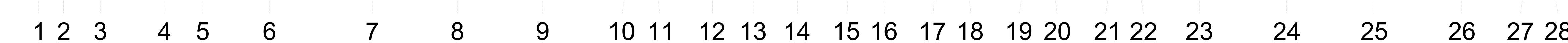


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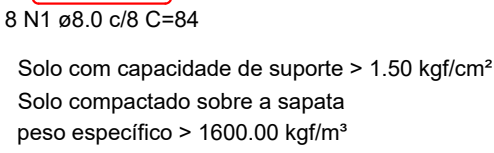
escala 1:100

RELAÇÃO DO AÇO

PLANTA
ESC 1:25

55
15
30
21
61
21
21
21
46
8 N1 ø8.0 x 8 C-39
6 N2 ø8.0 x 8 C-39

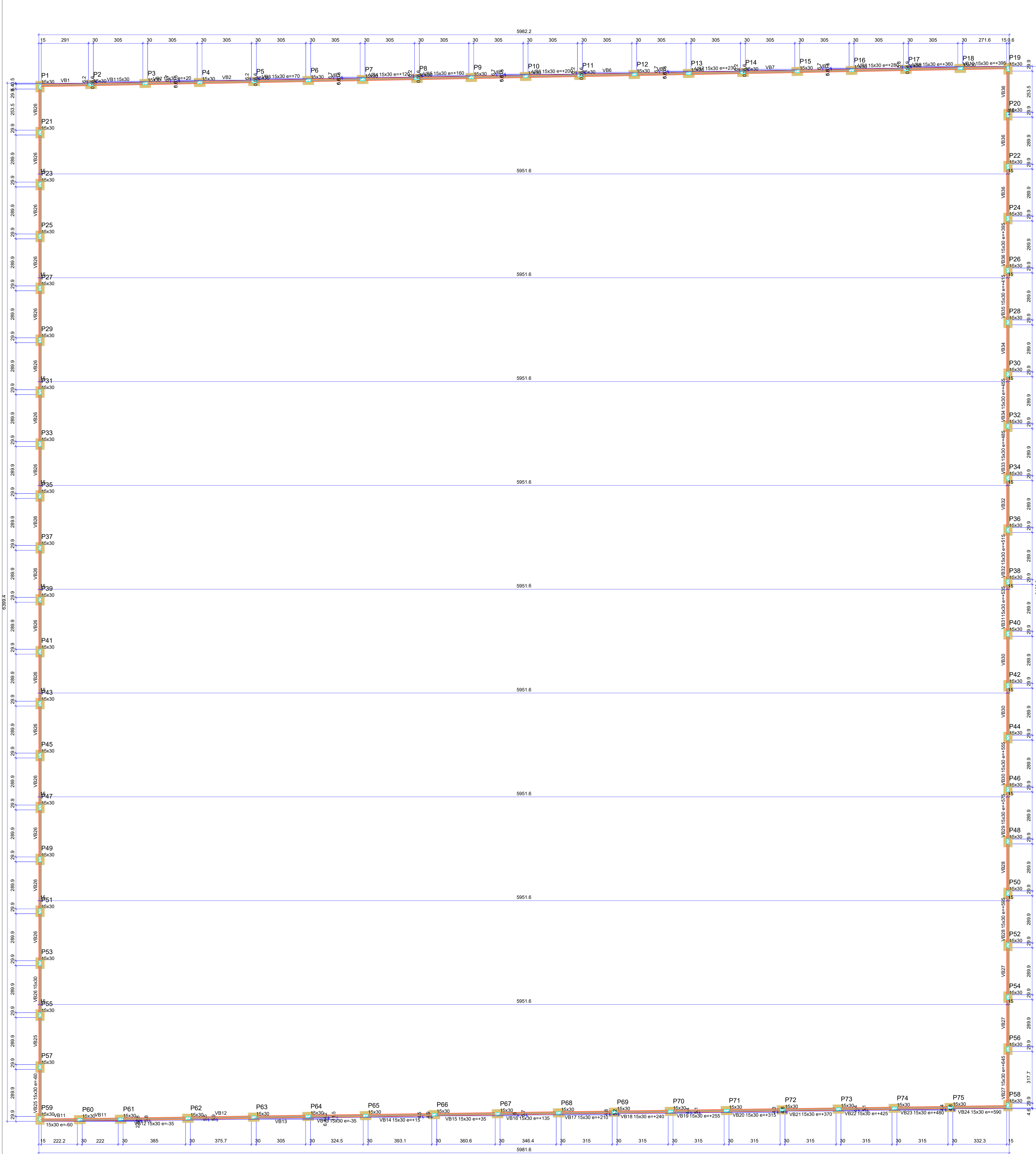
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapatina
peso específico > 1600.0 kgf/cm³



RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	949.5	412.1

Volume de concreto (C-25) = 10.07 m³
Área de forma = 56.25 m²

CNPJ: 03.426.238/0001-02 CEP: 78.800-000 Rua Garças, 422 nº 101 - Barra do Garças - MT		Coordenadas: 019°53'00.78" S 052°15'50.01" O	
REFORMA DO CENTRO EDUCACIONAL E CLÍNICO MULTIDISCIPLINAR			
APROVAÇÃO			
Título: Projeto Estrutural - Muro convencional			
Local: Rua Cubatã, nº137, Santo Antônio, Barra do Garças - MT			
Propriedade: Prefeitura Municipal Barra do Garças			
Propriedade:		Autor do projeto:	
Prefeitura Municipal de Barra do Garças 03.439.238/0001-50		Vinícius Gherardi Gentes CREA-MT 57734	
Área Construída: 1506,25m²	Dimensões: Centímetros	Escala: Indizada	
Projeto: CAD	Data: Maio/2026	Proprietário: VINICIUS	



Vigas			
Nome	Seção	Elevação (cm)	Nível (cm)
VB1	15x30	0	0
VB2	15x30	20	20
VB3	15x30	70	70
VB4	15x30	120	120
VB5	15x30	160	160
VB6	15x30	200	200
VB7	15x30	230	230
VB8	15x30	280	280
VB9	15x30	360	360
VB10	15x30	395	395
VB11	15x30	450	450
VB12	15x30	35	35
VB13	15x30	35	35
VB14	15x30	15	15
VB15	15x30	35	35
VB16	15x30	135	135
VB17	15x30	210	210
VB18	15x30	240	240
VB19	15x30	255	255
VB20	15x30	315	315
VB21	15x30	370	370
VB22	15x30	425	425
VB23	15x30	480	480
VB24	15x30	590	590
VB25	15x30	645	645
VB26	15x30	695	695
VB27	15x30	645	645
VB28	15x30	595	595
VB29	15x30	575	575
VB30	15x30	555	555
VB31	15x30	535	535
VB32	15x30	515	515
VB33	15x30	485	485
VB34	15x30	455	455
VB35	15x30	415	415
VB36	15x30	385	385

Características dos materiais		
fca	Ecp	fctd
250	24100	24100

Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção	Elevação (cm)	Nível (cm)
P1	15x30	0	0
P2	15x30	0	0
P3	15x30	0	0
P4	15x30	20	20
P5	15x30	20	20
P6	15x30	70	70
P7	15x30	70	70
P8	15x30	120	120
P9	15x30	160	160
P10	15x30	200	200
P11	15x30	200	200
P12	15x30	200	200
P13	15x30	200	200
P14	15x30	230	230
P15	15x30	230	230
P16	15x30	230	230
P17	15x30	280	280
P18	15x30	395	395
P19	15x30	395	395
P20	15x30	395	395
P21	15x30	0	0
P22	15x30	395	395
P23	15x30	0	0
P24	15x30	395	395
P25	15x30	0	0
P26	15x30	395	395
P27	15x30	0	0
P28	15x30	415	415
P29	15x30	0	0
P30	15x30	455	455
P31	15x30	0	0
P32	15x30	455	455
P33	15x30	0	0
P34	15x30	485	485
P35	15x30	0	0
P36	15x30	515	515
P37	15x30	0	0
P38	15x30	515	515
P39	15x30	0	0
P40	15x30	535	535
P41	15x30	0	0
P42	15x30	555	555
P43	15x30	0	0
P44	15x30	555	555
P45	15x30	555	555
P46	15x30	555	555
P47	15x30	35	35
P48	15x30	575	575
P49	15x30	0	0
P50	15x30	595	595
P51	15x30	0	0
P52	15x30	595	595
P53	15x30	0	0
P54	15x30	645	645
P55	15x30	645	645
P56	15x30	645	645
P57	15x30	645	645
P58	15x30	590	590
P59	15x30	645	645
P60	15x30	645	645
P61	15x30	35	35
P62	15x30	35	35
P63	15x30	35	35
P64	15x30	35	35
P65	15x30	35	35
P66	15x30	15	15
P67	15x30	35	35
P68	15x30	135	135
P69	15x30	210	210
P70	15x30	240	240
P71	15x30	255	255
P72	15x30	315	315
P73	15x30	370	370
P74	15x30	425	425
P75	15x30	480	480

Legenda dos pilares	
Pilar	
Legenda das vigas e paredes	
Viga	

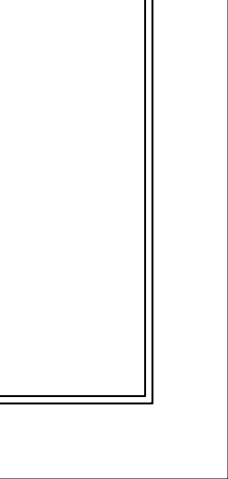
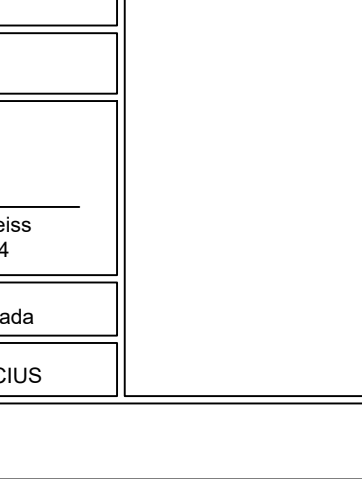
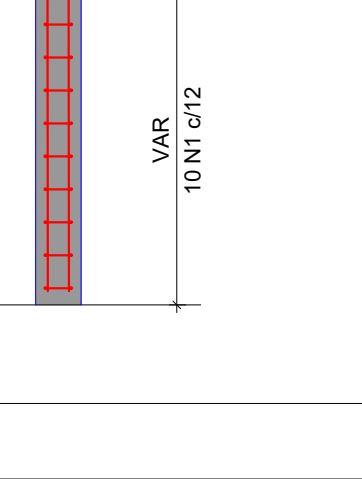
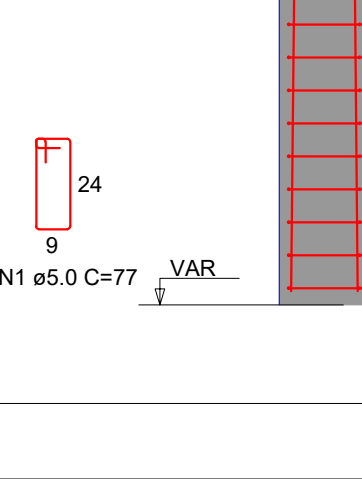
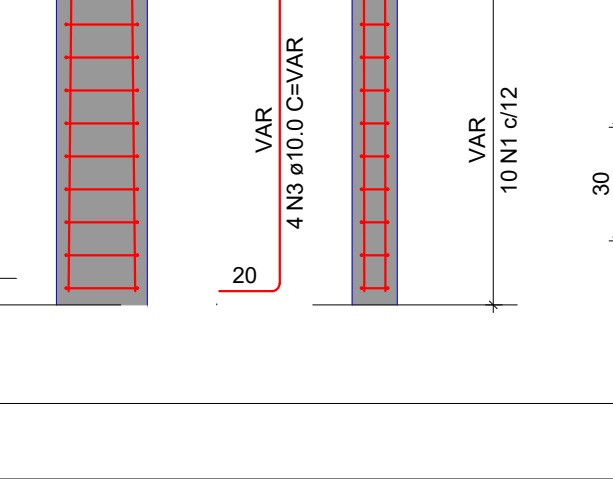
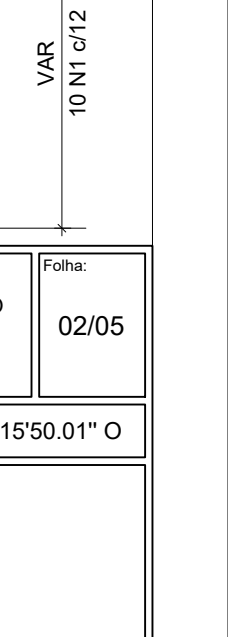
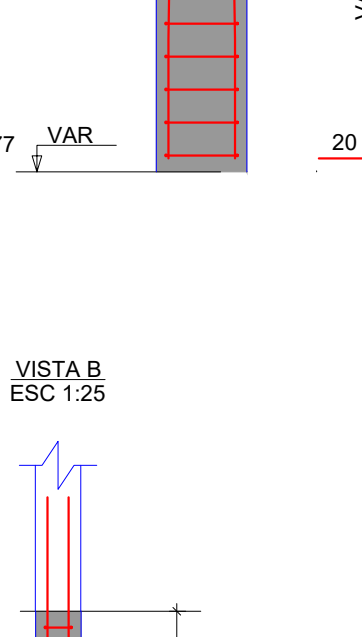
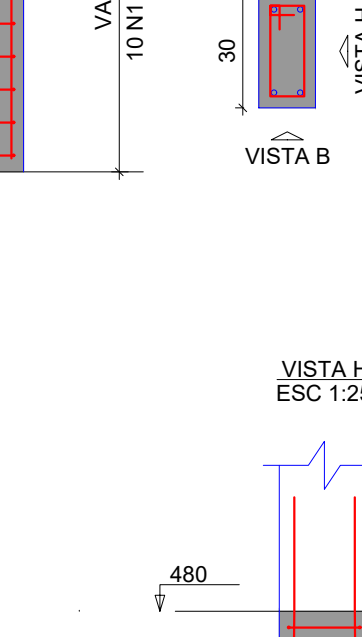
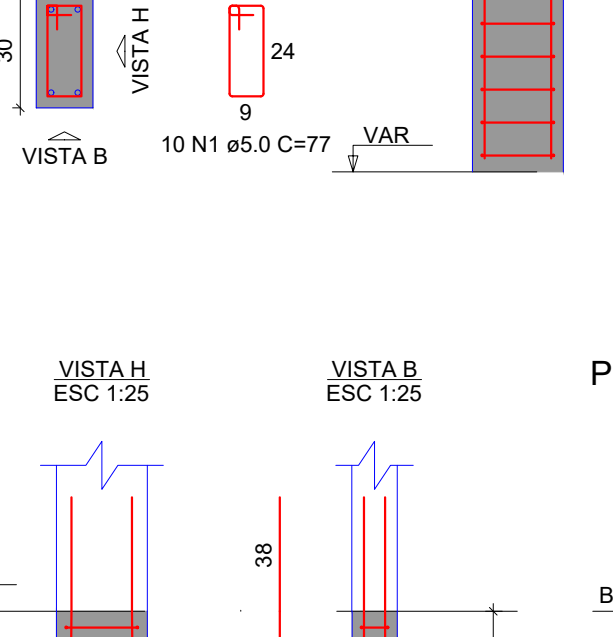
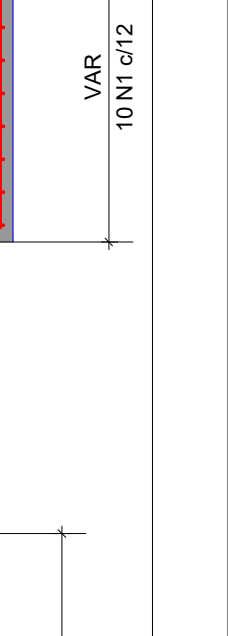
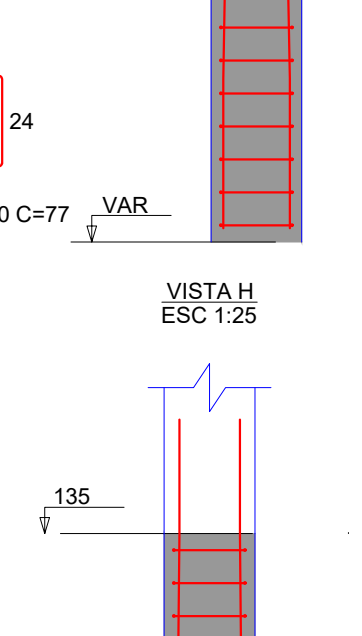
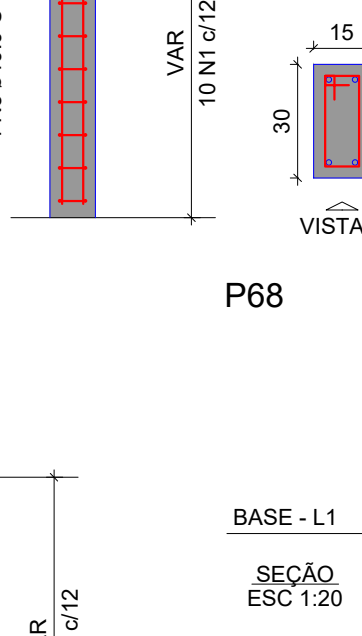
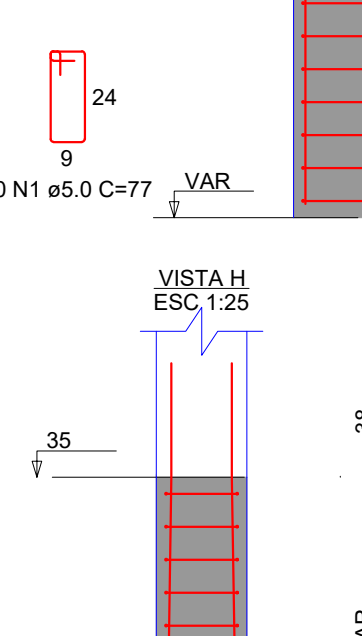
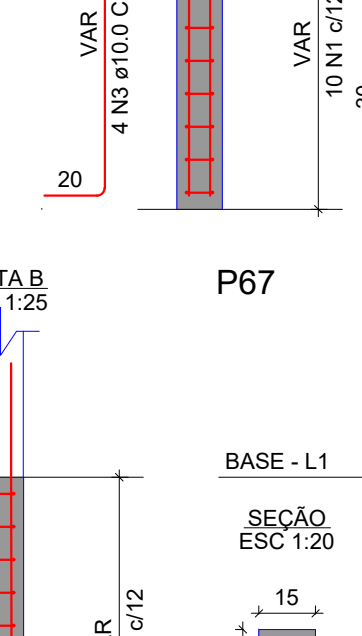
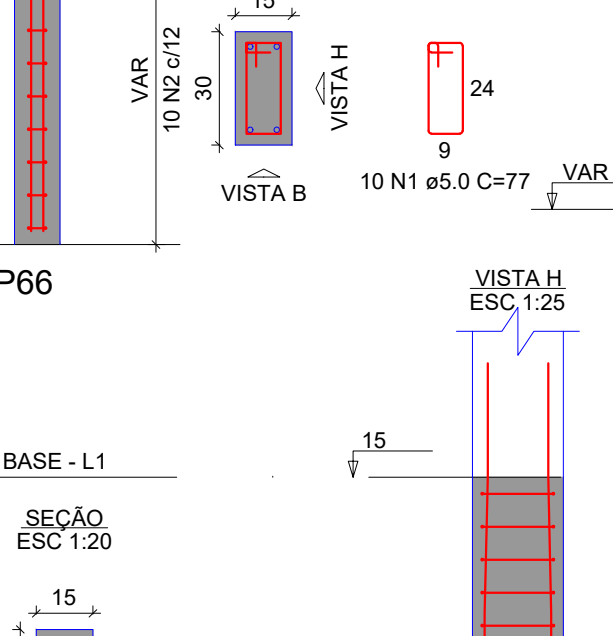
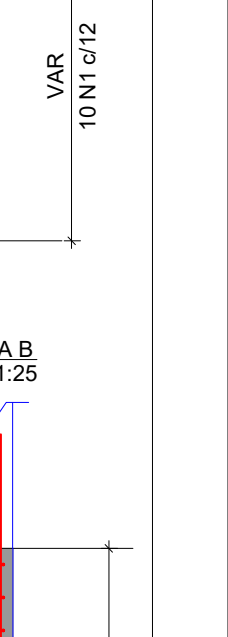
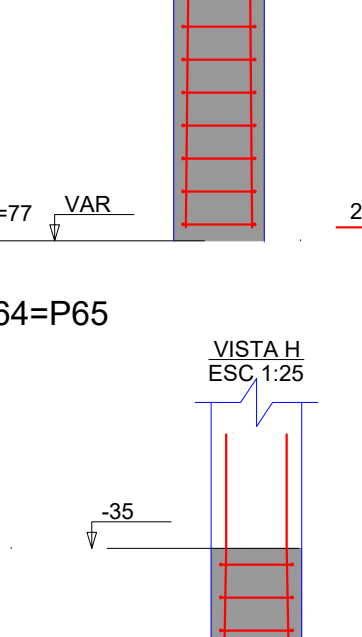
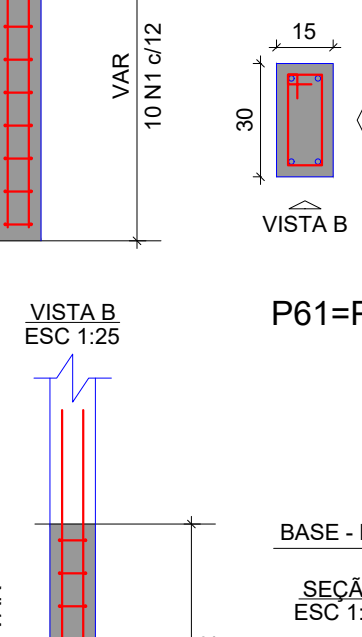
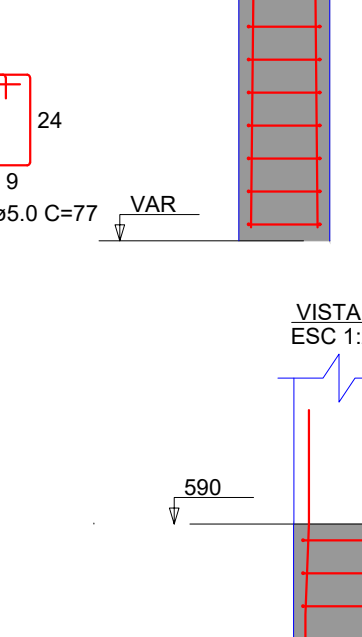
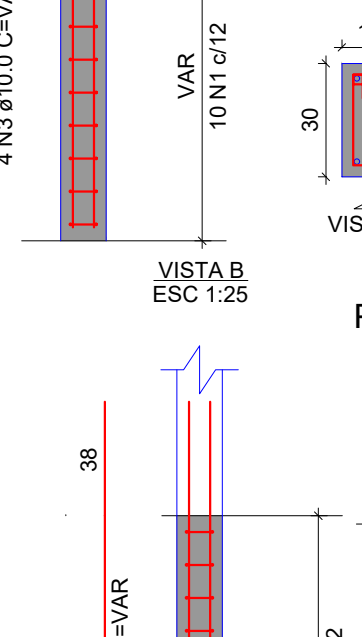
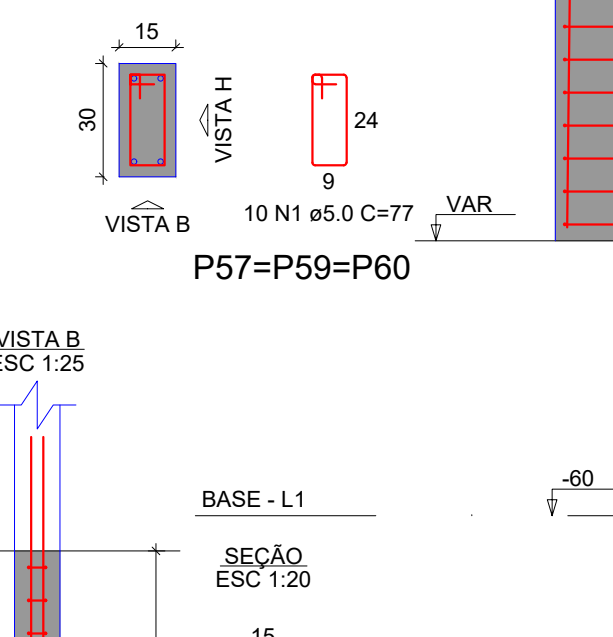
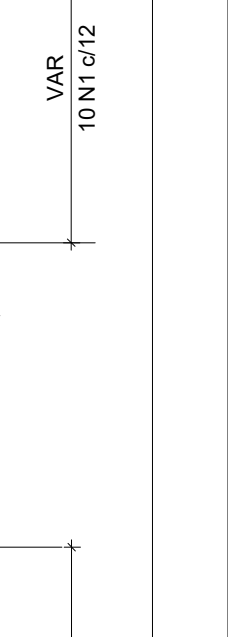
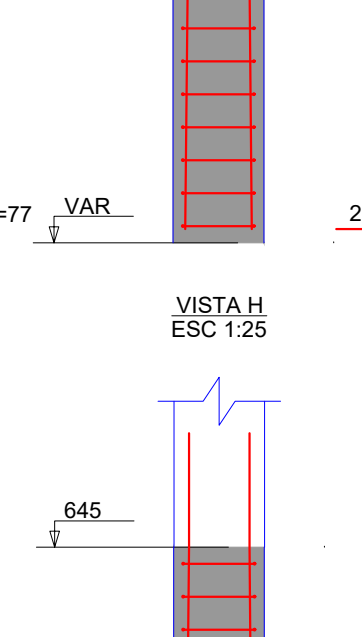
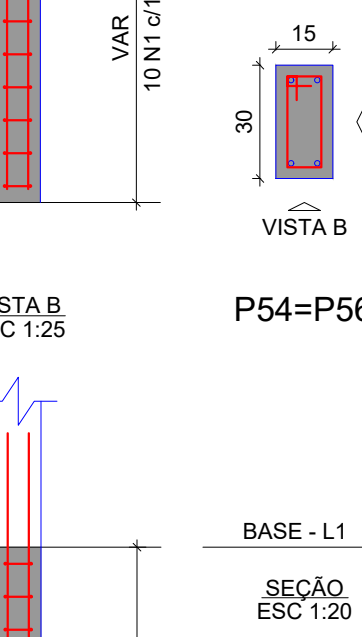
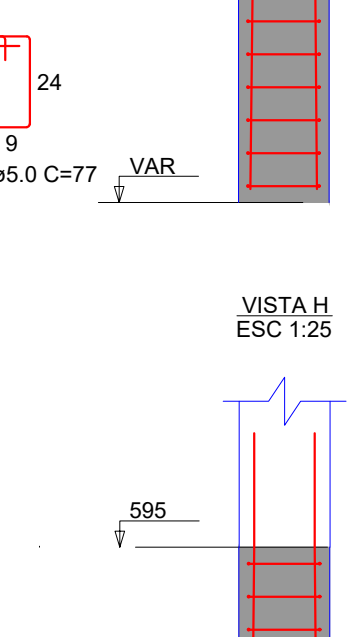
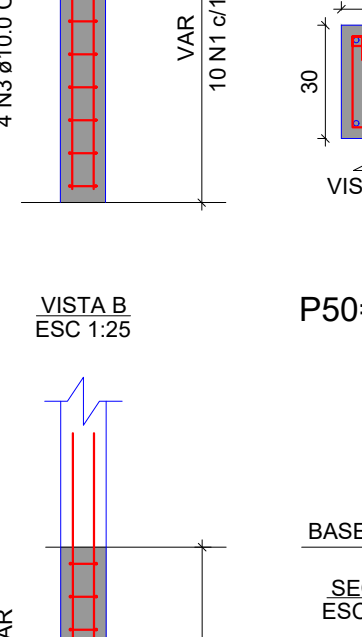
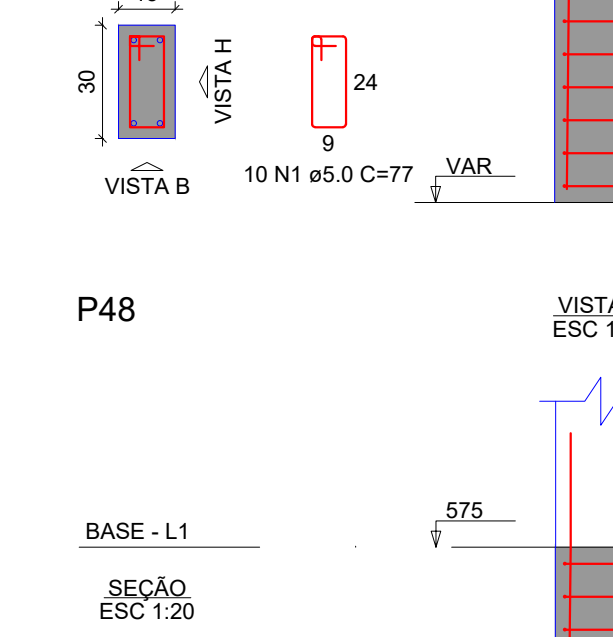
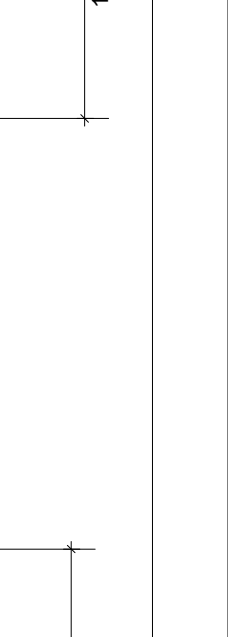
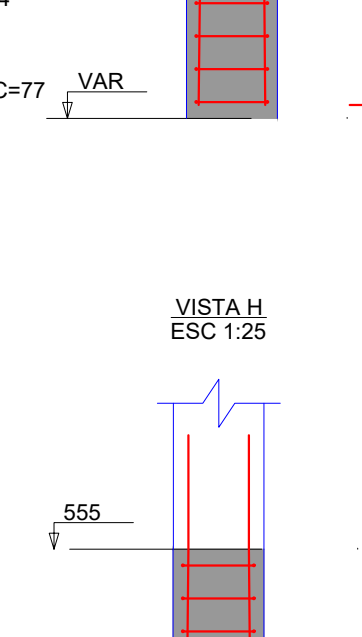
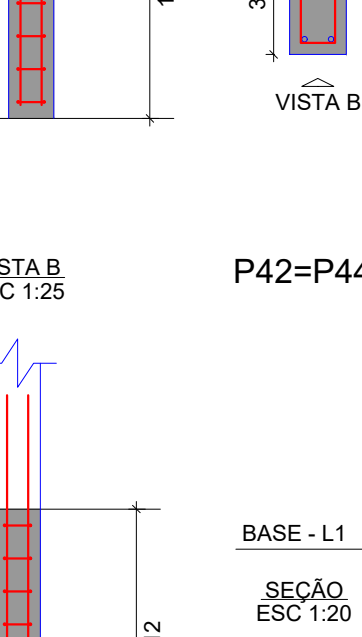
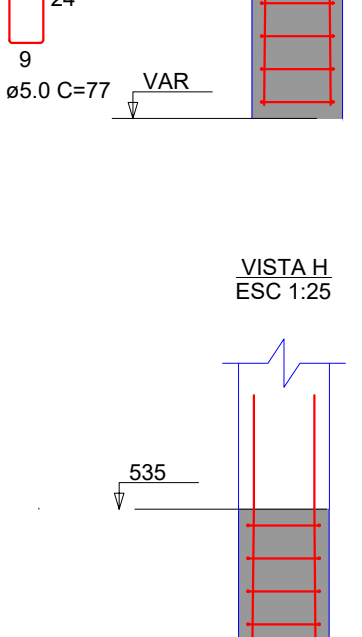
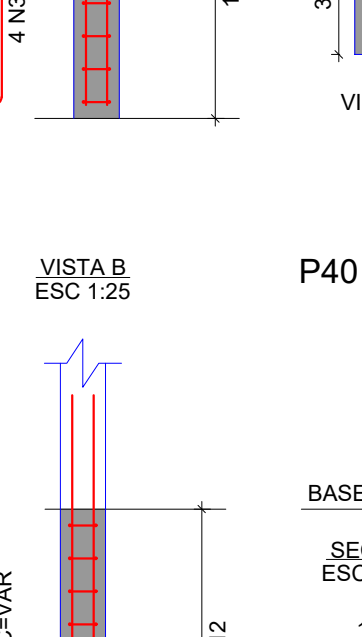
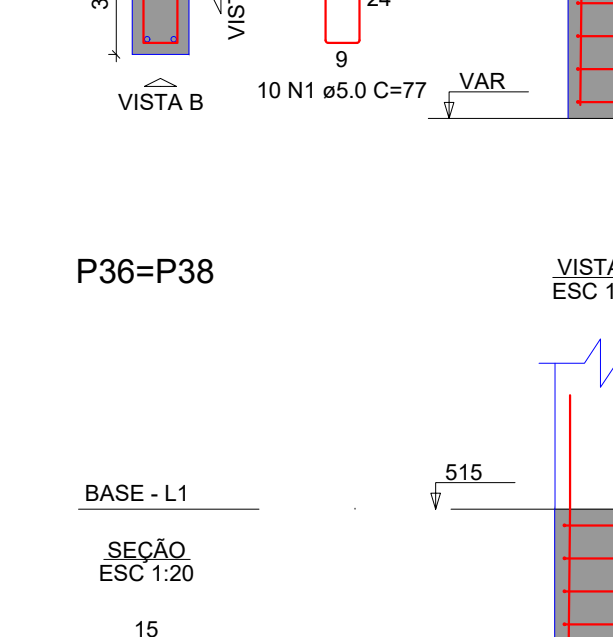
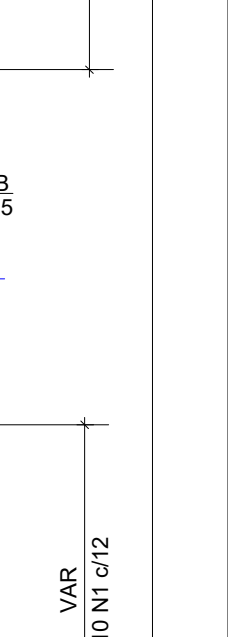
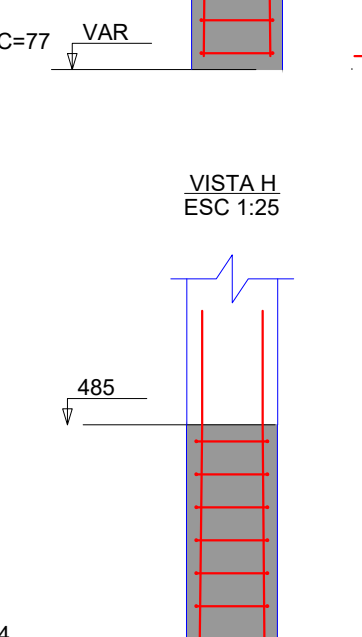
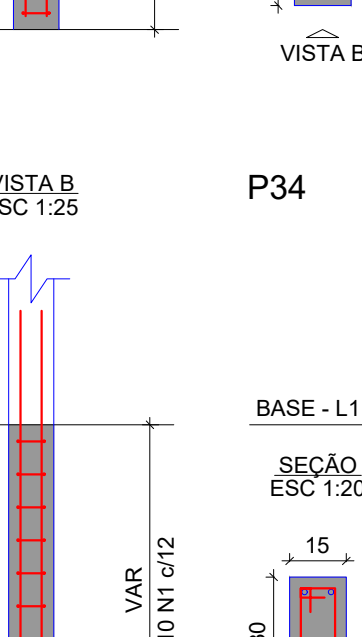
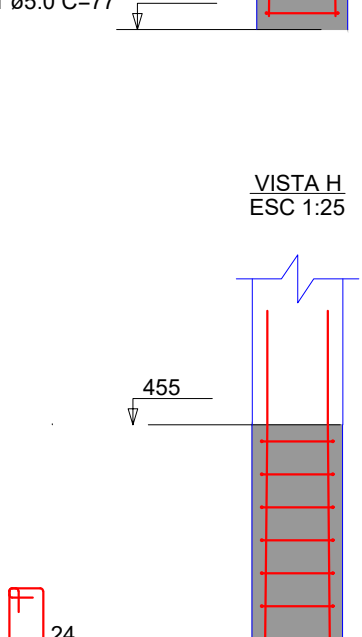
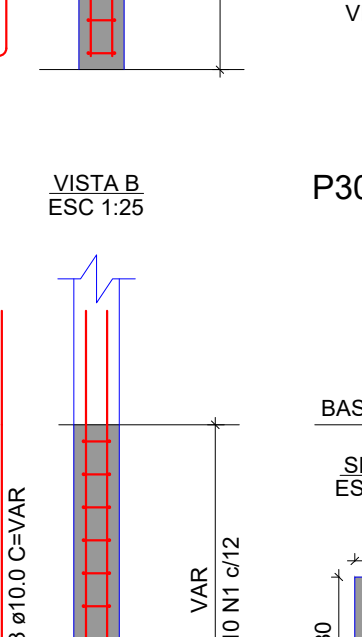
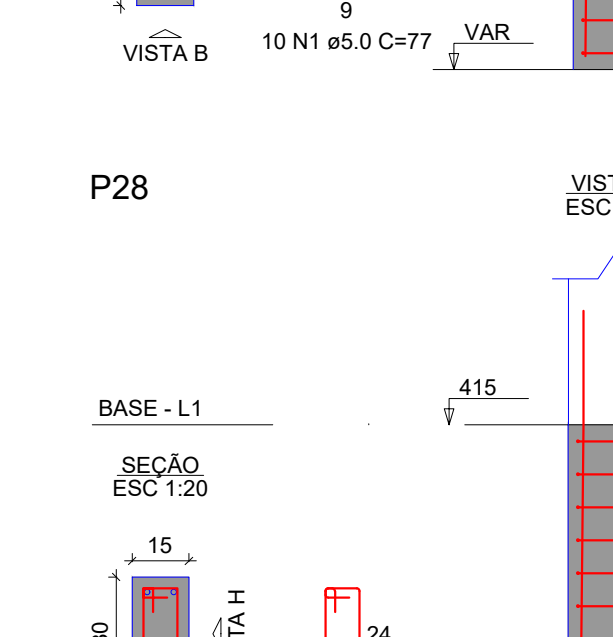
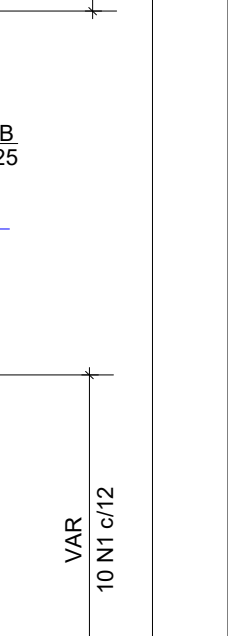
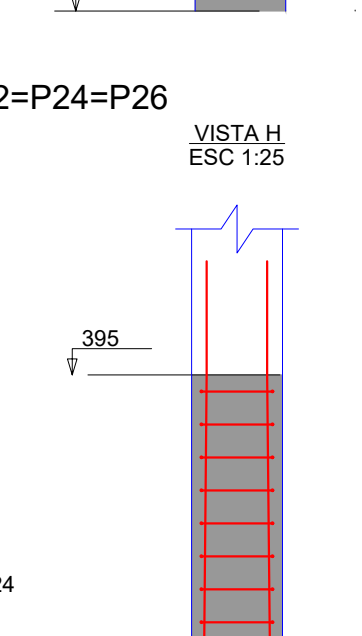
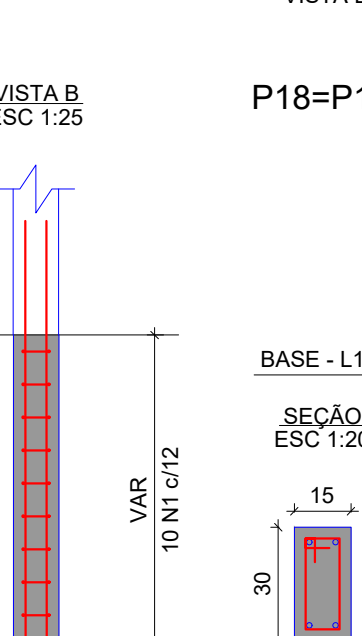
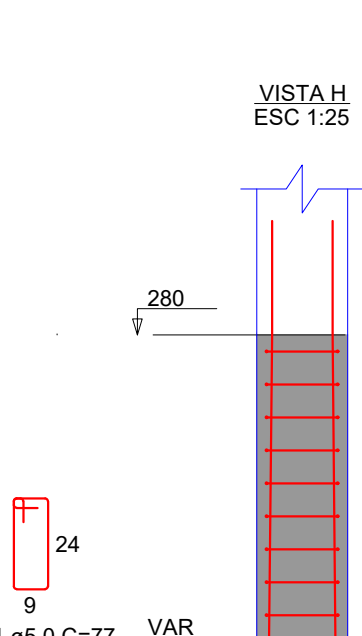
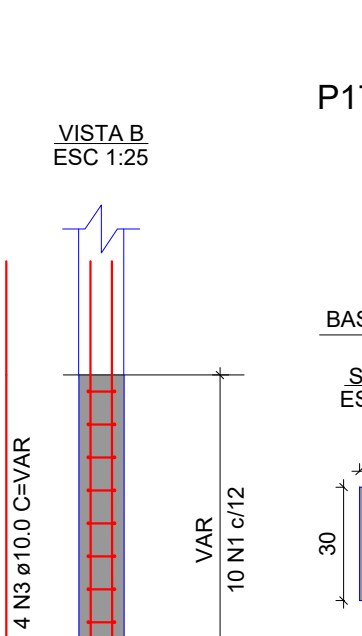
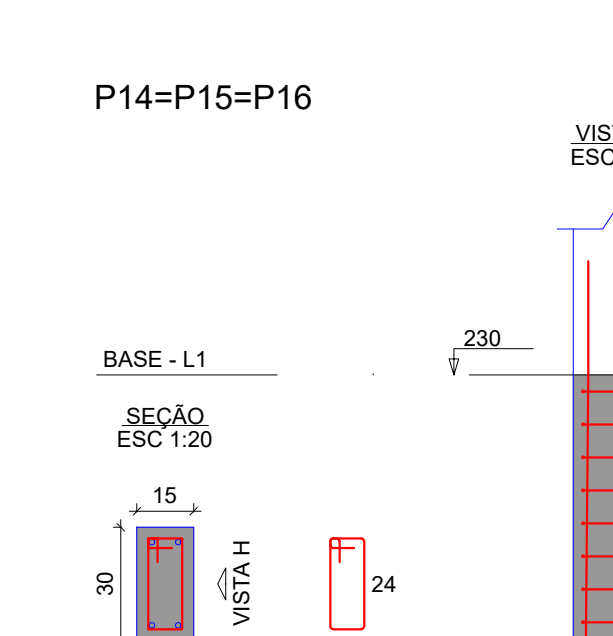
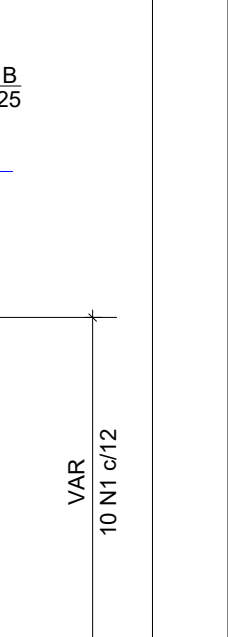
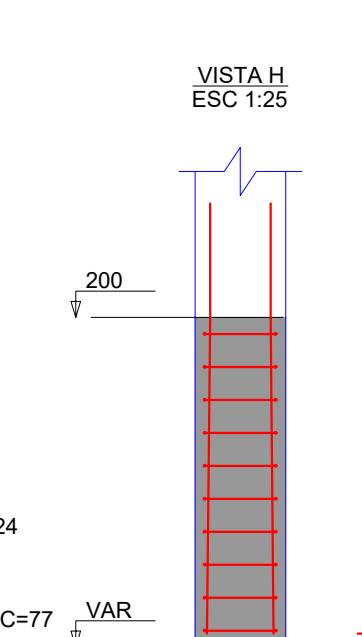
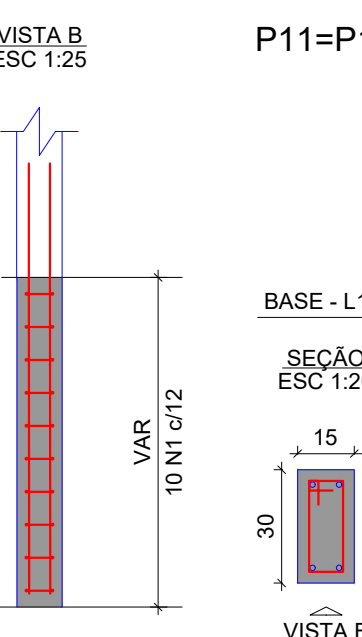
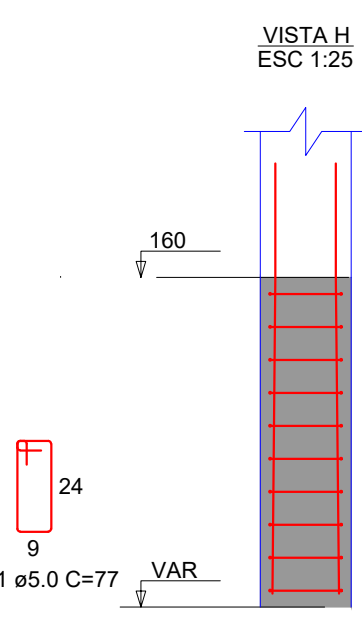
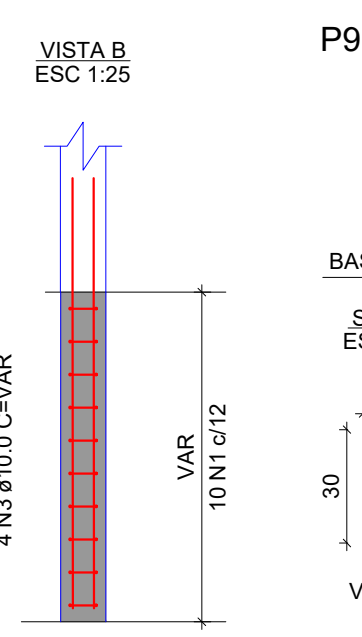
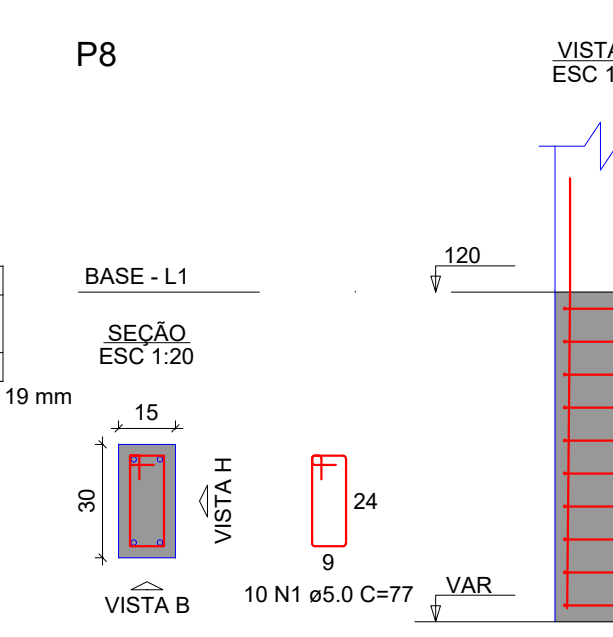
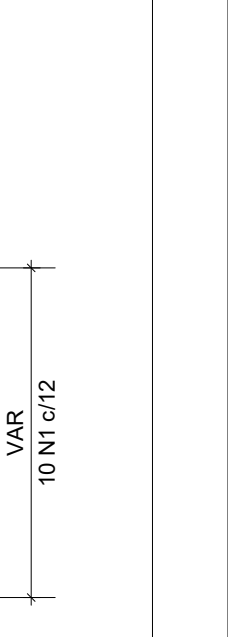
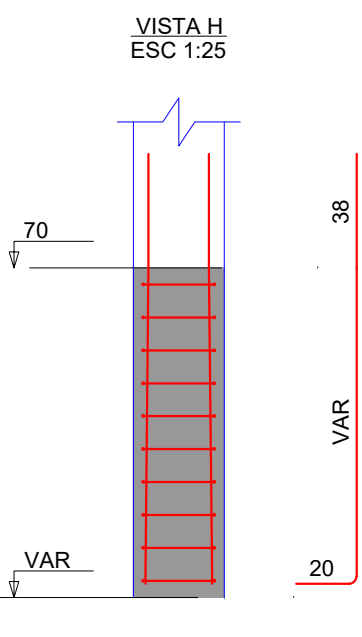
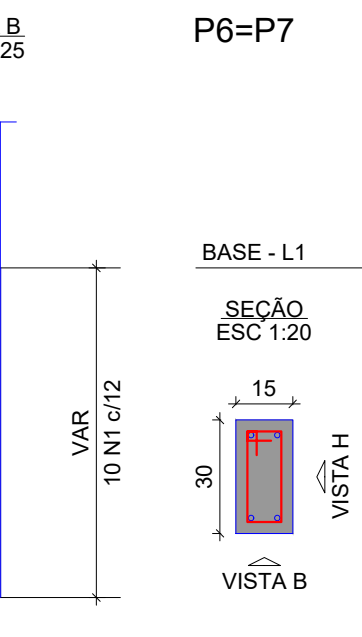
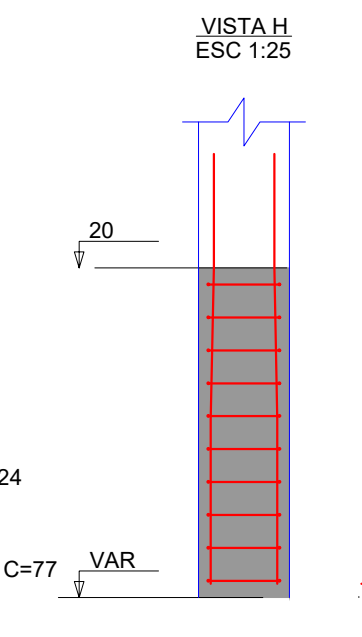
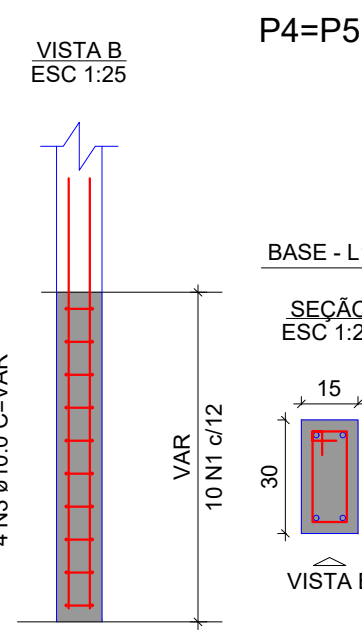
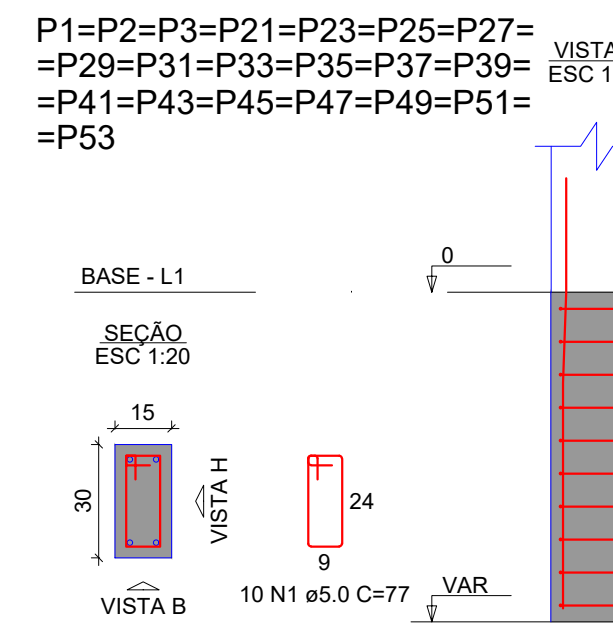
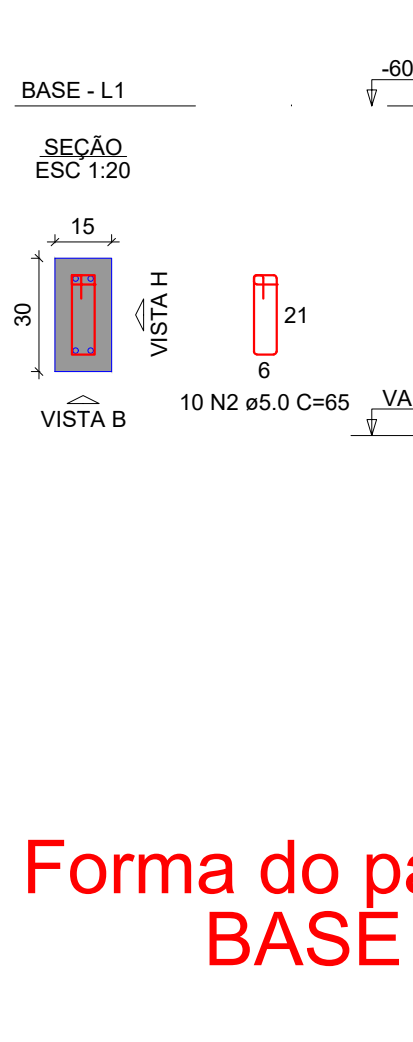
RELAÇÃO DO AÇO	
ARRANQUES SAPATA	

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	740	77	9680
CA50	2	5.0	10	60	600
CA50	3	10.0	300	VAR	VAR

RESUMO DO AÇO			
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	483	327.6
CA50	5.0	573.3	97.7

CA50	327.6
CA60	97.7

Volume de concreto (C-25) = 2.33 m³
Área de forma = 46.57 m²

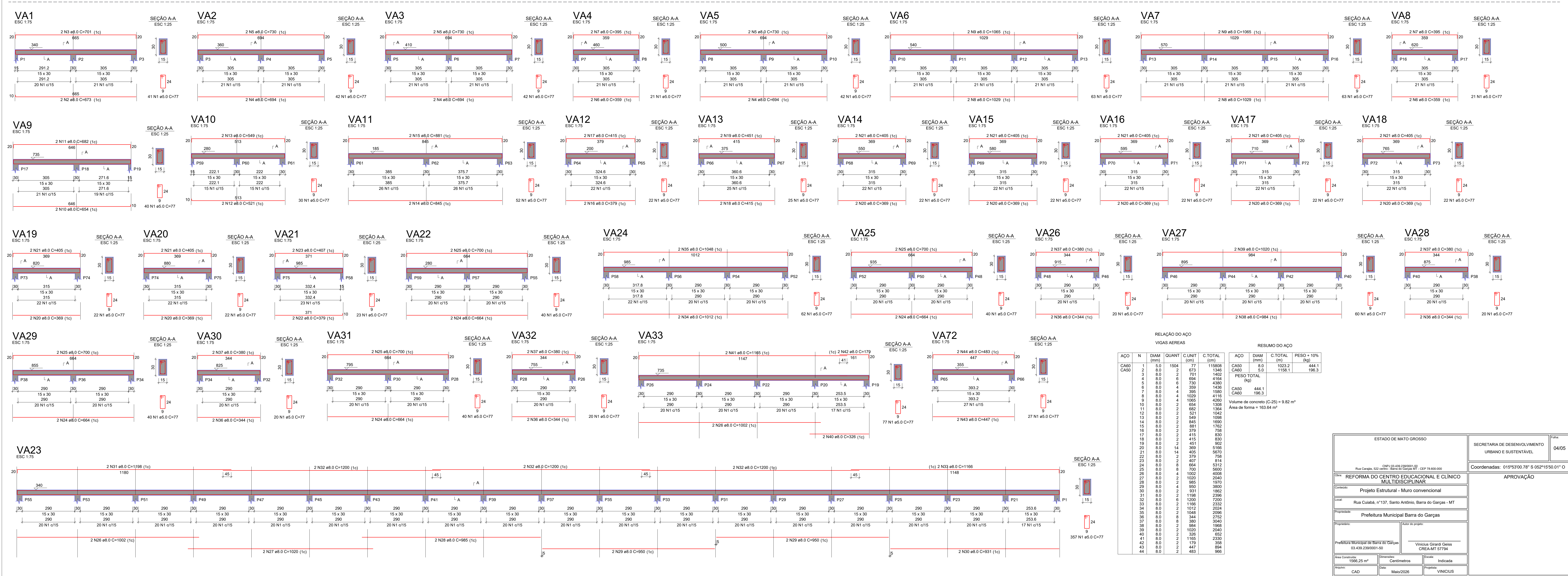




RELAÇÃO DO AÇO				
AÇO	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA80	1	5.0	2302	77
CA80	2	10.0	180	337
CA80	3	10.0	28	337
CA80	4	10.0	20	387
CA80	5	10.0	12	377
CA80	6	10.0	16	387
CA80	7	10.0	12	452
CA80	8	10.0	4	397
CA80	9	10.0	4	392
CA80	10	10.0	4	437
CA80	11	10.0	4	412
CA80	12	10.0	4	362
CA80	13	10.0	4	447
CA80	14	10.0	4	502

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA80	10.0	1077.6	730.8
CA80	5.0	1777.5	300.5
PESO TOTAL (kg)		730.8	300.5
CA80		730.8	
CA80		300.5	
Volume de concreto (C-25) = 12.22 m³			
Área de forma = 244.48 m²			

ESTADO DE MATO GROSSO		SECRETARIA DE DESENVOLVIMENTO URBANO E SUSTENTÁVEL		03/05
Rua Canabá, 133 - Centro - São Paulo - SP - CEP: 04000-000				
Coordenadas: 01°5'33'00" S 50°51'55" O				
APROVAÇÃO				
Projeto Estrutural - Muro convencional				
Prefeitura Municipal Barra do Garças				
Vincius Girardi Gomes				
CREA-MT 57794				
Assinatura: 10/06/2025				
Data: 10/06/2025				
Projeto: VINICIUS				



ESTADO DE MATO GROSSO		Folha	
Rua Cangaço, 522 centro - Barra do Garças MT - CEP 76.600-000		SECRETARIA DE DESENVOLVIMENTO URBANO E SUSTENTAVEL	
CNPJ/INSC ESTADUAL: 07.909.000/0001-03		04/005	
CNPJ/INSC ESTADUAL: 07.909.000/0001-03		Coordenadas: 019°53'00.78" S 052°15'50.01" O	
COTA REFORMA DO CENTRO EDUCACIONAL E CLÍNICO MULTIDISCIPLINAR Cota: 100%		ADVOCAÇÃO	
Cota: 100% Projeto Estrutural - Muro convencional			
Local: Rua Cuiabá, nº137, Santo Antônio, Barra do Garças - MT			
Propriedade: Prefeitura Municipal Barra do Garças			
Propriedade: Prefeitura Municipal Barra do Garças		Auto do projeto	
Prefeitura Municipal de Barra do Garças 03.439.226/0001-50		Vinícius Girardi Gessel CREAMT 57794	
Área Construída 1506,25 m²	Dimensionamento Centímetros	Escala Indicada	
Assinatura CAD	Data Maio/2026	Propriedade VINÍCIUS	



Name	Species	Depth (cm)	Nlat (cm)
P1	P130	0	0.340
P2	P130	0	0.340
P3	P130	20	0.360
P4	P130	20	0.360
P5	P130	70	0.410
P6	P130	70	0.410
P7	P130	160	0.400
P8	P130	160	0.400
P9	P130	200	0.500
P10	P130	200	0.500
P11	P130	200	0.230
P12	P130	230	0.270
P13	P130	230	0.270
P14	P130	230	0.270
P15	P130	230	0.270
P16	P130	230	0.270
P17	P130	395	0.735
P18	P130	395	0.735
P19	P130	395	0.735
P20	P130	395	0.735
P21	P130	0	0.340
P22	P130	0	0.340
P23	P130	395	0.735
P24	P130	395	0.735
P25	P130	0	0.340
P26	P130	415	0.755
P27	P130	0	0.340
P28	P130	0	0.340
P29	P130	455	0.765
P30	P130	0	0.340
P31	P130	0	0.340
P32	P130	485	0.825
P33	P130	485	0.825
P34	P130	515	0.855
P35	P130	515	0.855
P36	P130	515	0.855
P37	P130	0	0.340
P38	P130	535	0.875
P39	P130	0	0.340
P40	P130	555	0.895
P41	P130	555	0.895
P42	P130	555	0.895
P43	P130	555	0.895
P44	P130	575	0.915
P45	P130	0	0.340
P46	P130	0	0.340
P47	P130	0	0.340
P48	P130	595	0.935
P49	P130	595	0.935
P50	P130	595	0.935
P51	P130	615	0.955
P52	P130	615	0.955
P53	P130	0	0.340
P54	P130	0	0.340
P55	P130	0	0.340
P56	P130	645	0.985
P57	P130	-60	-0.280
P58	P130	645	0.985
P59	P130	645	0.985
P60	P130	-60	-0.280
P61	P130	-35	-0.355
P62	P130	-35	-0.355
P63	P130	-35	-0.355
P64	P130	-35	-0.355
P65	P130	15	0.355
P66	P130	35	0.375
P67	P130	35	0.375
P68	P130	135	0.505
P69	P130	135	0.505
P70	P130	225	0.695
P71	P130	225	0.695
P72	P130	370	0.710
P73	P130	370	0.710
P74	P130	480	0.820
P75	P130	480	0.820
P76	P130	480	0.820
P77	P130	480	0.820
P78	P130	480	0.820

ESTADO DE MATO GROSSO		Folha	
		SECRETARIA DE DESENVOLVIMENTO URBANO E SUSTENTABILIDADE	
		05/05	
CNPJ: 03.425.283/0001-02 CNPJ: 03.425.283/0002-09 Rua Centaia, 322 - JARDIM: 13023-000		Coordenadas: 19°5'330,78" S 052°19'50,01" O	
OBJETO: REFORMA DO CENTRO EDUCACIONAL E CLÍNICO MULTIDISCIPLINAR		APROVAÇÃO	
Local: Projeto Estrutural - Muro convencional			
Endereço: Rua Cuiabá, nº137, Santo Antônio, Barra das Garças - MT			
Propriedade: Prefeitura Municipal Barra das Garças			
Propriedade:		Assinatura do projeto:	
Prefeitura Municipal de Barra das Garças 03.430.256/0001-56		Vinícius Grandi Gelles OAB-MT 57794	
Área Construída: 1566,25 m²	Dimensões: Centímetros	Local: Indicação	
Assinatura: CAD	Data: Maio/2026	Proprietário: VINICIUS	