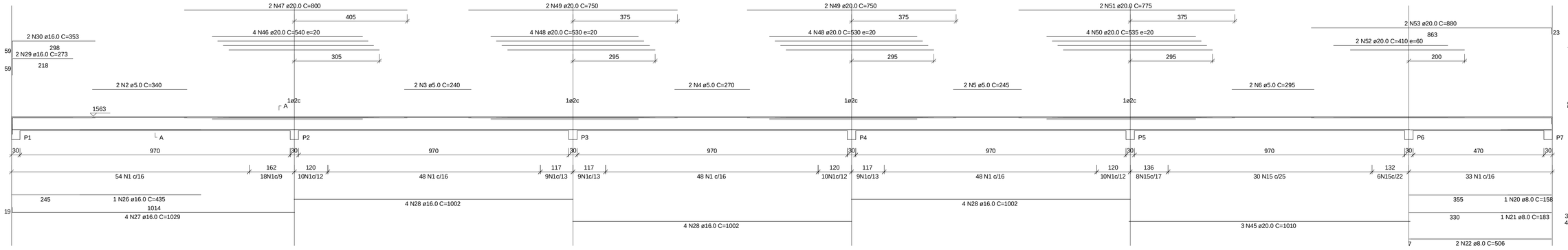
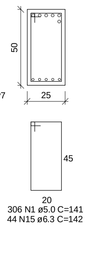
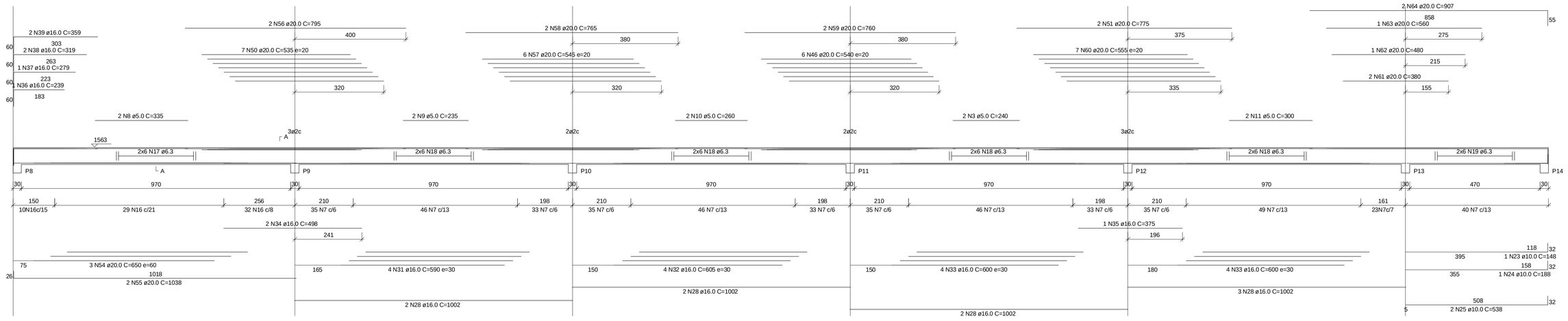
V1
1:75



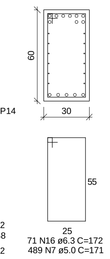
SEÇÃO A-A
ESC 1:20



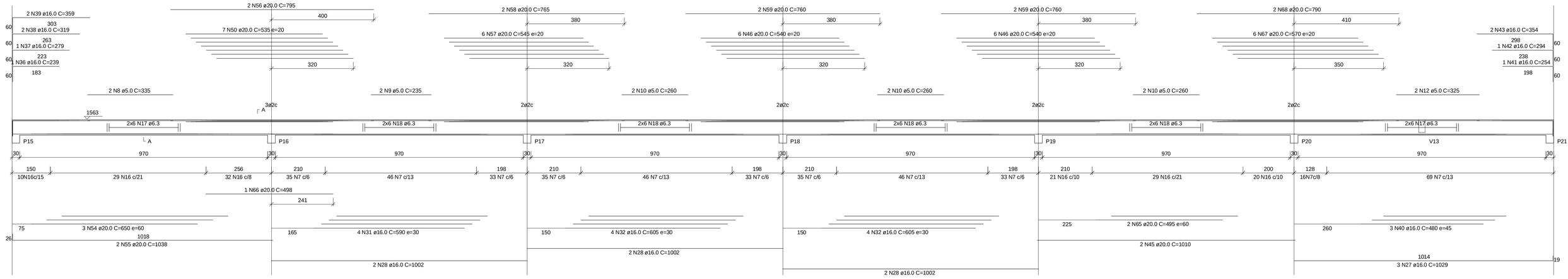
V2
1:75



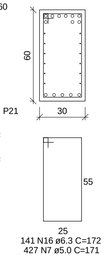
SEÇÃO A-A
ESC 1:20



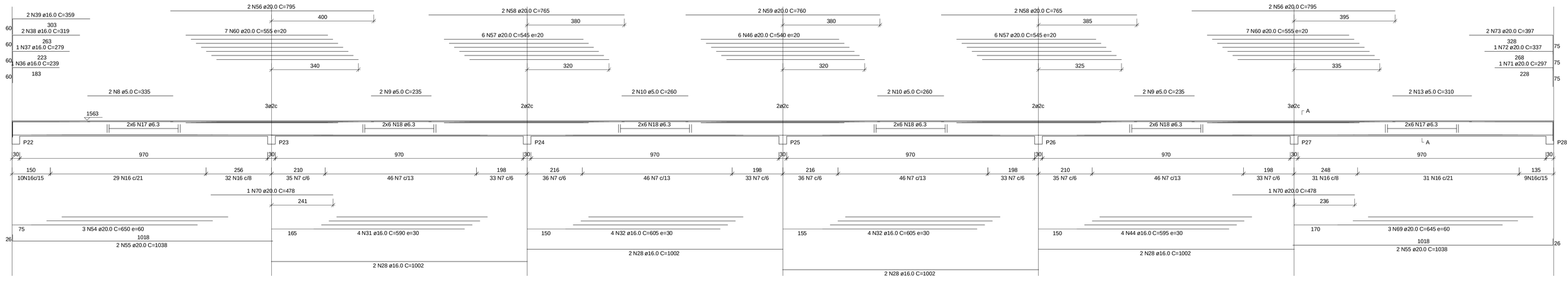
V3
1:75



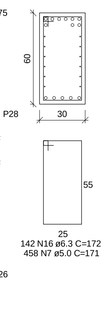
SEÇÃO A-A
ESC 1:20



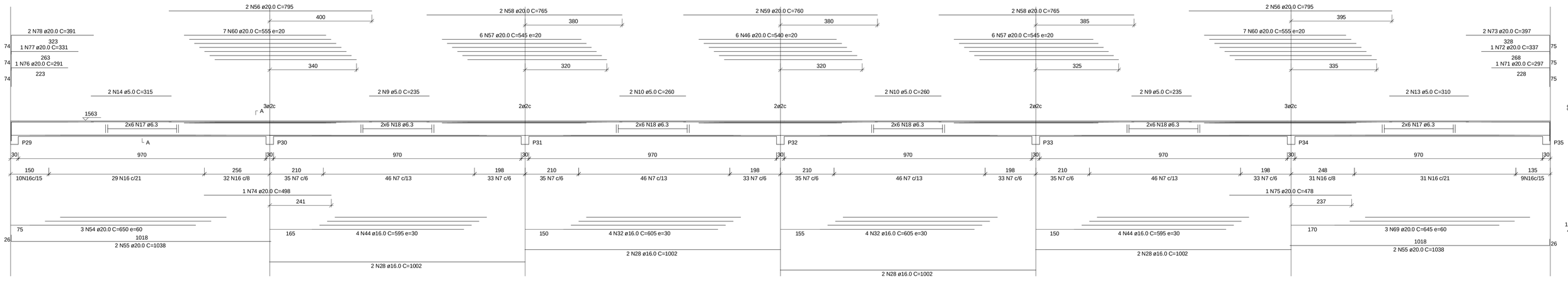
V4
1:75



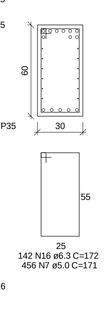
SEÇÃO A-A
ESC 1:20



V5
1:75



SEÇÃO A-A
ESC 1:20



RELAÇÃO DO AÇO

V1 V2 V3
V4 V5

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	306	141	43146
	2	5.0	2	340	680
	3	5.0	4	240	960
	4	5.0	2	270	540
	5	5.0	2	245	490
	6	5.0	2	295	590
	7	5.0	1830	171	312930
	8	5.0	6	335	2010
	9	5.0	12	235	2820
	10	5.0	16	260	4160
	11	5.0	2	300	600
	12	5.0	2	325	650
	13	5.0	4	310	1240
	14	5.0	2	315	630
50	15	6.3	44	142	6248
	16	6.3	496	172	85312
	17	6.3	84	corr	85260
	18	6.3	192	corr	192000
	19	6.3	12	corr	6180
	20	8.0	1	158	158
	21	8.0	1	183	183
	22	8.0	2	506	1012
	23	10.0	1	148	148
	24	10.0	1	188	188
	25	10.0	2	538	1076
	26	16.0	1	435	435
	27	16.0	7	1029	7203
	28	16.0	43	1002	43086
	29	16.0	2	273	546
	30	16.0	2	353	706
	31	16.0	12	590	7080
	32	16.0	28	605	16940
	33	16.0	8	600	4800
	34	16.0	2	498	996
	35	16.0	1	375	375
	36	16.0	3	239	717
	37	16.0	3	279	837
	38	16.0	6	319	1914
	39	16.0	6	359	2154
	40	16.0	3	480	1440
	41	16.0	1	254	254
	42	16.0	1	294	294
	43	16.0	2	354	708
	44	16.0	12	595	7140
	45	20.0	5	1010	5050
	46	20.0	34	540	18360
	47	20.0	2	800	1600
	48	20.0	8	530	4240
	49	20.0	4	750	3000
	50	20.0	18	535	9630
	51	20.0	4	775	3100
	52	20.0	2	410	820
	53	20.0	2	880	1760
	54	20.0	12	650	7800
	55	20.0	12	1038	12456
	56	20.0	12	795	9540
	57	20.0	36	545	19620
	58	20.0	12	765	9180
	59	20.0	10	760	7600
	60	20.0	35	555	19425
	61	20.0	2	380	760
	62	20.0	1	480	480
	63	20.0	1	560	560
	64	20.0	2	907	1814
	65	20.0	2	495	990
	66	20.0	1	498	498
	67	20.0	6	570	3420
	68	20.0	2	790	1580
	69	20.0	6	645	3870
	70	20.0	2	478	956
	71	20.0	2	297	594
	72	20.0	4	337	1348
	73	20.0	4	397	1588
	74	20.0	1	498	498
	75	20.0	1	478	478
	76	20.0	1	291	291
	77	20.0	1	331	331
	78	20.0	2	391	782

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	6.3	3748.9	1100.8
	8.0	13.5	5.9
	10.0	14.1	9.6
	16.0	976.4	1696.7
	20.0	1533.5	4163.7
CA60	5.0	3725.0	630.9
PESO TOTAL			
CA50		6886.7	
CA60		630.9	

Vol. de concreto total (C-25) =49.43 m³
Área de forma total = 423.43 m²

NOTA

- PROFUNDIDADE DAS ESTACAS SERÃO DEFINIDAS NO RELATÓRIO DE SONDAGEM

Nº	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO DE CÁLCULO ESTRUTURAL

OBSERVAÇÕES: CONFERIR MEDIDAS NA OBRA

COMPLEXO E TECNOLOGIA DA MADEIRA
CAMPUS JUSCELINO KUBITSCHECK
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

TÍTULO: DETALHES VIGAS DO TÉRREO
BLOCO PROCESSAMENTO MADEIRA

AUTOR PROJETO ESTRUTURAL / RT: ANDRÉ FERNANDO DA SILVA
CREA 78499/D - MG

DETALHAMENTO: ANDRÉ FERNANDO DA SILVA
CREA 78499/D - MG

VERSÃO:	DATA:	AUTOCAD:	FOLHA:
VERSAO 1	29.09.2010		05/11

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