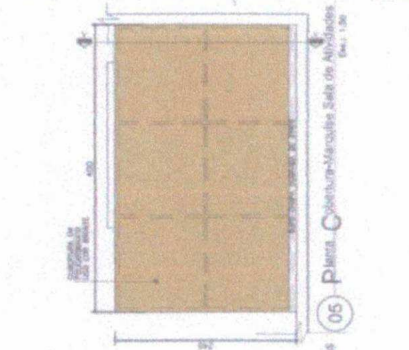
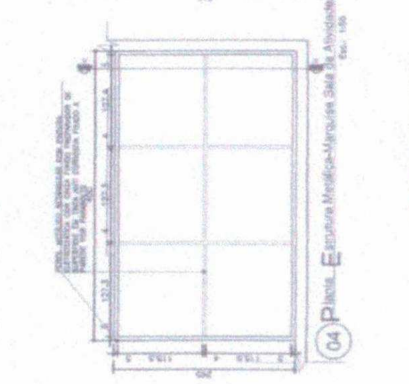


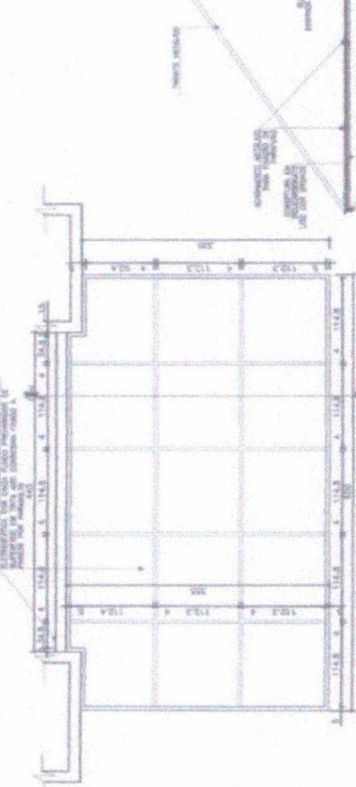
06 - Seção A: Atividade sobre as Atividades
 Esc. 1: 1/50



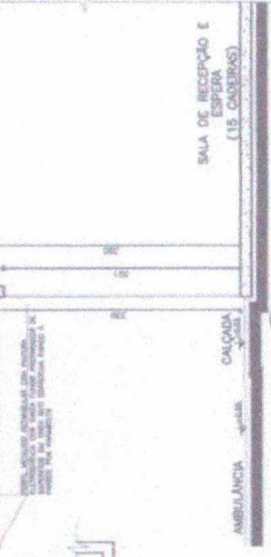
05 - Planta C: Cobertura-Mercado, Sala de Atividades
 Esc. 1: 1/50



04 - Planta E: Estrutura Metálica-Mercado Sala de Atividades
 Esc. 1: 1/50



01 - Planta E: Estrutura Metálica-Mercado Entrada Principal
 Esc. 1: 1/50

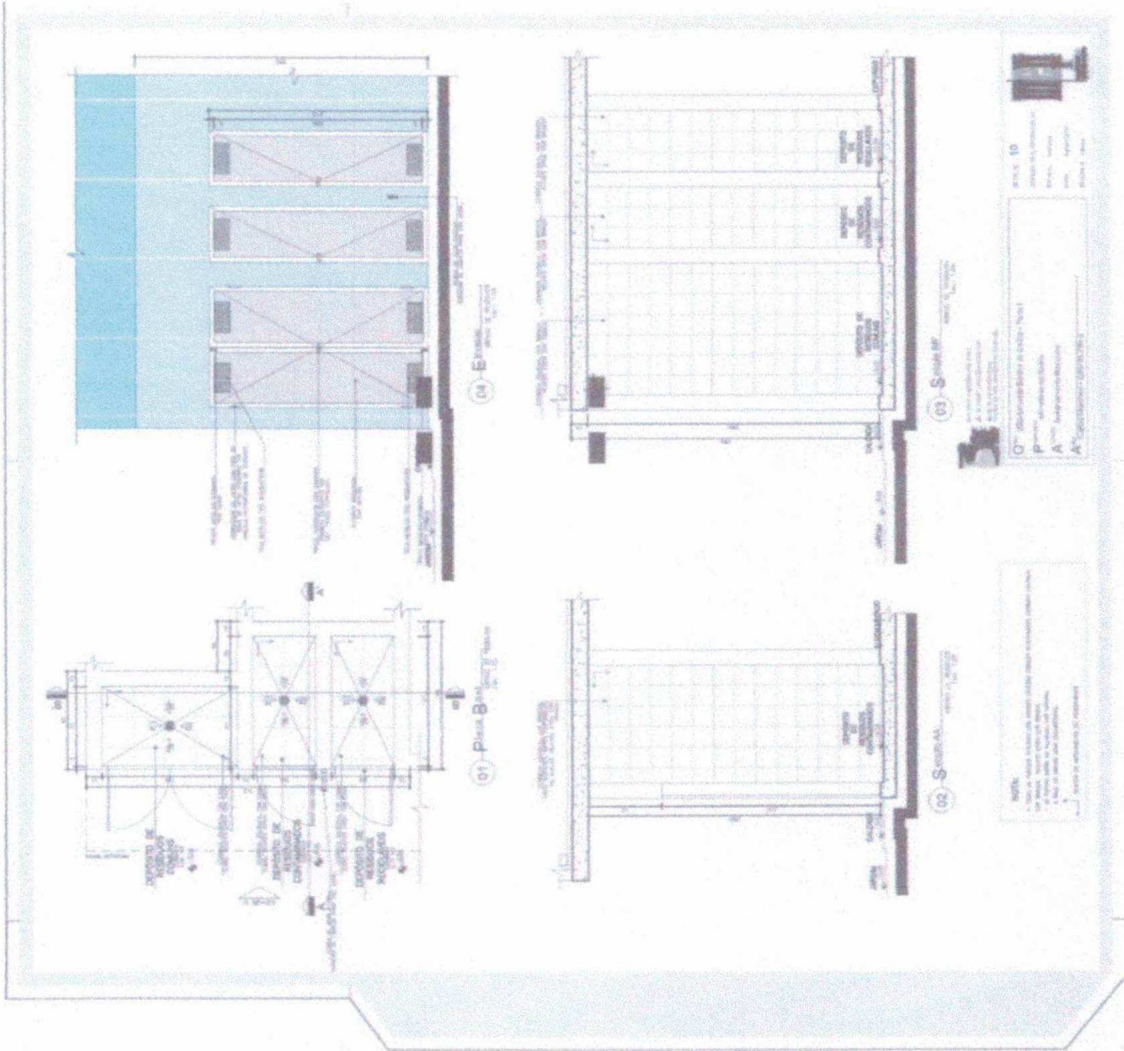


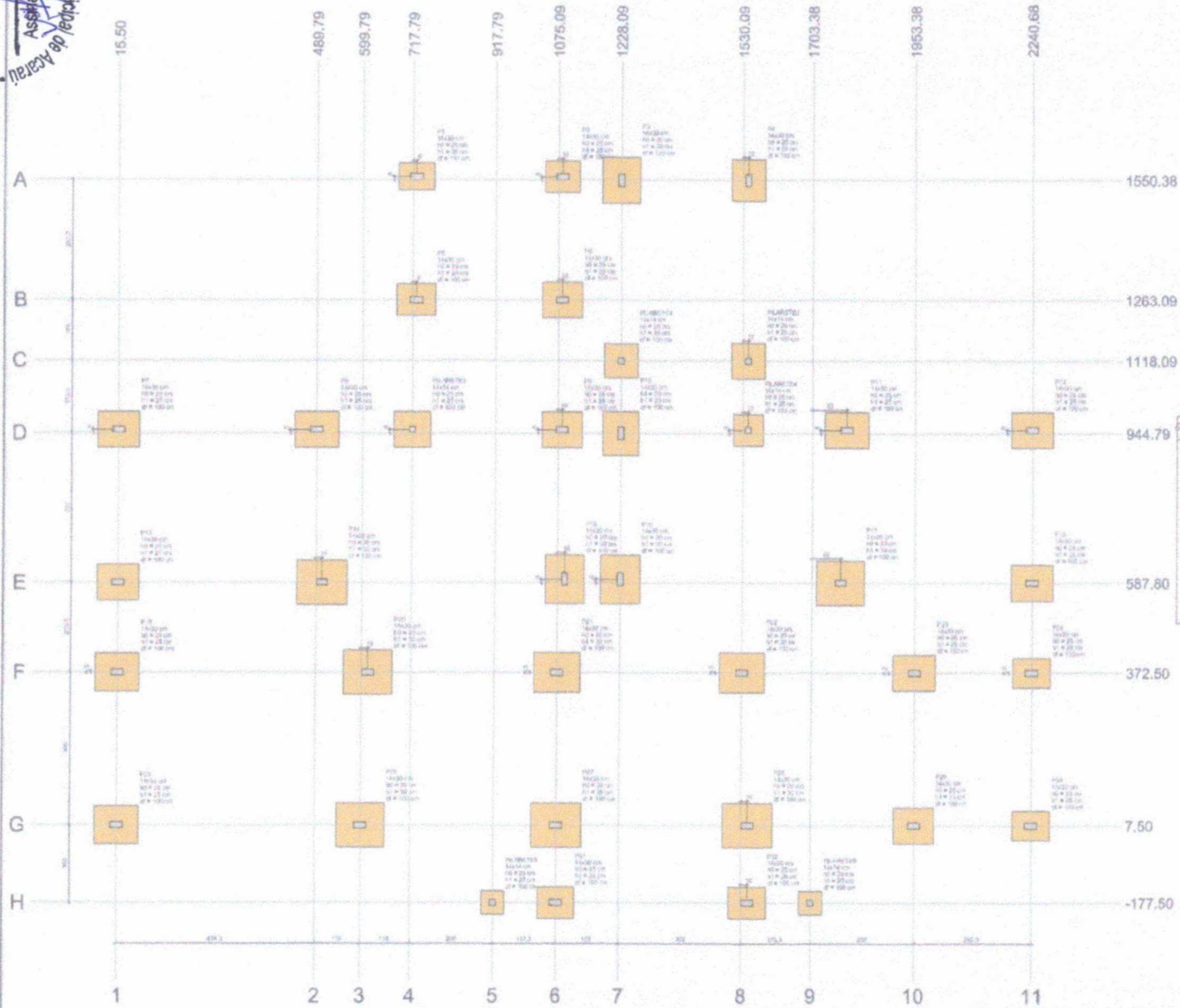
03 - Seção A: Mercado Entrada Principal
 Esc. 1: 1/50

Projeto: Municipal de Saúde - Povo 1
 A: Arquiteto Responsável
 A: Engenheiro Responsável

08 - 08/2014
 08/2014 - 08/2014
 08/2014 - 08/2014

NOTA:
 - Se houver alteração no projeto, deverá ser feita em folha avulsa e assinada pelo responsável técnico, com a devida justificativa e rubrica.

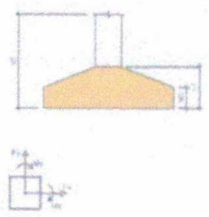




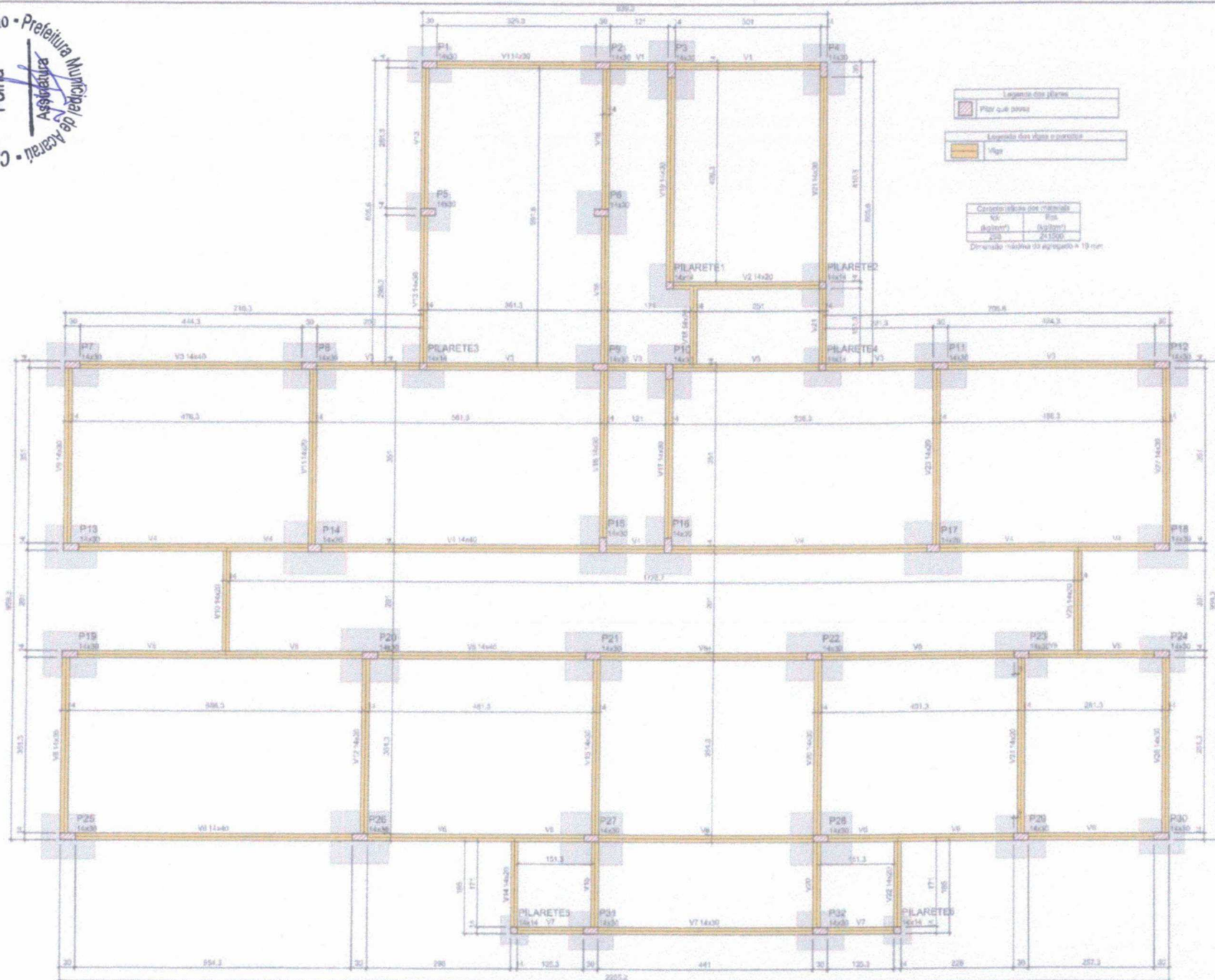
Item	Descrição	Quantidade	Valor Unit.	Valor Total
1
2
3
4
5
6
7
8
9
10
11

Item	Descrição	Quantidade	Valor Unit.	Valor Total
1
2
3
4
5
6
7
8
9
10
11

Item	Descrição	Quantidade	Valor Unit.	Valor Total
1
2
3
4
5
6
7
8
9
10
11

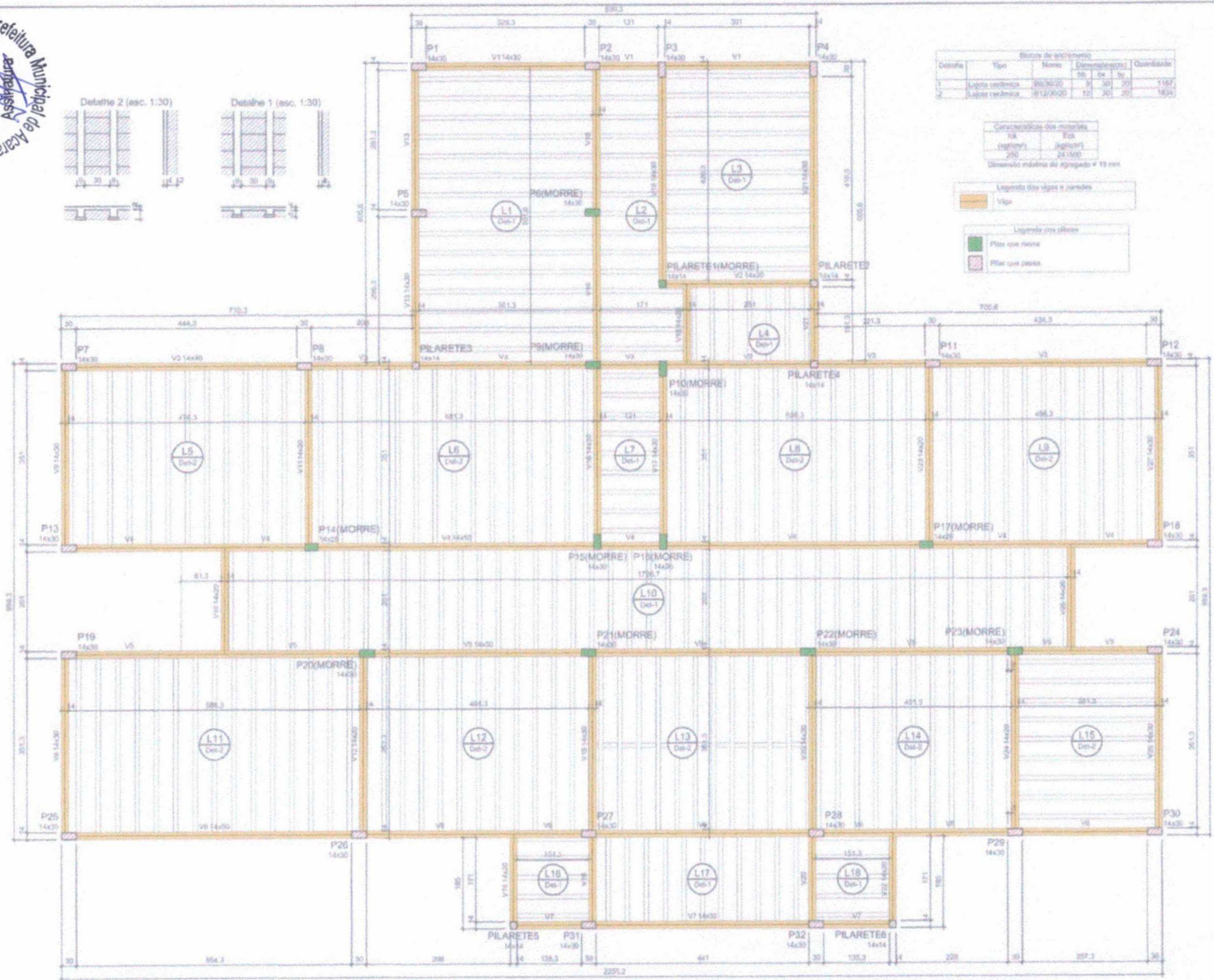
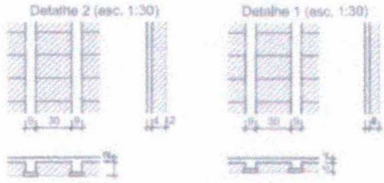


Planta de localização



Forma do pavimento TÉRREO (Nível 0)

escala: 1:50



Esboço de acabamento

Ordem	Item	Nome	Quantidade
1	Largura acabamento	80/30/20	1187
2	Largura acabamento	81/2/20/20	1430

Características dos materiais

Item	Nome	Quantidade
1	Armadilha	250
2	Armadilha	250

Dimensão máxima de agregado = 19 mm

Legenda das vigas e paredes

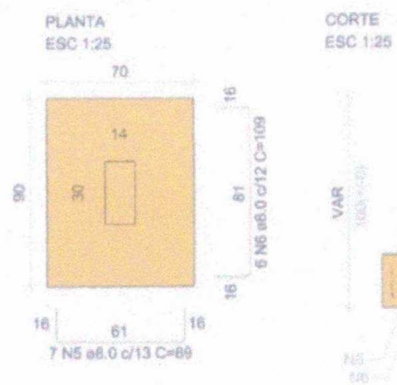
- Viga
- Pilar com rebarba
- Pilar com pasta

Forma do pavimento COBERTURA (Nível 295)

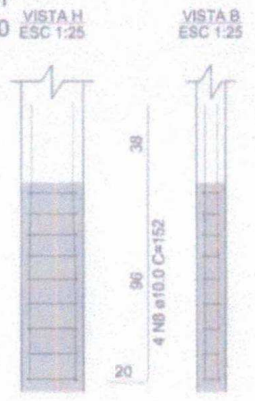
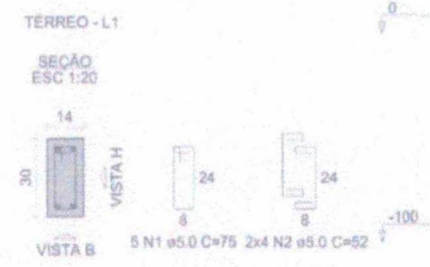
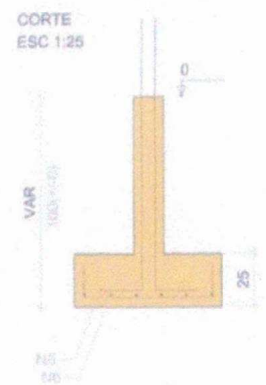
escala 1:100

S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12
 S13=S14=S15=S16=S17=S18=S19=S20=S21
 S22=S23=S24=S25=S26=S27=S28=S29=S30
 S31=S32

P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12
 P13=P14=P15=P16=P17=P18=P19=P20=P21
 P22=P23=P24=P25=P26=P27=P28=P29=P30
 P31=P32



Solo com capacidade de suporte > 1.50 kgf/cm²



RELAÇÃO DO AÇO

32xPILARES 14X30
 32xSAPATAS 70X90

6xPILARETES 14x14
 6xSAPATAS 75x75

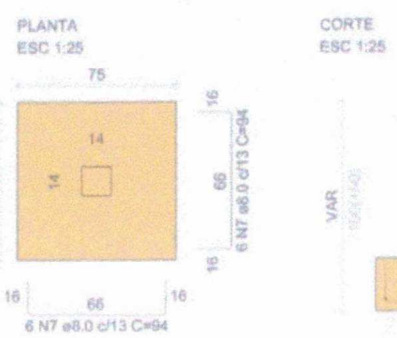
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	160	75	12000
	2	5.0	256	52	13312
	3	5.0	30	43	1290
	4	5.0	48	36	1728
CA50	5	8.0	224	89	19936
	6	8.0	192	109	20928
	7	8.0	72	94	6768
	8	10.0	152	152	23104

RESUMO DO AÇO

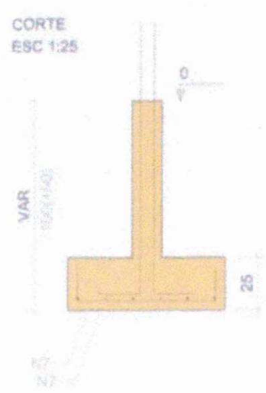
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	476.3	206.7
CA60	10.0	231	156.7
CA60	5.0	283.3	48
PESO TOTAL (kg)			
CA50			363.4
CA60			48

Volume de concreto (C-25) = 7.35 m³
 Area de forma = 61.62 m²

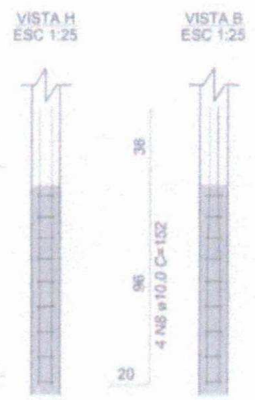
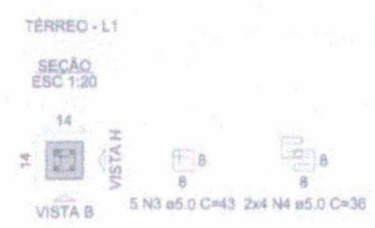
SAPATA DOS PILARETES 1, 2, 3, 4, 5 e 6



Solo com capacidade de suporte > 1.50 kgf/cm²



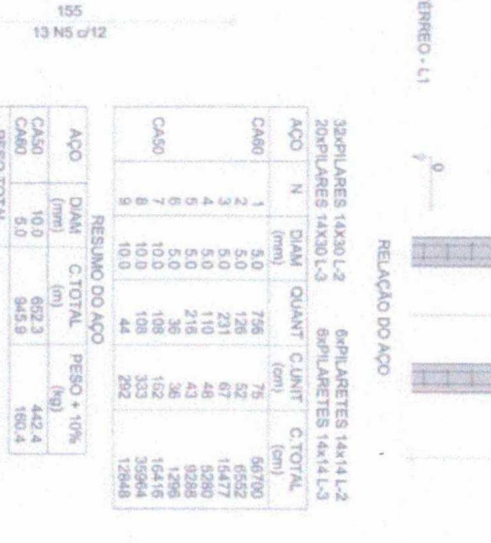
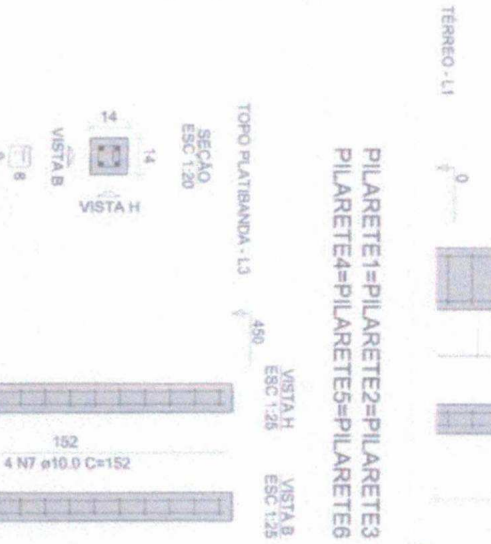
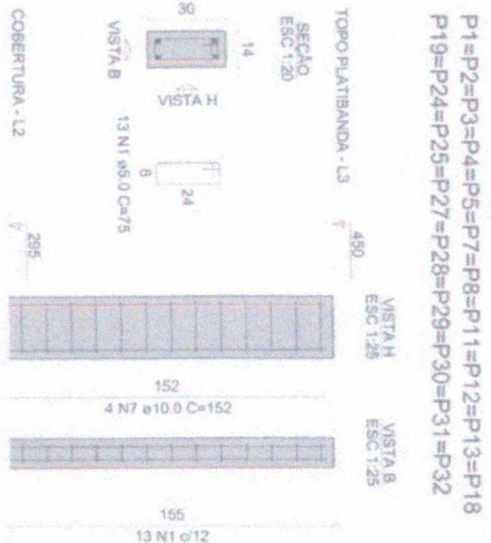
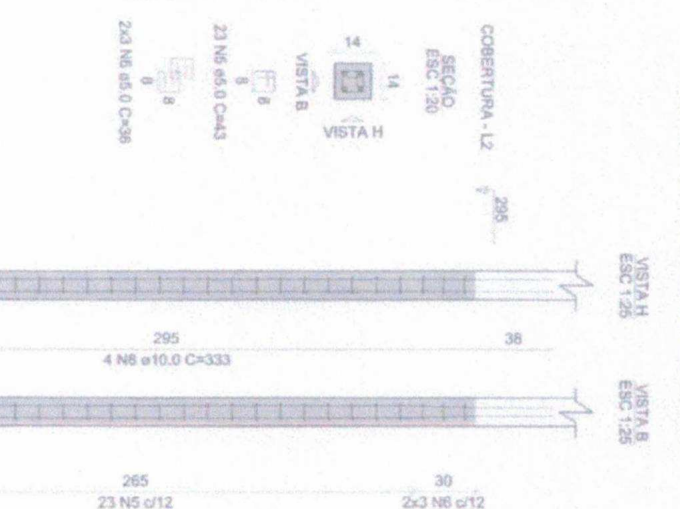
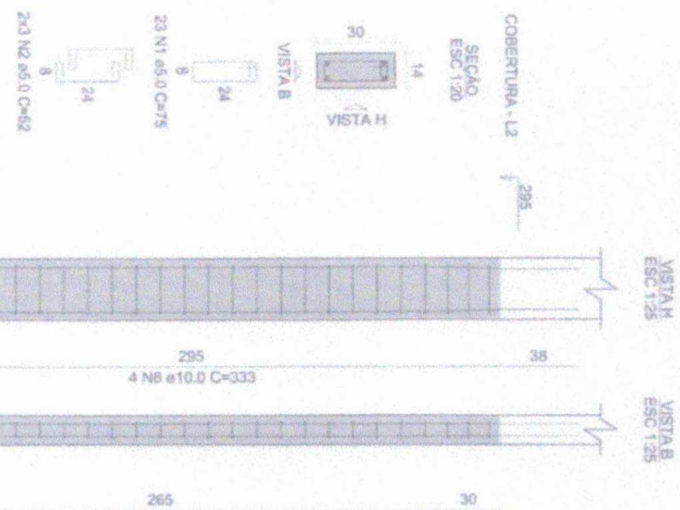
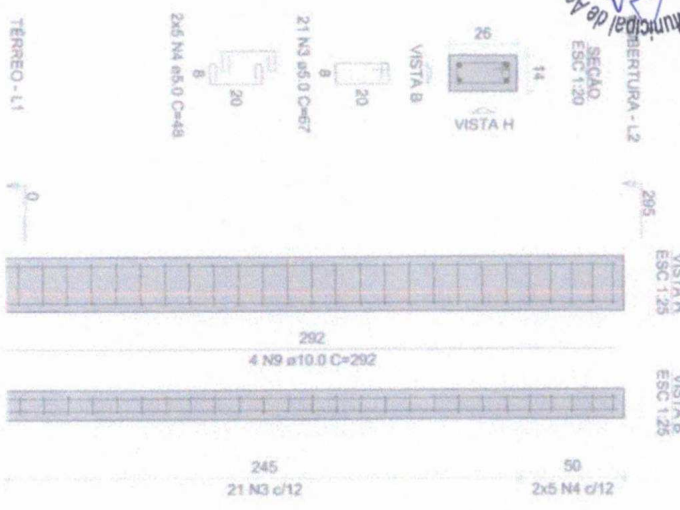
SEÇÃO DOS PILARETES 1, 2, 3, 4, 5 e 6



P6=P9=P10=P14=P15=P16=P17=P20=P21
 P22=P23

P1=P2=P3=P4=P5=P7=P8=P11=P12=P13=P16
 P19=P24=P25=P27=P28=P29=P30=P31=P32

PILARETE1=PILARETE2=PILARETE3
 PILARETE4=PILARETE5=PILARETE6



**PILARETE1=PILARETE2=PILARETE3
 PILARETE4=PILARETE5=PILARETE6**

RESUMO DO AÇO

ACO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CAS0	1	5.0	756	75	56700
CAS0	2	5.0	52	67	3484
CAS0	3	5.0	231	67	15477
CAS0	4	5.0	110	43	4730
CAS0	5	5.0	218	43	9381
CAS0	6	5.0	38	36	1368
CAS0	7	10.0	108	102	11016
CAS0	8	10.0	108	333	35964
CAS0	9	10.0	44	292	12848

ACO	DIAM (mm)	C TOTAL (cm)	PESO + 10% (kg)
CAS0	10.0	652.3	442.4
CAS0	5.0	945.9	180.4
PESO TOTAL			622.8

Volume de concreto (C-25) = 5.69 m³
 Área de forma = 124.24 m²

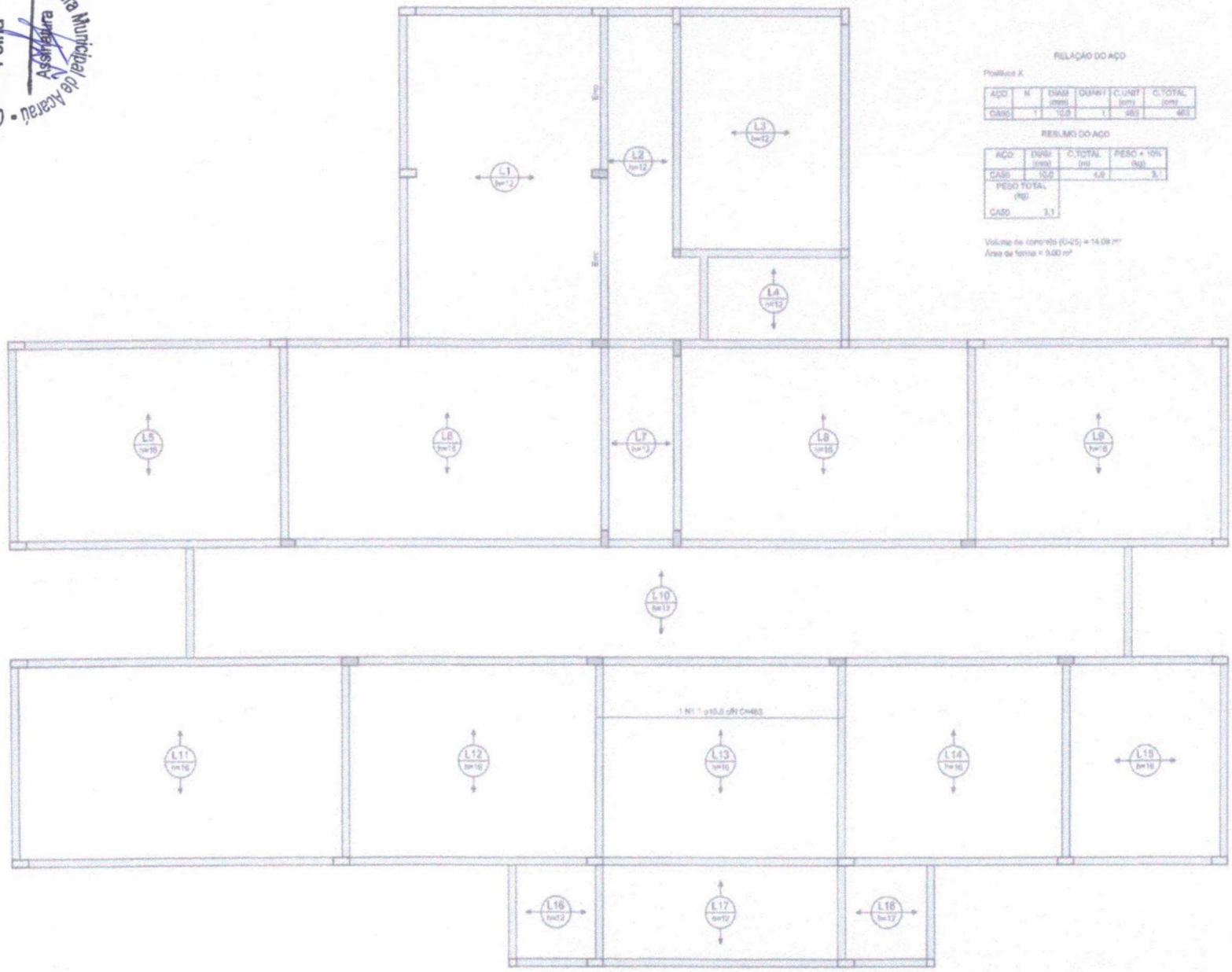
PROJETO EXECUTIVO



PROJETO: TRÁFEGO
 PREFEITURA MUNICIPAL DE ACARAJÓ
 RUA VILA PRÉSTITA, 31 - CAMPO ALEGRE - CE
 FORMA DO TERREJO

PROJETADEIRA: MARIA CECILIA MARTINS
 REGISTRO: 1/100

05.15



RELAÇÃO DO AÇO

Posição X

AÇO	N	DIAM	QUANT	C.UNIT	C.TOTAL
		(mm)		(kg/m)	(kg)
CASO	1	10,0	1	263	263

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL	PESO + 10%
	(mm)	(kg)	(kg)
CASO	10,0	4,0	3,1
PESO TOTAL (kg)			
CASO			3,1

Volume de concreto (L-25) = 14,08 m³
 Área de forma = 5,80 m²

Armação positiva das lajes do pavimento COBERTURA

escala 1:100

RELAÇÃO DO AÇO

Negativos X

ACAO	N	DIAM (mm)	QUANT (mts)	C.UNIT (mts)	C.TOTAL (mts)
CASO	1	5,0	84	89	7476
	2	5,0	5	94	470
	3	5,0	2	96	192
	4	5,0	2	110	220
	5	5,0	3	76	228
	6	5,0	11	80	880
	7	6,3	19	96	1814
	8	6,3	30	73	2190
	9	6,3	9	32	288
	10	6,3	29	708	20532

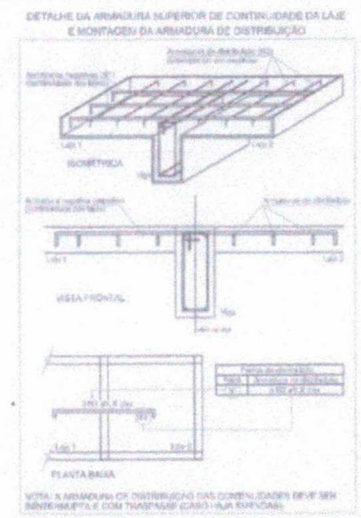
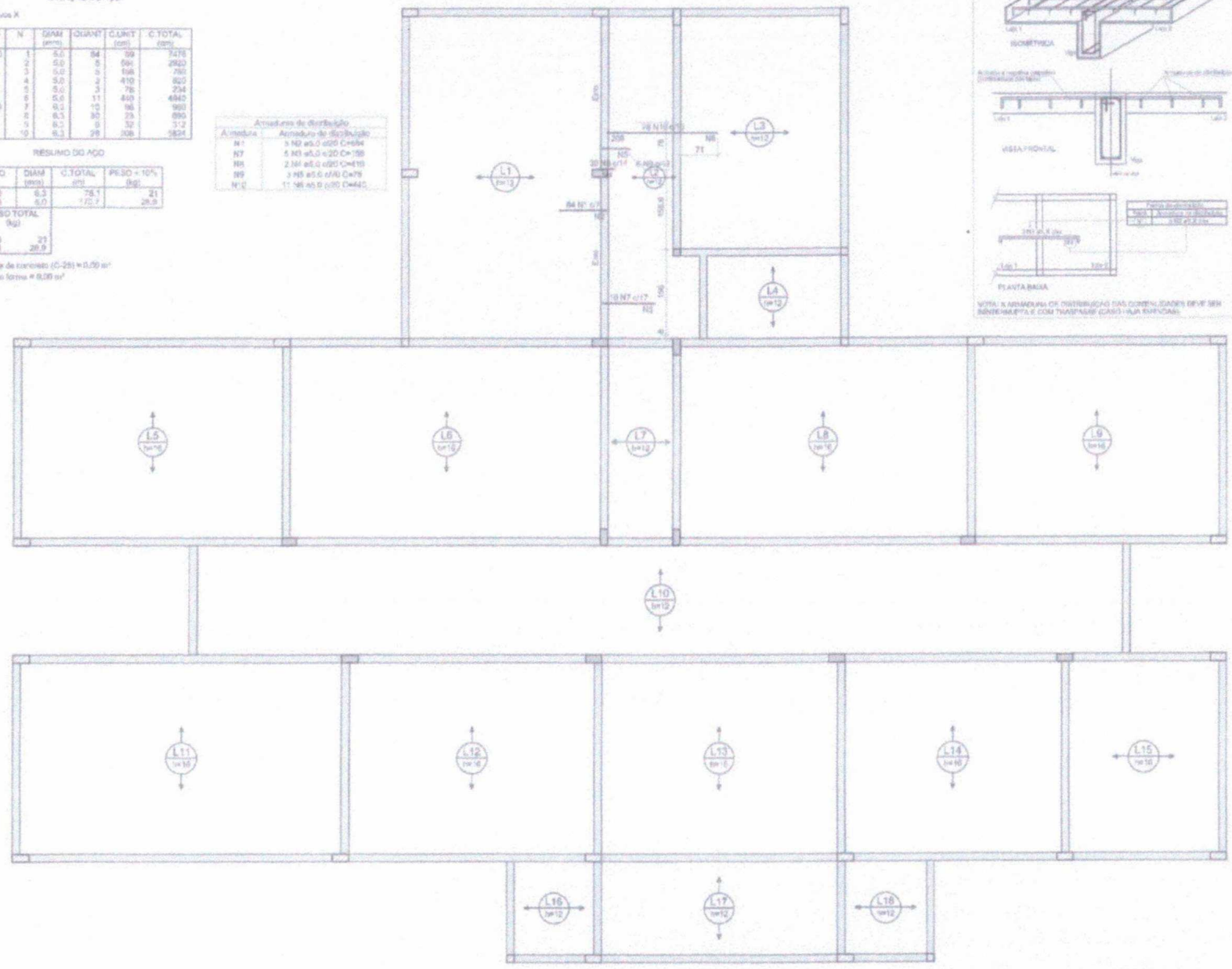
RESUMO DO AÇO

ACAO	DIAM (mm)	C.TOTAL (mts)	PESO = 10% (kg)
CASO	5,0	78,7	21
CASO	6,3	170,7	28,9
PESO TOTAL (kg)			
CASO			21
CASO			28,9

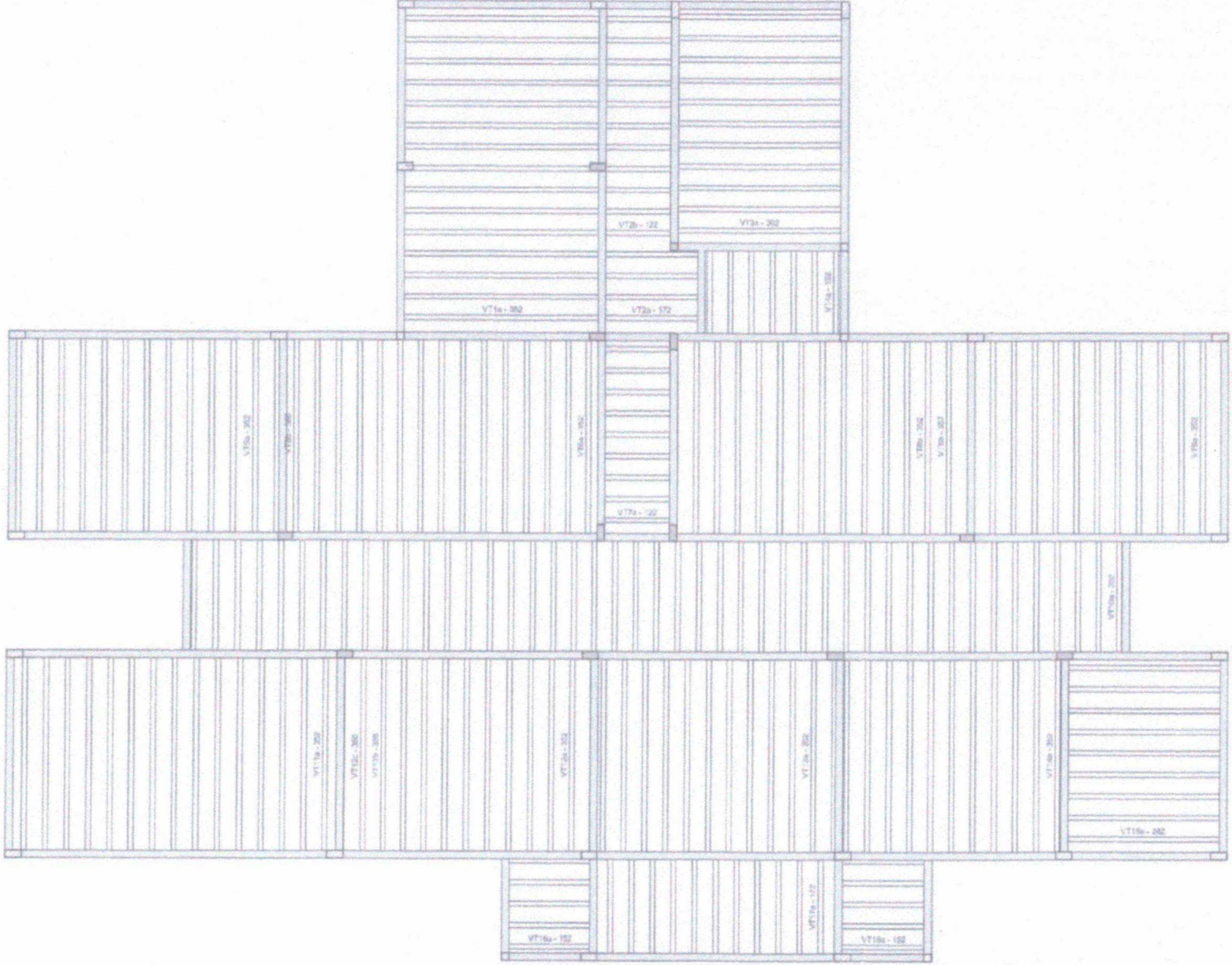
Volume de concreto (C-25) = 0,50 m³
 Área do forro = 8,00 m²

Armaduras de distribuição

Nº	Armadura de distribuição
Nº 1	3 Nº 5,0 Ø 20 C=150
Nº 7	5 Nº 5,0 Ø 20 C=150
Nº 8	2 Nº 5,0 Ø 20 C=150
Nº 9	3 Nº 5,0 Ø 20 C=75
Nº 10	11 Nº 5,0 Ø 20 C=440



Armação negativa das lajes do pavimento COBERTURA

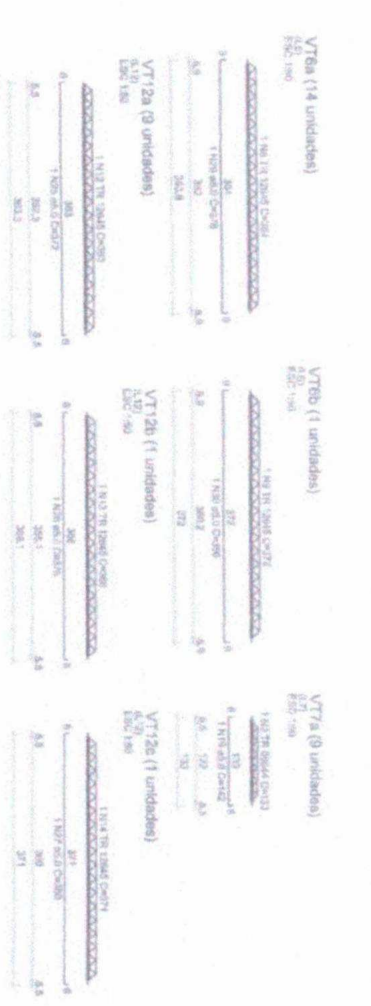
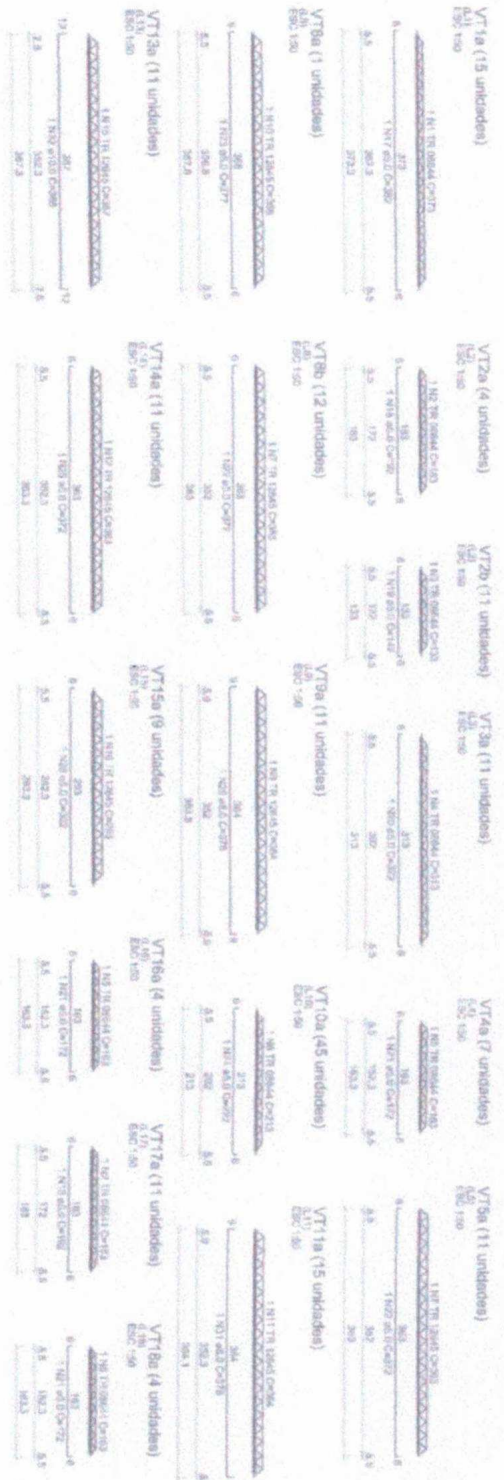


Planta de vigotas pré-moldadas

escala 1:50

✓

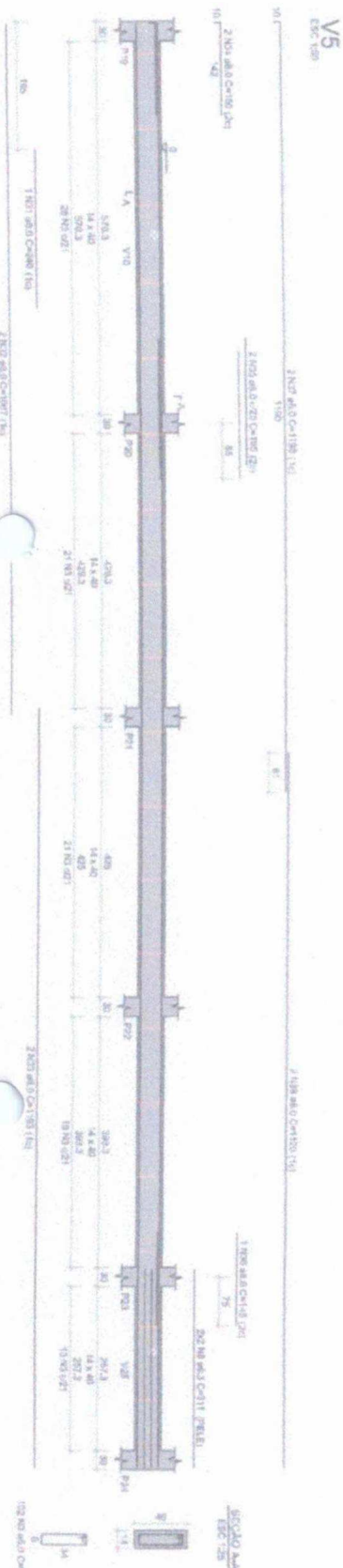
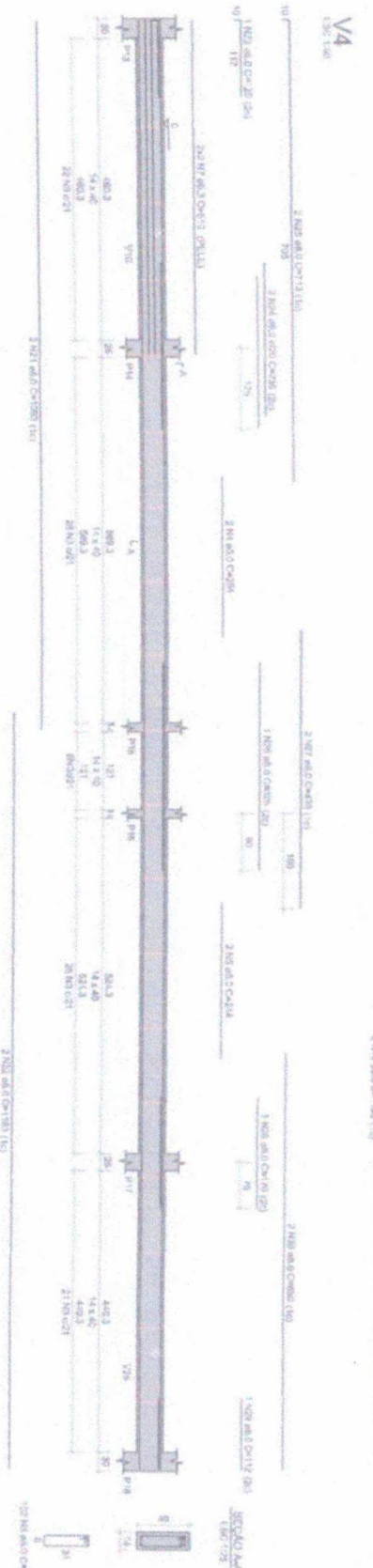
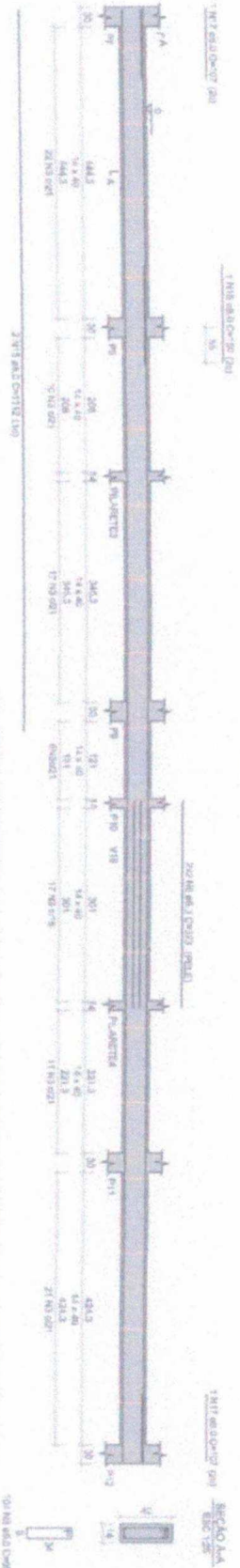
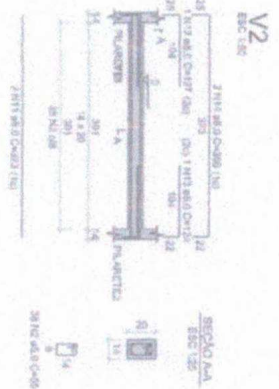
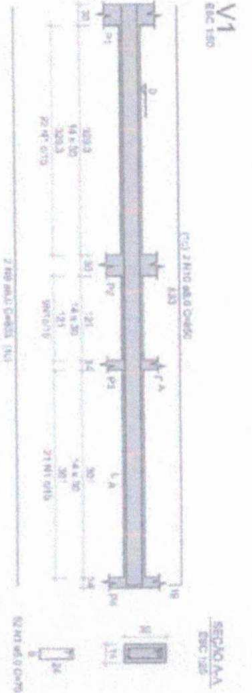




REQ'DOU DO ADO	QUANT	PREÇO UNIT	PREÇO TOTAL
VT1a	15	100,00	1.500,00
VT2a	4	100,00	400,00
VT2b	1	100,00	100,00
VT3a	11	100,00	1.100,00
VT4a	7	100,00	700,00
VT5a	45	100,00	4.500,00
VT6a	11	100,00	1.100,00
VT7a	3	100,00	300,00
VT7b	1	100,00	100,00
VT8a	4	100,00	400,00
VT9a	11	100,00	1.100,00
VT10a	15	100,00	1.500,00
VT11a	15	100,00	1.500,00
TOTAL	168	100,00	16.800,00

REQ'DOU DO ADO	QUANT	PREÇO UNIT	PREÇO TOTAL
VT1a	15	100,00	1.500,00
VT2a	4	100,00	400,00
VT2b	1	100,00	100,00
VT3a	11	100,00	1.100,00
VT4a	7	100,00	700,00
VT5a	45	100,00	4.500,00
VT6a	11	100,00	1.100,00
VT7a	3	100,00	300,00
VT7b	1	100,00	100,00
VT8a	4	100,00	400,00
VT9a	11	100,00	1.100,00
VT10a	15	100,00	1.500,00
VT11a	15	100,00	1.500,00
TOTAL	168	100,00	16.800,00

A



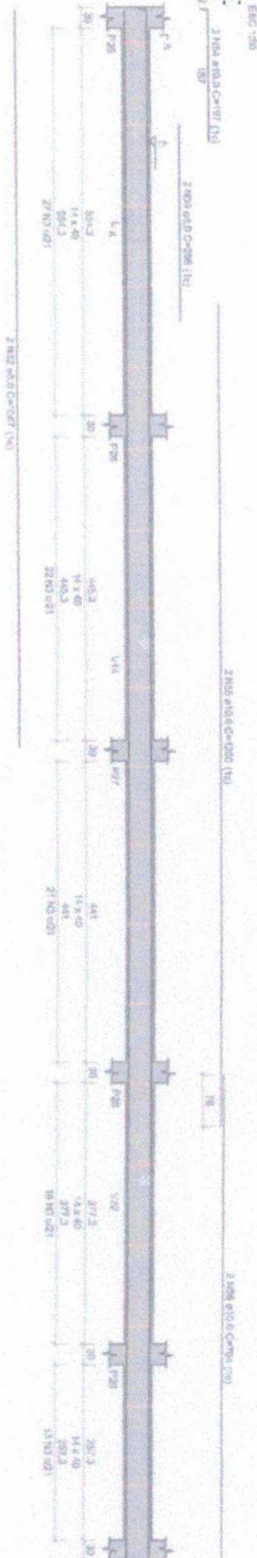
PROJETO EXECUTIVO



PROJETO: UBS CALMON
 EXECUTIVO: PREFEITURA MUNICIPAL DE ACARAI
 LOCALIZAÇÃO: RUA VILA PARQUE, 54 CALMON, ACARAI, CE
 DATA DO PROJETO: 10/2015

APROVADO POR: MARIA CRISTINA MARTINS
 DATA: 10/2015
 Nº: 10-15

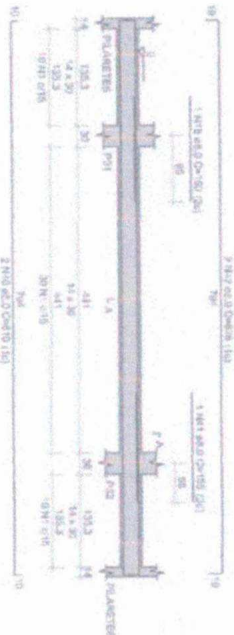
V6
ESC. 26



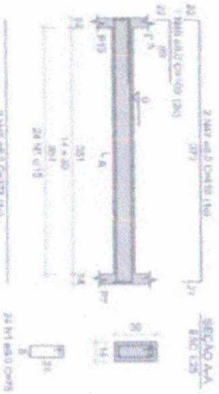
SERVO A/A
ESC. 26



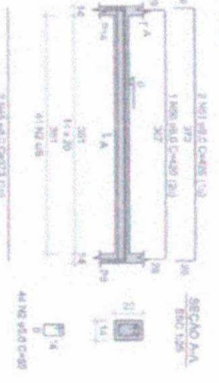
V7
ESC. 26



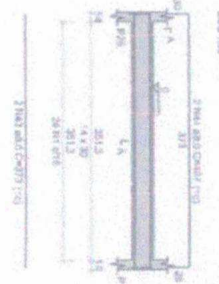
V10
ESC. 26



V11
ESC. 26

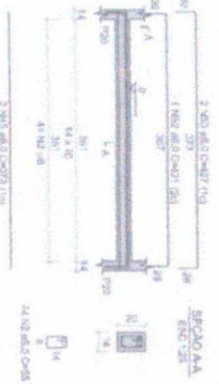


V8
ESC. 26



SERVO A/A
ESC. 26

V12
ESC. 26



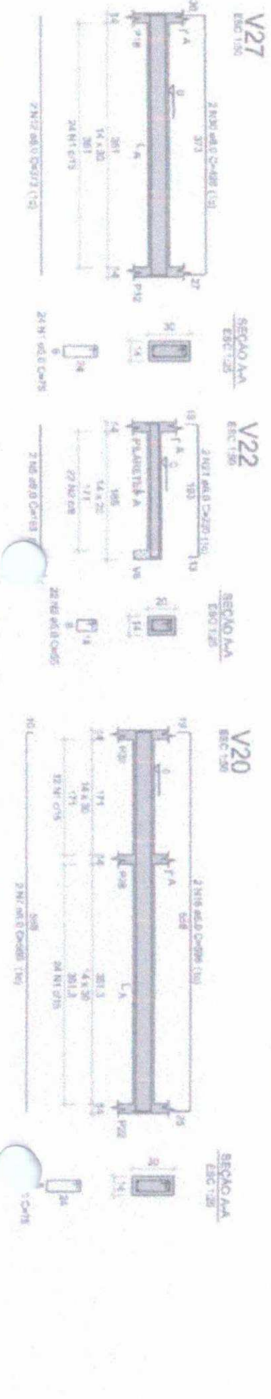
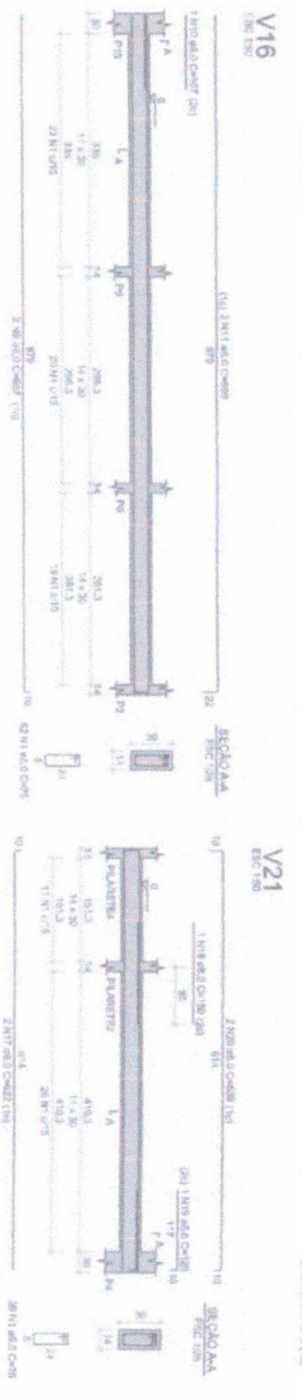
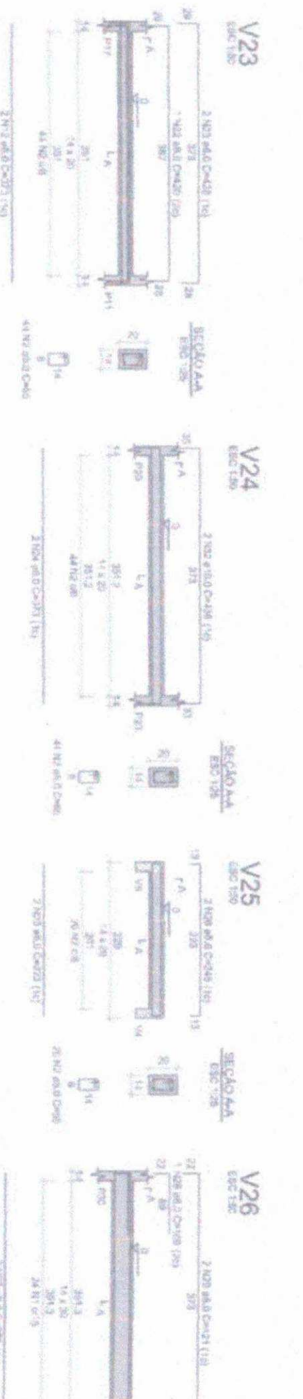
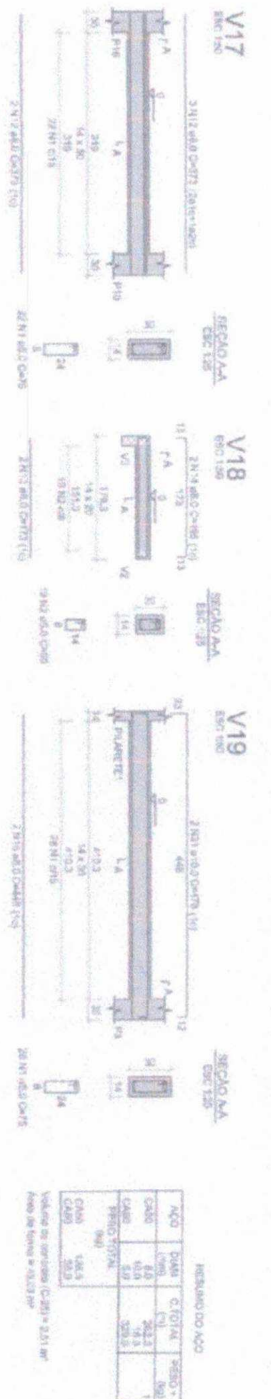
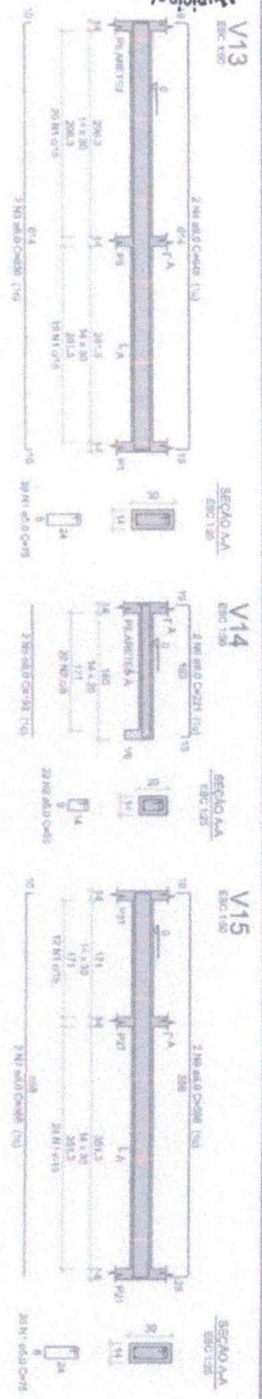
RE. AÇO 100 AÇO

ACO	N	QUANT.	COMPR.	CUBIT	E. TOTAL
C130	2	130	1.30	260	338
C150	4	150	1.50	600	720
C180	8	180	1.80	1440	1728
C200	12	200	2.00	2400	2880
C250	20	250	2.50	5000	6000
C300	32	300	3.00	9600	11520
C350	48	350	3.50	16800	20160
C400	72	400	4.00	28800	34560
C450	108	450	4.50	48600	58320
C500	160	500	5.00	80000	96000
C550	240	550	5.50	132000	158400
C600	360	600	6.00	216000	259200
C650	540	650	6.50	351000	421200
C700	810	700	7.00	567000	679800
C750	1200	750	7.50	900000	1080000
C800	1800	800	8.00	1440000	1728000
C850	2700	850	8.50	2302500	2763000
C900	4050	900	9.00	3645000	4374000
C950	6060	950	9.50	5757000	6902400
C1000	9090	1000	10.00	9090000	10908000
C1100	13635	1100	11.00	14998500	17998200
C1200	20454	1200	12.00	24544800	29453760
C1300	30681	1300	13.00	39895800	47874960
C1400	46021	1400	14.00	64429440	77315328
C1500	68851	1500	15.00	103276500	123931800
C1600	103281	1600	16.00	165250560	198784704
C1700	154921	1700	17.00	263364960	317716256
C1800	227341	1800	18.00	409214400	490662624
C1900	340981	1900	19.00	647864100	779462580
C2000	51147	2000	20.00	102294000	1227528000
C2100	76720	2100	21.00	161112000	1934905200
C2200	113580	2200	22.00	249816000	2997833160
C2300	170370	2300	23.00	391953000	4715326260
C2400	255540	2400	24.00	613296000	7399182720
C2500	383310	2500	25.00	958275000	11478435000
C2600	568980	2600	26.00	1482348000	17833030400
C2700	848970	2700	27.00	2281593000	27611232200
C2800	1266540	2800	28.00	3548352000	42527994240
C2900	1881810	2900	29.00	5357247000	64549677760
C3000	2780700	3000	30.00	8342100000	100105200000
C3200	4171080	3200	32.00	13329408000	160172832000
C3400	6256620	3400	34.00	21889524000	264631712000
C3600	9255900	3600	36.00	33831240000	405380640000
C3800	13883820	3800	38.00	52667172000	630580224000
C4000	20525700	4000	40.00	82102800000	984033600000
C4200	30488580	4200	42.00	127600116000	1530453696000
C4400	45132420	4400	44.00	196384848000	2350656384000
C4600	66984660	4600	46.00	303205236000	3611876640000
C4800	99353580	4800	48.00	455437776000	5423298816000
C5000	147160380	5000	50.00	735801900000	8827523400000

RESUMO DO IÇO

ACO	QUANT.	COMPR.	CUBIT	E. TOTAL
C130	2	1.30	260	338
C150	4	1.50	600	720
C180	8	1.80	1440	1728
C200	12	2.00	2400	2880
C250	20	2.50	5000	6000
C300	32	3.00	9600	11520
C350	48	3.50	16800	20160
C400	72	4.00	28800	34560
C450	108	4.50	48600	58320
C500	160	5.00	80000	96000
C550	240	5.50	132000	158400
C600	360	6.00	216000	259200
C650	540	6.50	351000	421200
C700	810	7.00	567000	679800
C750	1200	7.50	900000	1080000
C800	1800	8.00	1440000	1728000
C850	2700	8.50	2302500	2763000
C900	4050	9.00	3645000	4374000
C950	6060	9.50	5757000	6902400
C1000	9090	10.00	9090000	10908000
C1100	13635	11.00	14998500	17998200
C1200	20454	12.00	24544800	29453760
C1300	30681	13.00	39895800	47874960
C1400	46021	14.00	64429440	77315328
C1500	68851	15.00	103276500	123931800
C1600	103281	16.00	165250560	198784704
C1700	154921	17.00	263364960	317716256
C1800	227341	18.00	409214400	490662624
C1900	340981	19.00	647864100	779462580
C2000	51147	20.00	102294000	1227528000
C2100	76720	21.00	161112000	1934905200
C2200	113580	22.00	249816000	2997833160
C2300	170370	23.00	391953000	4715326260
C2400	255662	24.00	613296000	7399182720
C2500	383310	25.00	958275000	11478435000
C2600	568980	26.00	1482348000	17833030400
C2700	848970	27.00	2281593000	27611232200
C2800	1266540	28.00	3548352000	42527994240
C2900	1881810	29.00	5357247000	64549677760
C3000	2780700	30.00	8342100000	100105200000



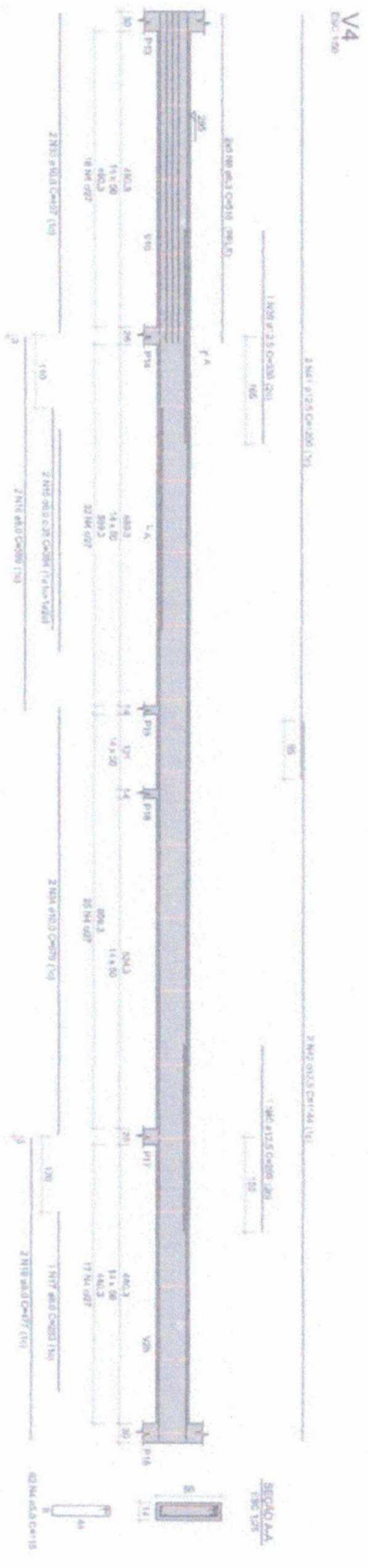
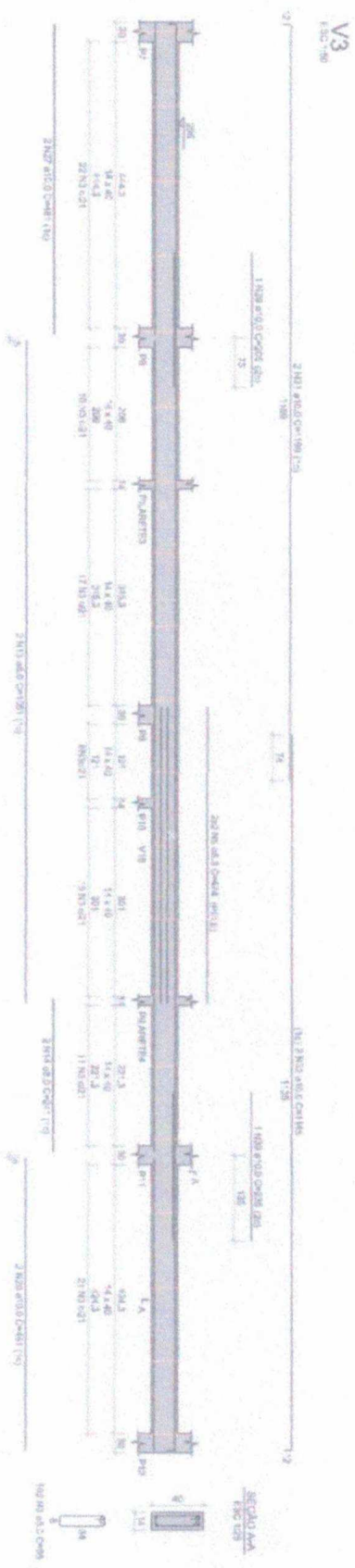
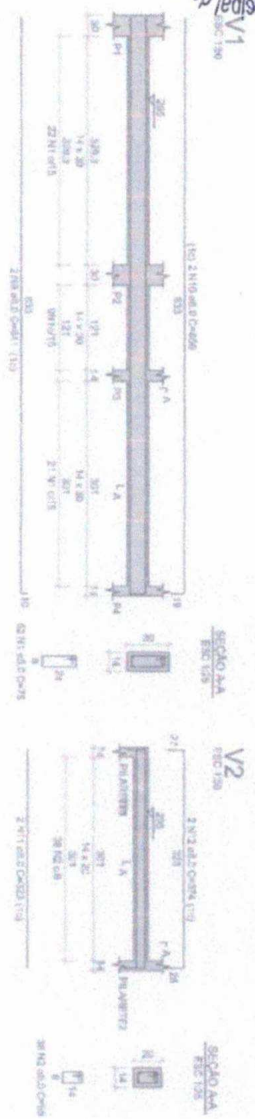


RESUMO DO AÇO

AÇO	DIAM	C. TOTAL	RESQ. 70%
CAO	8.0	23.3	16.3
CAO	6.0	4.3	3.0
CAO	5.0	3.0	2.1
CAO	4.0	1.4	1.0
CAO	3.0	0.5	0.3

Volume de aço (m³) = 0.23 m³
 Área de ferro = 0.027 m²

CAO	N	DIAM	QUANT	COEF	C. TOTAL
1	1	8.0	377	76	28787
1	2	6.0	107	36	3852
1	3	5.0	75	26	1950
1	4	4.0	33	11	363
1	5	3.0	12	4	144
1	6	2.0	5	1	100
1	7	1.5	2	0.5	45
1	8	1.0	1	0.2	10
1	9	0.8	1	0.1	5
1	10	0.6	1	0.05	2
1	11	0.5	1	0.02	1
1	12	0.4	1	0.01	0.5
1	13	0.3	1	0.005	0.2
1	14	0.2	1	0.001	0.05
1	15	0.1	1	0.0005	0.02
1	16	0.08	1	0.0002	0.01
1	17	0.06	1	0.0001	0.005
1	18	0.05	1	0.0001	0.005
1	19	0.04	1	0.0001	0.005
1	20	0.03	1	0.0001	0.005
1	21	0.02	1	0.0001	0.005
1	22	0.01	1	0.0001	0.005
1	23	0.01	1	0.0001	0.005
1	24	0.01	1	0.0001	0.005
1	25	0.01	1	0.0001	0.005
1	26	0.01	1	0.0001	0.005
1	27	0.01	1	0.0001	0.005
1	28	0.01	1	0.0001	0.005
1	29	0.01	1	0.0001	0.005
1	30	0.01	1	0.0001	0.005
1	31	0.01	1	0.0001	0.005
1	32	0.01	1	0.0001	0.005



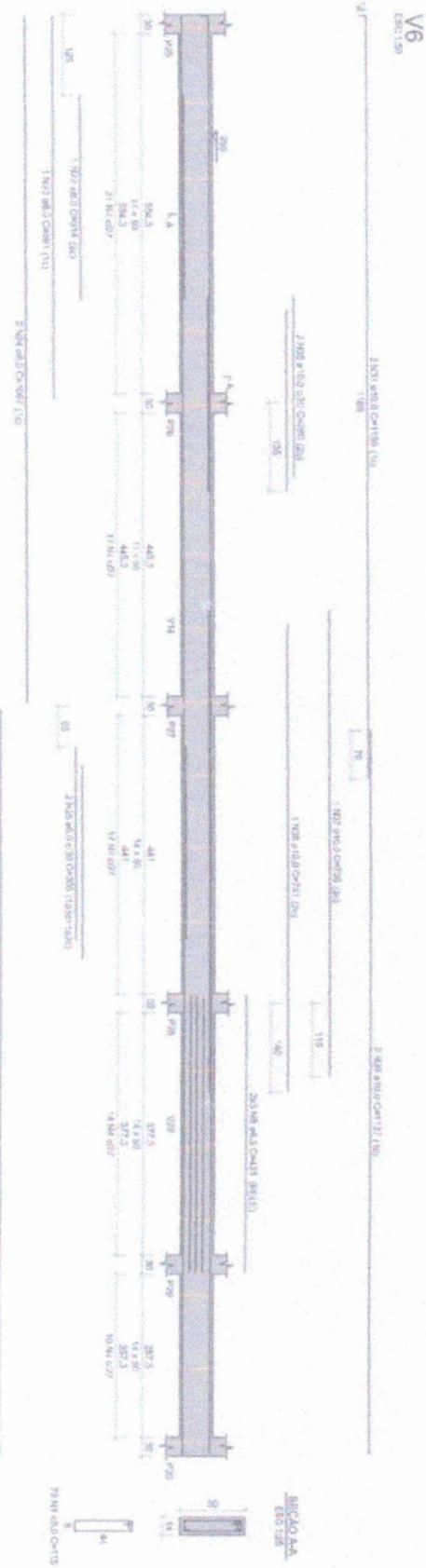
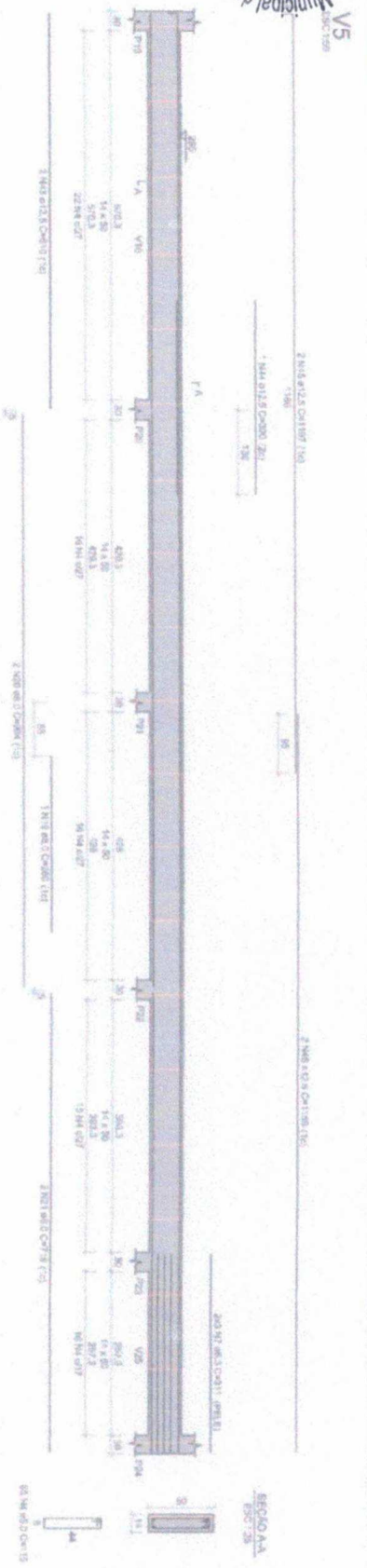
PROJETO EXECUTIVO



USUÁRIO: URS CRUZEIRO
 EMPRESA: PREFEITURA MUNICIPAL DE ACAUÇU
 LOCAL: RUA VILA PRENTES, SN CAUASSU, ARAUÁ - CE
 MUNICÍPIO: FORTUNA DO TERREIRO

RESPONSÁVEL: MARLA CORTINA MARTINS
 Nº DE PROVA: 13-15

NOVEMBRO 21 2010
13-15



RESUMO DO AÇO

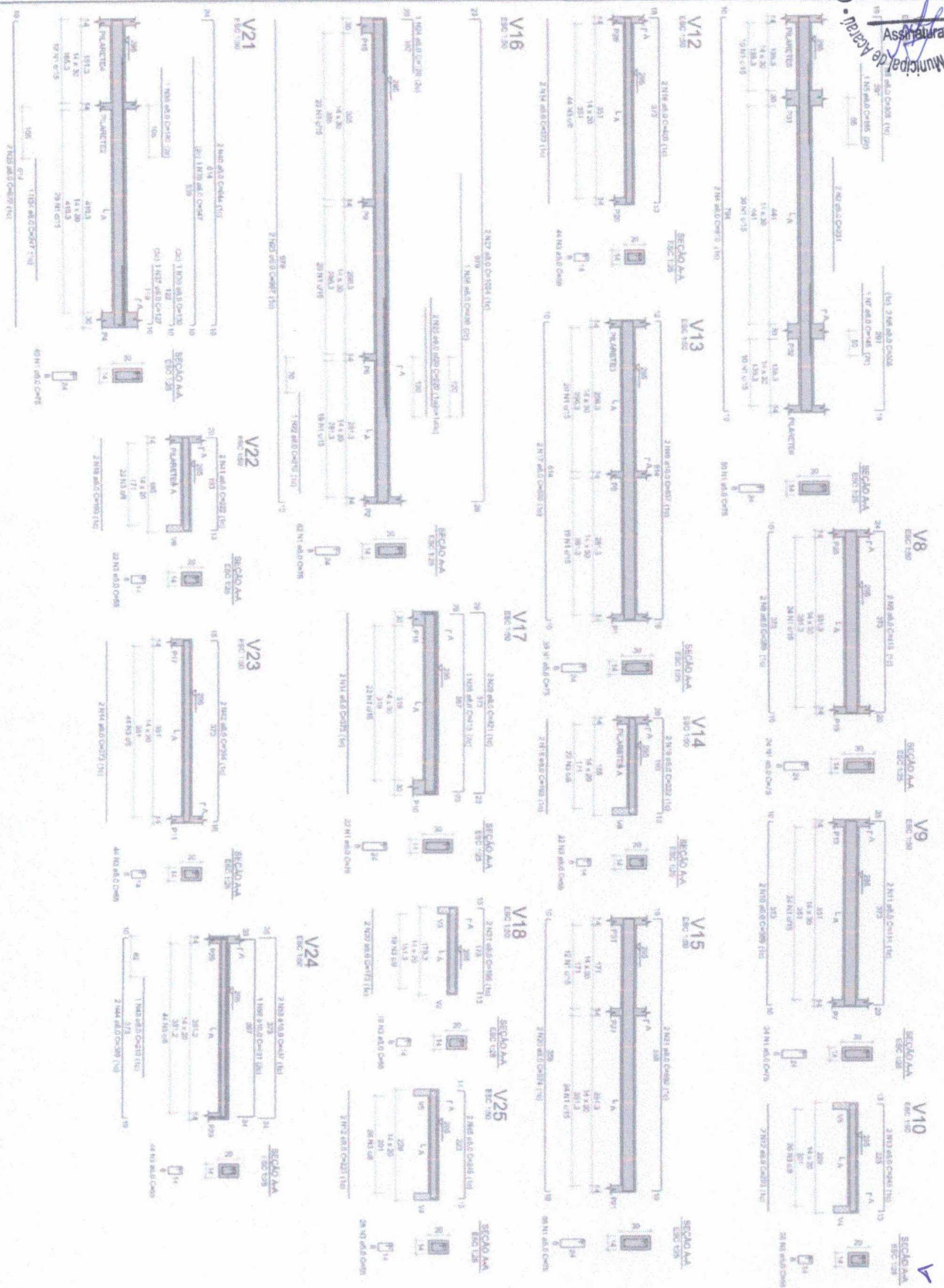
ACO	QUANT.	C. TOTAL	RESQ. = 10%
Ø20	63,1	36,1	36,1
Ø25	62	409	61,4
Ø32	128	1555	182,1
Ø40	52	428,7	71,8
TOTAL			

Verificar os resultados (D=25 = 64,1 m)
 Área de Grade = 126,37 m²

ACO	N	DIAM	QUANT.	CLASSE	C. TOTAL
Ø20	1	20	63,1	1	36,1
Ø25	2	25	62	2	409
Ø32	3	32	128	3	1555
Ø40	4	40	52	4	428,7
Ø20	5	20	63,1	5	36,1
Ø25	6	25	62	6	409
Ø32	7	32	128	7	1555
Ø40	8	40	52	8	428,7
Ø20	9	20	63,1	9	36,1
Ø25	10	25	62	10	409
Ø32	11	32	128	11	1555
Ø40	12	40	52	12	428,7
Ø20	13	20	63,1	13	36,1
Ø25	14	25	62	14	409
Ø32	15	32	128	15	1555
Ø40	16	40	52	16	428,7
Ø20	17	20	63,1	17	36,1
Ø25	18	25	62	18	409
Ø32	19	32	128	19	1555
Ø40	20	40	52	20	428,7
Ø20	21	20	63,1	21	36,1
Ø25	22	25	62	22	409
Ø32	23	32	128	23	1555
Ø40	24	40	52	24	428,7
Ø20	25	20	63,1	25	36,1
Ø25	26	25	62	26	409
Ø32	27	32	128	27	1555
Ø40	28	40	52	28	428,7
Ø20	29	20	63,1	29	36,1
Ø25	30	25	62	30	409
Ø32	31	32	128	31	1555
Ø40	32	40	52	32	428,7
Ø20	33	20	63,1	33	36,1
Ø25	34	25	62	34	409
Ø32	35	32	128	35	1555
Ø40	36	40	52	36	428,7
Ø20	37	20	63,1	37	36,1
Ø25	38	25	62	38	409
Ø32	39	32	128	39	1555
Ø40	40	40	52	40	428,7
Ø20	41	20	63,1	41	36,1
Ø25	42	25	62	42	409
Ø32	43	32	128	43	1555
Ø40	44	40	52	44	428,7
Ø20	45	20	63,1	45	36,1
Ø25	46	25	62	46	409
Ø32	47	32	128	47	1555
Ø40	48	40	52	48	428,7
Ø20	49	20	63,1	49	36,1
Ø25	50	25	62	50	409
Ø32	51	32	128	51	1555
Ø40	52	40	52	52	428,7
Ø20	53	20	63,1	53	36,1
Ø25	54	25	62	54	409
Ø32	55	32	128	55	1555
Ø40	56	40	52	56	428,7
Ø20	57	20	63,1	57	36,1
Ø25	58	25	62	58	409
Ø32	59	32	128	59	1555
Ø40	60	40	52	60	428,7
Ø20	61	20	63,1	61	36,1
Ø25	62	25	62	62	409
Ø32	63	32	128	63	1555
Ø40	64	40	52	64	428,7
Ø20	65	20	63,1	65	36,1
Ø25	66	25	62	66	409
Ø32	67	32	128	67	1555
Ø40	68	40	52	68	428,7
Ø20	69	20	63,1	69	36,1
Ø25	70	25	62	70	409
Ø32	71	32	128	71	1555
Ø40	72	40	52	72	428,7
Ø20	73	20	63,1	73	36,1
Ø25	74	25	62	74	409
Ø32	75	32	128	75	1555
Ø40	76	40	52	76	428,7
Ø20	77	20	63,1	77	36,1
Ø25	78	25	62	78	409
Ø32	79	32	128	79	1555
Ø40	80	40	52	80	428,7
Ø20	81	20	63,1	81	36,1
Ø25	82	25	62	82	409
Ø32	83	32	128	83	1555
Ø40	84	40	52	84	428,7
Ø20	85	20	63,1	85	36,1
Ø25	86	25	62	86	409
Ø32	87	32	128	87	1555
Ø40	88	40	52	88	428,7
Ø20	89	20	63,1	89	36,1
Ø25	90	25	62	90	409
Ø32	91	32	128	91	1555
Ø40	92	40	52	92	428,7
Ø20	93	20	63,1	93	36,1
Ø25	94	25	62	94	409
Ø32	95	32	128	95	1555
Ø40	96	40	52	96	428,7
Ø20	97	20	63,1	97	36,1
Ø25	98	25	62	98	409
Ø32	99	32	128	99	1555
Ø40	100	40	52	100	428,7



PROJETO EXECUTIVO
 URS - CORREDOR DAS VARAS
 PREFEITURA MUNICIPAL DE ACAUÃ
 Nº 403 - CORREDOR DAS VARAS
 FORMA DO TERRENO
 NOME: MARIA CRISTINA MARTINS
 NOME: MARIA CRISTINA MARTINS
 DATA: 14/09/2011



PROJETO EXECUTIVO



CLIENTE: PREFEITURA MUNICIPAL DE ACARAI
 ENDEREÇO: RUA PLÁCIDO DE SAUSSE ACARAI - CE
 PROJETO: FORMA DO TERREDO
 ARQUITETA: MARIA CRISTINA MARTINS
 DATA: 11/10/2011

Nº 15.15
 1/100

ORÇAMENTO ANALÍTICO | CONSTRUÇÃO DA UNIDADE BÁSICA DE SAÚDE - PADRÃO 1 ILHA DOS COQUEIROS

OBRA: Construção da Unidade Básica de Saúde - Padrão 1
 LOCAL: Ilha dos Coqueiros, município de Acaraú/CE
 BDI: 26,00%
 SEINFRA: 027.1 (Desonerada)
 SINAPI: 09/2021 DESONERADA



Área Total: 282,50 m²
 Valor Total: 810.665,35
 Valor Total/m²: R\$ 2.869,61/m²

ITEM	DESCRIÇÃO	VALOR TOTAL	PERCENTUAL
1	MOBILIZAÇÃO - CANTEIRO DE OBRAS - DEMOLIÇÕES	R\$ 31.193,11	3,85%
2	MOVIMENTO DE TERRA	R\$ 3.648,71	0,45%
3	FUNDAÇÃO E ESTRUTURA	R\$ 126.286,14	15,58%
4	ALVENARIA - VEDAÇÃO	R\$ 50.685,57	6,25%
5	IMPERMEABILIZAÇÃO	R\$ 5.968,18	0,74%
6	COBERTURA	R\$ 56.768,70	7,00%
7	REVESTIMENTOS - PISOS, PAREDES E TETOS	R\$ 215.438,67	26,58%
8	ESQUARIAS	R\$ 62.166,26	7,67%
9	INSTALAÇÕES ELETRICAS	R\$ 102.850,40	12,69%
10	INSTALAÇÕES HIDAULICAS	R\$ 60.771,10	7,50%
11	REDE AR COMPRIMIDO	R\$ 5.957,55	0,73%
12	COMUNICAÇÃO VISUAL	R\$ 7.077,42	0,87%
13	DIVERSOS E LIMPEZA DA OBRA	R\$ 5.058,01	0,62%
14	MUROS/CALÇADAS// RESERVATÓRIO	R\$ 76.795,53	9,47%
	VALOR BDI 26,00%	R\$ 210.772,99	26,00%
	VALOR SEM BDI	R\$ 599.892,36	74,00%
	VALOR TOTAL	R\$ 810.665,35	100,00%


 MARA CRISTINA MARTINS
 Engenheira Civil
 RNP: 460307738-4
 CREA / SP 308095177-4

4