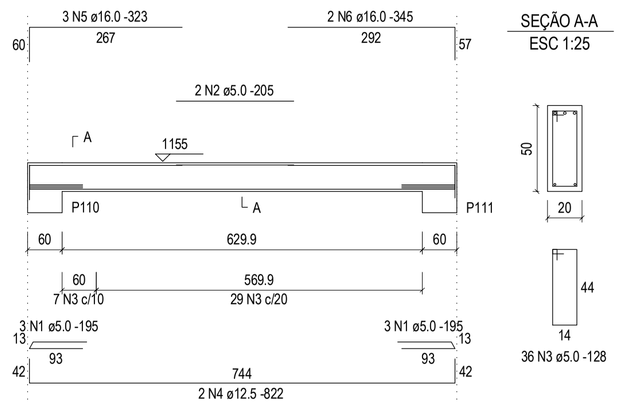
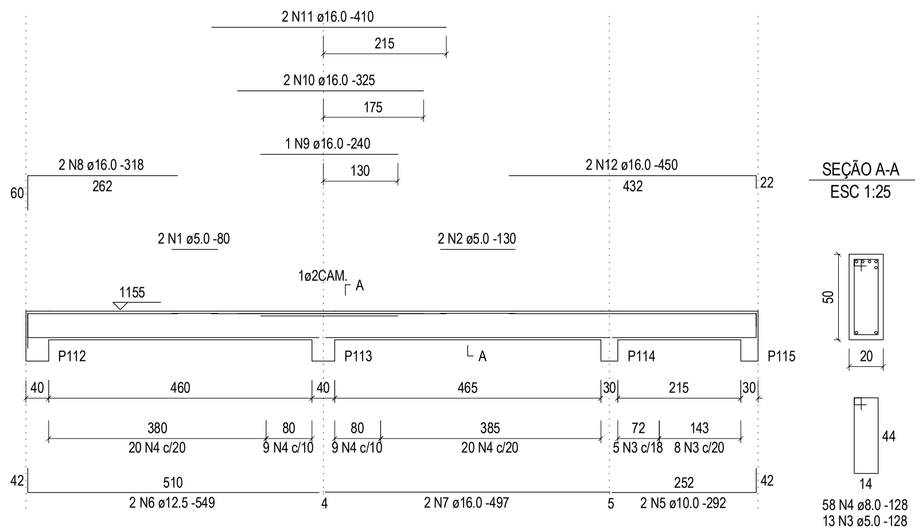
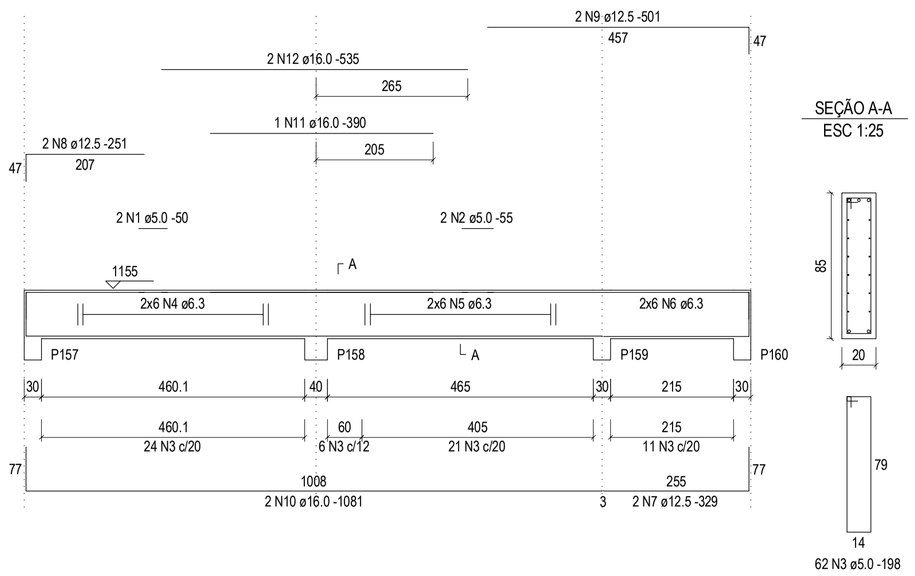
V218 (20 x 50)
1:75



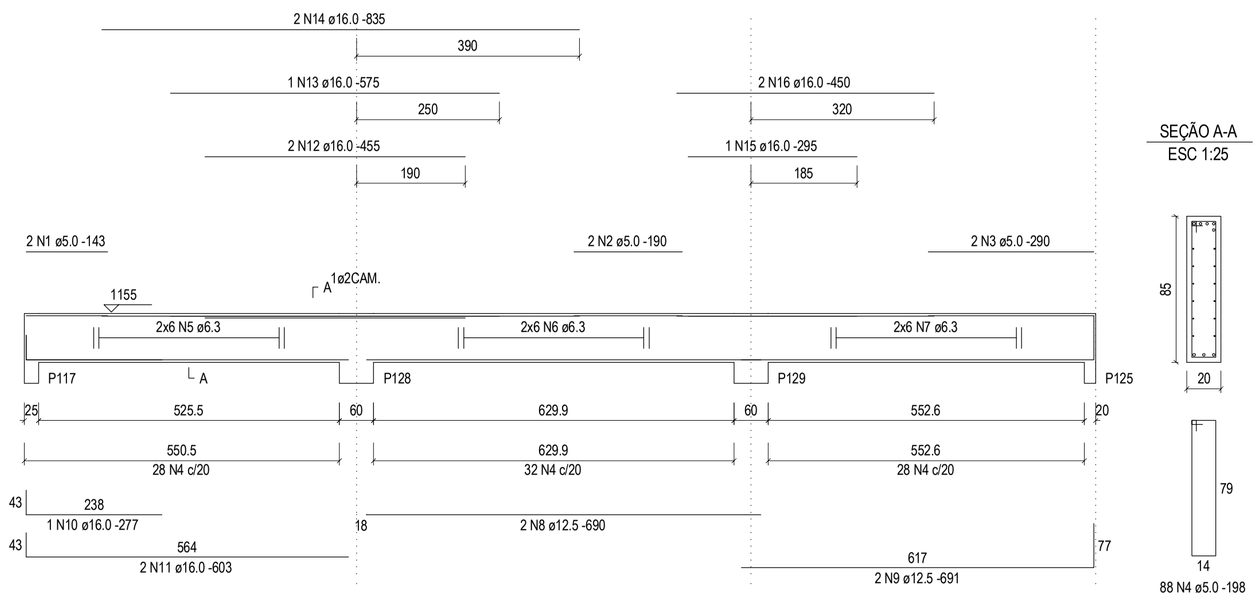
V219 (20 x 50)
1:75



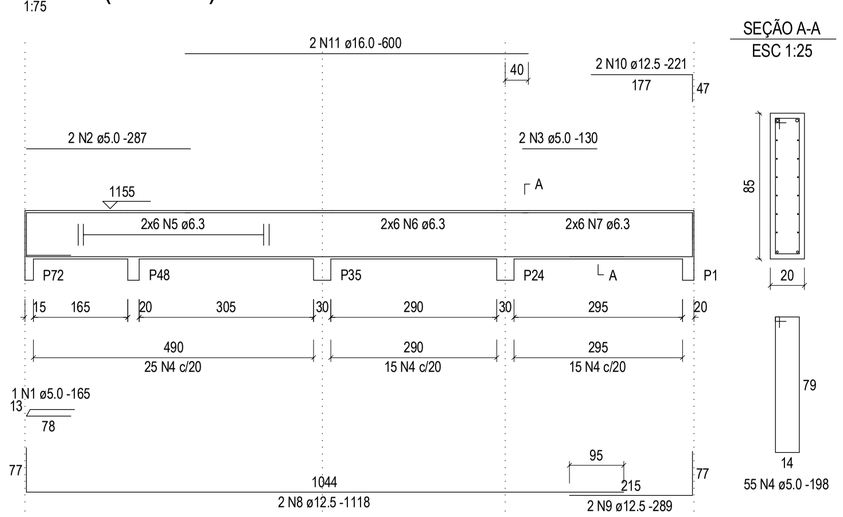
V221 (20 x 85)
1:75



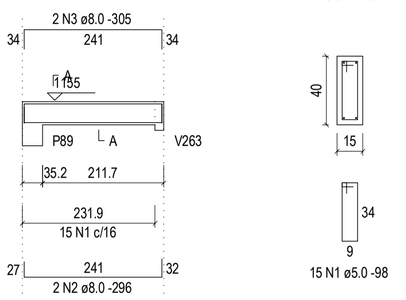
V220 (20 x 85)
1:75



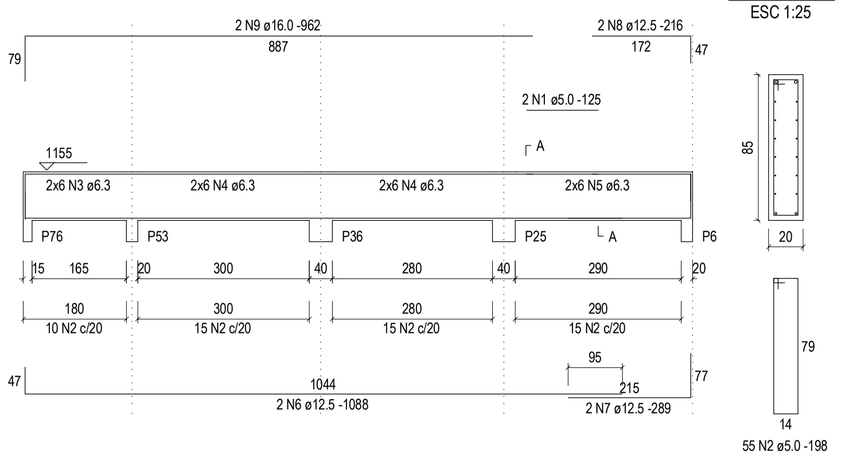
V223 (20 x 85)
1:75



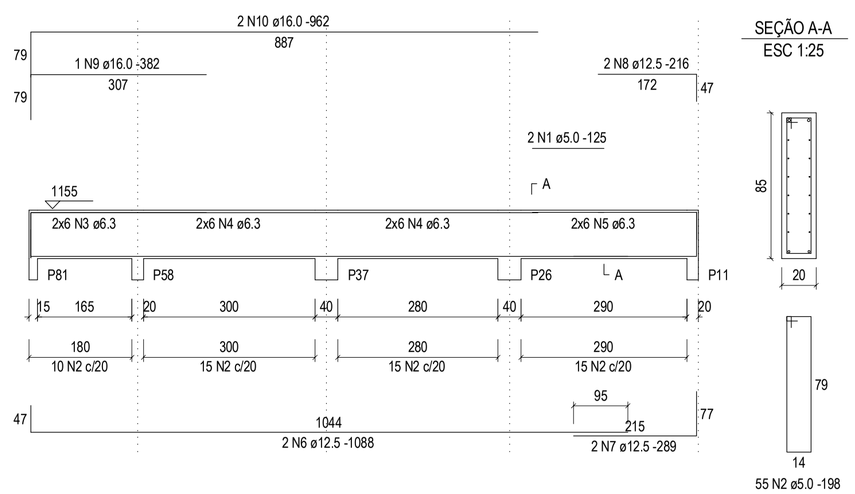
V254 (15 x 40)
1:75



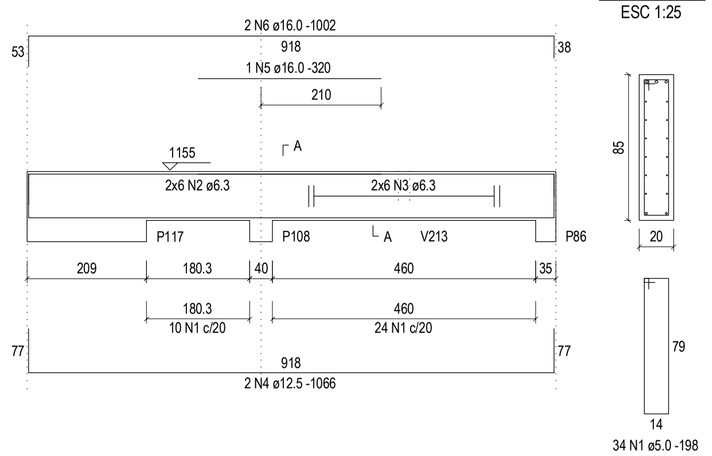
V226 (20 x 85)
1:75



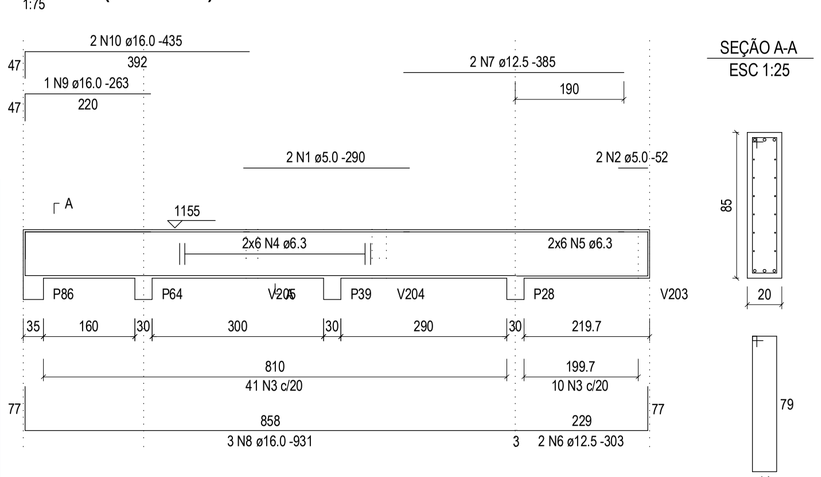
V229 (20 x 85)
1:75



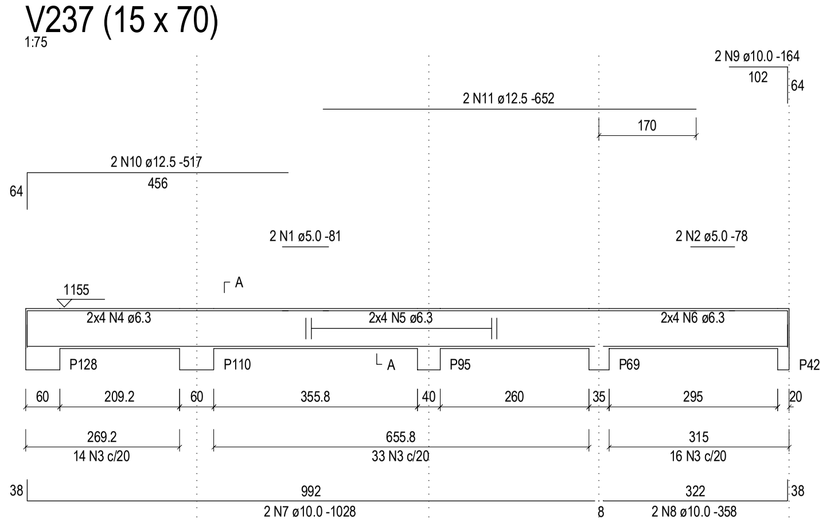
V234 (20 x 85)
1:75



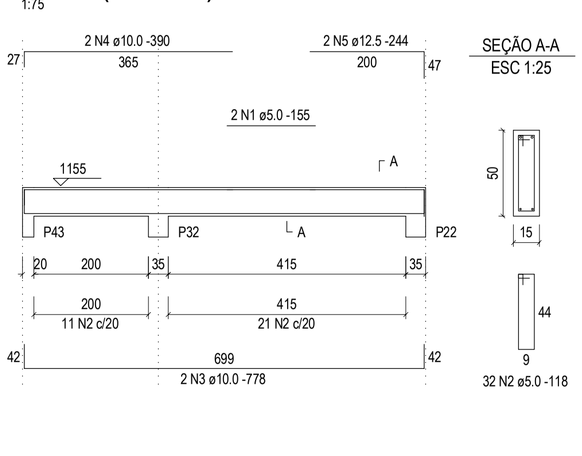
V235 (20 x 85)
1:75



V237 (15 x 70)
1:75



V238 (15 x 50)
1:75



Relação do aço

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
V218	CA60	1	5.0	6	195	1170
	CA60	2	5.0	2	205	410
	CA60	3	5.0	36	128	4608
	CA50	4	12.5	2	822	1644
	CA50	5	16.0	3	323	969
	CA50	6	16.0	2	345	690
V219	CA60	1	5.0	2	80	160
	CA60	2	5.0	2	130	260
	CA60	3	5.0	13	128	1664
	CA50	4	8.0	58	128	7424
	CA50	5	10.0	2	292	584
	CA50	6	12.5	2	549	1098
	CA50	7	16.0	2	497	994
	CA50	8	16.0	2	318	636
	CA50	9	16.0	1	240	240
	CA50	10	16.0	2	325	650
	CA50	11	16.0	2	410	820
	CA50	12	16.0	2	450	900
V220	CA60	1	5.0	2	143	286
	CA60	2	5.0	2	190	380
	CA60	3	5.0	2	290	580
	CA60	4	5.0	88	198	17424
	CA50	5	6.3	12	CORR	7260
	CA50	6	6.3	12	CORR	8928
	CA50	7	6.3	12	CORR	7524
	CA50	8	12.5	2	690	1380
	CA50	9	12.5	2	691	1382
	CA50	10	16.0	1	277	277
	CA50	11	16.0	2	603	1206
	CA50	12	16.0	2	455	910
	CA50	13	16.0	1	575	575
	CA50	14	16.0	2	835	1670
	CA50	15	16.0	1	295	295
	CA50	16	16.0	2	450	900
V221	CA60	1	5.0	2	50	100
	CA60	2	5.0	2	55	110
	CA60	3	5.0	62	198	12276
	CA50	4	6.3	12	CORR	6288
	CA50	5	6.3	12	CORR	6348
	CA50	6	6.3	12	CORR	3228
	CA50	7	12.5	2	329	658
	CA50	8	12.5	2	251	502
	CA50	9	12.5	2	501	1002
	CA50	10	16.0	2	1081	2162
	CA50	11	16.0	1	390	390
	CA50	12	16.0	2	535	1070
V223	CA60	1	5.0	1	165	165
	CA60	2	5.0	2	287	574
	CA60	3	5.0	2	130	260
	CA60	4	5.0	55	198	10890
	CA50	5	6.3	12	CORR	6348
	CA50	6	6.3	12	CORR	4128
	CA50	7	6.3	12	CORR	4068
	CA50	8	12.5	2	1118	2236
	CA50	9	12.5	2	289	578
	CA50	10	12.5	2	221	442
	CA50	11	16.0	2	600	1200
V226	CA60	1	5.0	2	125	250
	CA60	2	5.0	55	198	10890
	CA50	3	6.3	12	CORR	2328
	CA50	4	6.3	24	CORR	8496
	CA50	5	6.3	12	CORR	4128
	CA50	6	12.5	2	1088	2176
	CA50	7	12.5	2	289	578
	CA50	8	12.5	2	216	432
	CA50	9	16.0	2	962	1924
V229	CA60	1	5.0	2	125	250
	CA60	2	5.0	55	198	10890
	CA50	3	6.3	12	CORR	2328
	CA50	4	6.3	24	CORR	8496
	CA50	5	6.3	12	CORR	4128
	CA50	6	12.5	2	1088	2176
	CA50	7	12.5	2	289	578
	CA50	8	12.5	2	216	432
	CA50	9	16.0	1	382	382
	CA50	10	16.0	2	962	1924
V234	CA60	1	5.0	34	198	6732
	CA50	2	6.3	12	CORR	5076
	CA50	3	6.3	12	CORR	6348
	CA50	4	12.5	2	1066	2132
	CA50	5	16.0	1	320	320
	CA50	6	16.0	2	1002	2004
V235	CA60	1	5.0	2	290	580
	CA60	2	5.0	2	52	104
	CA60	3	5.0	51	198	10098
	CA50	4	6.3	12	CORR	10428
	CA50	5	6.3	12	CORR	2928
	CA50	6	12.5	2	303	606
	CA50	7	12.5	2	385	770
	CA50	8	16.0	3	931	2793
	CA50	9	16.0	1	263	263
	CA50	10	16.0	2	435	870
V237	CA60	1	5.0	2	81	162
	CA60	2	5.0	2	78	156
	CA60	3	5.0	63	158	9954
	CA50	4	6.3	8	CORR	2584
	CA50	5	6.3	8	CORR	5960
	CA50	6	6.3	8	CORR	2752
	CA50	7	10.0	2	1028	2056
	CA50	8	10.0	2	358	716
	CA50	9	10.0	2	164	328
	CA50	10	12.5	2	517	1034
	CA50	11	12.5	2	652	1304
V238	CA60	1	5.0	2	155	310
	CA60	2	5.0	32	118	3776
	CA50	3	10.0	2	778	1556
	CA50	4	10.0	2	390	780
	CA50	5	12.5	2	244	488
V254	CA60	1	5.0	15	98	1470
	CA50	2	8.0	2	296	592
	CA50	3	8.0	2	305	610

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	1201	293.9
	8.0	86.3	34
	10.0	60.2	37.1
	12.5	236.3	227.6
	16.0	270.4	426.7
CA60	5.0	1069.4	164.8

PESO TOTAL	
CA50	1019.3
CA60	164.8

Vol. de concreto total (C-25) = 18.85 m³
Área de forma total = 220.27 m²

Nº:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO ESTRUTURAL

PAVILHÃO DE SALAS DE AULA II
CAMPUS JK / DIAMANTINA
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI
CNPJ 16.888.315/0001-57

UFVJM

TÍTULO: VIGAS DO FORRO - PARTE 03

AUTOR PROJETO ARQUITETÔNICO / RT:
MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 09.566.686/0001-57
RT: ENG. CIVIL: ANTÔNIO AUGUSTO DE MACEDO – CREA: 81.746/DMG
RUA MARGARIDA CORTONA Nº799, CANAAN, SETE LAGOAS/MG
FONES: (31) 3771-0554 / 9997-3184
A.MACEDO Projetos e Engenharia
www.amacedoengenharia.com.br
Fones: (31) 3771-0554 / 9997-3184

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
VERSÃO 1	30.08.2011		30/48

ARQUIVO: PAVILHÃO DE AULAS\PA2-PTB-1210(2 PAVTOS) - EST

FORMATO INT. A1 (840x594cm)

JUSEPE GASPARI

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