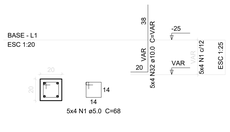
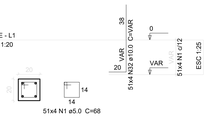
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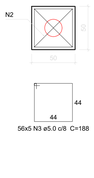


P2=P4=P5=P6=P7=P8=P9=P10=P11=P12=P13
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=P25=P27=P28=P29=P30=P32=P33=P34=P35
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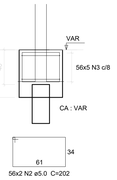


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=B33=B34=B35=B36=B37=B38=B39=B40=B41
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1ø20

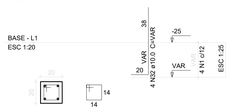
PLANTA
ESC 1:25



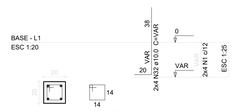
CORTE
ESC 1:25



P45

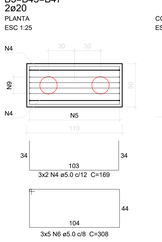


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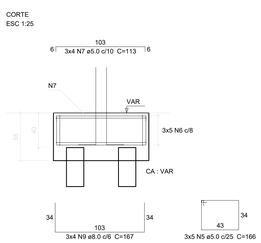


B3=B45=B47
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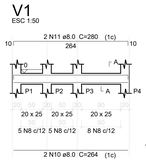
PLANTA
ESC 1:25



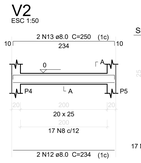
CORTE
ESC 1:25



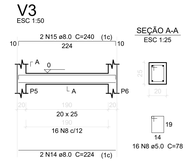
V1
ESC 1:50



V2
ESC 1:50



V3
ESC 1:50



Relação do aço

B47	B60	V1	
V2	V3	V4	
V5	V6	V7	
V8	V9	V10	
V11	V12	V13	
V14	V15	V16	
V17	V18	V19	
V20	V21	V22	
V23	V24	V25	
V28	V27	V28	
V29	V30	V31	
V32	V33	V34	
V35	V36	V37	
V38	V39	V40	
V41	V42	V43	
V44	V45	V46	
V47	V48	V49	
V50	V51	V52	
V53	V54	V55	
V56	V57	V58	
V59	V60	V61	
V62	V63		

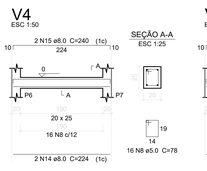
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	236	68	16048
	2	5.0	112	202	22624
	3	5.0	280	188	52640
	4	5.0	6	169	1014
	5	5.0	15	166	2490
	6	5.0	15	308	4620
	7	5.0	12	113	1356
	8	5.0	1185	78	92430
CA50	9	8.0	12	167	2004
	10	8.0	4	264	1056
	11	8.0	12	280	3360
	12	8.0	4	234	936
	13	8.0	4	250	1000
	14	8.0	40	224	8960
	15	8.0	40	240	9600
	16	8.0	36	214	8132
	17	8.0	38	230	8740
	18	8.0	8	272	2176
	19	8.0	18	414	7452
	20	8.0	1	140	140
	21	8.0	6	450	2700
	22	8.0	4	75	300
	23	8.0	6	394	2364
	24	8.0	4	446	1784
	25	8.0	4	449	1796
	26	8.0	8	470	3760
	27	8.0	2	445	890
	28	8.0	4	210	840
	29	8.0	6	227	1362
	30	8.0	4	194	776
	31	8.0	4	210	840
	32	10.0	236	VAR	VAR

Resumo do aço

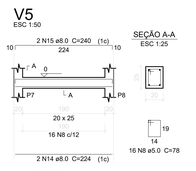
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	709.7	308
	10.0	226.6	153.7
CA60	5.0	1932.3	327.6
PESO TOTAL			
CA50		461.7	
CA60		327.6	

Vol. de concreto total (C-25) = 17.6 m³
Área de forma total = 202.49 m²

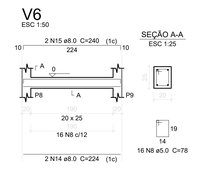
V4
ESC 1:50



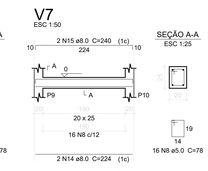
V5
ESC 1:50



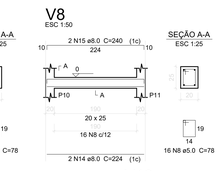
V6
ESC 1:50



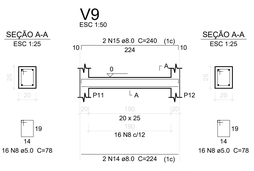
V7
ESC 1:50



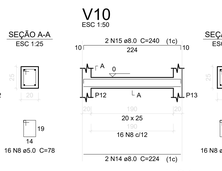
V8
ESC 1:50



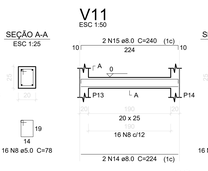
V9
ESC 1:50



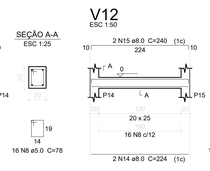
V10
ESC 1:50



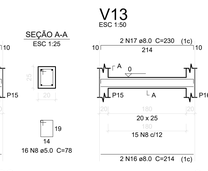
V11
ESC 1:50



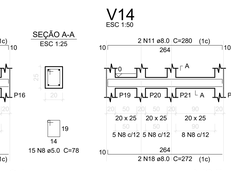
V12
ESC 1:50



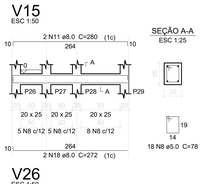
V13
ESC 1:50



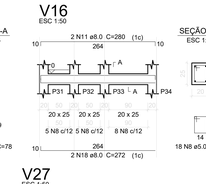
V14
ESC 1:50



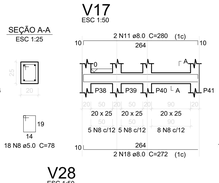
V15
ESC 1:50



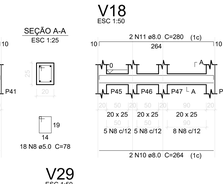
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ESC 1:50



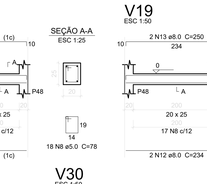
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ESC 1:50



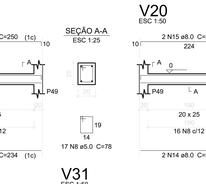
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ESC 1:50



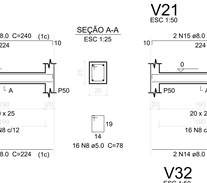
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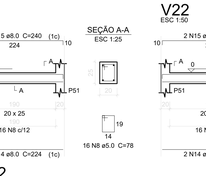
V20
ESC 1:50



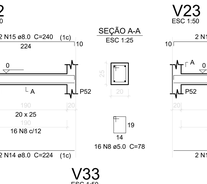
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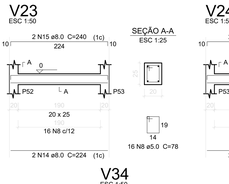
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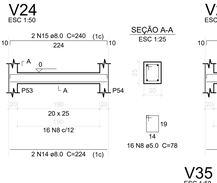
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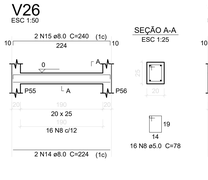
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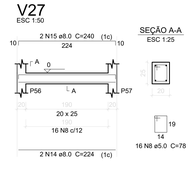
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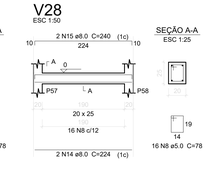
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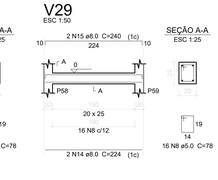
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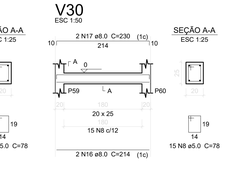
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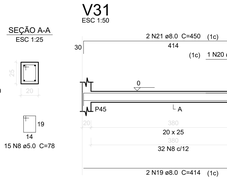
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ESC 1:50



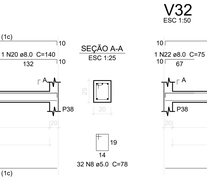
V30
ESC 1:50



V31
ESC 1:50



V32
ESC 1:50



V33
ESC 1:50

V34
ESC 1:50

V35
ESC 1:50

V36
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V37
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V38
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V39
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V41
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V61
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V62
ESC 1:50

V63
ESC 1:50

PREFEITURA MUNICIPAL DE SERRANIA
CNPJ: 18.243.261/0001-06

Proprietário:	PREFEITURA MUNICIPAL DE SERRANIA
Projeto:	ESTRUTURAL
Ref.:	BLOCOS E BALDRAME
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Data:	FEV./2019
Autores:	SAMIR ABDALA N. FERREIRA Engenheiro Civil - CREA 240413/D - MG
Escala:	1/50
Folha:	03