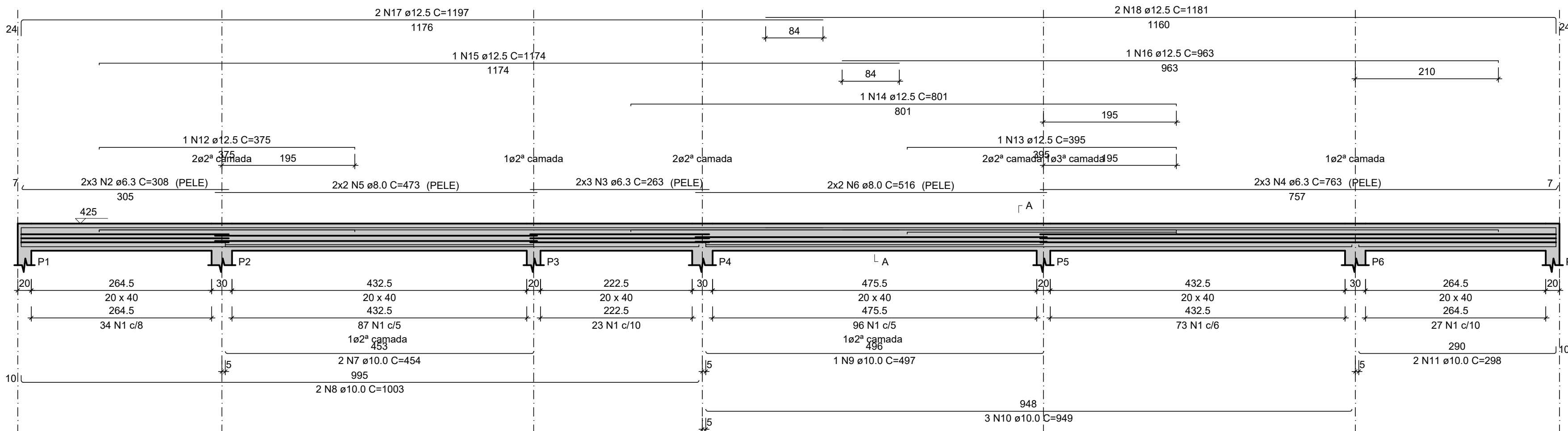


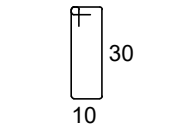
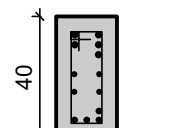
V1001

ESC 1:50



SEÇÃO A-A

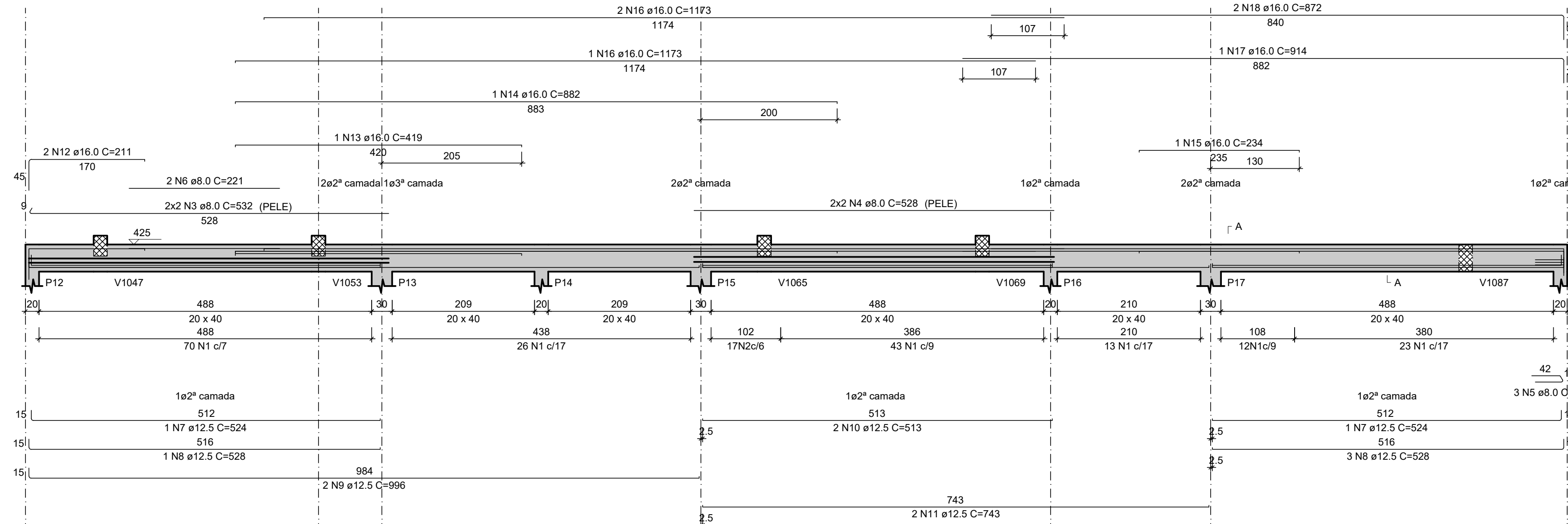
ESC 1:25



340 N1 ø5.0 C=91

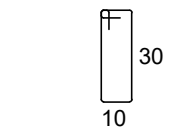
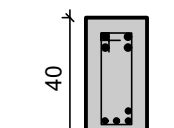
V1004

ESC 1:50



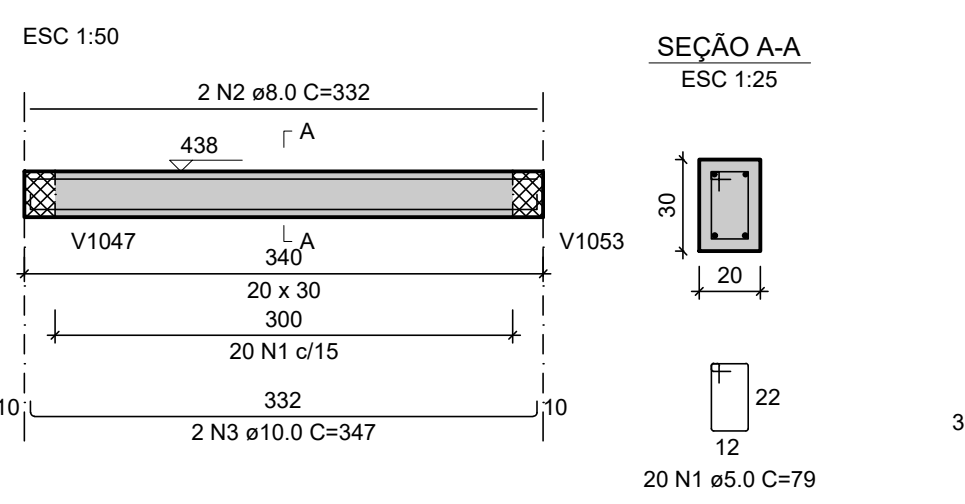
SEÇÃO A-A

ESC 1:25



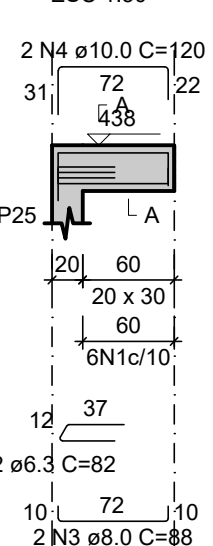
187 N1 ø5.0 C=91
17 N2 ø6.3 C=92

V1006=V1007=V1008=V1009=V1025
V1026=V1027=V1028=V1029=V1030



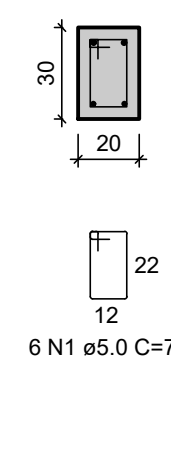
V1011

ESC 1:50



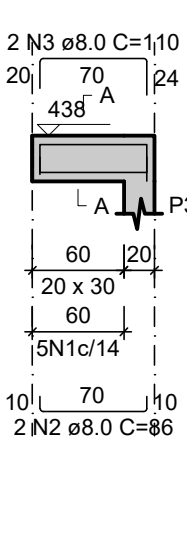
V1016

ESC 1:50

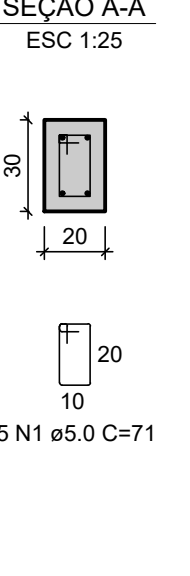


V1005

ESC 1:50



V1020=V1021=V1034
V1035=V1039

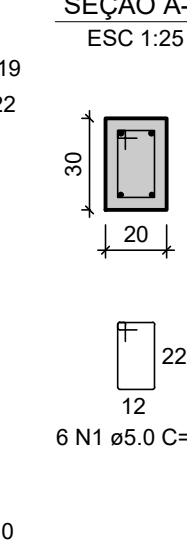


V1000=V1002=V1003
V1012=V1013=V1015



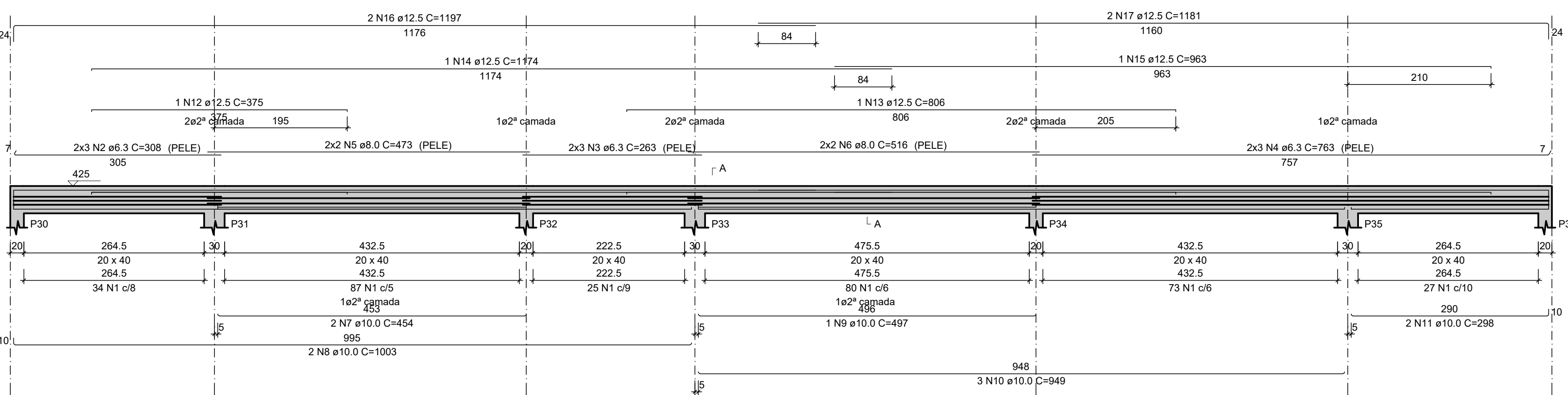
V1024=V1032

ESC 1:50



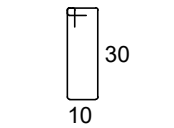
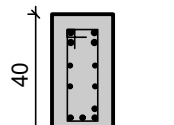
V1014

ESC 1:50



SEÇÃO A-A

ESC 1:25



326 N1 ø5.0 C=91

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
6xV1000	CA60	1	5.0	24	79	1896
	CA50	2	8.0	12	88	1056
	CA50	3	8.0	12	114	1368
	CA60	1	5.0	340	91	30940
	CA50	2	6.3	6	308	1848
	CA50	3	6.3	6	263	1578
	CA50	4	6.3	6	763	4578
	CA50	5	8.0	4	473	1892
	CA50	6	8.0	4	516	2064
	CA50	7	10.0	2	454	908
	CA50	8	10.0	2	1003	2006
	CA50	9	10.0	1	497	497
	CA50	10	10.0	3	949	2847
	CA50	11	10.0	2	298	596
	CA50	12	12.5	1	375	375
	CA50	13	12.5	1	806	806
	CA50	14	12.5	1	1174	1174
	CA50	15	12.5	1	963	963
V1004	CA50	16	12.5	1	1197	2394
	CA50	18	12.5	2	1181	2362
	CA60	1	5.0	187	91	17017
	CA50	2	6.3	17	92	1564
	CA50	3	8.0	4	532	2128
	CA50	4	8.0	4	528	2112
	CA50	6	8.0	2	221	442
	CA50	7	12.5	2	524	1048
	CA50	8	12.5	4	528	2112
	CA50	9	12.5	2	996	1992
	CA50	10	12.5	2	513	1026
	CA50	11	12.5	2	743	1486
	CA50	12	16.0	2	211	422
	CA50	13	16.0	1	419	419
	CA50	14	16.0	1	882	882
	CA50	15	16.0	1	234	234
	CA50	16	16.0	3	1173	3519
V1005	CA50	17	16.0	1	914	914
	CA50	18	16.0	1	872	1744
	CA60	1	5.0	6	79	474
	CA50	2	6.3	3	82	246
	CA50	3	8.0	2	86	176
	CA50	4	10.0	2	119	238
	CA60	1	5.0	200	79	15800
	CA50	2	8.0	20	332	6640
	CA50	3	10.0	20	347	6940
	CA60	1	5.0	6	79	474
	CA50	2	6.3	3	82	246
	CA50	3	8.0	2	88	176
	CA50	4	10.0	2	120	240
	CA60	1	5.0	328	91	29966
	CA50	2	6.3	6	308	1848
	CA50	3	6.3	6	263	1578
	CA50	4	6.3	6	763	4578
10xV1006	CA50	5	8.0	4	473	1892
	CA50	6	8.0	4	516	2064
	CA50	7	10.0	2	454	908
	CA50	8	10.0	2	1003	2006
	CA50	9	10.0	1	497	497
	CA50	10	10.0	3	949	2847
	CA50	11	10.0	2	298	596
	CA50	12	12.5	1	375	375
	CA50	13	12.5	1	806	806
	CA50	14	12.5	1	1174	1174
	CA50	15	12.5	1	963	963
	CA50	16	12.5	2	1197	2394
	CA50	17	12.5	2	1181	2362
	CA60	1	5.0	5	71	355
	CA50	2	8.0	2	86	172
	CA50	3	8.0	2	110	220
	CA60	1	5.0	14	71	994
V1016	CA50	2	6.3	6	78	468
	CA50	3	8.0	4	86	344
	CA50	4	10.0	4	117	468
	CA60	1	5.0	24	99	2376
	CA50	2	10.0	2	453	906
	CA50	3	12.5	2	497	994
	CA60	1	5.0	25	71	1775
	CA50	2	8.0	10	86	860
	CA50	3	8.0	10	110	1100
	CA60	1	5.0	80	79	6320
	CA50	2	8.0	8	372	2976
	CA50	3	10.0	12	347	4164
	CA50	4	10.0	12	347	4164
	CA50	5	10.0	12	347	4164
	CA50	6	10.0	12	347	4164
	CA50	7	10.0	12	347	4164
	CA50	8	10.0	12	347	4164
	CA50	9	10.0	12	347	4164
	CA50	10	10.0	12	347	4164

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	185.3	49.9
	8.0	279.5	121.3
	10.0	266.6	180.8
	12.5	252	267
	16.0	81.3	141.2
CA60	5.0	1080.9	183.3

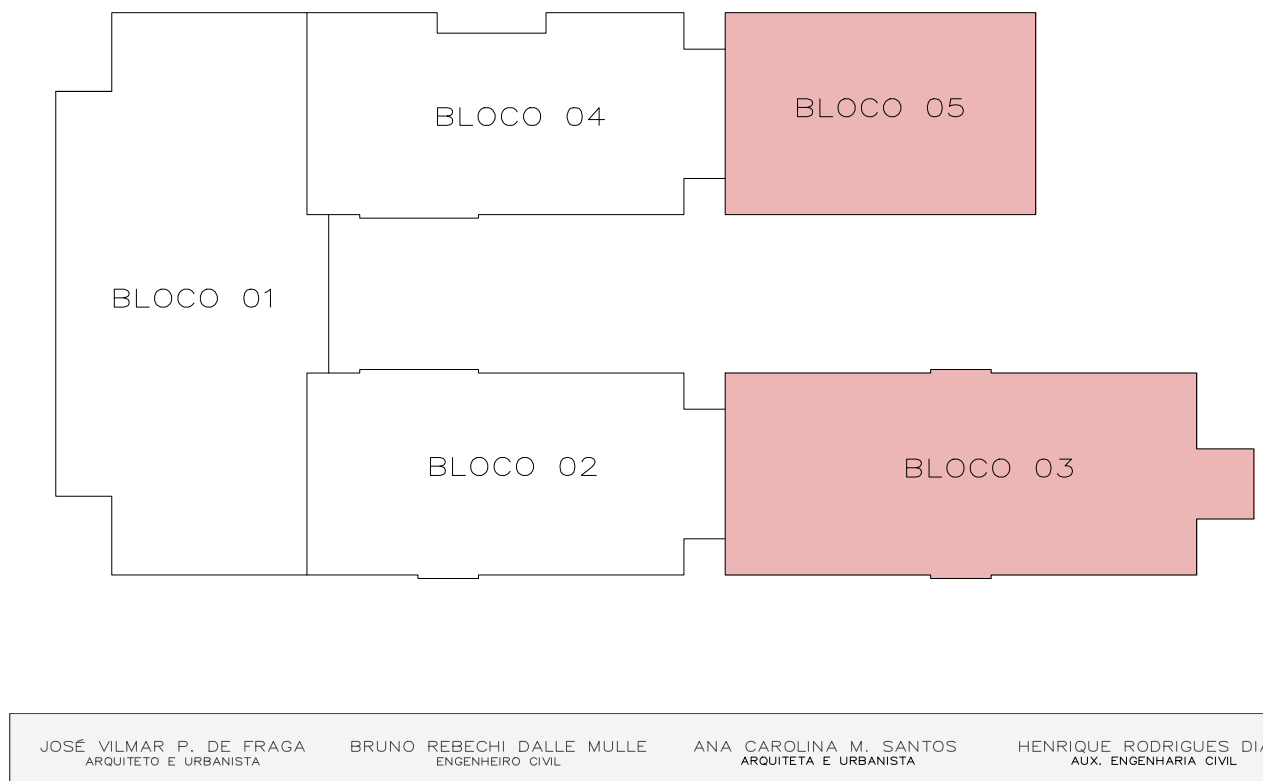
PESO TOTAL (kg)

CA50 760.3

CA60 183.3

Volume de concreto (C-30) = 8.69 m³

Área de forma = 76.02 m²

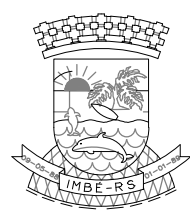


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ENGENHEIRO CIVIL

ANA CAROLINA M. SANTOS
ARQUITETA E URBANISTA

HENRIQUE RODRIGUES DIAS
ARQUITETA E URBANISTA



ESTADO DO RIO GRANDE DO SUL

PREFEITURA MUNICIPAL DE IMBÉ

AVENIDA PARAGUASSU, 2070 - CENTRO - IMBÉ - RS

FONE: 51-3627.8815 - CEP: 95.625-000

OBRA: E. M. E. F. RUI BARBOSA

NOVAS INSTALAÇÕES

ADMINISTRAÇÃO 2025/2028	PROJETO: BAIRRO MARILUZ - IMBÉ - RS TERRENO URBANO - SETOR 35	DESENHO: BRUNO
SECRETARIA MUNICIPAL DE EDUCAÇÃO	SECRETARIA MUNICIPAL DE EDUCAÇÃO	ESCALA: INDICADAS
email@imbe.rs.gov.br	SECRETARIA MUNICIPAL DE EDUCAÇÃO	DATA: ABRIL 2025
	SECRETARIA MUNICIPAL DE EDUCAÇÃO	ÁREA: 2.491,91m²
	SECRETARIA MUNICIPAL DE EDUCAÇÃO	PERÍODO: 49/56



PROJETO: ESTRUCTURAL

ARMADURA DAS VIGAS DE COBERTURA - BLOCOS 03 E 05 - 01