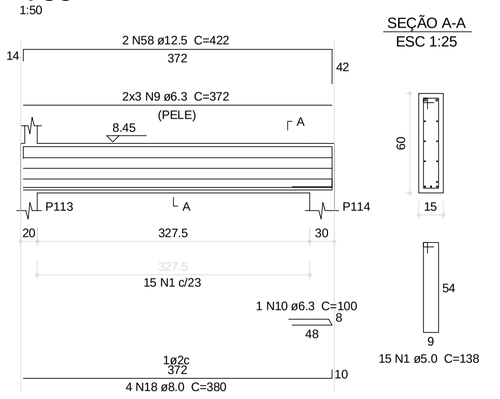
V35
1:50



V36
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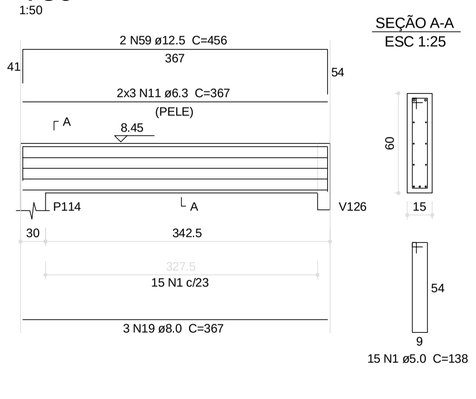

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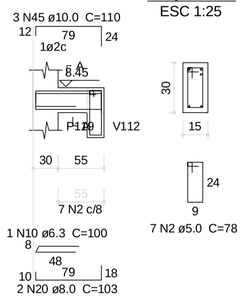
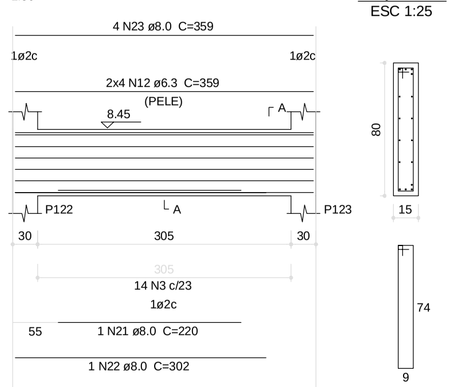
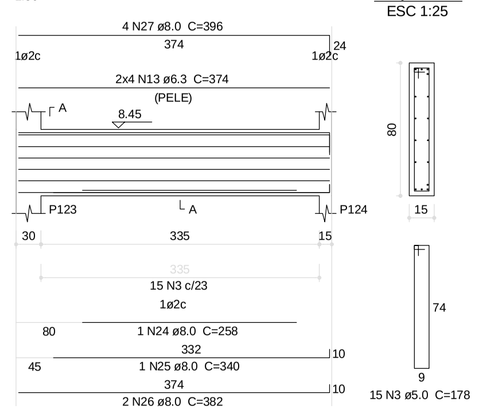


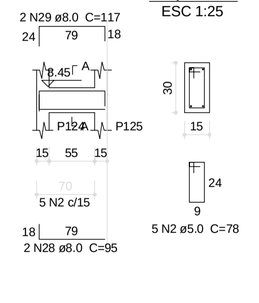
V39
1:50



V40
1:50



V41
1:50



Relação do aço

V35	V36	V38
V39	V40	V41
V42	V43	V44
V45	V46	V47
V48	V49	V50
V51	V52	V53
V54	V55	V56
V57	V58	V59
V61		

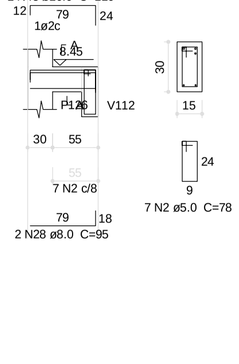
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	30	138	4140
	2	5.0	46	78	3588
	3	5.0	89	178	15842
	4	5.0	2	363	726
	5	5.0	79	188	14852
	6	5.0	49	98	4802
	7	5.0	2	470	940
	8	5.0	2	395	790
CA50	9	6.3	6	372	2232
	10	6.3	2	100	200
	11	6.3	6	367	2202
	12	6.3	20	359	7180
	13	6.3	8	374	2992
	14	6.3	20	714	14280
	15	6.3	8	709	5672
	16	6.3	12	379	4548
	17	6.3	2	70	140
	18	8.0	4	380	1520
	19	8.0	3	367	1101
	20	8.0	4	103	412
	21	8.0	1	220	220
	22	8.0	1	302	302
	23	8.0	6	359	2154
	24	8.0	1	258	258
	25	8.0	1	340	340
	26	8.0	2	382	764
	27	8.0	4	396	1584
	28	8.0	14	95	1330
	29	8.0	2	117	234
	30	8.0	4	219	876
	31	8.0	4	132	528
	32	8.0	4	248	992
	33	8.0	2	545	1090
	34	8.0	2	717	1434
	35	8.0	2	172	344
	36	8.0	4	117	468
	37	8.0	4	133	532
	38	8.0	8	101	808
	39	8.0	4	154	616
	40	8.0	2	171	342
	41	8.0	2	216	432
	42	8.0	2	236	472
	43	8.0	2	209	418
	44	8.0	2	263	526
	45	10.0	12	110	1320
	46	10.0	4	149	596
	47	10.0	2	139	278
	48	10.0	3	438	1314
	49	10.0	4	724	2896
	50	10.0	2	131	262
	51	10.0	1	189	189
	52	10.0	4	115	460
	53	10.0	1	161	161
	54	10.0	1	201	201
	55	10.0	2	276	552
	56	10.0	1	179	179
	57	10.0	2	127	254
	58	12.5	2	422	844
	59	12.5	2	456	912
	60	12.5	2	138	276
	61	12.5	2	205	410
	62	12.5	2	243	486
	63	12.5	2	359	718
	64	12.5	2	435	870
	65	12.5	2	379	758
	66	12.5	2	455	910
	67	12.5	1	435	435
	68	12.5	3	738	2214

Resumo do aço

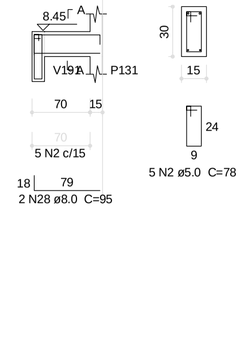
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	394.5	106.2
	8.0	201	87.2
	10.0	86.7	58.7
	12.5	88.4	93.6
CA60	5.0	456.8	77.4
PESO TOTAL			
CA50	345.8		
CA60	77.4		

Vol. de concreto total (C-30) = 6.67 m³
Área de forma total = 91.3 m²

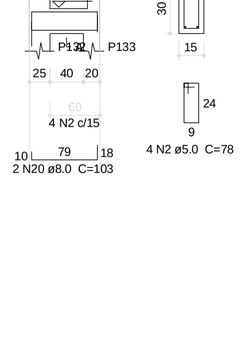
V42
1:50



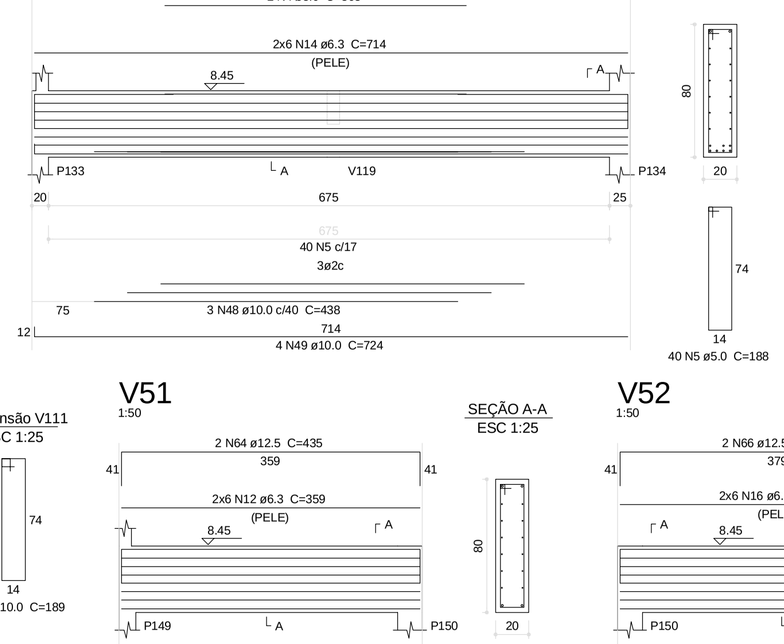
V43
1:50



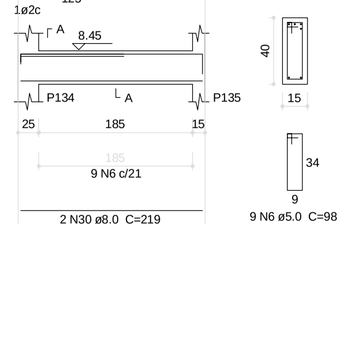
V44
1:50



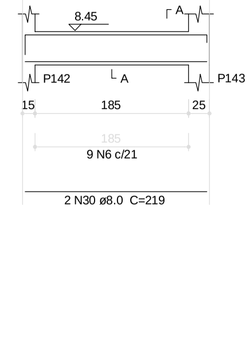
V45
1:50



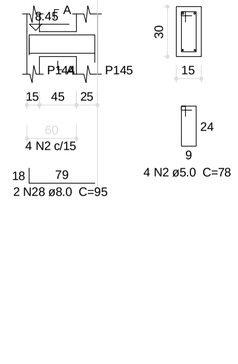
V46
1:50



V47
1:50



V49
1:50



V48
1:50

V50
1:50

V51
1:50

V52
1:50

V53
1:50

V56
1:50

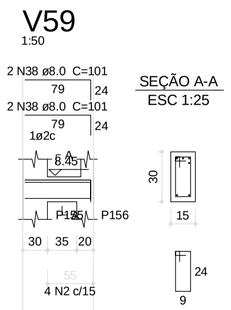
V54
1:50

V55
1:50

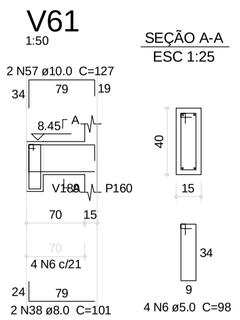
V57
1:50

V58
1:50

V59
1:50



V61
1:50



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CAMPUS 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
DETALHAMENTO DAS VIGAS DO 1º PAVIMENTO- 2/10
LEGENDAS

AUTOR PROJETO ESTRUTURAL / 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
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