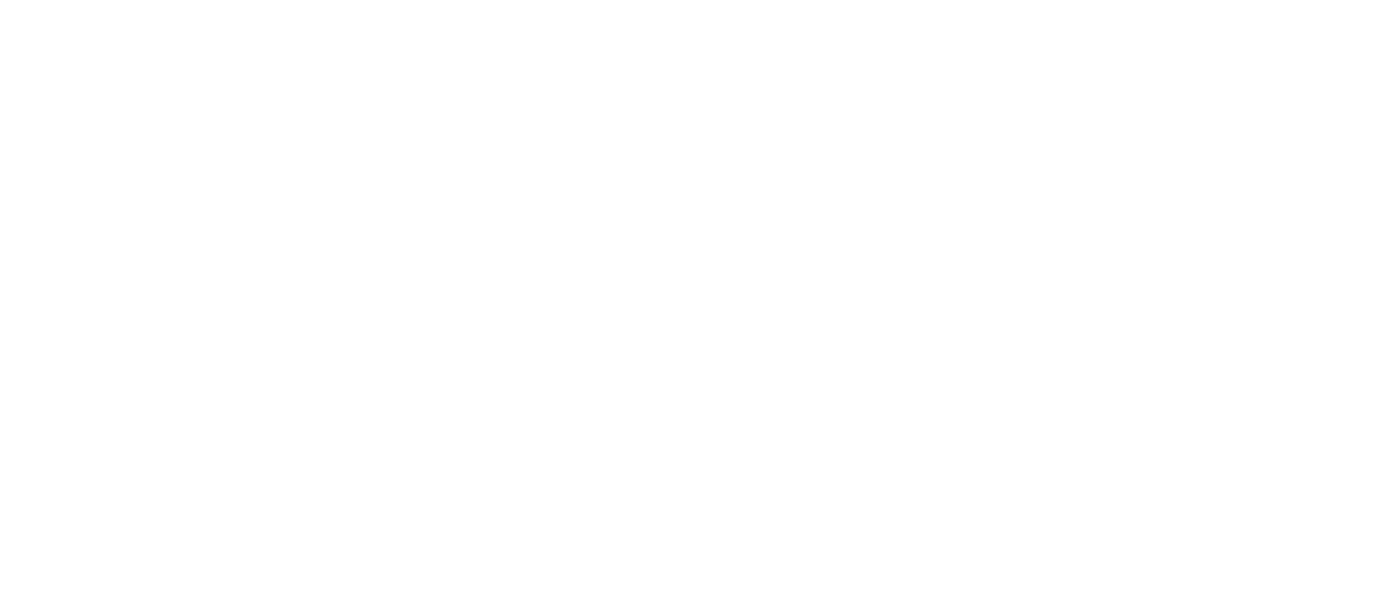


N	Q	UNI	TOTAL
1	12,5	2	93
2	10	2	40
3	5	5	82
4	5	5	410

**VB48 (19/50)**



**VB49 (19/50)**



**VB50 (19/50)**



**VB51 (19/50)**

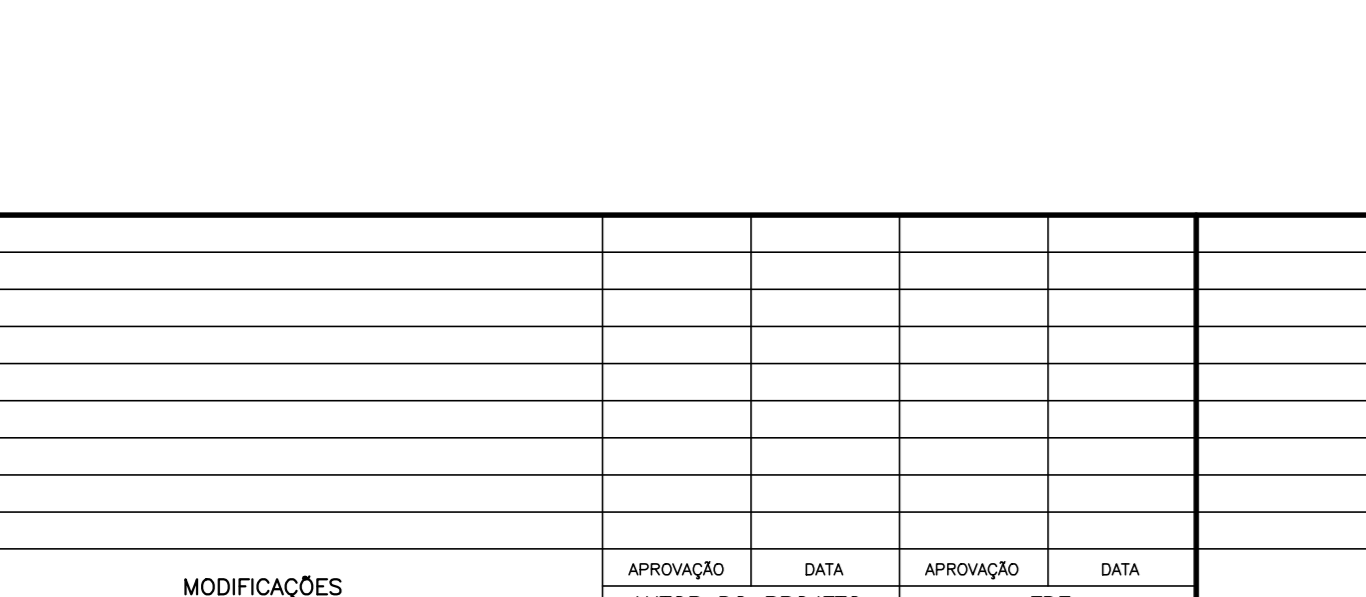


**VB52 (19/50)**

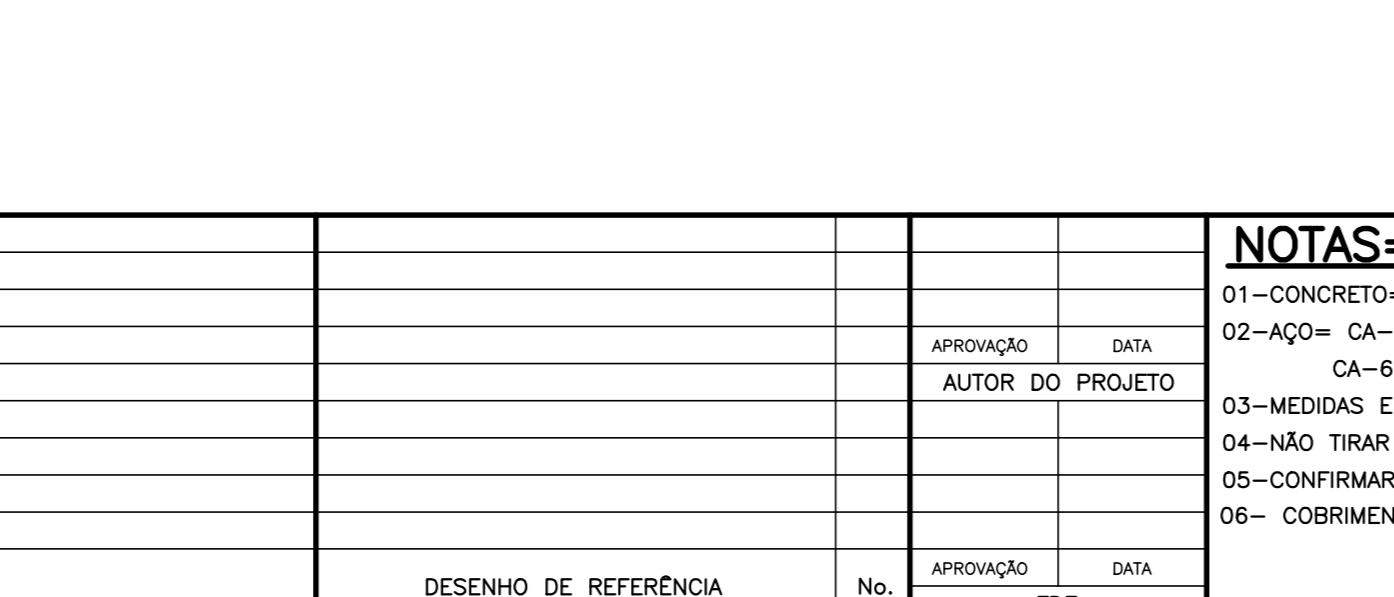


N	Q	UNI	TOTAL
1	12,5	2	852
2	16	2	807
3	16	1	690
4	5	47	122

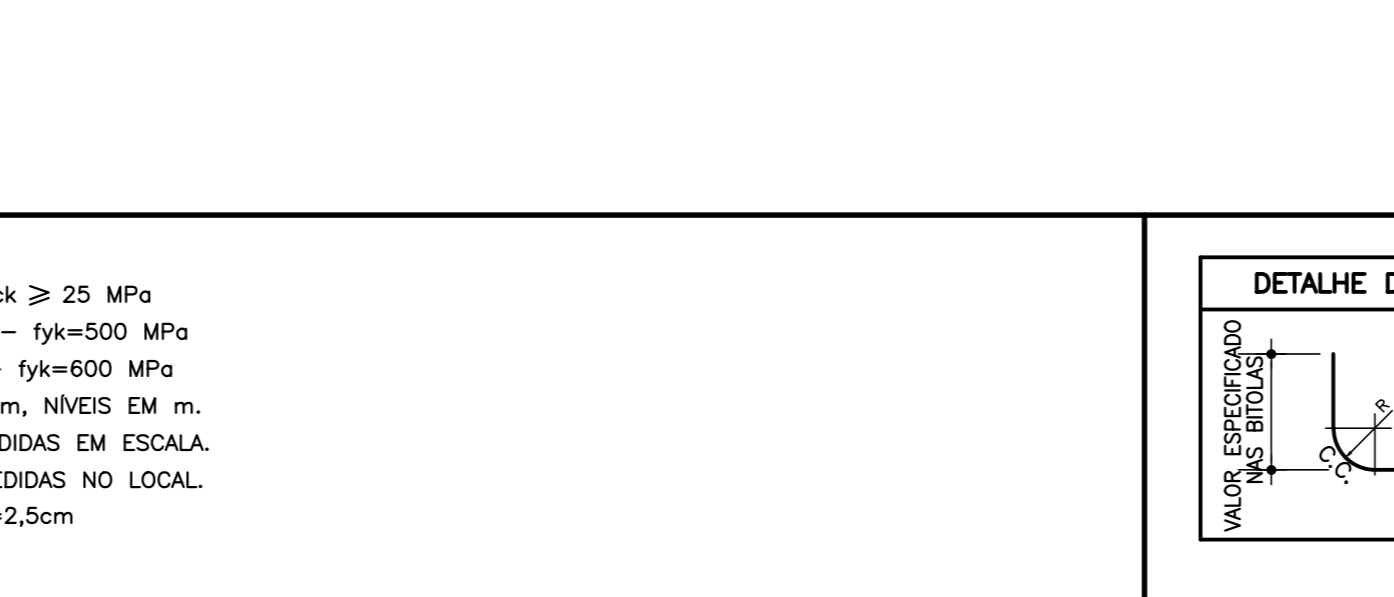
**VB53 (19/50)**



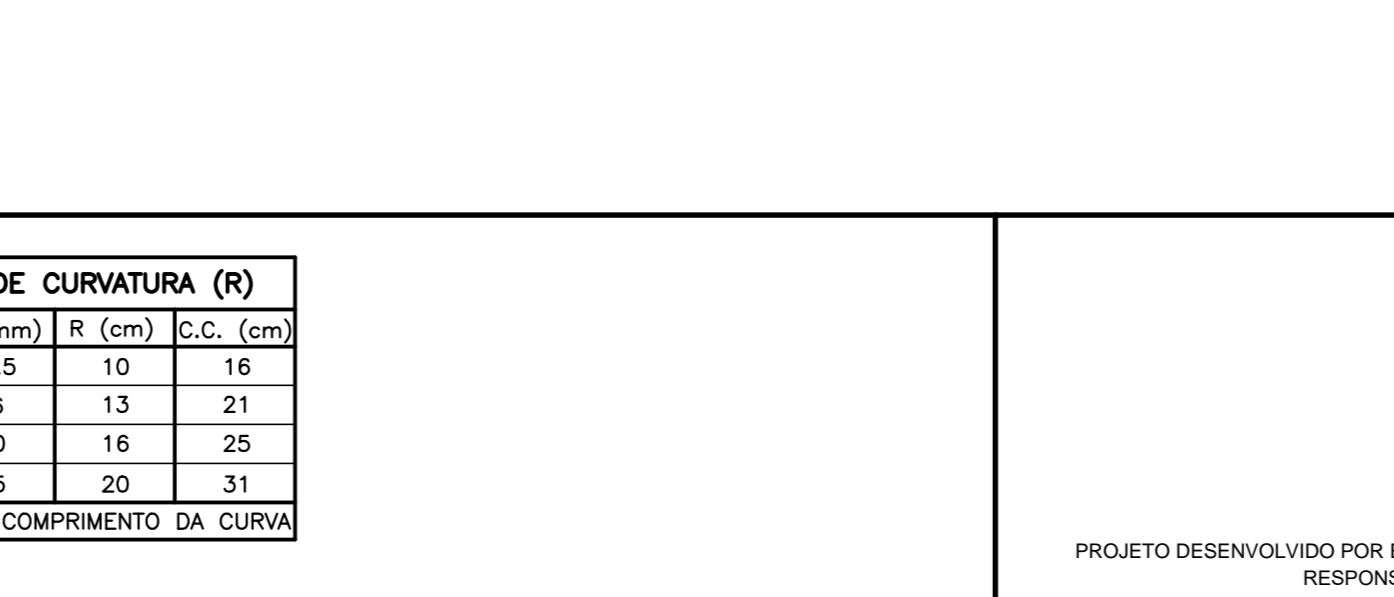
**VB54 (19/50)**



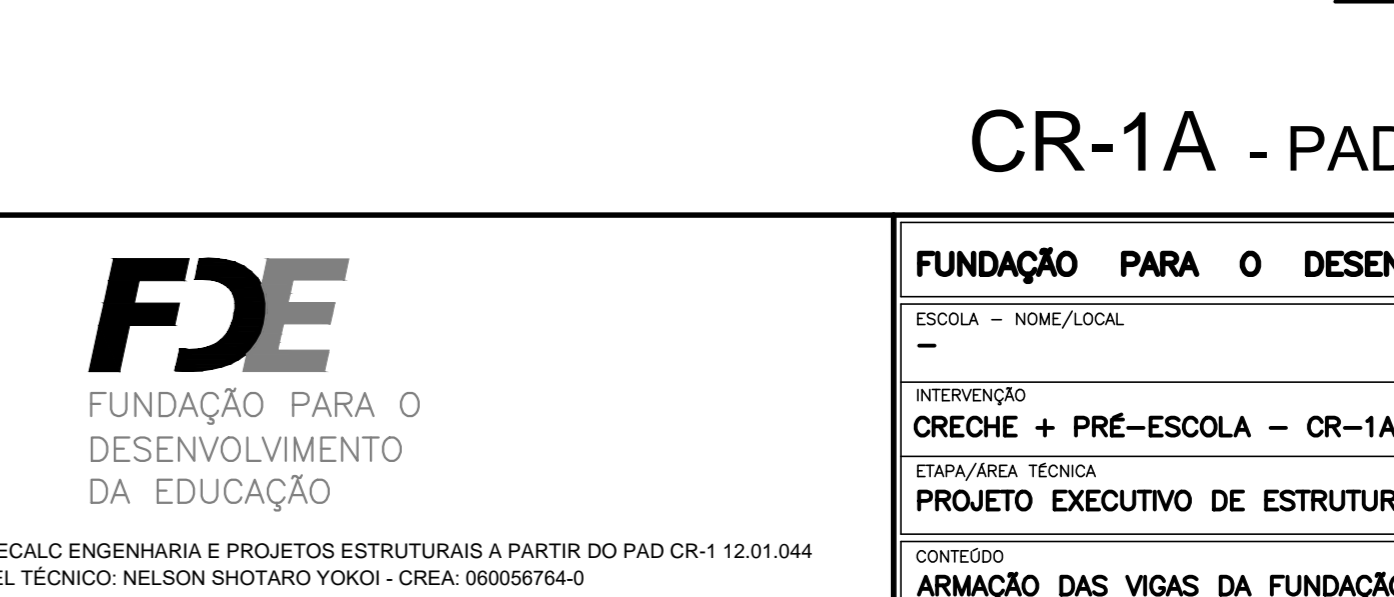
**VB55 (19/50)**



**VB56 (19/50)**



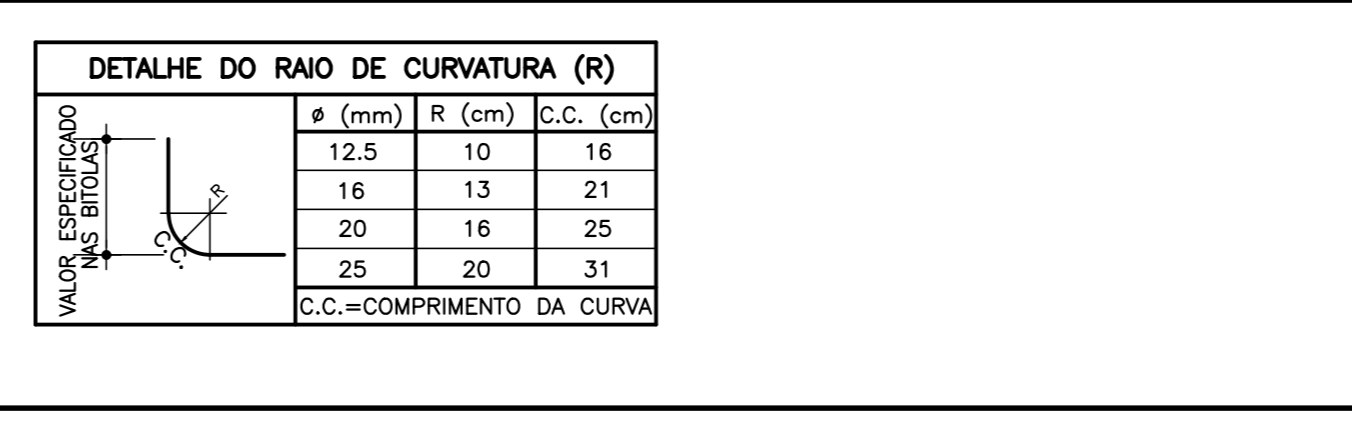
**VB57 (19/50)**



N	Q	UNI	TOTAL
1	12,5	2	1704
2	16	2	1614
3	16	1	690
4	5	47	122

RESUMO DAS VIGAS DA FUNDAÇÃO (02/03)	ACO	COMPR (cm)	PESO (kg)
608	137519	220	188
50A 6,3	17182	43	144
50A 8	6685	27	82
50A 10	22610	188	246
50A 12,5	57058	571	734
50A 16	16962	270	366
50A 20	10790	—	—
50A 25	—	—	—
PESO TOTAL (kg)	1319	—	—

**NOTAS=**  
 01-CONCRETO= fck ≥ 25 MPa  
 02-AÇO= CA-50 = fyk=500 MPa  
 03-MEDIDAS EM cm, NIVEIS EM m.  
 04-NÃO TIRAR MEDIDAS EM ESCALA.  
 05-CONFIRMAR MEDIDAS NO LOCAL.  
 06- COBERTURA=2,5cm



**FDE**  
 FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO  
 PROJETO DESENVOLVIDO POR ENGENHARIA E PROJETOS ESTRUTURAIS A PARTIR DO PAD CR-1 12/01/04  
 RESPONSÁVEL TÉCNICO NELSON SHOTARO YOKOI - CREA. 060056764-0

**CR-1A - PADRÃO TUBULÃO 205**

FUNDAÇÃO PARA O DESENVOLVIMENTO DA EDUCAÇÃO - F D E

PROJETO EXECUTIVO DE ESTRUTURA PAD CR-1A JULHO/2020

INDICADA