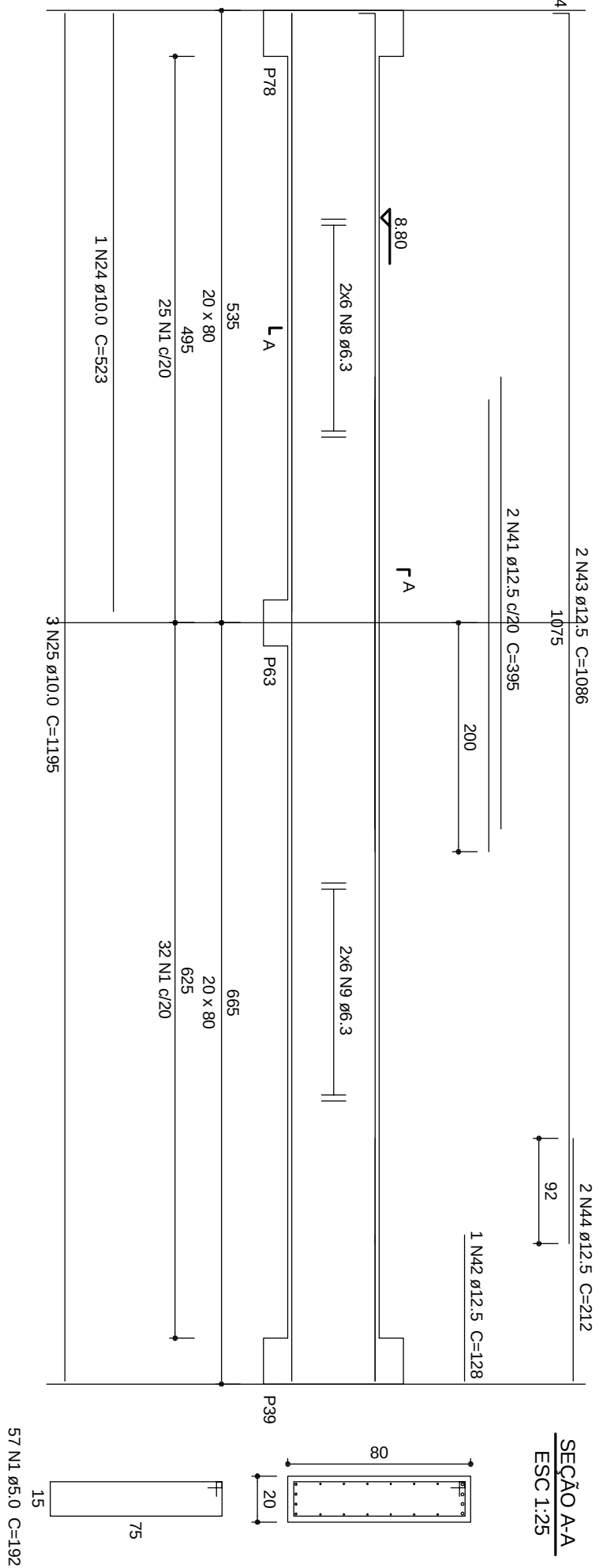
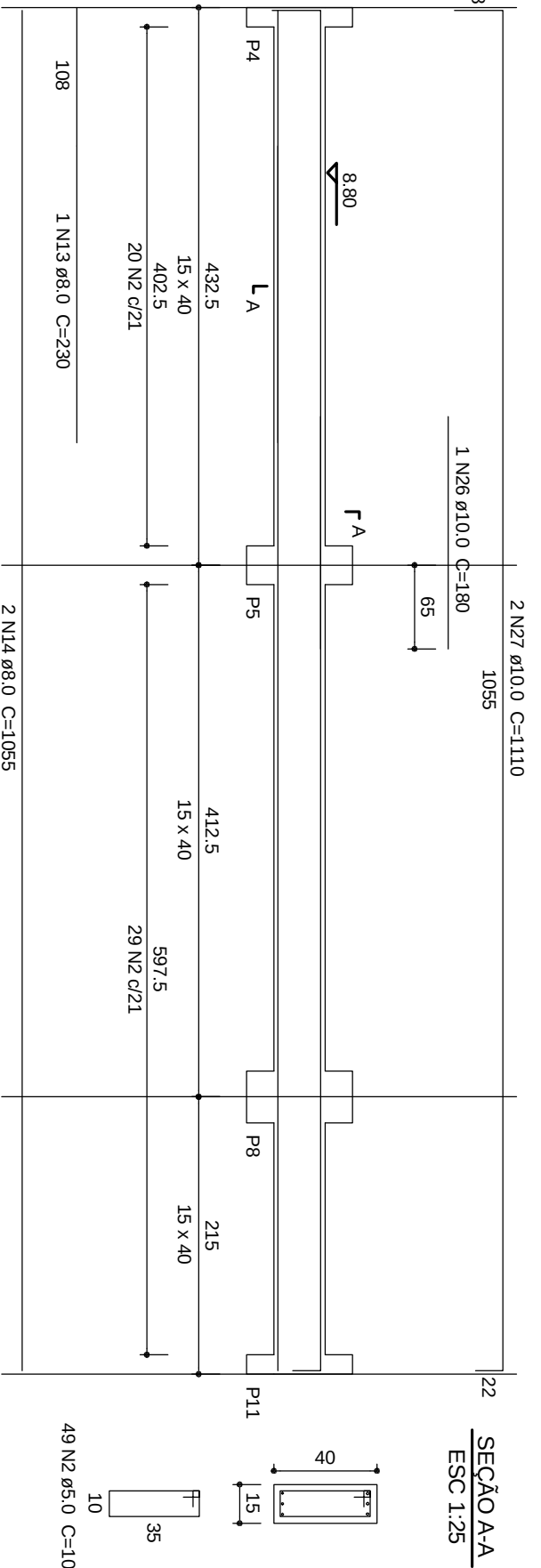


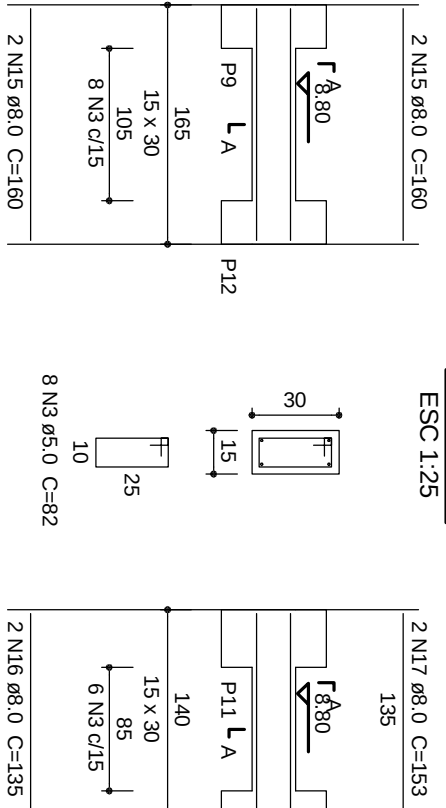
V47 (20 x 80)



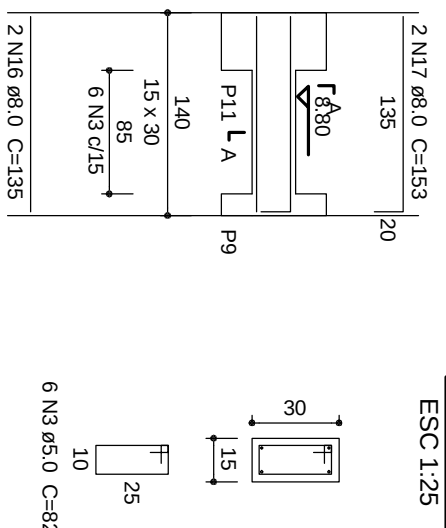
V53 (15 x 40)



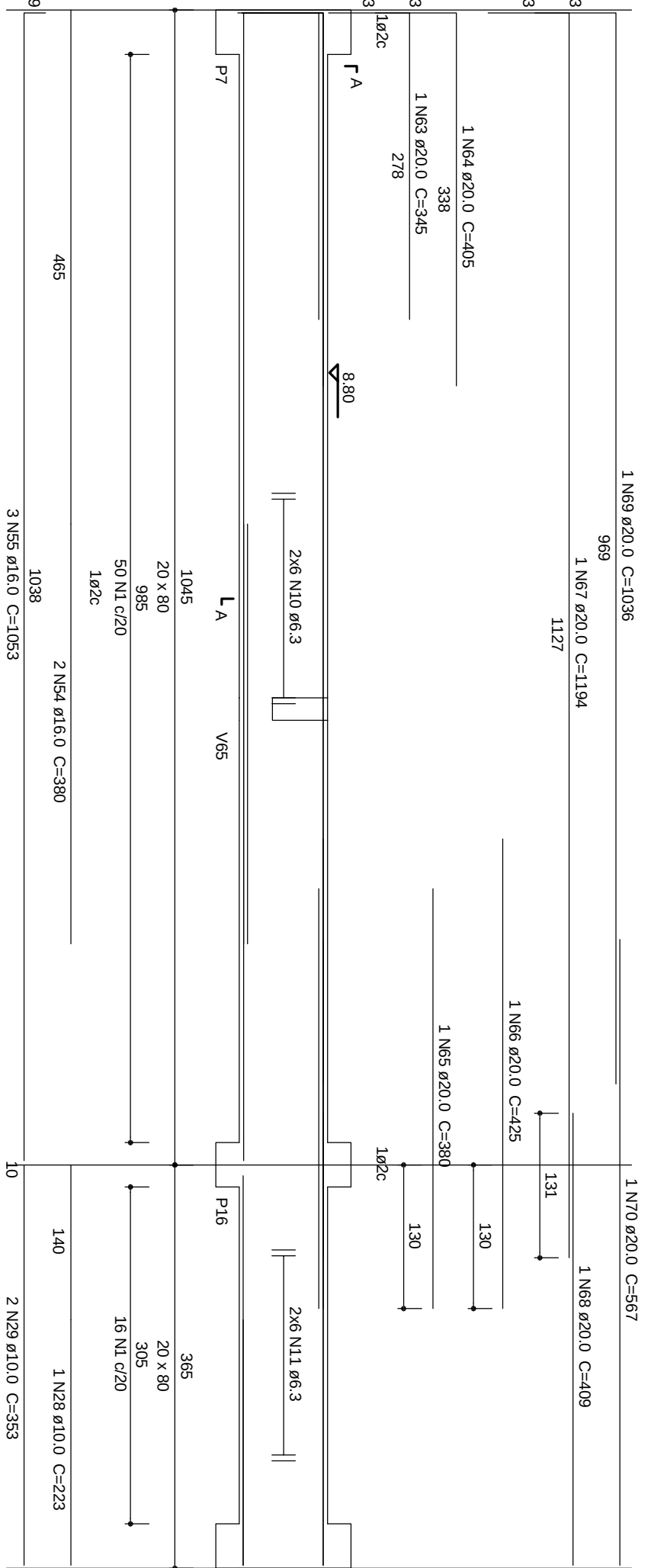
V54 (15 x 30)



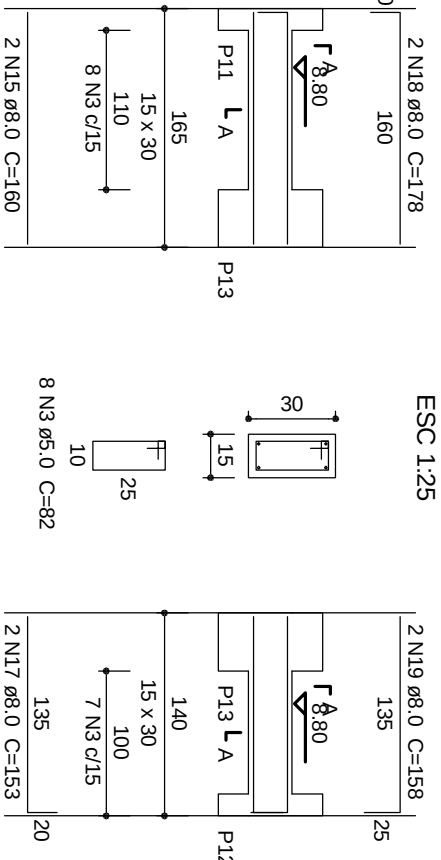
V56 (15 x 30)



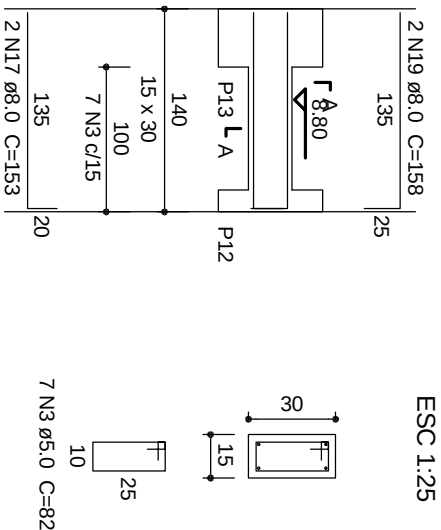
V55 (20 x 80)



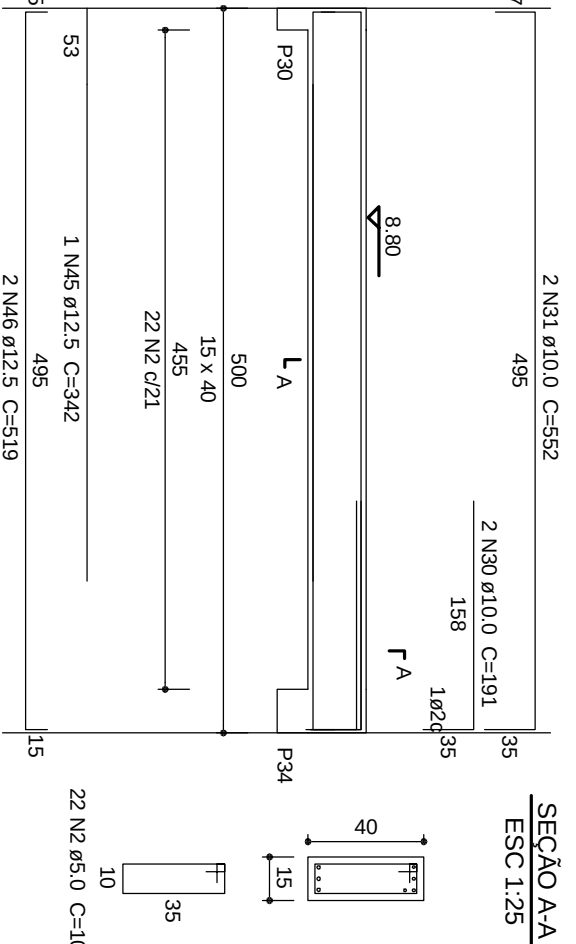
V57 (15 x 30)



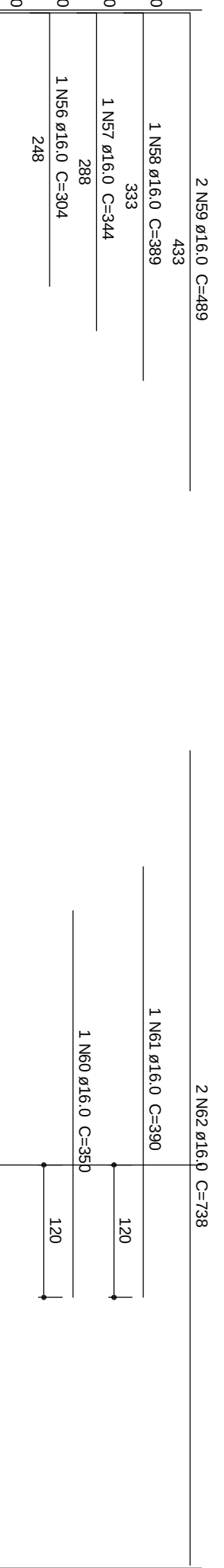
V58 (15 x 30)



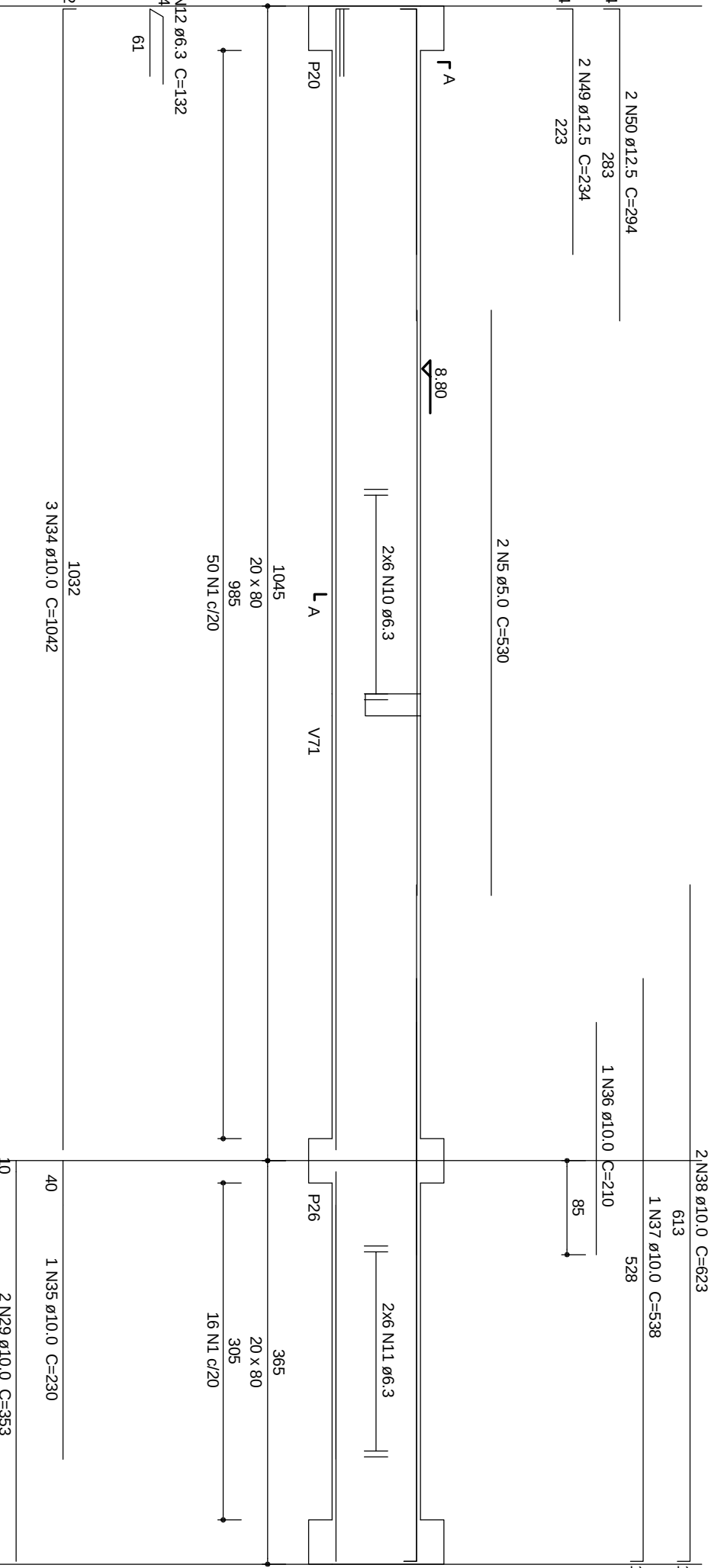
V63 (15 x 40)



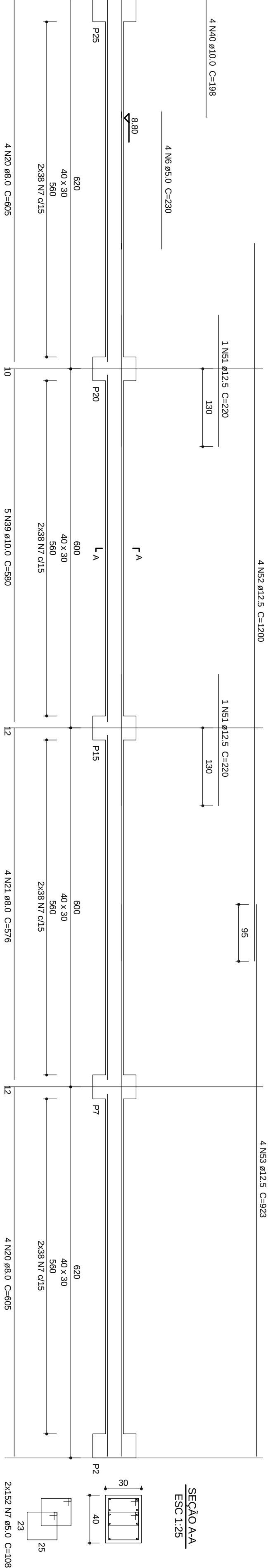
V59 (20 x 80)



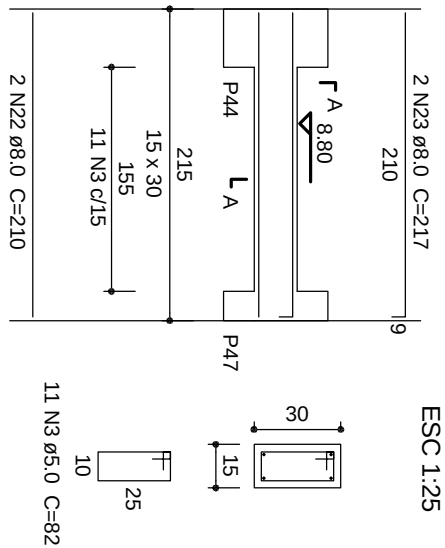
V60 (20 x 80)



V61 (40 x 30)



V74 (15 x 30)



Relação do aço

	ACO	N	DIAM (mm)	Q	UNIT	C TOTAL (mm)
CA50	1	50	255	60	102	1742
	2	50	71	102	82	3280
	3	50	40	2	255	510
	4	50	2	255	1060	1060
	5	50	4	255	1060	1060
	6	50	304	108	3282	6600
	7	50	304	108	6600	8160
	8	63	12	CORR	8160	38160
	9	63	36	CORR	18160	38160
	10	63	36	CORR	18160	38160
CA50	11	63	36	12	230	254
	12	63	36	12	230	254
	13	80	2	1055	210	210
	14	80	2	1055	210	210
	15	80	6	160	960	960
	16	80	4	1153	612	612
	17	80	2	178	356	356
	18	80	2	178	356	356
	19	80	2	178	356	356
	20	80	4	675	4840	4840
CA50	21	80	4	675	4840	4840
	22	80	4	675	4840	4840
	23	80	2	217	434	434
	24	100	1	523	523	523
	25	100	3	1195	3585	3585
	26	100	1	180	180	180
	27	110	2	1223	223	223
	28	100	4	353	1412	1412
	29	100	4	353	1412	1412
	30	100	2	191	382	382
CA50	31	100	2	552	1104	1104
	32	100	2	552	1104	1104
	33	100	2	330	760	760
	34	100	3	1042	3126	3126
	35	100	1	230	230	230
	36	100	1	210	210	210
	37	100	2	552	1104	1104
	38	100	2	552	1104	1104
	39	100	5	580	2900	2900
	40	100	4	188	792	792
CA50	41	125	2	395	790	790
	42	125	1	128	128	128
	43	125	2	1128	2178	2178
	44	125	2	212	424	424
	45	125	1	342	342	342
	46	125	2	519	1038	1038
	47	125	2	370	740	740
	48	125	2	1234	2468	2468
	49	125	2	294	588	588
	50	125	2	294	588	588
CA50	51	125	2	220	440	440
	52	125	4	1200	4800	4800
	53	125	2	352	704	704
	54	145	2	352	704	704
	55	160	3	1053	3159	3159
	56	160	1	304	304	304
	57	160	1	344	344	344
	58	160	1	388	388	388
	59	160	2	440	880	880
	60	160	1	350	350	350
CA50	61	160	1	390	390	390
	62	160	2	738	1476	1476
	63	200	1	345	345	345
	64	200	1	380	380	380
	65	200	1	425	425	425
	66	200	1	1194	1194	1194
	67	200	1	1194	1194	1194
	68	200	1	409	409	409
	69	200	1	1058	1058	1058
	70	200	1	597	597	597

Resumo do aço

ACO	DIAM (mm)	C TOTAL	PESO x 10 %
CA50	63	665,7	180
	80	128,6	55,8
	100	187	133,6
	125	187	133,6
	145	81,5	141,5
	160	47,7	129,2
	200		
CA60	50	948,1	180,7
PESO TOTAL			
CA50		839,9	
CA60		180,7	

VOL. de concreto total (C-25) = 12,92 m³

Área de forma total = 145,15 m²

COMP. MUSEU E ARQUIVO HISTÓRICO CAMPUS DIAMANTINA			
RODOVIA MAC 367, KM 563, Nº 5000 - AUTO DA JACUBA - DIAMANTINA/MG			
PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI			
CNPJ: 16.866.315/0001-577			
TÍTULO: DET. DAS VIGAS DO PAV. SUPERIOR 4/6			
AUTOR PROJETO ESTRUTURAL / ET: _____			
FASE: PROJETO ESTRUTURAL			
OBSERVAÇÕES: CONFERIR MEDIDAS NA OBRA			
MACEDO SQUEIRA PROJETOS & ENGENHARIA LTDA-ME R. DR. CARLOS ANTONIO MACEDO - C/KA 81746/046 FONE: (31) 3771-5555 / 3771-5556 / 3771-5557 WWW.AMADEOENGENHARIA.COM.BR FONE: (31) 3771-0554 / 9997-3181			
VERSÃO: 1	DATA: 22.08.2011	AUTOCAD: _____	FOUN: 50/71