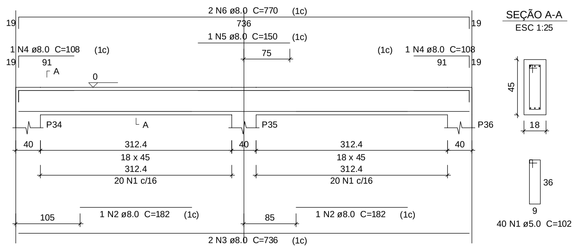
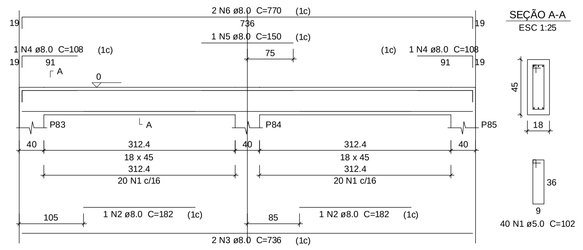
V6
ESC 1:50



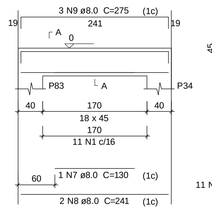
SEÇÃO A-A
ESC 1:25

V14
ESC 1:50

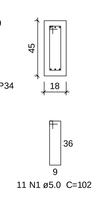


SEÇÃO A-A
ESC 1:25

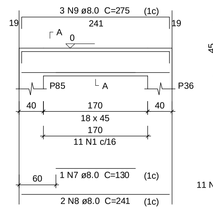
V28
ESC 1:50



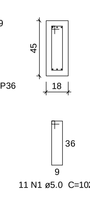
SEÇÃO A-A
ESC 1:25



V29
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V6
V29

V14 V28

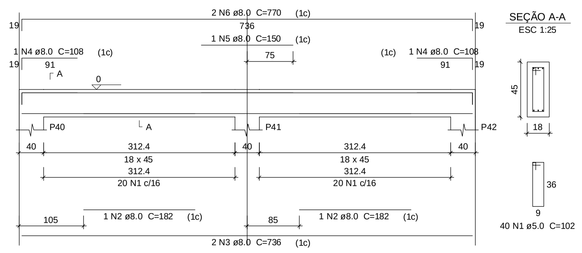
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	102	102	10404
CA50	2	8.0	4	182	728
	3	8.0	4	736	2944
	4	8.0	4	108	432
	5	8.0	2	150	300
	6	8.0	4	770	3080
	7	8.0	2	130	260
	8	8.0	4	241	964
	9	8.0	6	275	1650

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	103.6	45
CA60	5.0	104.1	17.6
PESO TOTAL (kg)			
CA50	45		
CA60	17.6		

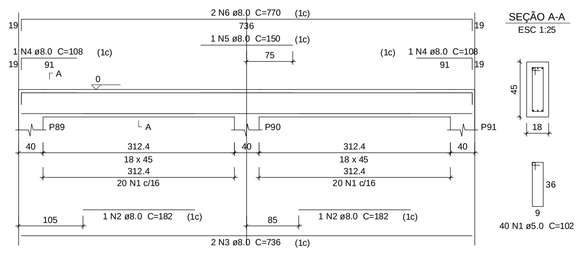
Volume de concreto (C-40) = 1.61 m³
Área de forma = 21.49 m²

V7
ESC 1:50



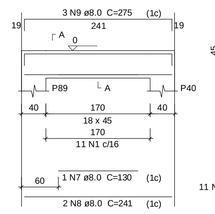
SEÇÃO A-A
ESC 1:25

V15
ESC 1:50

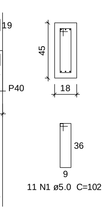


SEÇÃO A-A
ESC 1:25

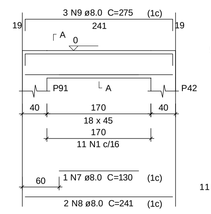
V30
ESC 1:50



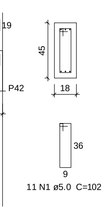
SEÇÃO A-A
ESC 1:25



V31
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V7
V31

V15 V30

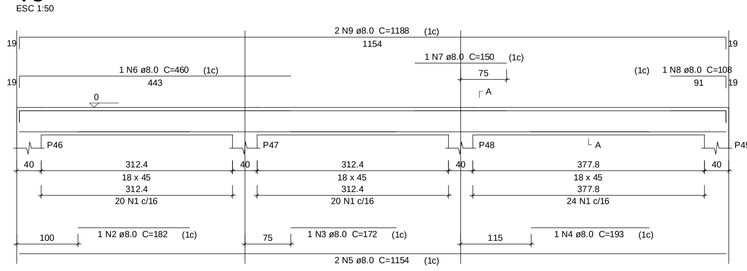
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	102	102	10404
CA50	2	8.0	4	182	728
	3	8.0	4	736	2944
	4	8.0	4	108	432
	5	8.0	2	150	300
	6	8.0	4	770	3080
	7	8.0	2	130	260
	8	8.0	4	241	964
	9	8.0	6	275	1650

Resumo do aço

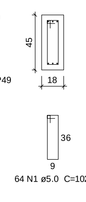
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	103.6	45
CA60	5.0	104.1	17.6
PESO TOTAL (kg)			
CA50	45		
CA60	17.6		

Volume de concreto (C-40) = 1.61 m³
Área de forma = 21.49 m²

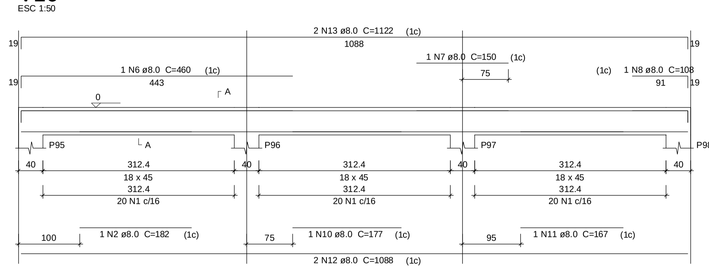
V8
ESC 1:50



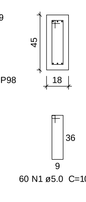
SEÇÃO A-A
ESC 1:25



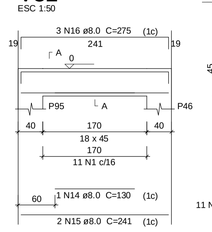
V16
ESC 1:50



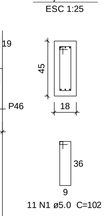
SEÇÃO A-A
ESC 1:25



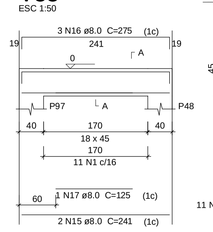
V32
ESC 1:50



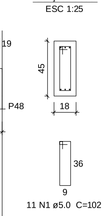
SEÇÃO A-A
ESC 1:25



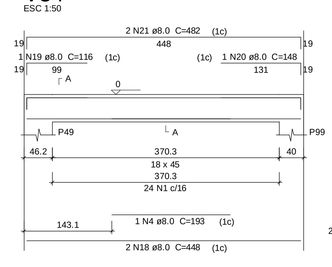
V33
ESC 1:50



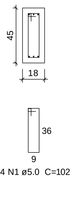
SEÇÃO A-A
ESC 1:25



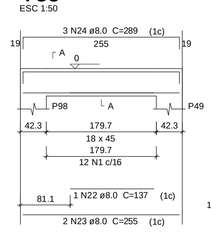
V34
ESC 1:50



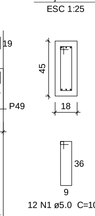
SEÇÃO A-A
ESC 1:25



V35
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V8
V33
V36

V16 V32
V34 V35
V37

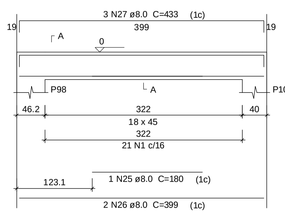
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	214	102	21828
CA50	2	8.0	2	182	364
	3	8.0	1	172	172
	4	8.0	2	193	386
	5	8.0	2	1154	2308
	6	8.0	2	460	920
	7	8.0	2	150	300
	8	8.0	2	108	216
	9	8.0	2	1188	2376
	10	8.0	1	177	177
	11	8.0	1	167	167
	12	8.0	2	1088	2176
	13	8.0	2	1122	2244
	14	8.0	2	130	260
	15	8.0	6	241	1446
	16	8.0	9	275	2475
	17	8.0	1	125	125
	18	8.0	2	448	896
	19	8.0	1	116	116
	20	8.0	1	148	148
	21	8.0	2	482	964
	22	8.0	1	137	137
	23	8.0	2	255	510
	24	8.0	3	289	867
	25	8.0	1	180	180
	26	8.0	2	399	798
	27	8.0	3	433	1299

Resumo do aço

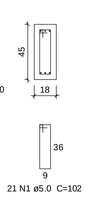
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	220.3	95.6
CA60	5.0	218.3	37
PESO TOTAL (kg)			
CA50	95.6		
CA60	37		

Volume de concreto (C-40) = 3.35 m³
Área de forma = 44.7 m²

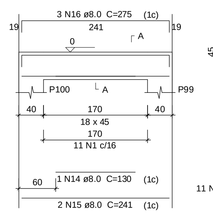
V36
ESC 1:50



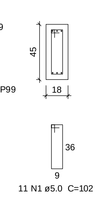
SEÇÃO A-A
ESC 1:25



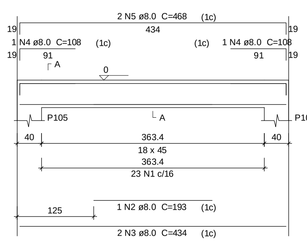
V37
ESC 1:50



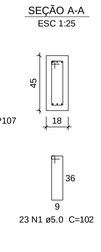
SEÇÃO A-A
ESC 1:25



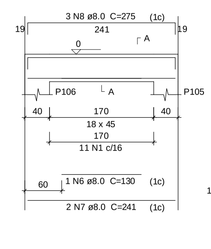
V38
ESC 1:50



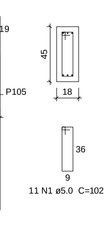
SEÇÃO A-A
ESC 1:25



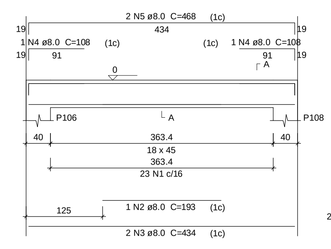
V39
ESC 1:50



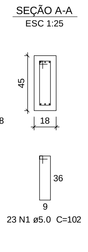
SEÇÃO A-A
ESC 1:25



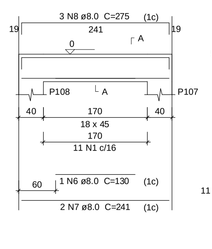
V40
ESC 1:50



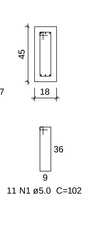
SEÇÃO A-A
ESC 1:25



V41
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V38
V41

V39 V40

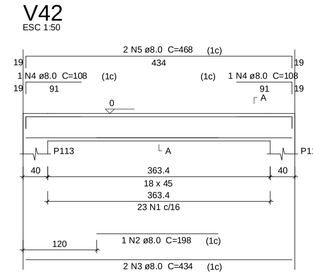
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	68	102	6936
CA50	2	8.0	2	193	386
	3	8.0	4	434	1736
	4	8.0	4	108	432
	5	8.0	4	468	1872
	6	8.0	2	130	260
	7	8.0	4	241	964
	8	8.0	6	275	1650

Resumo do aço

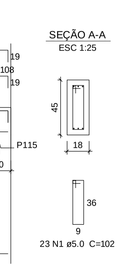
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	73	31.7
CA60	5.0	69.4	11.8
PESO TOTAL (kg)			
CA50	31.7		
CA60	11.8		

Volume de concreto (C-40) = 1.12 m³
Área de forma = 14.98 m²

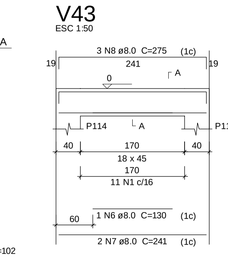
V42
ESC 1:50



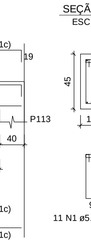
SEÇÃO A-A
ESC 1:25



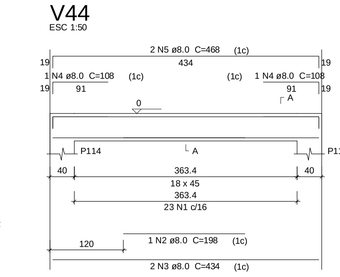
V43
ESC 1:50



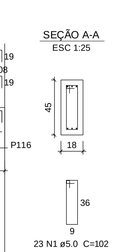
SEÇÃO A-A
ESC 1:25



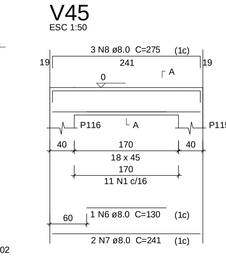
V44
ESC 1:50



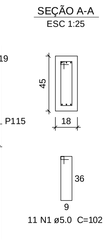
SEÇÃO A-A
ESC 1:25



V45
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

V42
V45

V43 V44

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	68	102	6936
CA50	2	8.0	2	198	396
	3	8.0	4	434	1736
	4	8.0	4	108	432
	5	8.0	4	468	1872
	6	8.0	2	130	260
	7	8.0	4	241	964
	8	8.0	6	275	1650

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	73.1	31.7
CA60	5.0	69.4	11.8
PESO TOTAL (kg)			
CA50	31.7		
CA60	11.8		

Volume de concreto (C-40) = 1.12 m³
Área de forma = 14.98 m²

OBS:

- TODAS AS MEDIDAS DEVERÃO SER CONFERIDAS NO LOCAL

PREFEITURA MUNICIPAL DE GOV. CELSO RAMOS

OBRA:
TRAPICHE DA FAZENDA DA ARMAÇÃO - ESTRUTURAL

ENDEREÇO:
PRAIA DA FAZENDA DA ARMAÇÃO

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE GOVERNADOR CELSO RAMOS
CNPJ 82.892.272/0001-59

AUTORES DO PROJETO:
ISMAR DA COSTA MEDEIROS
ARQUITETO DA PREFEITURA / CAU/SC A7968-9

DESENHO CAD:
ISMAR

ESCALA:
INDICADA

DATA:
MARÇO/2017

ASSUNTO:
ESTRUTURAL DETALHAMENTO VIGAS

PRANCHA:
05

06