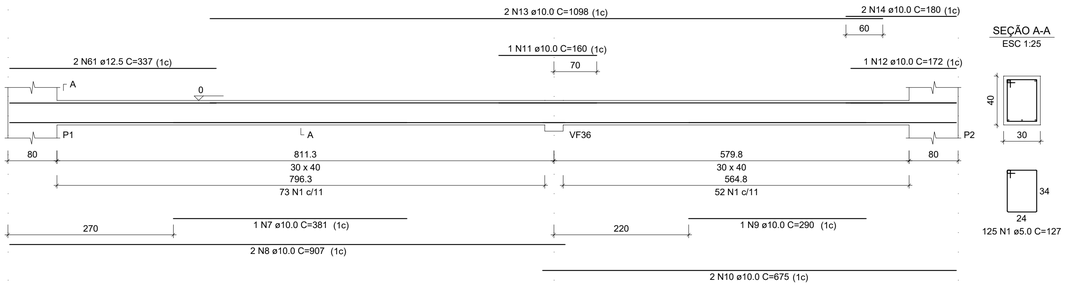
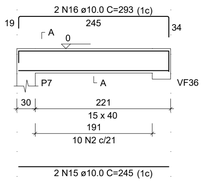
VF1
ESC 1:50



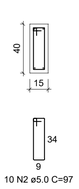
SEÇÃO A-A
ESC 1:25

125 N1 ø5.0 C=127

VF2
ESC 1:50

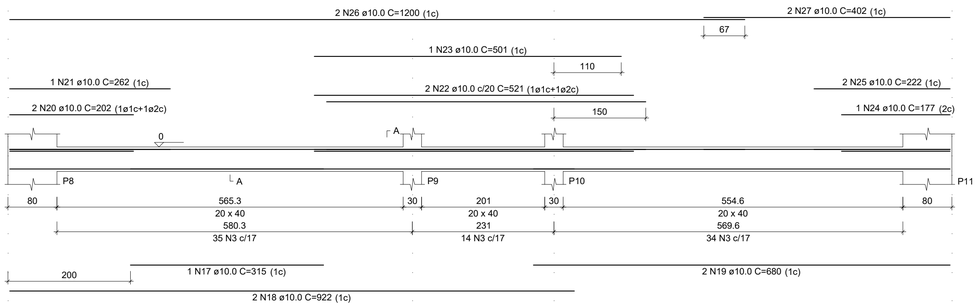


SEÇÃO A-A
ESC 1:25

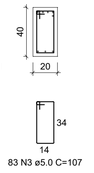


10 N2 ø5.0 C=97

VF3
ESC 1:50

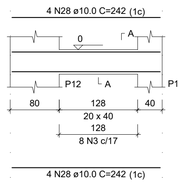


SEÇÃO A-A
ESC 1:25

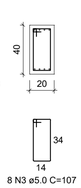


83 N3 ø5.0 C=107

VF4
ESC 1:50

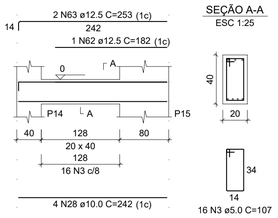


SEÇÃO A-A
ESC 1:25



8 N3 ø5.0 C=107

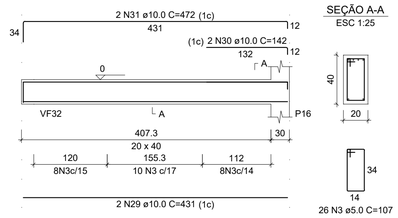
VF5
ESC 1:50



SEÇÃO A-A
ESC 1:25

16 N3 ø5.0 C=107

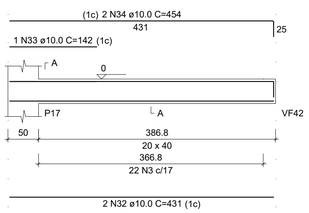
VF6
ESC 1:50



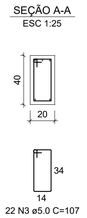
SEÇÃO A-A
ESC 1:25

26 N3 ø5.0 C=107

VF7
ESC 1:50

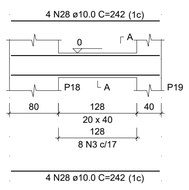


SEÇÃO A-A
ESC 1:25

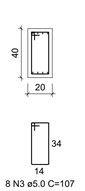


22 N3 ø5.0 C=107

VF8
ESC 1:50

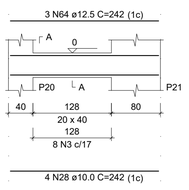


SEÇÃO A-A
ESC 1:25

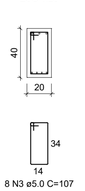


8 N3 ø5.0 C=107

VF9
ESC 1:50

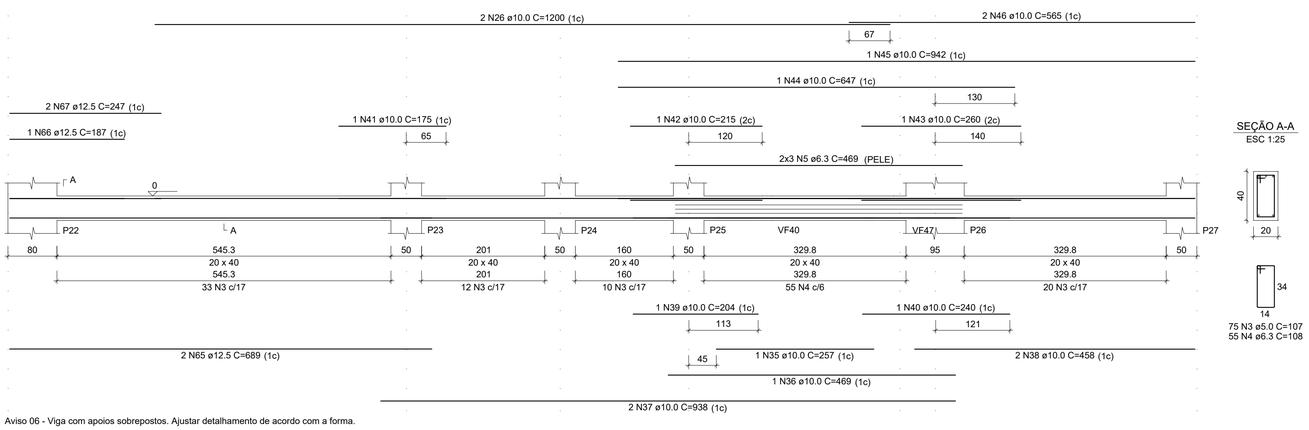


SEÇÃO A-A
ESC 1:25



8 N3 ø5.0 C=107

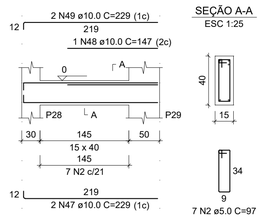
VF10
ESC 1:50



SEÇÃO A-A
ESC 1:25

75 N3 ø5.0 C=107
55 N4 ø6.3 C=108

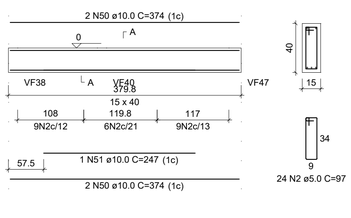
VF11
ESC 1:50



SEÇÃO A-A
ESC 1:25

7 N2 ø5.0 C=97

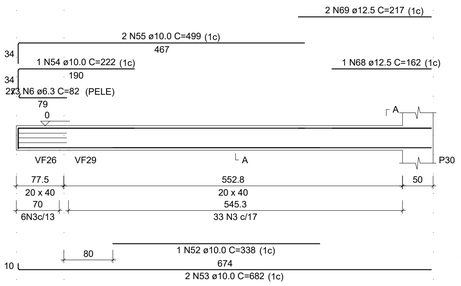
VF12
ESC 1:50



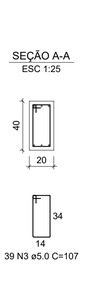
SEÇÃO A-A
ESC 1:25

24 N2 ø5.0 C=97

VF13
ESC 1:50

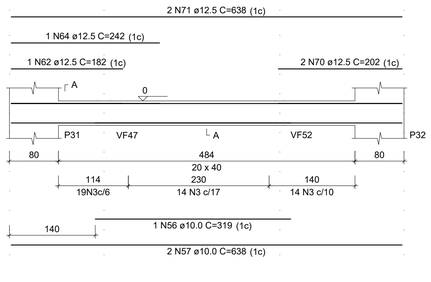


SEÇÃO A-A
ESC 1:25

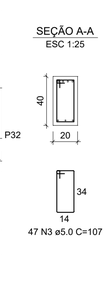


39 N3 ø5.0 C=107

VF14
ESC 1:50

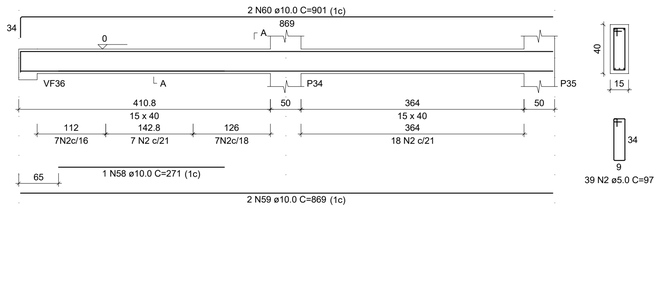


SEÇÃO A-A
ESC 1:25



47 N3 ø5.0 C=107

VF15
ESC 1:50



SEÇÃO A-A
ESC 1:25

39 N2 ø5.0 C=97

Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

RELAÇÃO DO AÇO

VF1	VF2	VF3
VF4	VF5	VF6
VF7	VF8	VF9
VF10	VF11	VF12
VF13	VF14	VF15

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	125	127	15875
	2	5.0	80	97	7760
	3	5.0	332	107	35524
CA50	4	6.3	55	108	5940
	5	6.3	6	469	2814
	6	6.3	6	82	492
	7	10.0	1	381	381
	8	10.0	2	907	1814
	9	10.0	1	290	290
	10	10.0	2	675	1350
	11	10.0	1	160	160
	12	10.0	1	172	172
	13	10.0	2	1098	2196
	14	10.0	2	180	360
	15	10.0	2	245	490
	16	10.0	2	293	586
	17	10.0	1	315	315
	18	10.0	2	922	1844
	19	10.0	2	680	1360
	20	10.0	2	202	404
	21	10.0	1	262	262
	22	10.0	2	521	1042
	23	10.0	1	501	501
	24	10.0	1	177	177
	25	10.0	2	222	444
	26	10.0	4	1200	4800
	27	10.0	2	402	804
	28	10.0	24	242	5808
	29	10.0	2	431	862
	30	10.0	2	142	284
	31	10.0	2	472	944
	32	10.0	2	431	862
	33	10.0	1	142	142
	34	10.0	2	454	908
	35	10.0	1	257	257
	36	10.0	1	469	469
	37	10.0	2	938	1876
	38	10.0	2	458	916
	39	10.0	1	204	204
	40	10.0	1	240	240
	41	10.0	1	175	175
	42	10.0	1	215	215
	43	10.0	1	260	260
	44	10.0	1	647	647
	45	10.0	1	942	942
	46	10.0	2	565	1130
	47	10.0	2	229	458
	48	10.0	1	147	147
	49	10.0	2	229	458
	50	10.0	4	374	1496
	51	10.0	1	247	247
	52	10.0	1	338	338
	53	10.0	2	682	1364
	54	10.0	1	222	222
	55	10.0	2	499	998
	56	10.0	1	319	319
	57	10.0	2	638	1276
	58	10.0	1	271	271
	59	10.0	2	869	1738
	60	10.0	2	901	1802
	61	12.5	2	337	674
	62	12.5	2	182	364
	63	12.5	2	253	506
	64	12.5	4	242	968
	65	12.5	2	689	1378
	66	12.5	1	187	187
	67	12.5	2	247	494
	68	12.5	1	162	162
	69	12.5	2	217	434
	70	12.5	2	202	404
	71	12.5	2	638	1276

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	92.5	24.9
	10.0	480.3	325.7
	12.5	68.5	72.6
CA60	5.0	591.6	100.3

PESO TOTAL (kg)	
CA50	423.2
CA60	100.3

Volume de concreto (C-30) = 6.82 m³
Área de forma = 82.75 m²

CONSTRUTORA STONE
Tudo pelo gol do cliente!

CONSTRUTORA STONE

OBRA:
NÚCLEO INFANTIL CANTINHO DO CÉU

ÁREA EXISTENTE:
0,00 m²

ÁREA A CONSTRUIR:
1.119,17,30m²

LOCAL:
BOM JESUS DO AMPARO - MG

EQUIPE TÉCNICA:
EQUIPE QUE PARTICIPOU DO PROJETO

PROPRIETARIO
NOME DO CLIENTE
CPF: 000.000.000-00

RESP. TÉCNICO - ENGENHEIRO CIVIL
CLAUDIONOR RODRIGUES DE FIGUEIREDO:05826255641
Assinado de forma digital por CLAUDIONOR RODRIGUES DE FIGUEIREDO:05826255641 Dados: 2023.02.22 17:04:48 +00'44'
STONE
CREA/PR: 000000/D

CONTEÚDO:
VIGAS DE FUNDAÇÃO

PROJETO
PROJETO ESTRUTURAL

ESCALA	DESENHISTA	DATA	FOLHA
INDICADA	STONE	FEV/2020	28/ 67

DIREITOS AUTORAIS RESERVADOS. PROIBIDA A REPRODUÇÃO TOTAL OU PARCIAL.