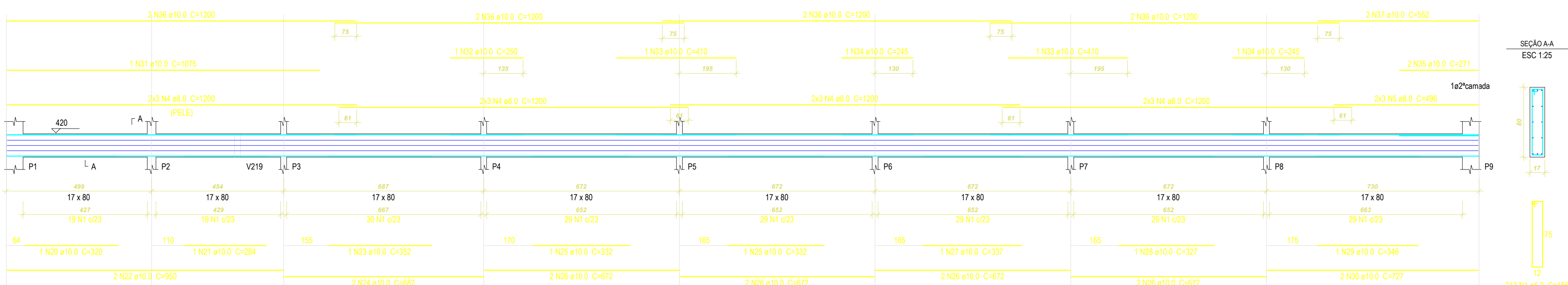
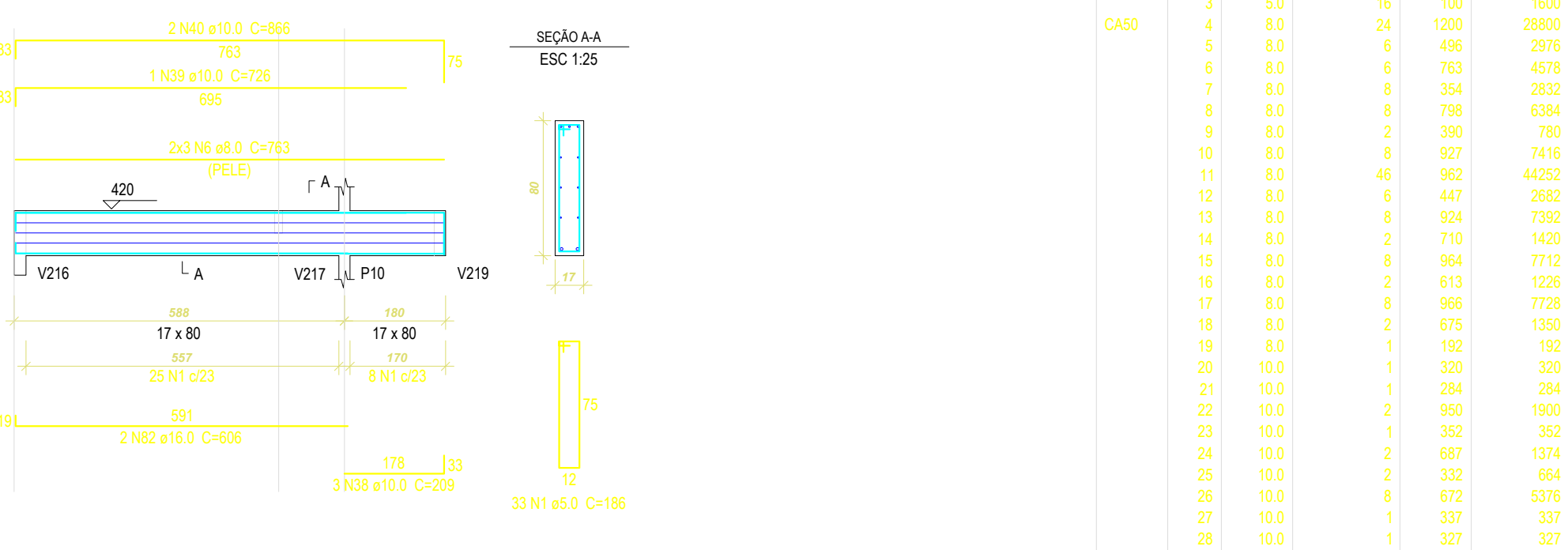


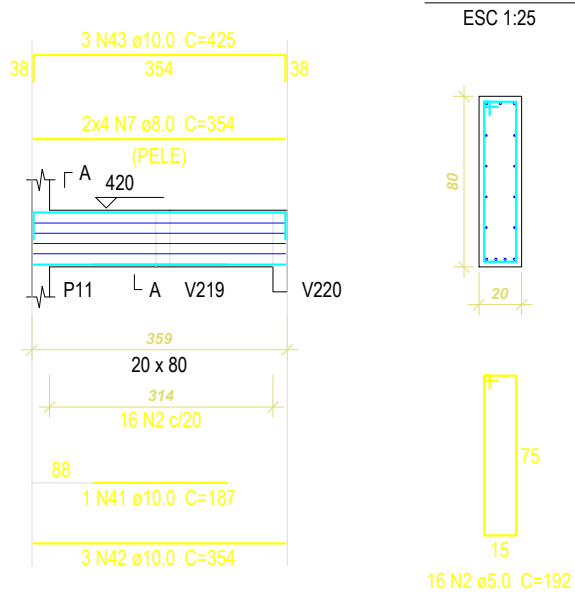
V201 (17 x 80)



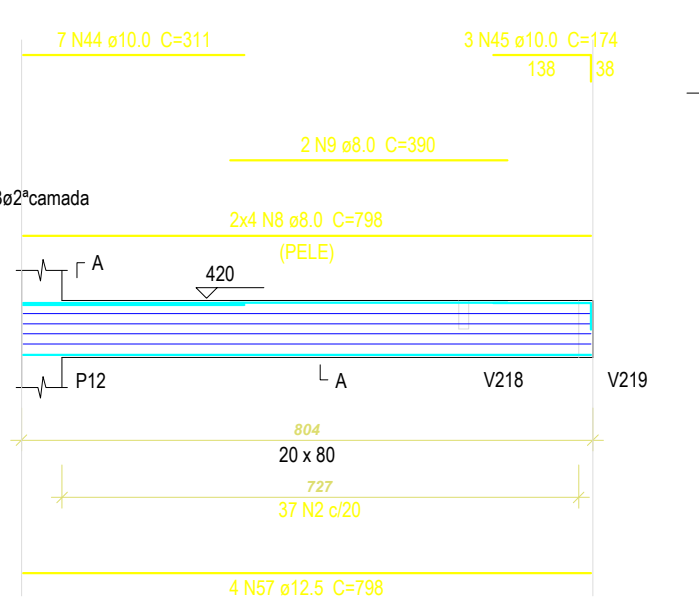
V202 (17 x 80)



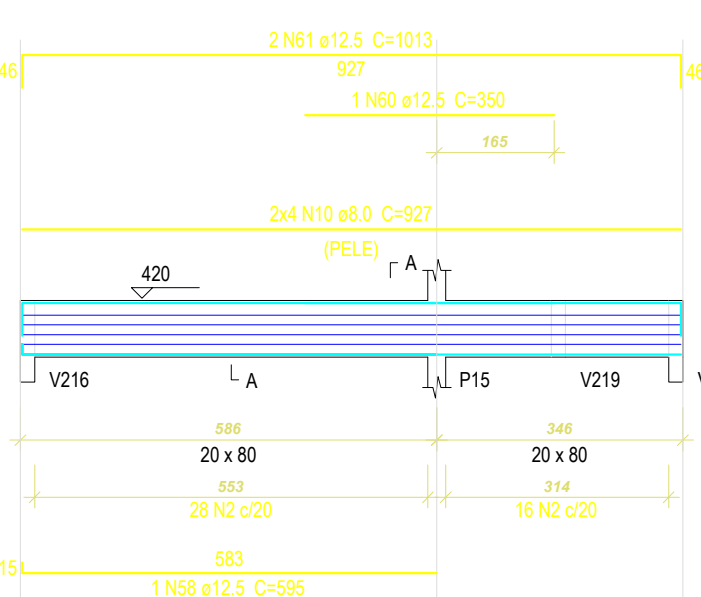
V203 (20 x 80)



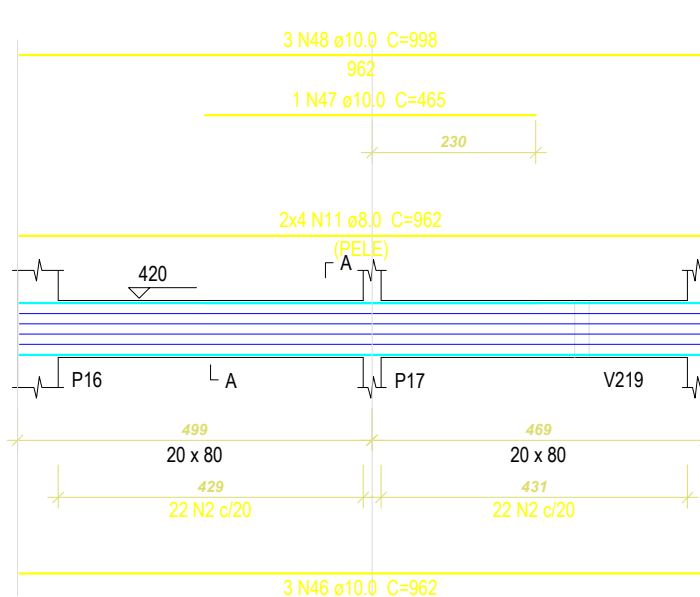
V204 (20 x 80)



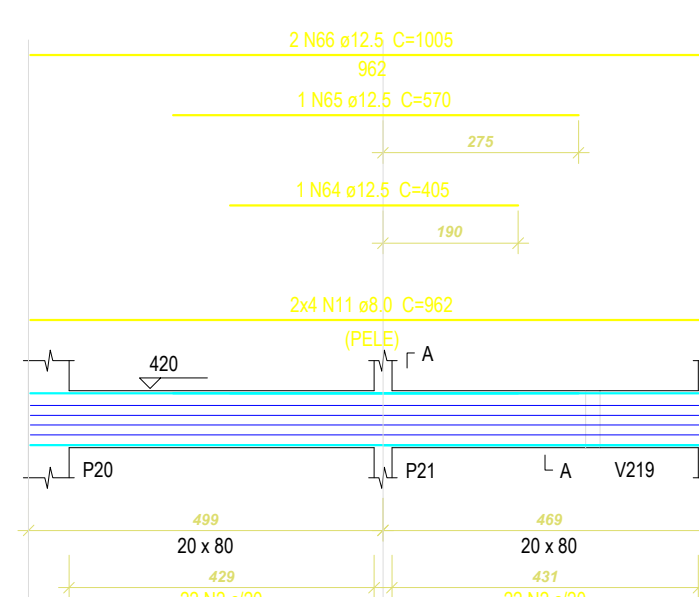
V205 (20 x 80)



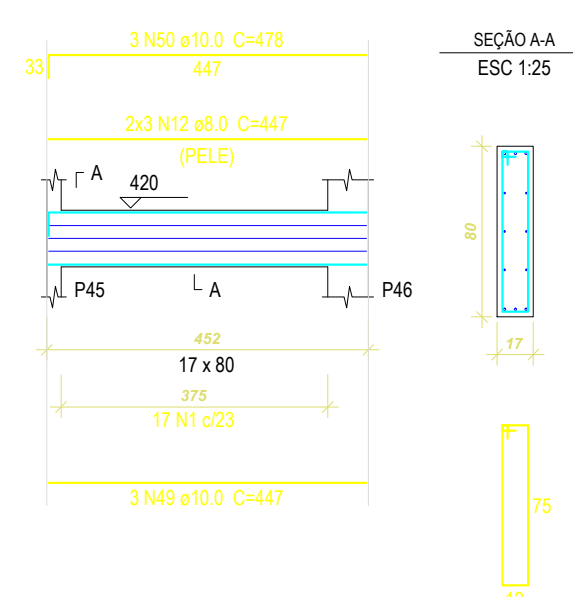
V206 (20 x 80)



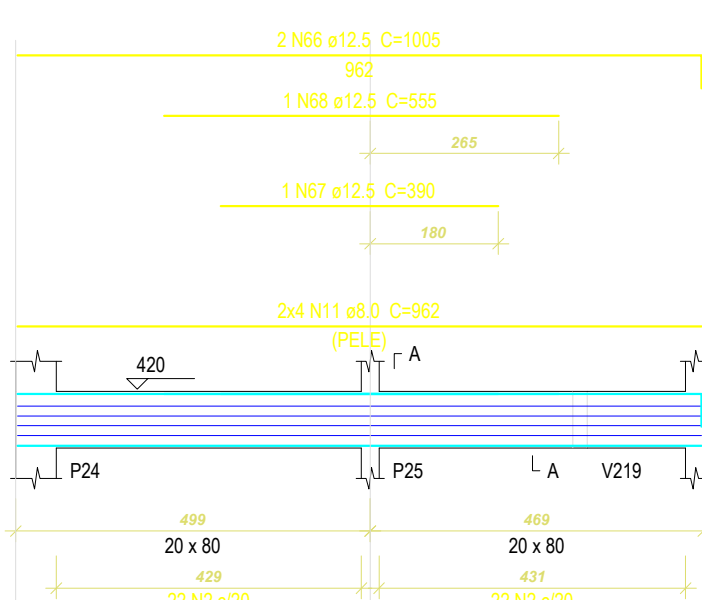
V207 (20 x 80)



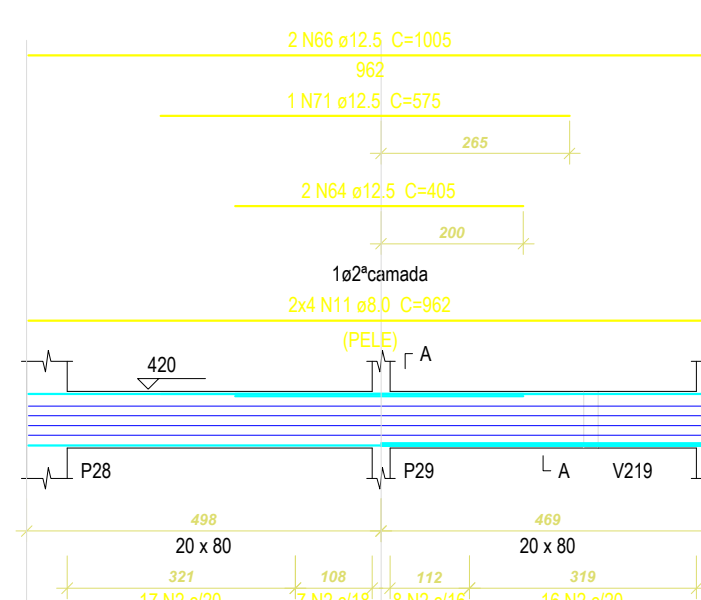
V215 (17 x 80)



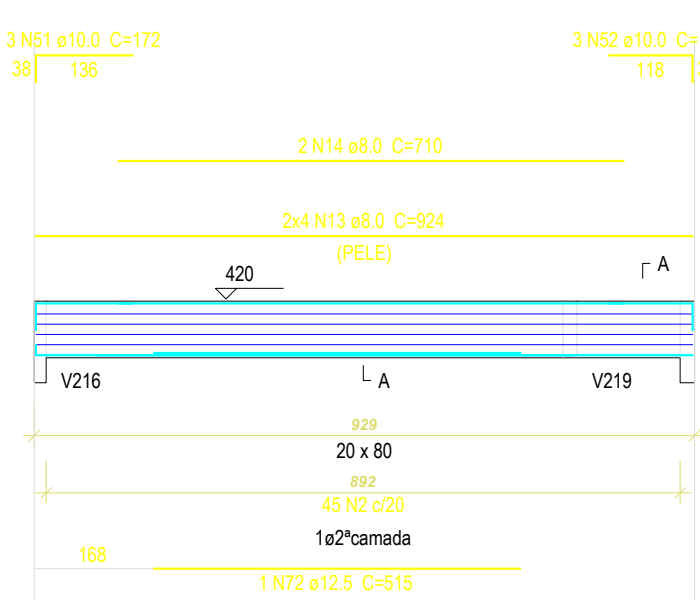
V208 (20 x 80)



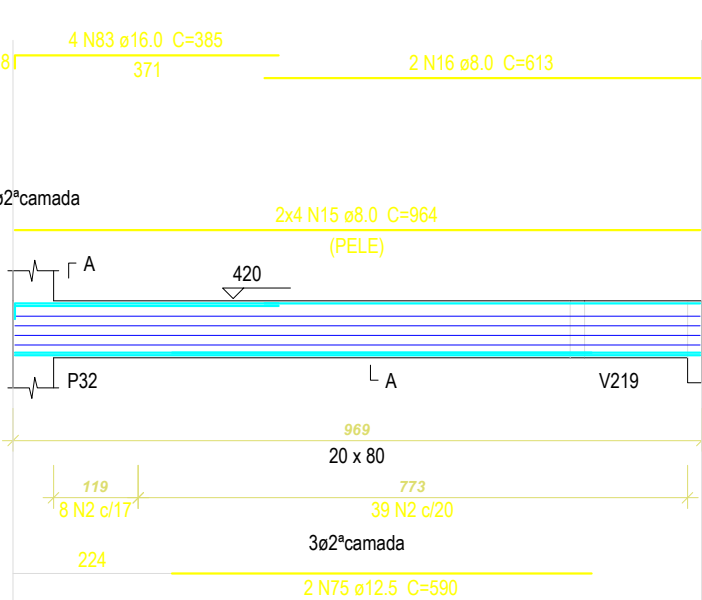
V209 (20 x 80)



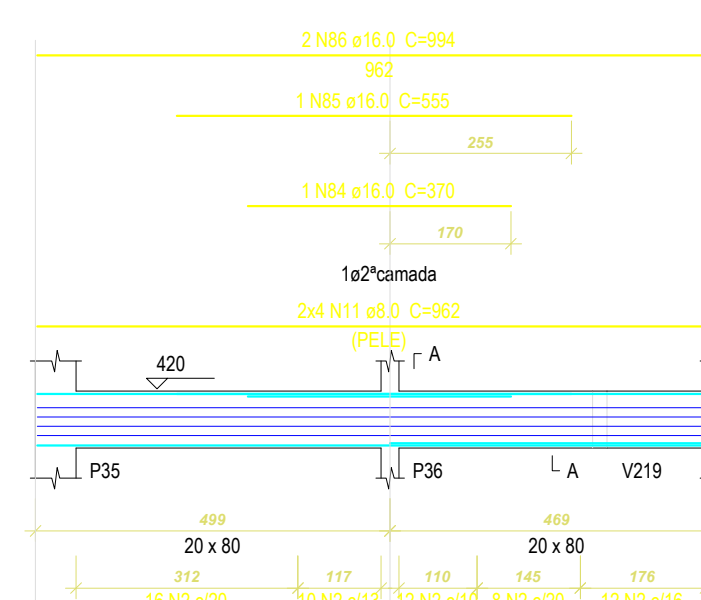
V210 (20 x 80)



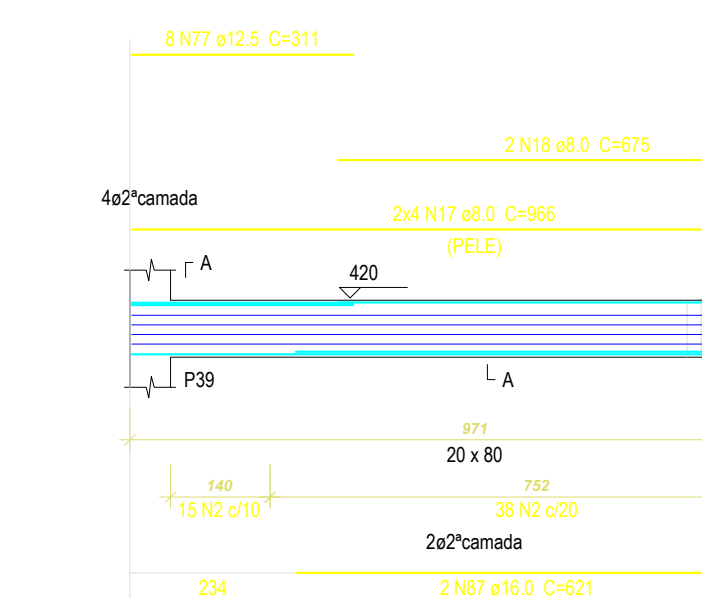
V211 (20 x 80)



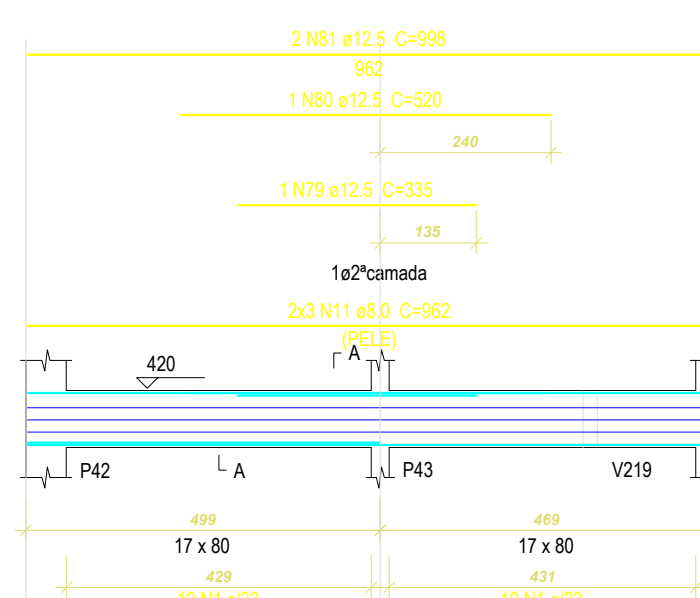
V212 (20 x 80)



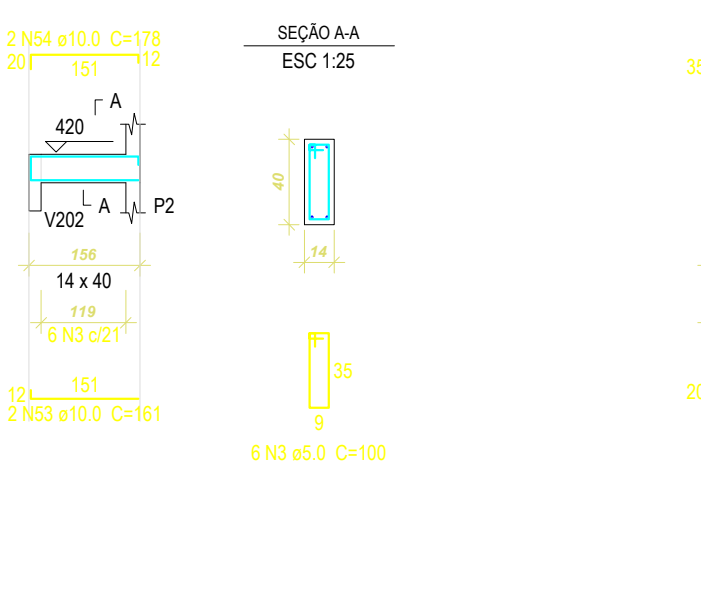
V213 (20 x 80)



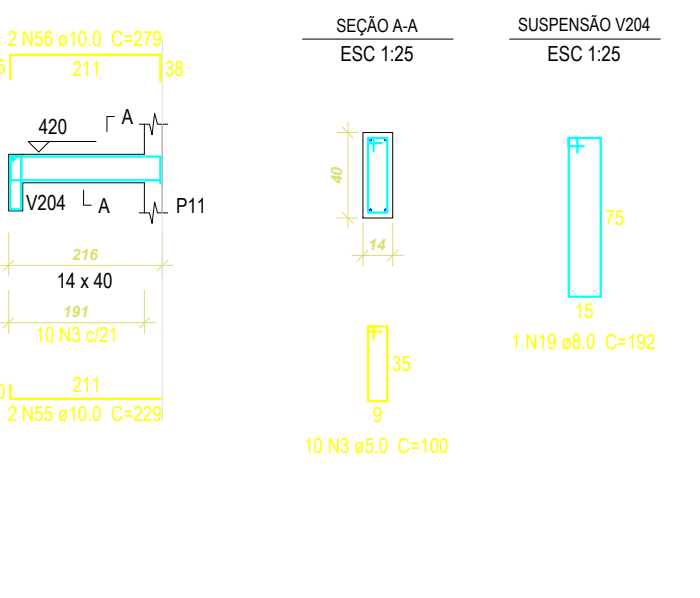
V214 (17 x 80)



V217 (14 x 40)



V218 (14 x 40)



Relação do aço					
ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	301	186	55886
	2	5.0	480	192	92160
	3	5.0	100	100	10000
CA50	4	8.0	24	1200	28800
	5	8.0	6	496	2976
	6	8.0	6	763	4578
	7	8.0	8	354	2832
	8	8.0	8	798	6394
	9	8.0	2	390	780
	10	8.0	8	927	7416
	11	8.0	46	962	44252
	12	8.0	6	447	2682
	13	8.0	6	924	7392
	14	8.0	2	710	1420
	15	8.0	8	964	7712
	16	8.0	2	613	1226
	17	8.0	8	956	7248
	18	8.0	2	675	1350
	19	8.0	1	192	192
	20	10.0	1	320	320
	21	10.0	1	284	284
	22	10.0	2	950	1900
	23	10.0	1	562	562
	24	10.0	2	837	1674
	25	10.0	2	332	664
	26	10.0	8	672	5376
	27	10.0	1	337	337
	28	10.0	1	327	327
	29	10.0	1	346	346
	30	10.0	2	727	1454
	31	10.0	1	1075	1075
	32	10.0	1	250	250
	33	10.0	2	410	820
	34	10.0	2	245	490
	35	10.0	2	271	542
	36	10.0	8	1200	9600
	37	10.0	2	552	1104
	38	10.0	3	209	627
	39	10.0	1	726	726
	40	10.0	2	866	1732
	41	10.0	1	187	187
	42	10.0	3	354	1062
	43	10.0	3	425	1275
	44	10.0	7	311	2177
	45	10.0	3	174	522
	46	10.0	7	962	6734
	47	10.0	1	465	465
	48	10.0	3	998	2994
	49	10.0	3	447	1341
	50	10.0	3	478	1434
	51	10.0	3	172	516
	52	10.0	3	154	462
	53	10.0	2	161	322
	54	10.0	2	178	356
	55	10.0	2	229	458
	56	10.0	2	279	558
	57	12.5	4	798	3192
	58	12.5	1	595	595
	59	12.5	2	939	1878
	60	12.5	1	350	350
	61	12.5	2	1013	2026
	62	12.5	1	496	496
	63	12.5	3	962	2886
	64	12.5	3	405	1215
	65	12.5	1	570	570
	66	12.5	6	1005	6030
	67	12.5	1	390	390
	68	12.5	1	555	555
	69	12.5	5	478	2390
	70	12.5	10	974	9740
	71	12.5	1	575	575
	72	12.5	1	515	515
	73	12.5	1	670	670
	74	12.5	3	936	2808
	75	12.5	2	590	1180
	76	12.5	5	964	4820
	77	12.5	6	311	2468
	78	12.5	1	496	496
	79	12.5	1	335	335
	80	12.5	1	520	520
	81	12.5	2	998	1996
	82	16.0	2	606	1212
	83	16.0	4	395	1580
	84	16.0	1	370	370
	85	16.0	1	555	555
	86	16.0	2	994	1988
	87	16.0	2	621	1242
	88	16.0	4	981	3924

Resumo do aço			
ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	1277.2	654
	10.0	505.7	311.7
	12.5	486.9	469
	16.0	108.4	170.9
CA60	5.0	1497.5	230.8
PESO TOTAL (kg)			
CA50	1455.7		
CA60	230.8		
Volume de concreto (C-25) = 25.73 m³			
Área de forma = 308.05 m²			

V201	V202	V203
V204	V205	V206
V207	V208	V209
V210	V211	V212
V213	V214	V215
V217	V218	

DI	26/09/2013	PROJETO ESTRUTURAL
DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:
AS BUILT		
AS BUILT ENGENHARIA DE PROJETOS LTDA		
Rua Antonio de Almeida, 154 - Vila Velha		
CEP: 82560-435 - Curitiba - Paraná		
asbultprojetos@gmail.com - (41) 3088-0490		
PROJETO ESTRUTURAL		
CONFIRMAR MEDIDAS NA OBRA		
HANGAR DA UFVJM		
AEROPORTO JK / DIAMANTINA		
PROPRIETÁRIO	UNIVERSIDADE FEDERAL DOS VALES DO EQUINOCÔNIO E MACUCOS	CNPJ 16.886.315/0001-57
PRINCIPAIS	FERRAGEM DAS VIGAS: SEGUNDO PAVIMENTO (I)	
AUTOR PROJETO	CARLOS HENRIQUE DE SOUZA GONÇALVES	
DETAΛHAMENTO/OBSERVAÇÕES	ESCALA: INDICADA	DESENHO EQUIPE
VERSÃO: 1	DATA: 26/09/2013	ÁREA CONSTRUÍDA: 104m²
ARQUIVO:	EST 08/20	