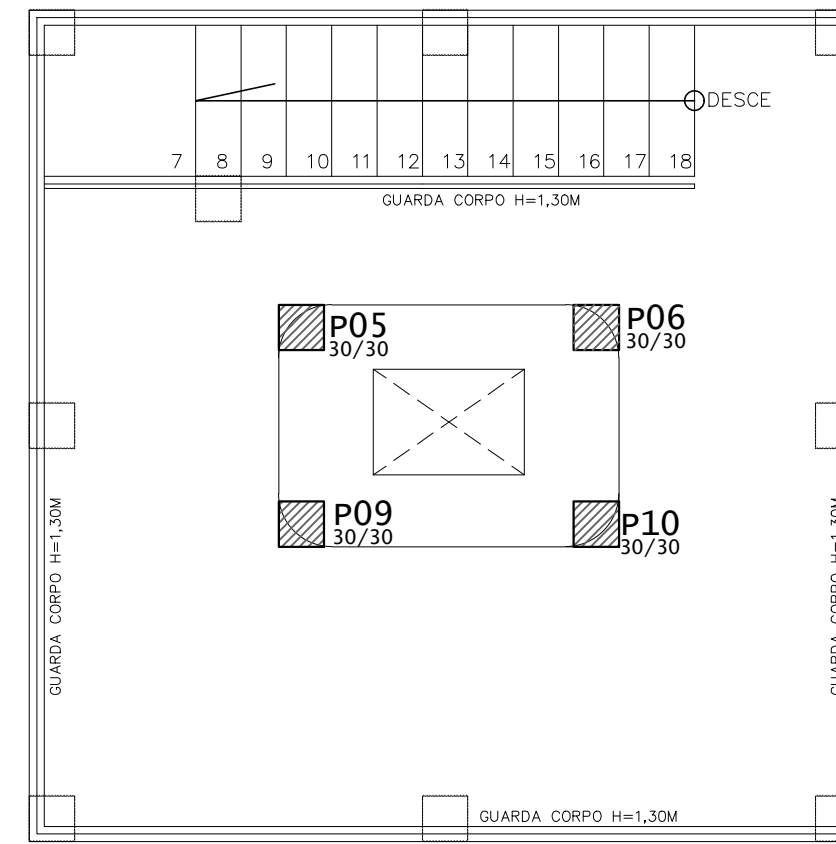
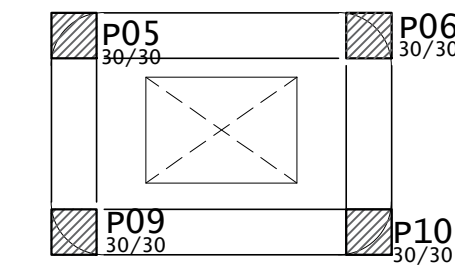


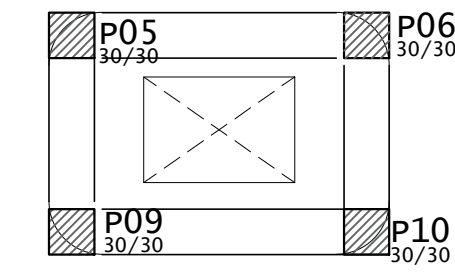
PLANTA BAIXA
Pavimento Térreo (Base do Cristo)
NÍVEL ZERO
Escala= 1:50



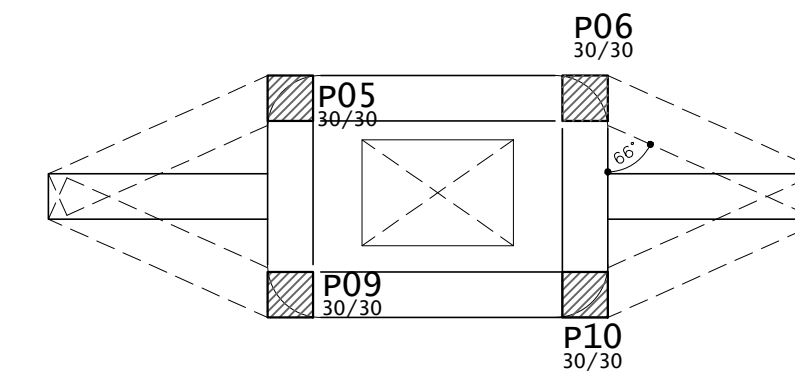
PLANTA BAIXA
1º Pavimento (Mirante do Cristo)
NÍVEL: +3,20M
Escala= 1:50



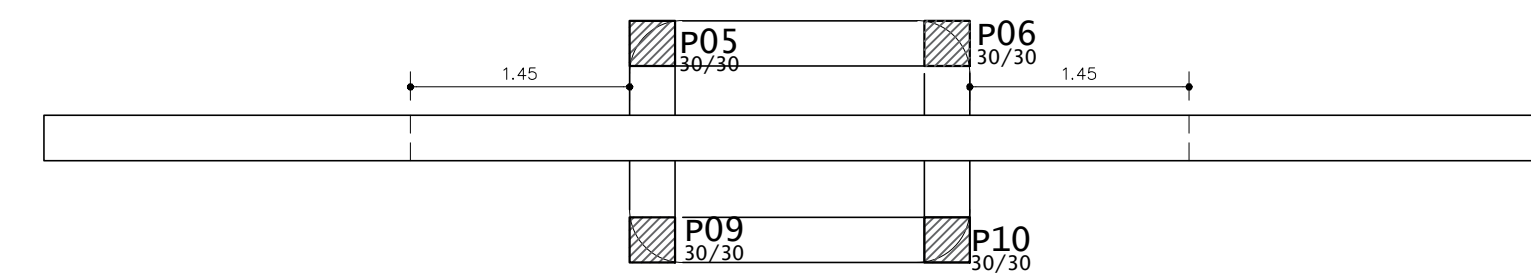
PLANTA BAIXA
1º Nível de Laje
NÍVEL: +5,85M
Escala= 1:25



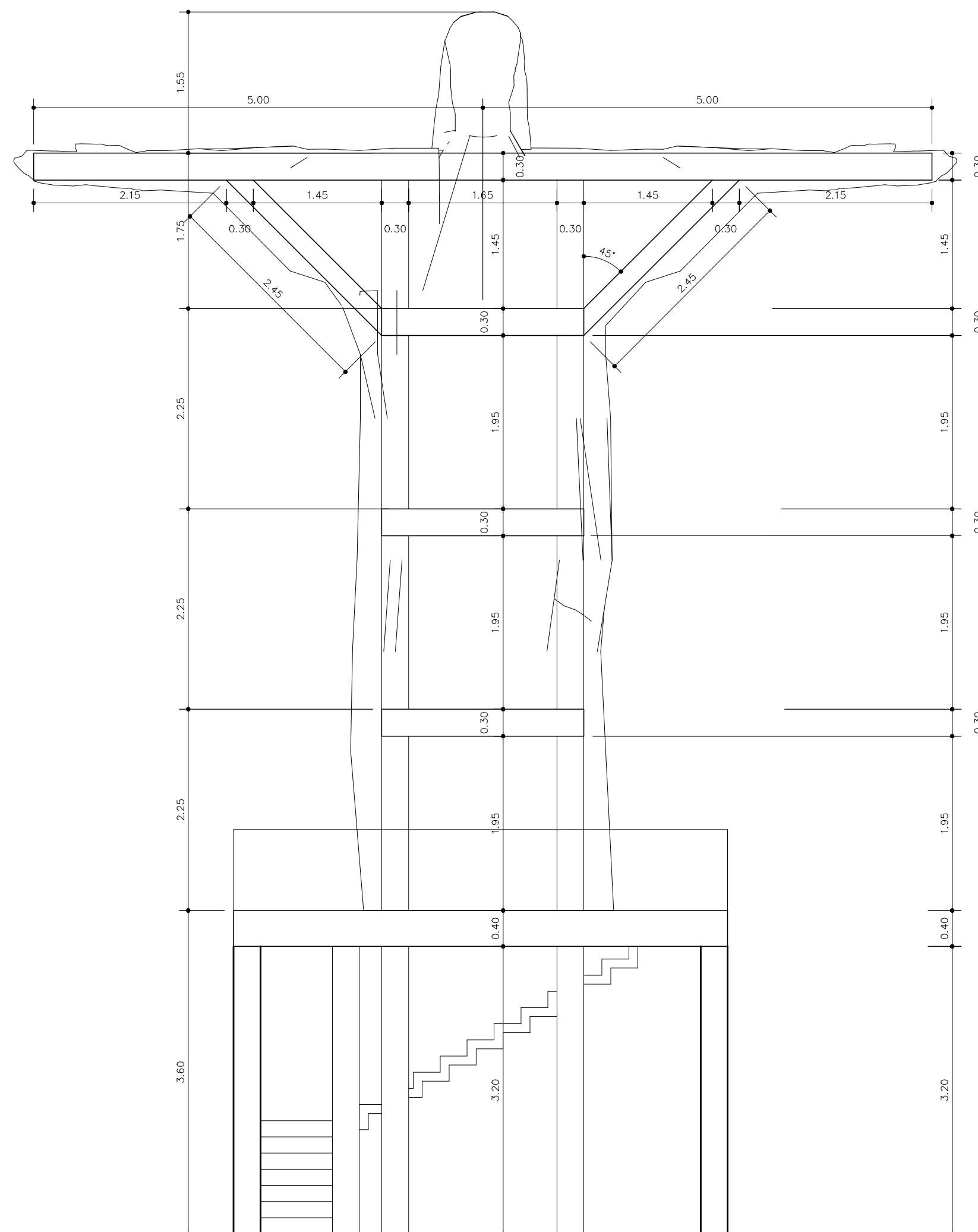
PLANTA BAIXA
2º Nível de Laje
NÍVEL: +8,05M
Escala= 1:25



PLANTA BAIXA
3º Nível de Laje
NÍVEL: +10,30M
Escala= 1:25

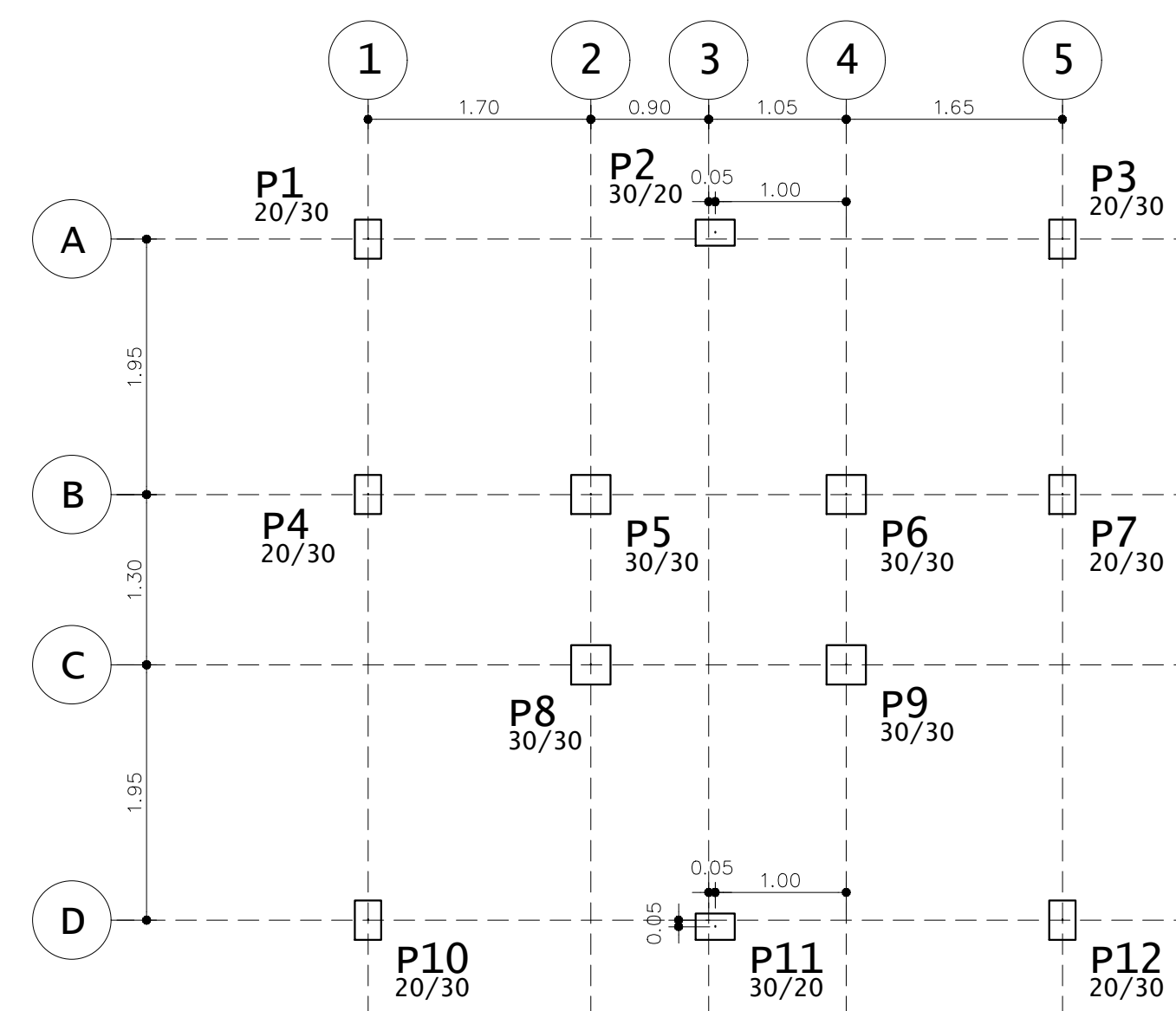


PLANTA BAIXA
4º Nível de Laje
NÍVEL: +12,05M
Escala= 1:25

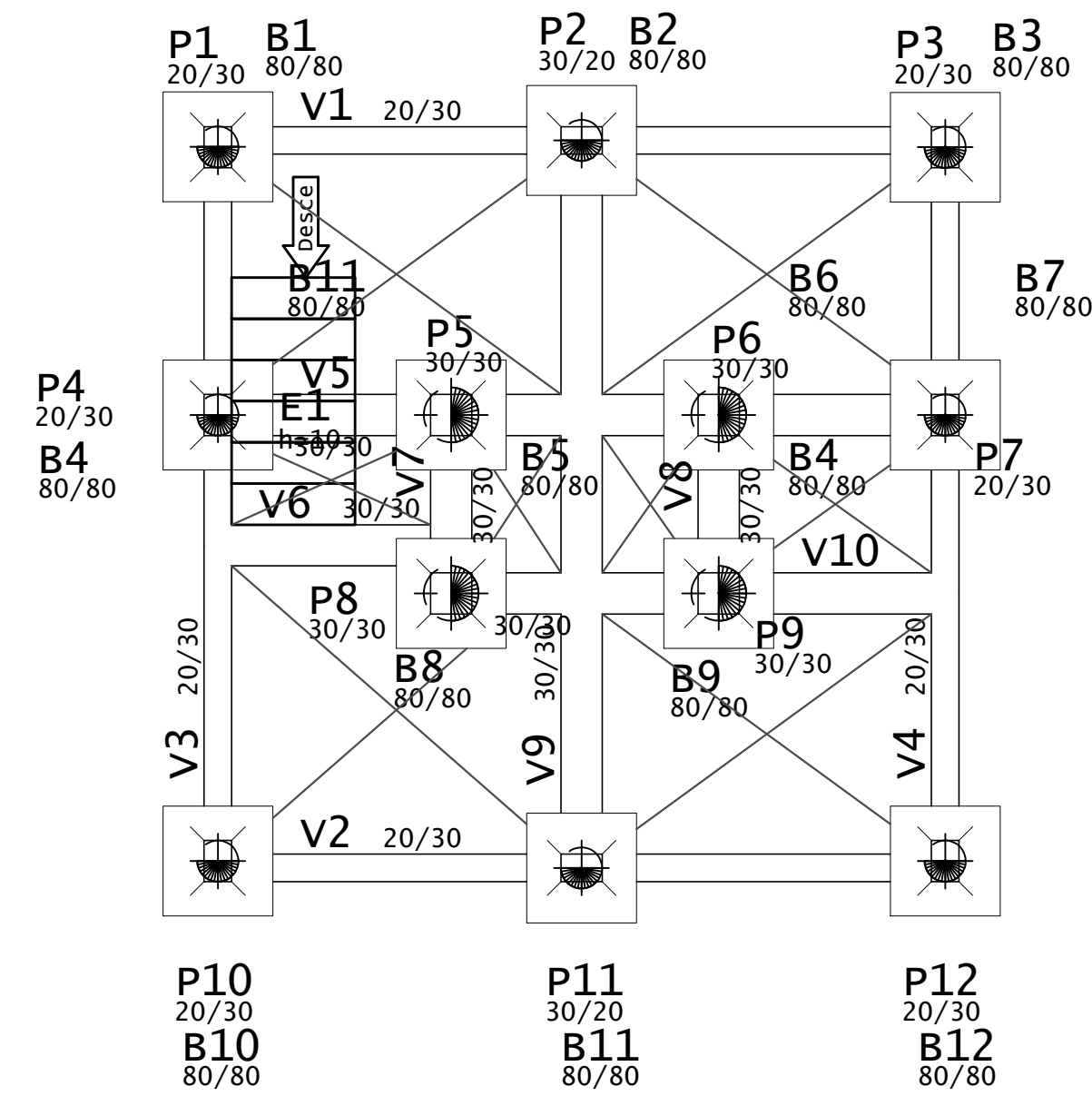


CORTE AA
Escala= 1:50

	PREFEITURA MUNICIPAL DE PIMENTA	
	PROJETO CRISTO REDENTOR CONSTRUÇÃO PÚBLICA	
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO BASE ARQUITETÔNICO E DETALHES	DESENHO: LORRAYNE FREIRE
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D	FOLHA ÚNICA	

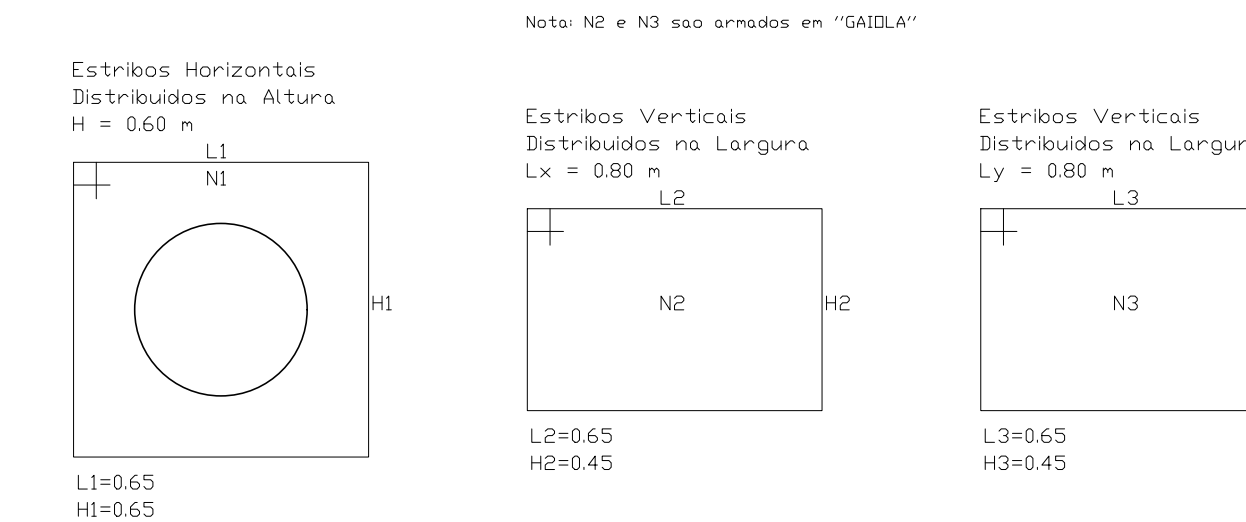
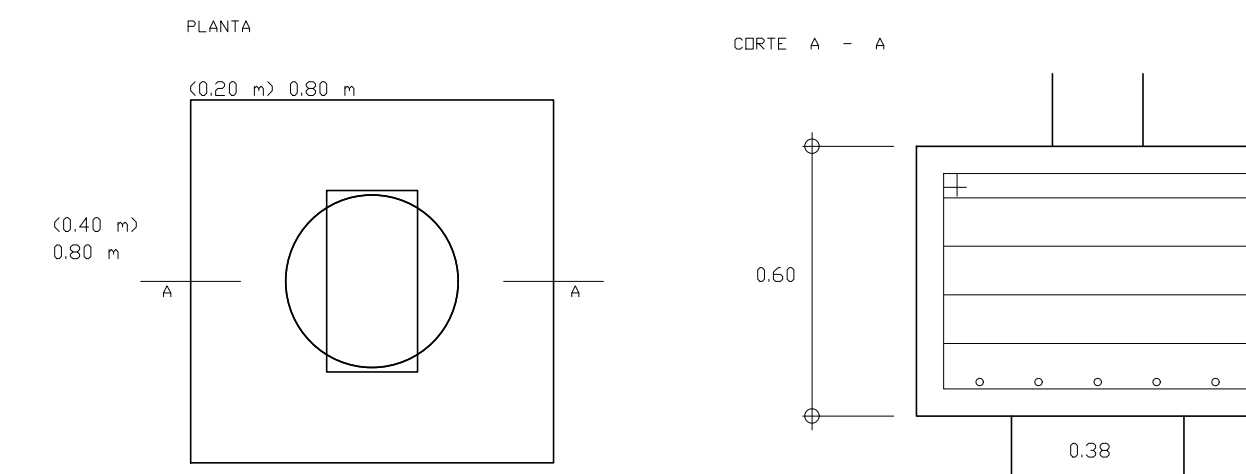


LOCAÇÃO PILARES
ESCALA 1:50



FORMAS FUNDAÇÃO
ESCALA 1:50

BLOCO COM 1 ESTACA DE 40



RESUMO DAS ARMADURAS

Posição	Qtd.	Compr. (m)	Compr. (m)	Compr. (m)	Compr. (m)
N1	4	15,00	2,70	0,80	4,32
N2	5	14,50	2,25	1,45	4,56
N3	5	13,00	2,25	1,45	4,56
TOTAL = 13,48 kgf					

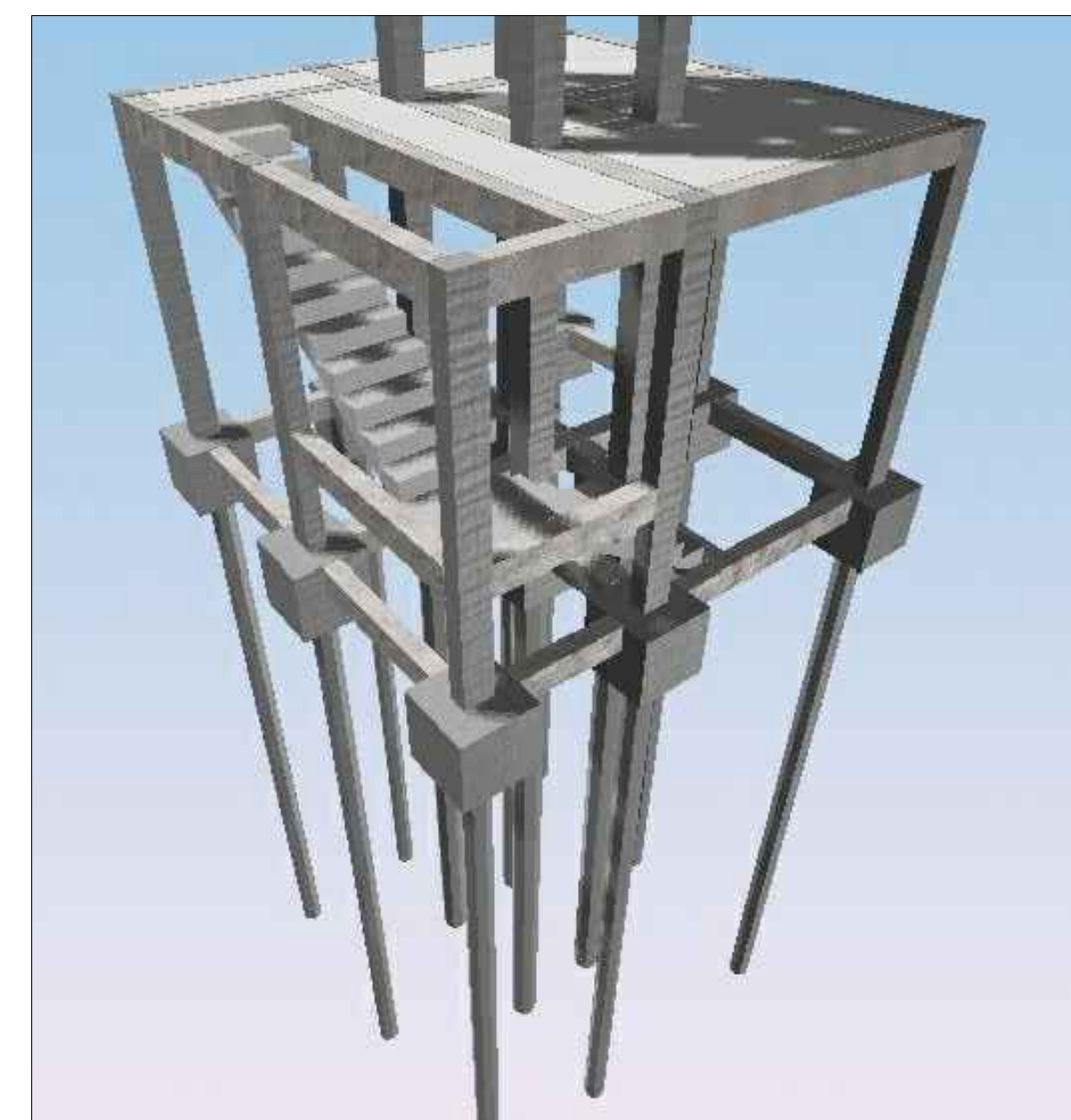
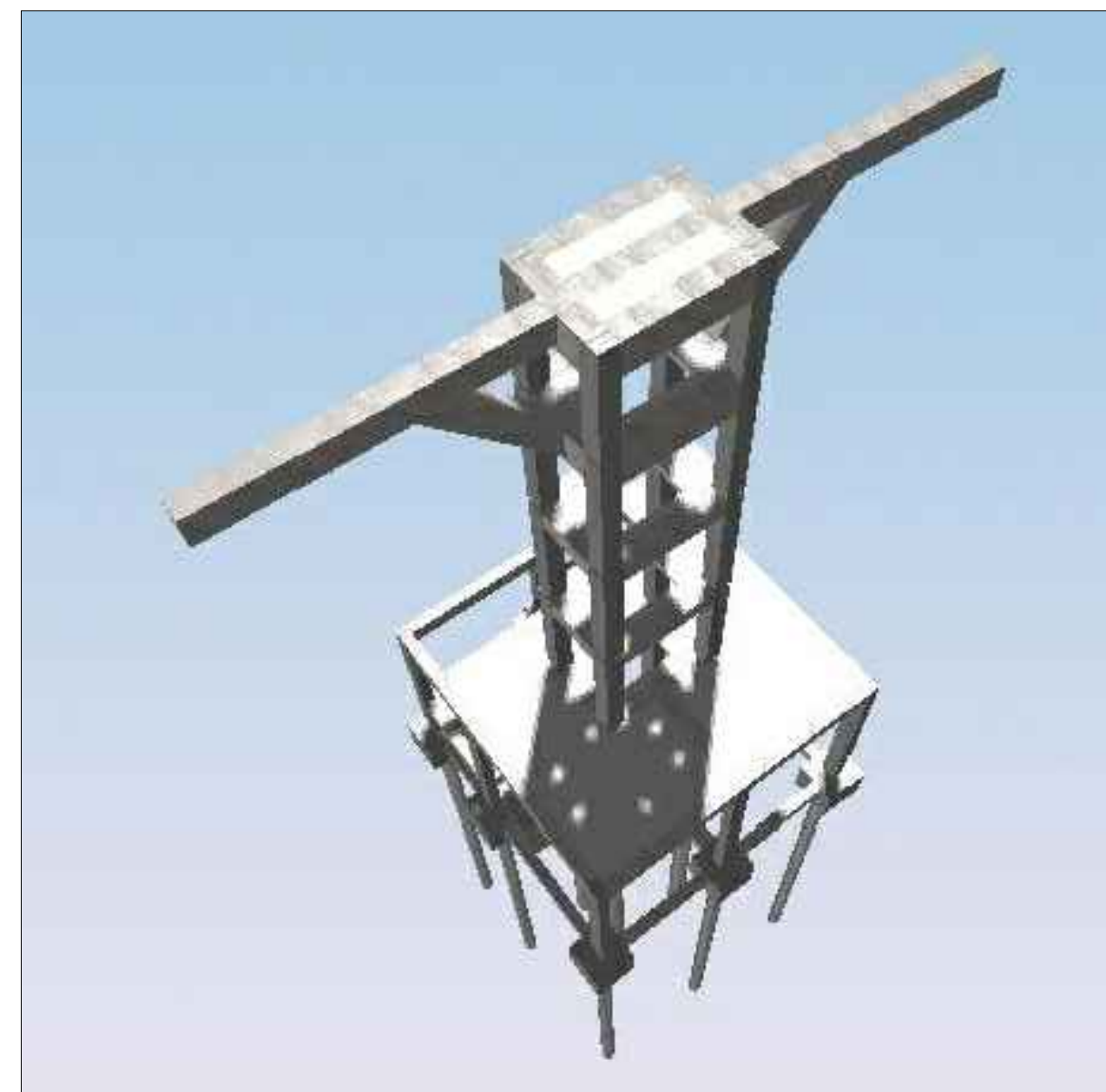
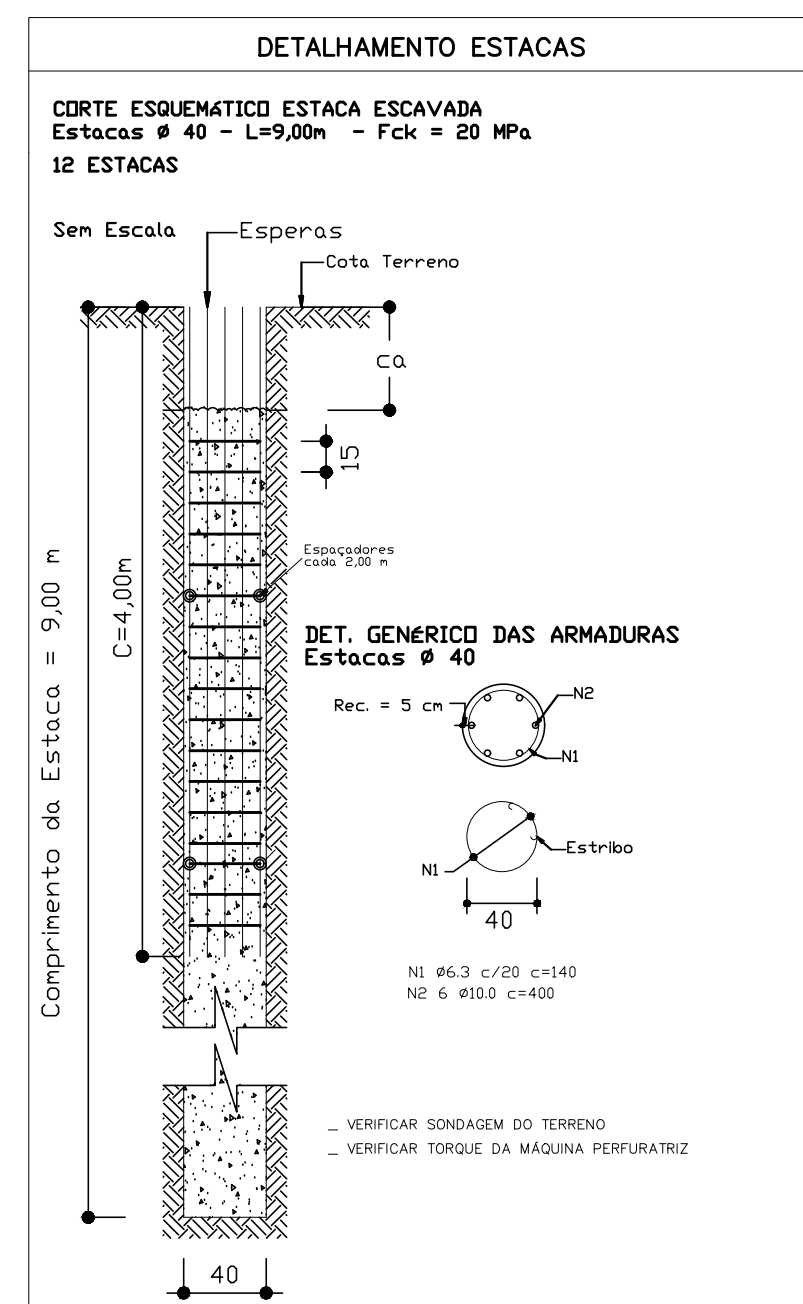
Area de Formas = 1,952 m²
 Volume de Concreto = 0,381 m³
 Aço = Ca 50
 Concreto Fck = 200 kgf/cm²
 Cobrimento das Armaduras = 7,50 cm
 Escala 1 : 20

NOTAS:

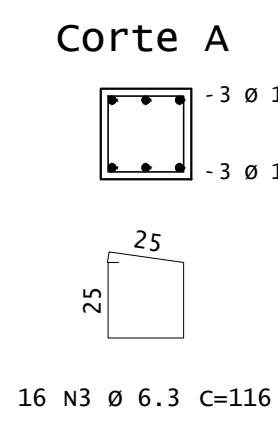
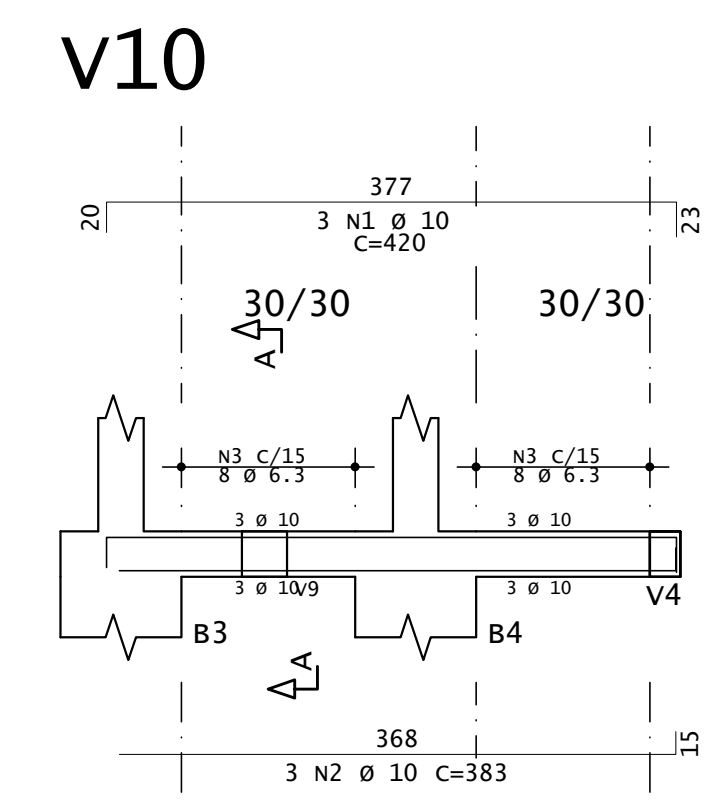
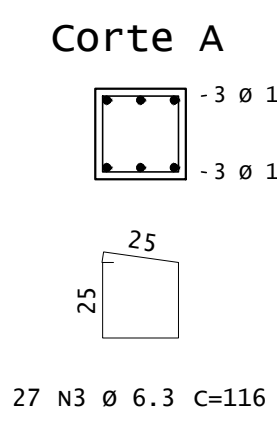
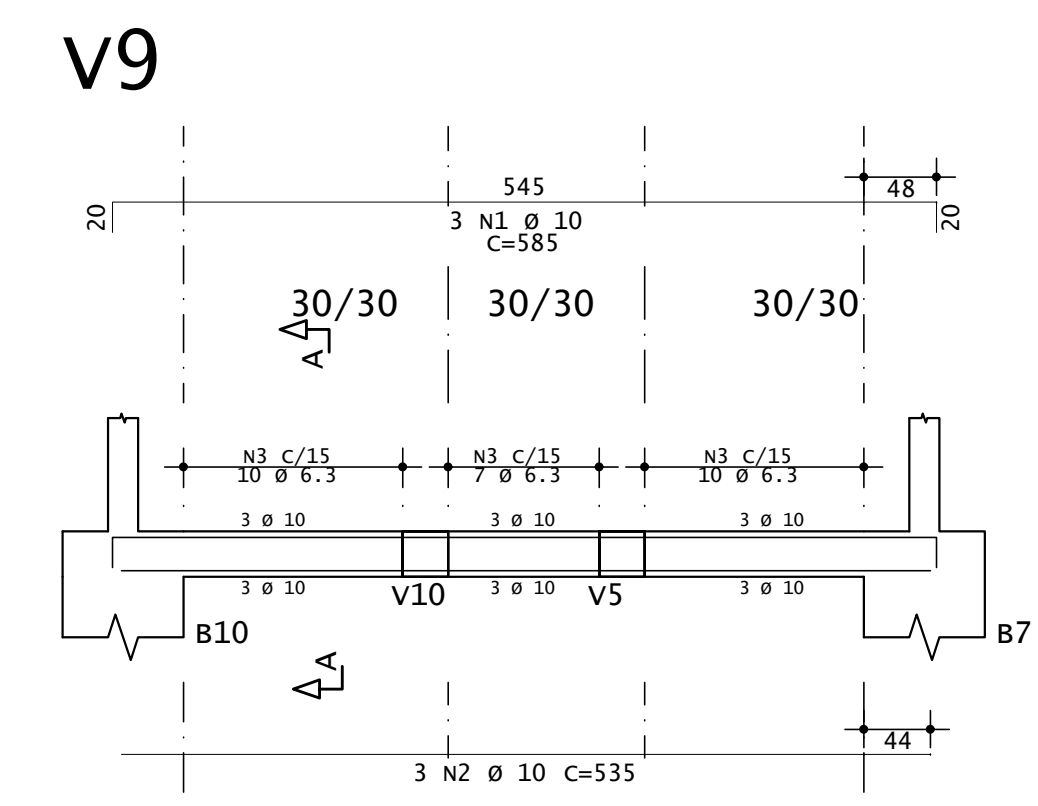
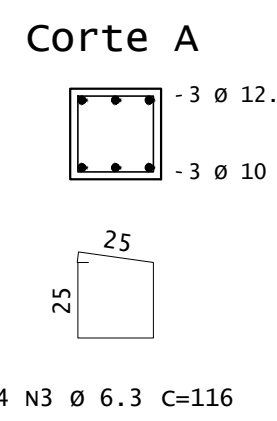
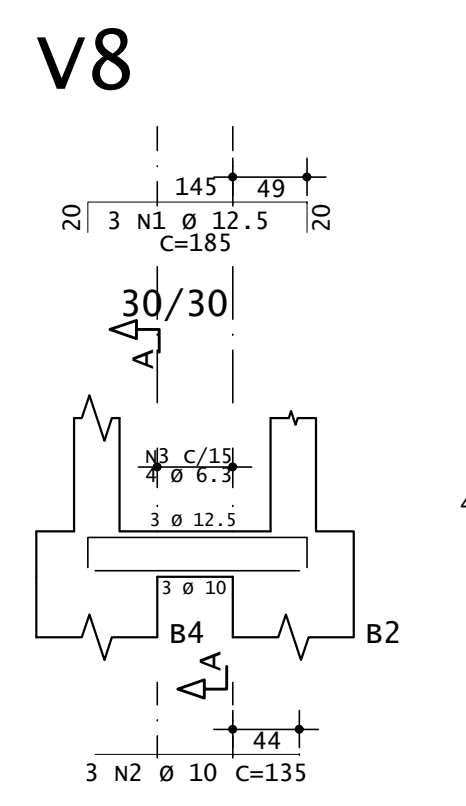
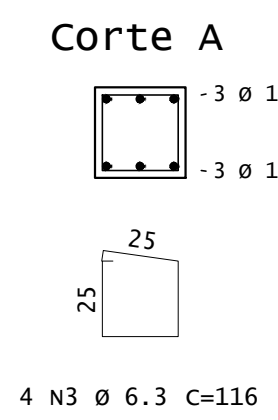
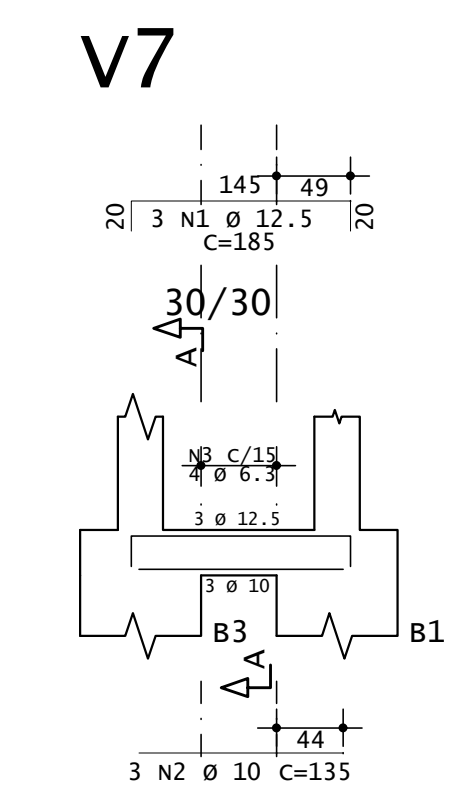
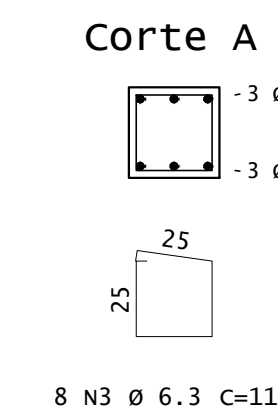
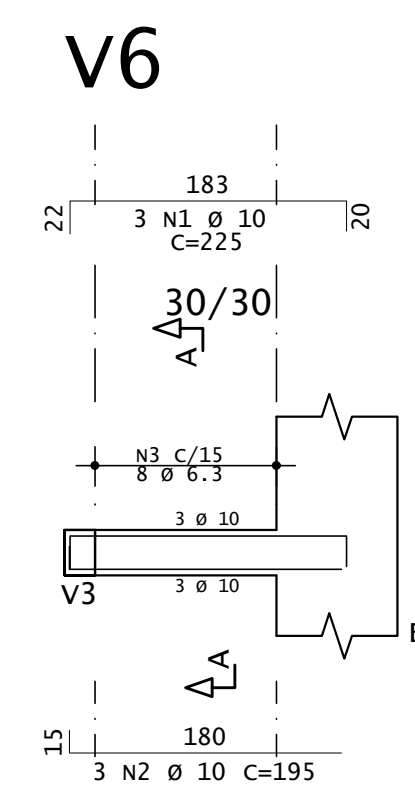
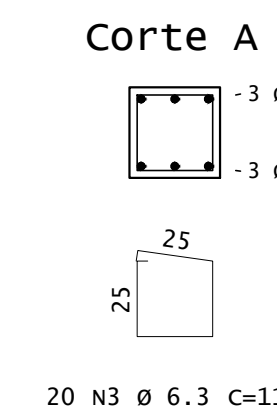
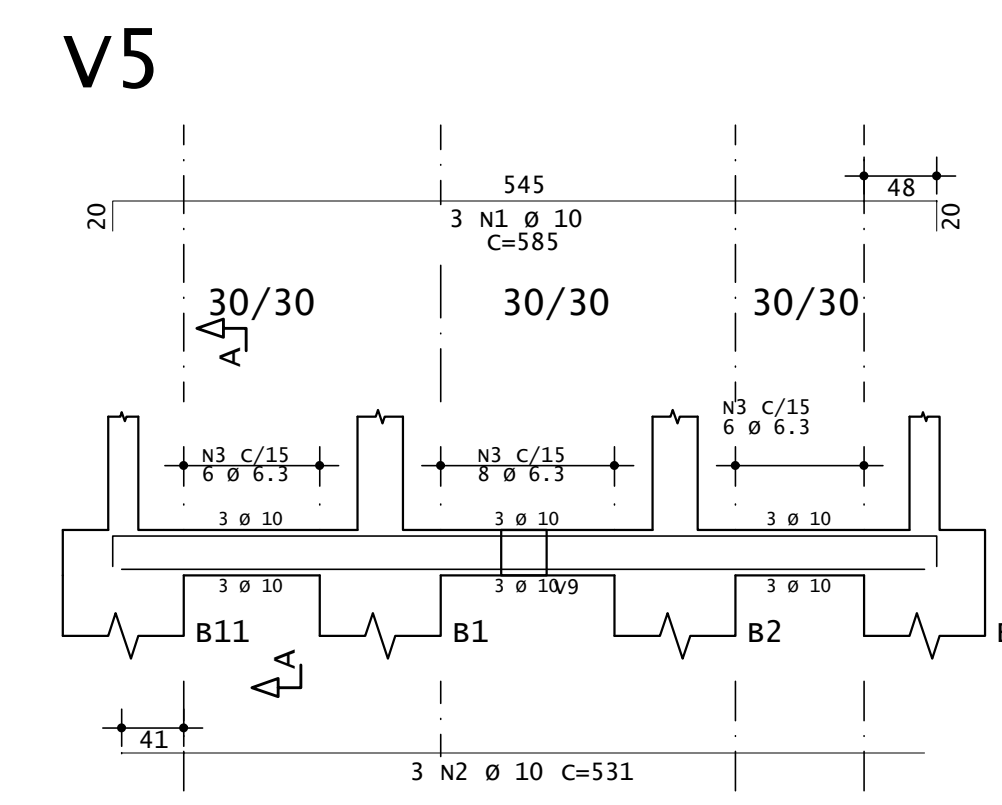
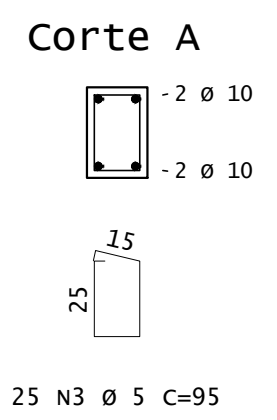
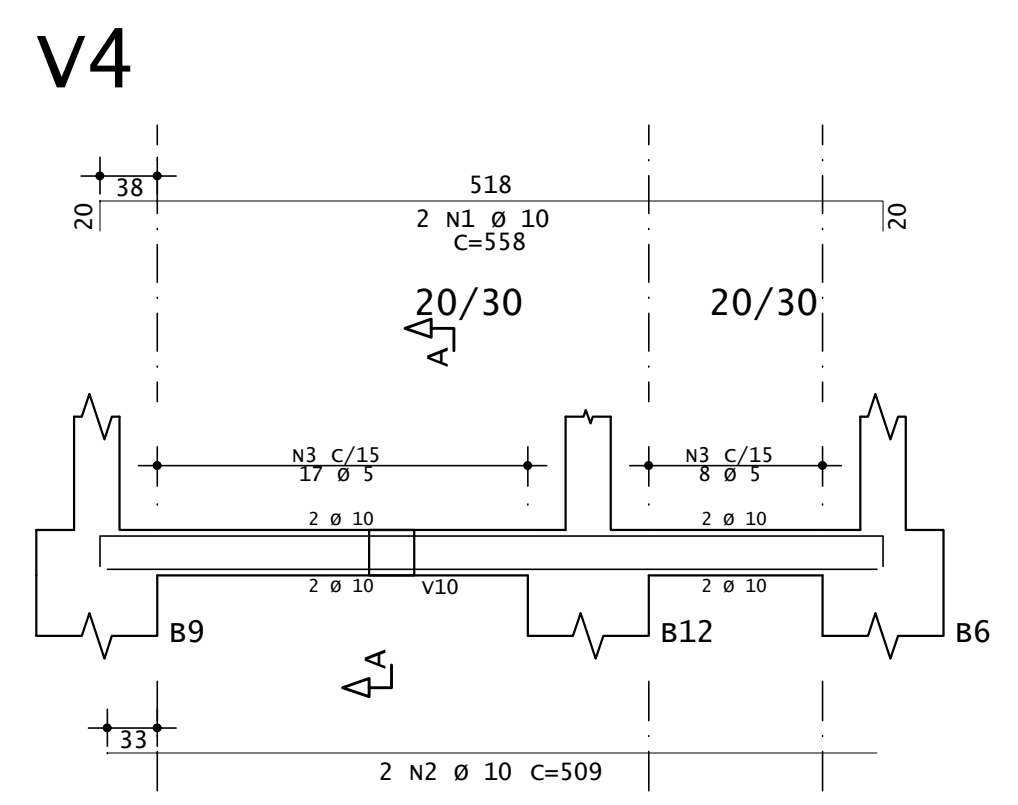
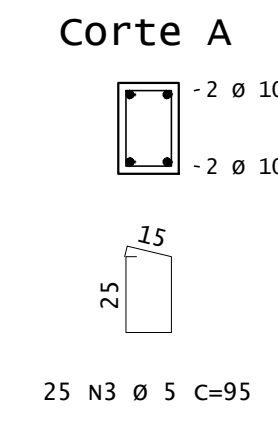
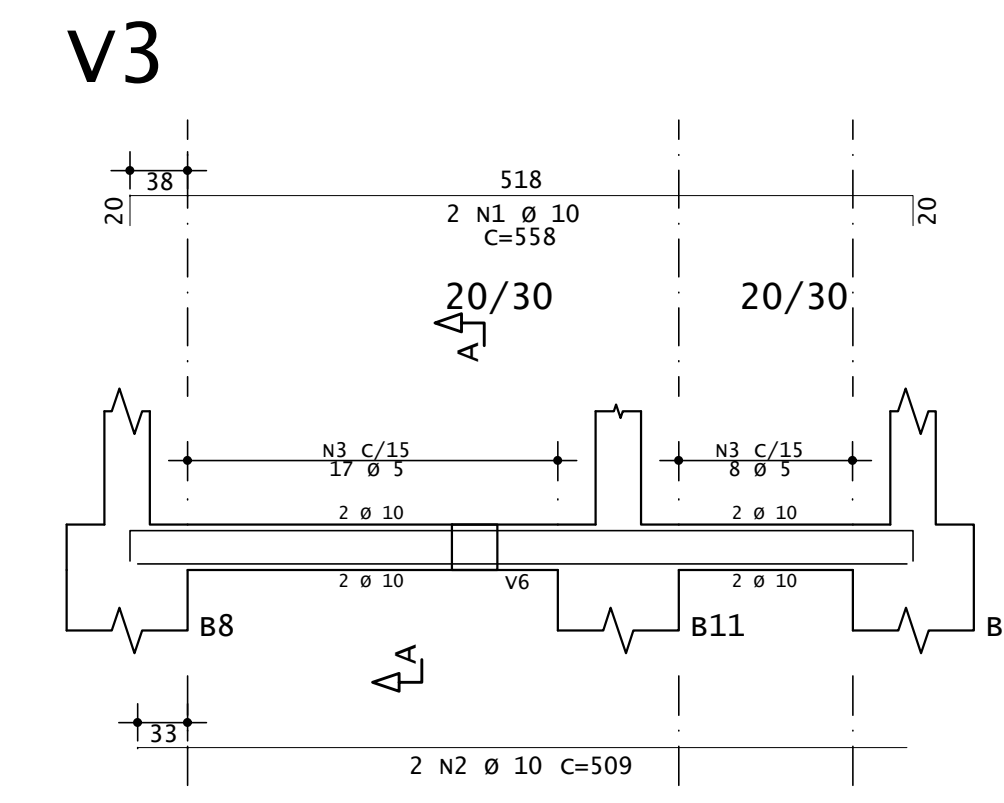
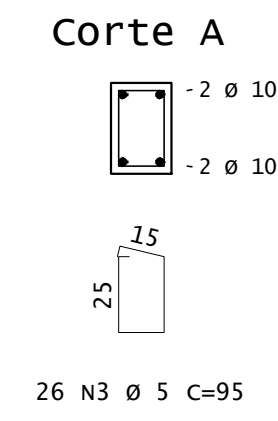
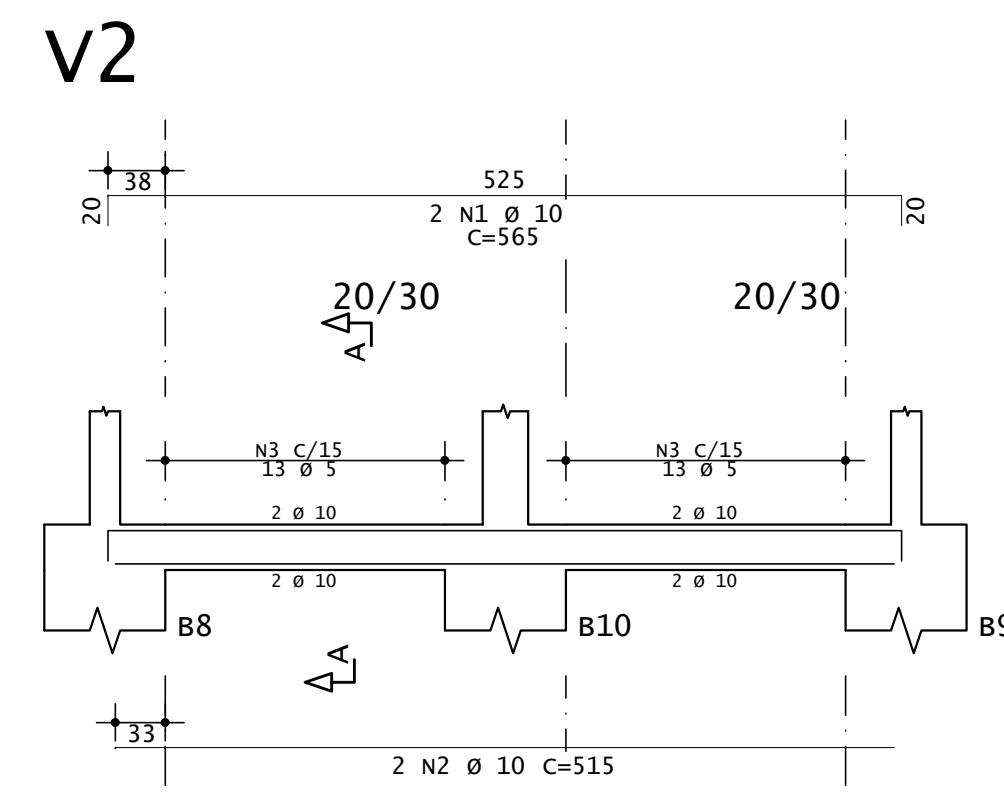
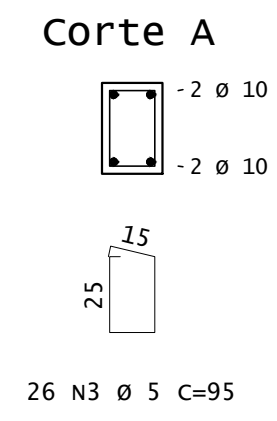
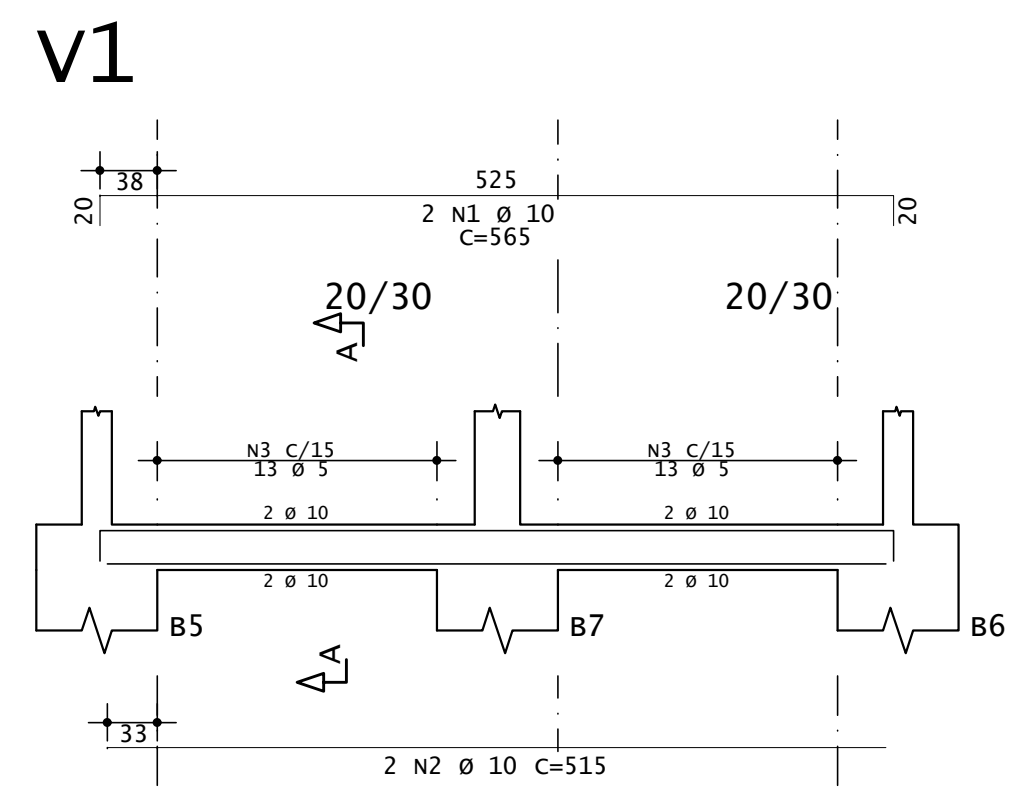
- CONFIRAR MEDIDAS NO LOCAL
- MEDIDAS EM METROS E CENTIMETROS
- FCK LAJES = 30MPA
- DETALHES VIGAS EM PRACHA ANEXO
- RETRADA ESCORAMENTO:
- FORRO LAJE: 15 DIAS
- FUNDO DE VIGAS: 28 DIAS

LEGENDA/PILARES

- PILAR QUE NASCE
- PILAR QUE CONTINUA
- PILAR QUE MORRE



	PREFEITURA MUNICIPAL DE PIMENTA	
	PROJETO CRISTO REDENTOR CONSTRUÇÃO PÚBLICA	
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL LOCAÇÃO PILARES	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D	FOLHA 01/09	



AÇO	POS	BIT	QUANT	COMPRIMENTO		
				UNIT	TOTAL	
		mm		cm	cm	
V1	50A	1	10	2	565	1130
	50A	2	10	2	515	1030
	60A	3	5	26	95	2470
V2	50A	1	10	2	565	1130
	50A	2	10	2	515	1030
	60A	3	5	26	95	2470
V3	50A	1	10	2	558	1116
	50A	2	10	2	509	1018
	60A	3	5	25	95	2375
V4	50A	1	10	2	558	1116
	50A	2	10	2	509	1018
	60A	3	5	25	95	2375
V5	50A	1	10	3	585	1755
	50A	2	10	3	511	1533
	50A	3	6.3	20	116	2320
V6	50A	1	10	3	225	675
	50A	2	10	3	195	585
	50A	3	6.3	8	116	928
V7	50A	1	12.5	3	185	555
	50A	2	10	3	135	405
	50A	3	6.3	4	116	464
V8	50A	1	12.5	3	185	555
	50A	2	10	3	135	405
	50A	3	6.3	4	116	464
V9	50A	1	10	3	585	1755
	50A	2	10	3	535	1605
	50A	3	6.3	27	116	3132
V10	50A	1	10	3	420	1260
	50A	2	10	3	383	1149
	50A	3	6.3	16	116	1856

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	97	15
50A	6.3	92	22
50A	10	198	122
50A	12.5	11	11
Peso Total		60A =	15 kgf
Peso Total		50A =	155 kgf

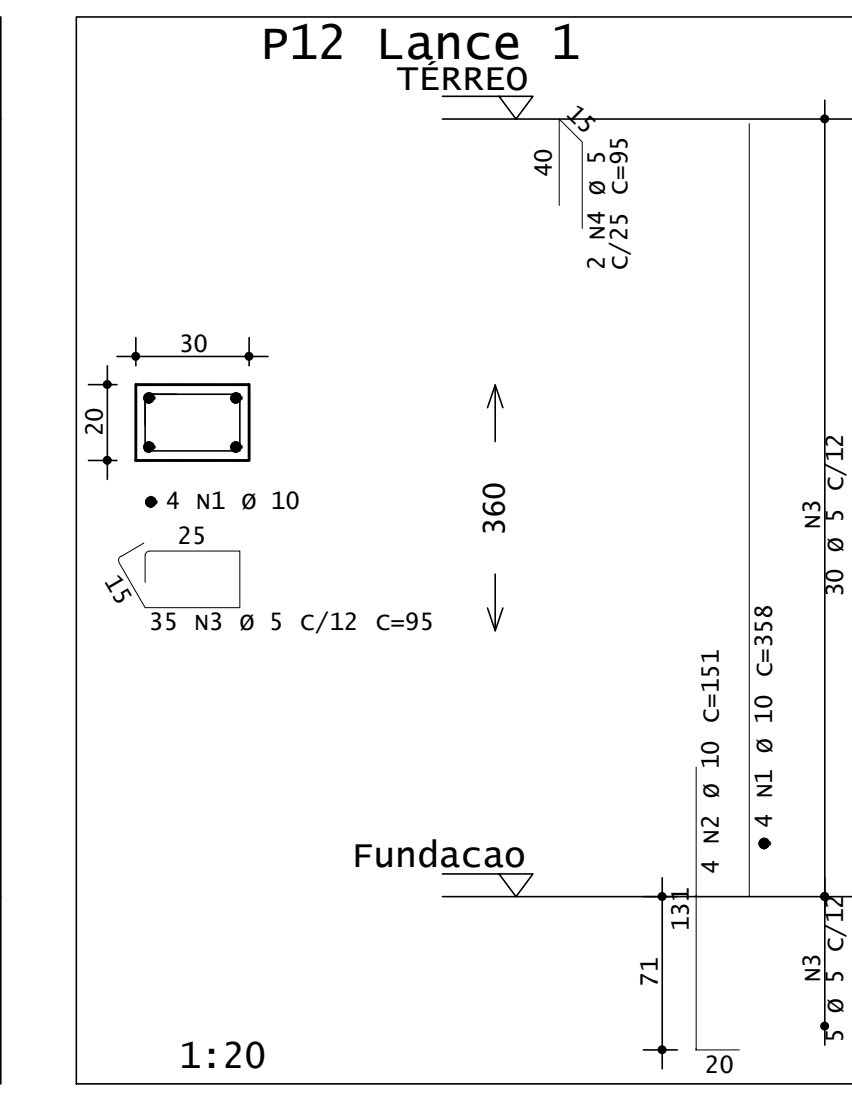
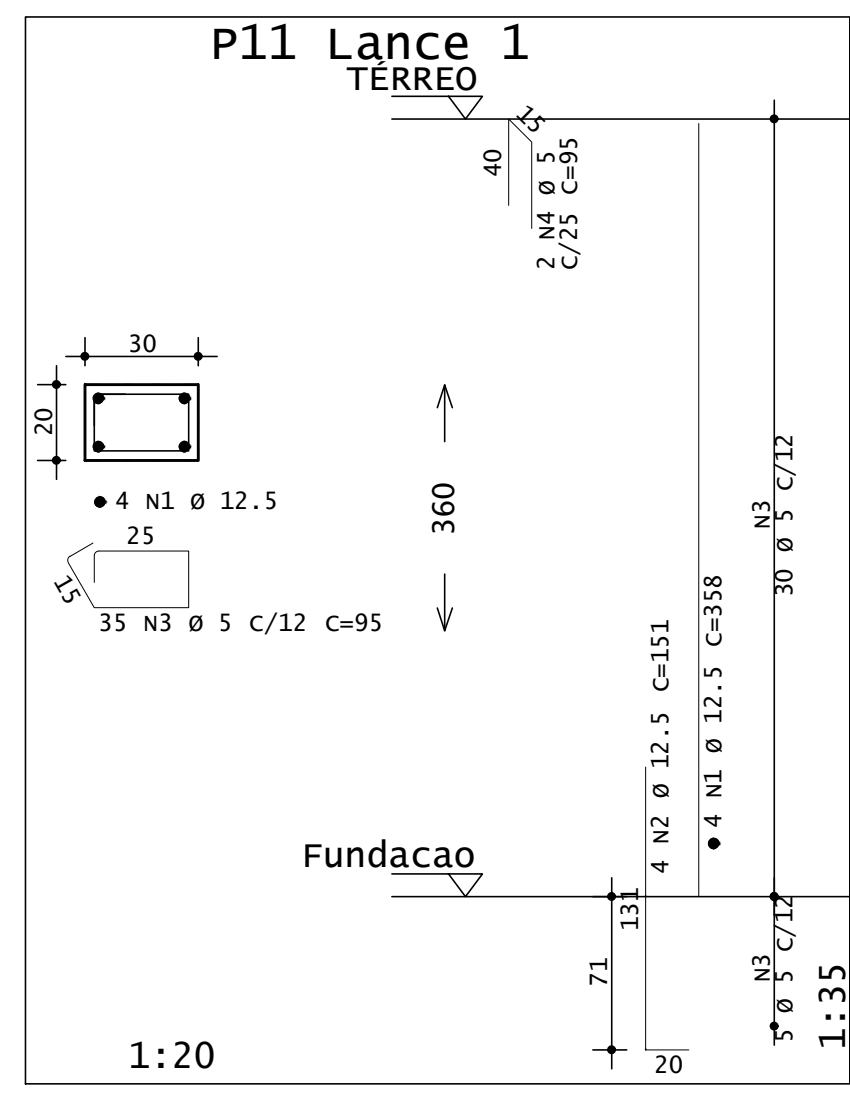
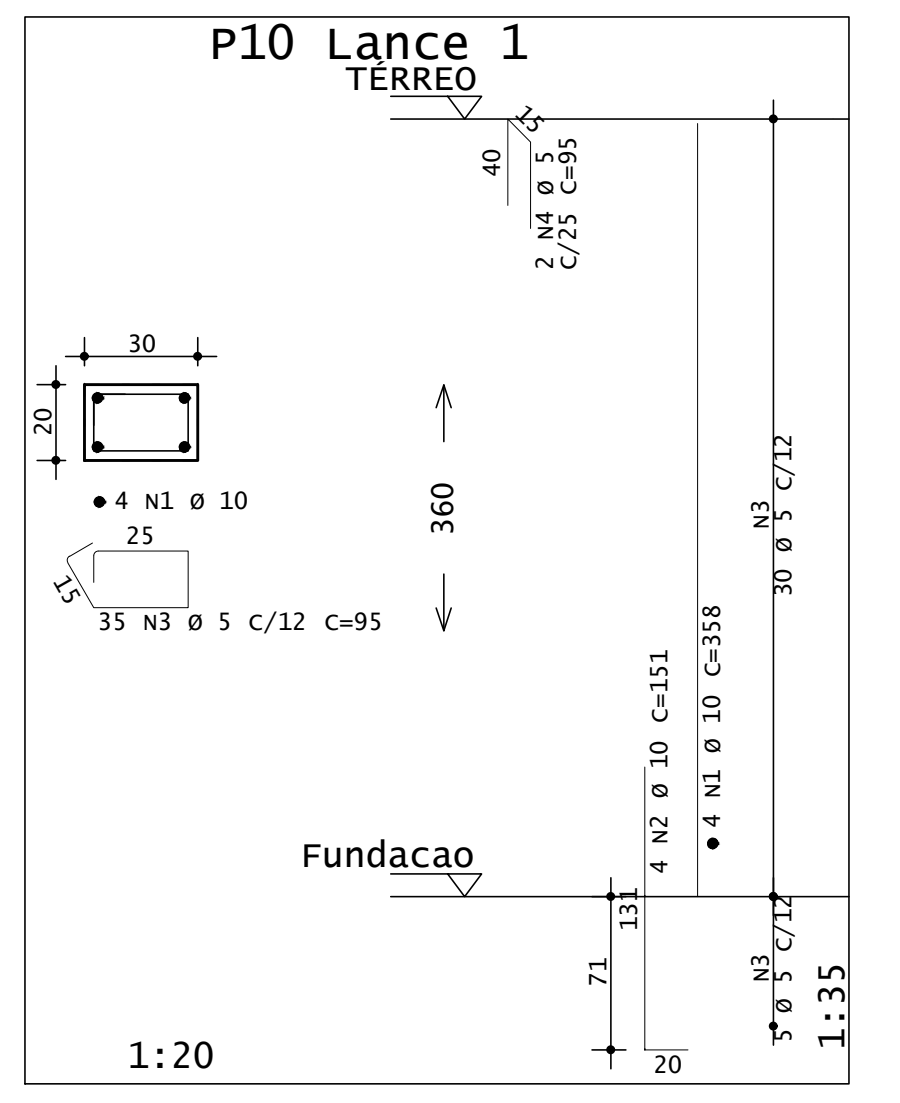
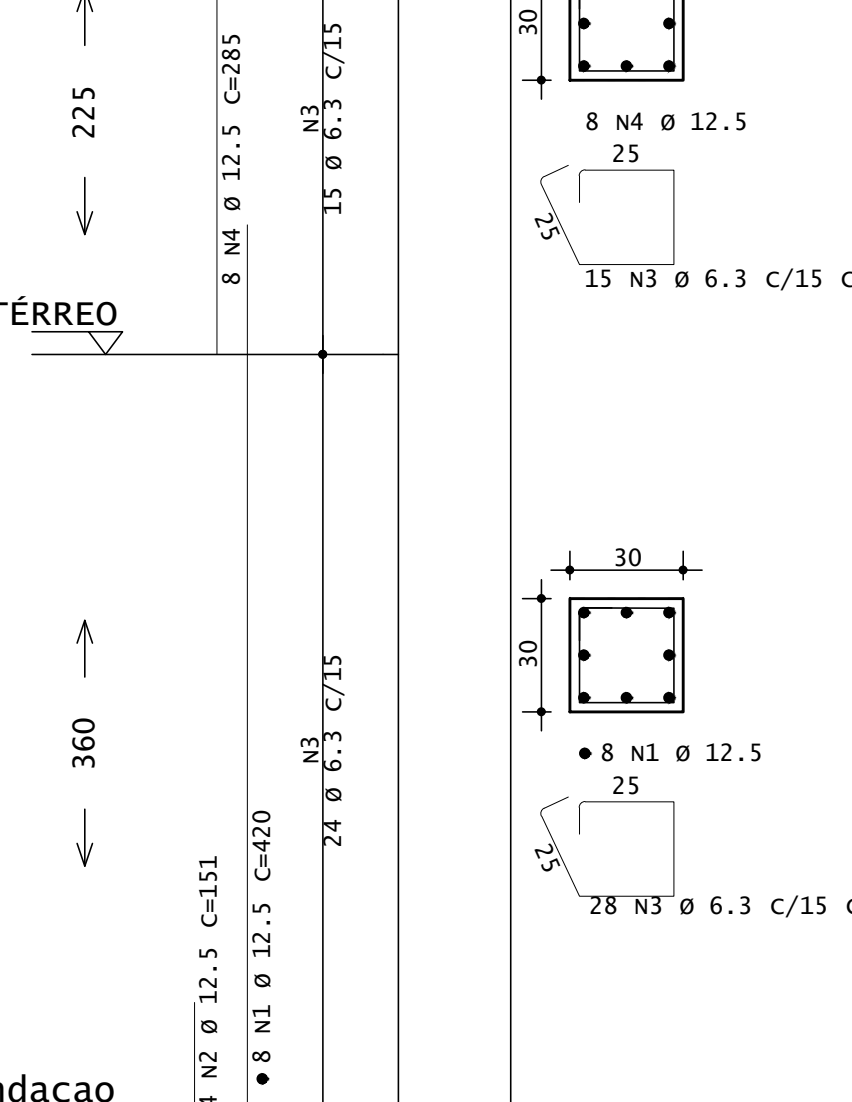
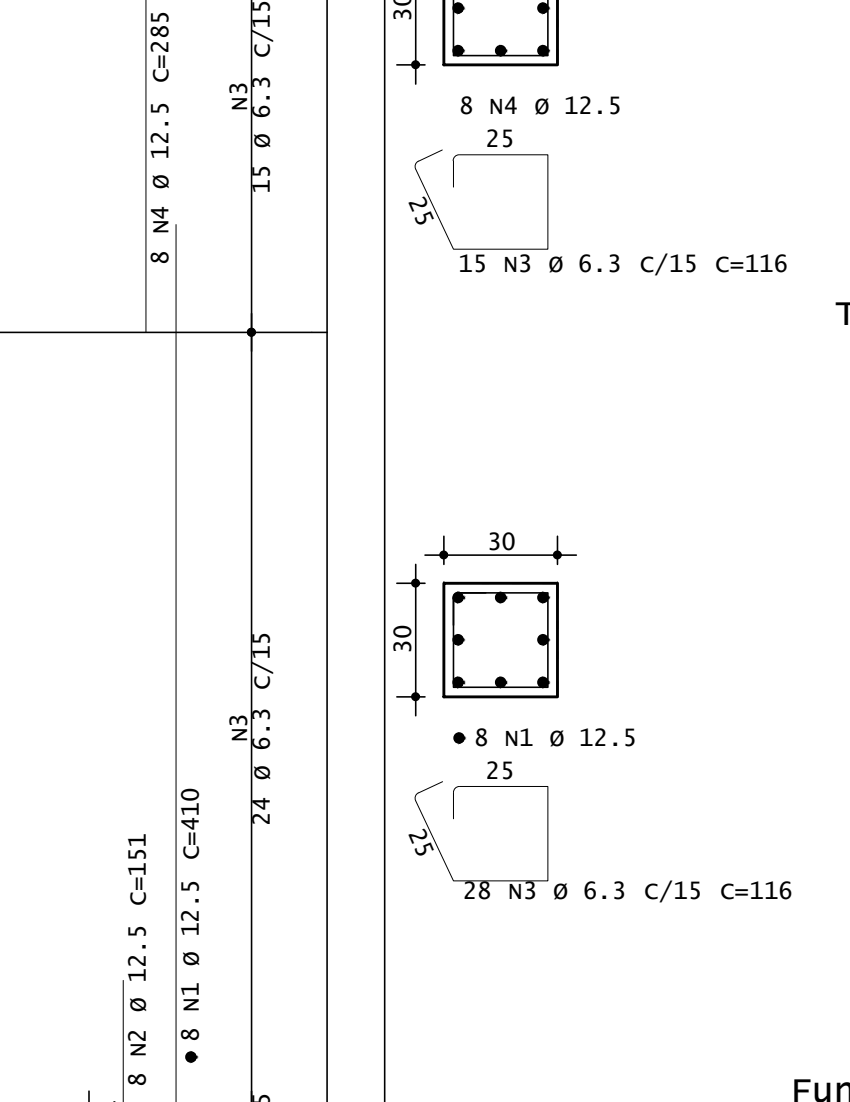
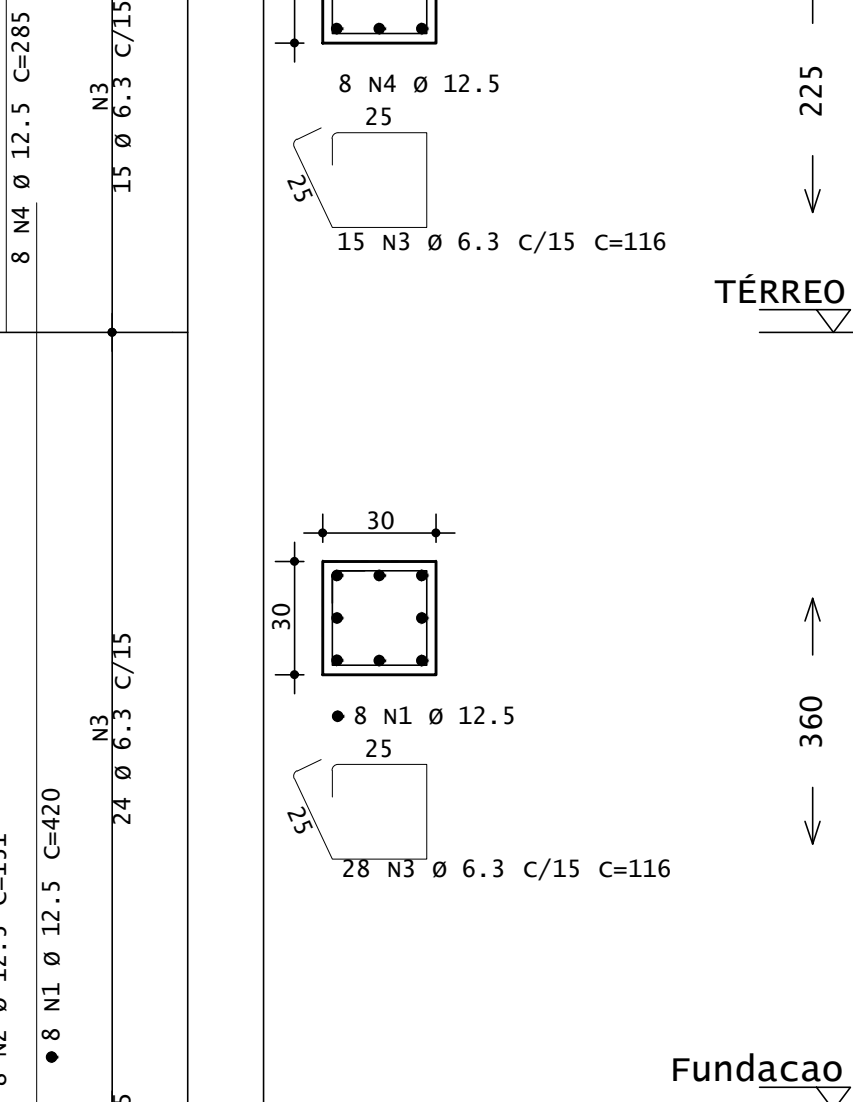
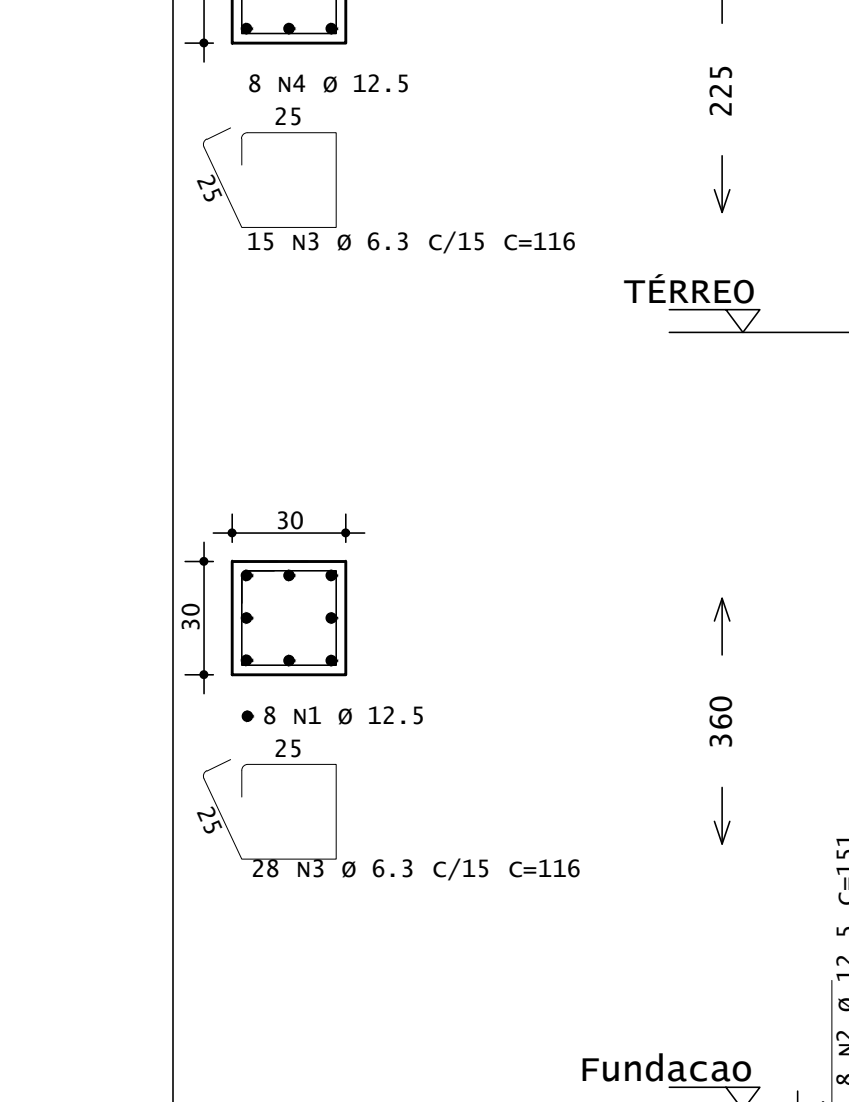
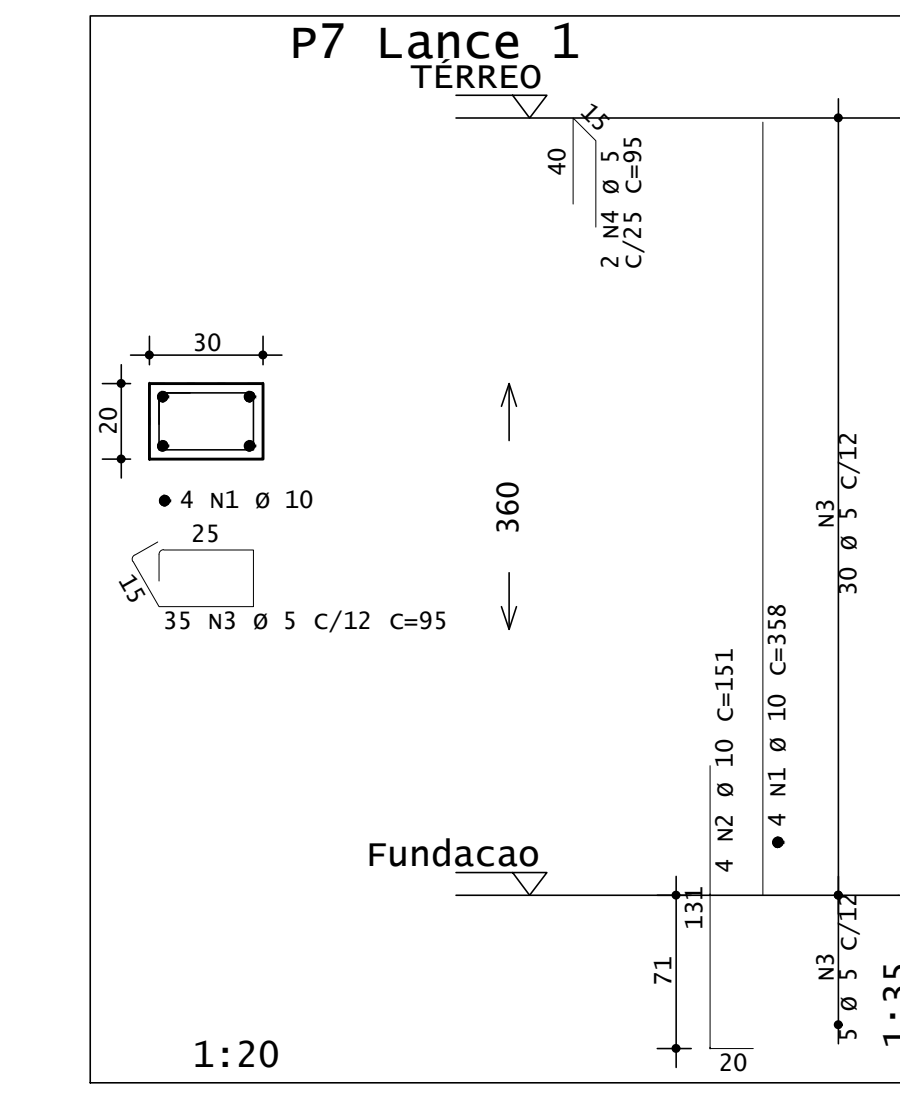
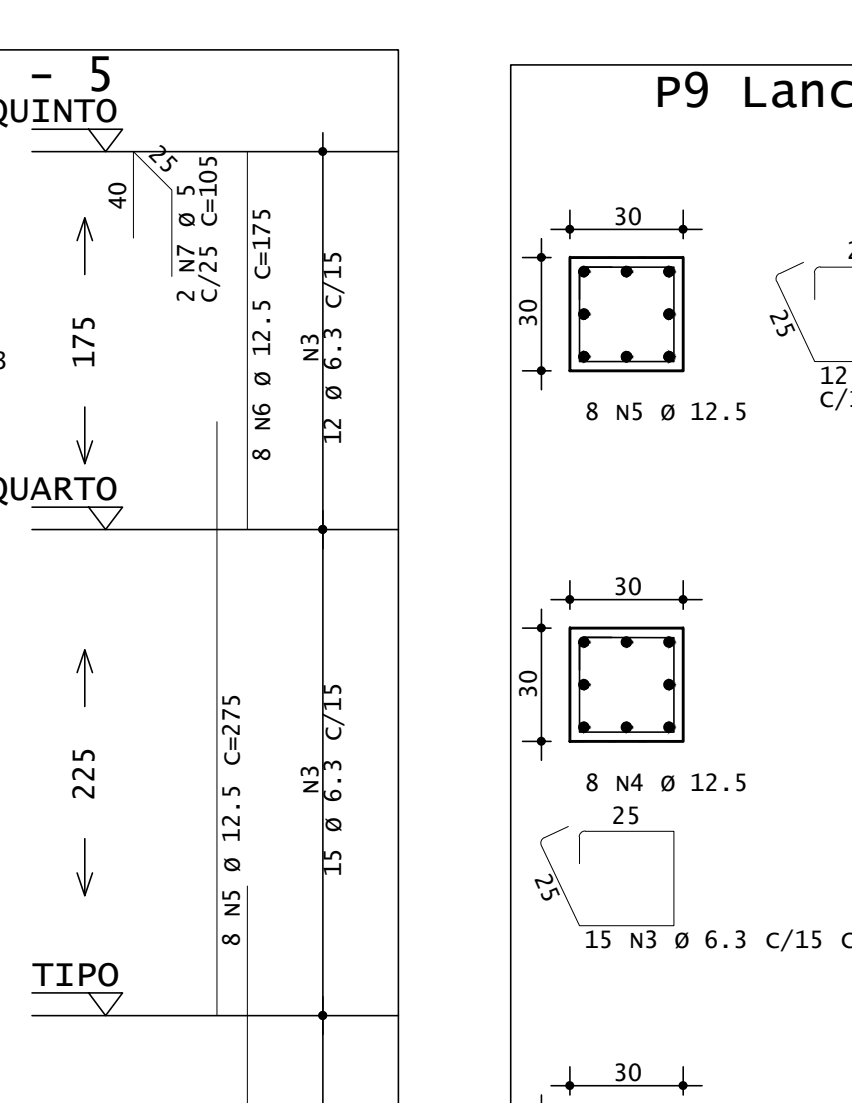
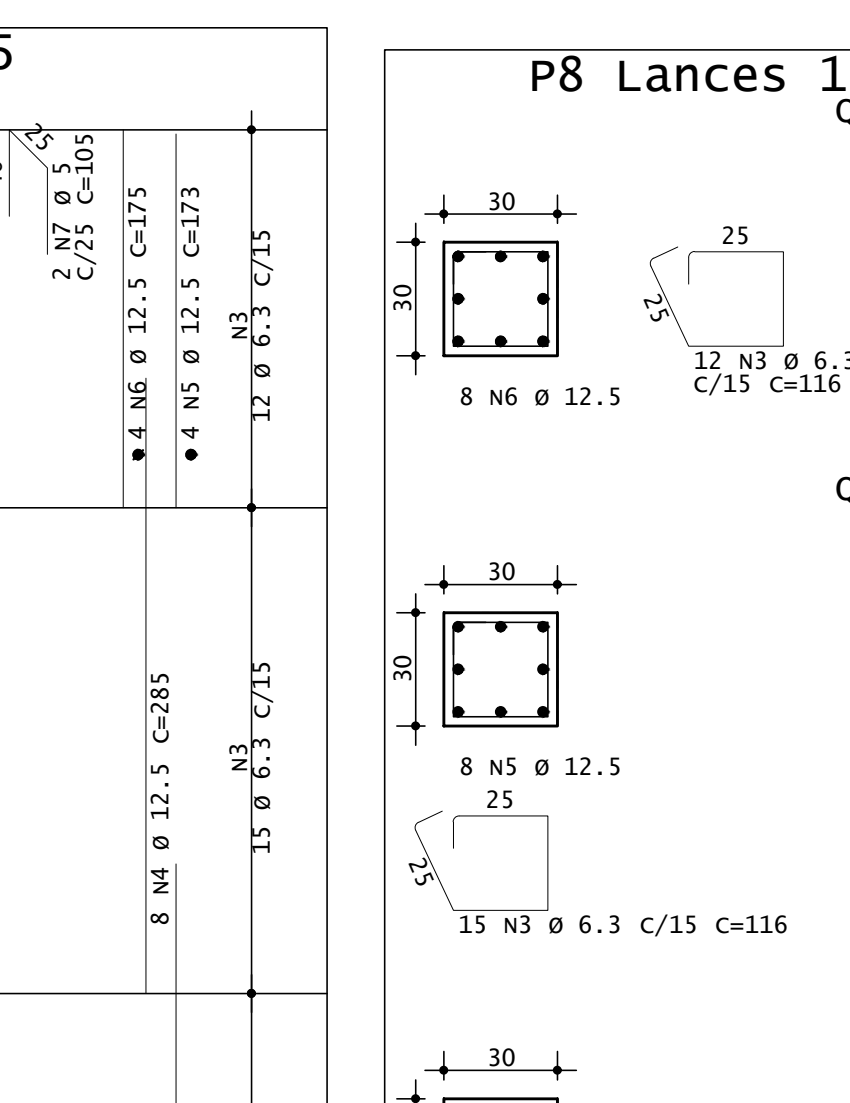
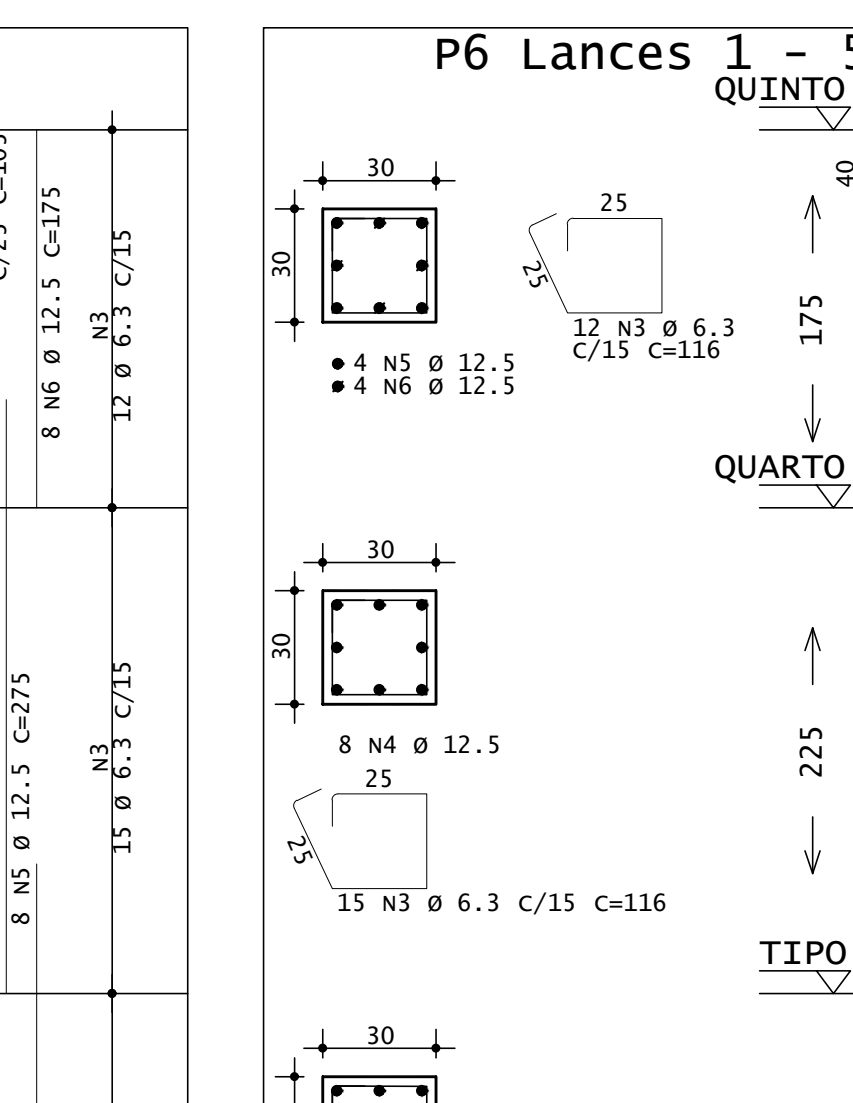
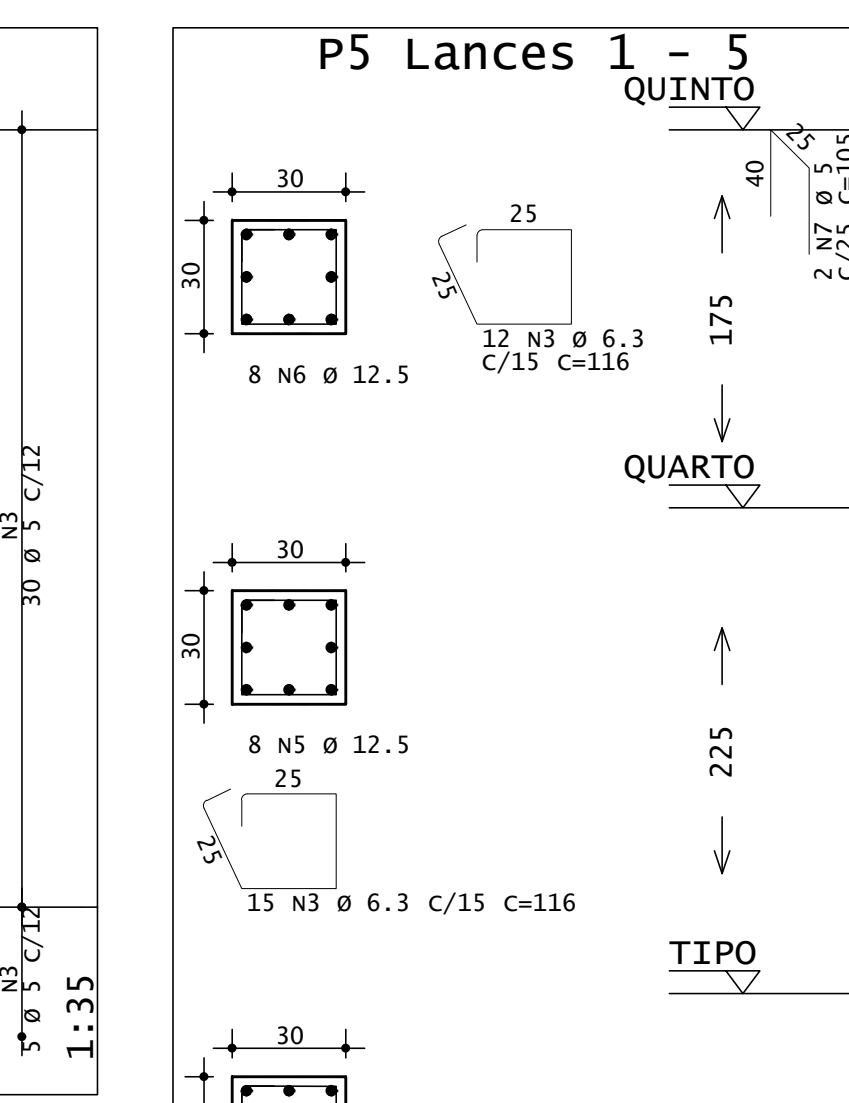
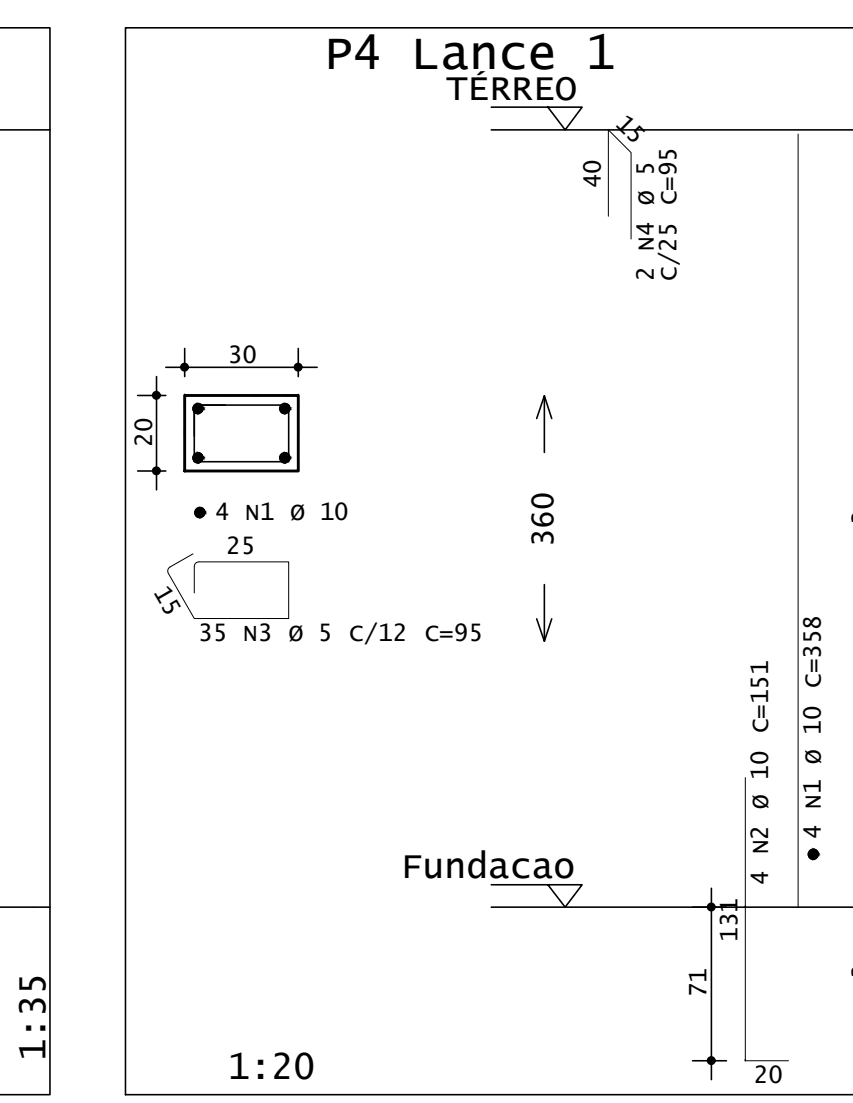
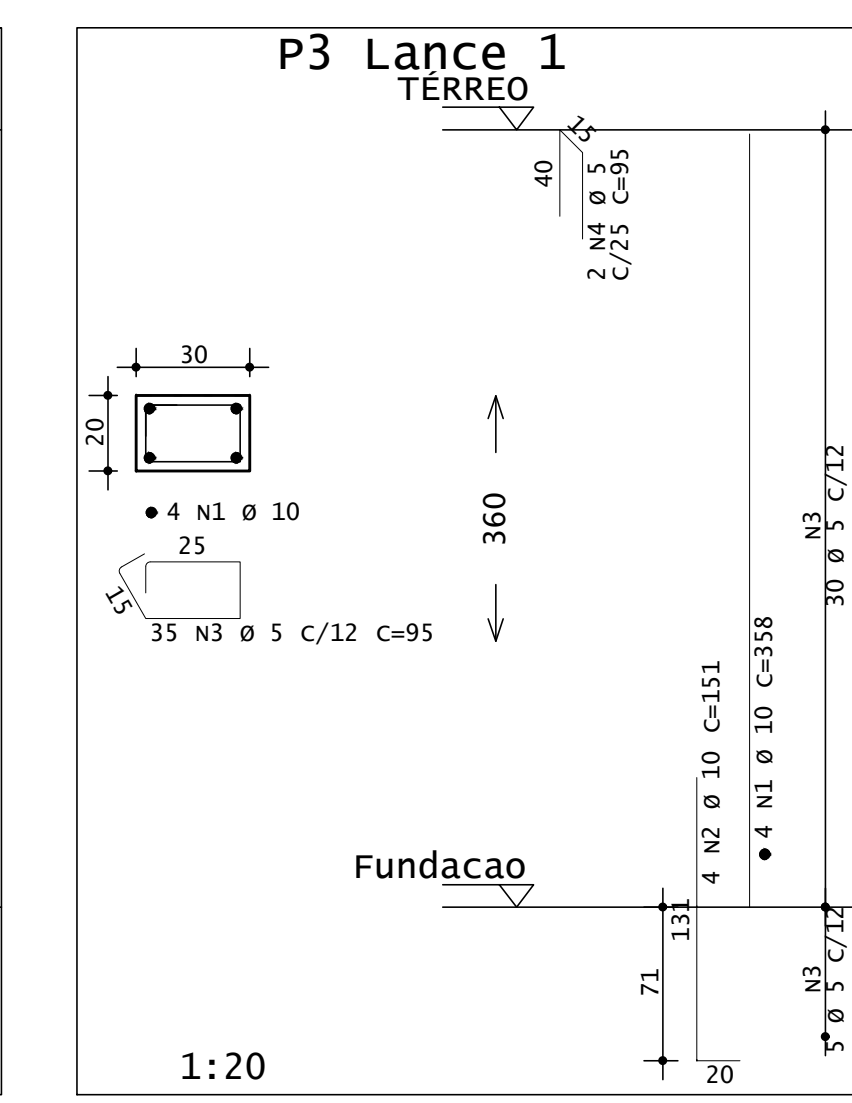
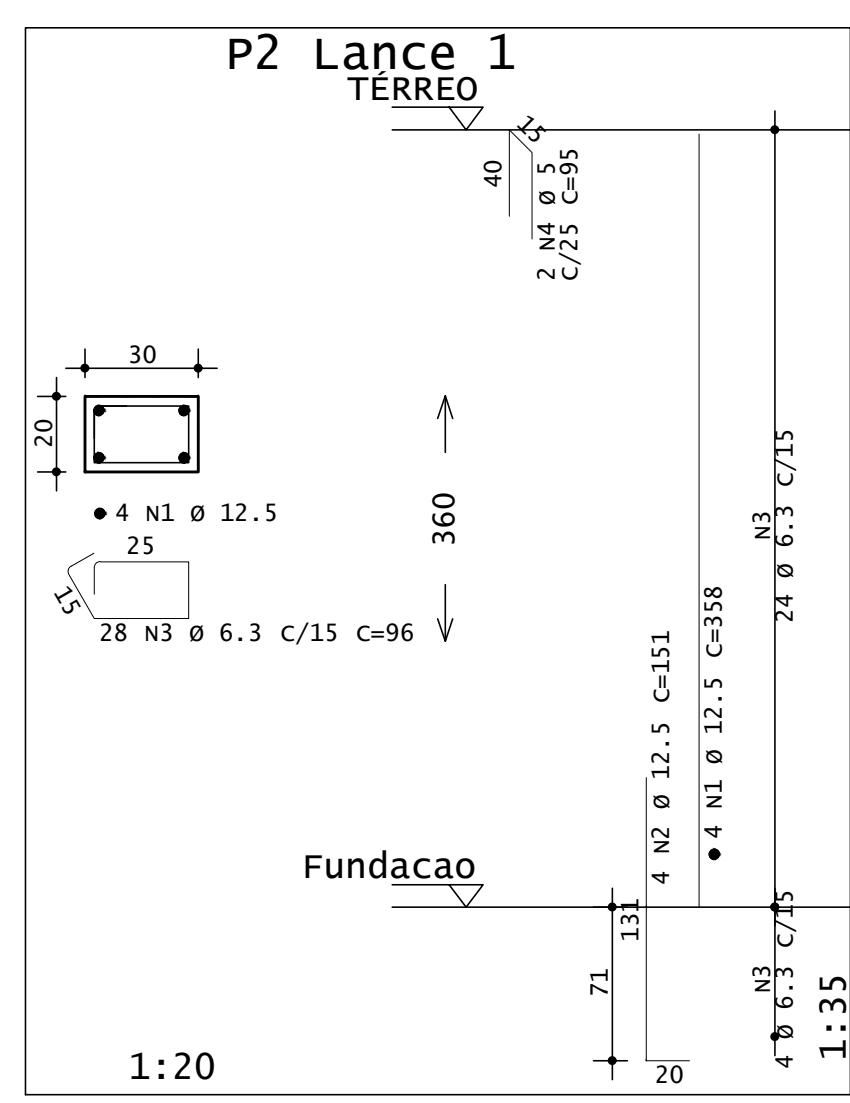
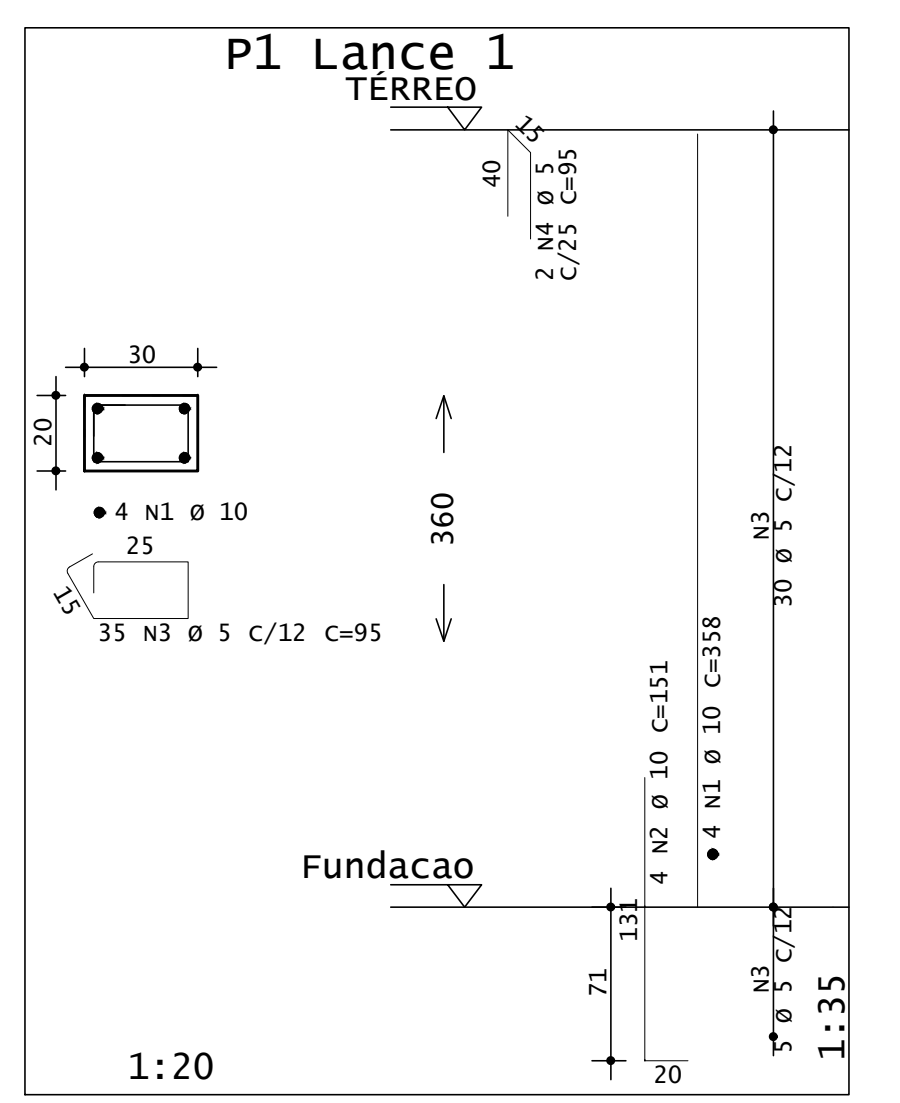


PIMENTA

PREFEITURA MUNICIPAL DE PIMENTA

PROJETO CRISTO REDENTOR
CONSTRUÇÃO PÚBLICA

ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL VIGAS FUNDAÇÃO	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D		FOLHA 02/09



LAÇO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	cm
P1 Lance 1						
50A	1	10	4	358	1432	
50A	2	12.5	8	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	
P2 Lance 1						
50A	1	12.5	4	358	1432	
50A	2	12.5	4	151	604	
60A	3	6.3	28	96	2688	
60A	4	5	2	95	190	
P3 Lance 1						
50A	1	10	4	358	1432	
50A	2	10	4	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	
P4 Lance 1						
50A	1	10	4	358	1432	
50A	2	10	4	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	
P5 Lances 1 - 5						
50A	1	12.5	8	420	3360	
50A	2	12.5	8	151	1208	
50A	3	6.3	85	116	9860	
50A	4	12.5	16	285	4560	
50A	5	12.5	24	285	6840	
50A	6	12.5	8	175	1400	
60A	7	5	2	105	210	
P6 Lances 1 - 5						
50A	1	12.5	8	410	3280	
50A	2	12.5	8	151	1208	
50A	3	6.3	85	116	9860	
50A	4	12.5	24	285	6840	
50A	5	12.5	8	175	1400	
60A	6	5	2	105	210	
P7 Lance 1						
50A	1	10	4	358	1432	
50A	2	10	4	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	
P8 Lances 1 - 5						
50A	1	12.5	8	420	3360	
50A	2	12.5	8	151	604	
50A	3	6.3	85	116	9860	
50A	4	12.5	24	285	6840	
50A	5	12.5	8	275	2200	
50A	6	12.5	8	175	1400	
60A	7	5	2	105	210	
P9 Lances 1 - 5						
50A	1	12.5	8	420	3360	
50A	2	12.5	8	151	604	
50A	3	6.3	85	116	9860	
50A	4	12.5	24	285	6840	
50A	5	12.5	8	175	1400	
60A	6	5	2	105	210	
P10 Lance 1						
50A	1	10	4	358	1432	
50A	2	10	4	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	
P11 Lance 1						
50A	1	12.5	4	358	1432	
50A	2	12.5	4	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	
P12 Lance 1						
50A	1	10	4	358	1432	
50A	2	10	4	151	604	
60A	3	5	35	95	3325	
60A	4	5	2	95	190	

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm		kgf
60A	5	256	39
50A	6.3	421	103
50A	10	122	75
50A	12.5	538	519
Peso Total = 60A =			39 kgf
Peso Total = 50A =			697 kgf



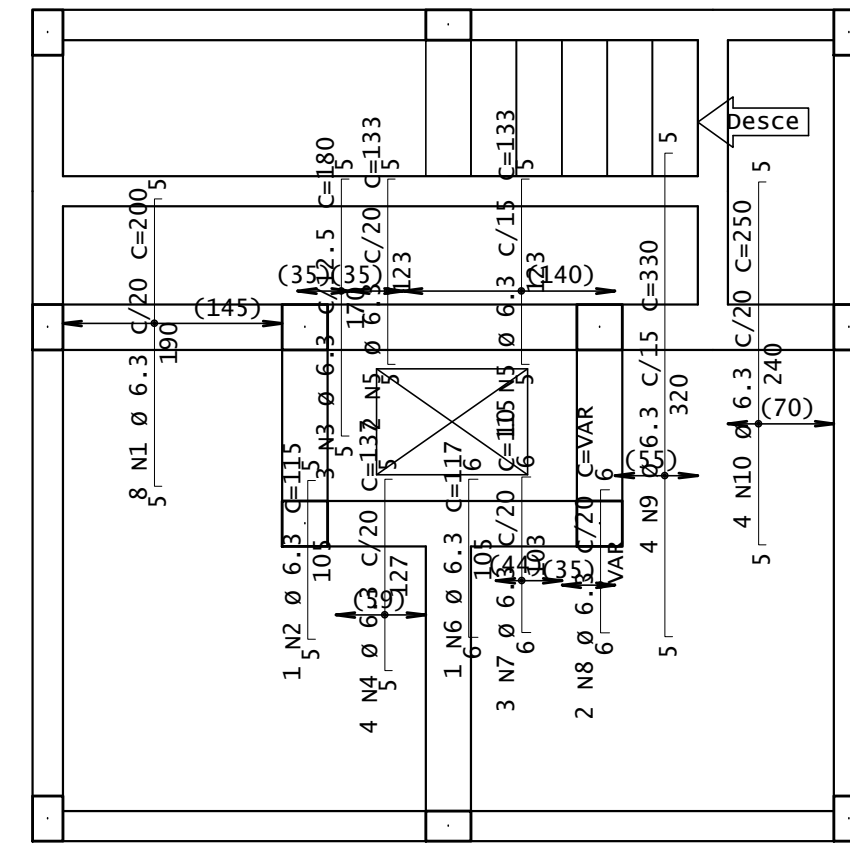
PREFEITURA MUNICIPAL DE PIMENTA

PROJETO CRISTO REDENTOR
CONSTRUÇÃO PÚBLICA

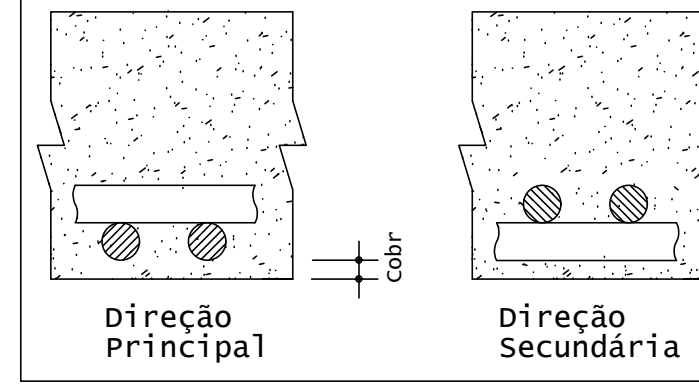
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL PILARES	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D		FOLHA 03/09

Armadura negativa

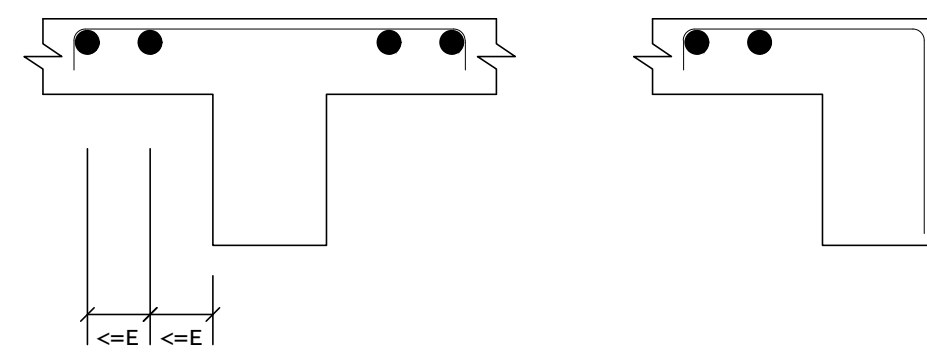
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Detalhe genérico do alojamento de armaduras positivas

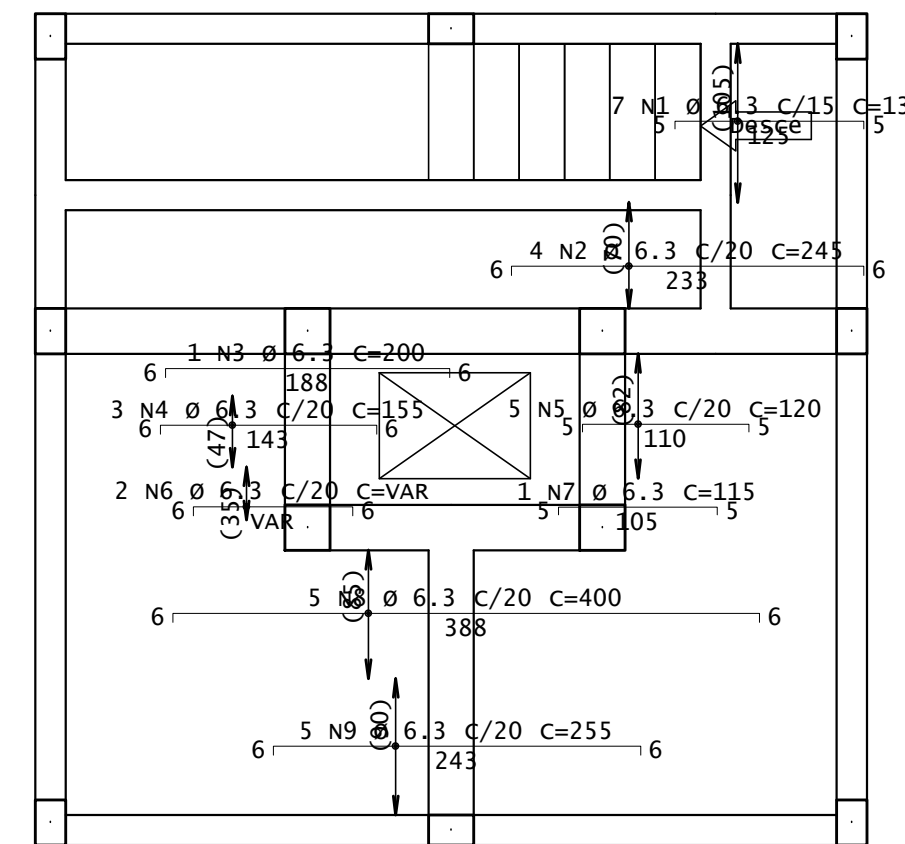


DETALHE TÍPICO DE FERROS DE DISTRIBUIÇÃO DE ARMADURA NEGATIVA

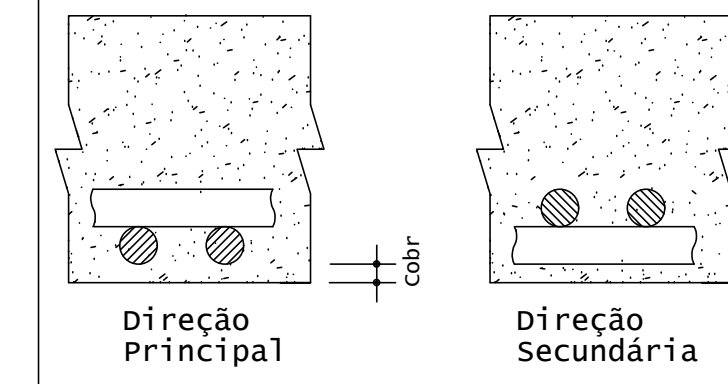


Armadura negativa

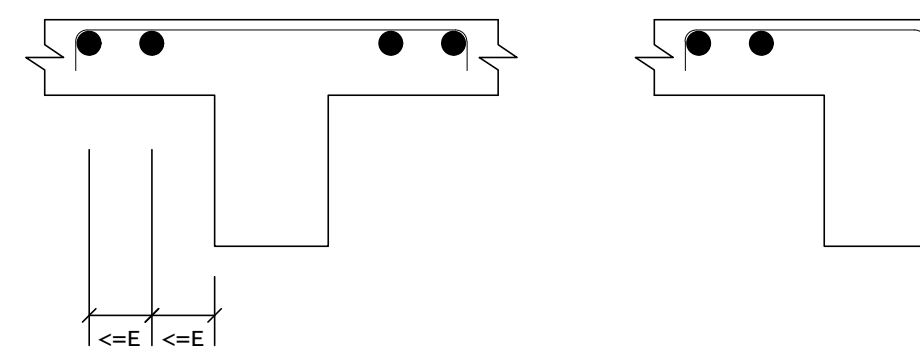
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Detalhe genérico do alojamento de armaduras positivas



DETALHE TÍPICO DE FERROS DE DISTRIBUIÇÃO DE ARMADURA NEGATIVA



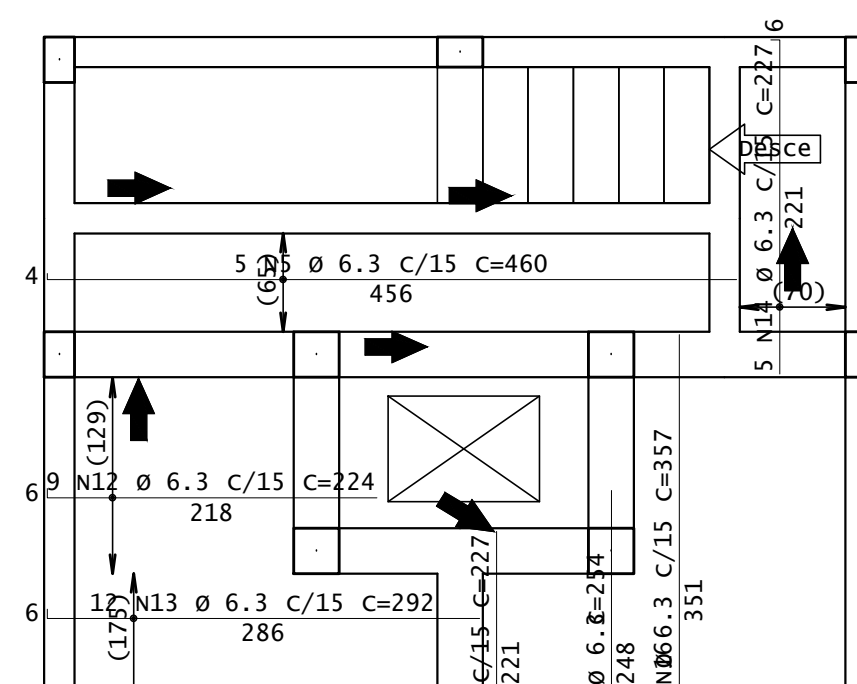
7 N10 Ø 5 C/20 C=1140

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
mm					
cm					
TÉRREO - Armadura negativa principal					
50A	1	6.3	7	135	945
50A	2	6.3	4	245	980
50A	3	6.3	1	200	200
50A	4	6.3	3	155	465
50A	5	6.3	5	120	600
50A	6	6.3	2	--VAR--	240
50A	7	6.3	1	115	115
50A	8	6.3	5	400	2000
50A	9	6.3	5	255	1275
60A	10	5	7	1140	7980
TÉRREO - Armadura negativa secundária					
50A	1	6.3	8	200	1600
50A	2	6.3	1	115	115
50A	3	6.3	3	180	540
50A	4	6.3	4	137	548
50A	5	6.3	12	133	1596
50A	6	6.3	1	117	117
50A	7	6.3	3	115	345
50A	8	6.3	2	--VAR--	230
50A	9	6.3	4	330	1320
50A	10	6.3	4	250	1000
TÉRREO - Armadura positiva principal					
50A	5	6.3	5	460	2300
50A	12	6.3	9	224	2016
50A	13	6.3	12	292	3504
50A	14	6.3	10	227	2270
50A	15	6.3	1	254	254
50A	16	6.3	10	357	3570
TÉRREO - Armadura positiva secundária					
50A	1	6.3	12	116	1392
50A	2	6.3	8	195	1560
50A	3	6.3	3	220	660
50A	4	6.3	12	296	3552
50A	12	6.3	28	110	3080
50A	14	6.3	10	356	3560
50A	16	6.3	5	225	1125
50A	17	6.3	1	250	250

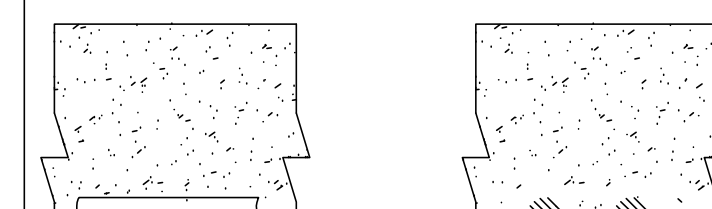
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		m	kgf
60A	5	80	12
50A	6.3	433	106
Peso Total		60A =	12 kgf
Peso Total		50A =	106 kgf

Armadura positiva

1X

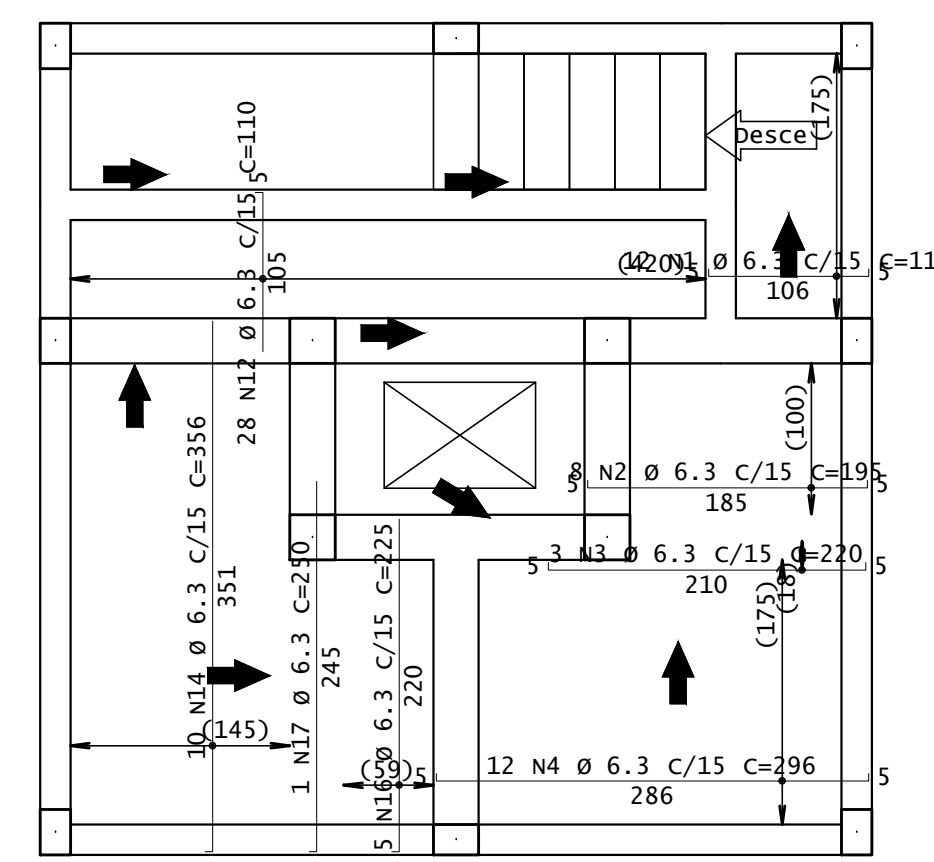


Detalhe genérico do alojamento de armaduras positivas

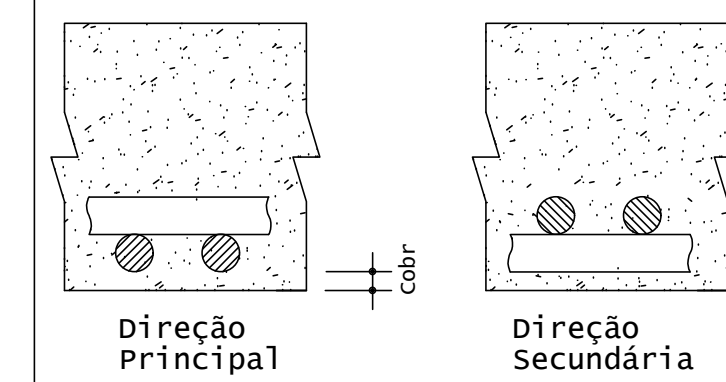


Armadura positiva

1X

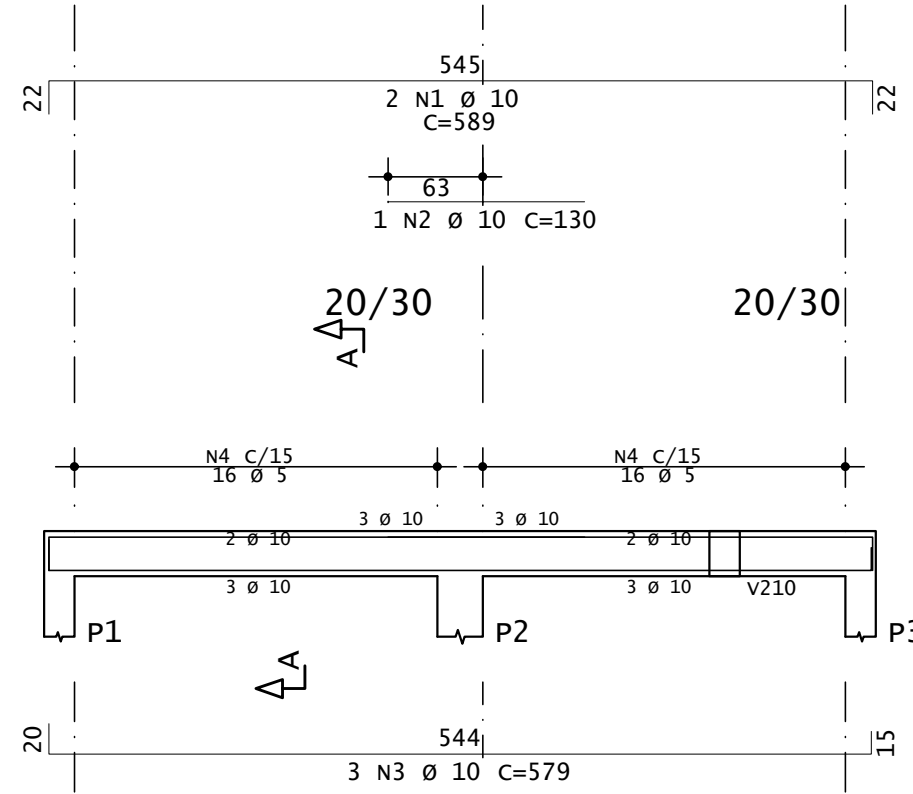


Detalhe genérico do alojamento de armaduras positivas

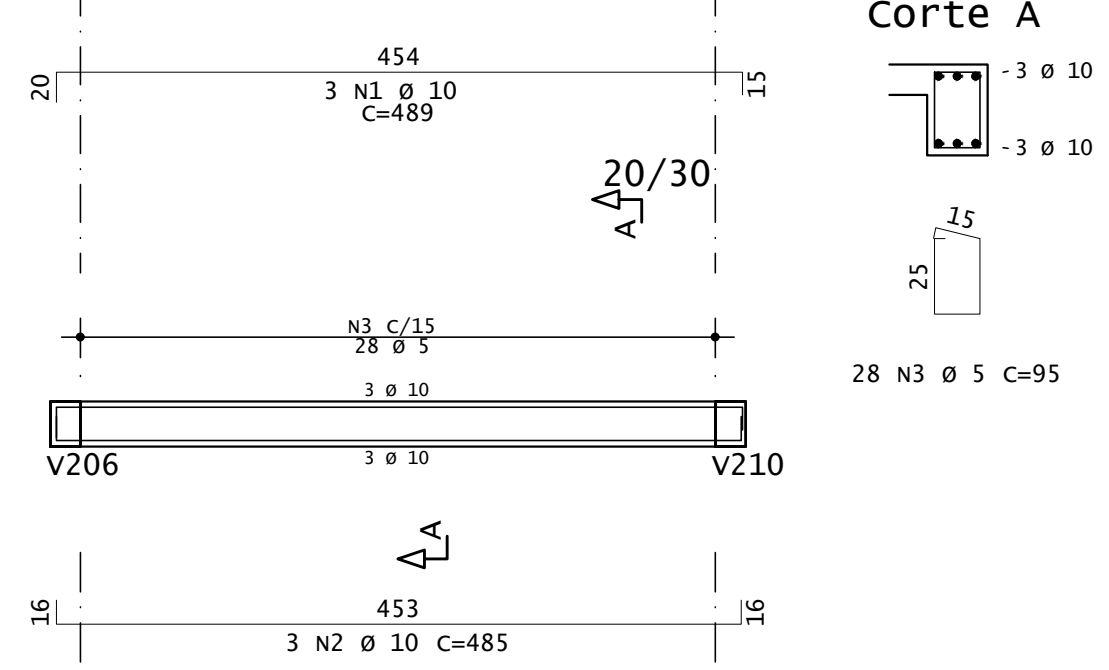


	PREFEITURA MUNICIPAL DE PIMENTA	
	PROJETO CRISTO REDENTOR CONSTRUÇÃO PÚBLICA	
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL ARMAÇÃO LAJE TÉRREO	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D		FOLHA 05/09

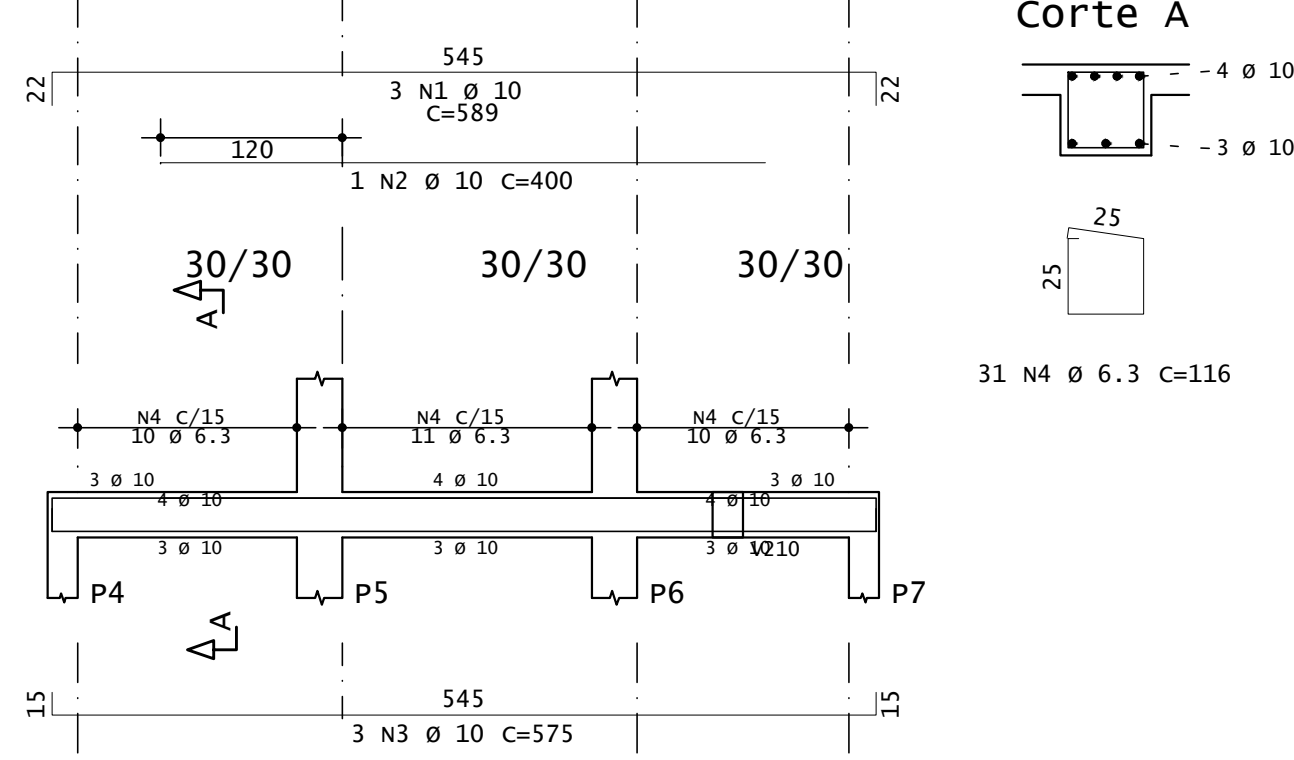
V201



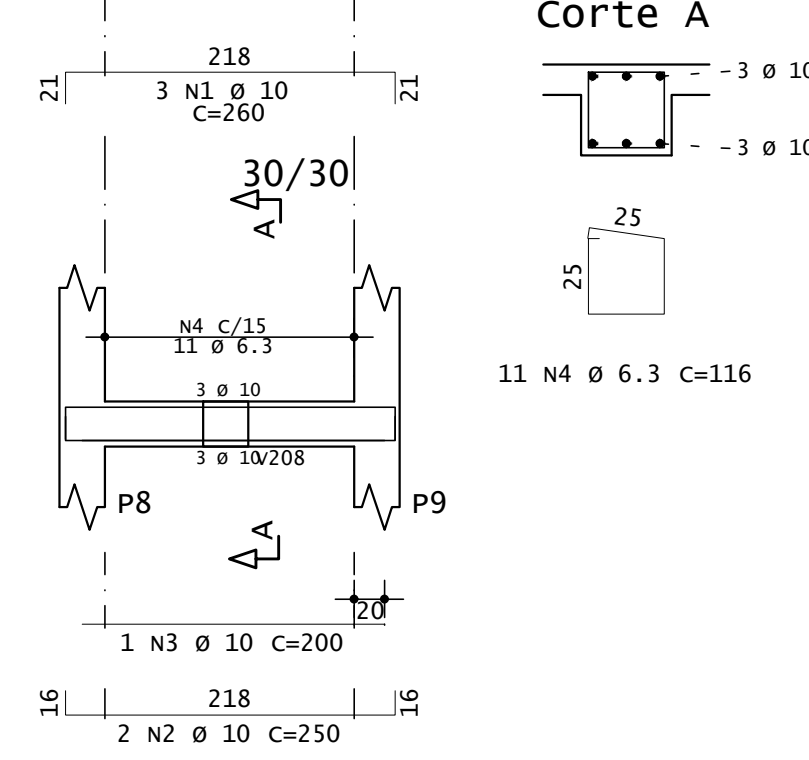
V202



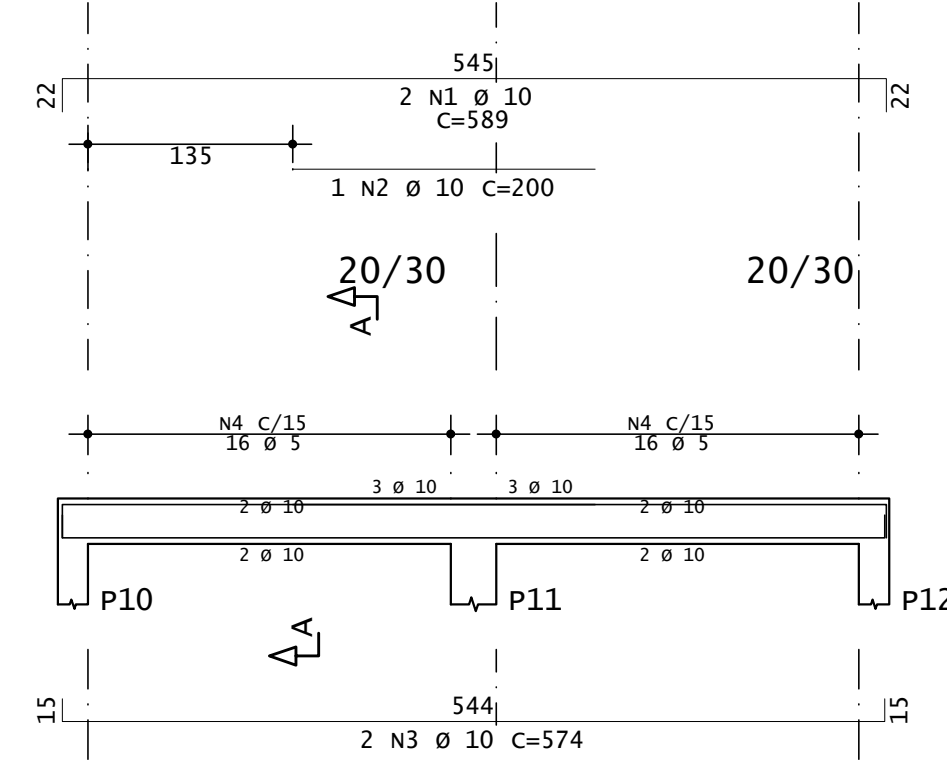
V203



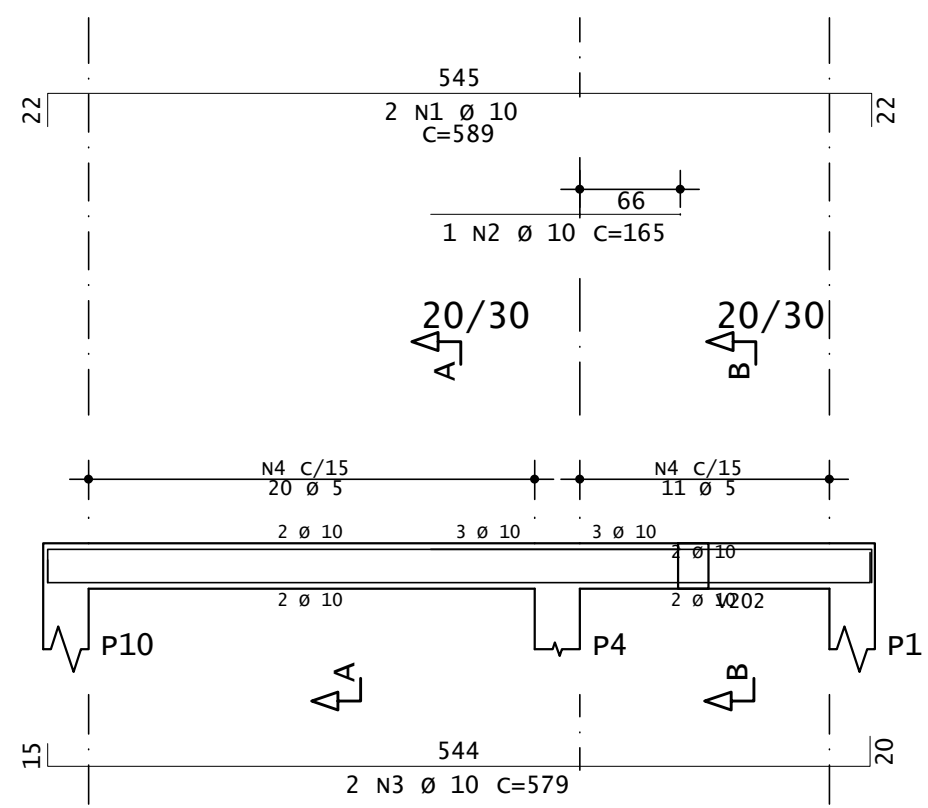
V204



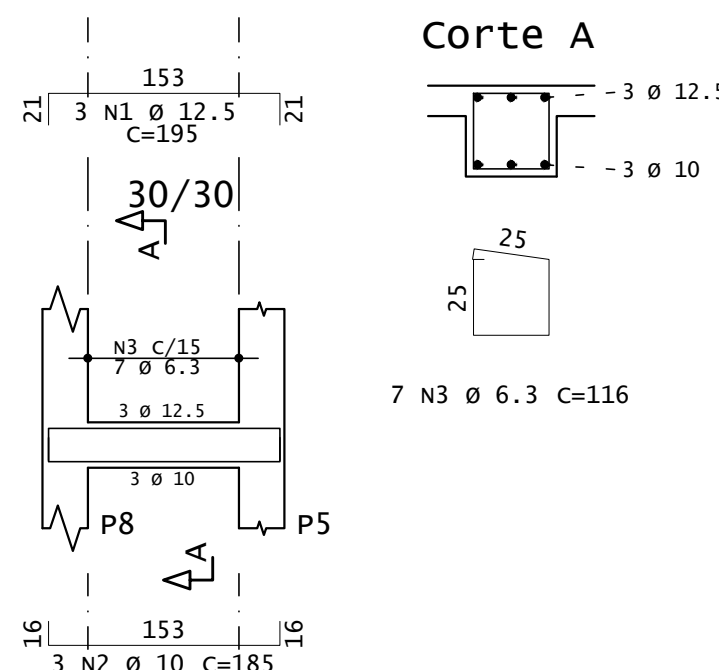
V205



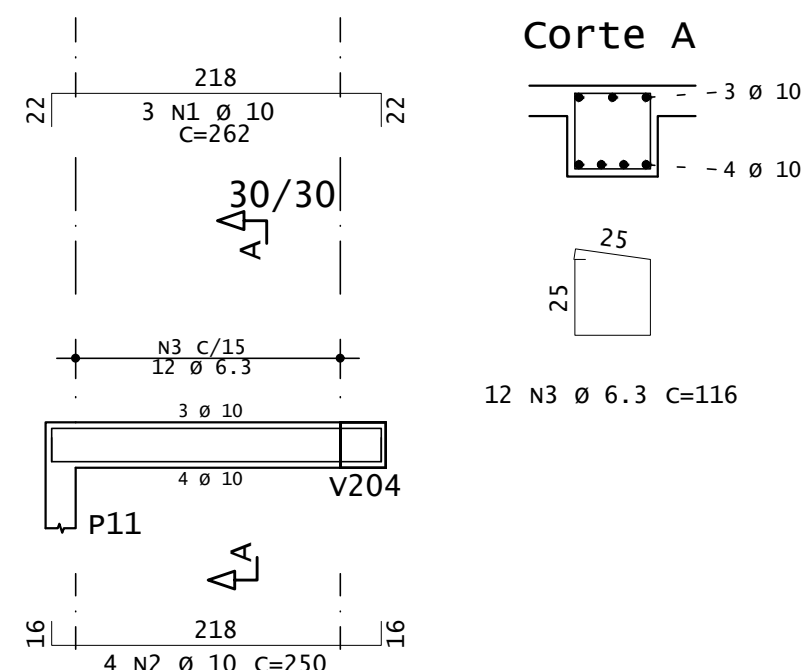
V206



V207



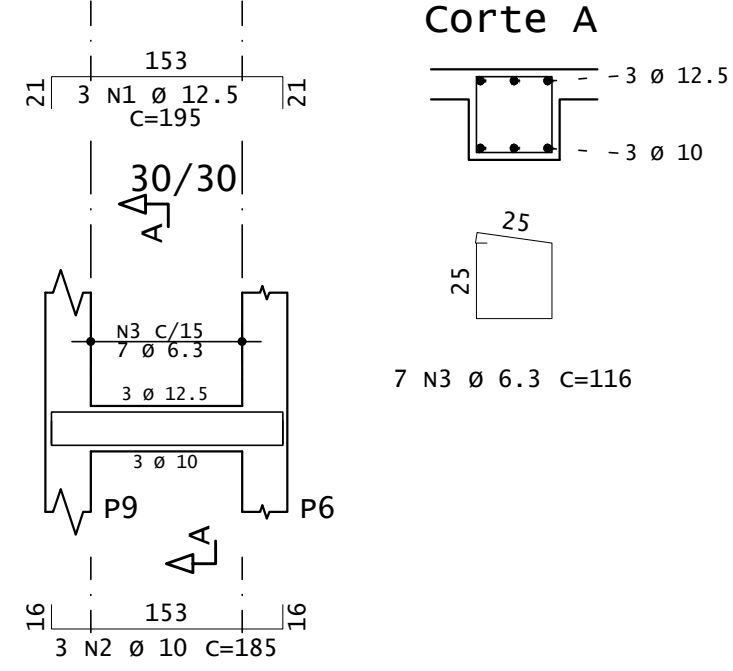
V208



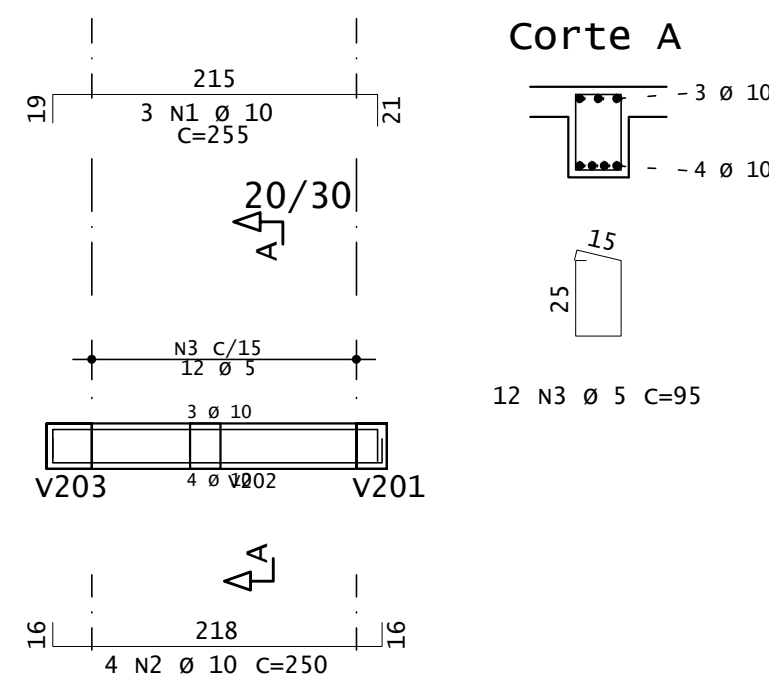
AÇO	POS	BIT mm	QUANT	COMPIMENTO		
				UNIT cm	TOTAL cm	
V201	50A	1	10	2	589	1178
	50A	2	10	1	130	130
	50A	3	10	3	579	1737
	60A	4	5	32	95	3040
V202	50A	1	10	3	489	1467
	50A	2	10	3	485	1455
	60A	3	5	28	95	2660
V203	50A	1	10	3	589	1767
	50A	2	10	1	400	400
	50A	3	10	3	575	1725
	50A	4	6.3	31	116	3596
V204	50A	1	10	3	260	780
	50A	2	10	2	250	500
	50A	3	10	1	200	200
	50A	4	6.3	11	116	1276
V205	50A	1	10	2	589	1178
	50A	2	10	1	200	200
	50A	3	10	2	574	1148
	60A	4	5	32	95	3040
V206	50A	1	10	2	589	1178
	50A	2	10	1	165	165
	50A	3	10	2	579	1158
	60A	4	5	31	95	2945
V207	50A	1	12.5	3	195	585
	50A	2	10	3	185	555
	50A	3	6.3	7	116	812
V208	50A	1	10	3	262	786
	50A	2	10	4	250	1000
	50A	3	6.3	12	116	1392
V209	50A	1	12.5	3	195	585
	50A	2	10	3	185	555
	50A	3	6.3	7	116	812
V210	50A	1	10	3	255	765
	50A	2	10	4	250	1000
	60A	3	5	12	95	1140
V211	50A	1	10	2	590	1180
	50A	2	10	2	574	1148
	60A	3	5	31	95	2945
V212	50A	1	10	4	260	1040
	60A	2	5	11	95	1045
V213	50A	1	10	4	325	1300
	60A	2	5	16	95	1520

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	183	28
50A	6.3	79	19
50A	10	257	159
50A	12.5	12	11
Peso Total		60A =	28 kgf
Peso Total		50A =	189 kgf

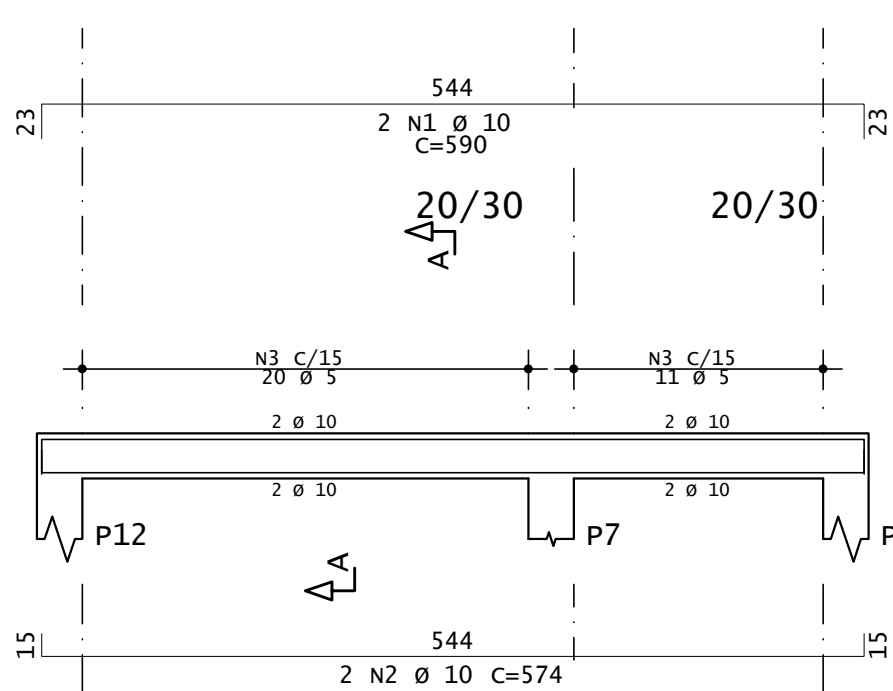
V209



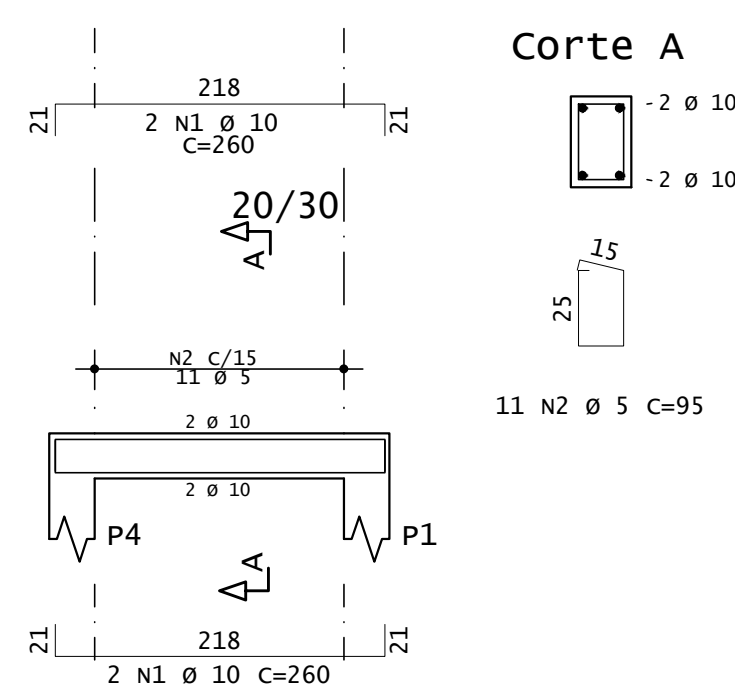
V210



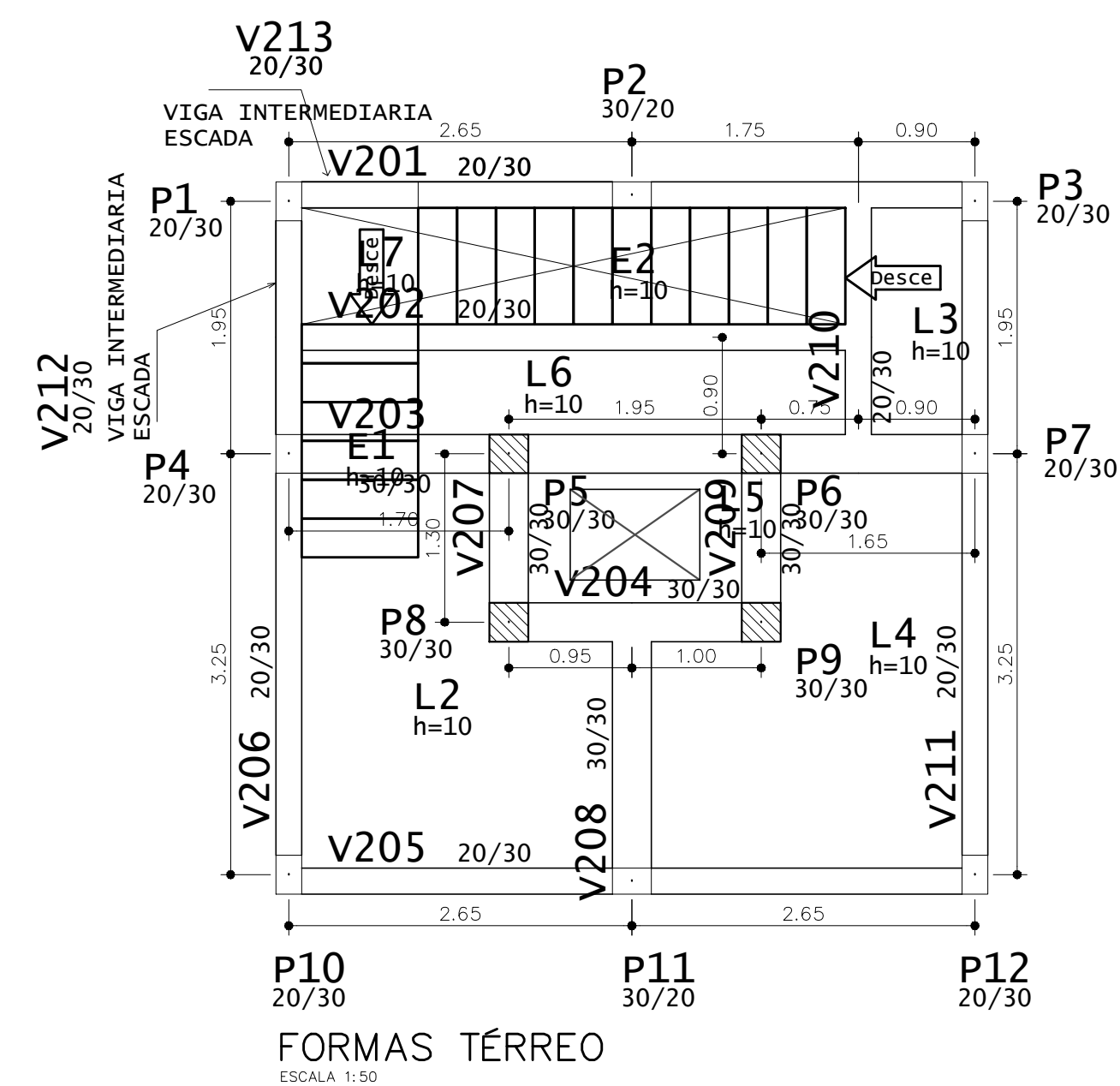
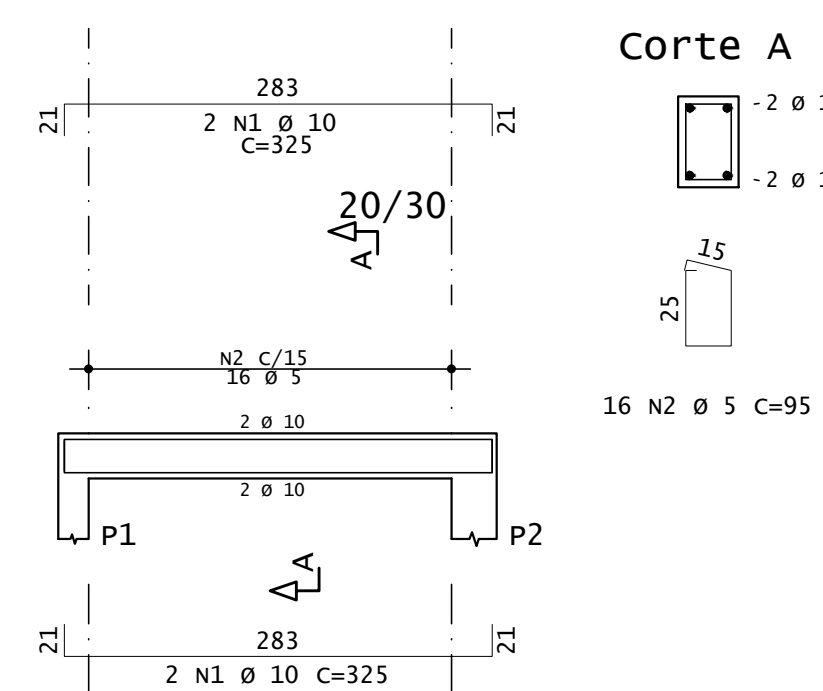
V211



V212



V213

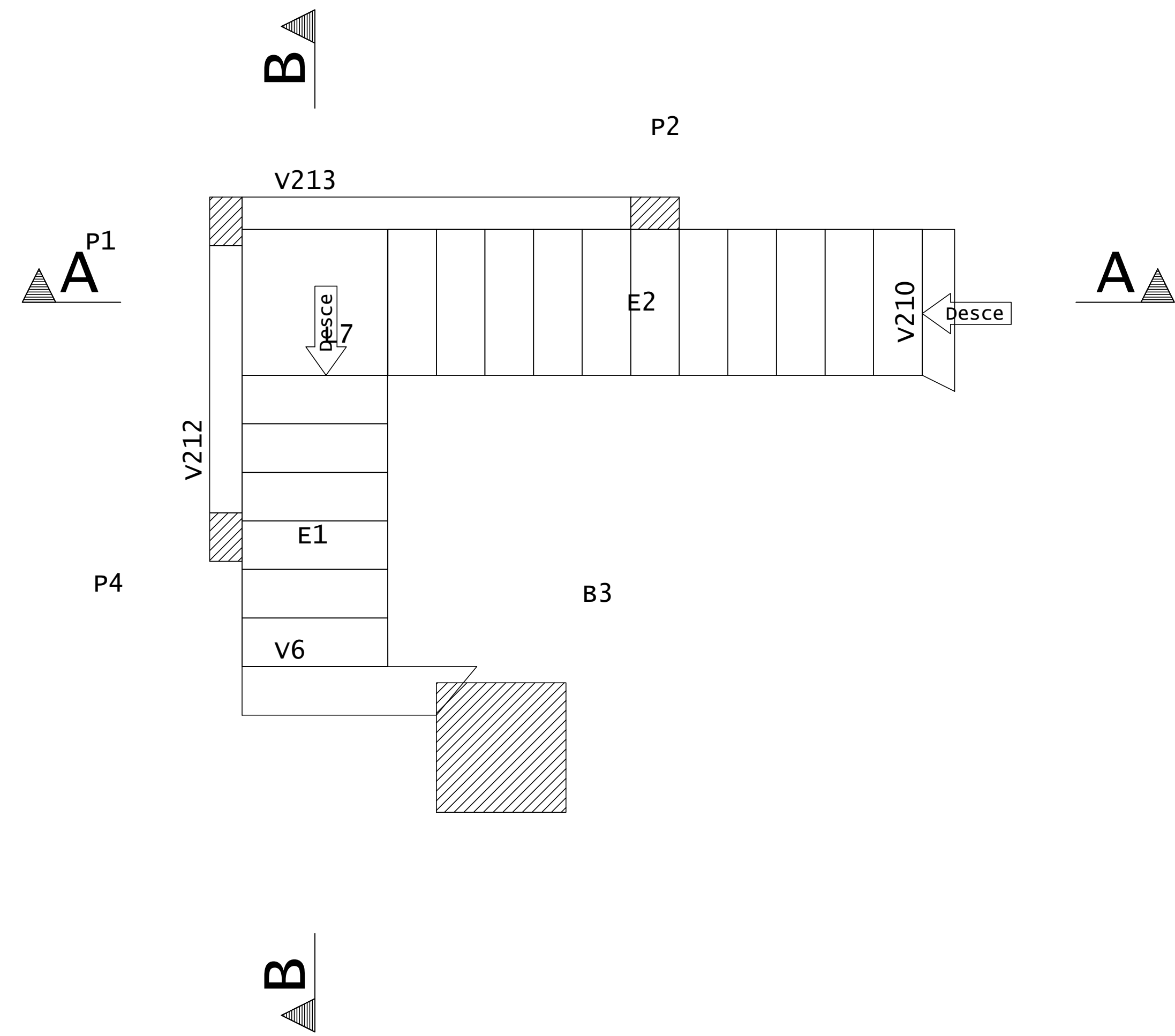


PREFEITURA MUNICIPAL DE PIMENTA		
PROJETO CRISTO REDENTOR CONSTRUÇÃO PÚBLICA		
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL FORMAS E VIGAS TERREO	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D	FOLHA 04/09	

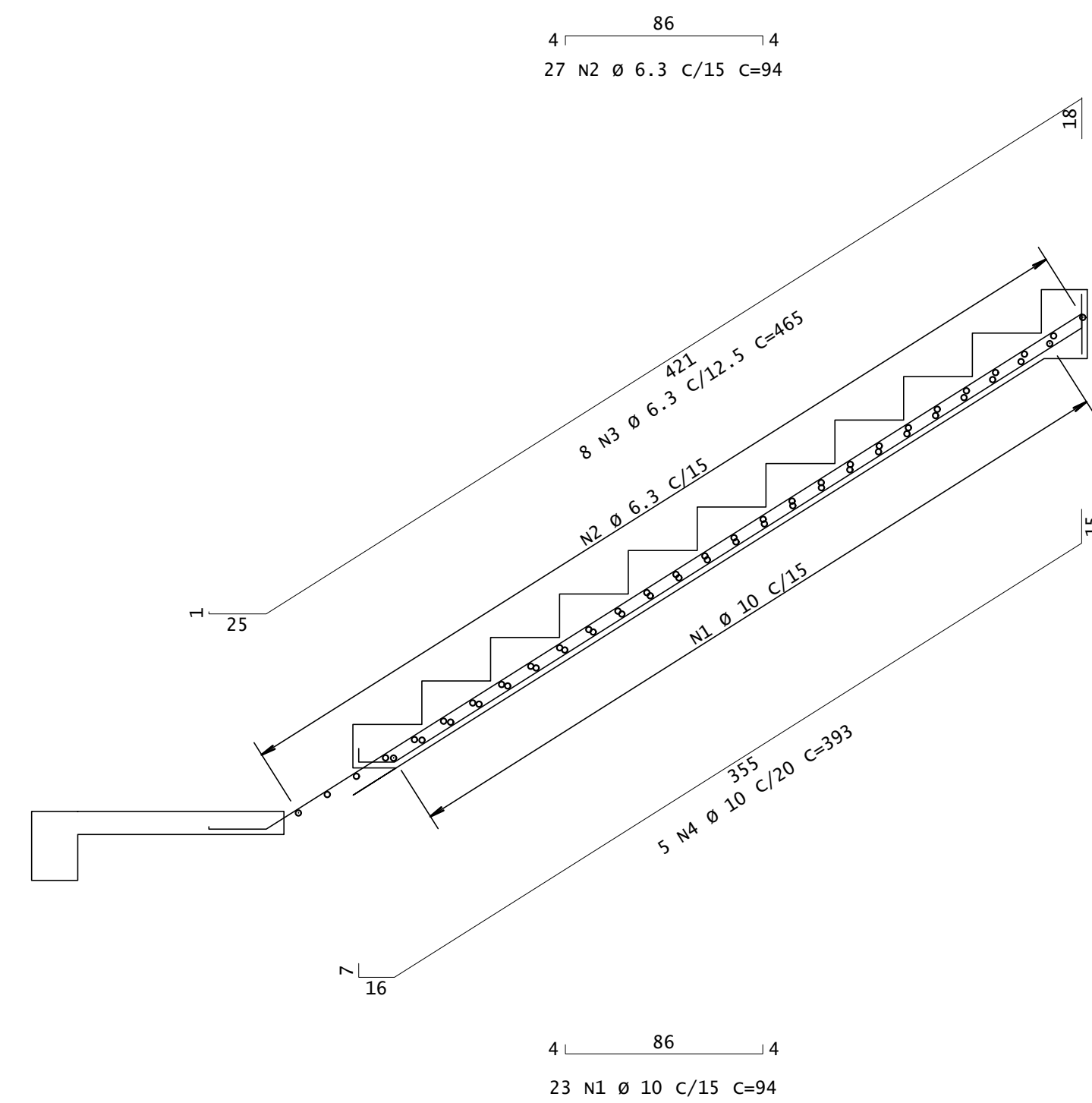
Planta Escada-1 - TÉRREO

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
Planta Escada-1 - TÉRREO					
		mm		cm	cm
50A	1	10	42	94	3948
50A	2	6.3	45	94	4230
50A	3	6.3	8	465	3720
50A	4	10	5	393	1965
50A	5	6.3	6	321	1926
50A	6	10	8	389	3112
50A	7	10	5	133	665

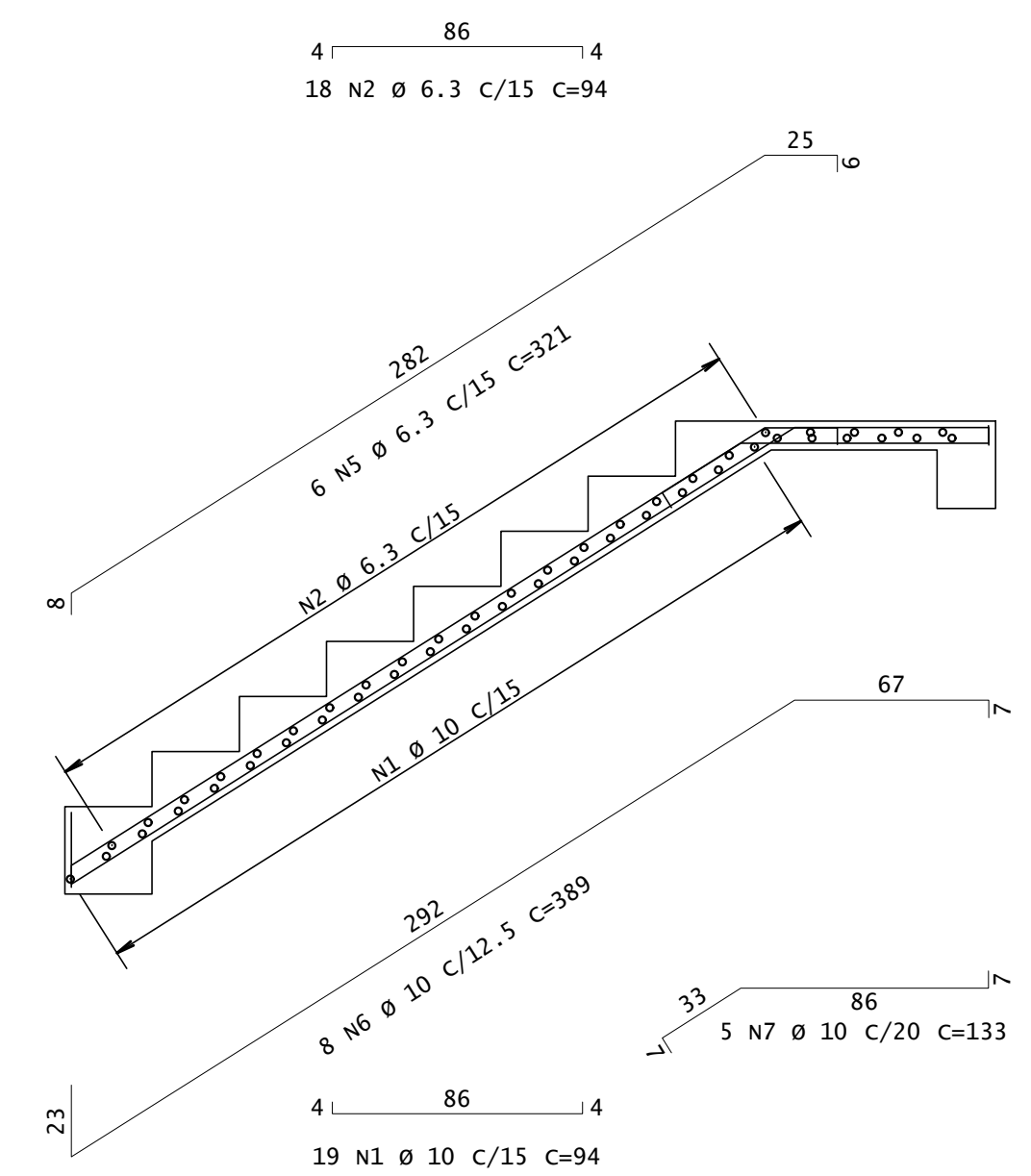
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		mm	kgf
50A	6.3	99	24
50A	10	97	60
Peso Total	50A =		84 kgf



Corte A-A

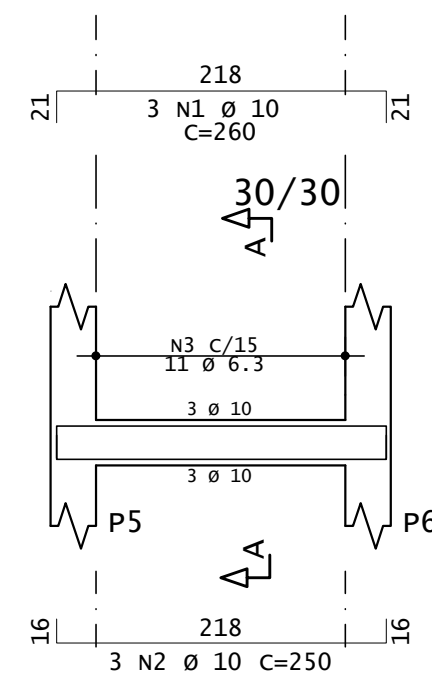


Corte B-B

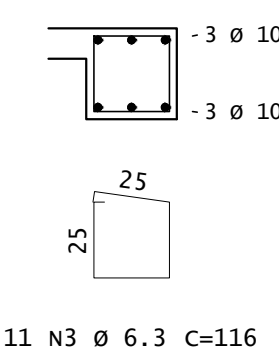


	PREFEITURA MUNICIPAL DE PIMENTA	
	PROJETO CRISTO REDENTOR CONSTRUÇÃO PÚBLICA	
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL ARMAÇÃO ESCADA	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D	FOLHA 06/09	

V301

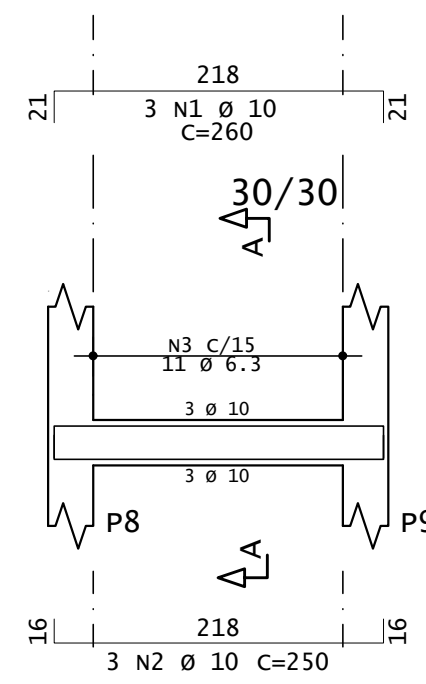


Corte A

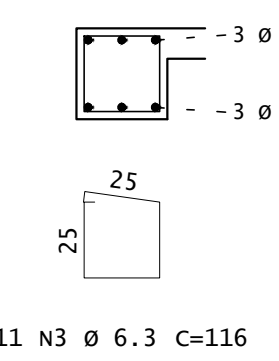


11 N3 Ø 6.3 C=116

V302

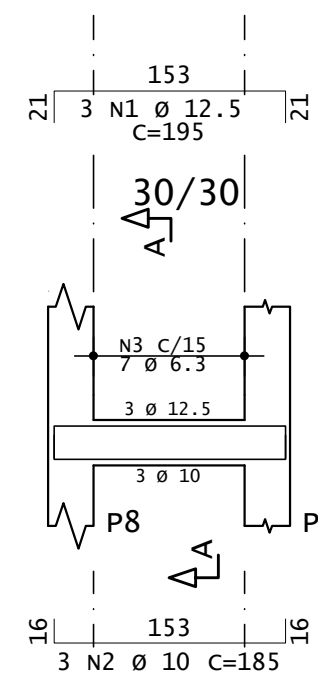


Corte A

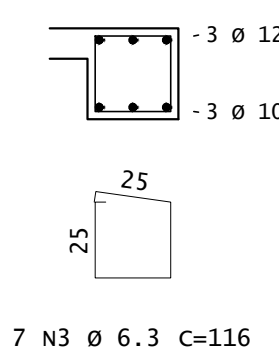


11 N3 Ø 6.3 C=116

V303

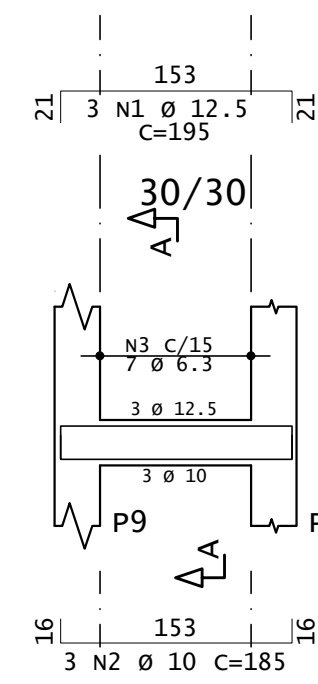


Corte A

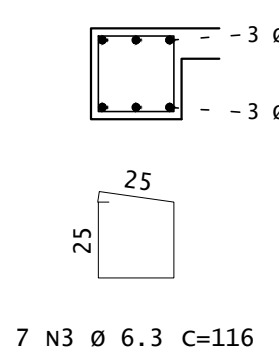


7 N3 Ø 6.3 C=116

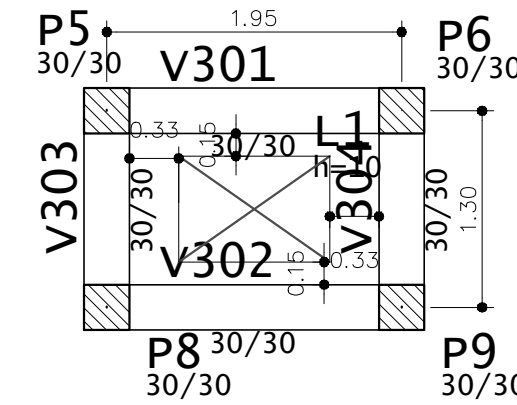
V304



Corte A



7 N3 Ø 6.3 C=116

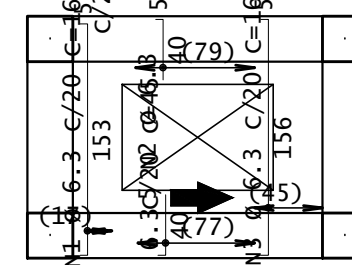
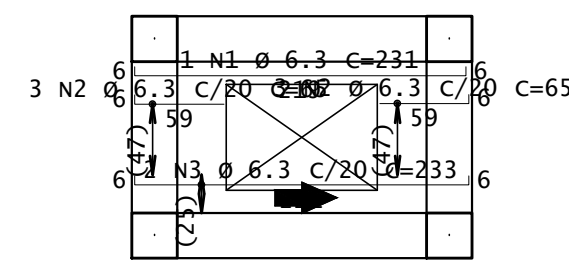


FORMAS TIPO (1° E 2°)

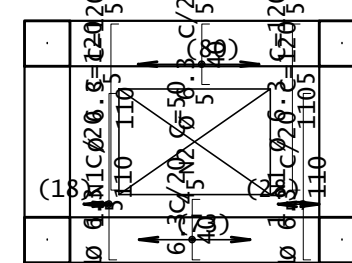
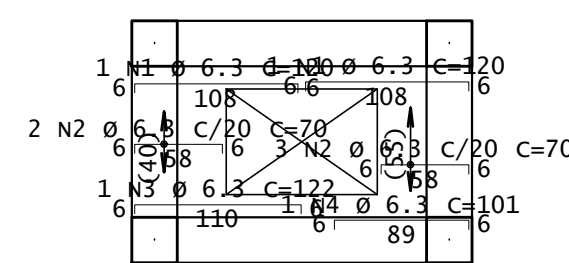
ESCALA 1:50

2X

Armadura positiva



Armadura negativa



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
TIPO - Armadura negativa principal (X2)					
50A	1	6.3	4	120	480
50A	2	6.3	10	70	700
50A	3	6.3	2	122	244
50A	4	6.3	2	101	202
60A	5	5	2	1140	2280
TIPO - Armadura negativa secundaria (X2)					
50A	1	6.3	10	120	1200
50A	2	6.3	16	50	800
TIPO - Armadura positiva principal (X2)					
50A	1	6.3	2	231	462
50A	2	6.3	12	65	780
50A	3	6.3	4	233	932
TIPO - Armadura positiva secundaria (X2)					
50A	1	6.3	4	163	652
50A	2	6.3	20	45	900
50A	3	6.3	6	166	996

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		mm	m
			kgf
60A	5	23	4
50A	6.3	83	20
Peso Total		60A =	4 kgf
Peso Total		50A =	20 kgf

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
V301 (X2)					
50A	1	10	6	260	1560
50A	2	10	6	250	1500
50A	3	6.3	22	116	2552
V302 (X2)					
50A	1	10	6	260	1560
50A	2	10	6	250	1500
50A	3	6.3	22	116	2552
V303 (X2)					
50A	1	12.5	6	195	1170
50A	2	10	6	185	1110
50A	3	6.3	14	116	1624
V304 (X2)					
50A	1	12.5	6	195	1170
50A	2	10	6	185	1110
50A	3	6.3	14	116	1624

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		mm	m
			kgf
50A	6.3	84	20
50A	10	83	51
50A	12.5	23	23
Peso Total		50A =	94 kgf

NOTAS:

- CONFIRAR MEDIDAS NO LOCAL
- MEDIDAS EM METROS E CENTIMETROS
- FCK LAJES = 30MPA
- DETALHES VIGAS EM PRACHA ANEXO
- RETIRADA ESCORAMENTO:
- FORRO LAJE: 15 DIAS
- FUNDO DE VIGAS: 28 DIAS

LEGENDA/PILARES

- PILAR QUE NASCE
- PILAR QUE CONTINUA
- PILAR QUE MORRE



PREFEITURA MUNICIPAL DE PIMENTA

PROJETO CRISTO REDENTOR
CONSTRUÇÃO PÚBLICA

ENDEREÇO:

AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO,
PIMENTA-MG

SUBTÍTULO:

PROJETO ESTRUTURAL
FORMAS E VIGAS TIPO
(1 E 2)

DESENHO:

RENAN GARCIA

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE PIMENTA

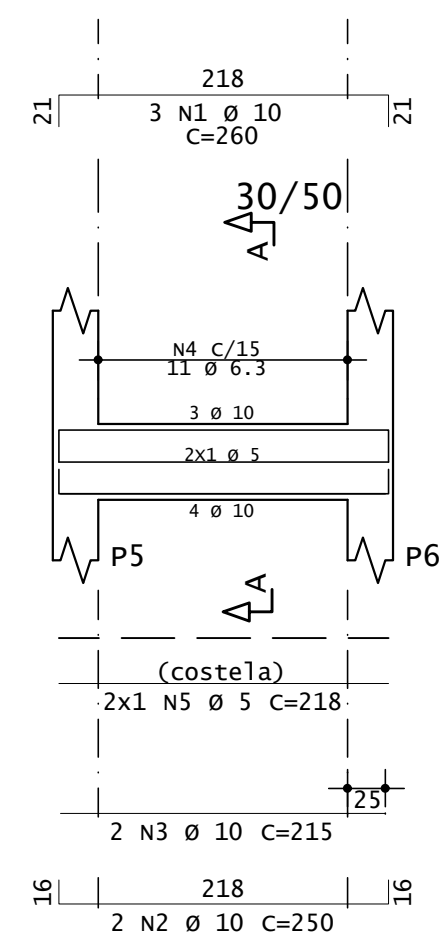
RESP. TÉCNICO:

RAFAEL LEÃO DA SILVA JUNIOR
CREA/MG: 65.065/D

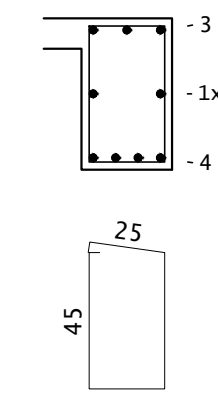
FOLHA

07/09

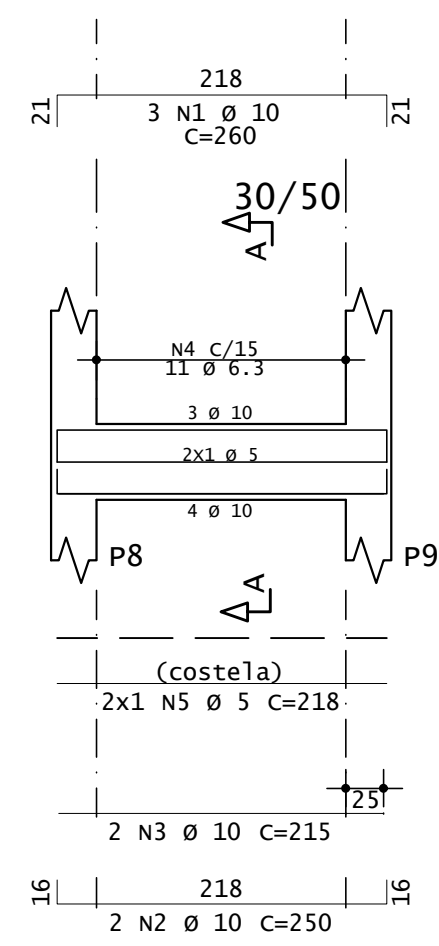
V401



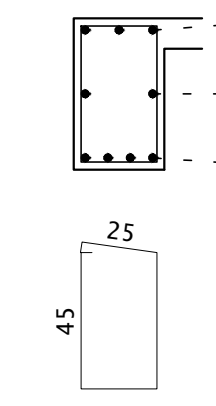
Corte A



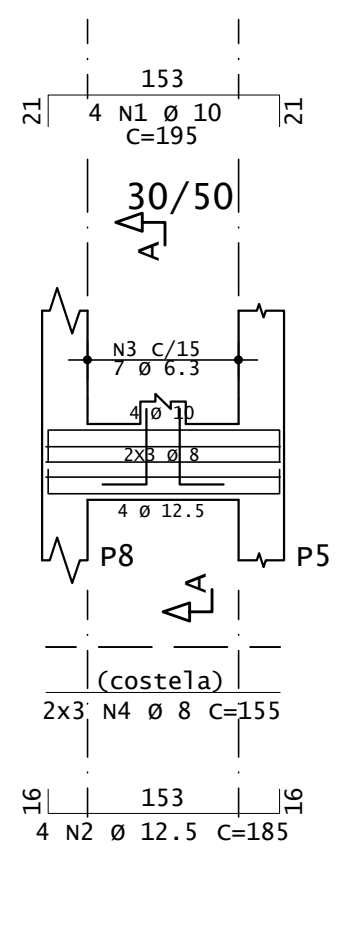
V402



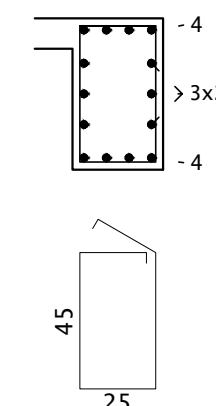
Corte A



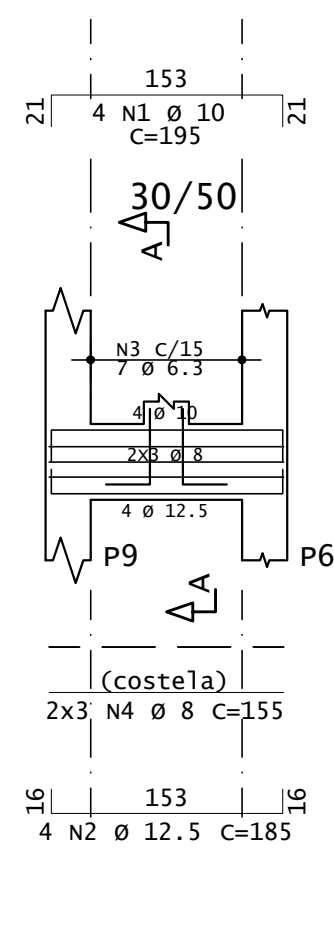
V403



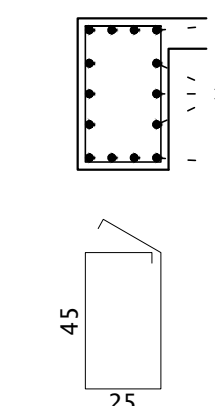
Corte A



V404



Corte A



AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
				UNIT cm	TOTAL cm
V401					
50A	1	10	3	260	780
50A	2	10	2	250	500
50A	3	10	2	215	430
50A	4	6.3	11	156	1716
60A	5	5	2	218	436
V402					
50A	1	10	3	260	780
50A	2	10	2	250	500
50A	3	10	2	215	430
50A	4	6.3	11	156	1716
60A	5	5	2	218	436
V403					
50A	1	10	4	195	780
50A	2	12.5	4	185	740
50A	3	6.3	7	181	1267
50A	4	8	6	155	930
V404					
50A	1	10	4	195	780
50A	2	12.5	4	185	740
50A	3	6.3	7	181	1267
50A	4	8	6	155	930

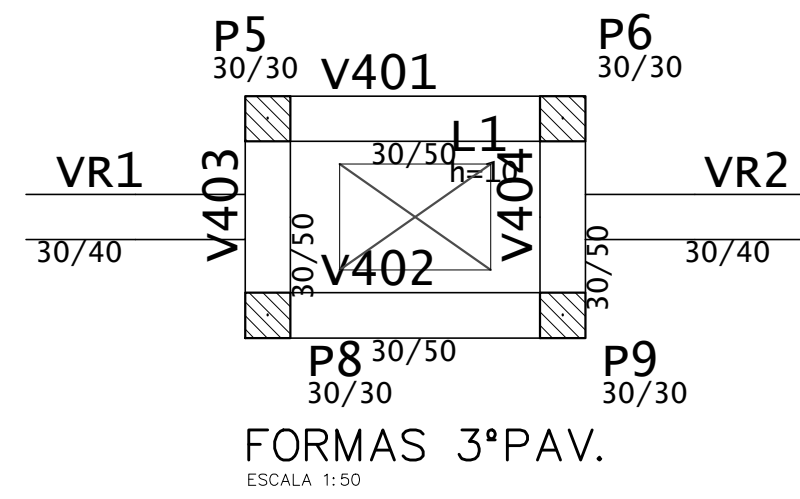
RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	9	1
50A	6.3	60	15
50A	8	19	7
50A	10	50	31
50A	12.5	15	14
Peso Total		60A =	1 kgf
Peso Total		50A =	67 kgf

NOTAS:

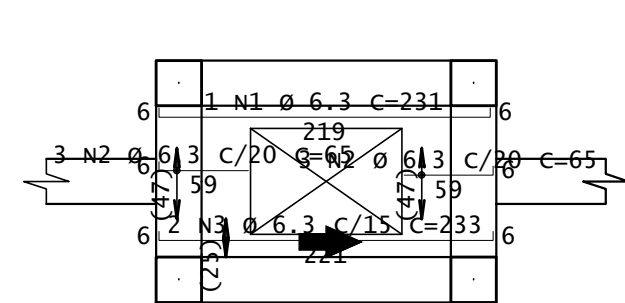
- CONFERIR MEDIDAS NO LOCAL
- MEDIDAS EM METROS E CENTIMETROS
- FCK LAJES = 30MPA
- DETALHES VIGAS EM PRACHA ANEXO
- RETIRADA ESCORAMENTO:
- FORRO LAJE: 15 DIAS
- FUNDO DE VIGAS: 28 DIAS

LEGENDA/PILARES

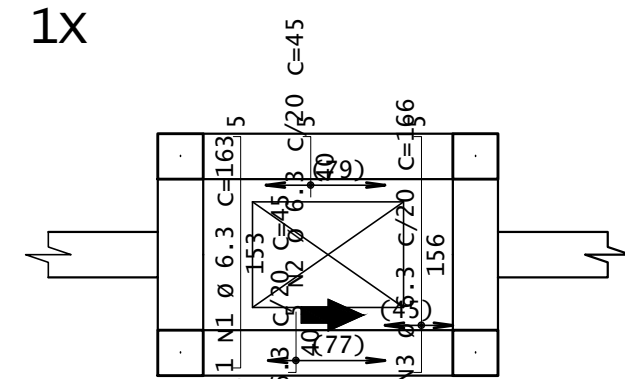
- PILAR QUE NASCE
- PILAR QUE CONTINUA
- PILAR QUE MORRE



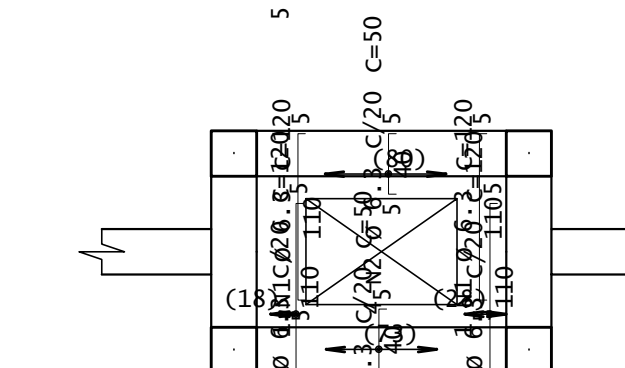
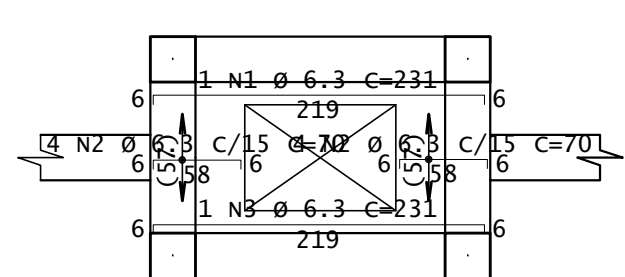
Armadura positiva



1X



Armadura negativa



AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
				UNIT cm	TOTAL cm
QUARTO - Armadura negativa principal					
50A	1	6.3	1	231	231
50A	2	6.3	8	70	560
50A	3	6.3	1	231	231
60A	4	5	1	1140	1140
QUARTO - Armadura negativa secundaria					
50A	1	6.3	5	120	600
50A	2	6.3	8	50	400
QUARTO - Armadura positiva principal					
50A	1	6.3	1	231	231
50A	2	6.3	6	65	390
50A	3	6.3	2	233	466
QUARTO - Armadura positiva secundaria					
50A	1	6.3	1	163	163
50A	2	6.3	10	45	450
50A	3	6.3	3	166	498

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	11	2
50A	6.3	42	10
Peso Total		60A =	2 kgf
Peso Total		50A =	10 kgf



PREFEITURA MUNICIPAL DE PIMENTA

PROJETO CRISTO REDENTOR

CONSTRUÇÃO PÚBLICA

ENDEREÇO:
AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO,
PIMENTA-MG

SUBTÍTULO:
PROJETO ESTRUTURAL
FORMAS E VIGAS 3° PAV.

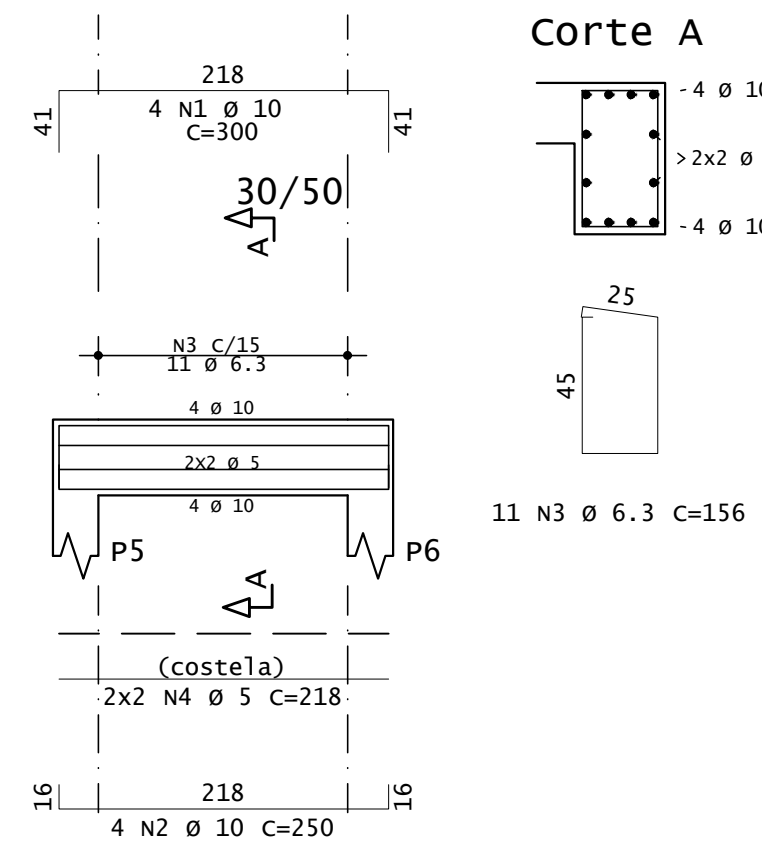
DESENHO:
RENAN GARCIA

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE PIMENTA

RESP. TÉCNICO:
RAFAEL LEÃO DA SILVA JUNIOR
CREA/MG. 65.065/D

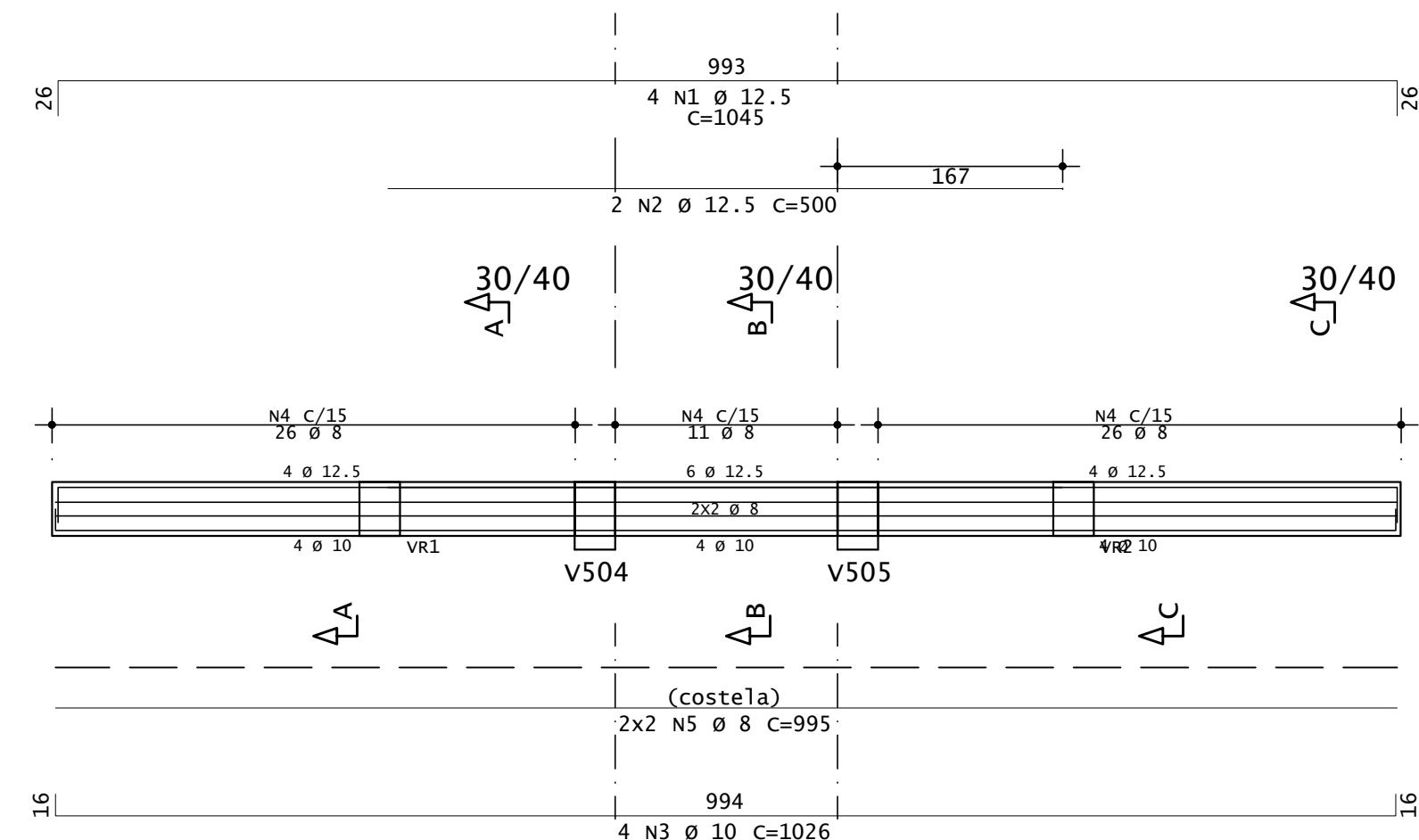
FOLHA
08/09

V501



Corte A

V502

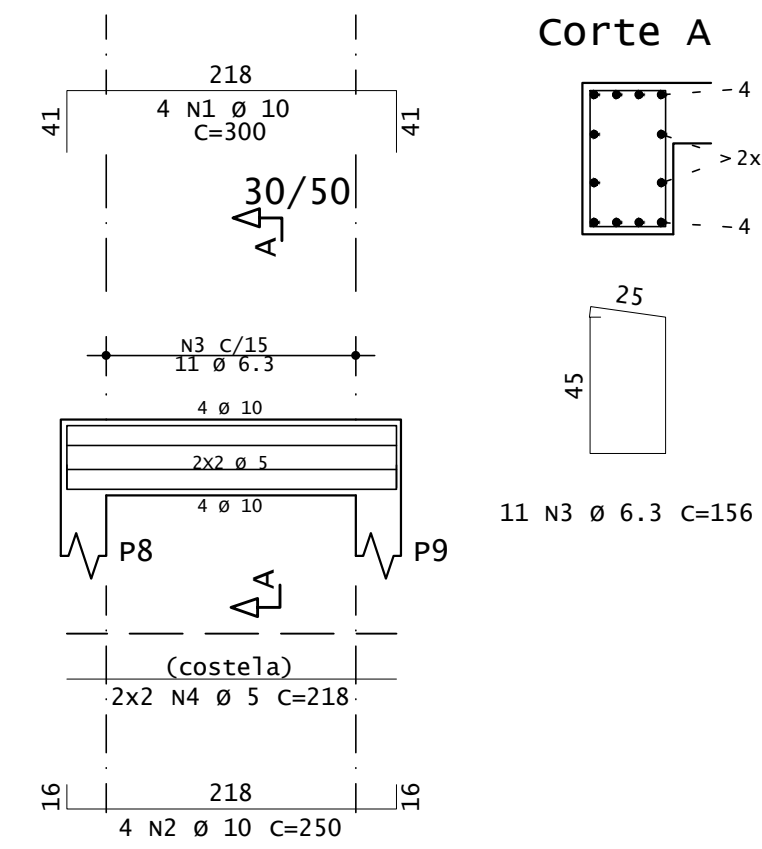


Corte A

Corte B

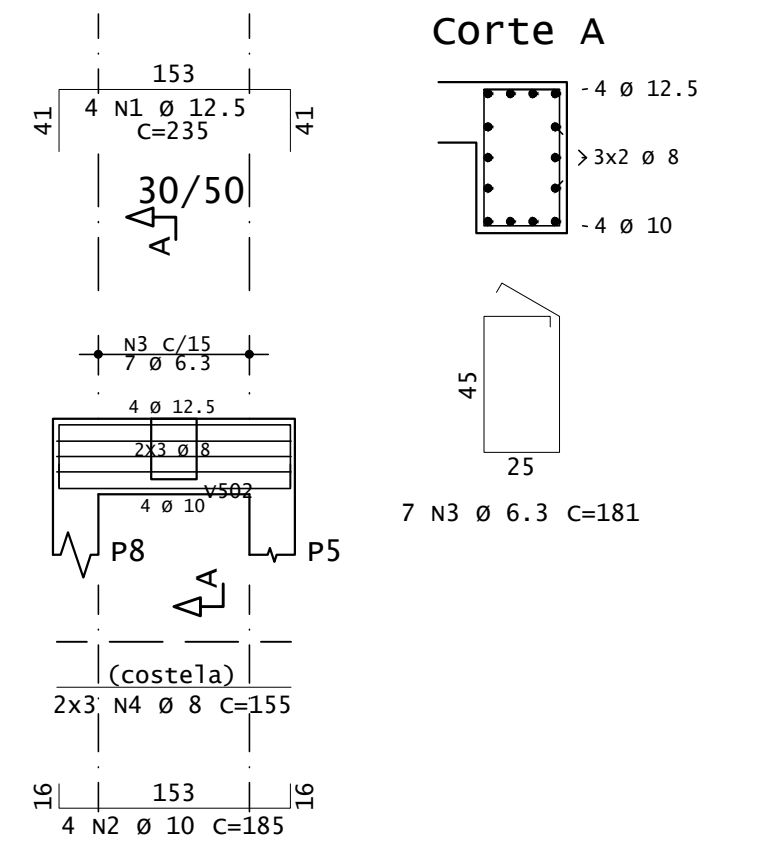
Corte C

V503



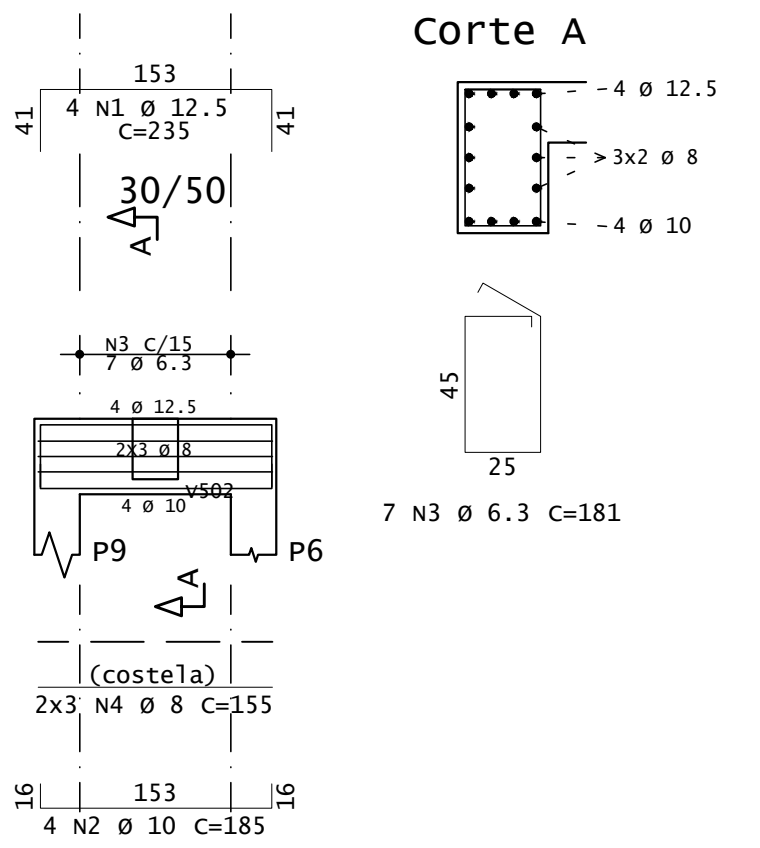
Corte A

V504



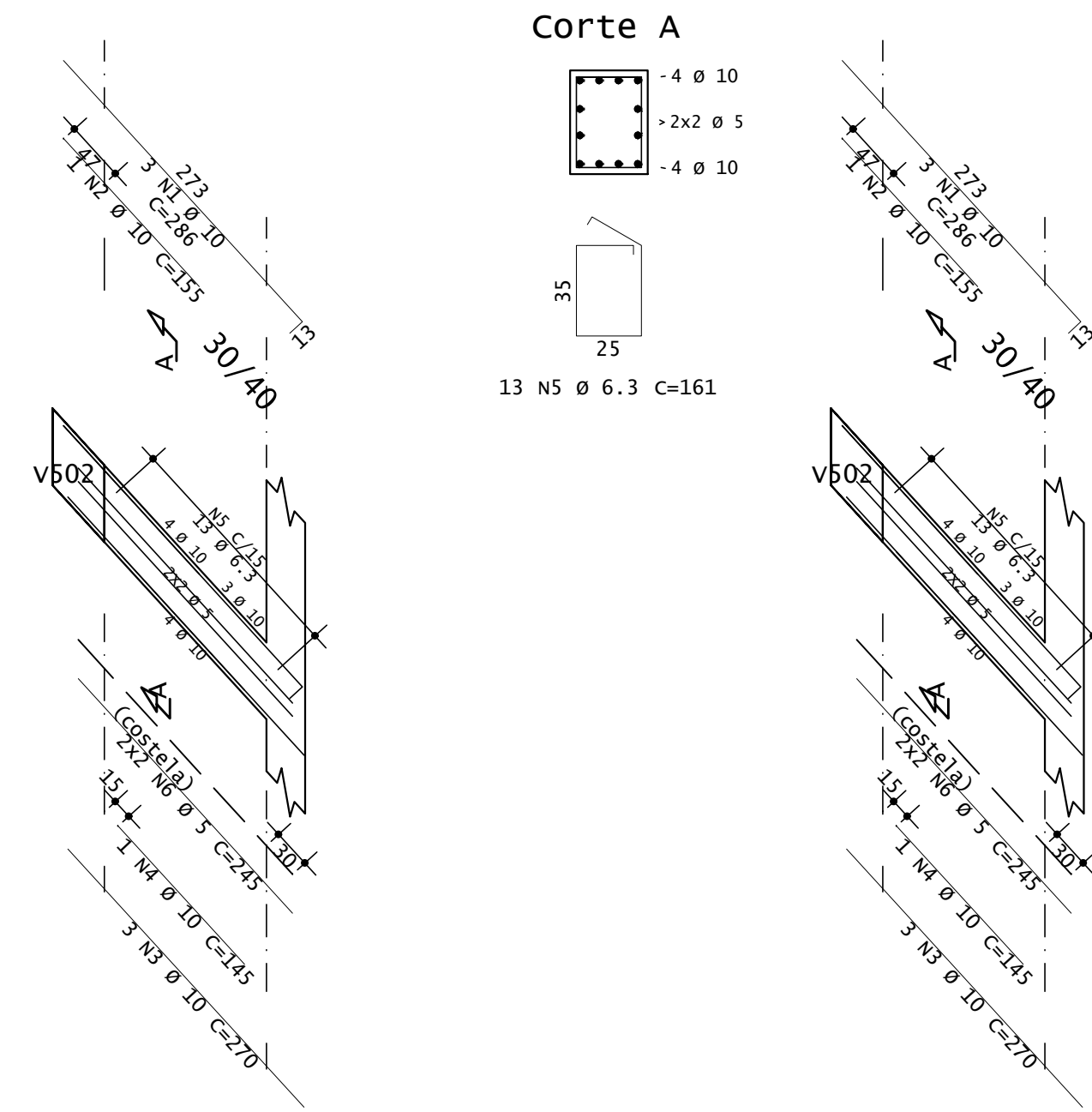
Corte A

V505



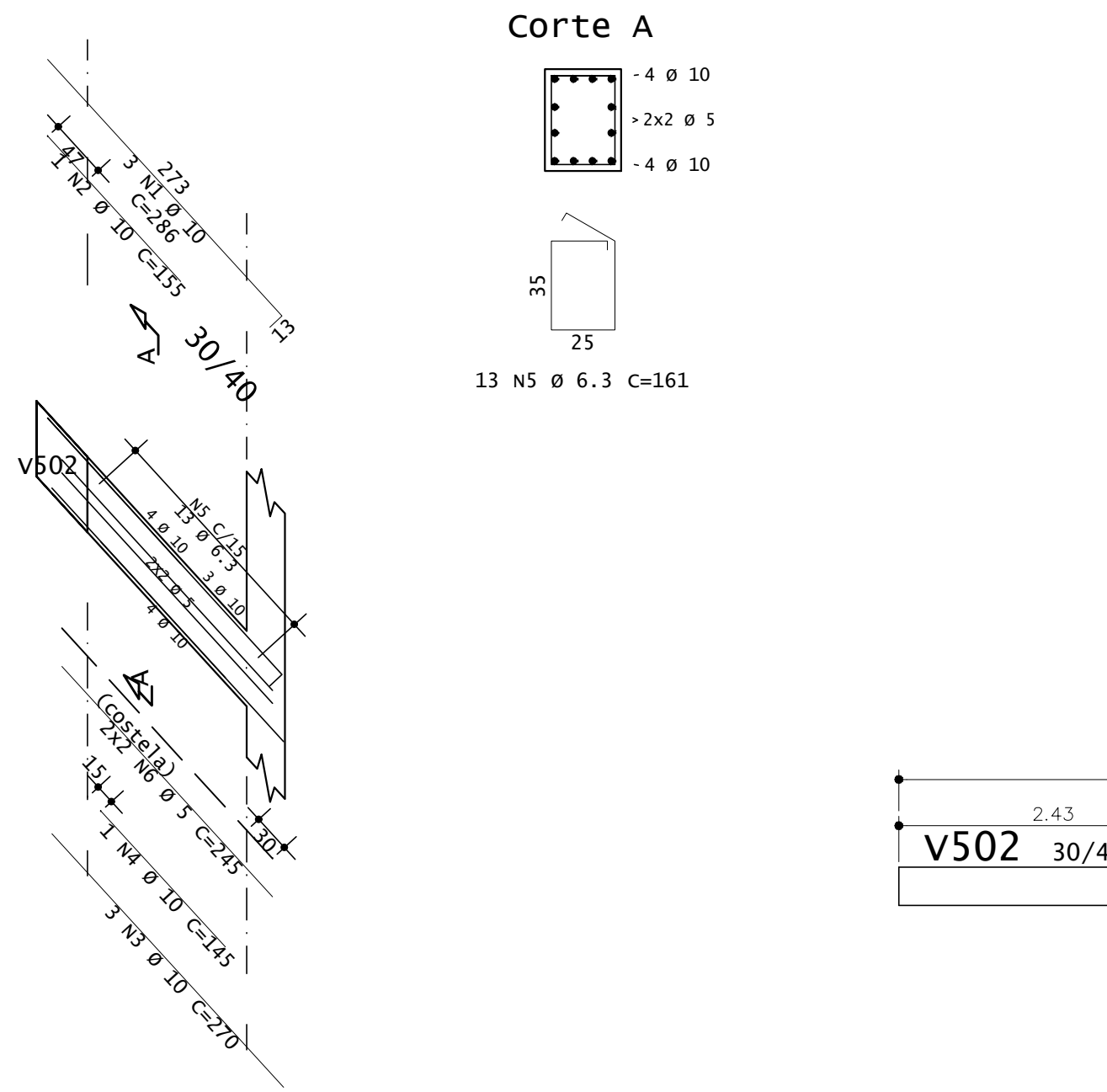
Corte A

VR1 (INCLINADA)



Corte A

VR2 (INCLINADA)



Corte A

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V501					
50A	1	10	4	300	1200
50A	2	10	4	250	1000
50A	3	6.3	11	156	1716
60A	4	5	4	218	872
V502					
50A	1	12.5	4	1045	4180
50A	2	12.5	2	500	1000
50A	3	10	4	1026	4104
50A	4	8	63	163	10269
50A	5	8	4	995	3980
V503					
50A	1	10	4	300	1200
50A	2	10	4	250	1000
50A	3	6.3	11	156	1716
60A	4	5	4	218	872
V504					
50A	1	12.5	4	235	940
50A	2	10	4	185	740
50A	3	6.3	7	181	1267
50A	4	8	6	155	930
V505					
50A	1	12.5	4	235	940
50A	2	10	4	185	740
50A	3	6.3	7	181	1267
50A	4	8	6	155	930
VR1					
50A	1	10	3	286	858
50A	2	10	1	155	155
50A	3	10	3	270	810
50A	4	10	1	145	145
50A	5	6.3	13	161	2093
60A	6	5	4	245	980
VR2					
50A	1	10	3	286	858
50A	2	10	1	155	155
50A	3	10	3	270	810
50A	4	10	1	145	145
50A	5	6.3	13	161	2093
60A	6	5	4	245	980

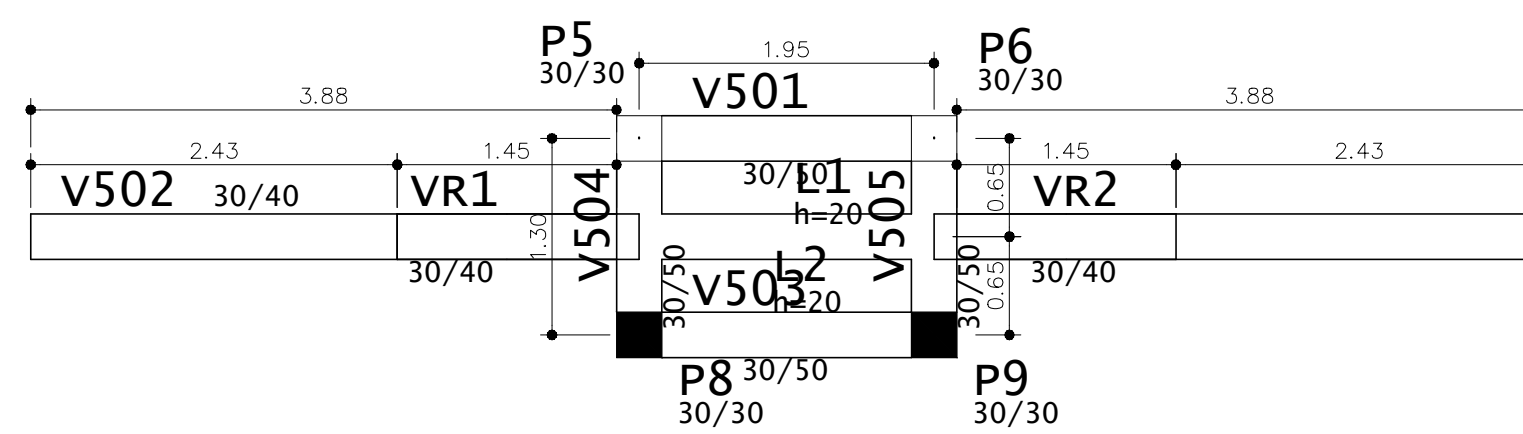
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		m	kgf
60A	5	37	6
50A	6.3	102	25
50A	8	161	64
50A	10	139	86
50A	12.5	71	68
Peso Total		60A =	6 kgf
Peso Total		50A =	242 kgf

NOTAS:

- CONFIRAR MEDIDAS NO LOCAL
- MEDIDAS EM METROS E CENTIMETROS
- FCR LAJES = 30MPA
- DETALHES VIGAS EM PRACHA ANEXO
- RETIRADA ESCORAMENTO:
- FORRO LAJE: 15 DIAS
- FUNDO DE VIGAS: 28 DIAS

LEGENDA/PILARES

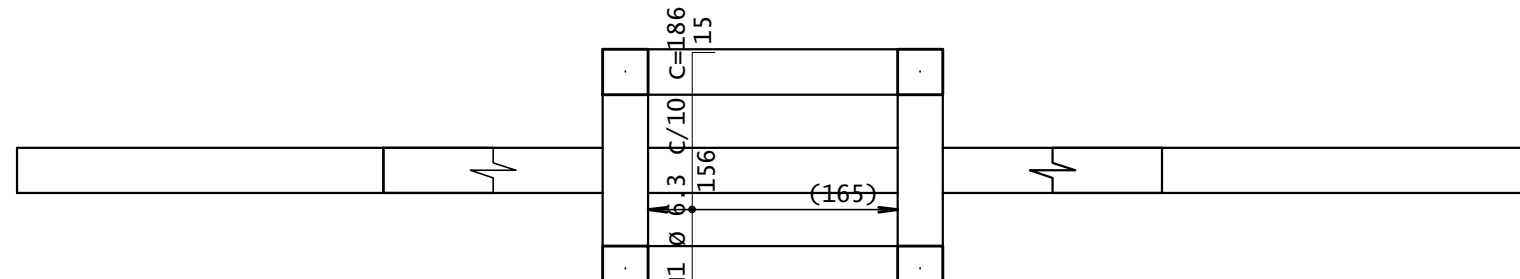
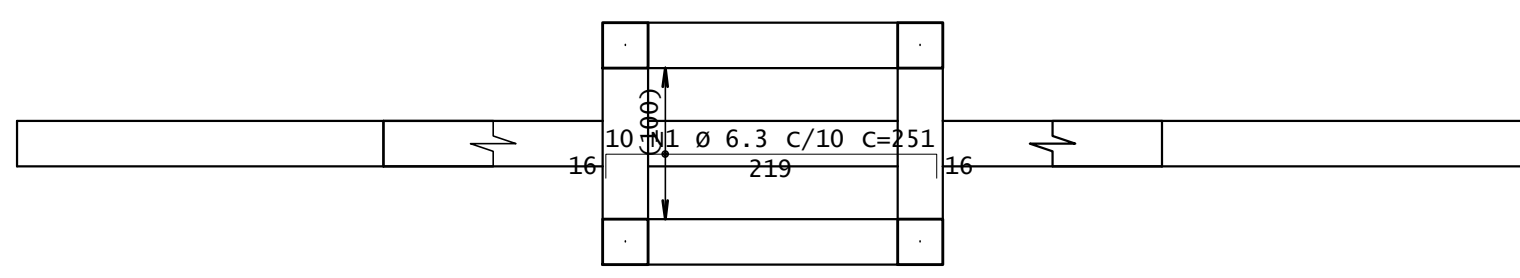
- PILAR QUE NASCE
- PILAR QUE CONTINUA
- PILAR QUE MORRE



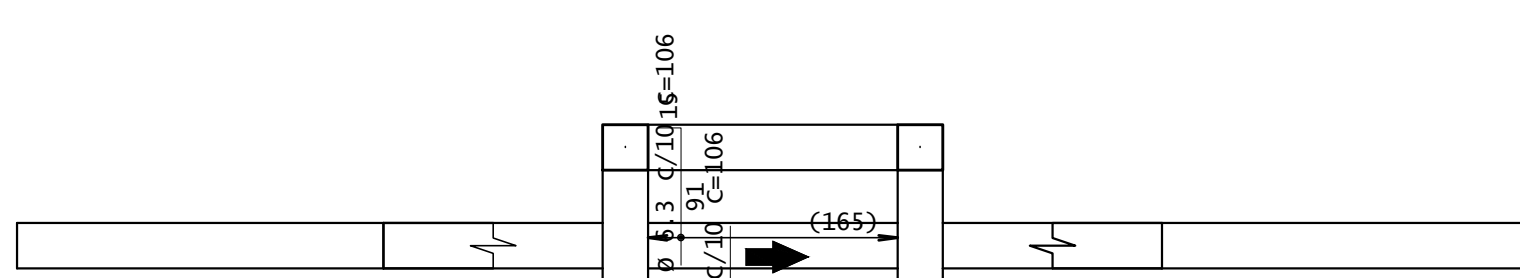
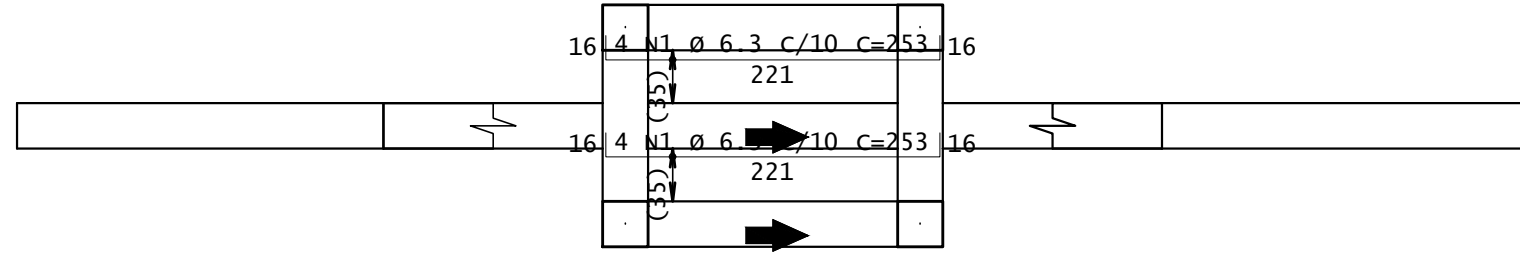
FORMAS 4º PAV.

ESCALA: 1:50

Armadura positiva



Armadura negativa



AÇO	POS	BIT	QUANT	COMPRIMENTO	
		mm		UNIT	TOTAL
				cm	cm
QUINTO - Armadura negativa principal					
50A	1	6.3	10	251	2510
60A	2	5	1	1140	1140
QUINTO - Armadura negativa secundaria					
50A	1	6.3	17	186	3162
QUINTO - Armadura positiva principal					
50A	1	6.3	8	253	2024
QUINTO - Armadura positiva secundaria					
50A	1	6.3	34	106	3604

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		m	kgf
60A	5	11	2
50A	6.3	113	28
Peso Total		60A =	2 kgf
Peso Total		50A =	28 kgf

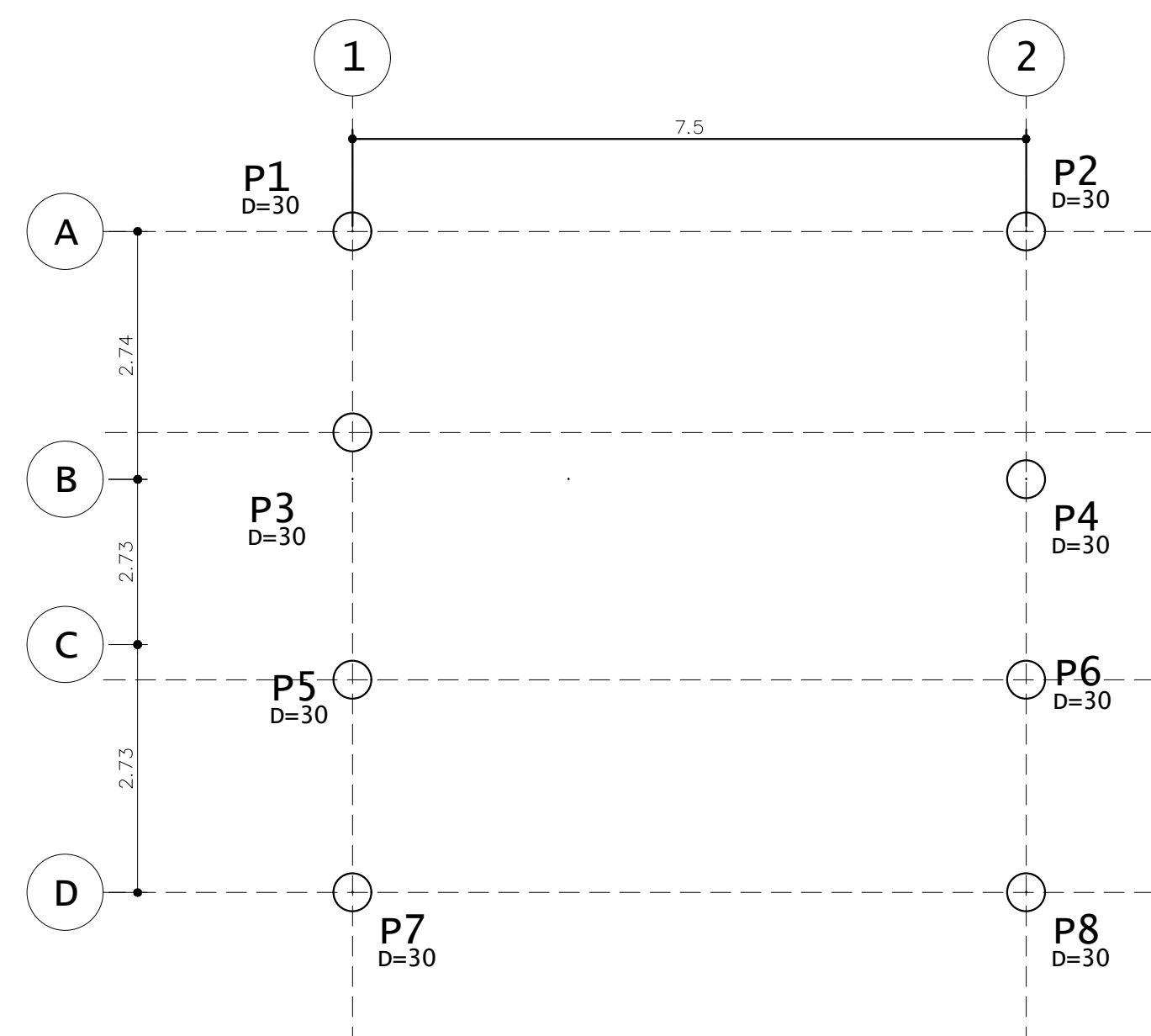


PREFEITURA MUNICIPAL DE PIMENTA

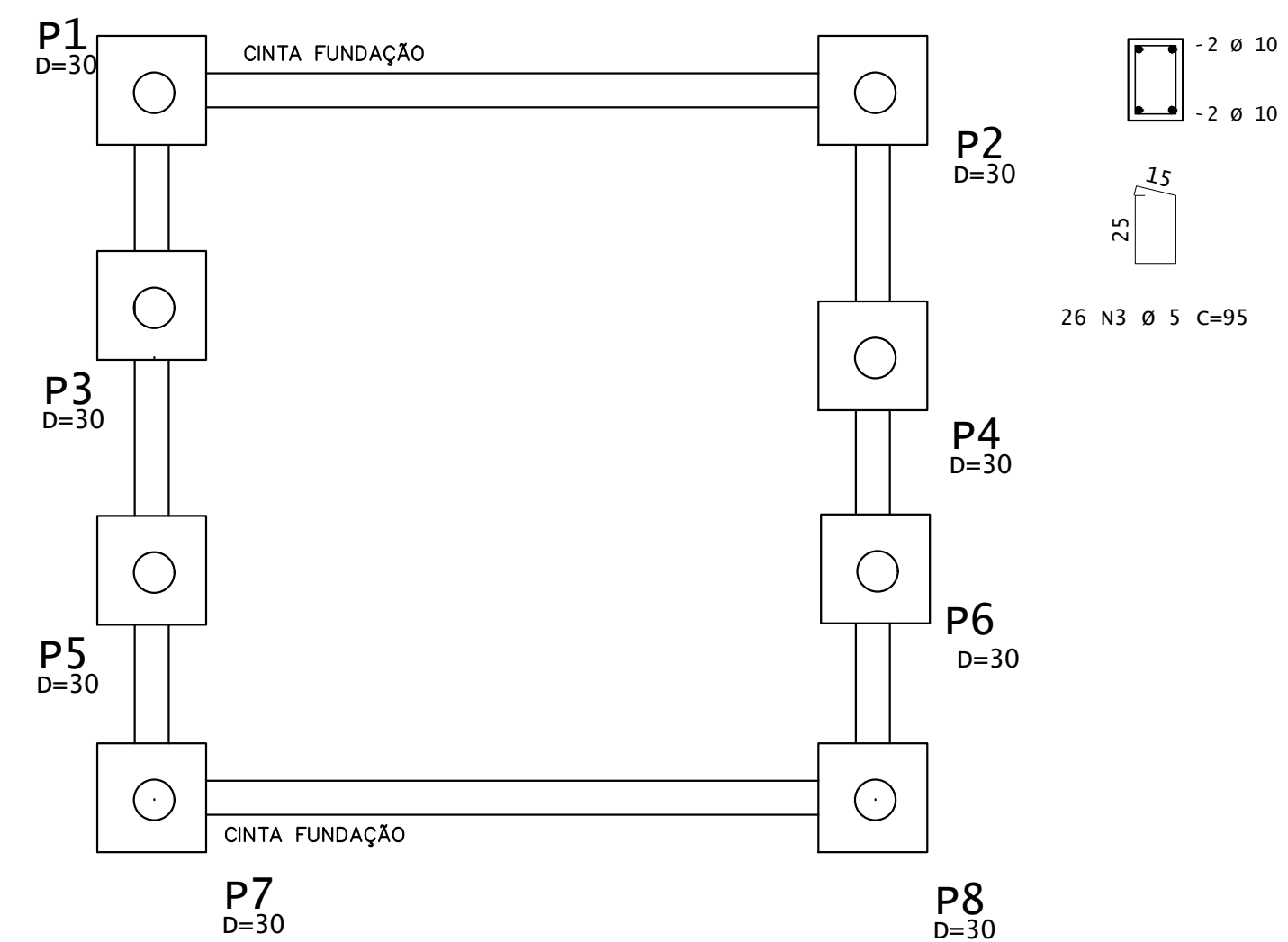
PROJETO CRISTO REDENTOR

CONSTRUÇÃO PÚBLICA

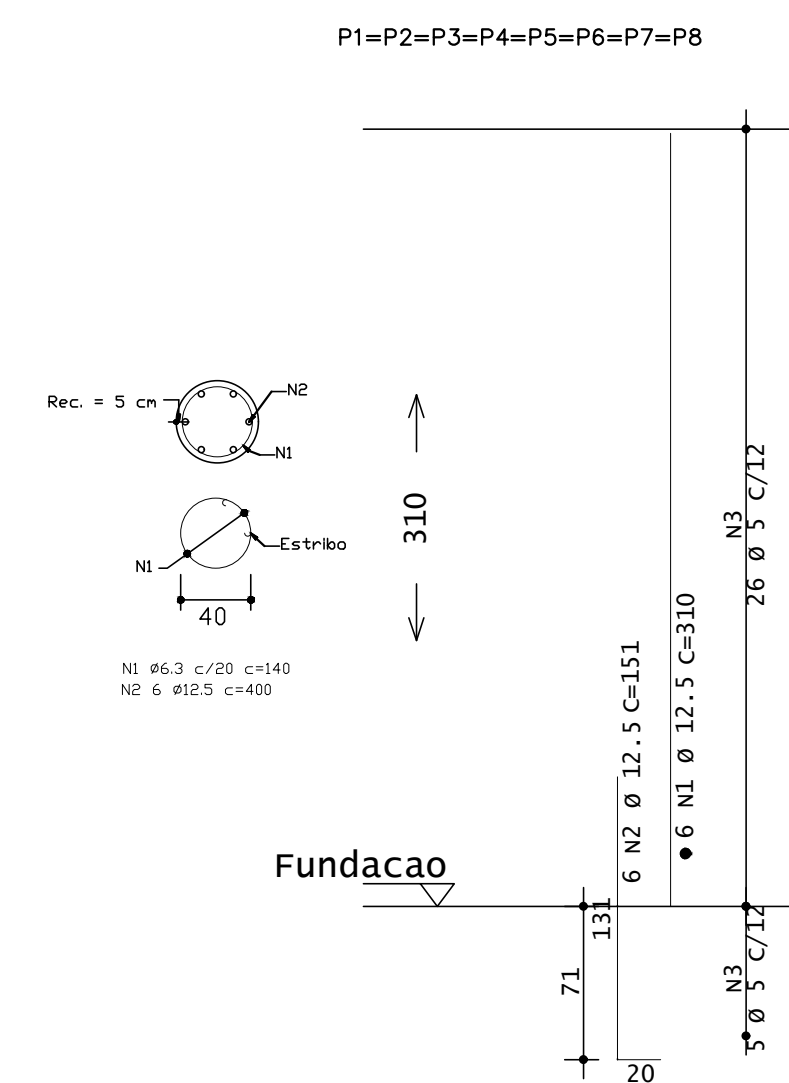
<p>ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG</p>	<p>SUBTÍTULO: PROJETO ESTRUTURAL FORMAS E VIGAS 4º PAV.</p>	<p>DESENHO: RENAN GARCIA</p>
<p>PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA</p>		
<p>RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D</p>		<p>FOLHA 09/09</p>



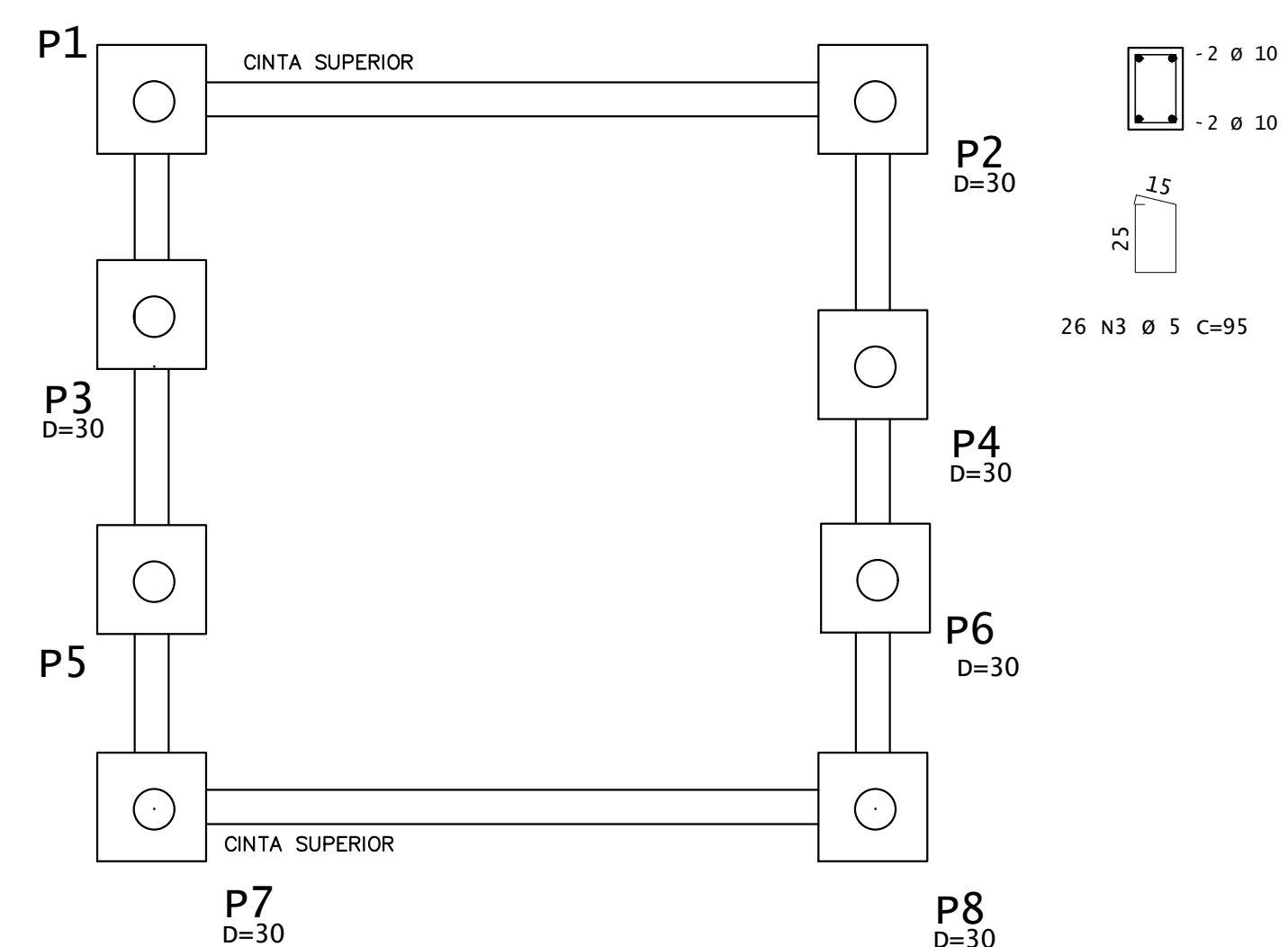
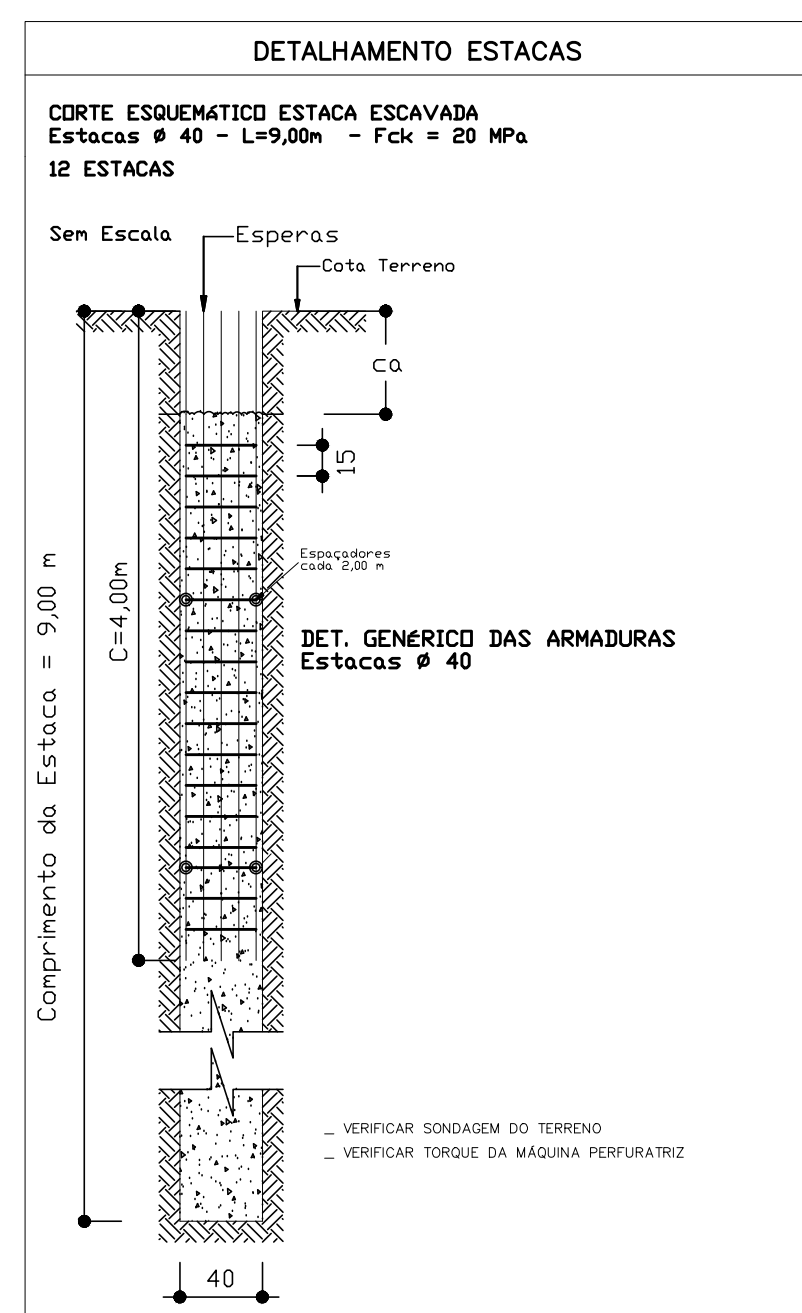
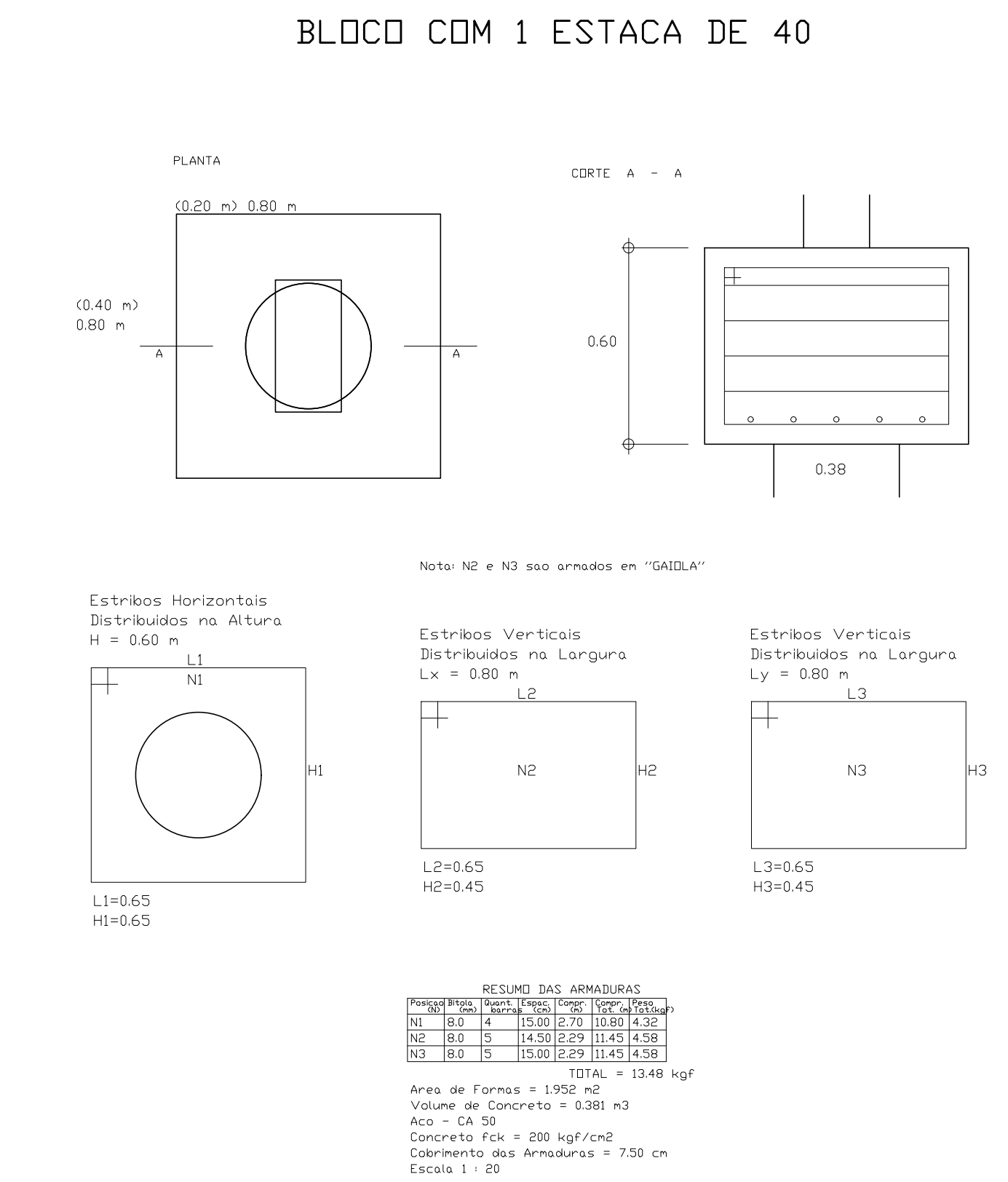
LOCAÇÃO PILARES
ESCALA 1:50



FORMAS FUNDAÇÃO NÍVEL -0.30
ESCALA 1:50



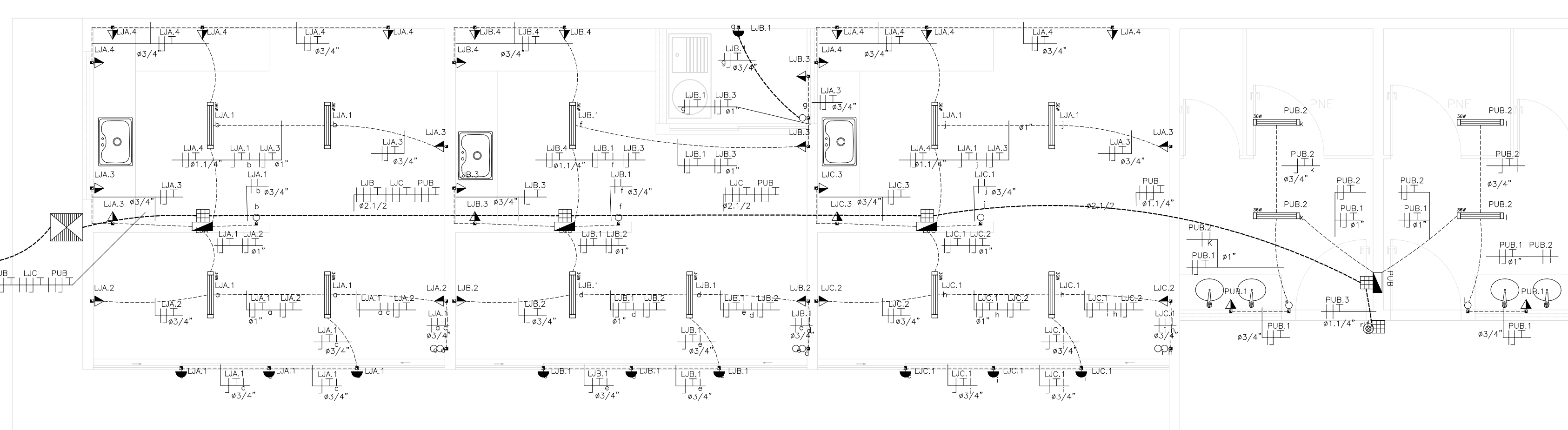
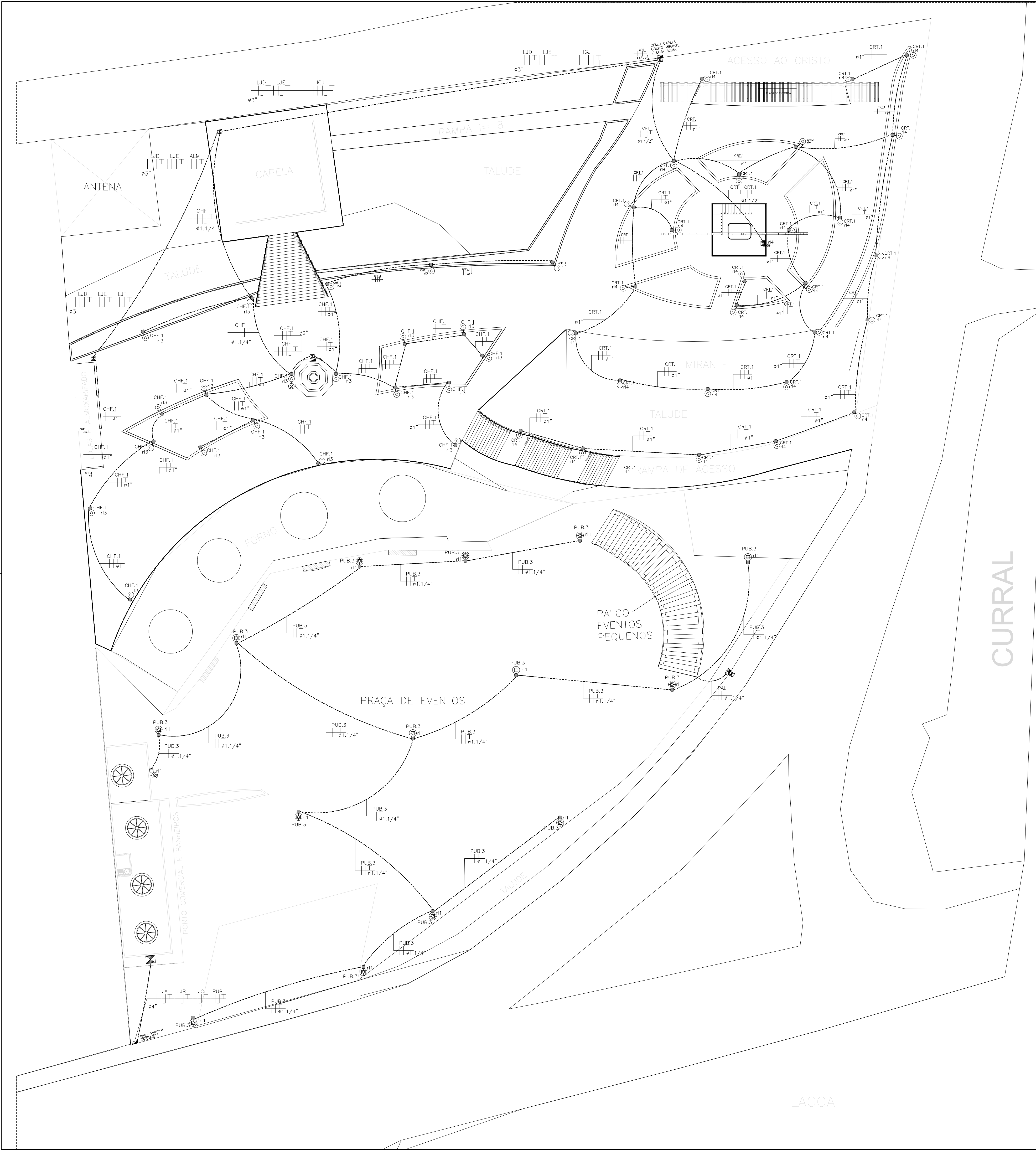
PILARES
ESCALA 1:50



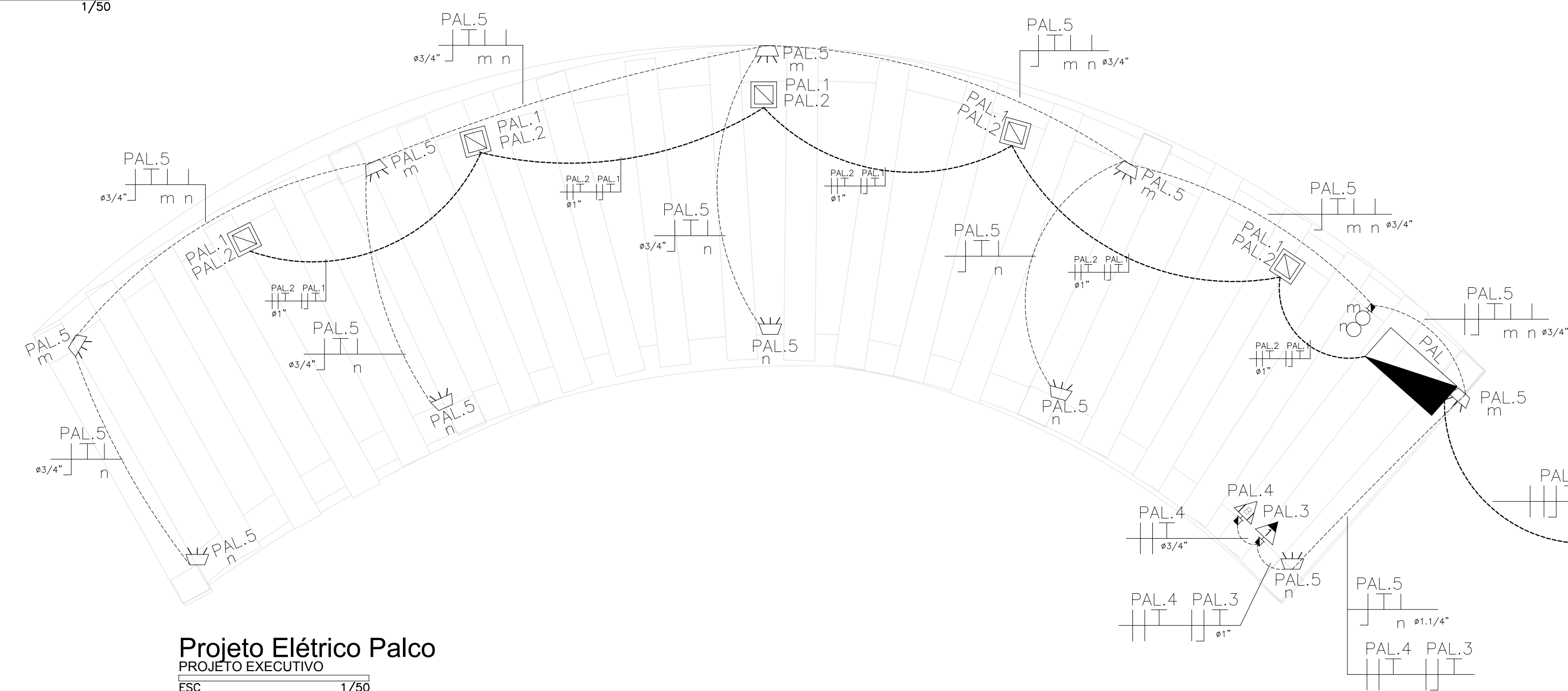
FORMAS SUPERIORES NÍVEL 2.70
ESCALA 1:50

- NOTAS:**
- CONFIRAR MEDIDAS NO LOCAL
 - MEDIDAS EM METROS E CENTIMETROS
 - FCk LAJES = 30MPa
 - DETALHES VIGAS EM PRACHA ANEXO
 - RETIRADA ESCORAMENTO:
 - FORRO LAJE: 15 DIAS
 - FUNDO DE VIGAS: 28 DIAS
- LEGENDA/PILARES**
- PILAR QUE NASCE
 - PILAR QUE CONTINUA
 - PILAR QUE MORRE

PREFEITURA MUNICIPAL DE PIMENTA		
PROJETO CRISTO REDENTOR CONSTRUÇÃO PÚBLICA		
ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO ESTRUTURAL LOCAÇÃO PILARES- CAPELA	DESENHO: RENAN GARCIA
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG: 65.065/D	FOLHA ÚNICA	



Projeto Elétrico Banheiros
 PROJETO EXECUTIVO
 ESC 1/50
 PIMENTA/MG

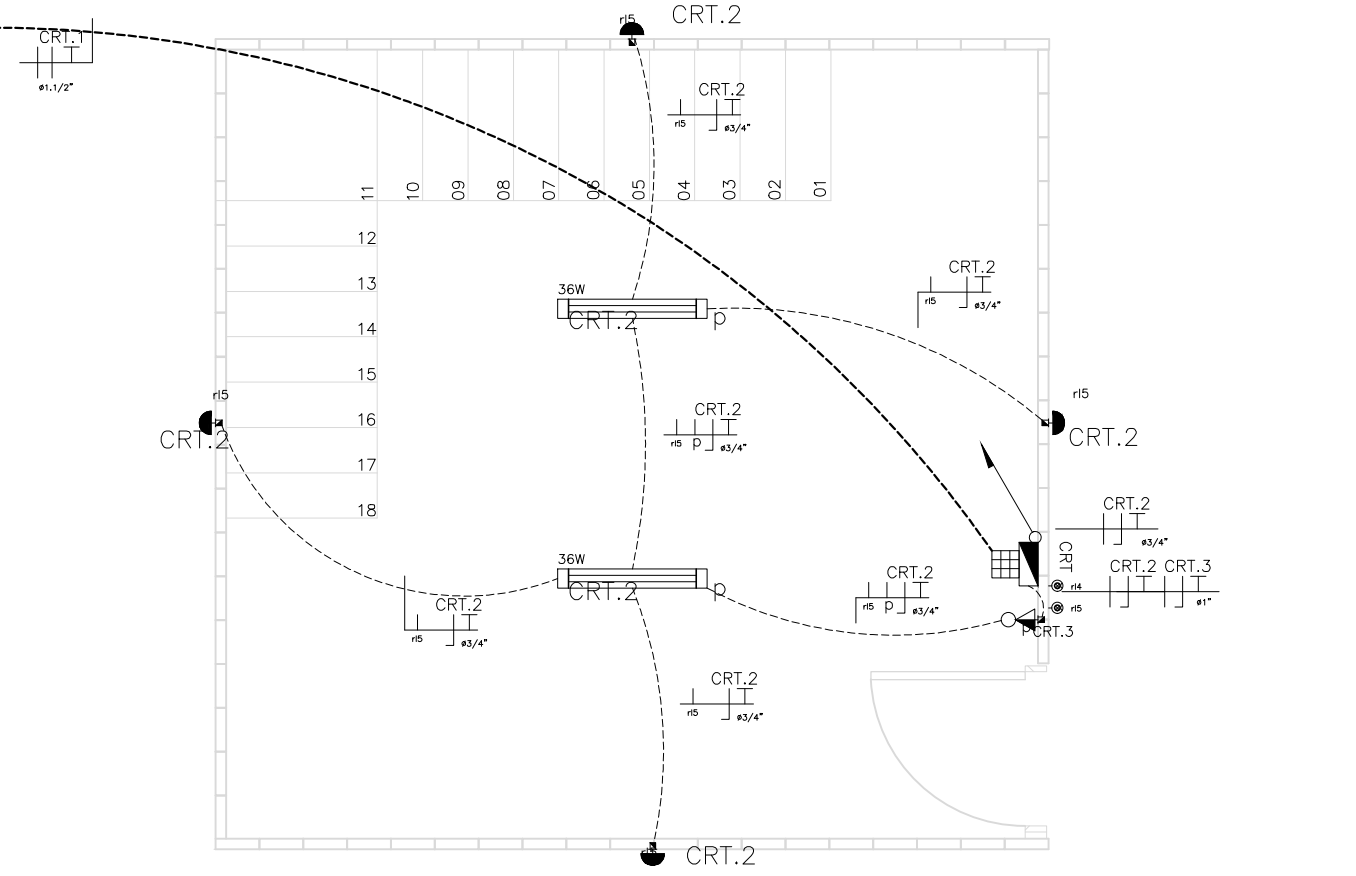


Projeto Elétrico Palco
 PROJETO EXECUTIVO
 ESC 1/50
 PIMENTA/MG

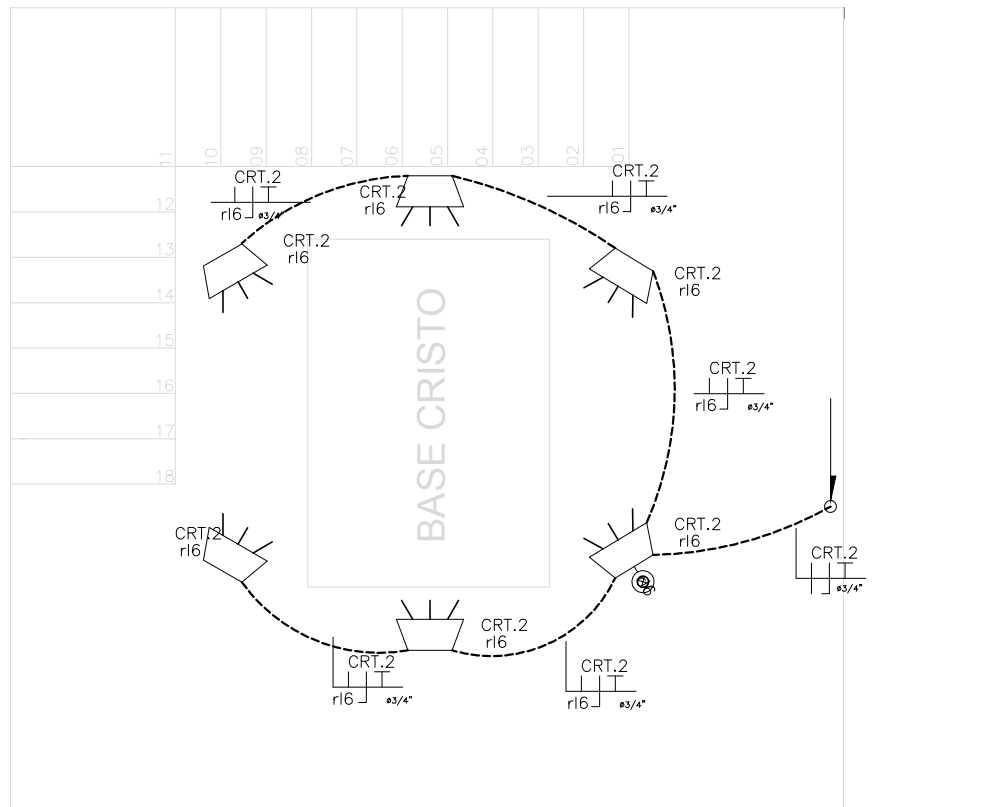
SÍMBOLO	DESCRIÇÃO
☐	Quadro de distribuição de circuitos, embutido no parede em 1.20m do solo no piso.
☐	Caixa interruptor simples, embutido no solo 24", embutido no parede e 1.20m do solo no piso.
☐	Caixa de conexão de 20 ou 30 tomadas monofásicas, no cor branco, 10A, 100 1413K, embutido no parede em 24", em 1.20m do solo no piso.
☐	Caixa de conexão de 20 ou 30 tomadas trifásicas, no cor branco, 10A, 100 1413K, embutido no parede em 24", em 1.20m do solo no piso.
☐	Banco elétrico, no cor branco, 10A, 100 1413K, embutido no parede em 24", em 1.20m do solo no piso.
☐	Banco elétrico, no cor branco, 10A, 100 1413K, embutido no parede e 1.20m do solo no piso.
☐	Banco elétrico monofásico e trifásico, no cor branco, 10A, 100 1413K, embutido no solo 24", no piso.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.
☐	Letreiro que associa um circuito para LED (código indica 180/120V). Para letreiros com LED (código indica 180/240V). Código de 180/120V indica que o letreiro deve ser ligado em 180V/120V. Código de 180/240V indica que o letreiro deve ser ligado em 180V/240V.

SÍMBOLOGIA	DESCRIÇÃO
---	Condutor neutro, fase, retorno, retorno paralelo, terra, retorno não e comando, respectivamente.
---	Estroado embutido no parede ou teto
---	Estroado embutido no piso
—○—	Indicativo de conduto que sale.
—○—	Indicativo de conduto que desce.
—○—	Indicativo de diâmetro de eletroduto, em mm.

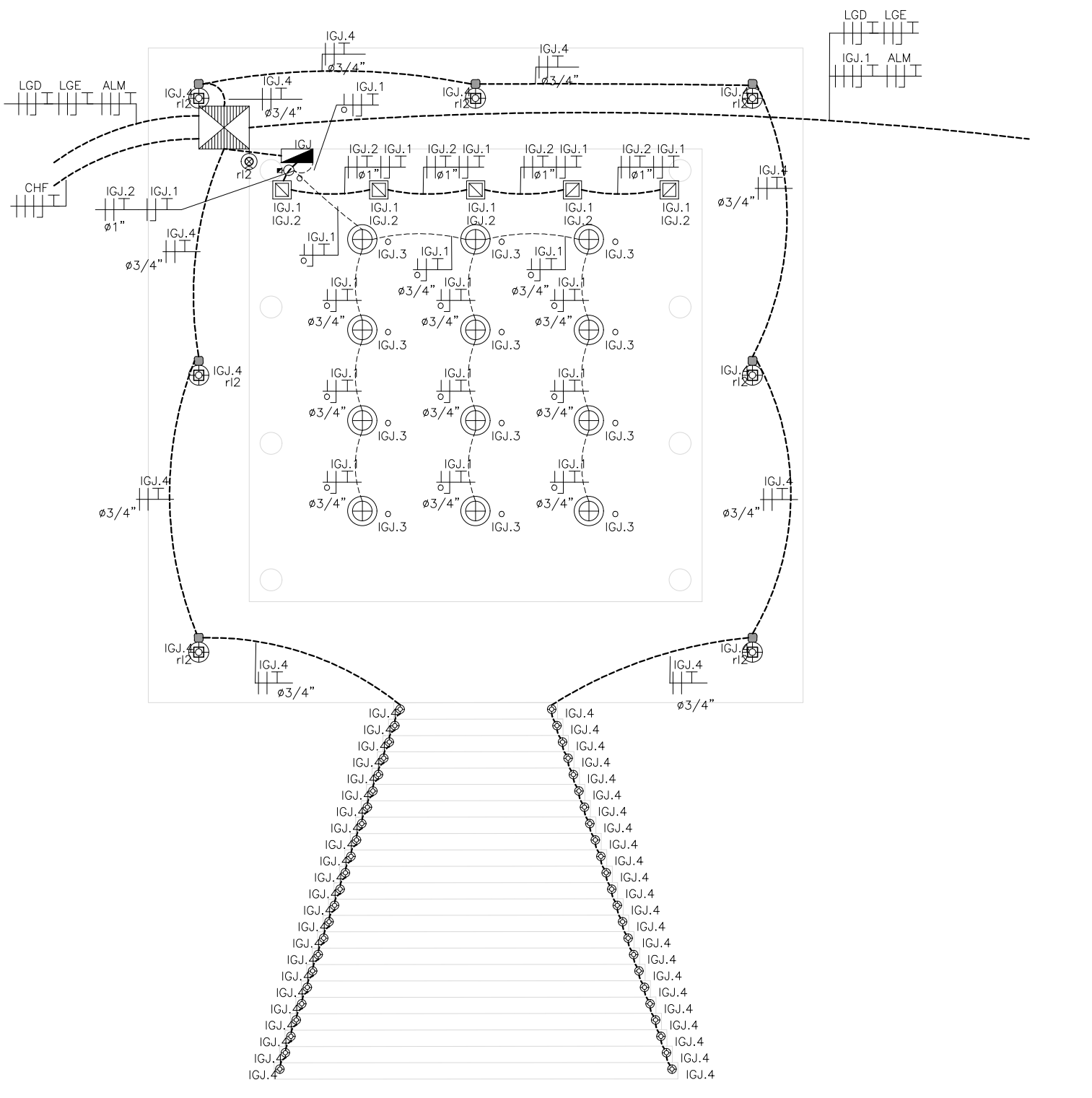
Projeto Elétrico Palco
 PROJETO EXECUTIVO
 ESC 1/50
 PIMENTA/MG



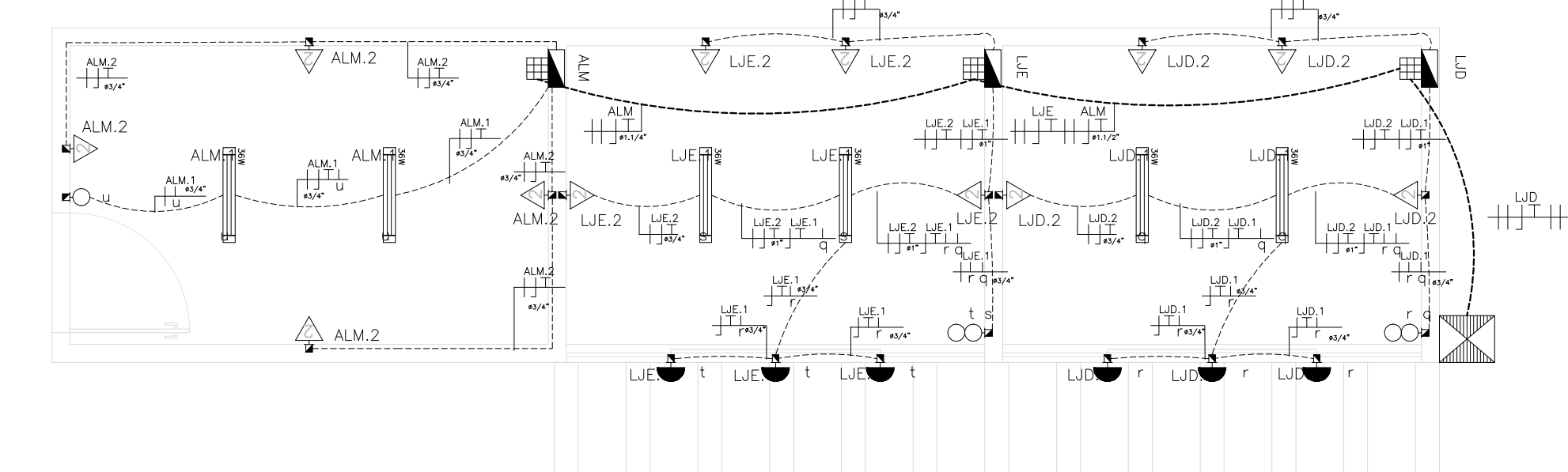
Projeto elétrico Cristo
 PROJETO EXECUTIVO PLANTA BAIXA
 ESC 1/50
 PIMENTA/MG



Projeto elétrico Cristo
 PROJETO EXECUTIVO PLANTA BAIXA
 ESC 1/50
 PIMENTA/MG



Projeto Elétrico Almoarifado e Ponto Comercial
 PROJETO EXECUTIVO
 ESC 1/50
 PIMENTA/MG



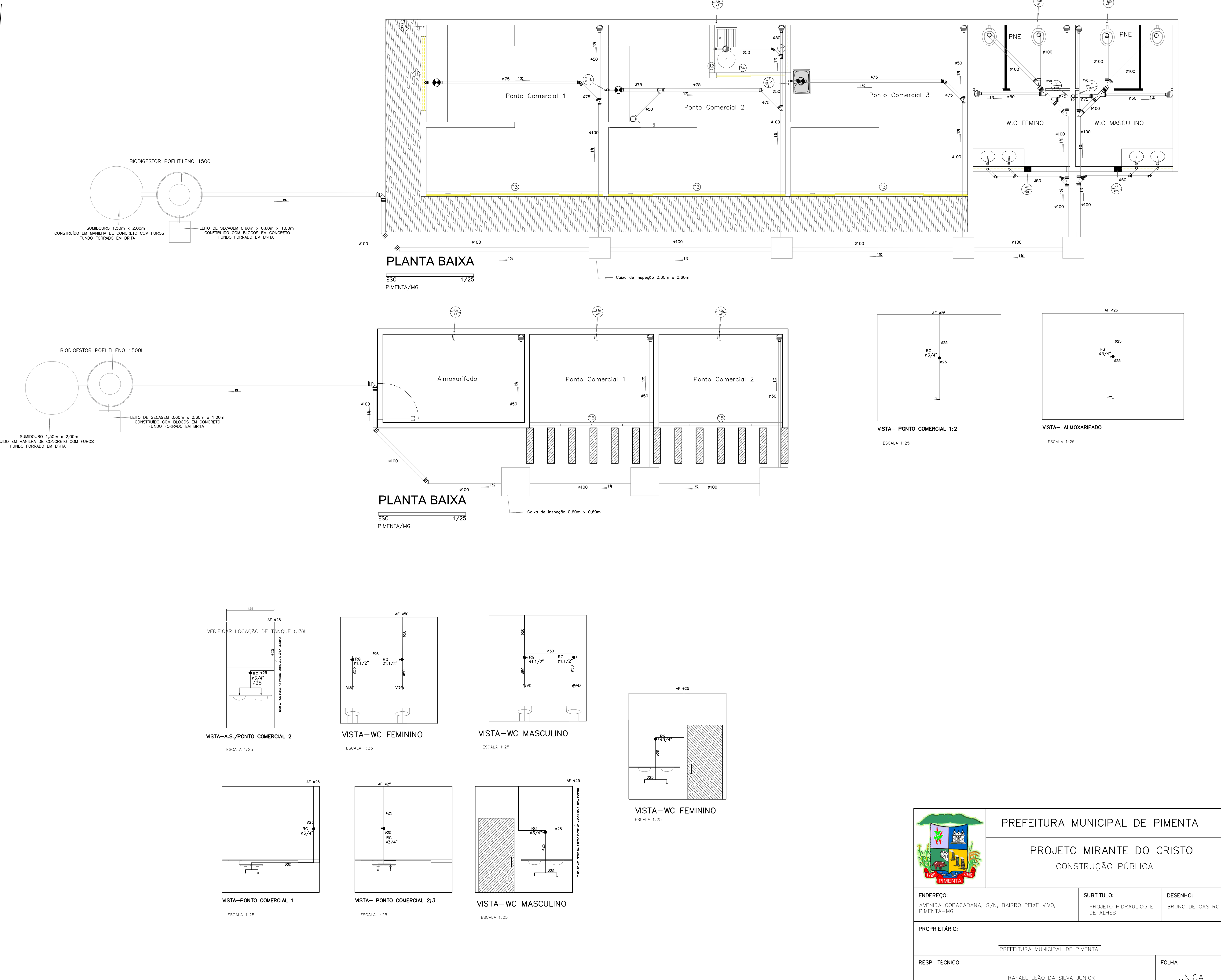
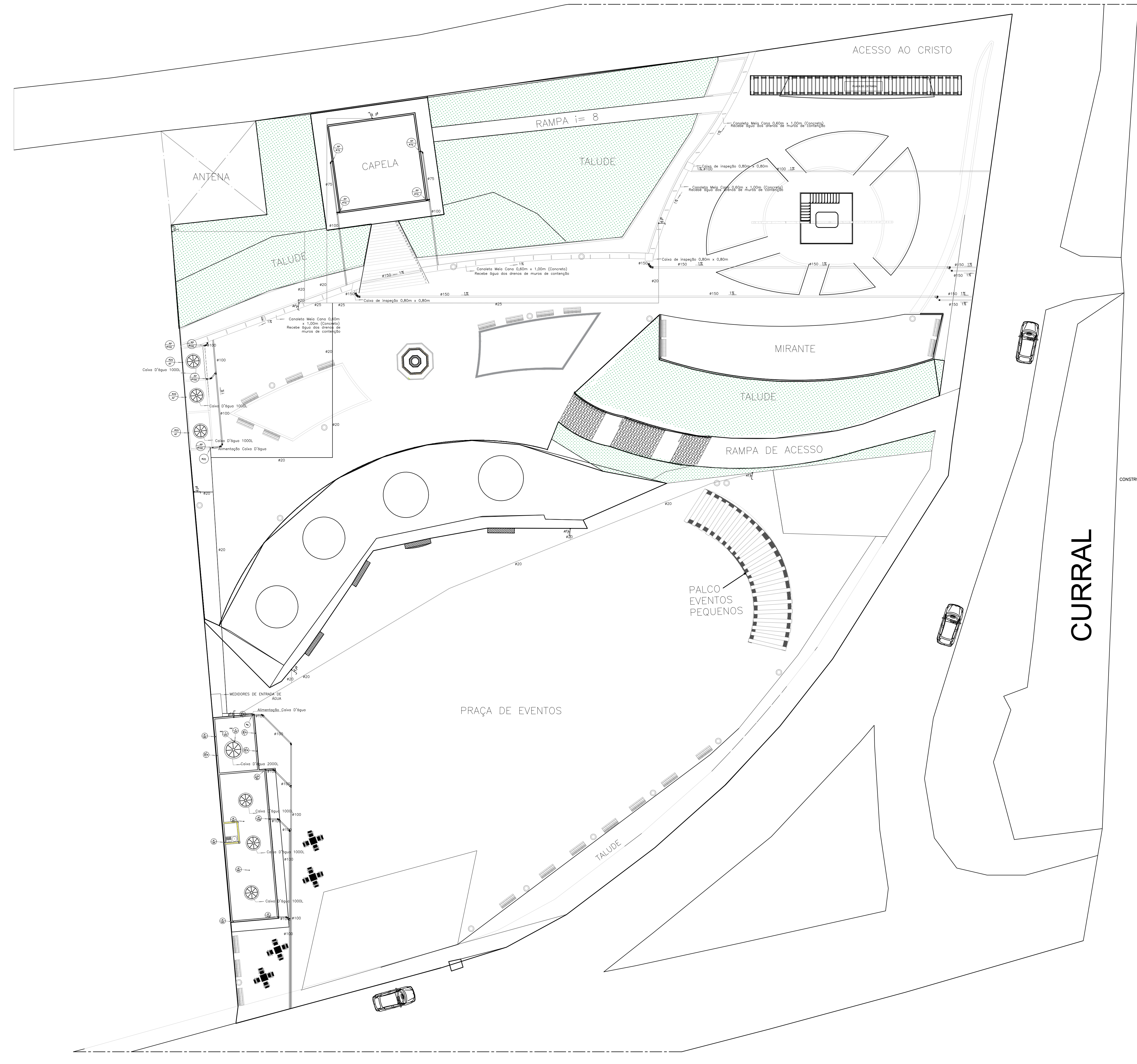
PREFEITURA MUNICIPAL DE PIMENTA

PROJETO MIRANTE DO CRISTO
 CONSTRUÇÃO PÚBLICA

ENDEREÇO: AVENIDA COPACABANA, S/N, BAIRRO PEIXE VIVO, PIMENTA-MG
 PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA
 RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR, CREA/MG: 65.065/D

SUBTÍTULO: PROJETO ELÉTRICO E DETALHES
 DESENHO: GABRIEL RODRIGUES

FOLHA: 01 / 02



 PREFEITURA MUNICIPAL DE PIMENTA		
PROJETO MIRANTE DO CRISTO CONSTRUÇÃO PÚBLICA		
ENDEREÇO: AVENIDA COPACABANA, S/N, BARRIO PEIXE VIVO, PIMENTA-MG	SUBTÍTULO: PROJETO HIDRAULICO E DETALHES	DESENHO: BRUNO DE CASTRO
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE PIMENTA		
RESP. TÉCNICO: RAFAEL LEÃO DA SILVA JUNIOR CREA/MG. 65.065/D		FOLHA ÚNICA