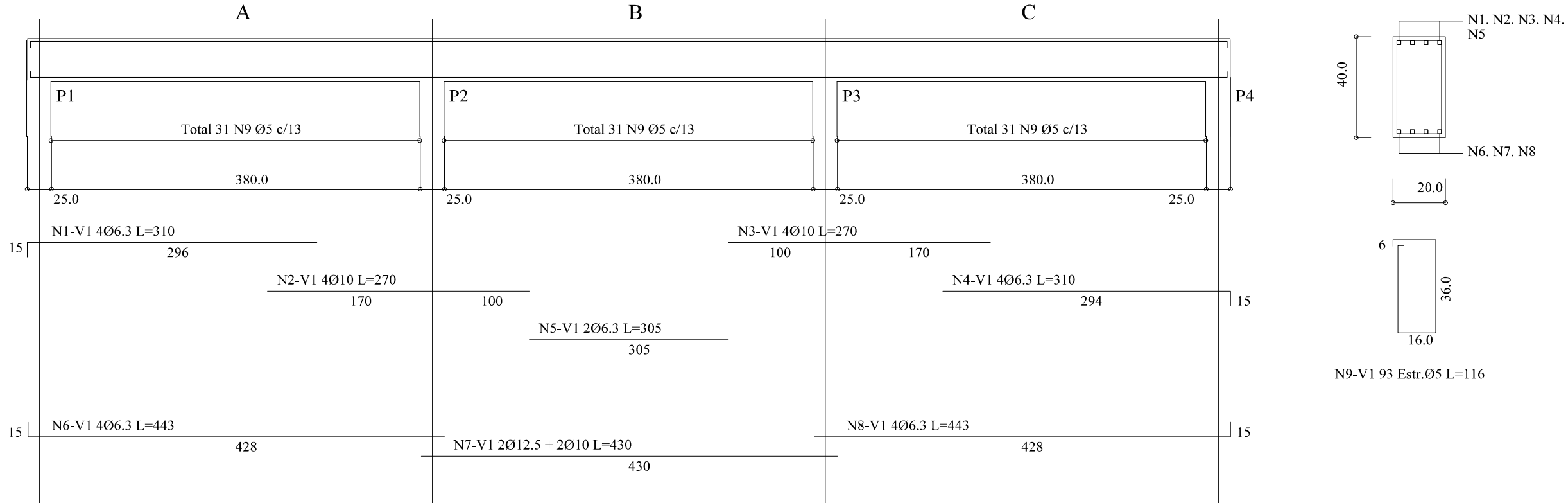
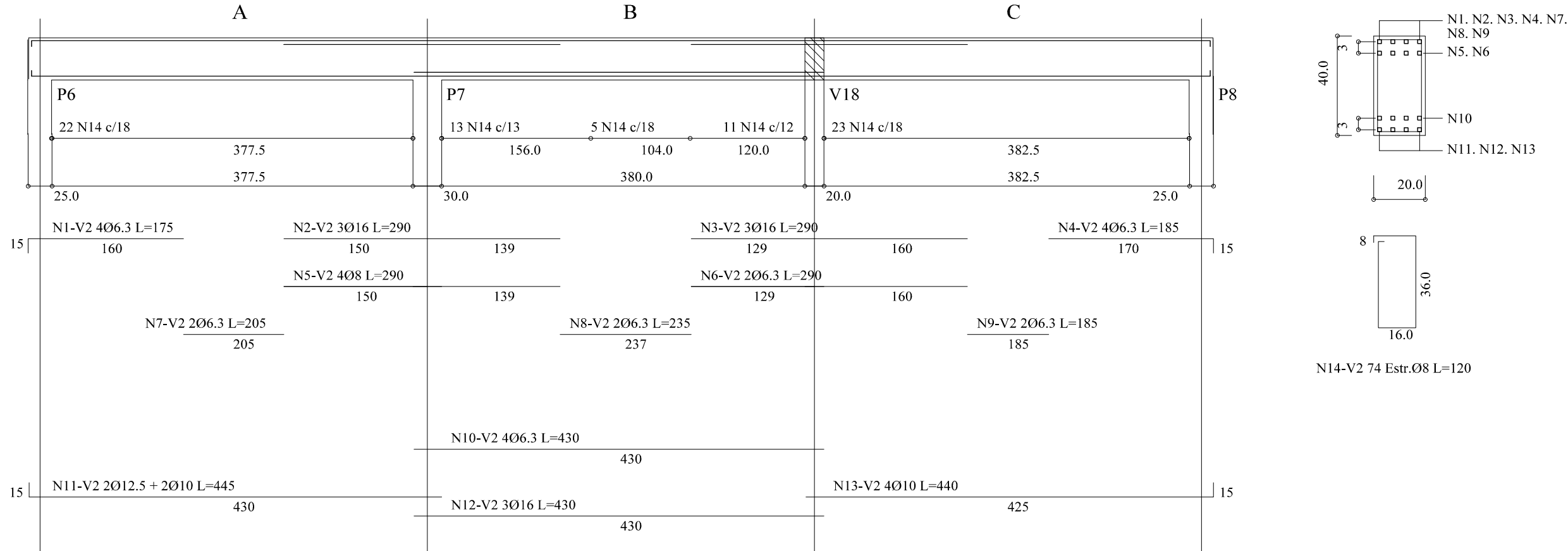


V1 (20.0x40.0)



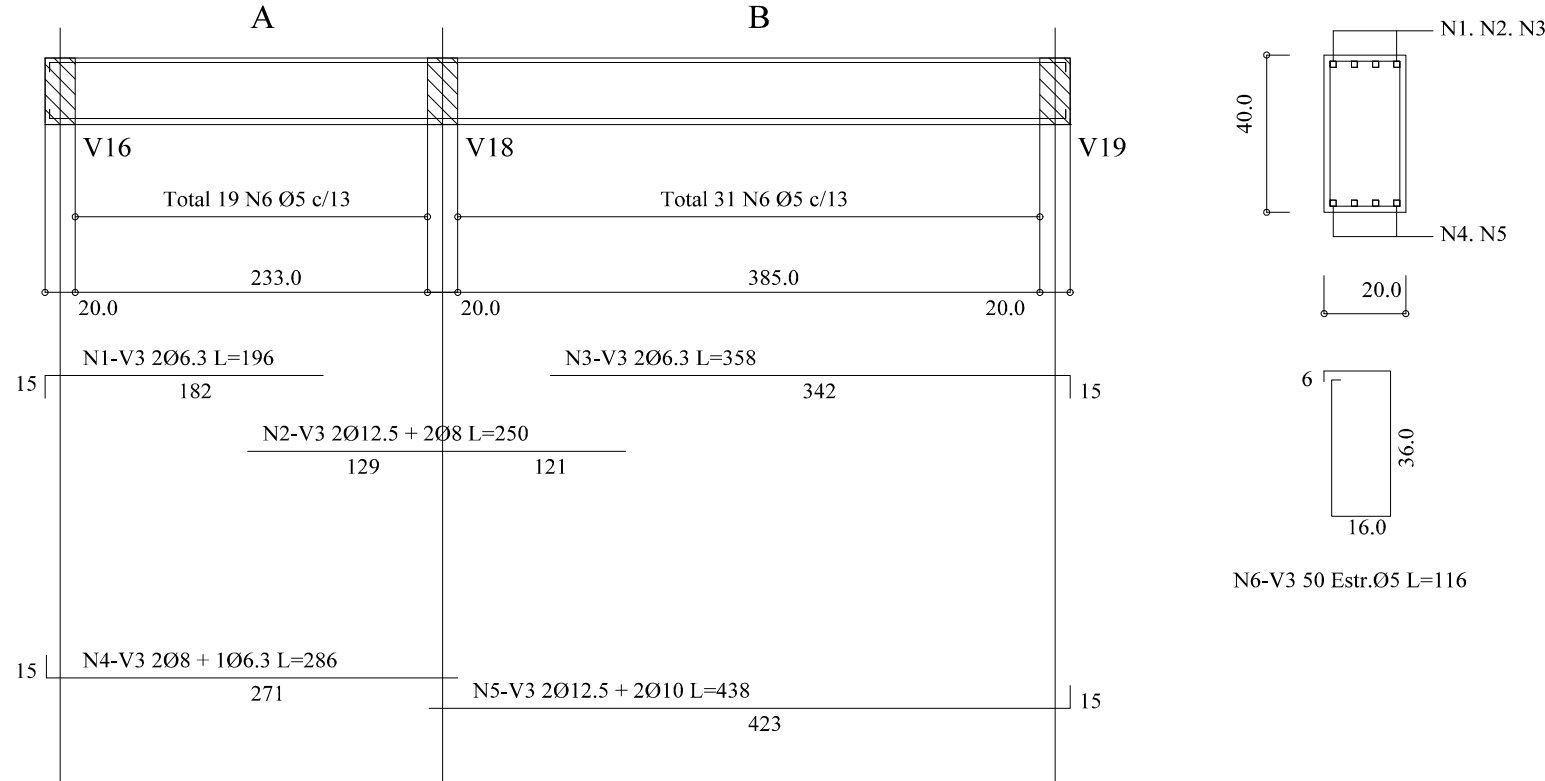
V2 (20.0x40.0)



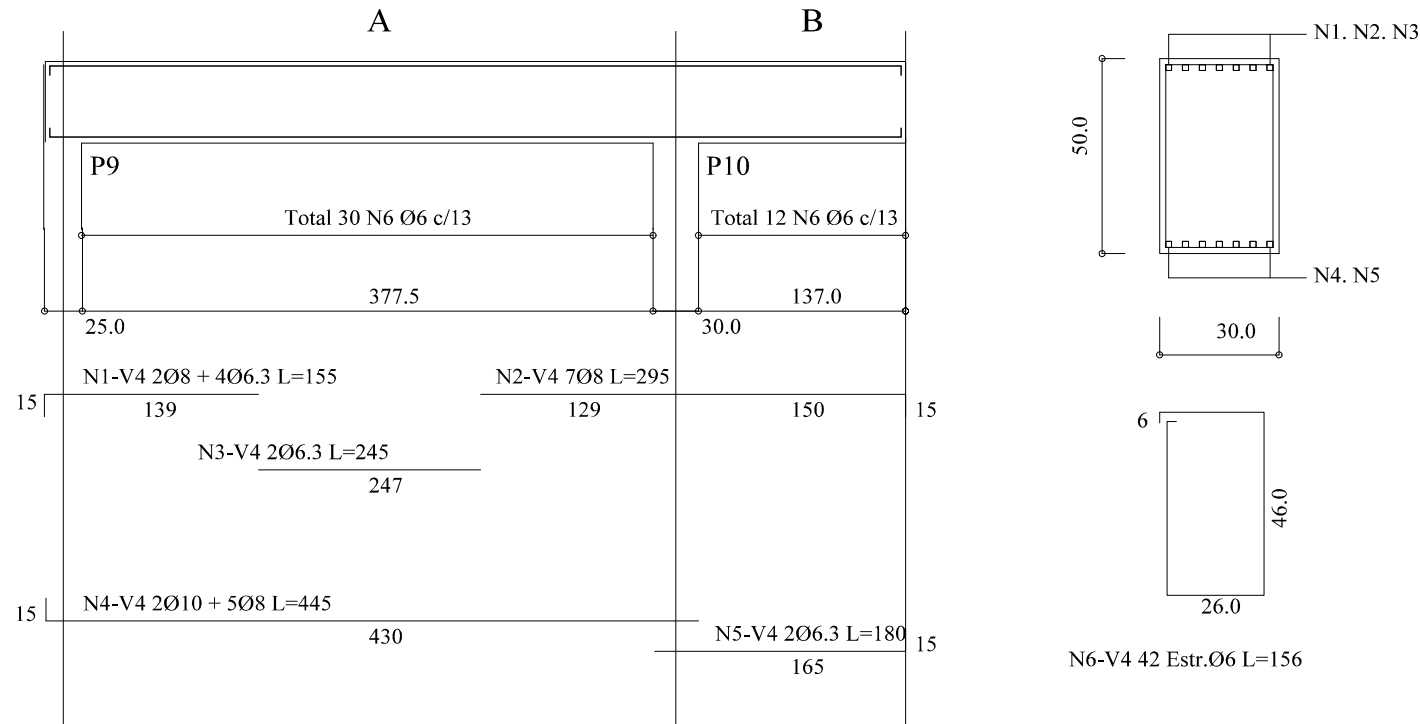
QUANTIDADE DE ACO			
Ø	m	kg	A
6.3	318.7	78.0	
8.0	211.6	83.5	
10	104.1	58.3	
12.5	67.0	64.6	
16	54.3	85.8	
CA-50 A			
5.0	265.4	40.9	
6.0	279.3	62.0	
CA-60 B			
5.0	265.4	40.9	
6.0	279.3	62.0	

- OBSERVACOES
- 1) CONCRETO $f_{ck} \geq 25$ MPa
 - 2) ACO CA- 50 A e CA-60 B
 - 3) VOLUME DE CONCRETO 6.5 m³
 - 4) AREA DE FORMAS 73.4 m²

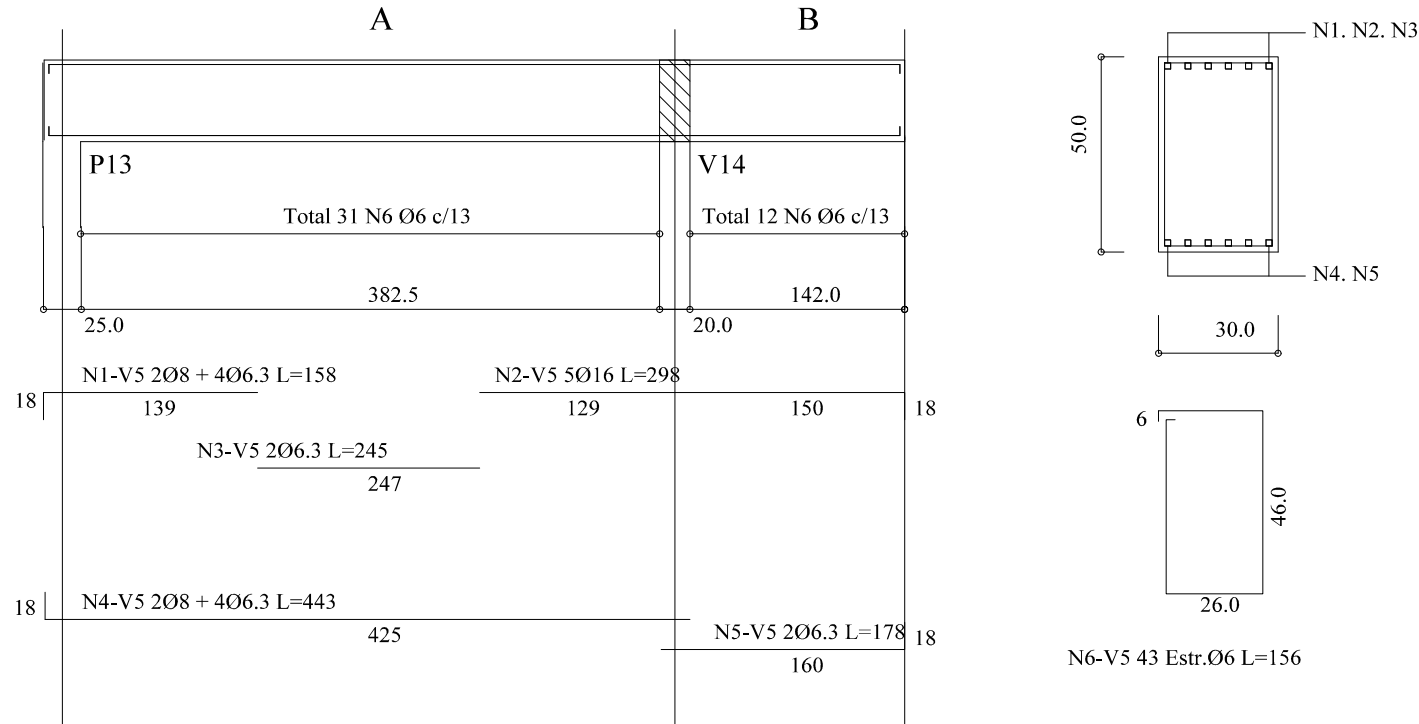
V3 (20.0x40.0)



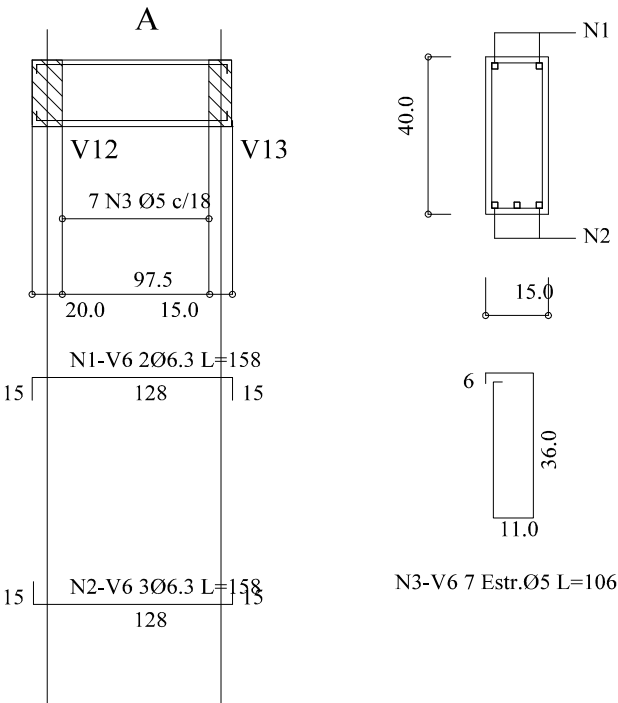
V4 (30.0x50.0)



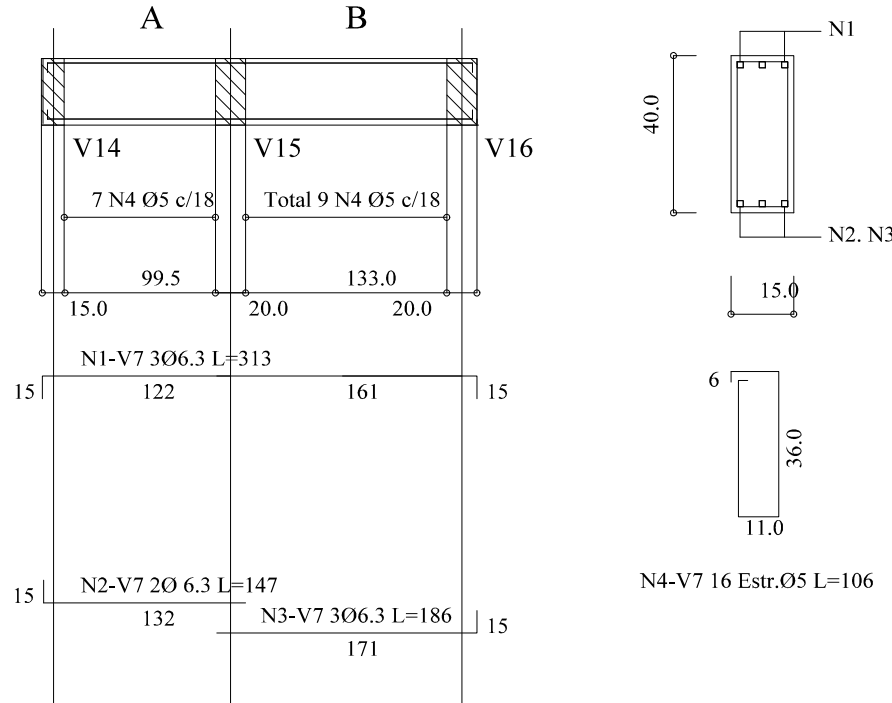
V5 (30.0x50.0)



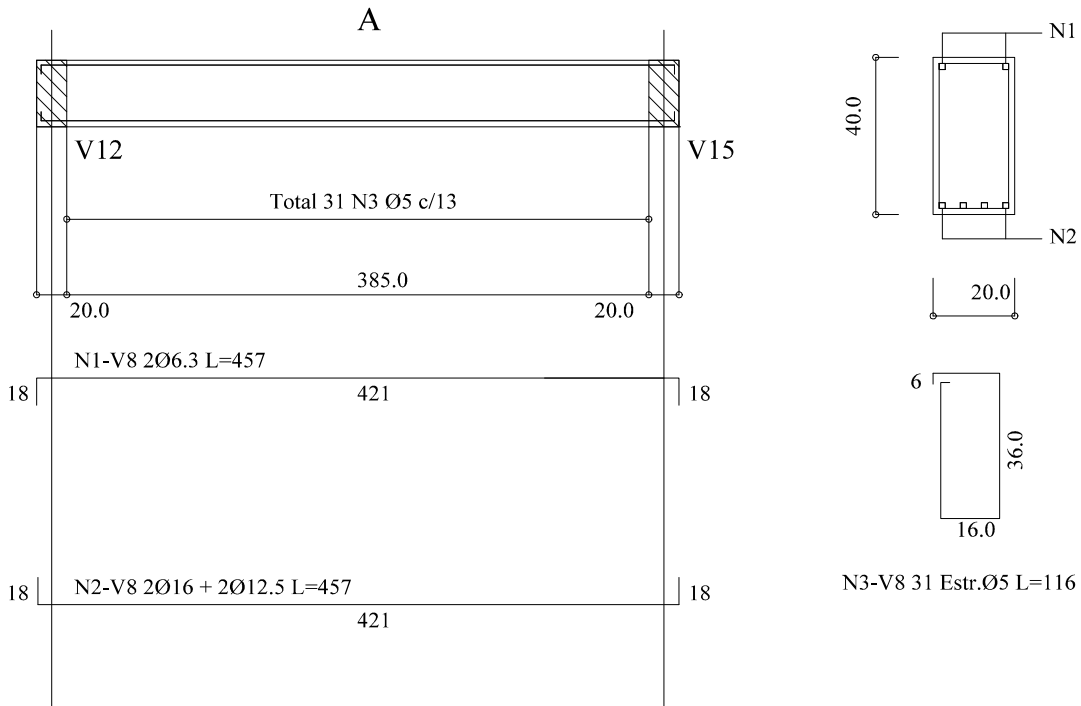
V6 (15.0x40.0)



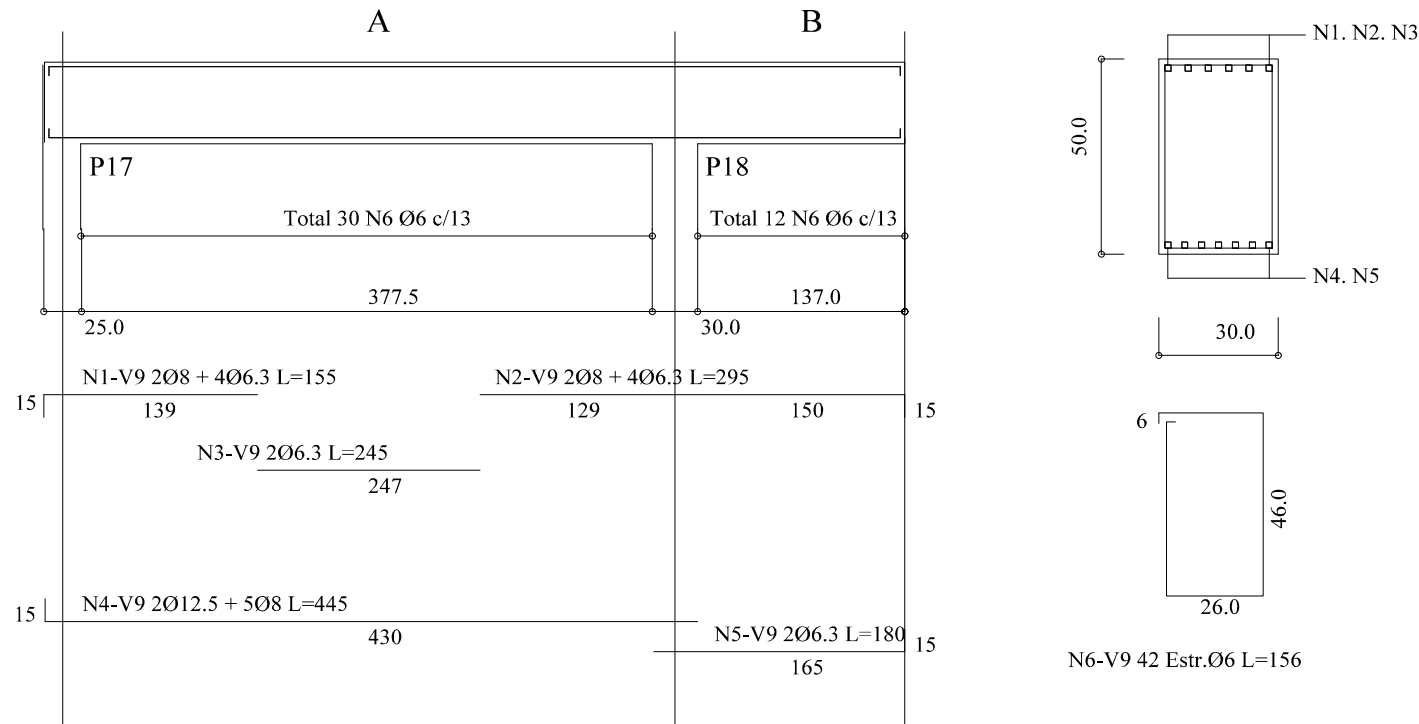
V7 (15.0x40.0)



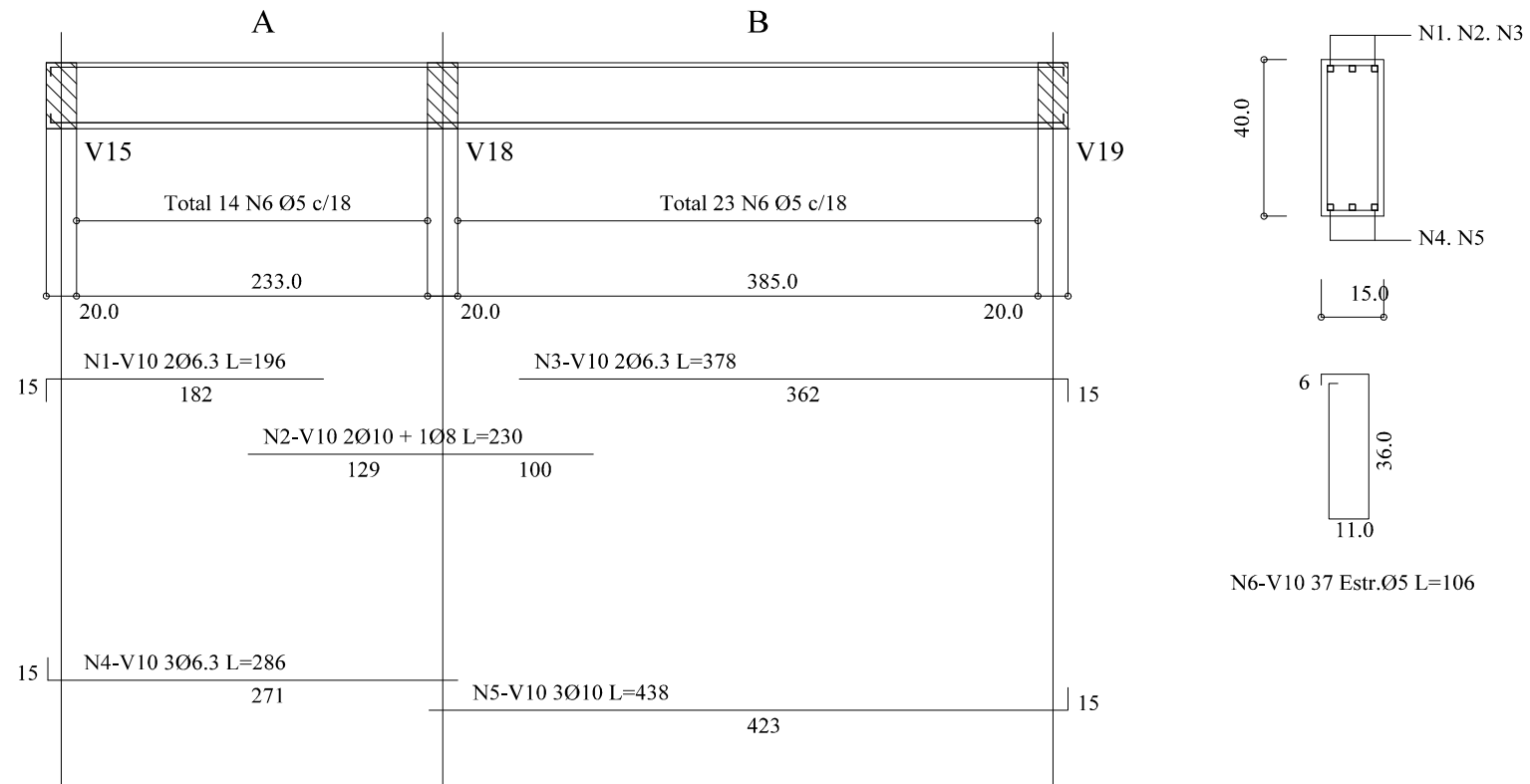
V8 (20.0x40.0)



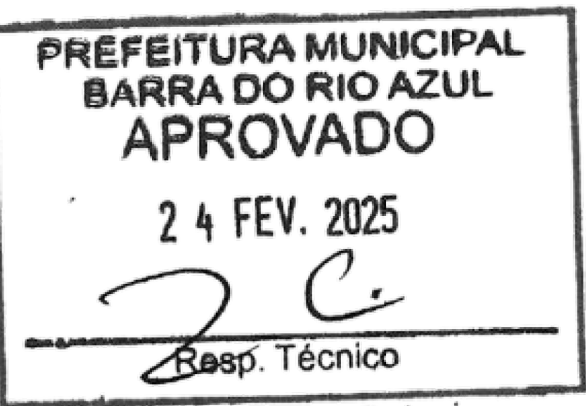
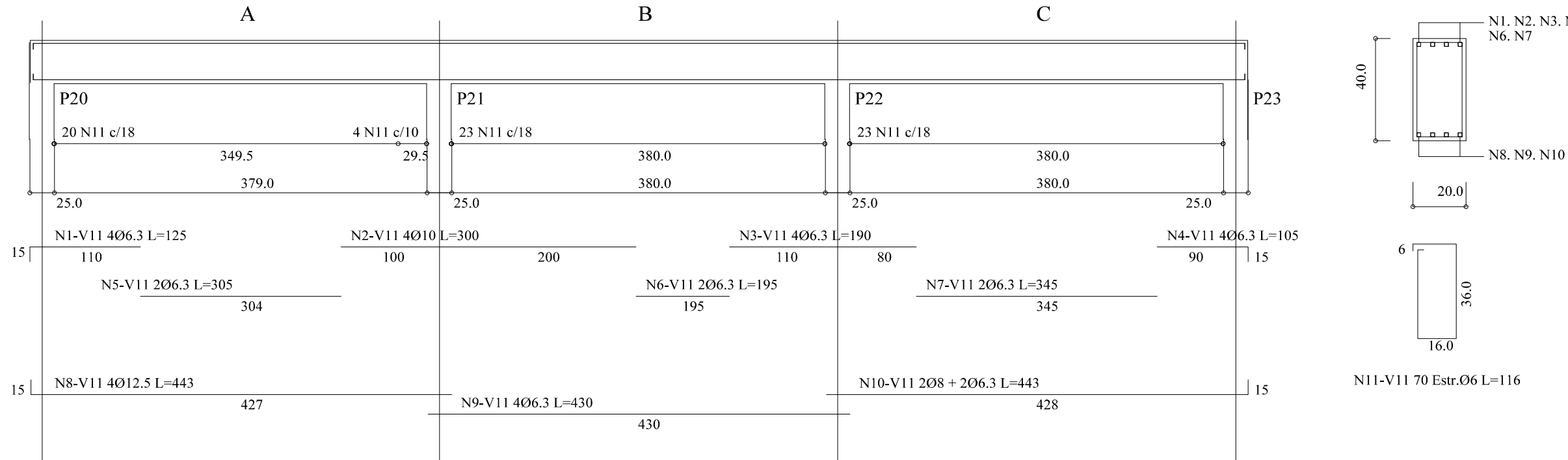
V9 (30.0x50.0)



V10 (15.0x40.0)



V11 (20.0x40.0)



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

ARMAÇÃO V1 A V11

Prancha:

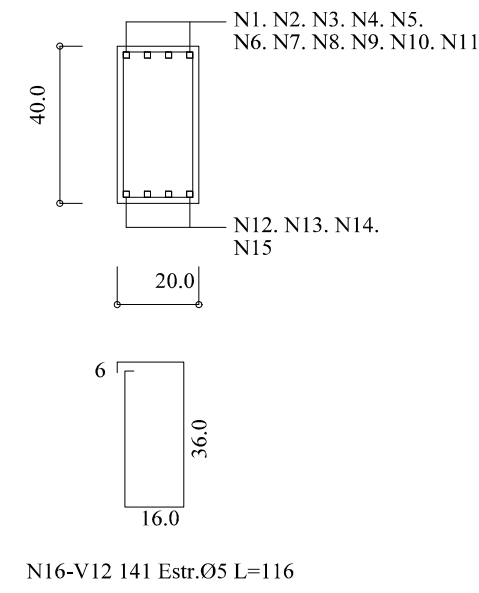
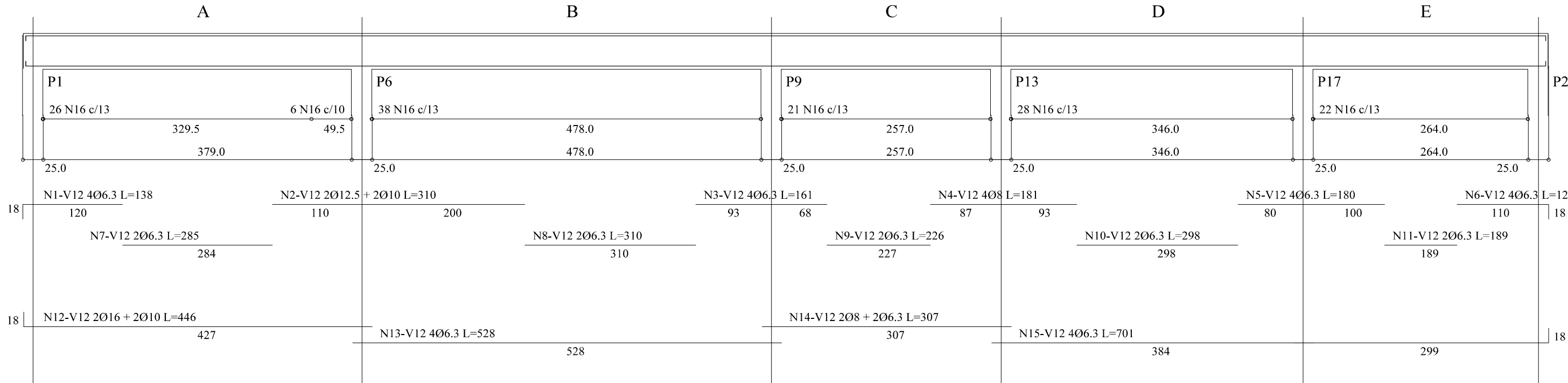
CA01

ANDERSON BAGATINI
Prefeito Municipal

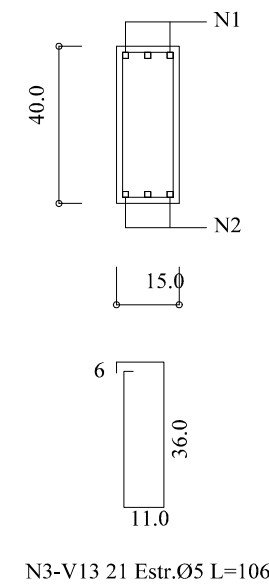
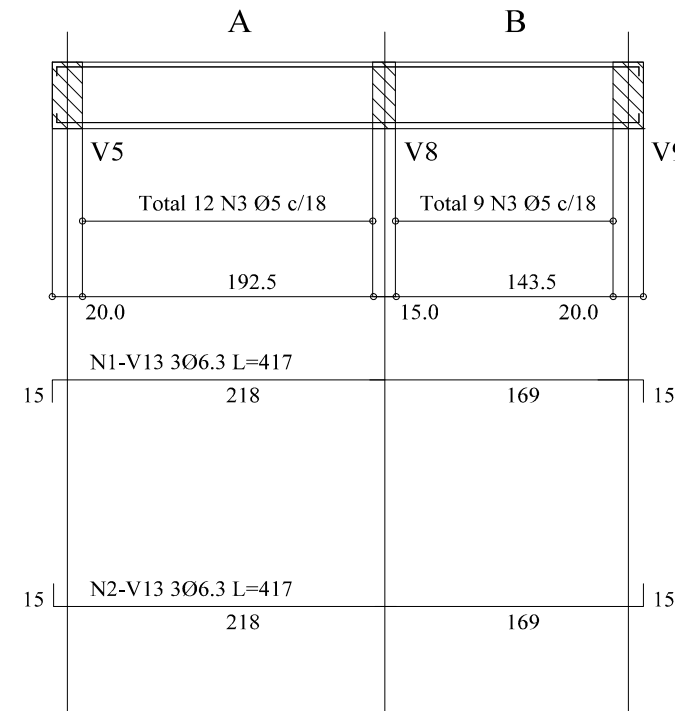
João Jaime Detoni
Engº Civil
CREA 27291
Barra do Rio Azul-RS

Eng. civil - João Jaime Detoni
CREA RS 012.028

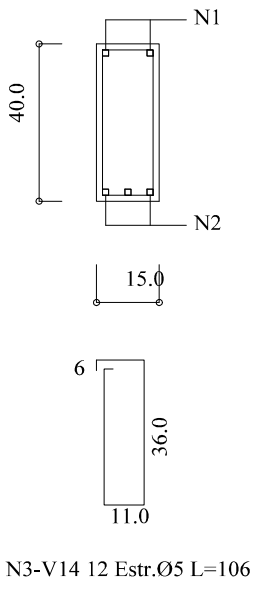
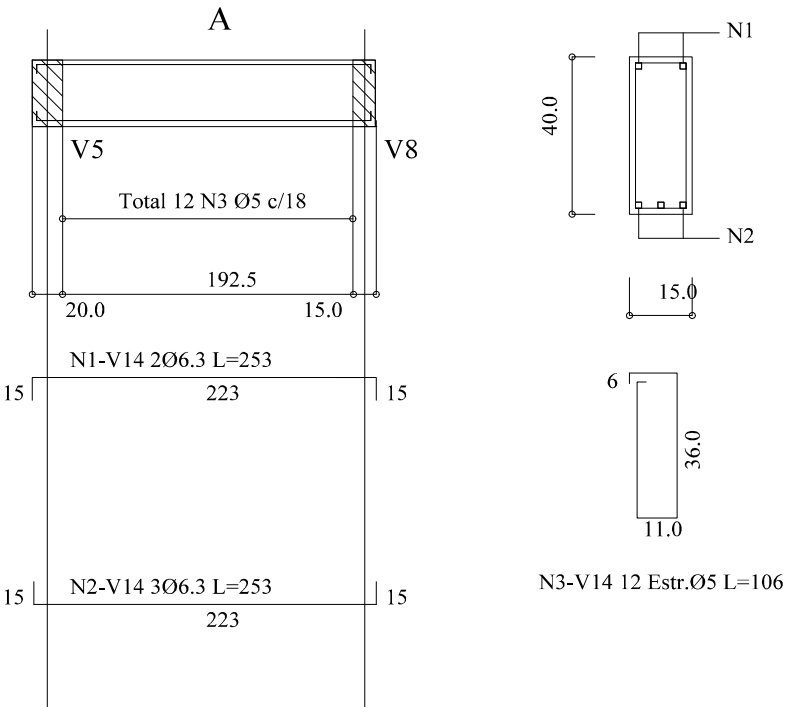
V12 (20.0x40.0)



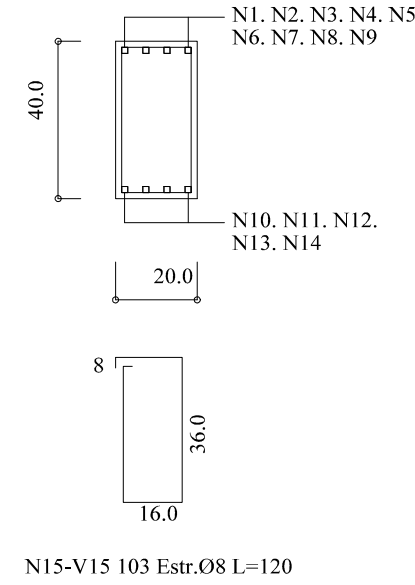
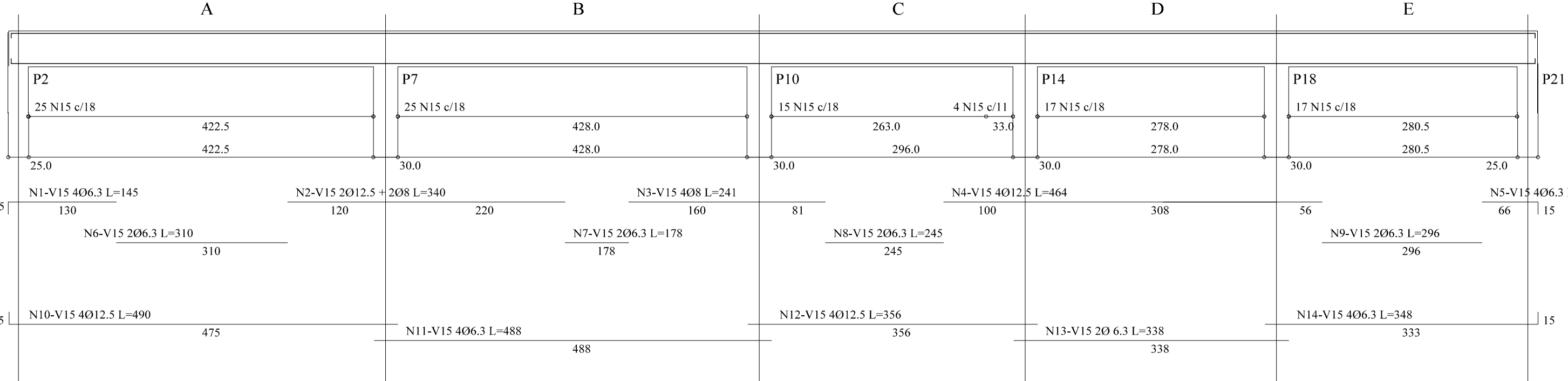
V13 (15.0x40.0)



V14 (15.0x40.0)



V15 (20.0x40.0)

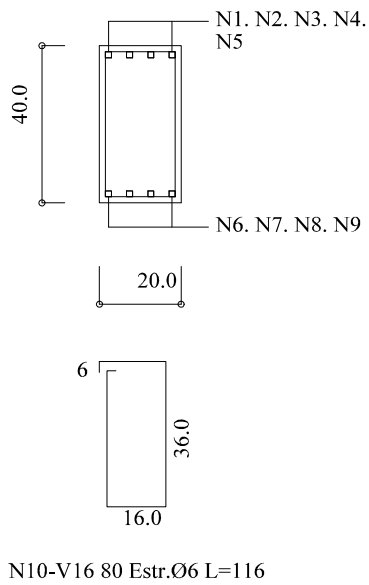
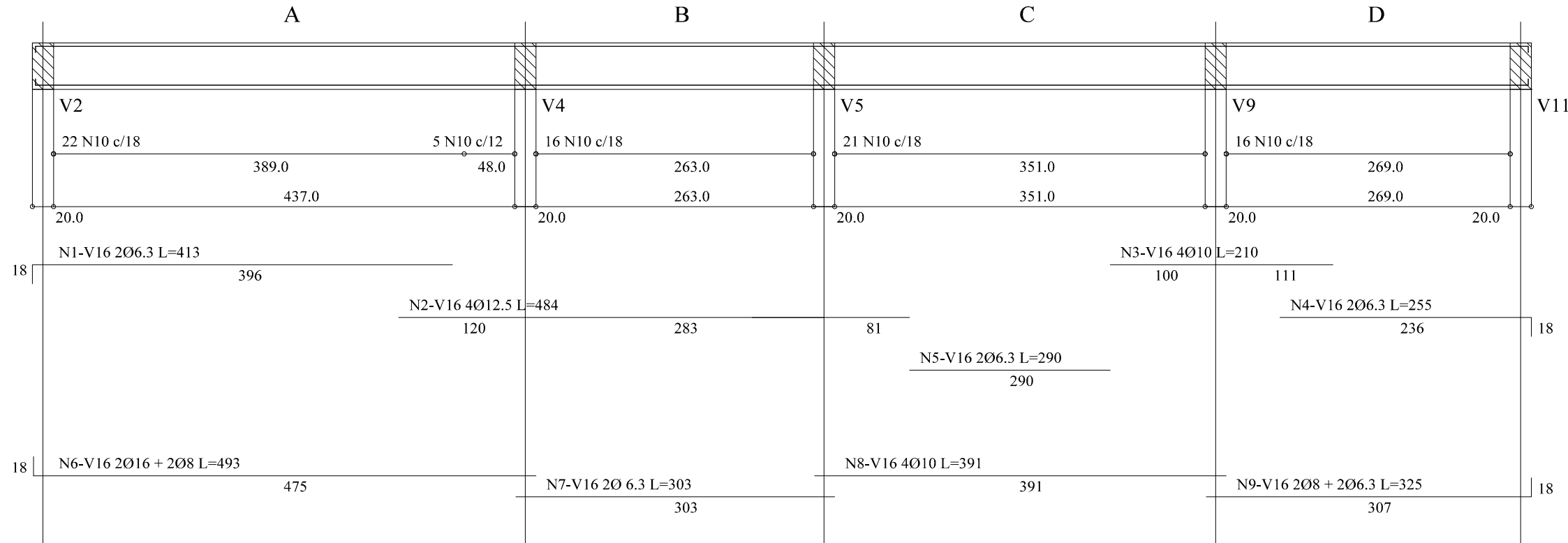


QUANTIDADE DE ACO			
Ø	m	kg	
CA-50 A			
6.3	372.4	91.1	
8.0	309.9	122.3	
10	64.6	36.2	
12.5	116.6	112.3	
16	75.0	118.4	
CA-60 B			
5.0	216.6	33.4	
6.0	92.8	20.6	

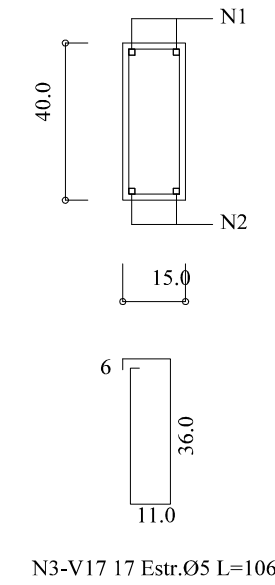
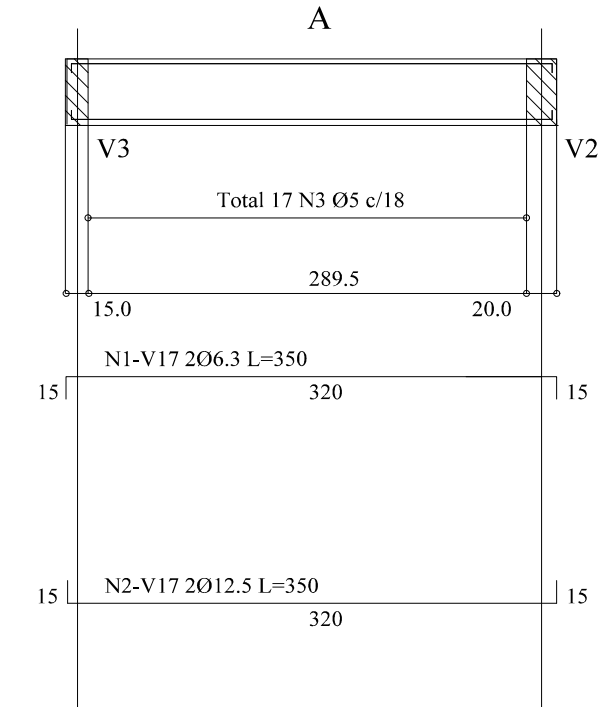
OBSERVACOES

- 1) CONCRETO fck>= 25 MPa
- 2) ACO CA- 50 A e CA-60 B
- 3) VOLUME DE CONCRETO 6.4 m³
- 4) AREA DE FORMAS 79.6 m²

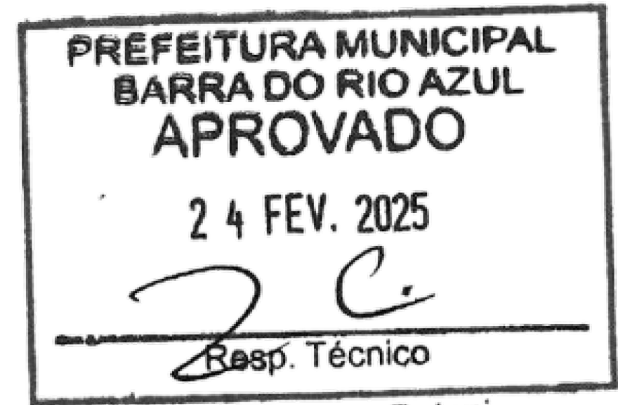
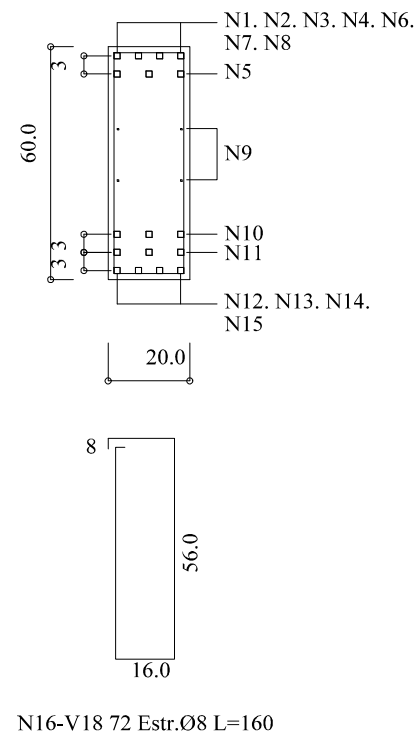
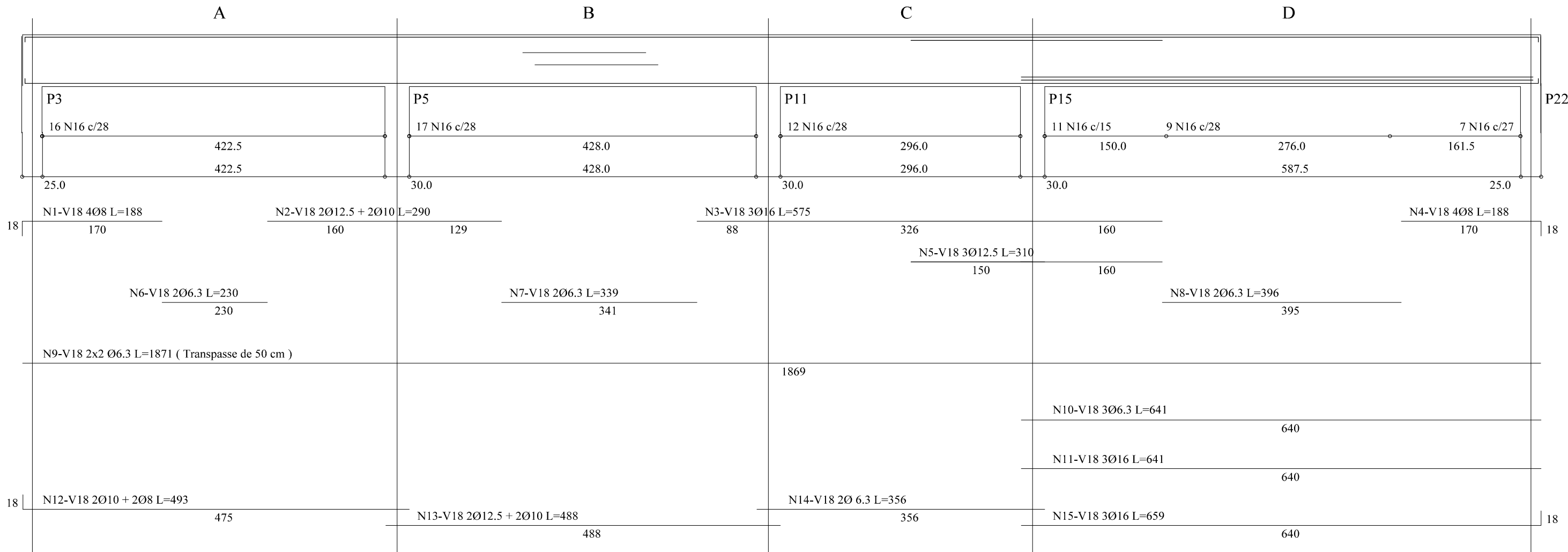
V16 (20.0x40.0)



V17 (15.0x40.0)



V18 (20.0x60.0)



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS Barra do Rio Azul-RS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

ARMAÇÃO V12 A V18

Prancha:

CA02

ANDERSON BAGATINI
Prefeito Municipal

Eng. civil - João Jaime Detoni
CREA RS 012.028

V19 (20.0x40.0)

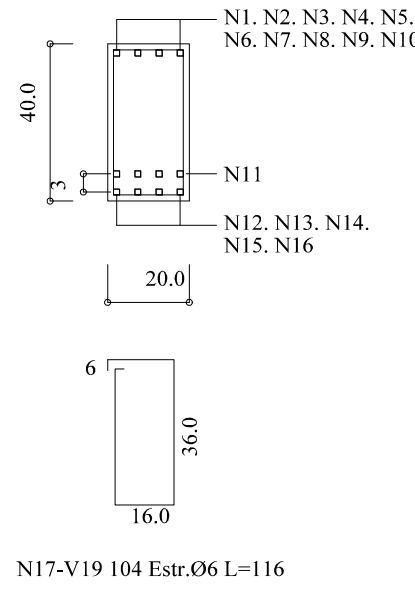
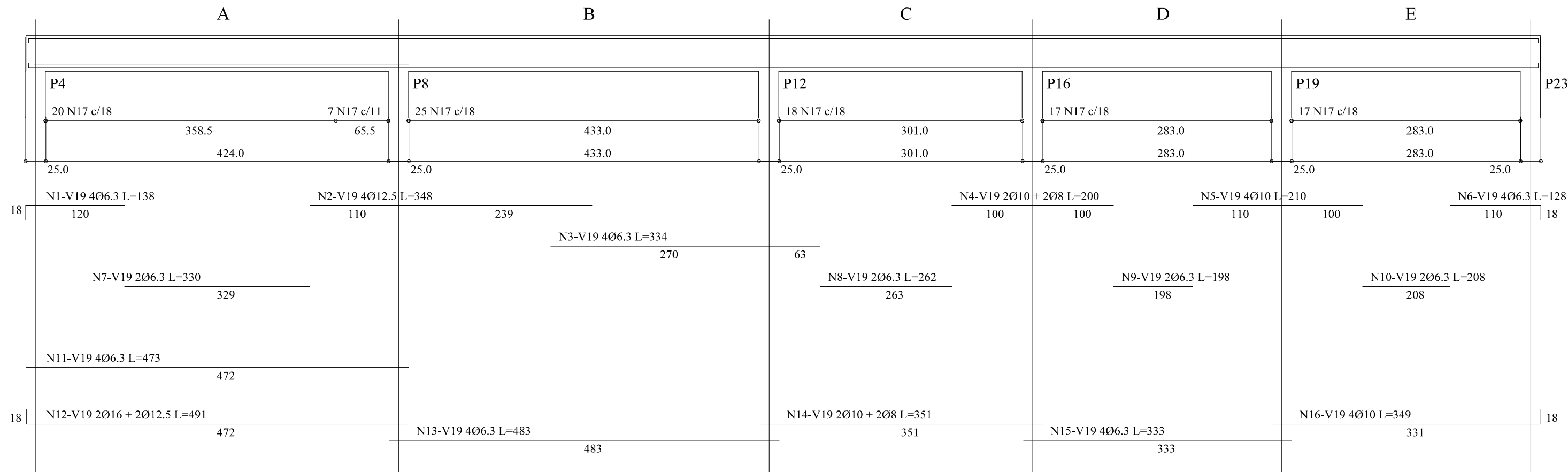


TABELA DE CORTE - CA 02

Posicao	Ø mm	Quantidade	COMPRIMENTOS	
			UNIT. cm	TOTAL cm
N1-V18	8	4	188	752
N2-V18	12,5	2	290	580
N2-V18	10	2	290	580
N3-V18	16	3	575	1725
N5-V18	12,5	3	310	930
N4-V18	8	4	188	752
N6-V18	6,3	2	230	460
N7-V18	6,3	2	339	678
N8-V18	6,3	2	396	792
N9-V18	6,3	4	1871	7484
N12-V18	10	2	493	986
N12-V18	8	2	493	986
N13-V18	12,5	2	488	976
N13-V18	10	2	488	976
N14-V18	6,3	2	356	712
N15-V18	16	3	659	1977
N11-V18	16	3	641	1923
N10-V18	6,3	3	641	1923
N16-V18	8	72	160	11520
N1-V17	6,3	2	350	700
N2-V17	12,5	2	350	700
N3-V17	5	17	106	1802
N1-V16	6,3	2	413	826
N2-V16	12,5	4	484	1936
N3-V16	10	4	210	840
N4-V16	6,3	2	255	510
N5-V16	6,3	2	290	580
N6-V16	16	2	493	986
N6-V16	8	2	493	986
N7-V16	6,3	2	303	606
N8-V16	10	4	391	1564
N9-V16	8	2	325	650
N9-V16	6,3	2	325	650
N10-V16	6	80	116	9280
N1-V15	6,3	4	145	580
N2-V15	12,5	2	340	680
N2-V15	8	2	340	680
N3-V15	8	4	241	964
N4-V15	12,5	4	464	1856
N5-V15	6,3	4	81	324
N6-V15	6,3	2	310	620
N7-V15	6,3	2	178	356
N8-V15	6,3	2	245	490
N9-V15	6,3	2	296	592
N10-V15	12,5	4	490	1960
N11-V15	6,3	4	488	1952
N12-V15	12,5	4	356	1424
N13-V15	6,3	2	338	676
N14-V15	6,3	4	348	1392
N15-V15	8	103	120	12360
N1-V14	6,3	2	253	506
N2-V14	6,3	3	253	759
N3-V14	5	12	106	1272
N1-V13	6,3	3	417	1251
N2-V13	6,3	3	417	1251
N3-V13	5	21	106	2226
N1-V12	6,3	4	138	552
N2-V12	12,5	2	310	620
N2-V12	10	2	310	620
N3-V12	6,3	4	161	644
N4-V12	8	4	181	724
N5-V12	6,3	4	180	720
N6-V12	6,3	4	128	512
N7-V12	6,3	2	285	570
N8-V12	6,3	2	310	620
N9-V12	6,3	2	226	452
N10-V12	6,3	2	298	596
N11-V12	6,3	2	189	378
N12-V12	16	2	446	892
N12-V12	10	2	446	892
N13-V12	6,3	4	528	2112
N14-V12	8	2	307	614
N14-V12	6,3	2	307	614
N15-V12	6,3	4	701	2804
N16-V12	5	141	116	16356

TABELA DE CORTE - CA 03

Posicao	Ø mm	Quantidade	COMPRIMENTOS	
			UNIT. cm	TOTAL cm
N1-V19	6,3	4	138	552
N2-V19	12,5	4	348	1392
N3-V19	6,3	4	334	1336
N4-V19	10	2	200	400
N4-V19	8	2	200	400
N5-V19	10	4	210	840
N6-V19	6,3	4	128	512
N7-V19	6,3	2	330	660
N8-V19	6,3	2	262	524
N9-V19	6,3	2	198	396
N10-V19	6,3	2	208	416
N11-V19	6,3	4	473	1892
N12-V19	16	2	491	982
N12-V19	12,5	2	491	982
N13-V19	6,3	4	483	1932
N14-V19	10	2	351	702
N14-V19	8	2	351	702
N15-V19	6,3	4	333	1332
N16-V19	10	4	349	1396
N17-V19	6	104	116	12064

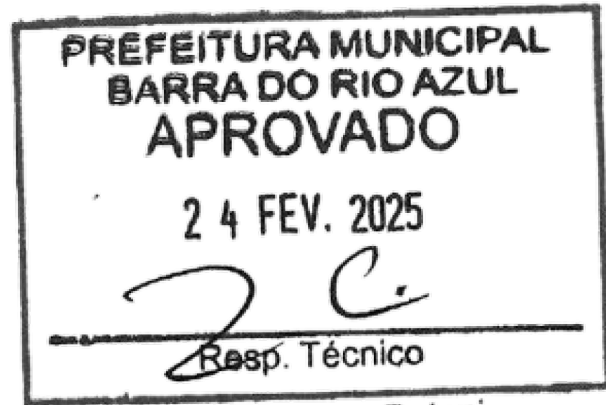
QUANTIDADE DE AÇO		
Ø	m	kg
CA-50 A		
6,3	95,5	23,4
8,0	11,0	4,3
10	33,4	18,7
12,5	23,7	22,9
16	9,8	15,5
CA-60 B		
6,0	120,6	26,8

OBSERVACOES

- 1) CONCRETO fck>= 25 MPa
2) AÇO CA- 50 A e CA-60 B
3) VOLUME DE CONCRETO 1,4 m³
4) AREA DE FORMAS 17,2 m²

TABELA DE CORTE- CA01

Posicao	Ø mm	Quantidade	COMPRIMENTOS	
			UNIT. cm	TOTAL cm
N1-V1	6,3	4	310	1240
N2-V1	10	4	270	1080
N3-V1	10	4	270	1080
N4-V1	6,3	4	310	1240
N5-V1	6,3	2	305	610
N6-V1	6,3	4	443	1772
N7-V1	12,5	2	430	860
N7-V1	10	2	430	860
N8-V1	6,3	4	443	1772
N9-V1	5	93	116	10788
N1-V3	6,3	2	196	392
N2-V3	12,5	2	250	500
N2-V3	8	2	250	500
N3-V3	6,3	2	358	716
N4-V3	8	2	286	572
N4-V3	6,3	1	286	286
N5-V3	12,5	2	438	876
N5-V3	10	2	438	876
N6-V3	5	50	116	5800
N1-V4	8	2	155	310
N1-V4	6,3	4	155	620
N2-V4	8	7	295	2065
N3-V4	6,3	2	245	490
N4-V4	10	2	445	890
N4-V4	8	5	445	2225
N5-V4	6,3	2	180	360
N6-V4	6	42	156	6552
N1-V2	6,3	4	175	700
N5-V2	8	4	290	1160
N2-V2	16	3	290	870
N6-V2	6,3	2	290	580
N3-V2	16	3	290	870
N4-V2	6,3	4	185	740
N7-V2	6,3	2	205	410
N8-V2	6,3	2	235	470
N9-V2	6,3	2	185	370
N11-V2	12,5	2	445	890
N11-V2	10	2	445	890
N12-V2	16	3	430	1290
N10-V2	6,3	4	430	1720
N13-V2	10	4	440	1760
N14-V2	8	74	120	8880
N1-V5	8	2	158	316
N1-V5	6,3	4	158	632
N2-V5	16	5	298	1490
N3-V5	6,3	2	245	490
N4-V5	8	2	443	886
N4-V5	6,3	4	443	1772
N5-V5	6,3	2	178	356
N6-V5	6	43	156	6708
N1-V6	6,3	2	158	316
N2-V6	6,3	3	158	474
N3-V6	5	7	106	742
N1-V7	6,3	3	313	939
N2-V7	6,3	2	147	294
N3-V7	6,3	3	186	558
N4-V7	5	16	106	1696
N1-V8	6,3	2	457	914
N2-V8	16	2	457	914
N2-V8	12,5	2	457	914
N3-V8	5	31	116	3596
N1-V9	8	2	155	310
N1-V9	6,3	4	155	620
N2-V9	8	2	295	590
N2-V9	6,3	4	295	1180
N3-V9	6,3	2	245	490
N4-V9	12,5	2	445	890
N4-V9	8	5	445	2225
N5-V9	6,3	2	180	360
N6-V9	6	42	156	6552
N1-V10	6,3	2	196	392
N2-V10	10	2	230	460
N2-V10	8	1	230	230
N3-V10	6,3	2	378	756
N4-V10	6,3	3	286	858
N5-V10	10	3	438	1314
N6-V10	5	37	106	3922
N1-V11	6,3	4	125	500
N2-V11	10	4	300	1200
N3-V11	6,3	4	190	760
N4-V11	6,3	4	105	420
N5-V11	6,3	2	305	610
N6-V11	6,3	2	195	390
N7-V11	6,3	2	345	690
N8-V11	12,5	4	443	1772
N9-V11	6,3	4	430	1720
N10-V11	8	2	443	886
N10-V11	6,3	2	443	886
N11-V11	6	70	116	8120



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

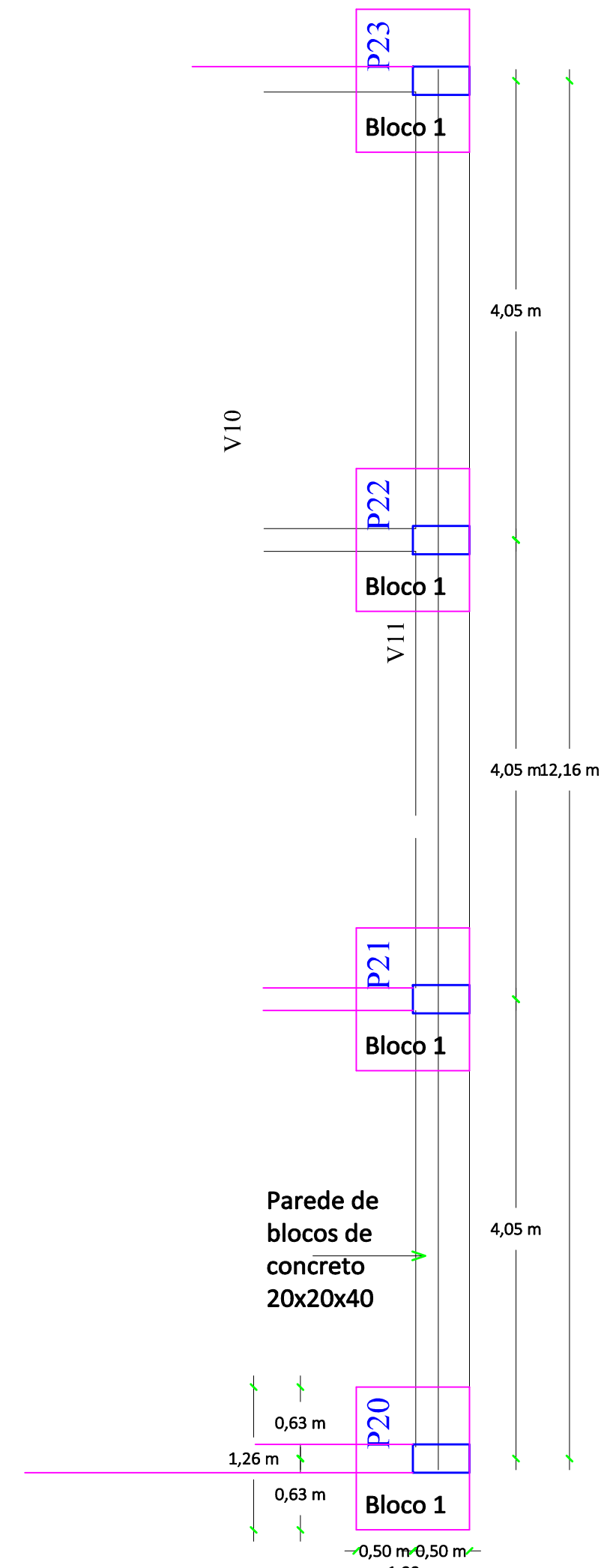
Prancha:

CA03

ARMAÇÃO V19
Tabelas de corte CA 01- CA 02- CA 03

ANDERSON BAGATINI
Prefeito Municipal

Eng. civil - João Jaime Detoni
CREA RS 012.028



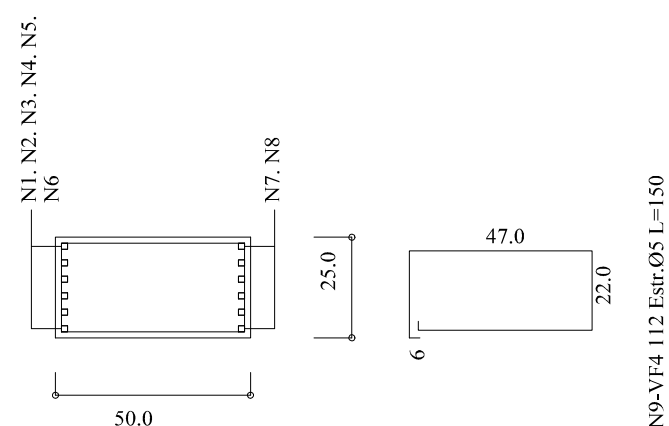
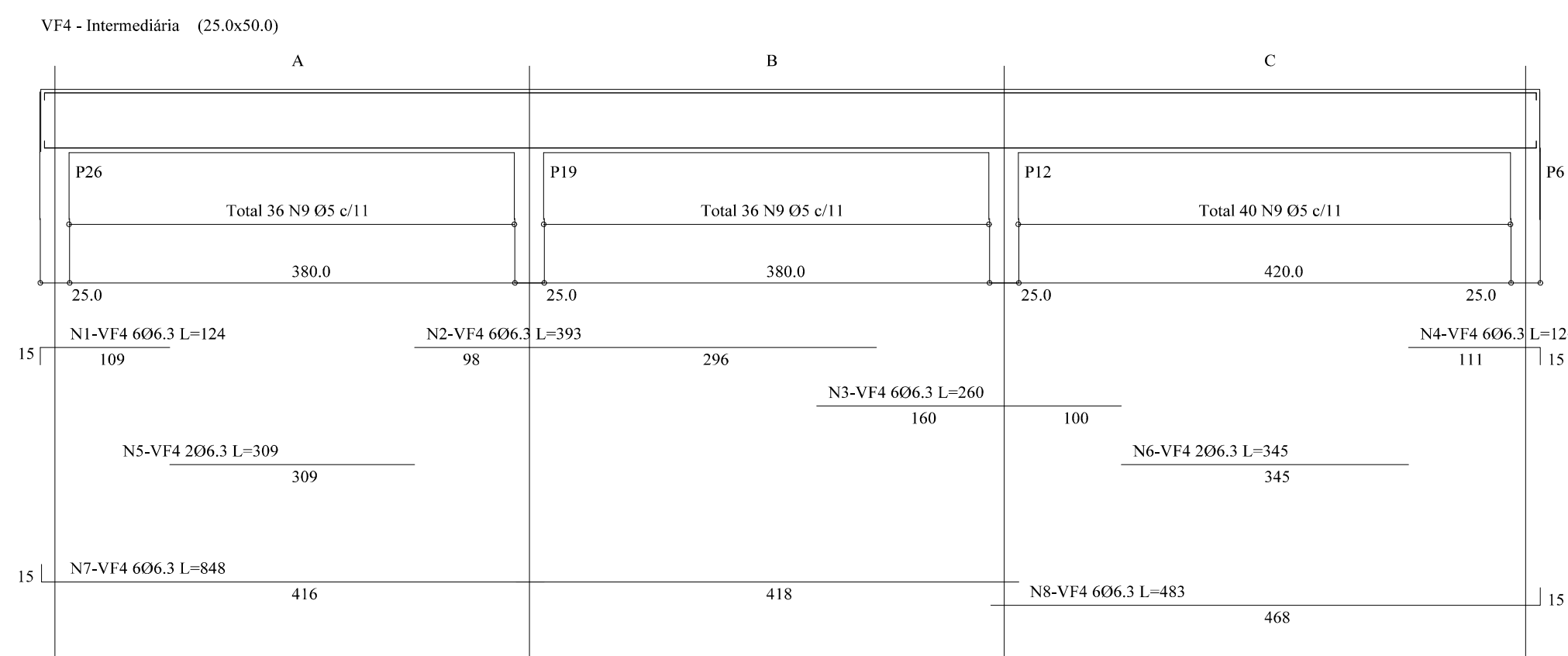
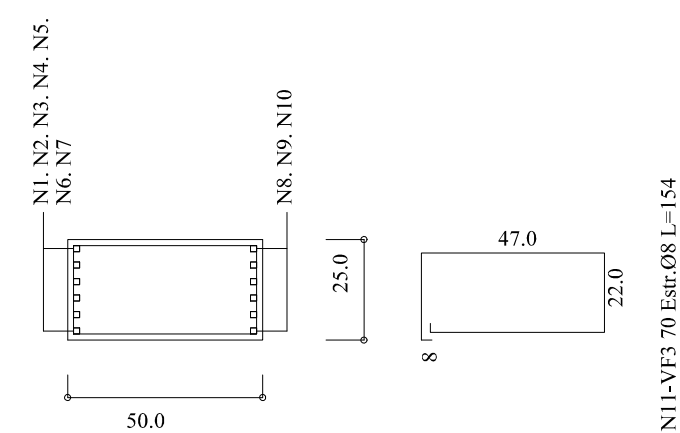
VF3 - Viga da base do muro
(25.0x50.0)

Dimensões e Armaduras:

- Trecho A (25.0m):**
 - Armadura de tração: 13 N11 c/23
 - Armadura de compressão: 9 N11 c/12
 - Distância entre barras de tração: 283.5
 - Distância entre barras de compressão: 95.5
 - Comprimento total do trecho: 379.0
- Trecho B (25.0m):**
 - Armadura de tração: 5 N11 c/18, 10 N11 c/23
 - Armadura de compressão: 6 N11 c/15
 - Distância entre barras de tração: 71.5, 233.0
 - Distância entre barras de compressão: 74.5
 - Comprimento total do trecho: 379.0
- Trecho C (25.0m):**
 - Armadura de tração: 13 N11 c/10, 11 N11 c/23, 3 N11 c/20
 - Armadura de compressão: 3 N11 c/20
 - Distância entre barras de tração: 119.5, 260.0, 39.5
 - Distância entre barras de compressão: 39.5
 - Comprimento total do trecho: 419.0

Resumo das Armaduras e Comprimentos:

Armadura	Comprimento (m)
N1-VF3 606.3 L=169	150
N2-VF3 2016 + 3012.5 L=290	139
N3-VF3 5016 L=310	160
N4-VF3 606.3 L=179	161
N5-VF3 206.3 L=225	226
N6-VF3 206.3 L=195	194
N7-VF3 206.3 L=245	244
N8-VF3 4016 L=446	427
N9-VF3 2010 + 408 L=430	429
N10-VF3 5016 L=486	467



QUANTIDADE DE ACO			
Ø	m	kg	
CA-50 A			
6.3	318.0	77.8	
8.0	170.6	67.3	
10	27.0	15.1	
12,5	16.0	15.5	
16	85.8	135.4	
CA-60 B			
5.0	283.2	43.6	
6.0	33.6	7.5	

OBSERVACOES

- 1) CONCRETO $f_{ck} \geq 25$ MPa
2) AÇO CA-50 A e CA-60 B
3) VOLUME DE CONCRETO 4.8 m³
4) ÁREA DE FORMAS 48.6 m²



João Jaime Detoni
Eng.º Civil
CREA 27291
Barra do Rio Azul-RS

Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

Prancha:

CA04

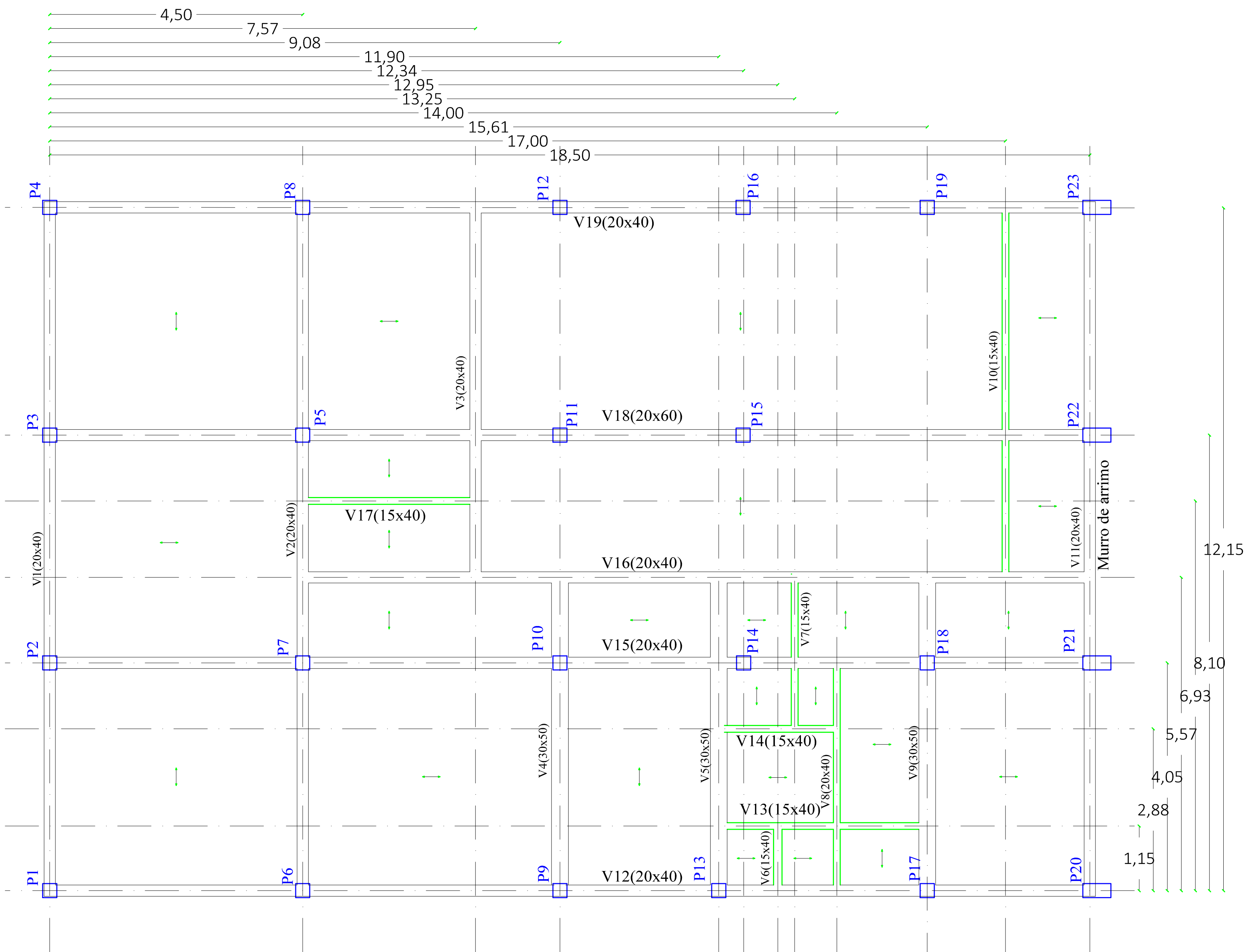
DETALHES DO MURO DSE ARRIMO

A

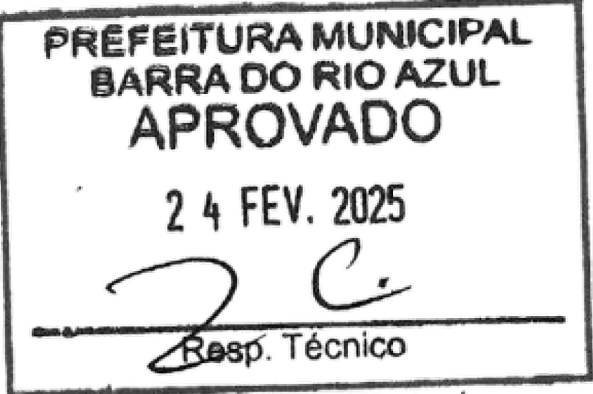
ANDERSON BAGATINI
Prefeito Municipal

João Jaime Detoni
Eng.º. Civil
CREA 27291
Barra do Rio Azul-RS

Eng. civil - João Jaime Detoni
CREA RS 012.028



Planta de Formas do piso - esc.: 1:50



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

Planta de Formas do Piso Terreo

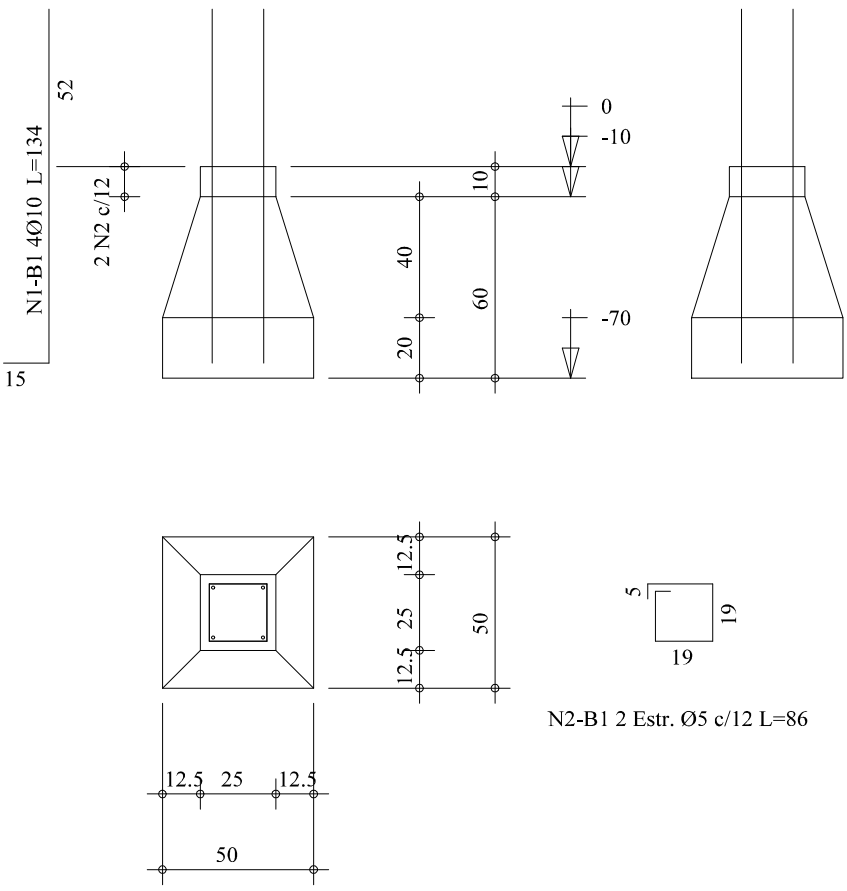
Prancha:

CA05

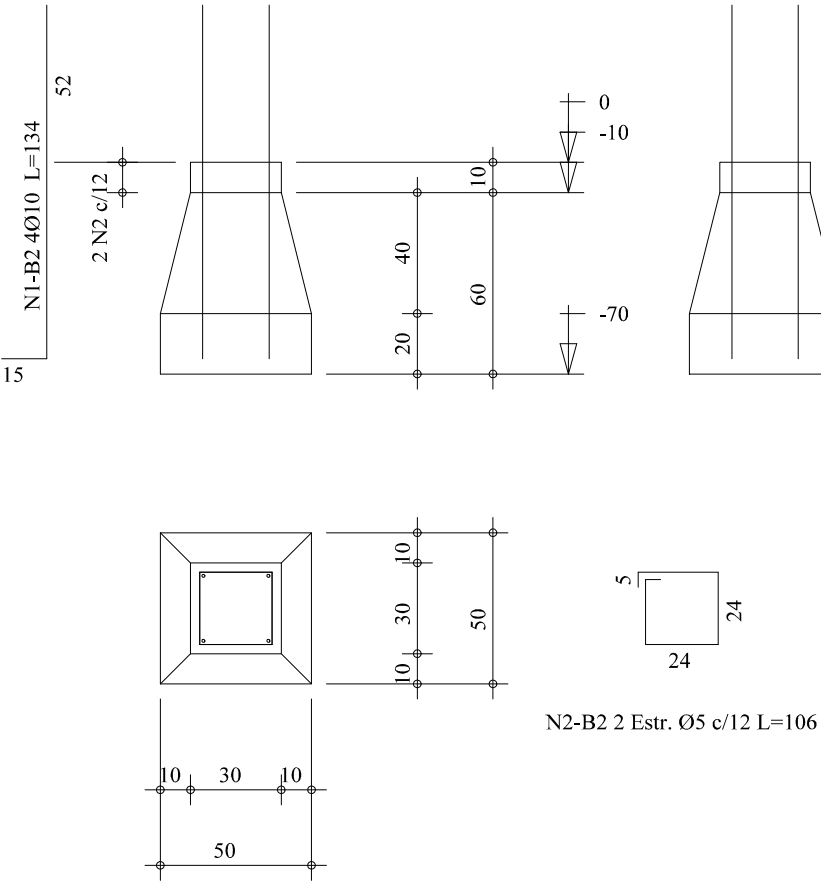
ANDERSON BAGATINI
Prefeito Municipal

Eng. civil - João Jaime Detoni
CREA RS 012.028

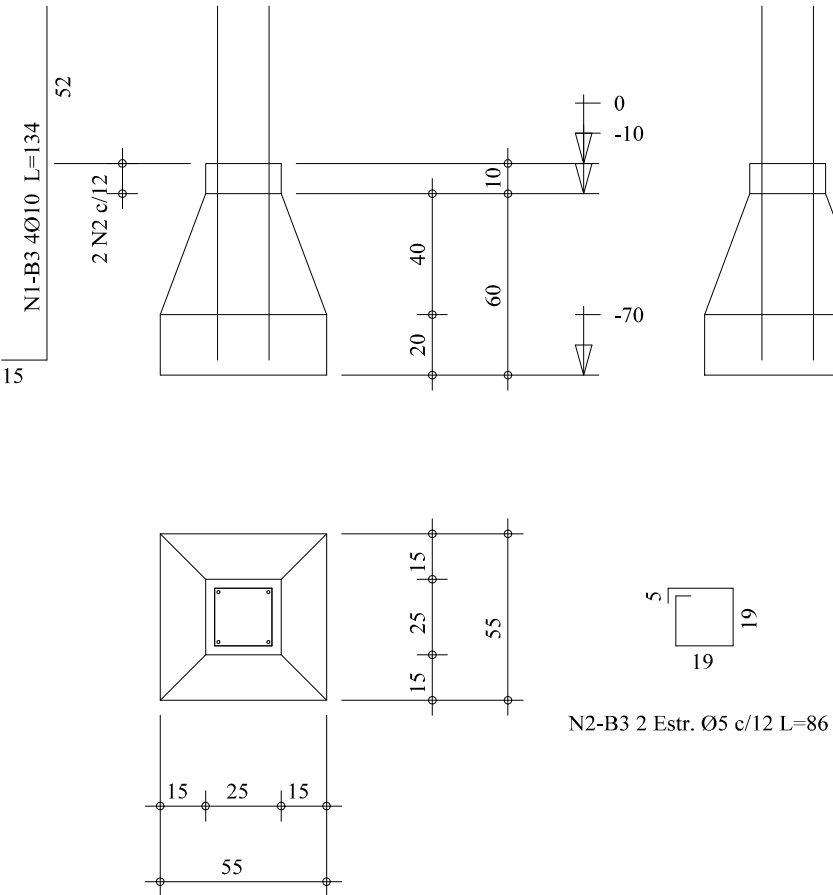
BLOCO B1 (3x)
P1-P4-P12



BLOCO B2 (1x)
P18



BLOCO B3 (5x)
P9-P13-P16-P17-P19



BLOCO B4 (1x)
P11

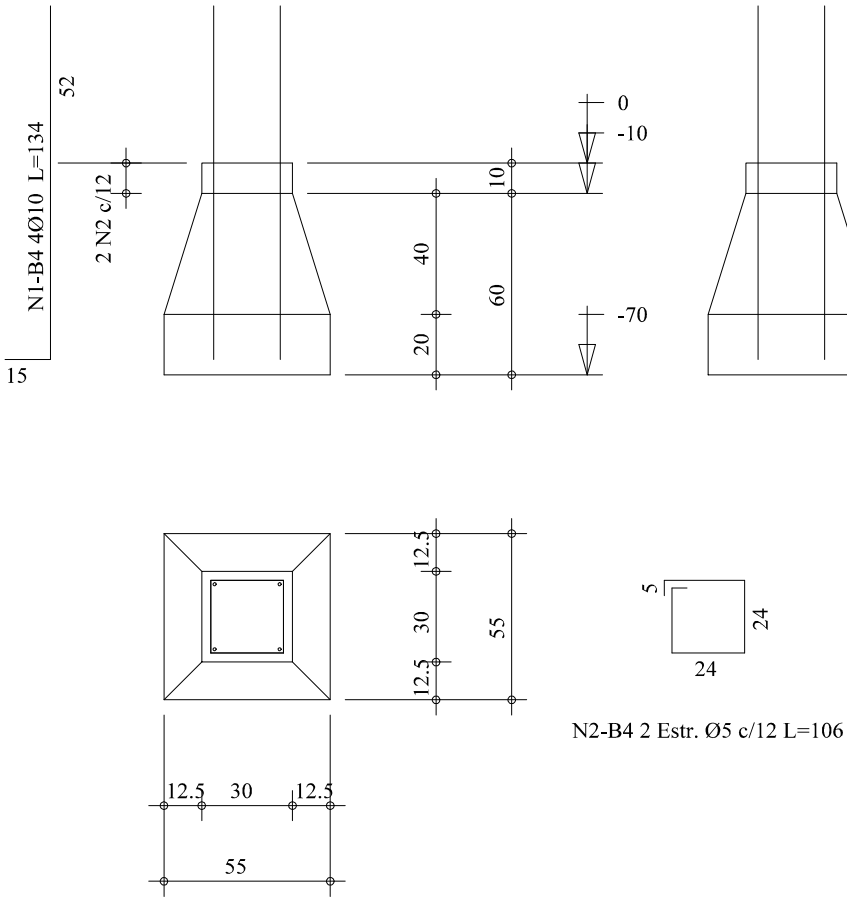
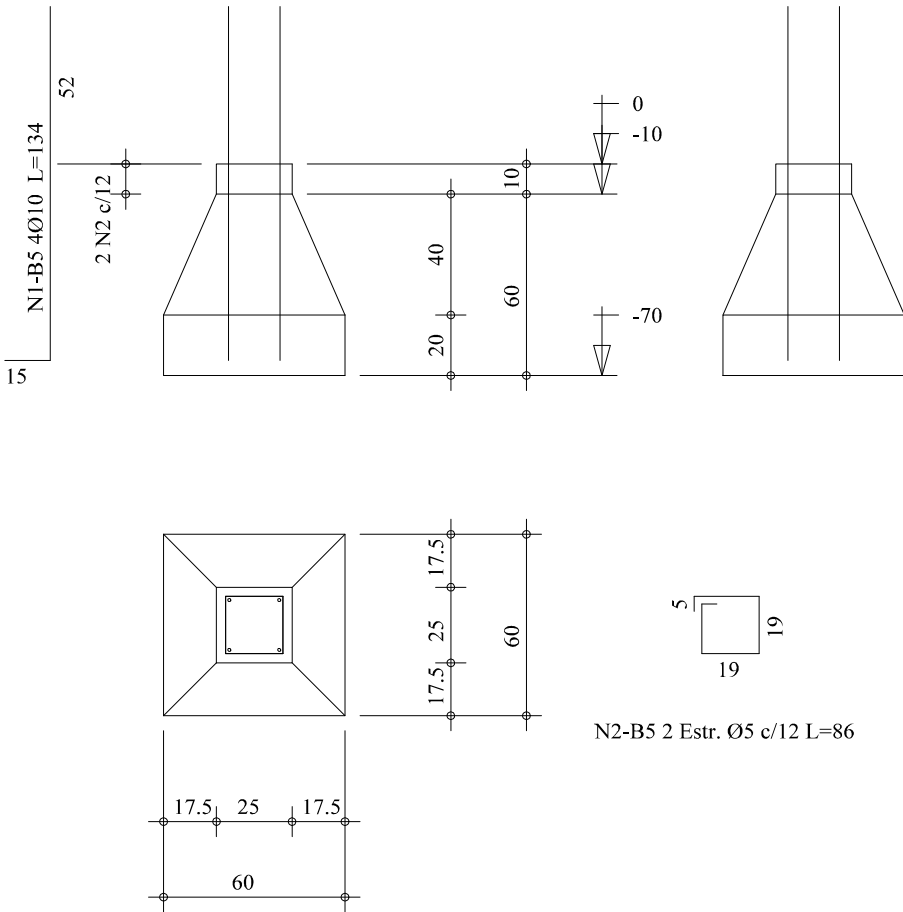
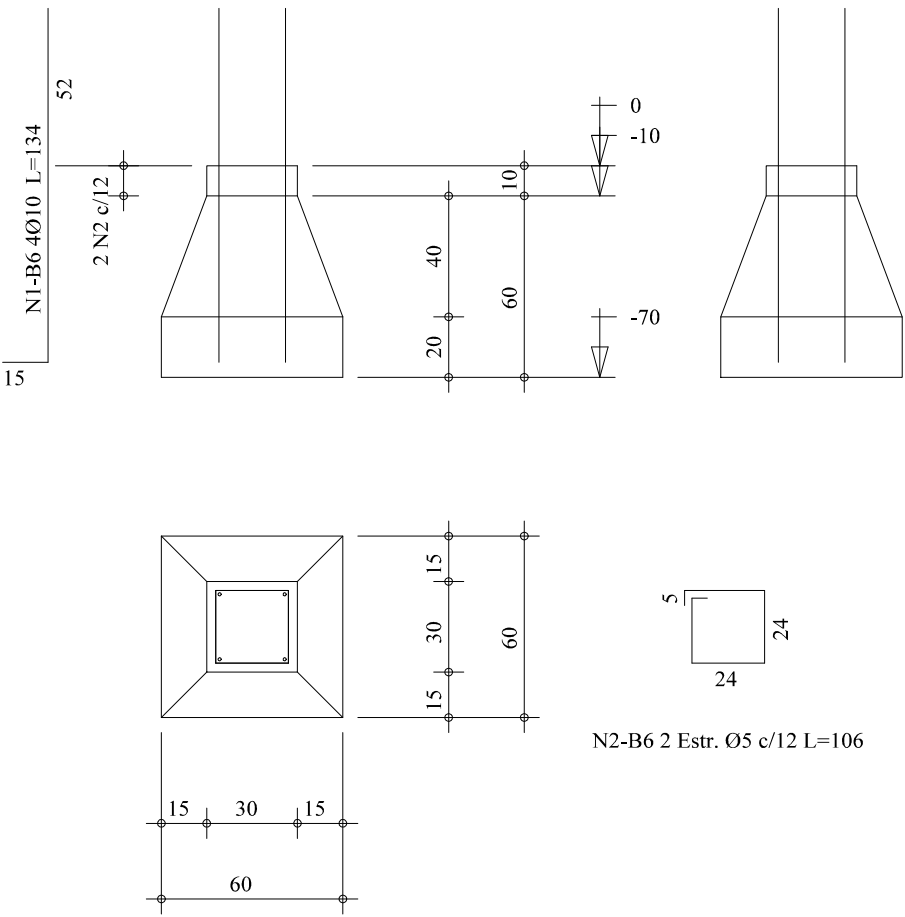


TABELA DE CORTE				
Posicao	Ø mm	Quantidade	COMPRIMENTOS	
			UNIT. cm	TOTAL cm
N1-B7	10	16	134	2144
N2-B7	5	8	106	848
N1-B6	10	8	134	1072
N2-B6	5	4	106	424
N1-B5	10	12	134	1608
N2-B5	5	6	86	516
N1-B4	10	4	134	536
N2-B4	5	2	106	212
N1-B3	10	20	134	2680
N2-B3	5	10	86	860
N1-B2	10	4	134	536
N2-B2	5	2	106	212
N1-B1	10	12	134	1608
N2-B1	5	6	86	516

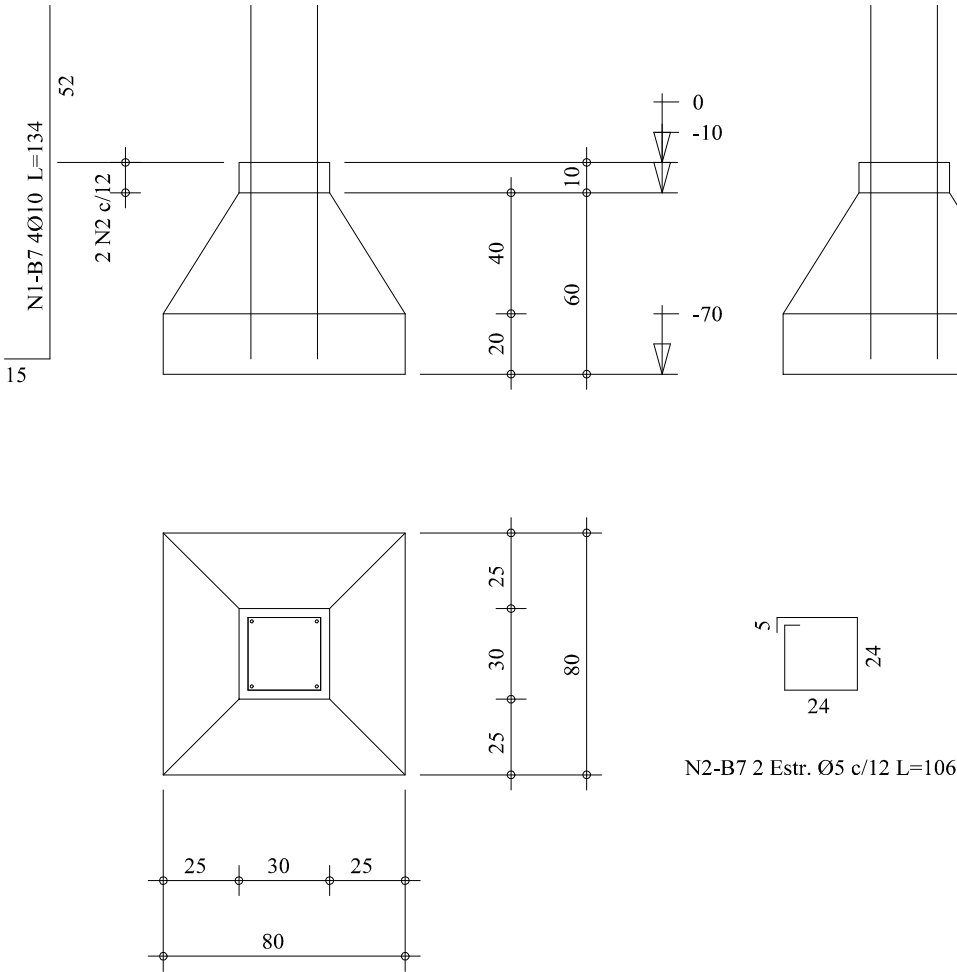
BLOCO B5 (3x)
P2-P6-P8



BLOCO B6 (2x)
P3-P5



BLOCO B7 (4x)
P7-P10-P14-P15



QUANTIDADE DE AÇO			
Ø	m	kg	
CA-50 A			
10	101.8	57.0	
CA-60 B			
5.0	35.9	5.5	

- OBSERVACOES
- 1) CONCRETO fck>= 15 MPa
 - 2) AÇO CA- 50 A e CA-60 B
 - 3) VOLUME DE CONCRETO 3.0 m³
 - 4) AREA DE FORMAS 25.7 m²



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS
Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

DETSALHE DOS BLOCOS DE FUNDAÇÃO

Prancha:

CA07

ANDERSON BAGATINI
Prefeito Municipal

João Jaime Detoni
Eng. Civil
CREA 27291
Barra do Rio Azul-RS

Eng. civil - João Jaime Detoni
CREA RS 012.028

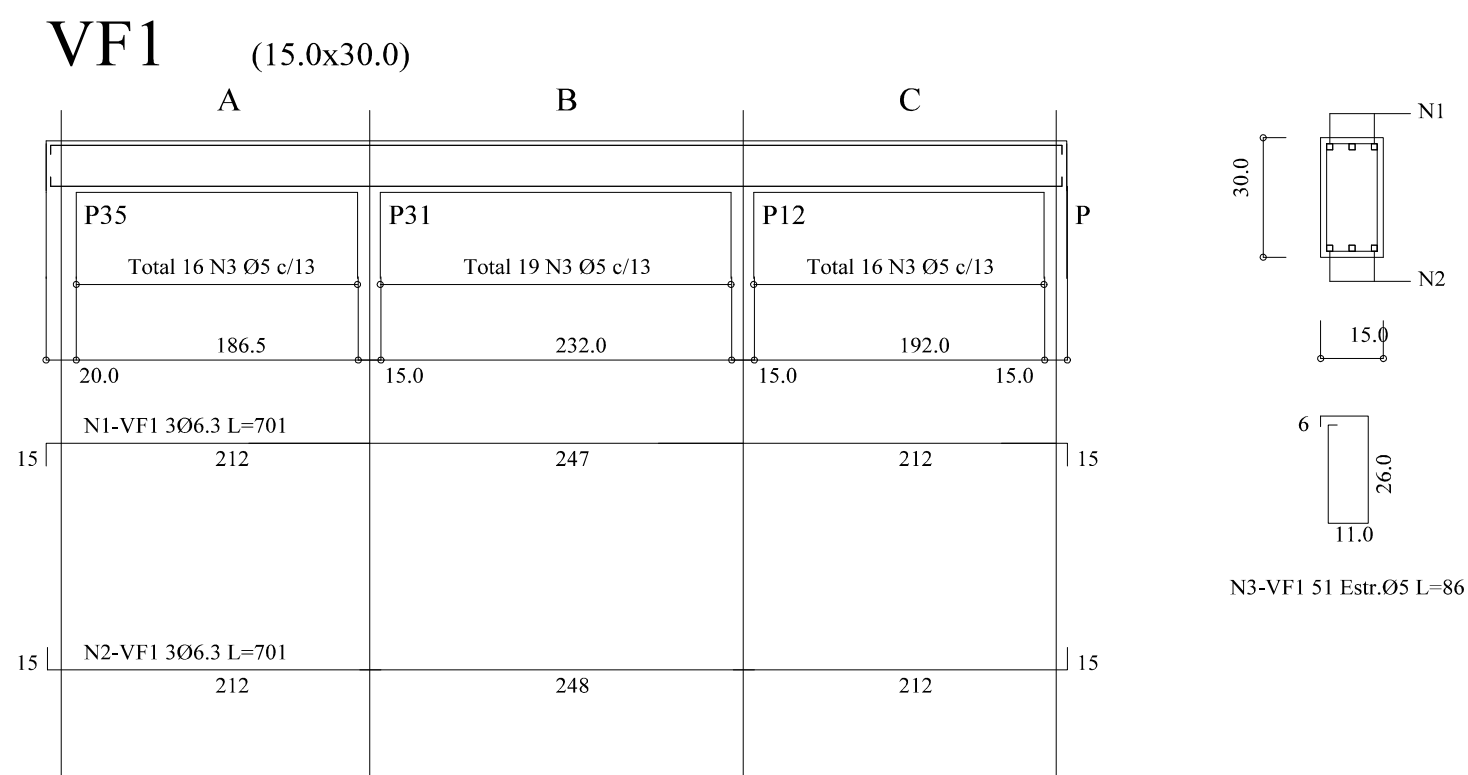
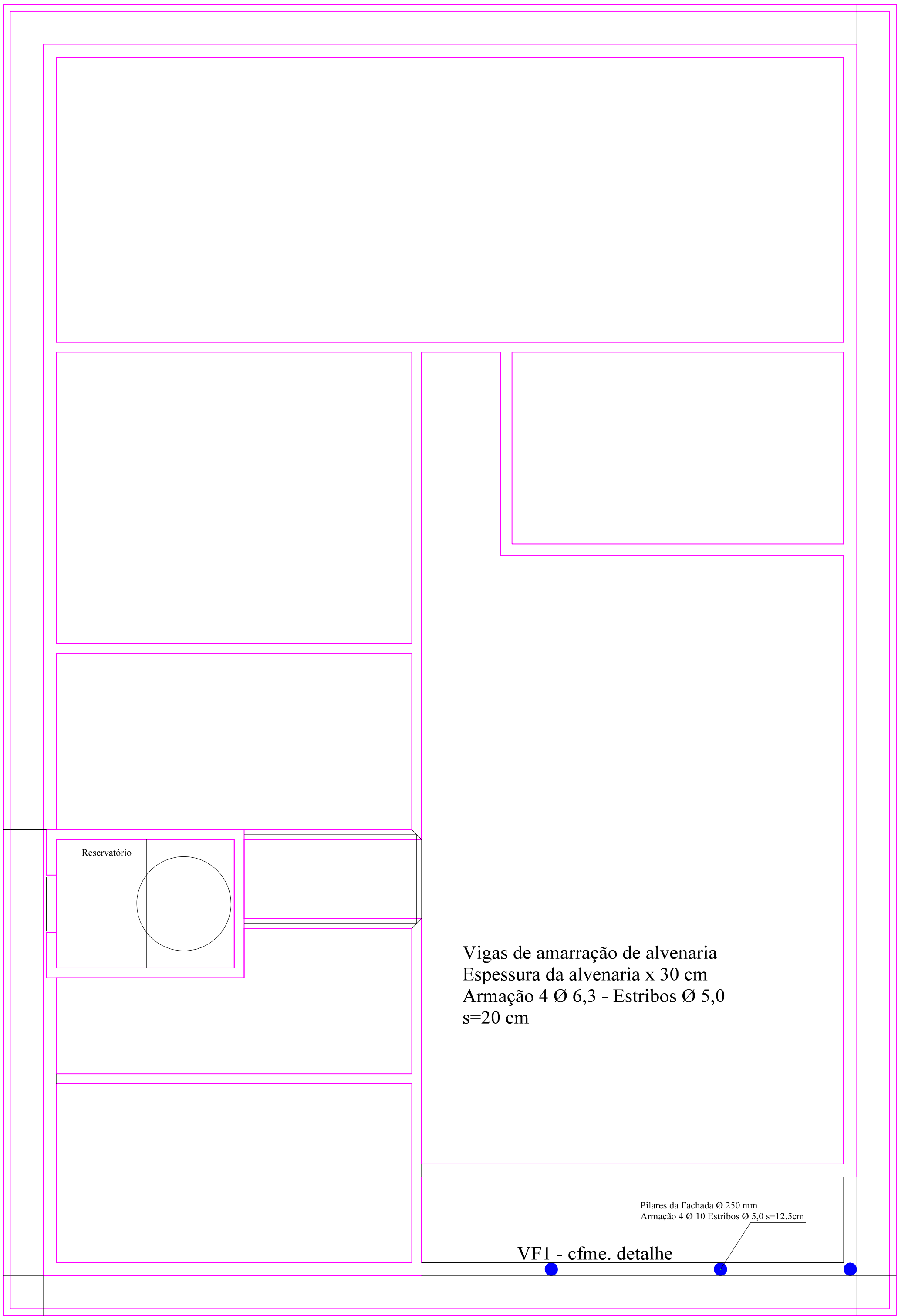
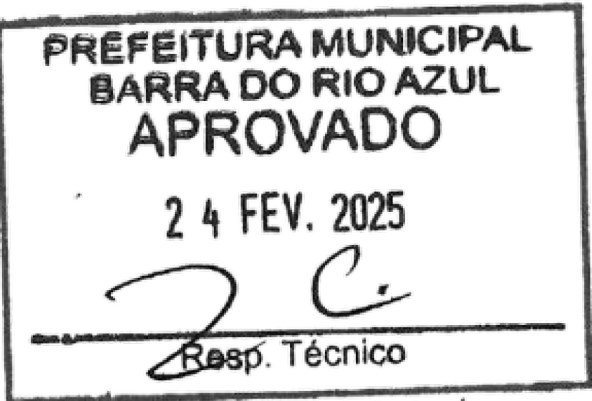
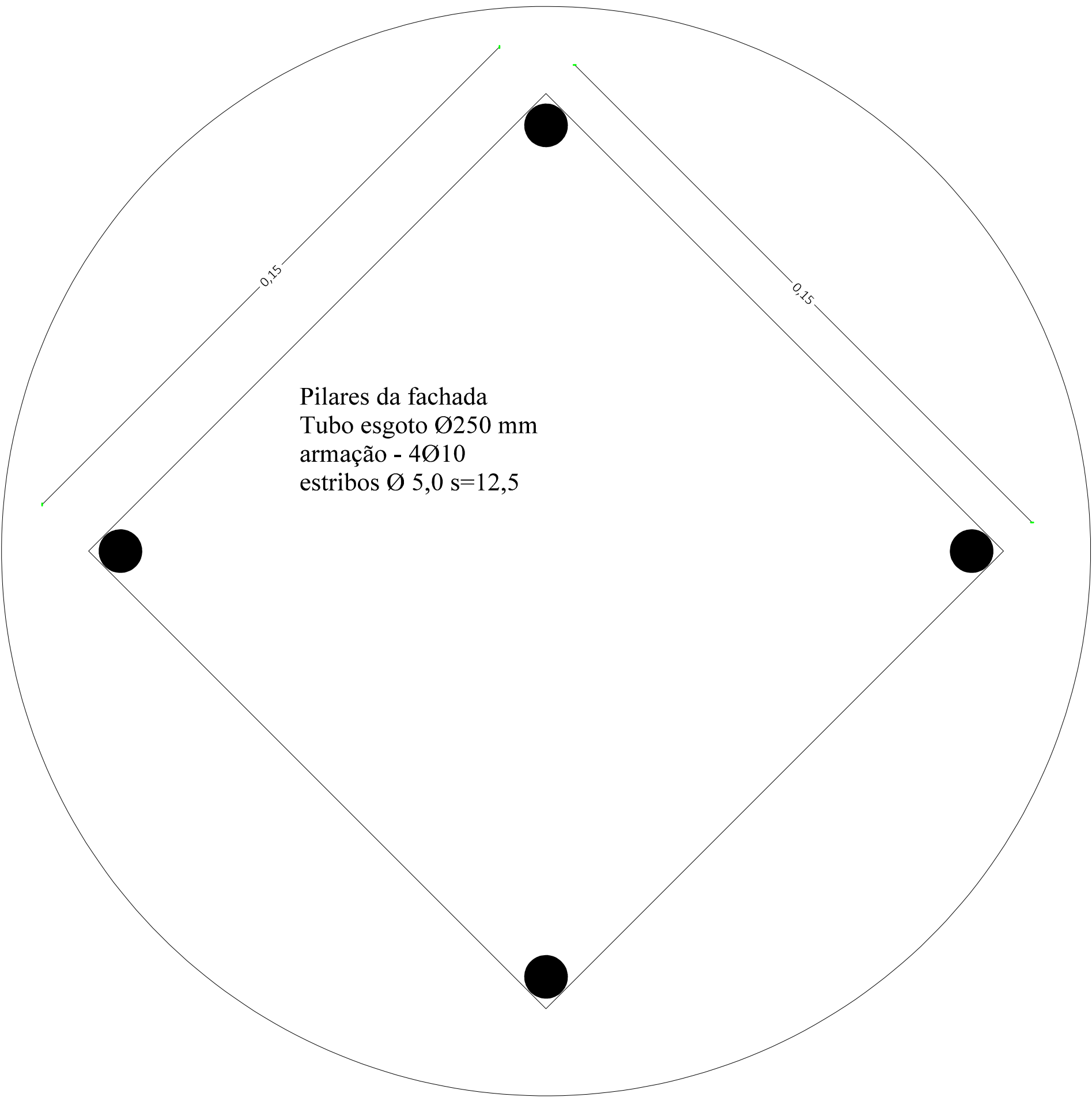


TABELA DE CORTE				
Posicao	Ø mm	Quantidade	COMPRIMENTOS	
			UNIT. cm	TOTAL cm
N1-VF1	6,3	3	701	2103
N2-VF1	6,3	3	701	2103
N3-VF1	5	51	86	4386

QUANTIDADE DE AÇO			
Ø	m	kg	A
CA- 50 A			
6,3	450	112	
10	36	23	
CA-60 B			
5,0	591	95	

- OBSERVACOES
- 1) CONCRETO fck>= 25 MPa
 - 2) AÇO CA- 50 A e CA-60 B
 - 3) VOLUME DE CONCRETO 6,3 m³
 - 4) AREA DE FORMAS 70 m²



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

Formas do Forro - Viga em vão livre

Prancha:

CA08

ANDERSON BAGATINI
Prefeito Municipal

João Jaime Detoni
Eng. Civil
CREA 27291
Barra do Rio Azul-RS
Eng. civil - João Jaime Detoni
CREA RS 012.028

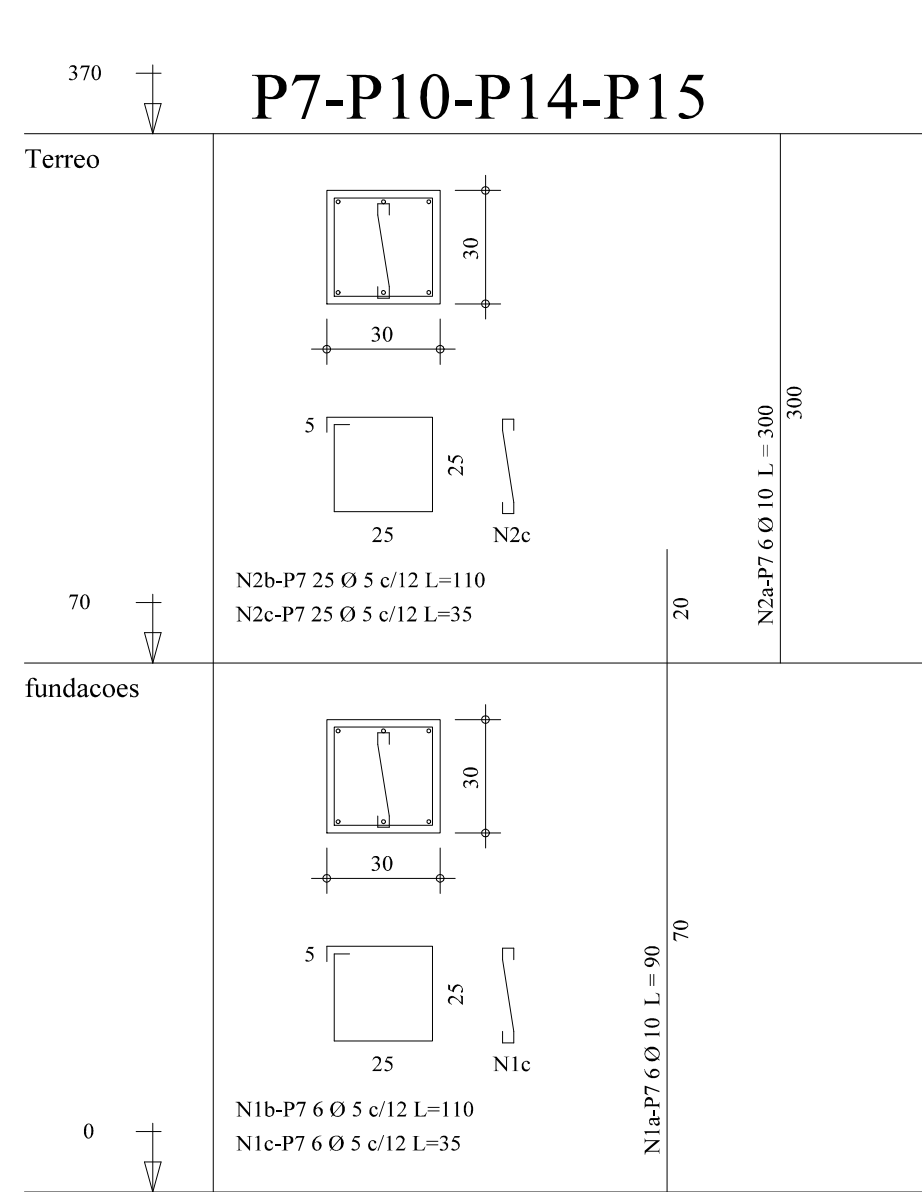
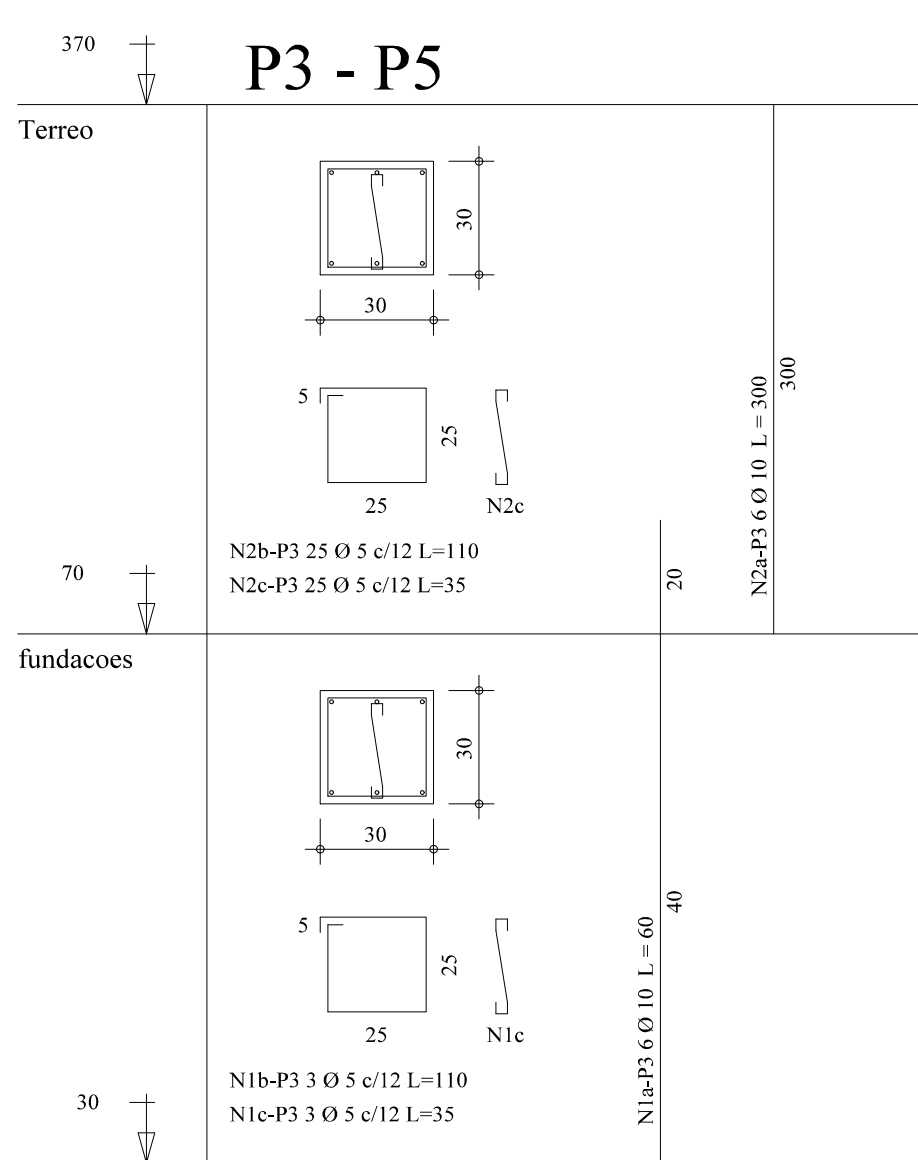
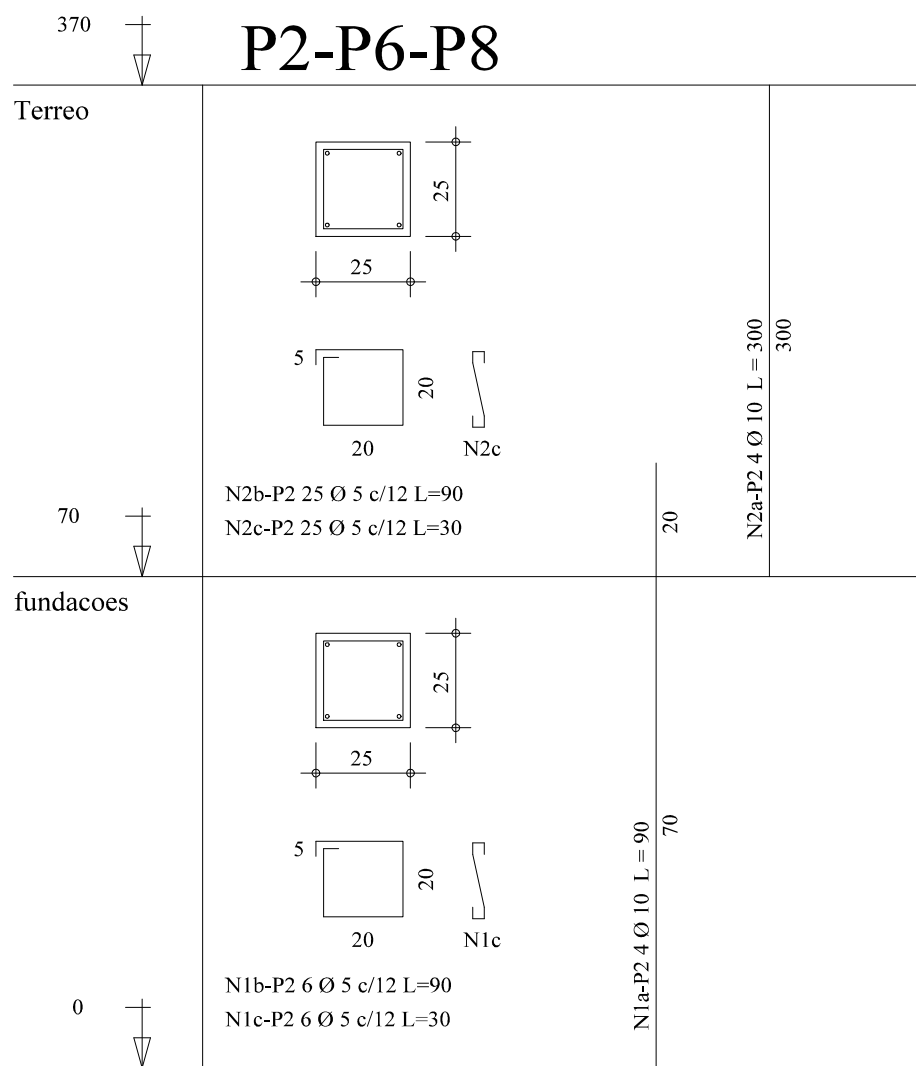
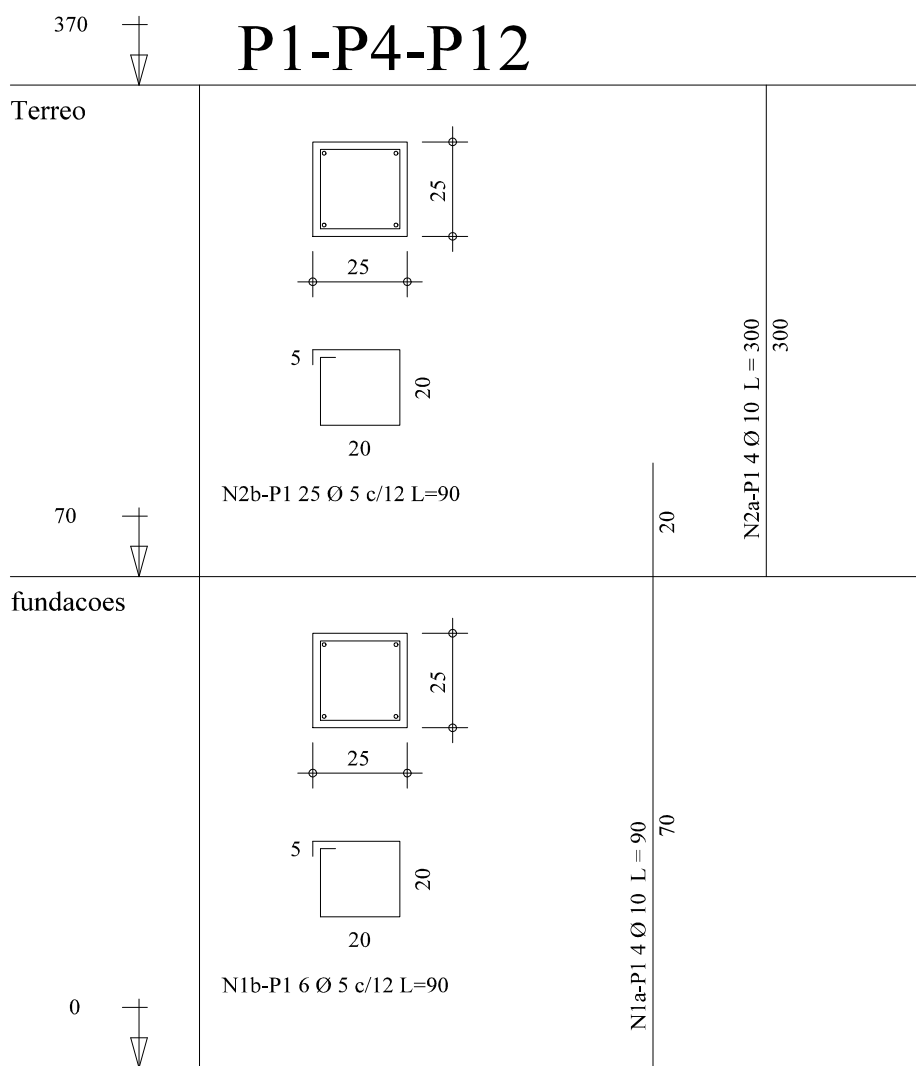
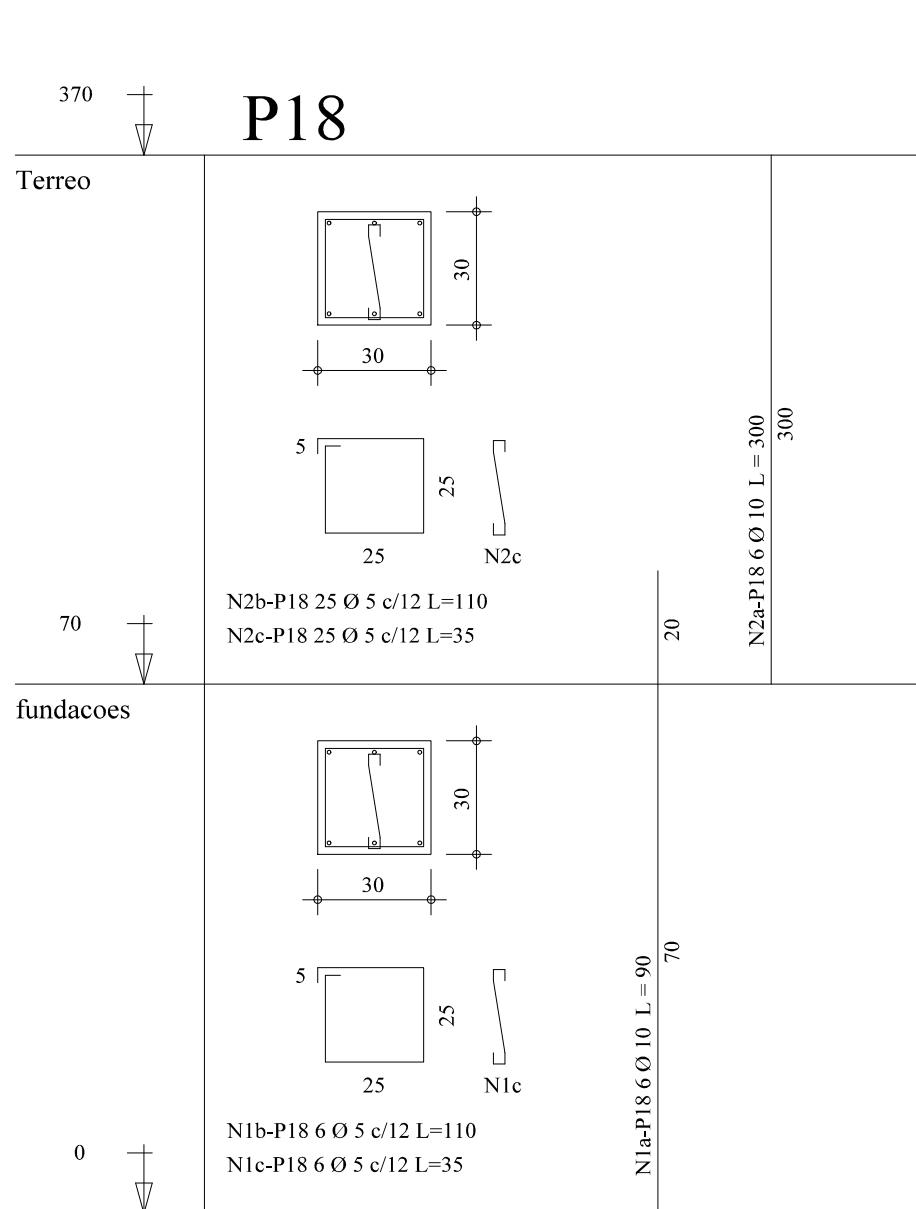
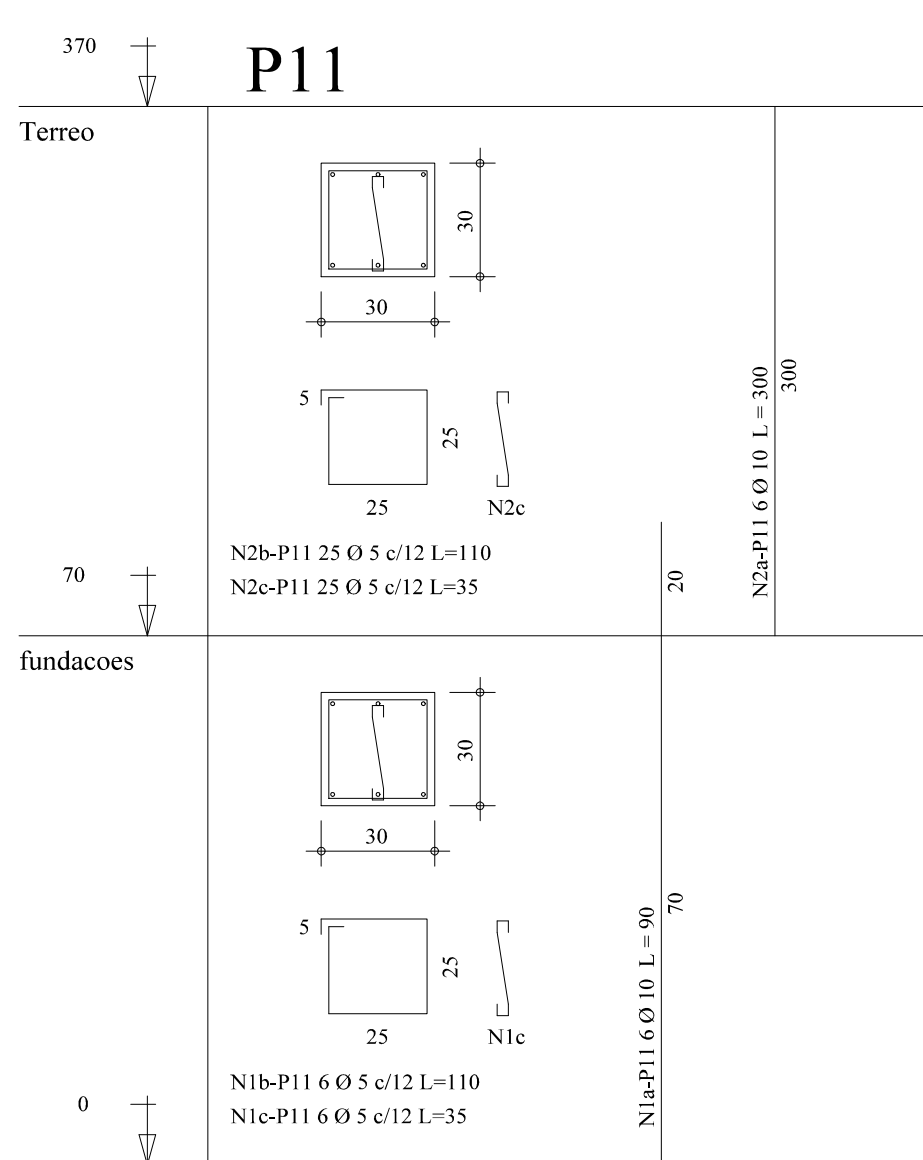
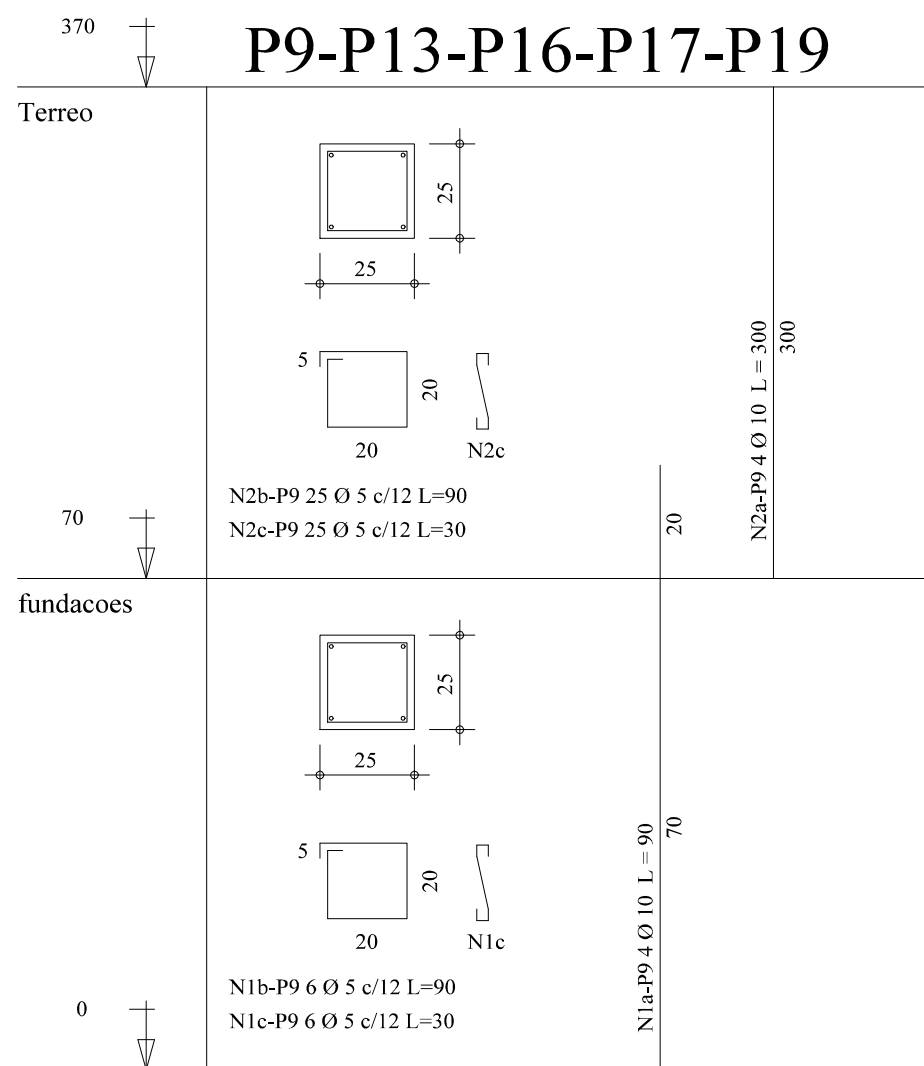
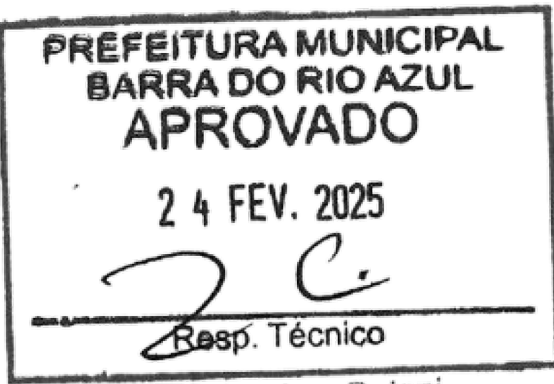


TABELA DE CORTE				
Posicao	Ø mm	Quantidade	COMPRIMENTOS	
			UNIT. cm	TOTAL cm
N1a-P18	10	6	90	540
N1b-P18	5	6	110	660
N1c-P18	5	6	35	210
N2a-P18	10	6	300	1800
N2b-P18	5	25	110	2750
N2c-P18	5	25	35	875
N1a-P11	10	6	90	540
N1b-P11	5	6	110	660
N1c-P11	5	6	35	210
N2a-P11	10	6	300	1800
N2b-P11	5	25	110	2750
N2c-P11	5	25	35	875
N1a-P9	10	4	90	360
N1b-P9	5	6	90	540
N1c-P9	5	6	30	180
N2a-P9	10	4	300	1200
N2b-P9	5	25	90	2250
N2c-P9	5	25	30	750
N1a-P7	10	6	90	540
N1b-P7	5	6	110	660
N1c-P7	5	6	35	210
N2a-P7	10	6	300	1800
N2b-P7	5	25	110	2750
N2c-P7	5	25	35	875
N1a-P3	10	6	60	360
N1b-P3	5	3	110	330
N1c-P3	5	3	35	105
N2a-P3	10	6	300	1800
N2b-P3	5	25	110	2750
N2c-P3	5	25	35	875
N1a-P2	10	4	90	360
N1b-P2	5	6	90	540
N1c-P2	5	6	30	180
N2a-P2	10	4	300	1200
N2b-P2	5	25	90	2250
N2c-P2	5	25	30	750
N1a-P1	10	4	90	360
N1b-P1	5	6	90	540
N2a-P1	10	4	300	1200
N2b-P1	5	25	90	2250



QUANTIDADE DE AÇO			
Ø	m	kg	
CA-50 A			
10	138.6	77.6	
CA-60 B			
5.0	259.1	39.9	

- OBSERVACOES
- 1) CONCRETO fck=> 25 MPa
- 2) AÇO CA- 50 A e CA-60 B
- 3) VOLUME DE CONCRETO 2.0 m³
- 4) AREA DE FORMAS 28.5 m²



Projeto: CONCRETO ARMADO - PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

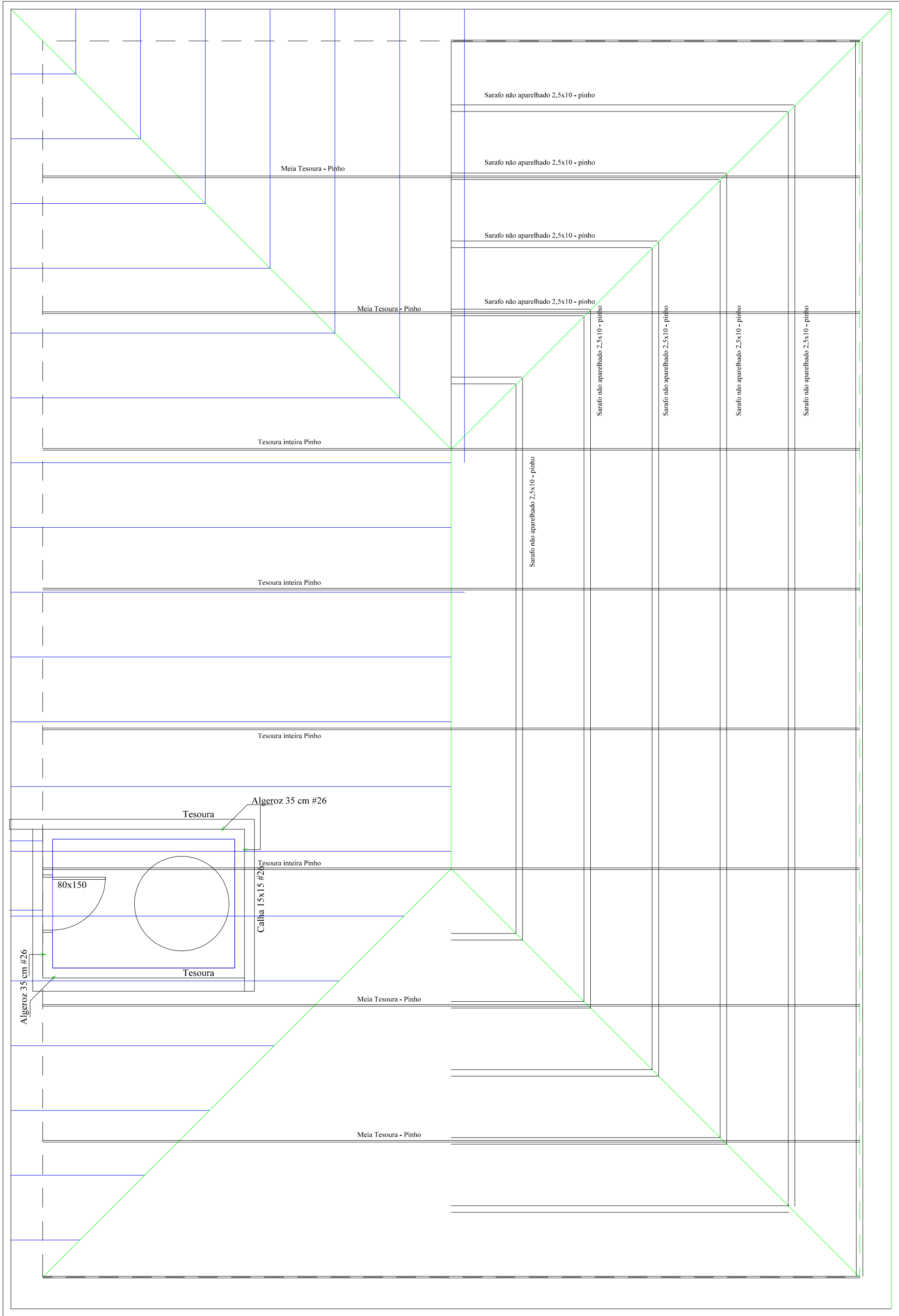
ARMAÇÃO DOS PILARES

Prancha:

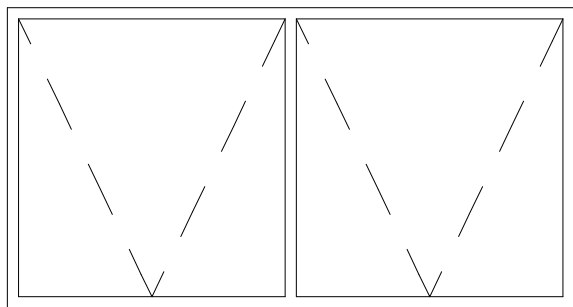
CA09

ANDERSON BAGATINI
Prefeito Municipal

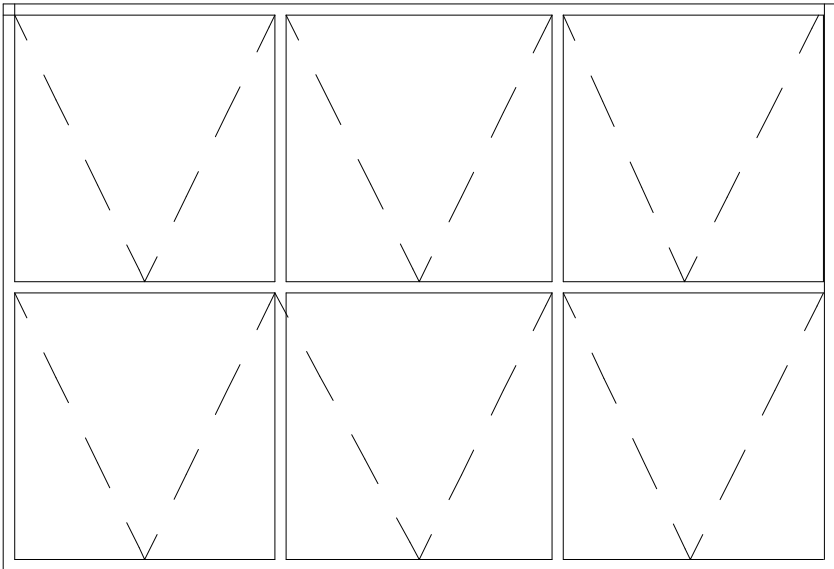
João Jaime Detoni
Eng. Civil
CREA 27291
Barra do Rio Azul-RS
Eng. civil - João Jaime Detoni
CREA RS 012.028



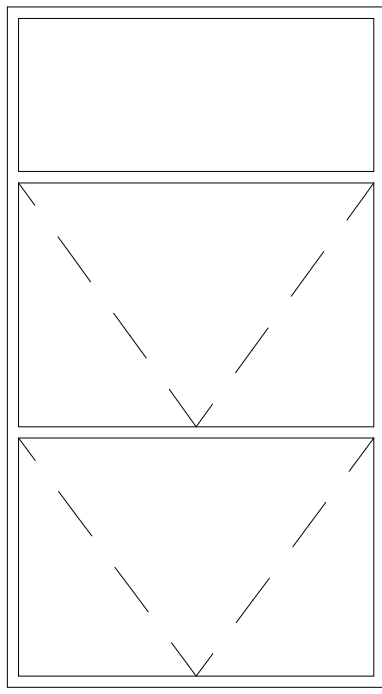
Planta do Telhado - Esc.: 1: 50



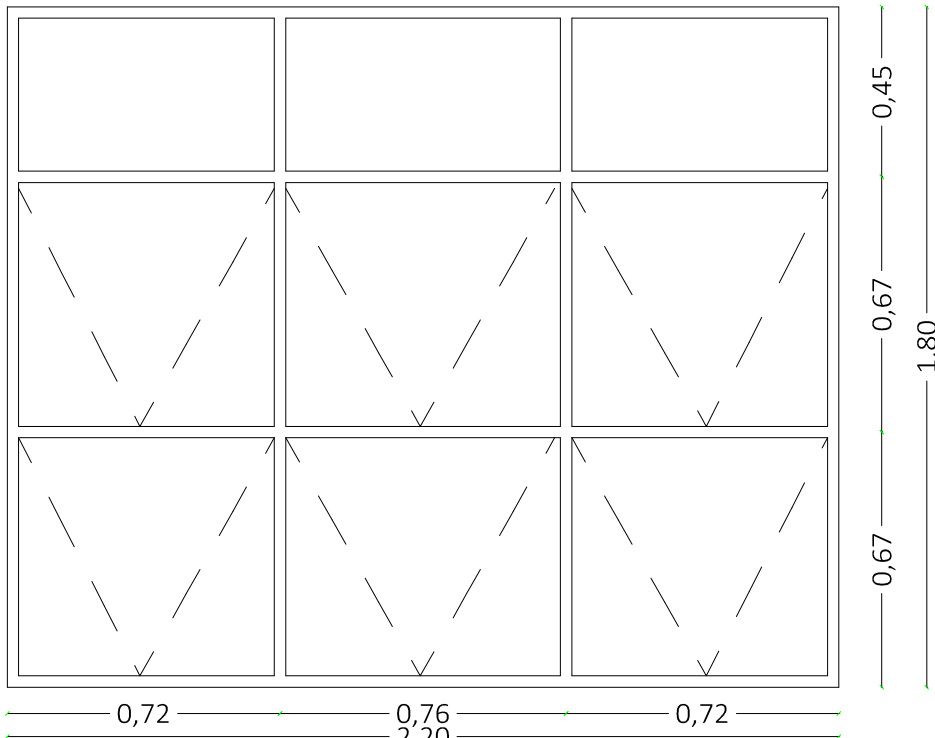
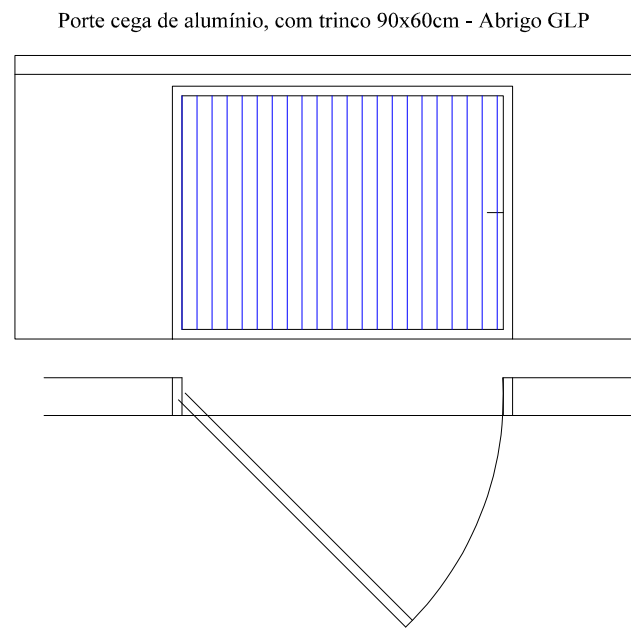
JA3 - 150X80



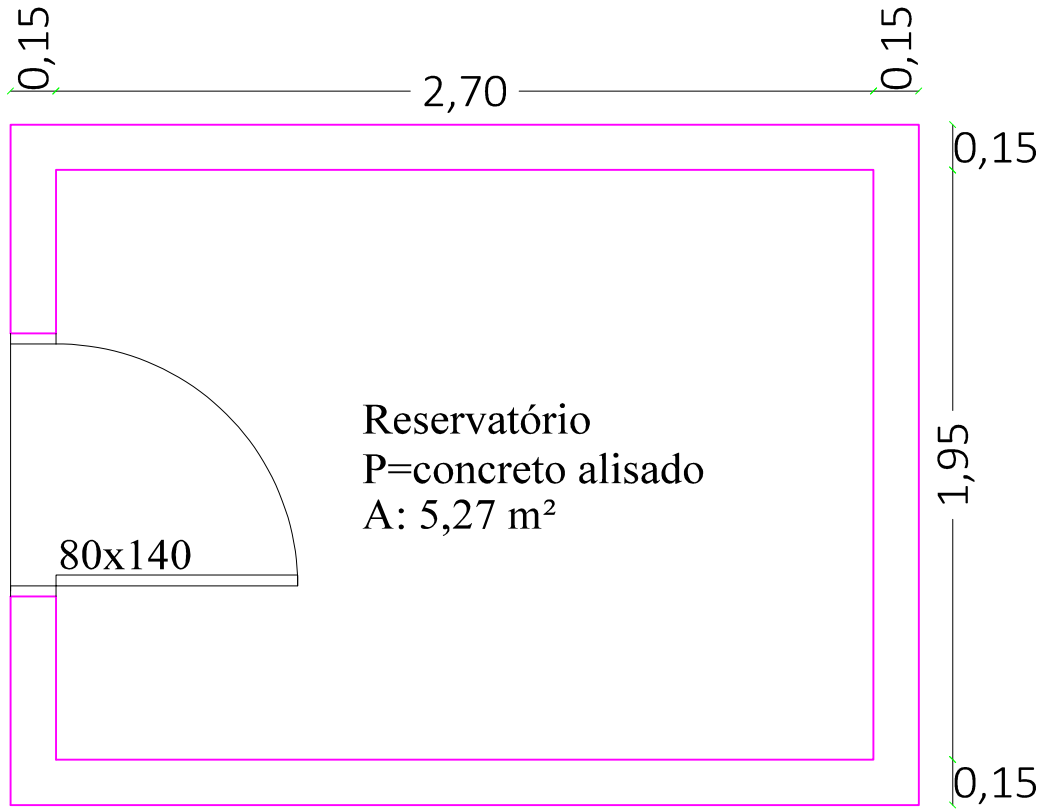
JA4 - 220X150



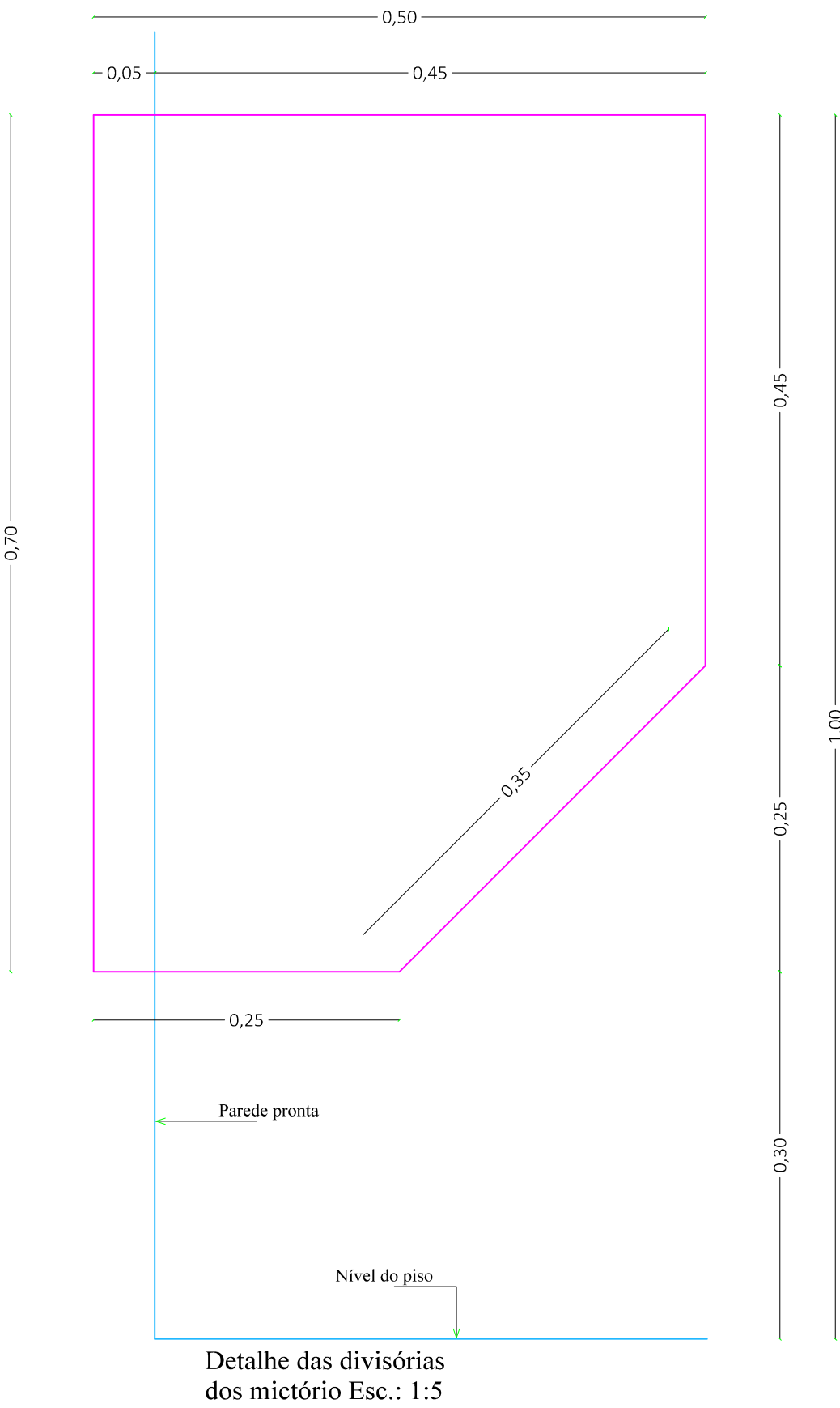
JA2 - 100X180



JA1 - 220X180



Planta Baixa
Reservatório - Esc.: 1:50



Projeto: PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

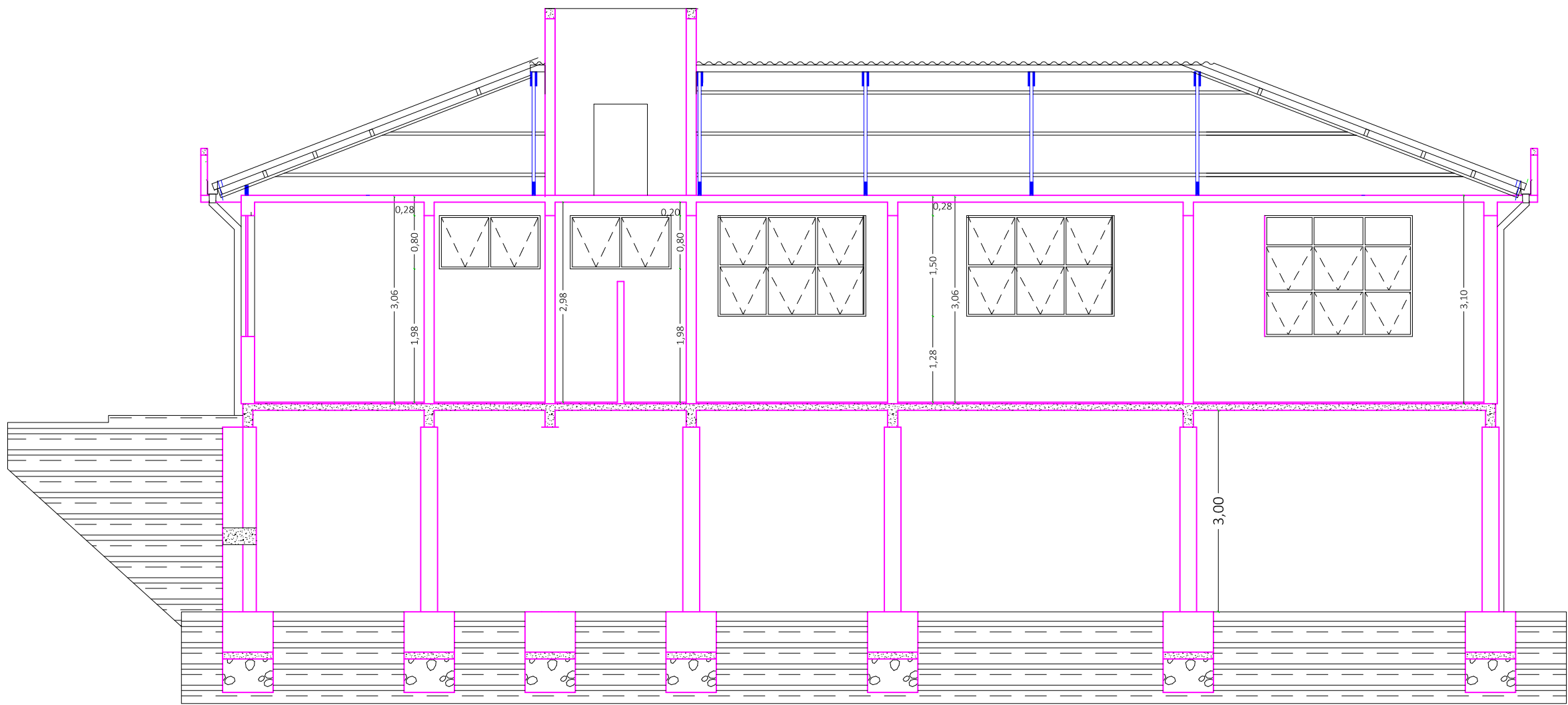
- Plnata baixa do abrigo do reservatório
- Planta da cobertura
- Detalhe das tesourtas do telhado

Prancha:

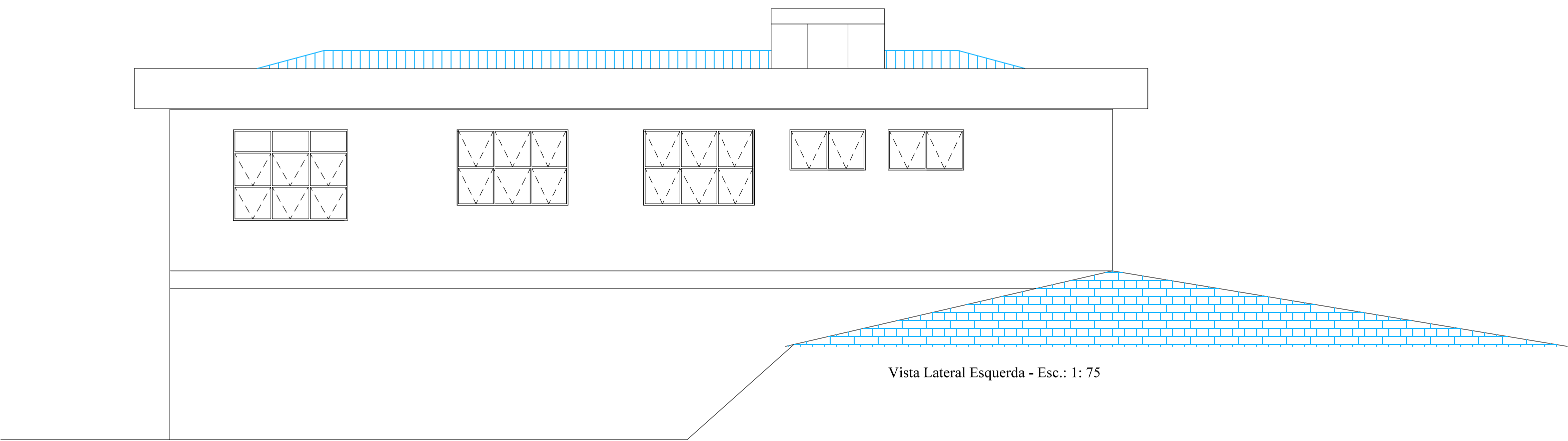
03

Anderson Fernando Bagatini
Prefeito Municipal

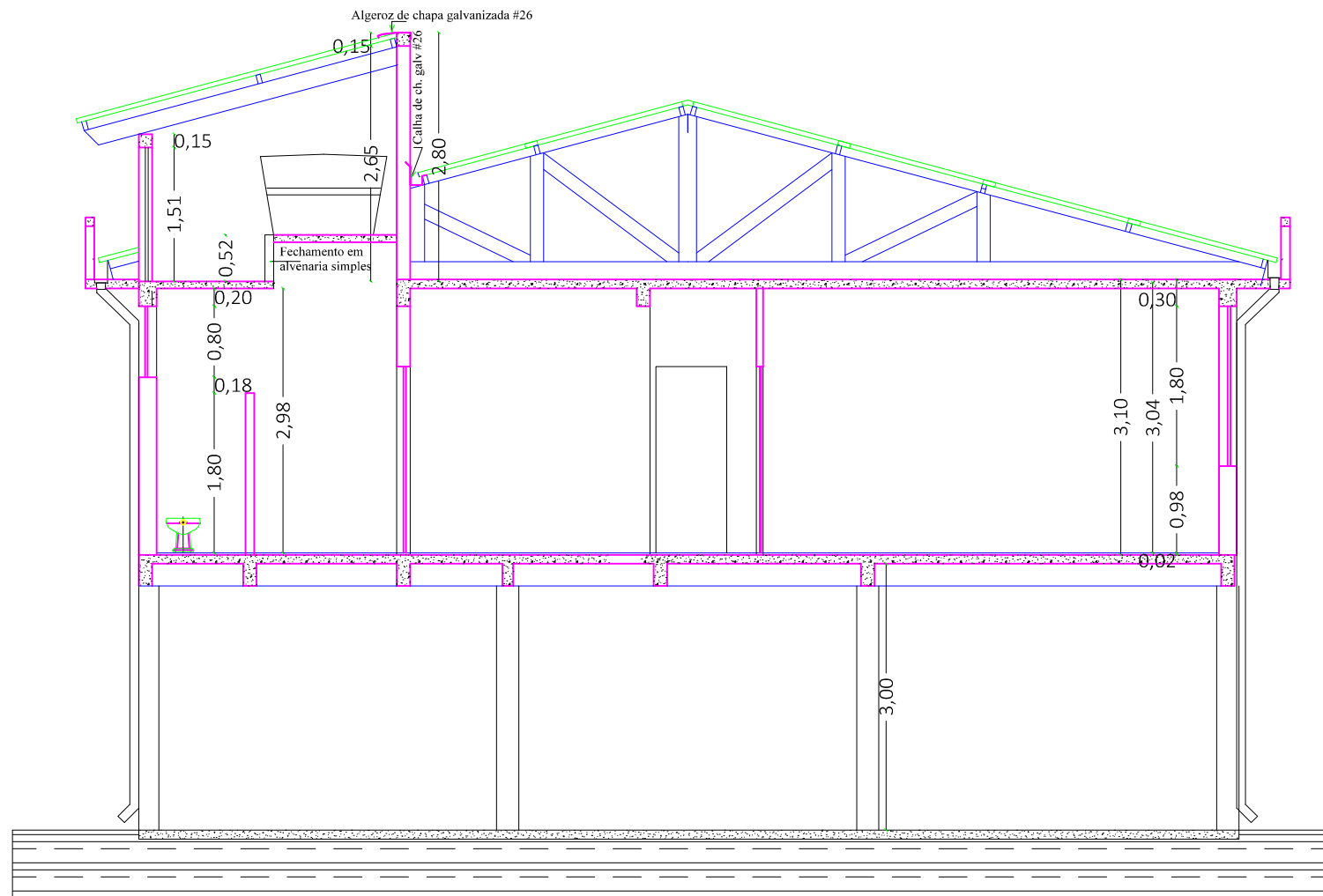
Eng. civil - João Jaime Detoni
CREA RS 012.028



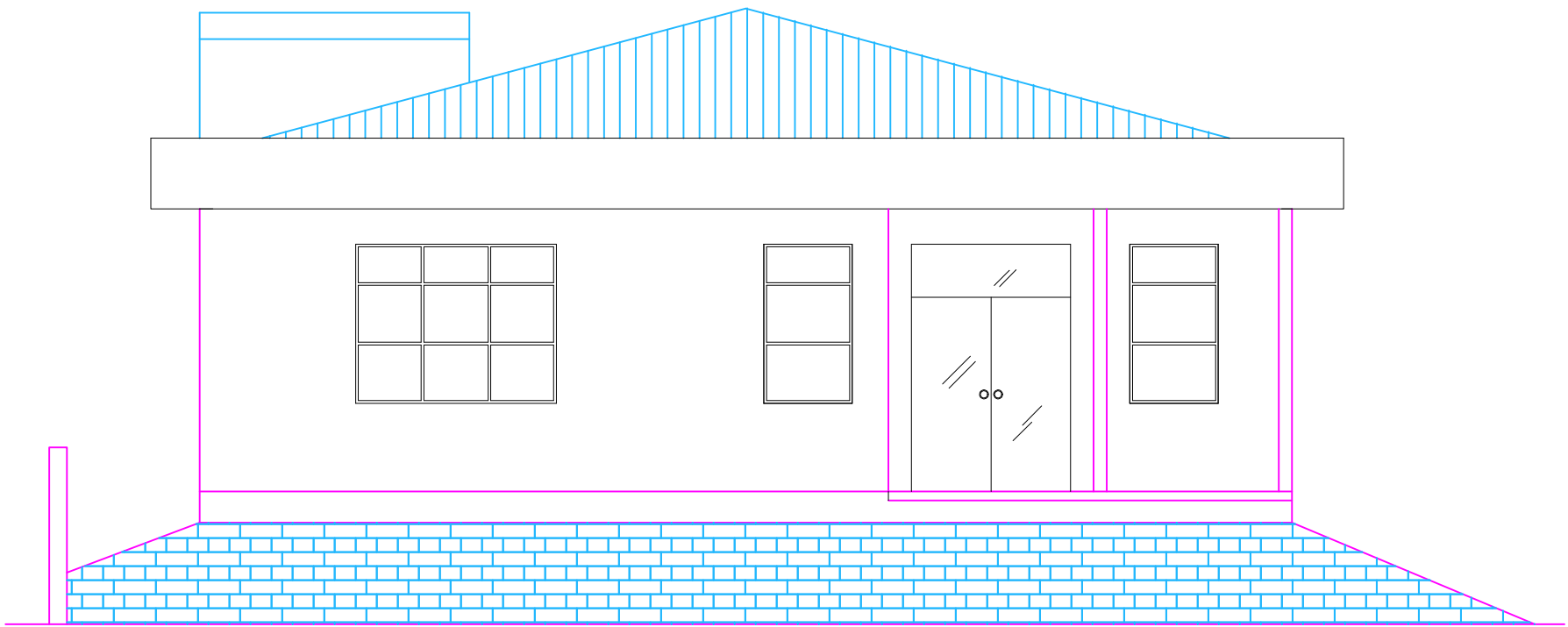
CORTE CC - Esc.: 1: 75



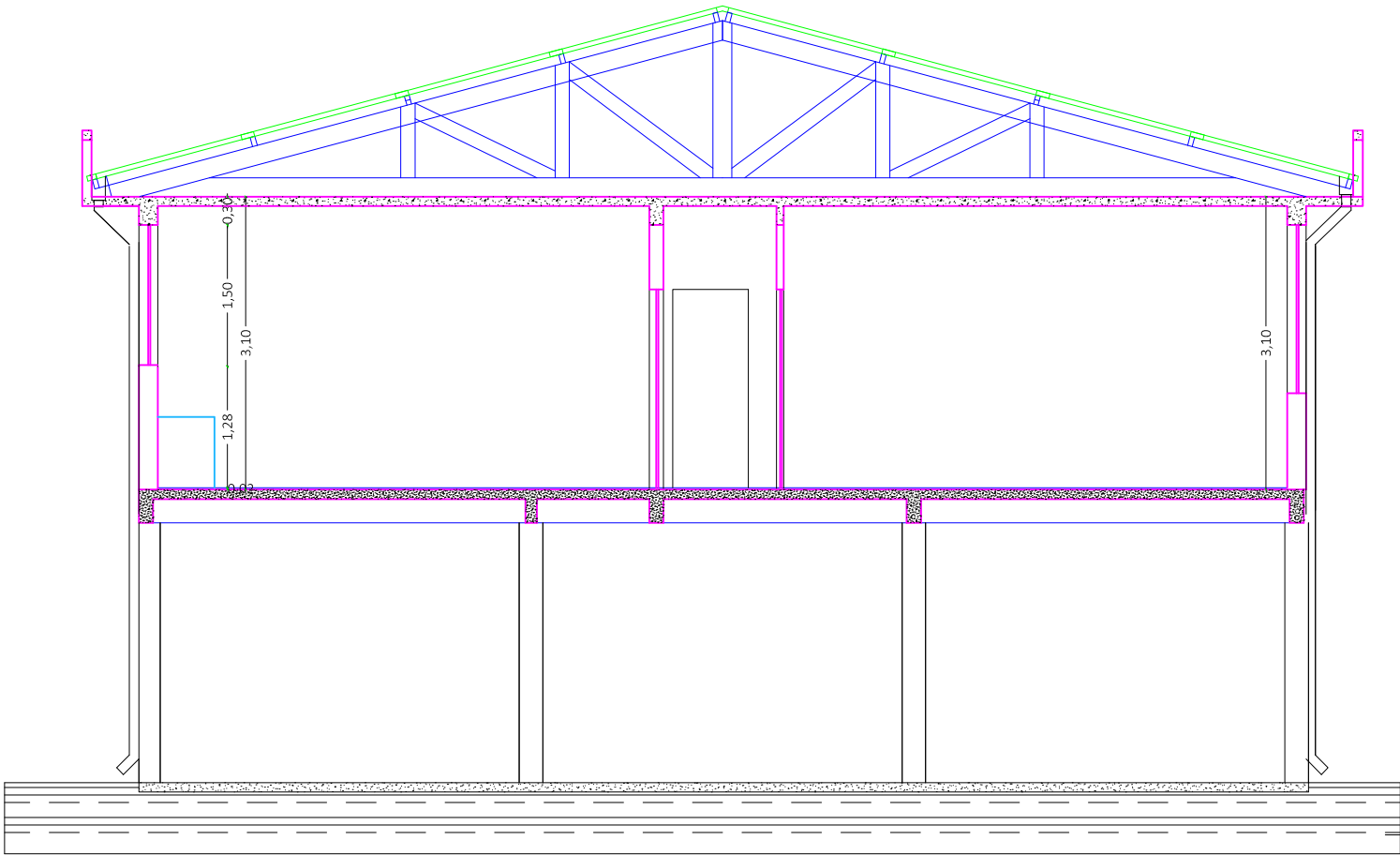
Vista Lateral Esquerda - Esc.: 1: 75



CORTE AA - Esc.: 1: 75



Vista Frontal - Esc.: 1: 75



CORTE BB - Esc.: 1: 75



Projeto: PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

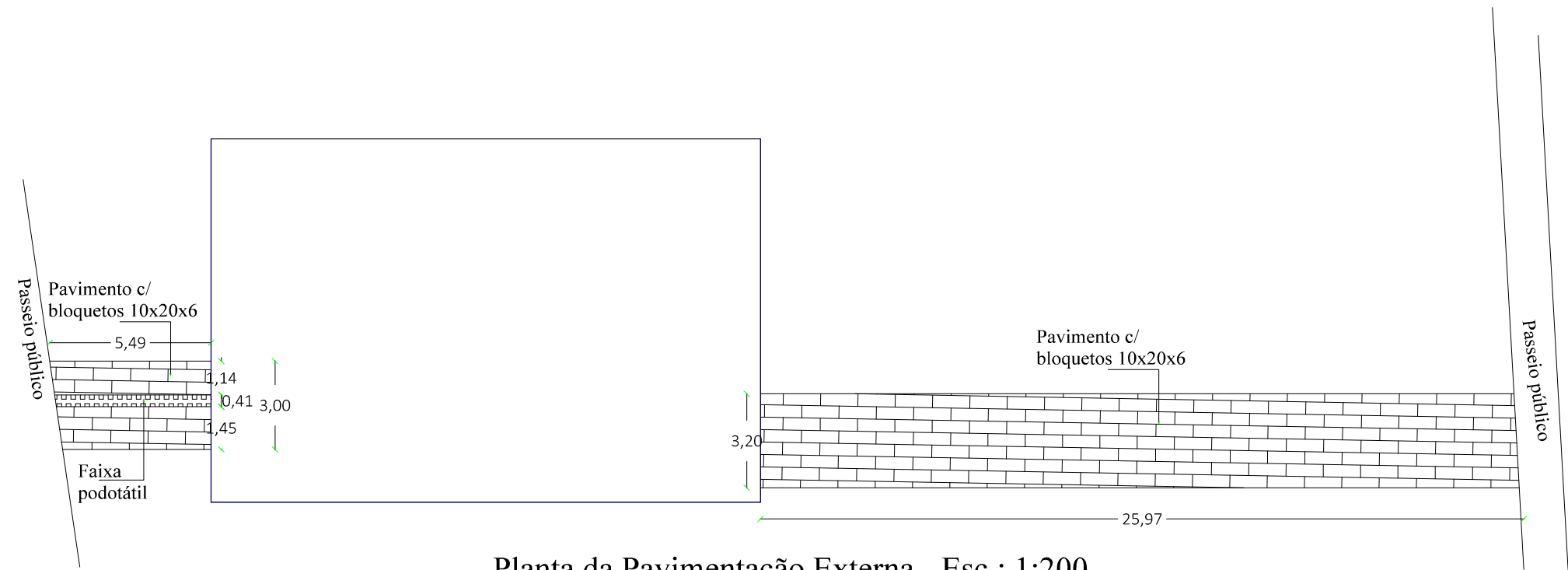
- Corte AA
- Corte BB
- Corte CC
- Vista Frontal
- Vista Lateral Esquerda

Prancha:

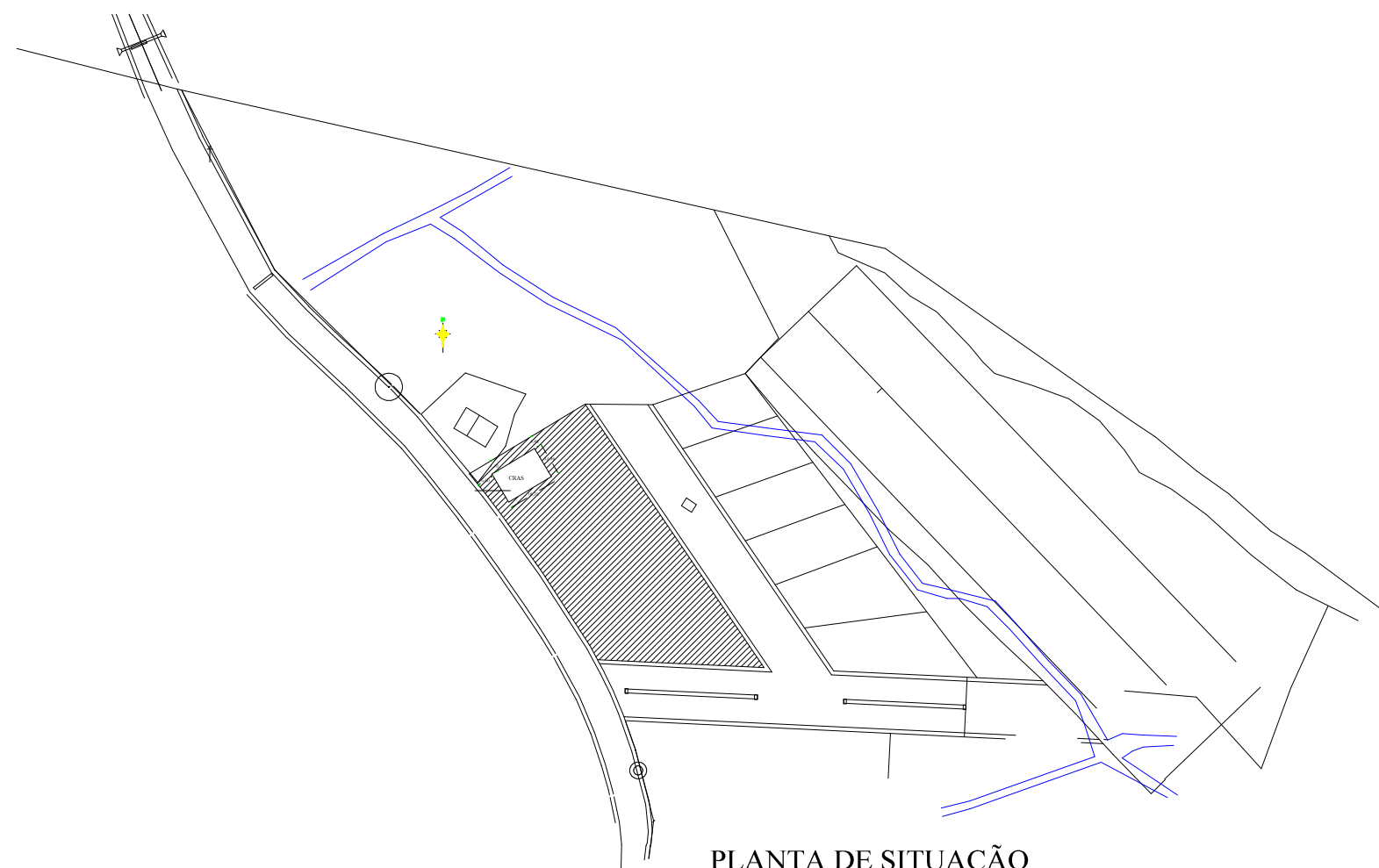
02

Anderson Fernando Bagatini
Prefeito Municipal

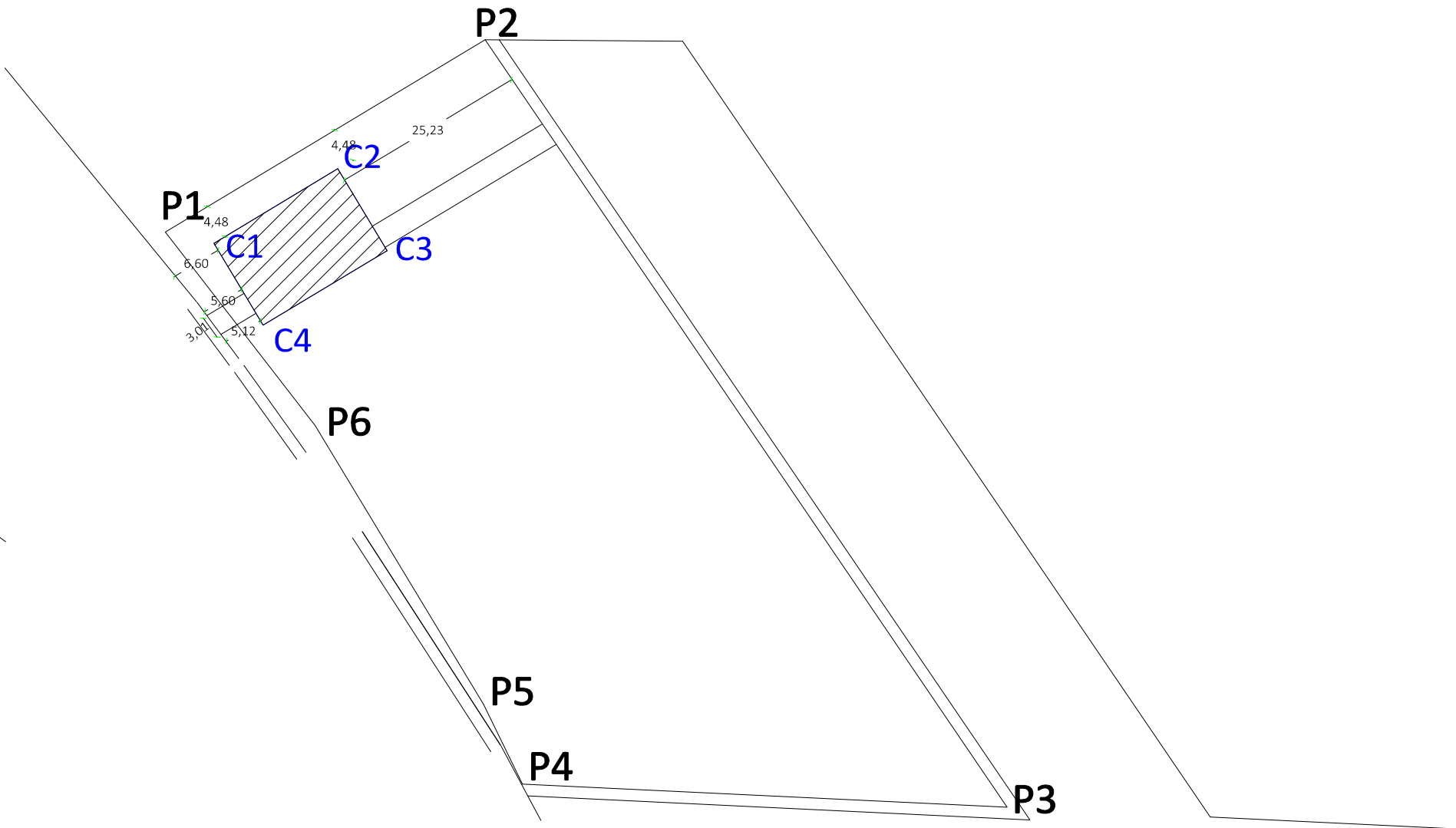
Eng. civil - João Jaime Detoni
CREA RS 012.028



Planta da Pavimentação Externa - Esc.: 1:200



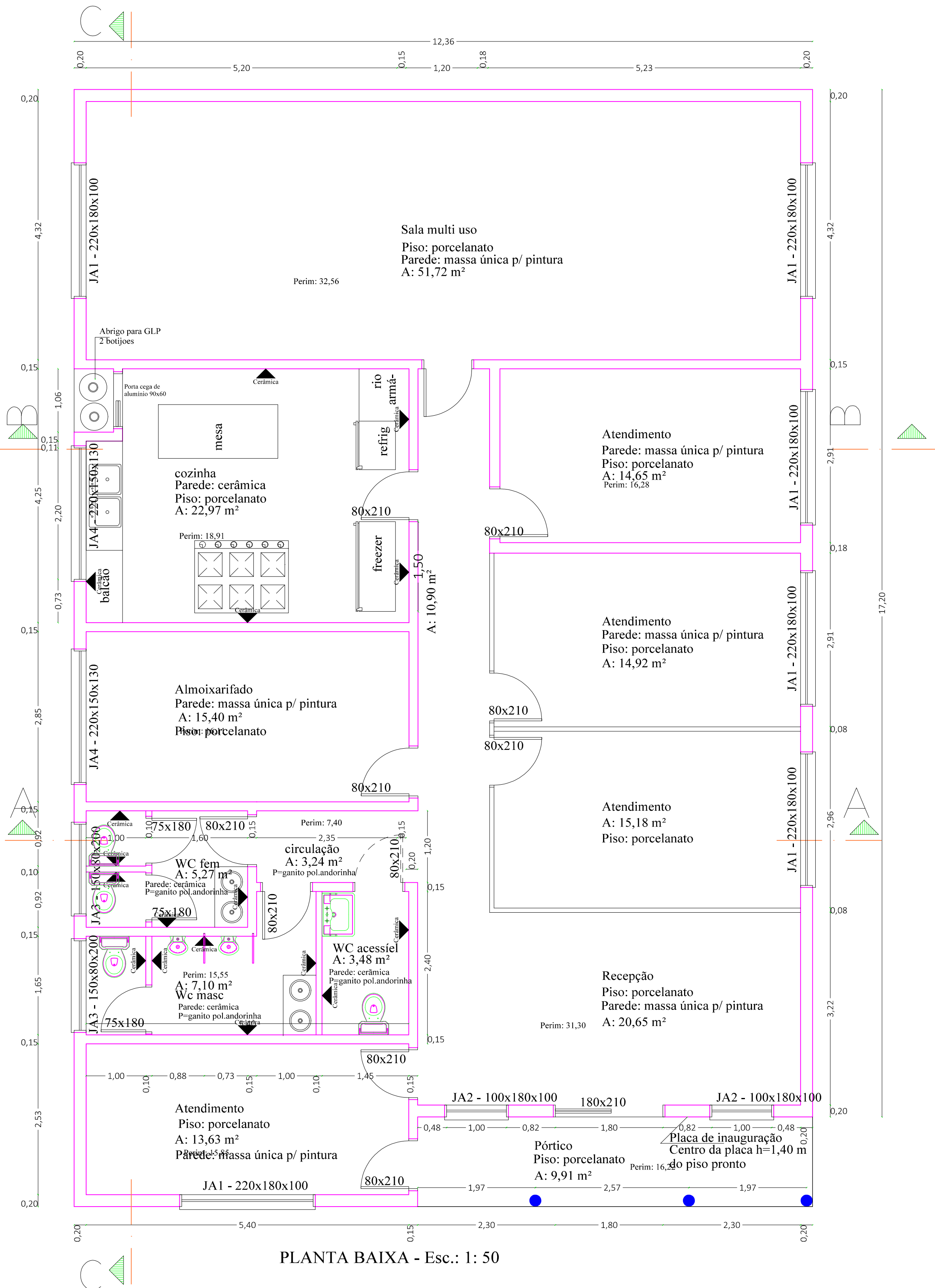
PLANTA DE SITUAÇÃO
Esc.: 1: 2.000



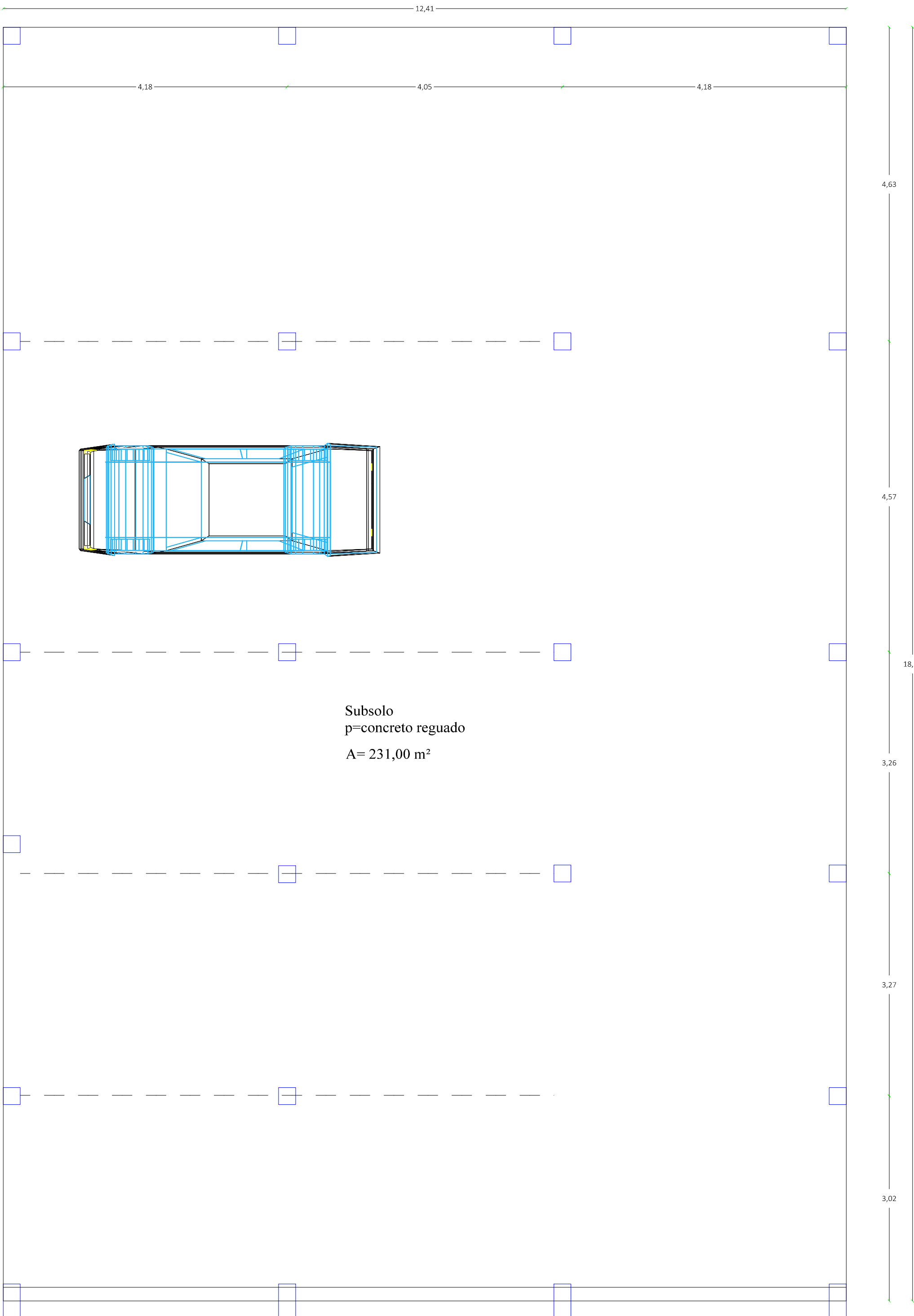
PLANTA DE LOCALIZAÇÃO - Esc.: 1: 750

COORDENADAS DO PERÍMETRO DO TERRENO				
Vértice	Coordenada E	Coordenada N	Azimute GMS	Distância m
P1	360.288,140	6.967.070,770	58°58'40"	48,25
P2	360.329,489	6.968.095,636	145°47'09"	120,00
P3	360.396,963	6.967.996,404	272°44'07"	62,72
P4	360.334,315	6.967.999,397	333°54'47"	11,44
P5	360.329,284	6.968.009,672	328°53'09"	452,14
P6	360.307,507	6.968.009,672	322°15'21"	31,64

COORDENADAS DO PERÍMETRO DA CONSTRUÇÃO				
Vértice	Coordenada E	Coordenada N	Azimute GMS	Distância m
C1	360.294,422	6.968.069,326	58°58'40"	18,70
C2	360.310,448	6.968.078,963	148°58'40"	12,36
C3	360.316,813	6.968.063,371	238°58'40"	18,70
C4	360.300,792	6.968.058,734	328°58'40"	12,36



PLANTA BAIXA - Esc.: 1: 50



PLANTA BAIXA DO SUBSOLO - Esc.: 1: 50



Projeto: PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

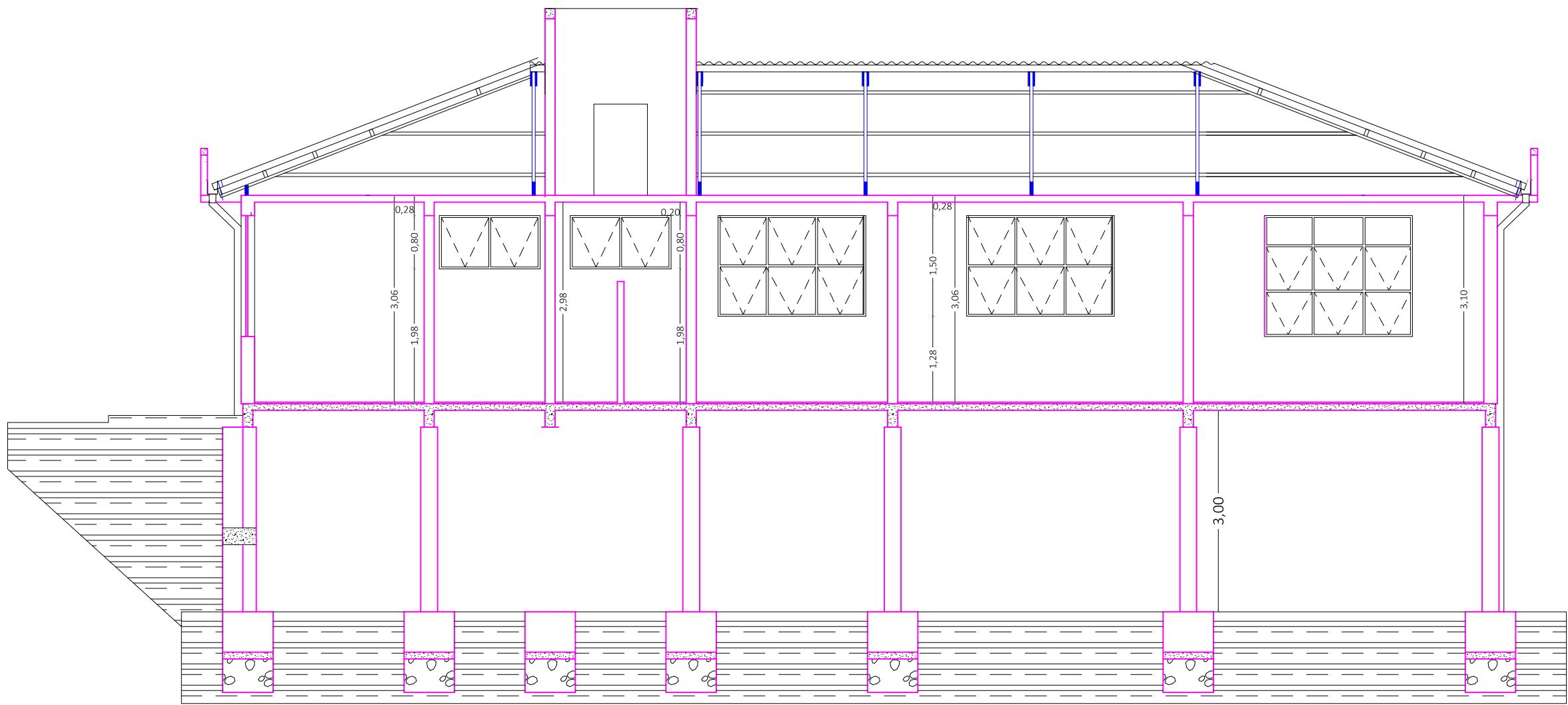
- Planta de situação
- Planta de Localização
- Planta Baixa

Prancha:

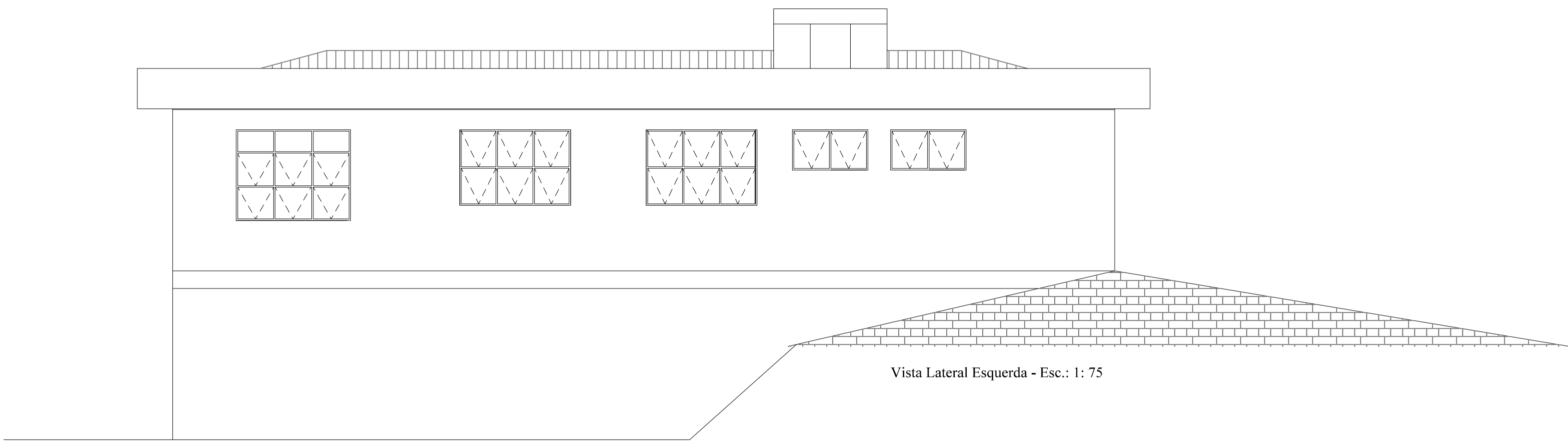
01

Anderson Fernando Bagatini
Prefeito Municipal

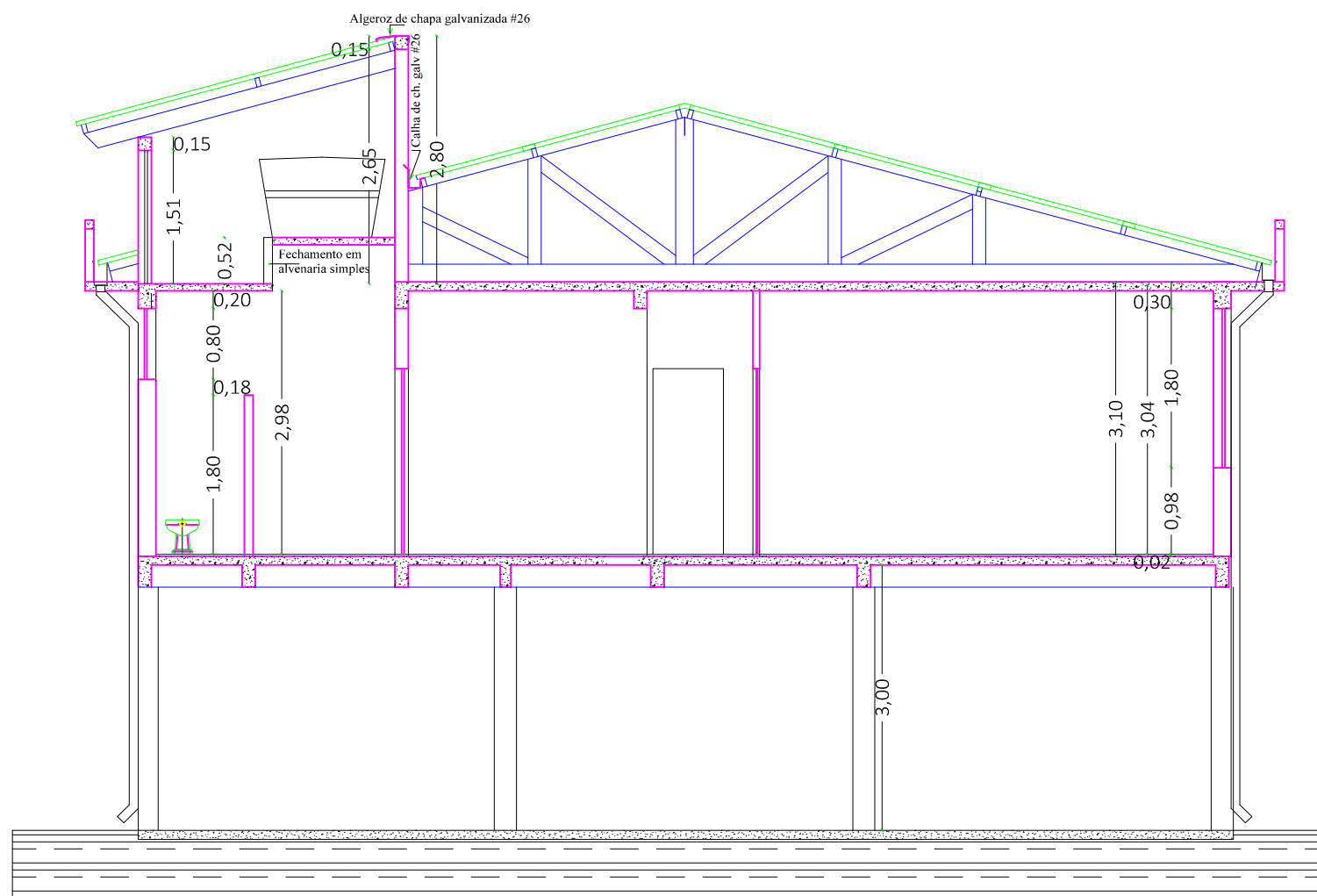
Eng. civil - João Jaime Detoni
CREA RS 012.028



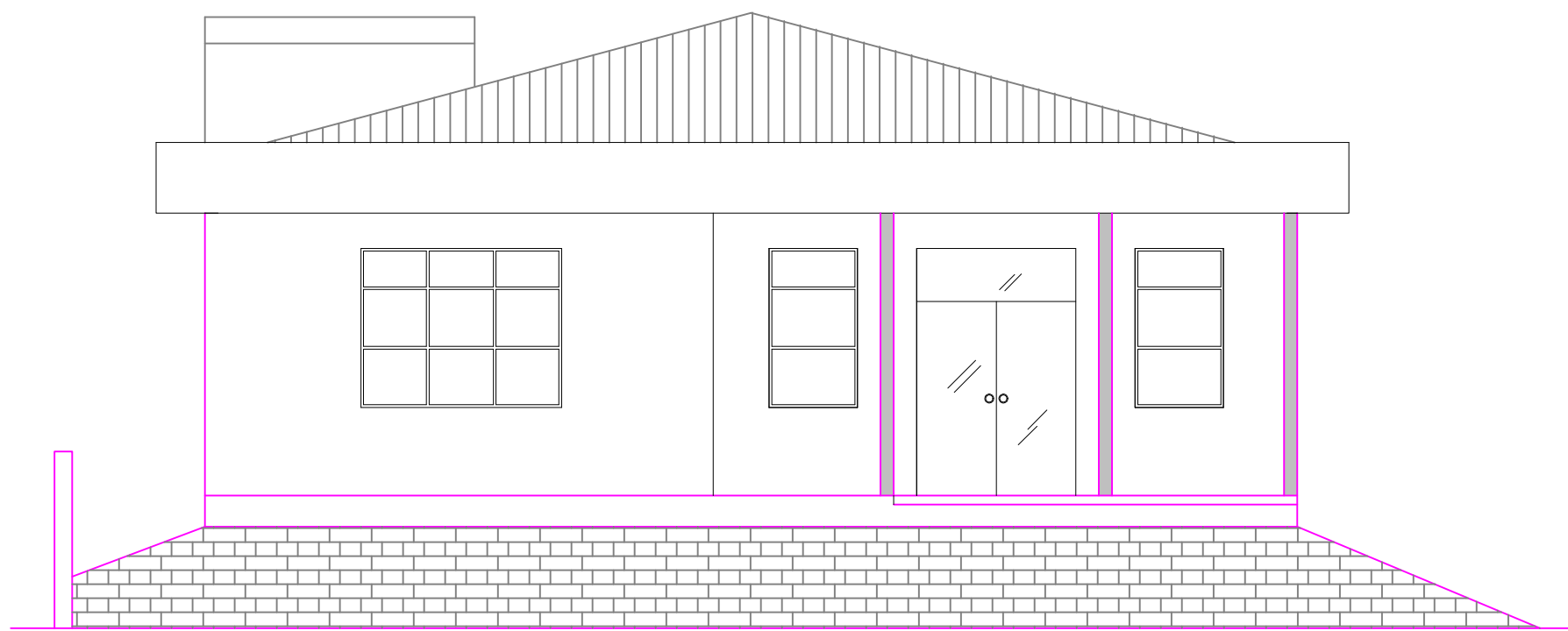
CORTE CC - Esc.: 1: 75



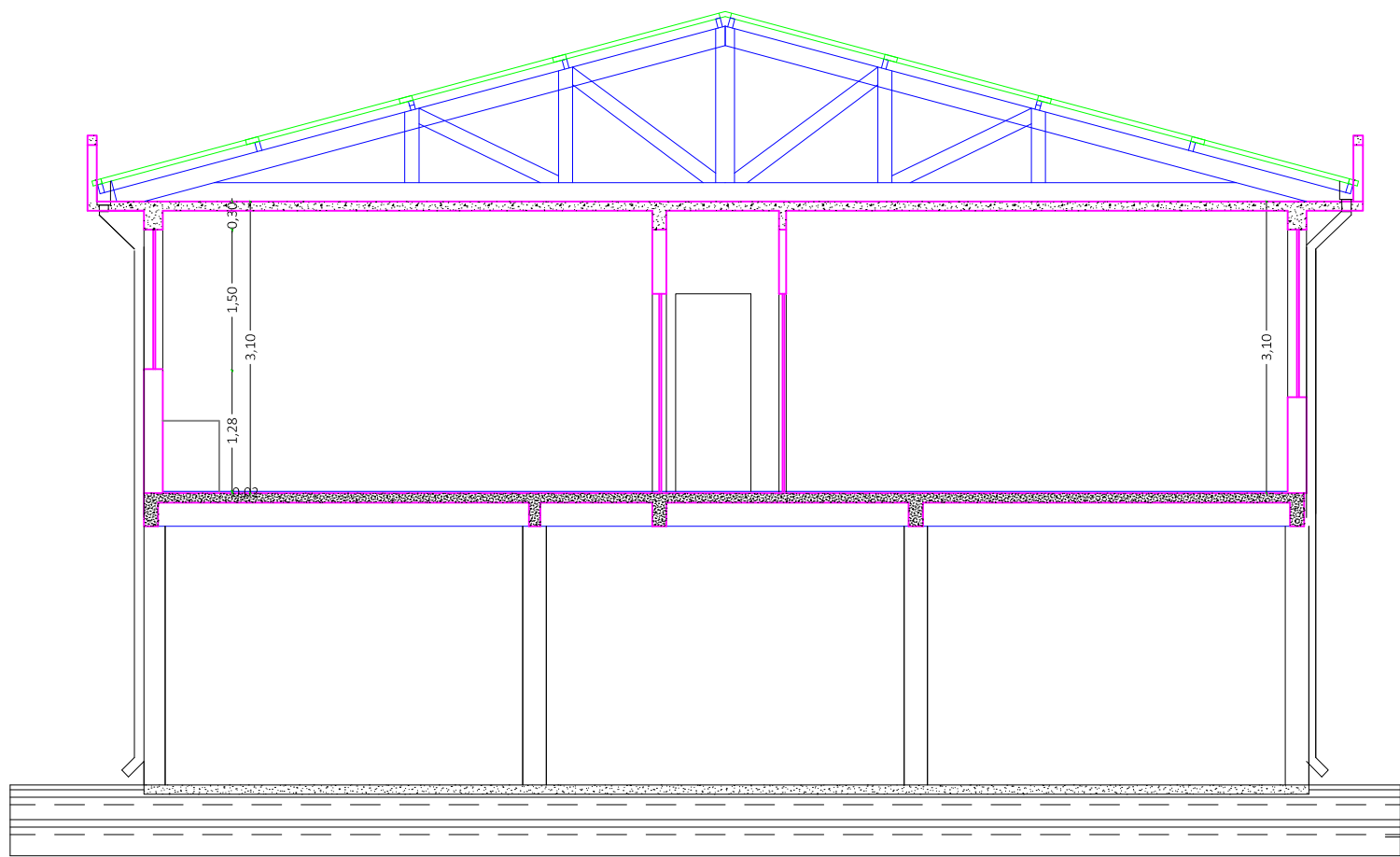
Vista Lateral Esquerda - Esc.: 1: 75



CORTE AA - Esc.: 1: 75



Vista Frontal - Esc.: 1: 75



CORTE BB - Esc.: 1: 75



Projeto: PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

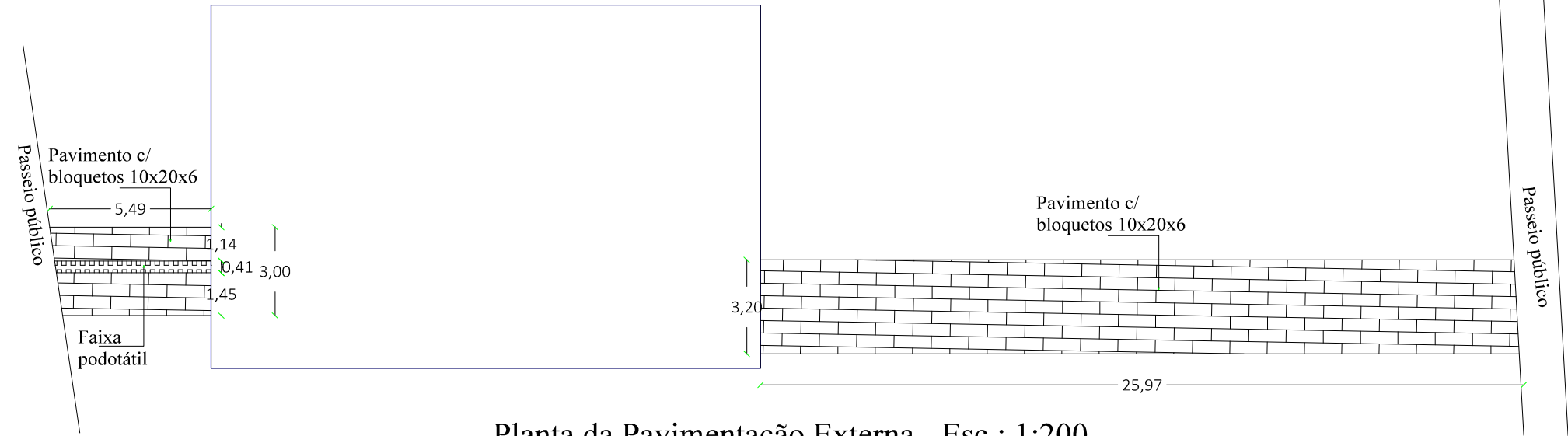
- Corte AA
- Corte BB
- Corte CC
- Vista Frontal
- Vista Lateral Esquerda

Prancha:

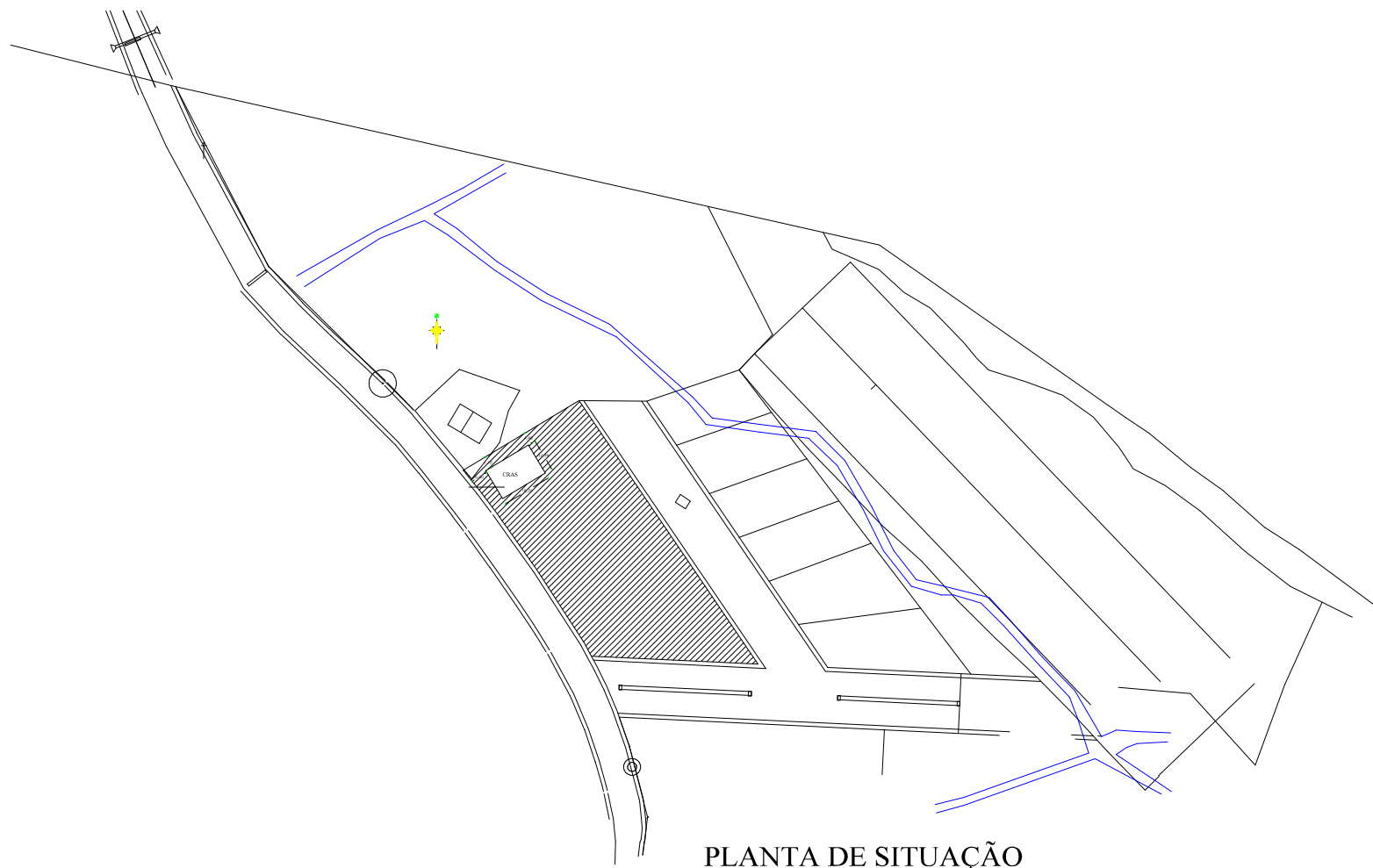
02

Anderson Fernando Bagatini
Prefeito Municipal

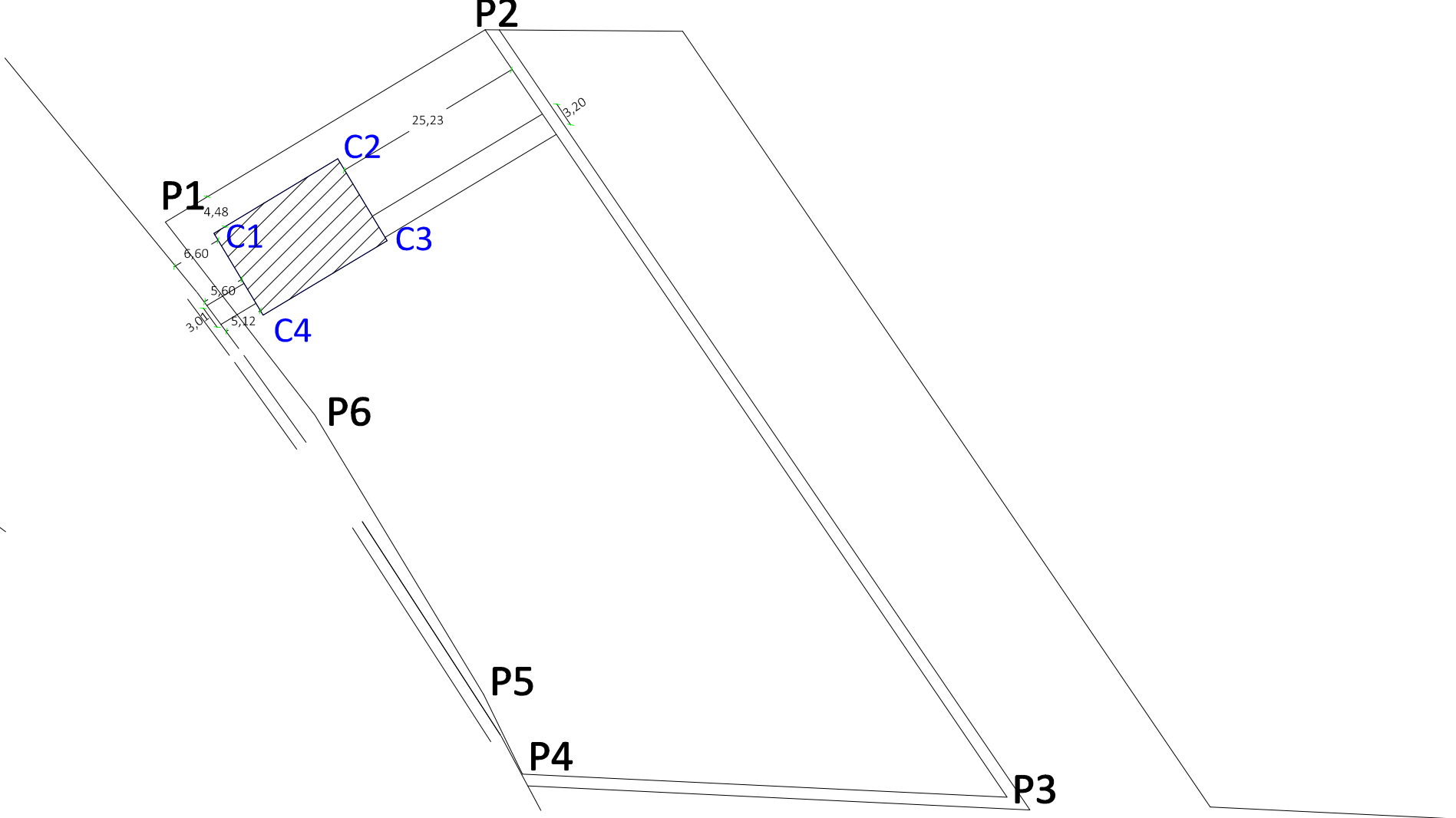
Eng. civil - João Jaime Detoni
CREA RS 012.028



Planta da Pavimentação Externa - Esc.: 1:200



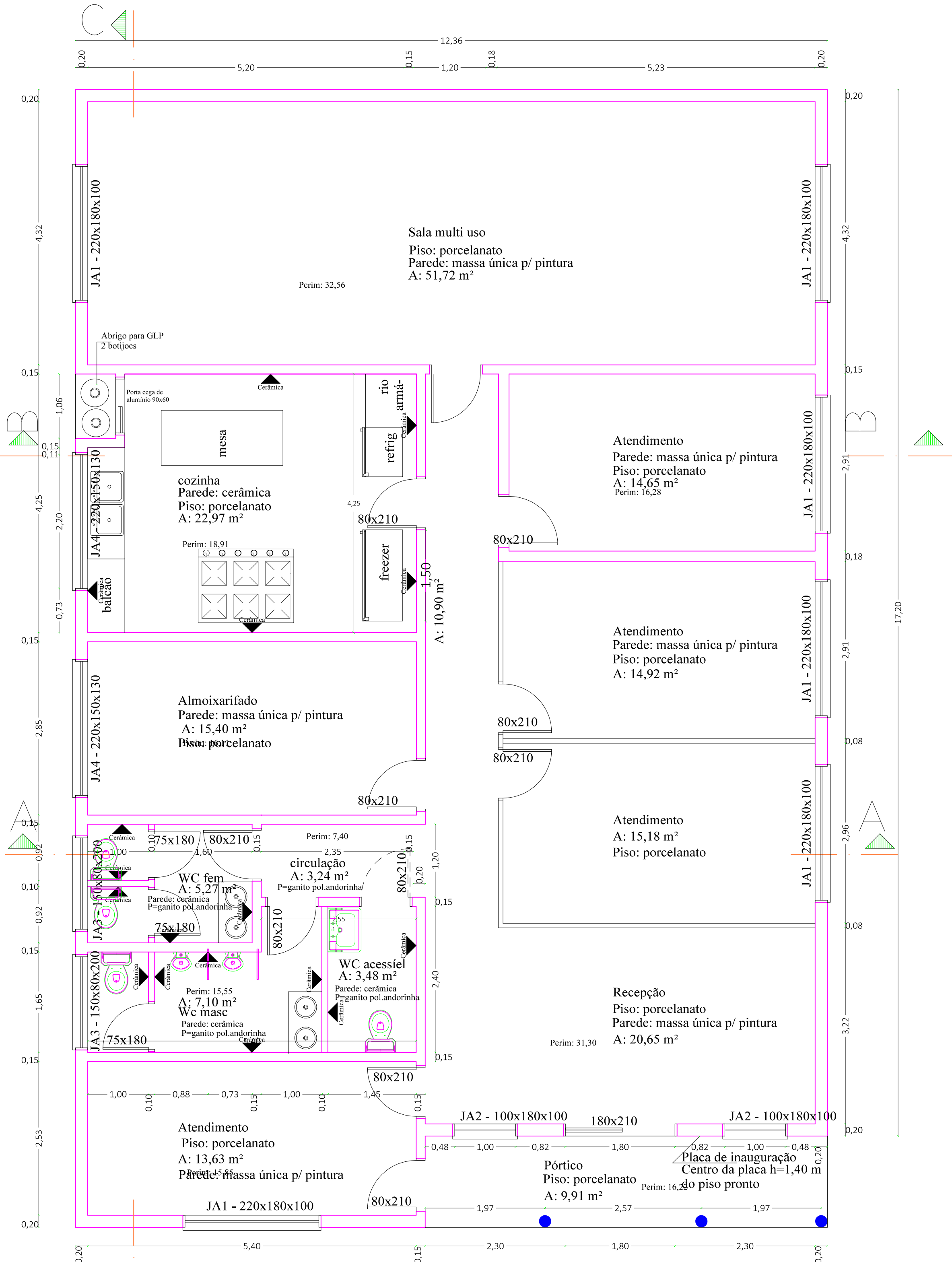
PLANTA DE SITUAÇÃO
Esc.: 1: 2.000



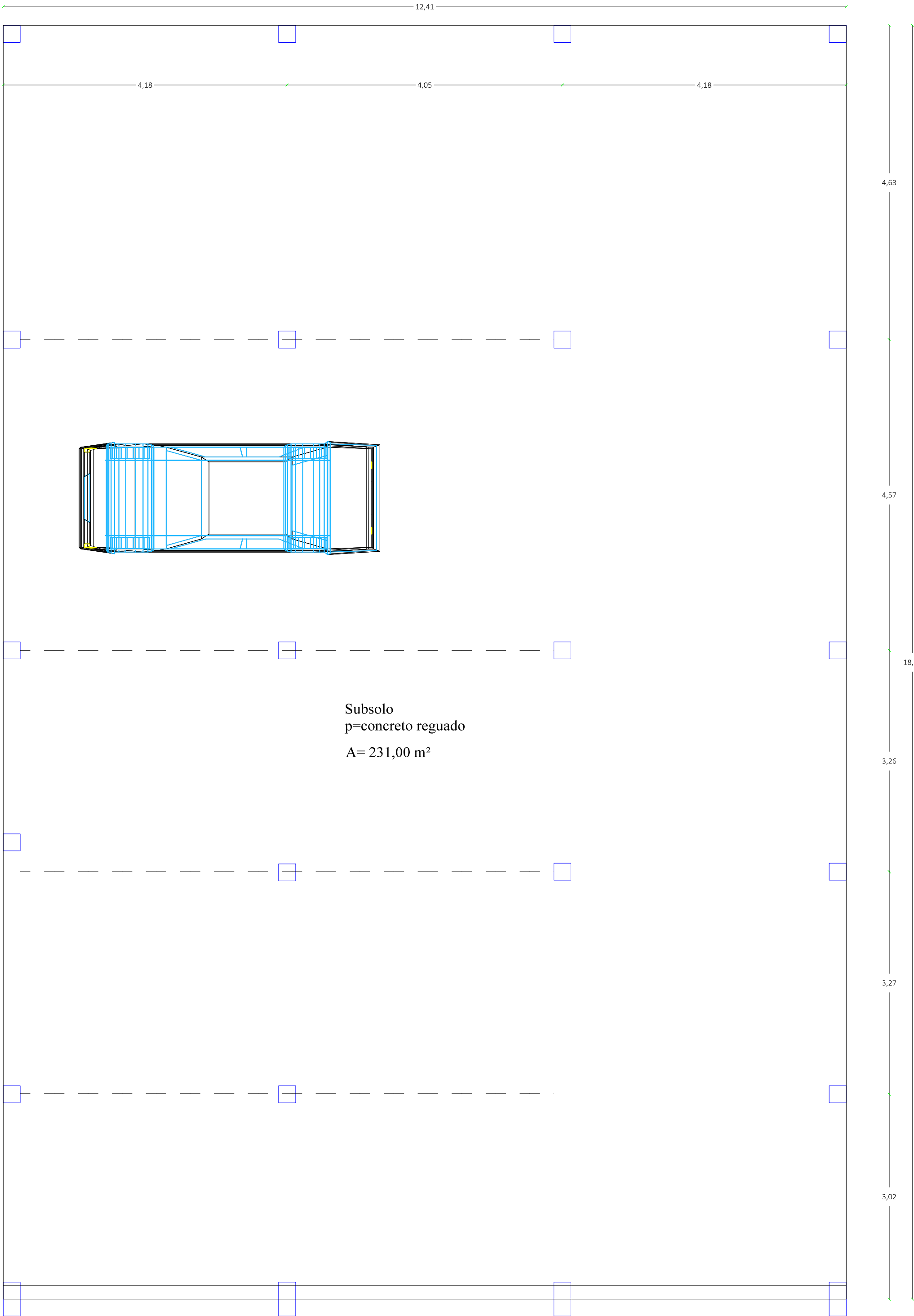
PLANTA DE LOCALIZAÇÃO - Esc.: 1: 750

COORDENADAS DO PERÍMETRO DO TERRENO				
Vértice	Coordenada E	Coordenada N	Azimute GMS	Distância m
P1	360.288,140	6.967.070,770	58°58'40"	48,25
P2	360.329,489	6.968.095,636	145°47'09"	120,00
P3	360.396,963	6.967.996,404	272°44'07"	62,72
P4	360.334,315	6.967.999,397	333°54'47"	11,44
P5	360.329,284	6.968.009,672	328°53'09"	452,14
P6	360.307,507	6.968.009,672	322°15'21"	31,64

COORDENADAS DO PERÍMETRO DA CONSTRUÇÃO				
Vértice	Coordenada E	Coordenada N	Azimute GMS	Distância m
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C2	360.310,448	6.968.078,963	148°58'40"	12,36
C3	360.316,813	6.968.063,371	238°58'40"	18,70
C4	360.300,792	6.968.058,734	328°58'40"	12,36



PLANTA BAIXA - Esc.: 1: 50



PLANTA BAIXA DO SUBSOLO - Esc.: 1: 50



Projeto: PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

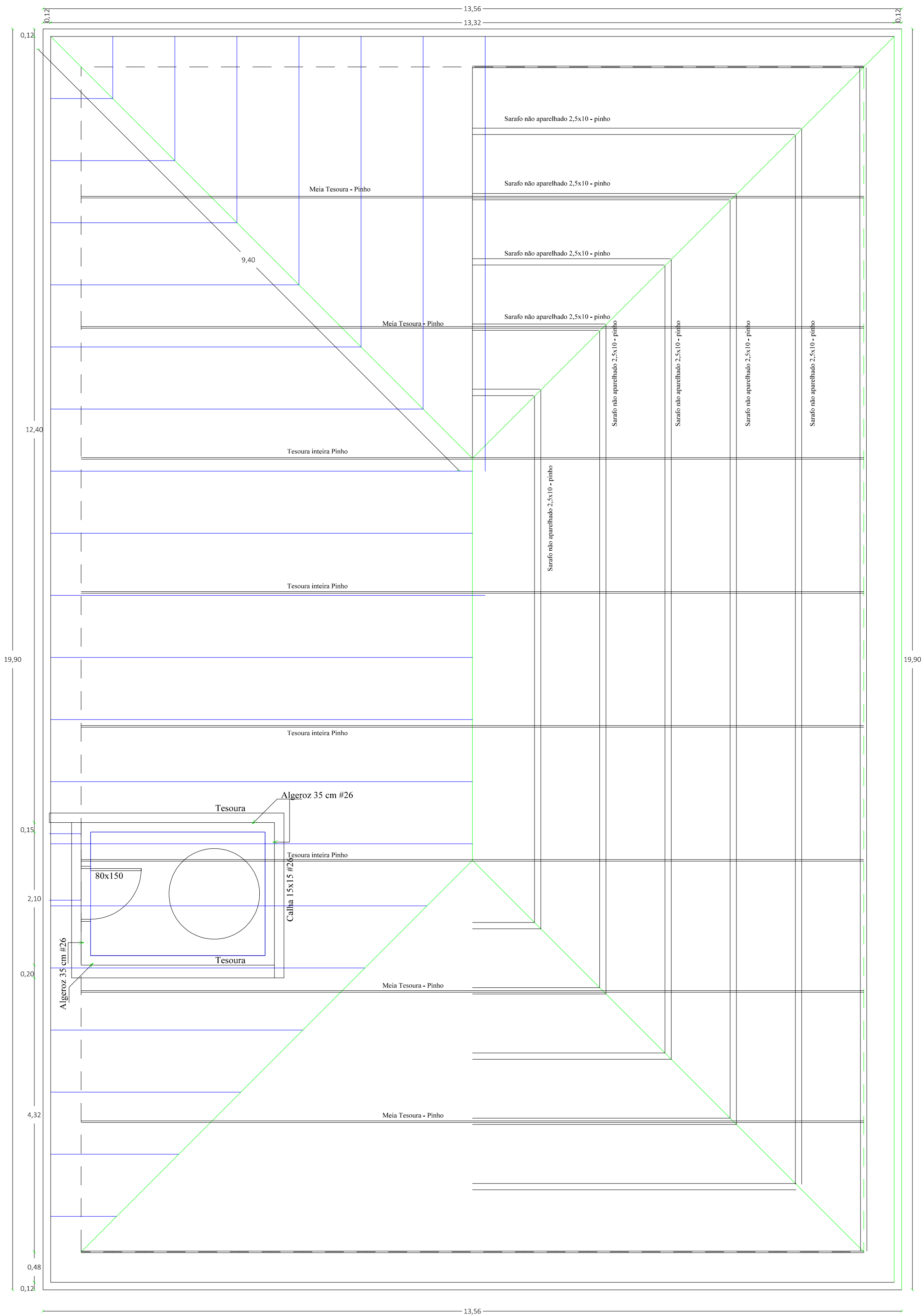
- Planta de situação
- Planta de Localização
- Planta Baixa

Prancha:

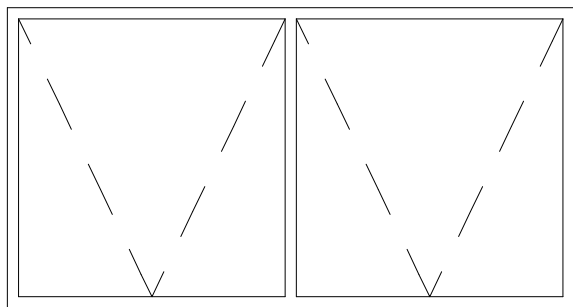
01

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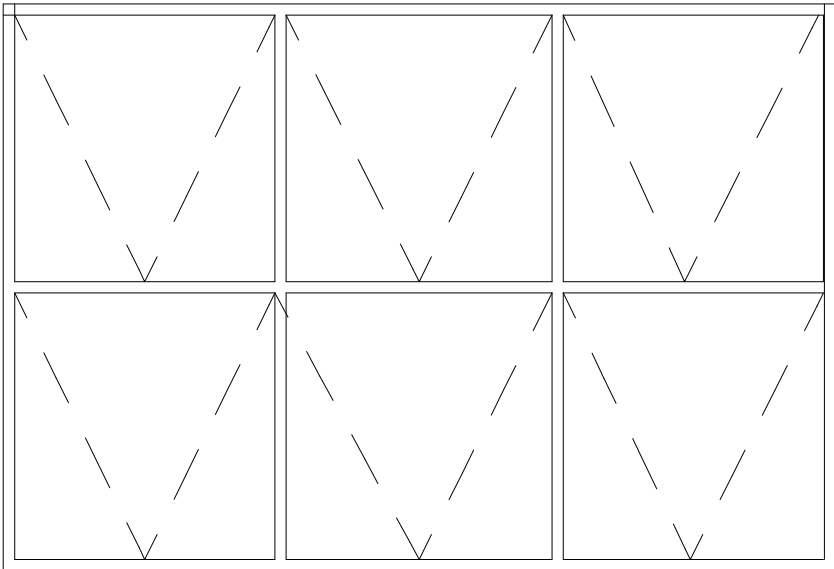
Eng. civil - João Jaime Detoni
CREA RS 012.028



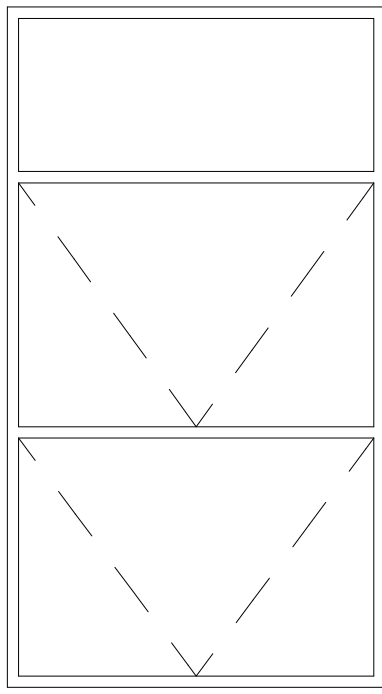
Planta do Telhado - Esc.: 1: 50



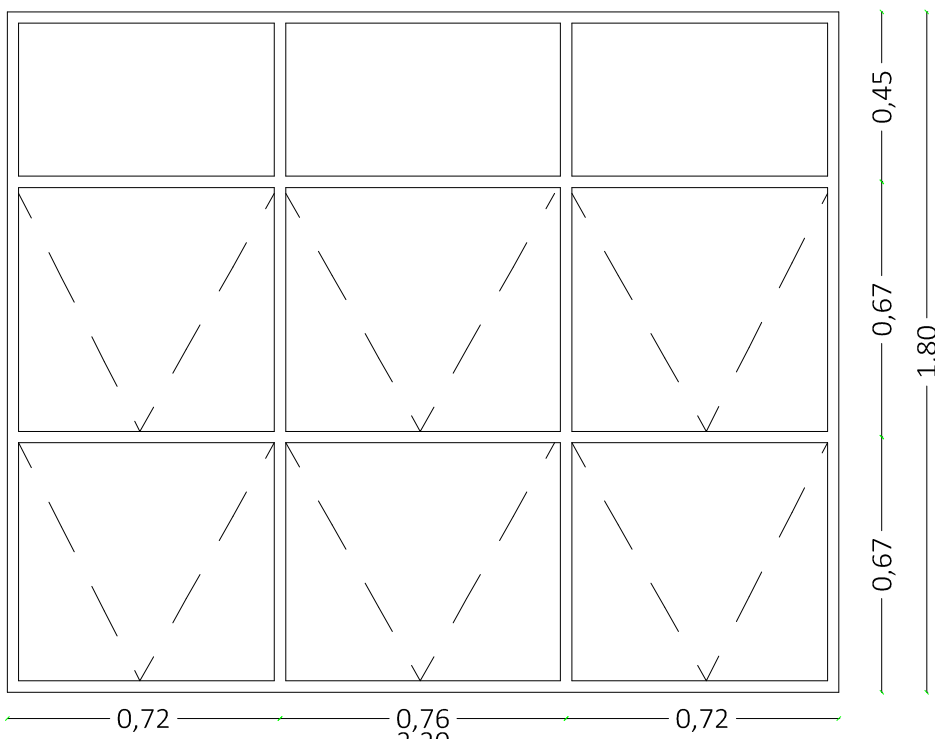
JA3 - 150X80



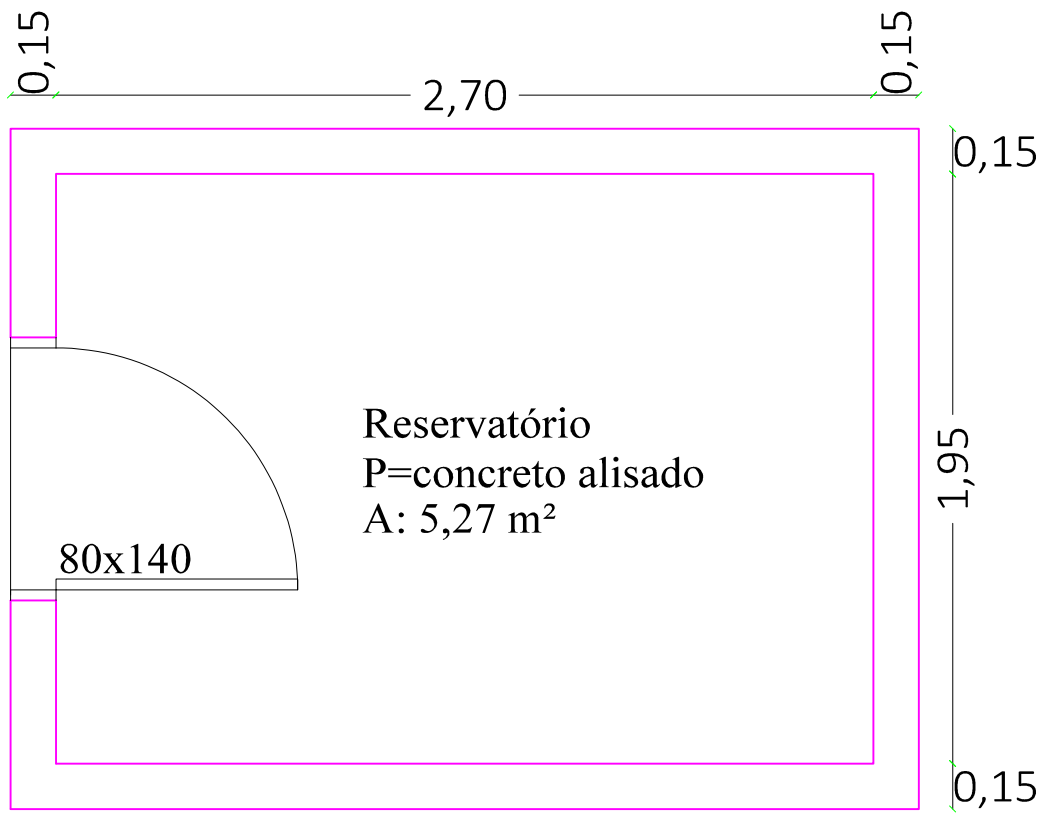
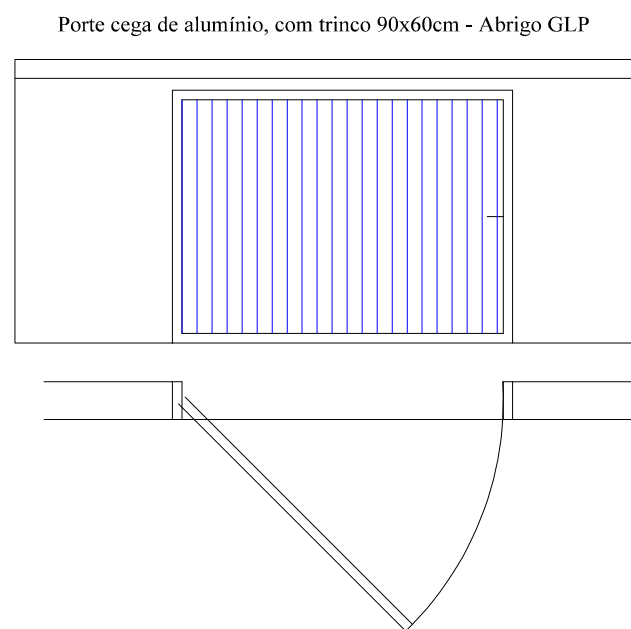
JA4 - 220X150



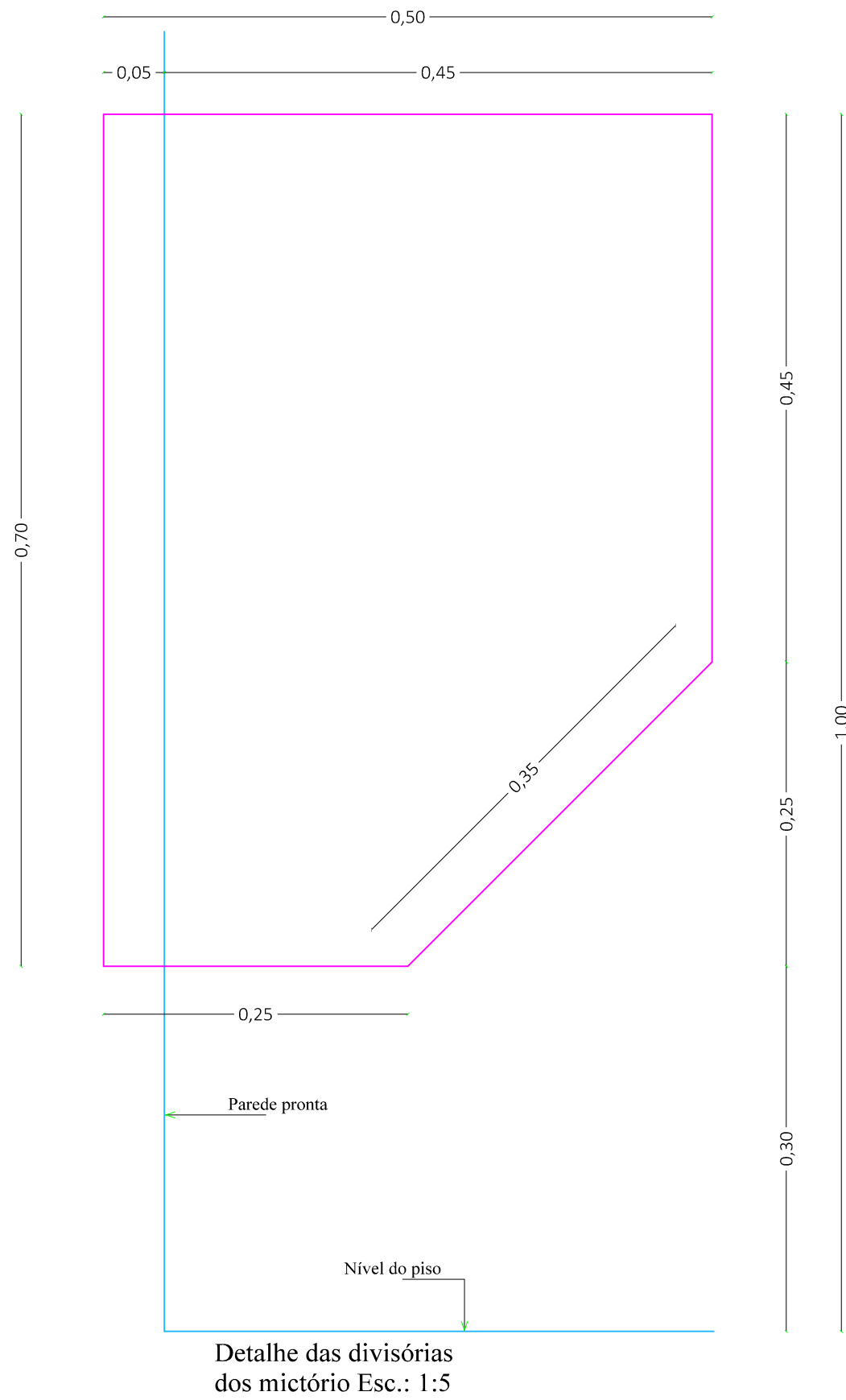
JA2 - 100X180



JA1 - 220X180



Planta Baixa
Reservatório - Esc.: 1:50



Projeto: PRÉDIO SEDE CRAS

Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

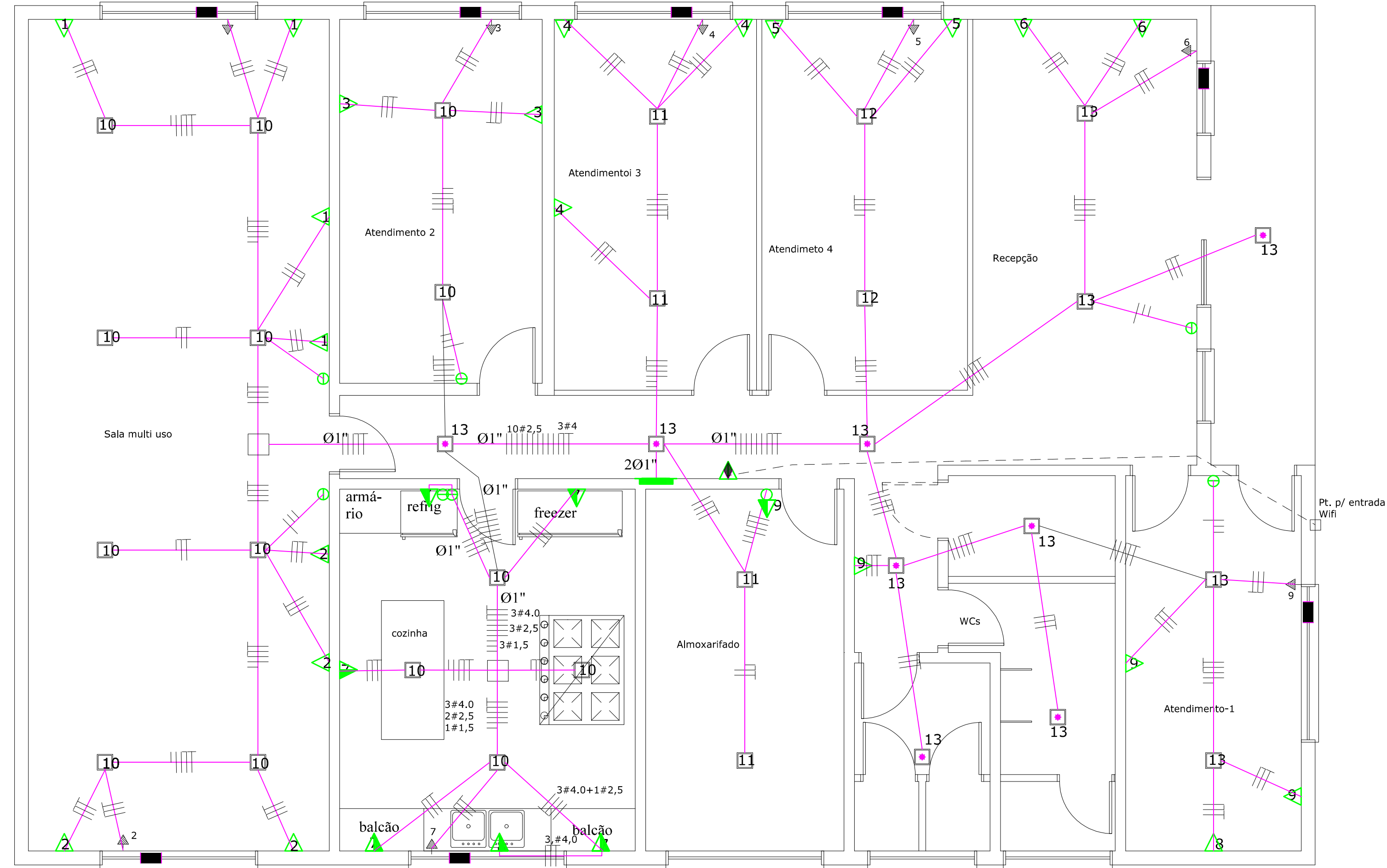
- Plnata baixa do abrigo do reservatório
- Planta da cobertura
- Detalhe das tesourtas do telhado

Prancha:

03

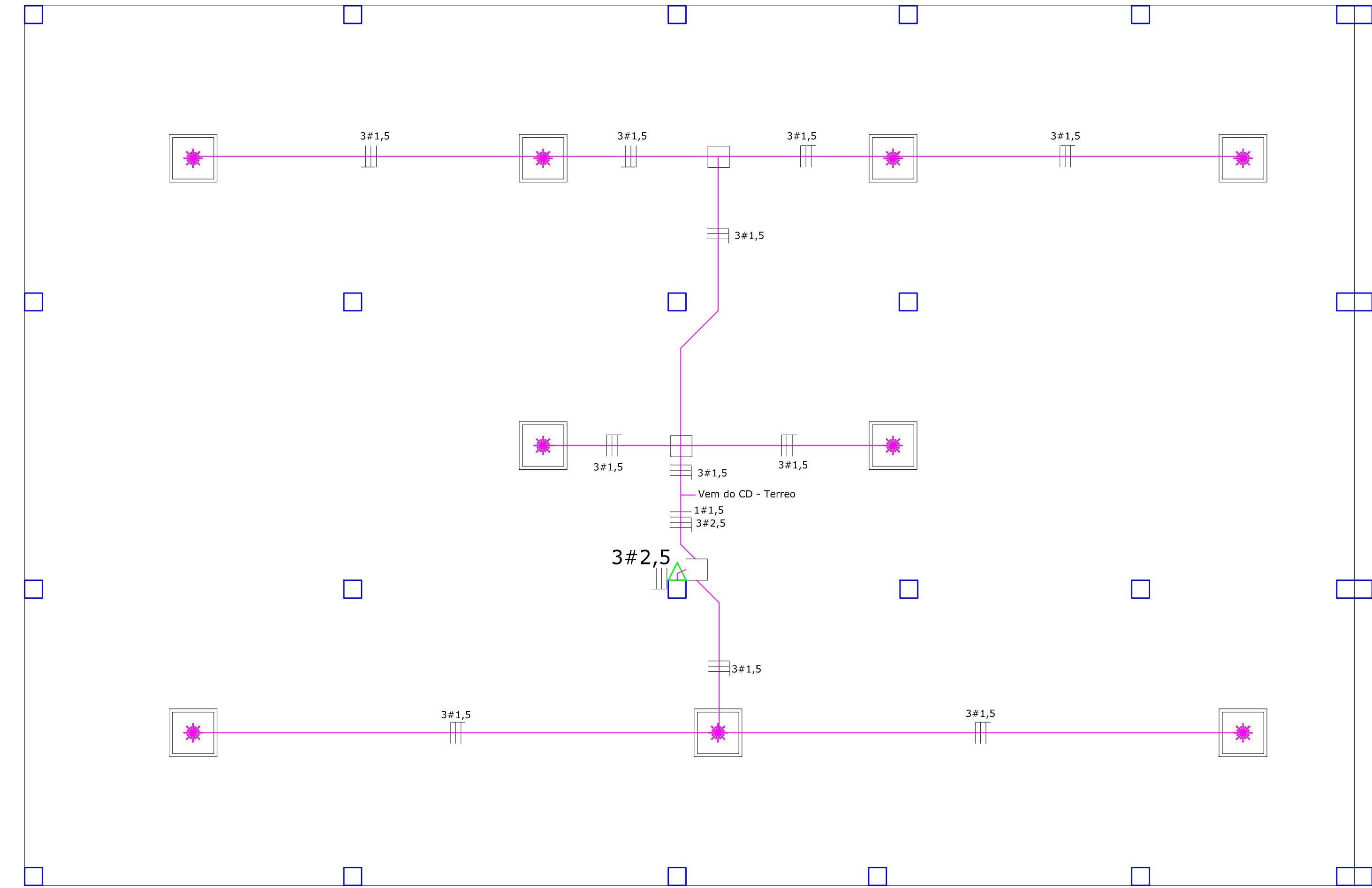
Anderson Fernando Bagatini
Prefeito Municipal

Eng. civil João Jaime Detoni
CREA 27291
CREA RS 012.028

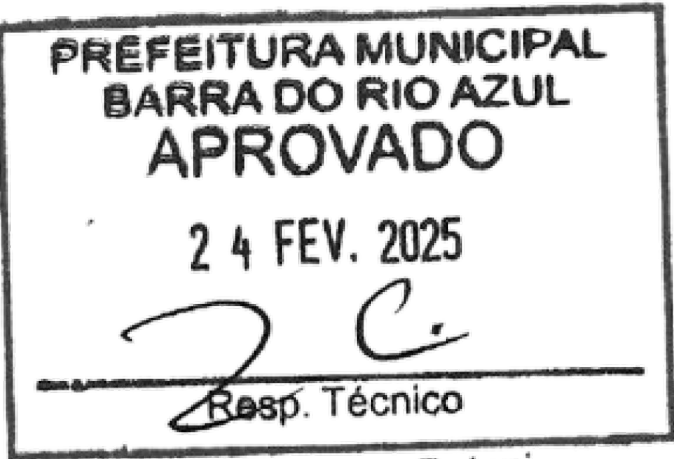
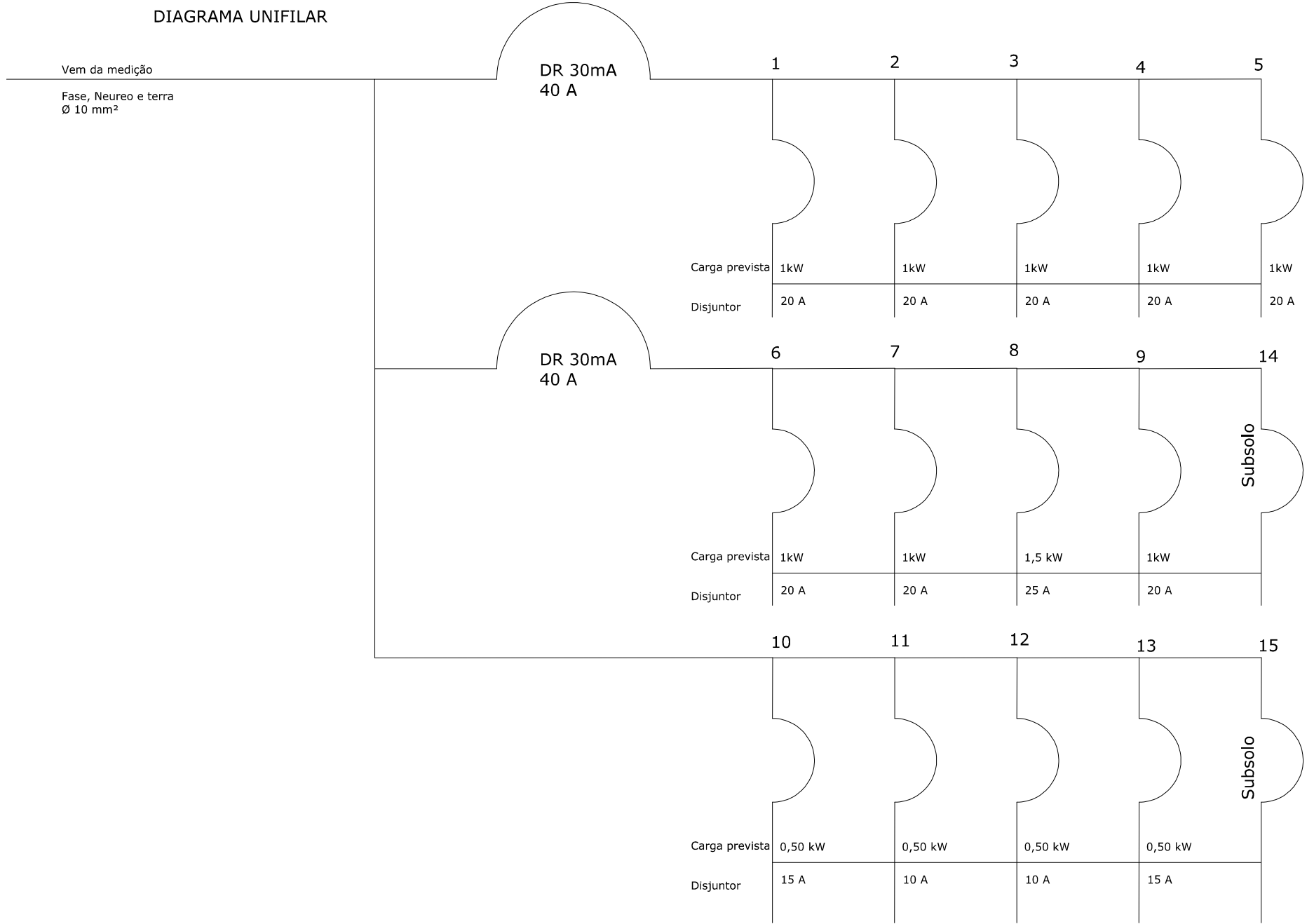


Observação:
Condutores de fase e neutro
não cotados: # 2,5 mm²
Condutores de retorno: # 1,5 mm²

PLANTA DA REDE DE DISTRIBUIÇÃO DE ENERGIA ELÉTRICA
Esc.: 1: 50



PLANTA DA REDE DE DISTRIBUIÇÃO ELÉTRICA - FORRO DO SUBSOLO - Esc.: 1:50



Projeto: ELETRICIDAE - PRÉDIO SEDE CRAS
Localização: Lote nº10 da Quadra A - Barra do Rio Azul Barra do Rio Azul-RS

Discriminação:

REDE DE DISTRIBUIÇÃO ELÉTRICA

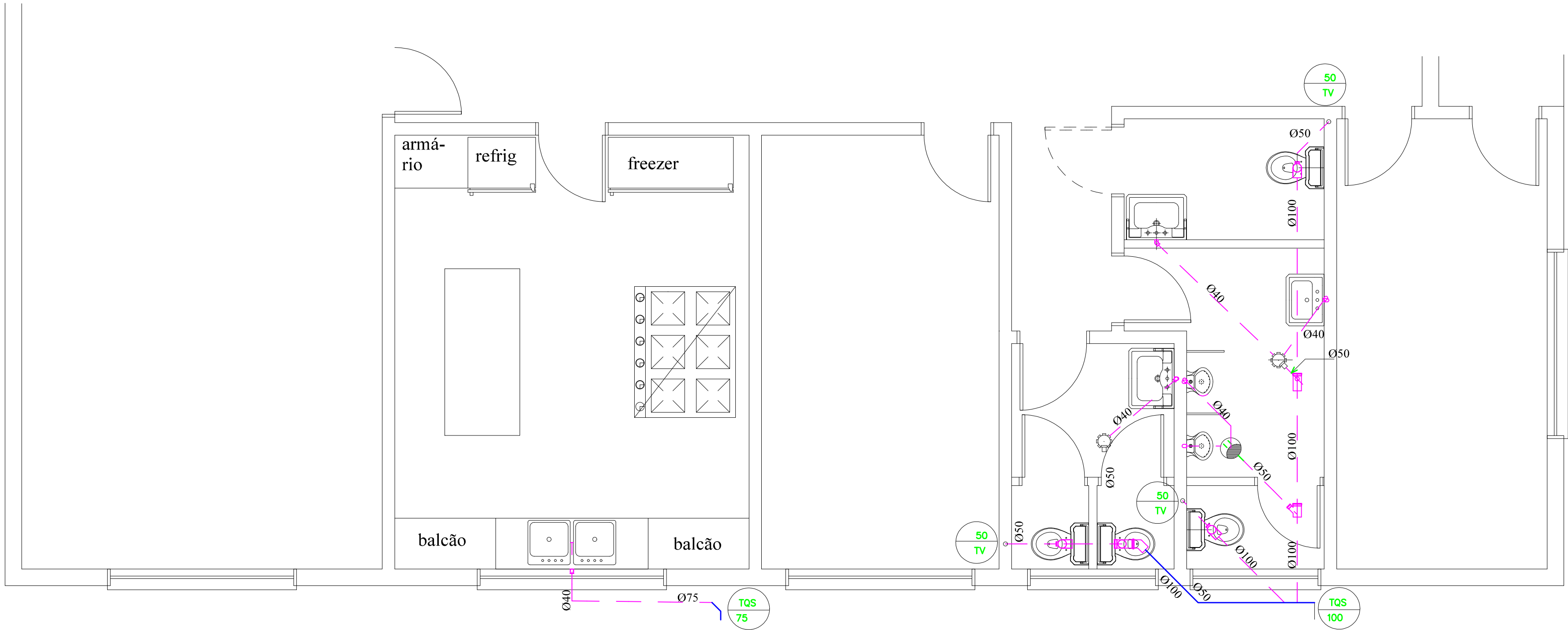
Prancha:

E 01

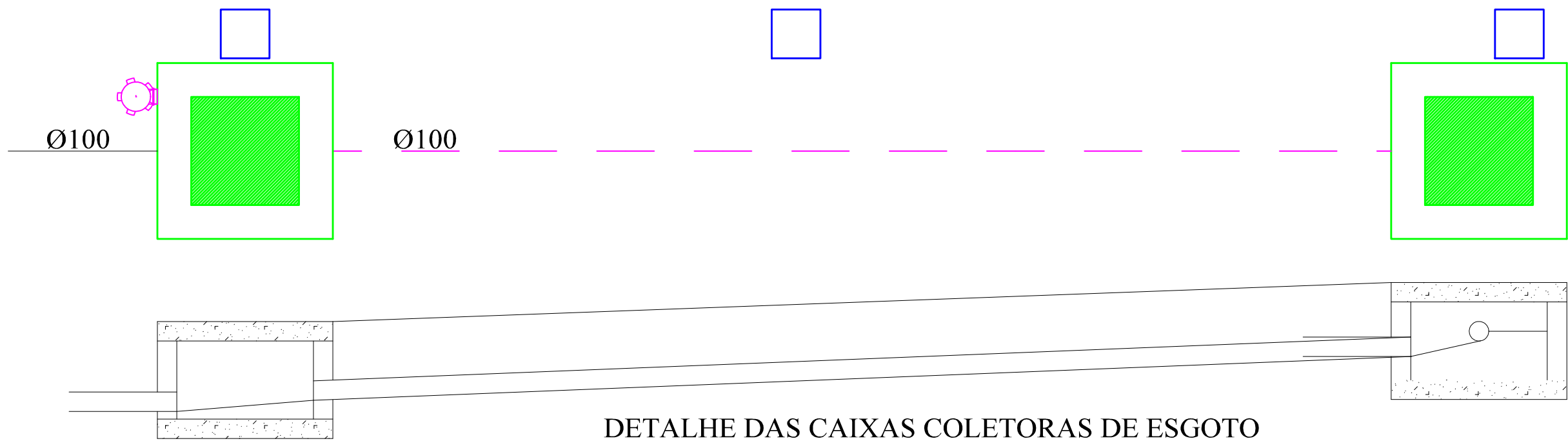
ANDERSON BAGATINI
Prefeito Municipal

João Jaime Detoni
Engº Civil
CREA 27291
Barra do Rio Azul-RS

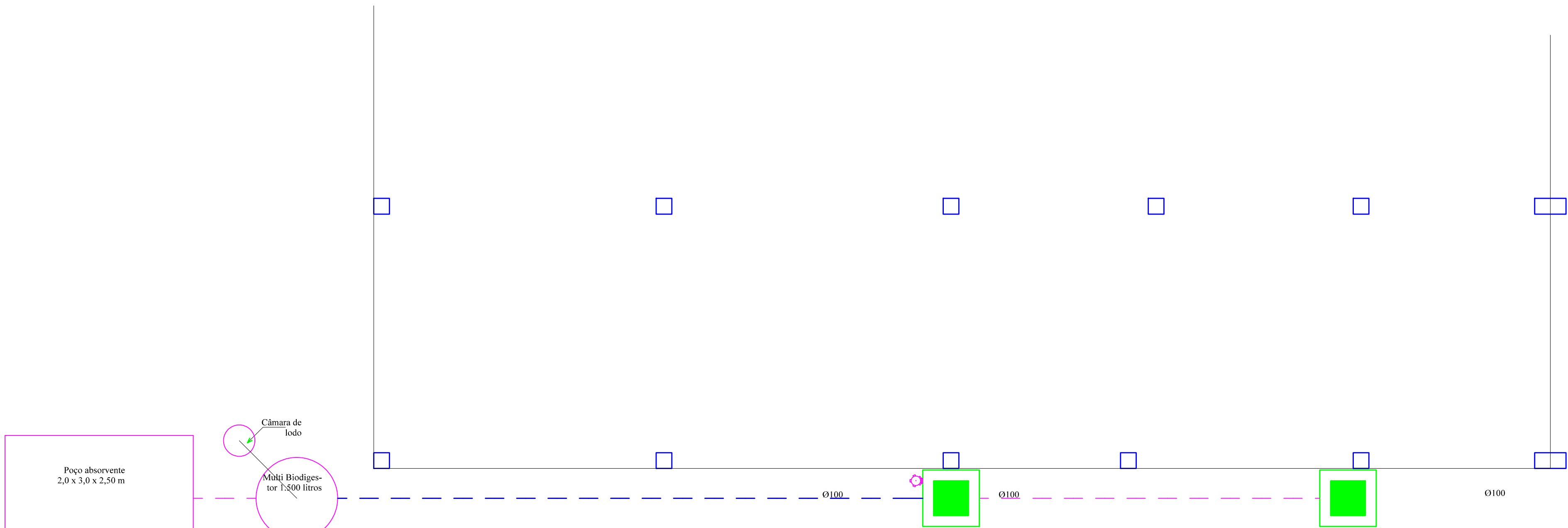
Eng. civil - João Jaime Detoni
CREA RS 012.028



REDE COLETORA DE ESGÔTO SANITÁRIO - Esc.: 1:50



DETALHE DAS CAIXAS COLETORAS DE ESGOTO
esc.: 1: 25



PLANTA DA COLETORA DE ESGOTO - SUBSOLO - Esc.: 1:50



Projeto: REDE COLETORA DE ESGOTO SANITÁRIO - PRÉDIO SEDE GRAS
Localização: Lote nº10 da Quadra A - Barra do Rio Azul

Discriminação:

REDE COLETORA DE ESGOTO SANITÁRIO

Prancha:

HS02

ANDERSON BAGATINI
Prefeito Municipal

Eng. civil - João Jaime Detoni
CREA RS 012.028