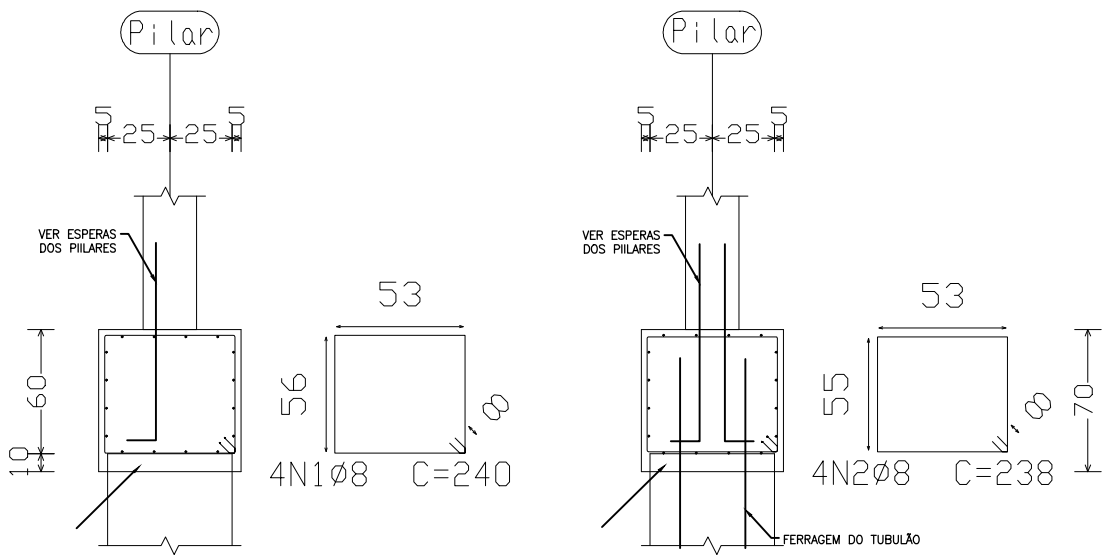


Projeto PROJETO ESTRUTURAL		Data: 15/09/2003
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des.no.: 01	Planto: L O C A Ç Õ E S	
Autor: MARILYNE MARIANE OLIVEIRA - DES- 058/4443		HISTORICA E FISIOLOGIA

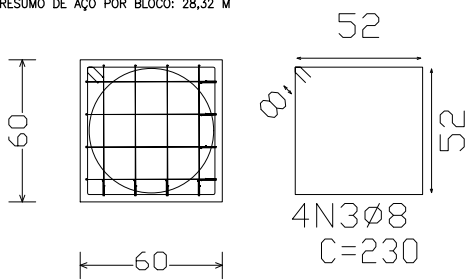
B1-B2-B3-B4-B5-B6-B7-B8-B9-B10-B11
B12-B13-B14-B15-B16-B17-B18-B19-B20
B21-B22-B23-B24-B25-B26-B27-B28-B29
B30-B31-B32-B33-B34-B35-B36-B37-B38-B39

DETALHE DOS TUBULÕES CIRCULAR (27X)
T1-T2-T3-T4-T5-T6-T7-T8-T9-T10-T11-T12-T13
T14-T15-T16-T17-T18-T19-T20-T21-T22-T23-T24
T23-T24-T25-T26-T27-T28-T29-T30-T31-T32-T33
T34-T35-T36-T37-T38-T39



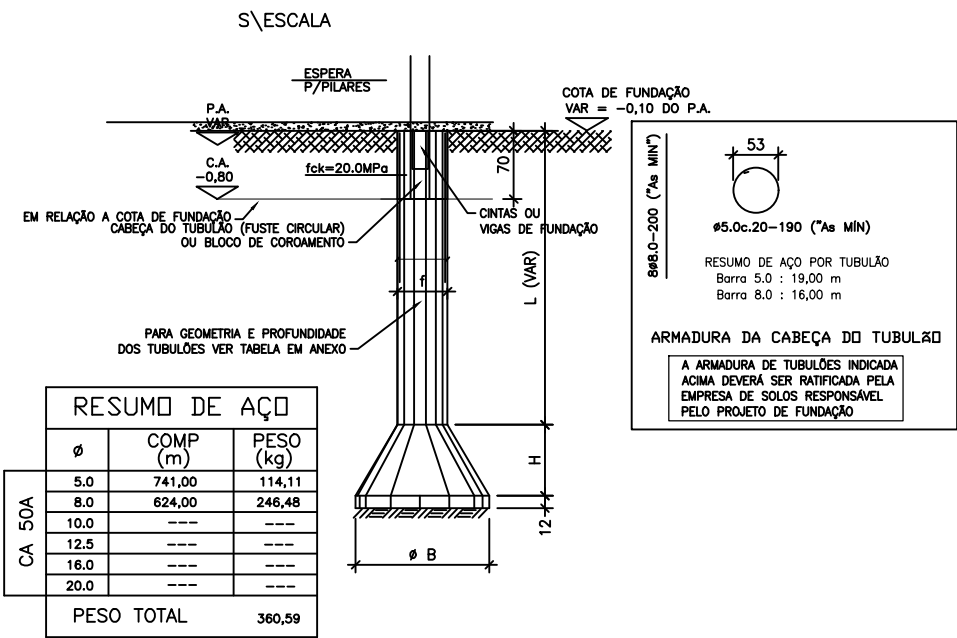
Tubulão Ø60cm

RESUMO DE AÇO POR BLOCO: 28,32 M



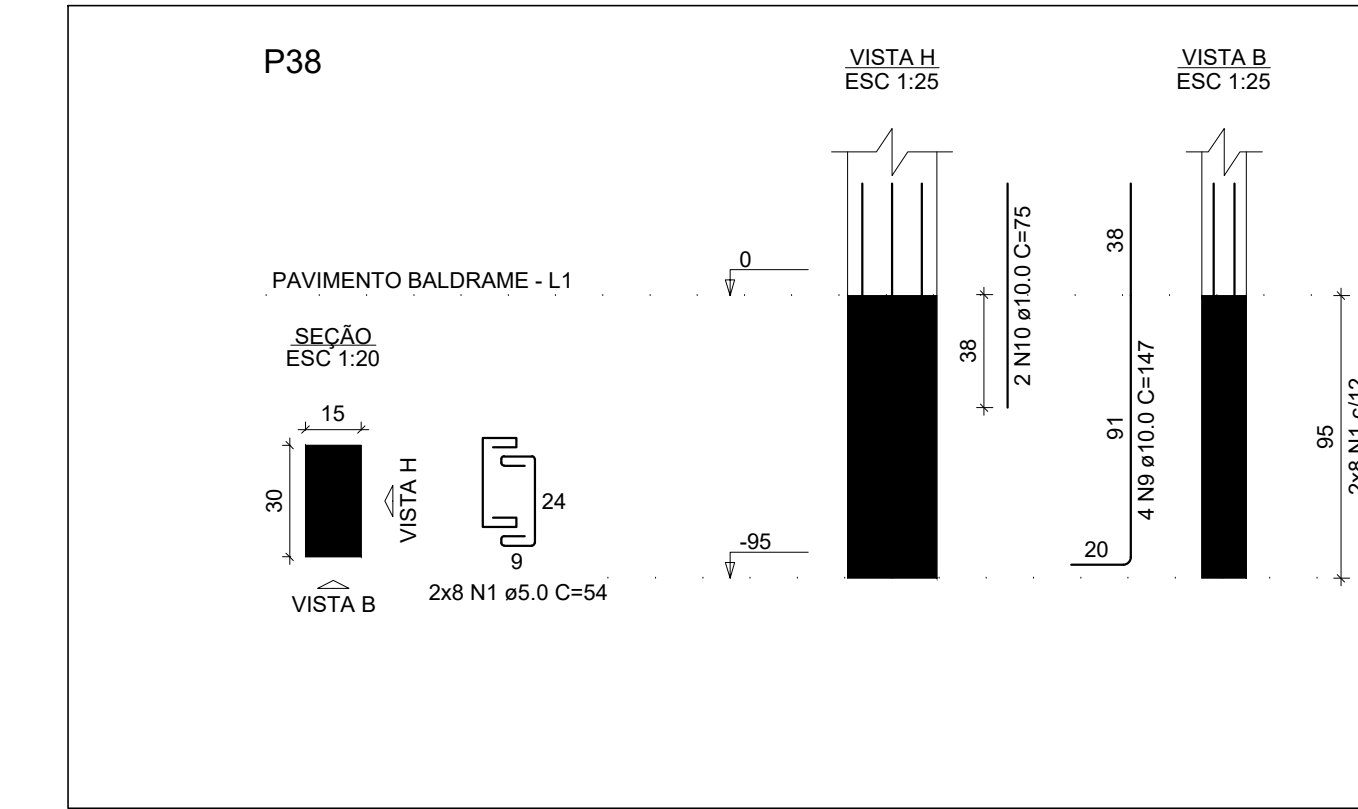
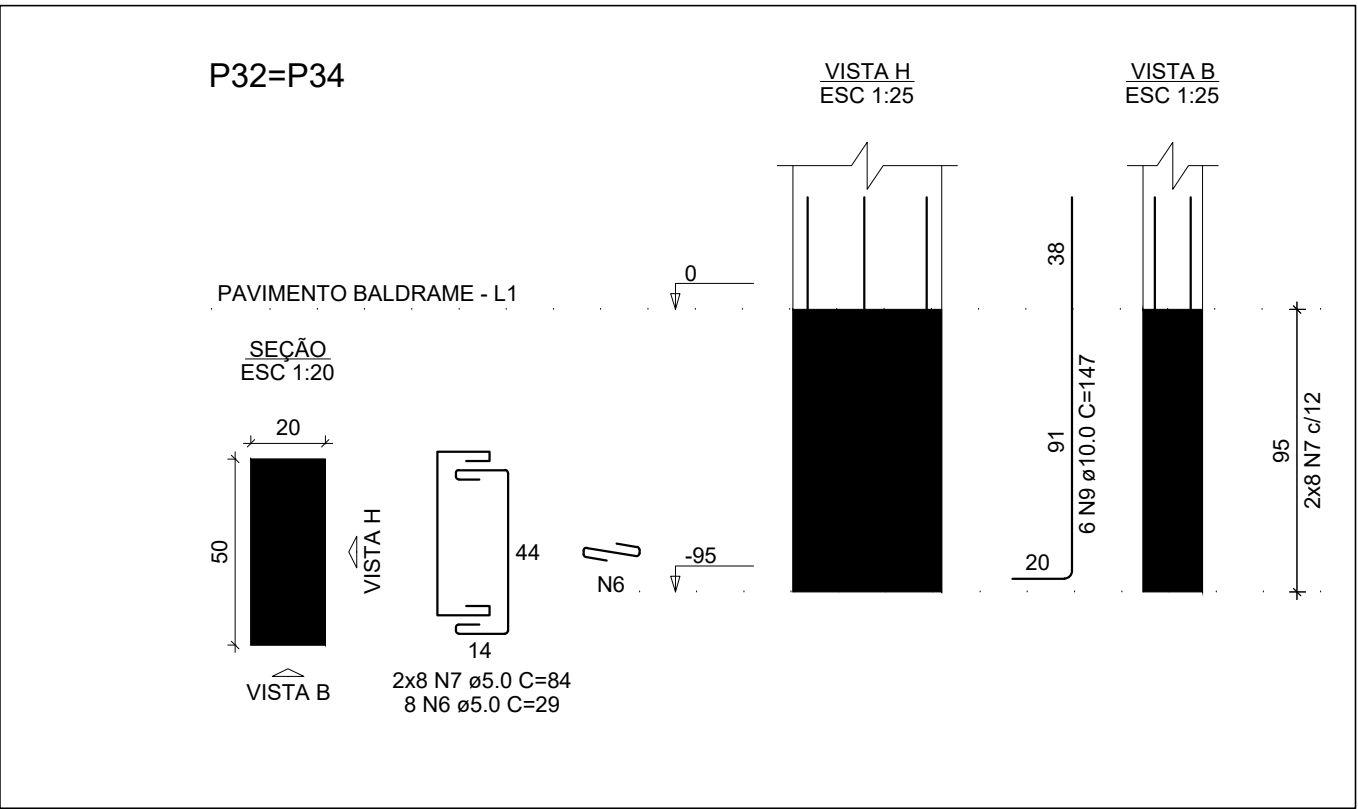
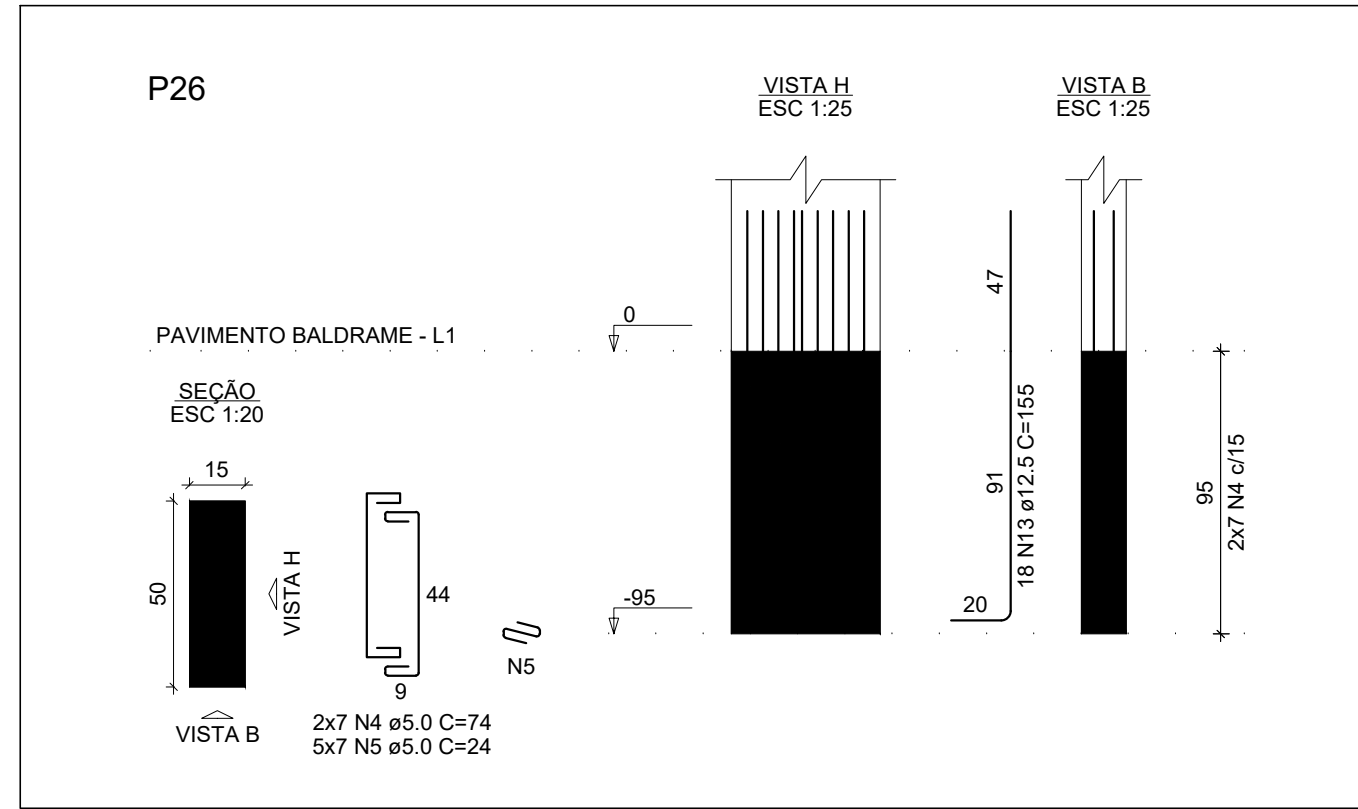
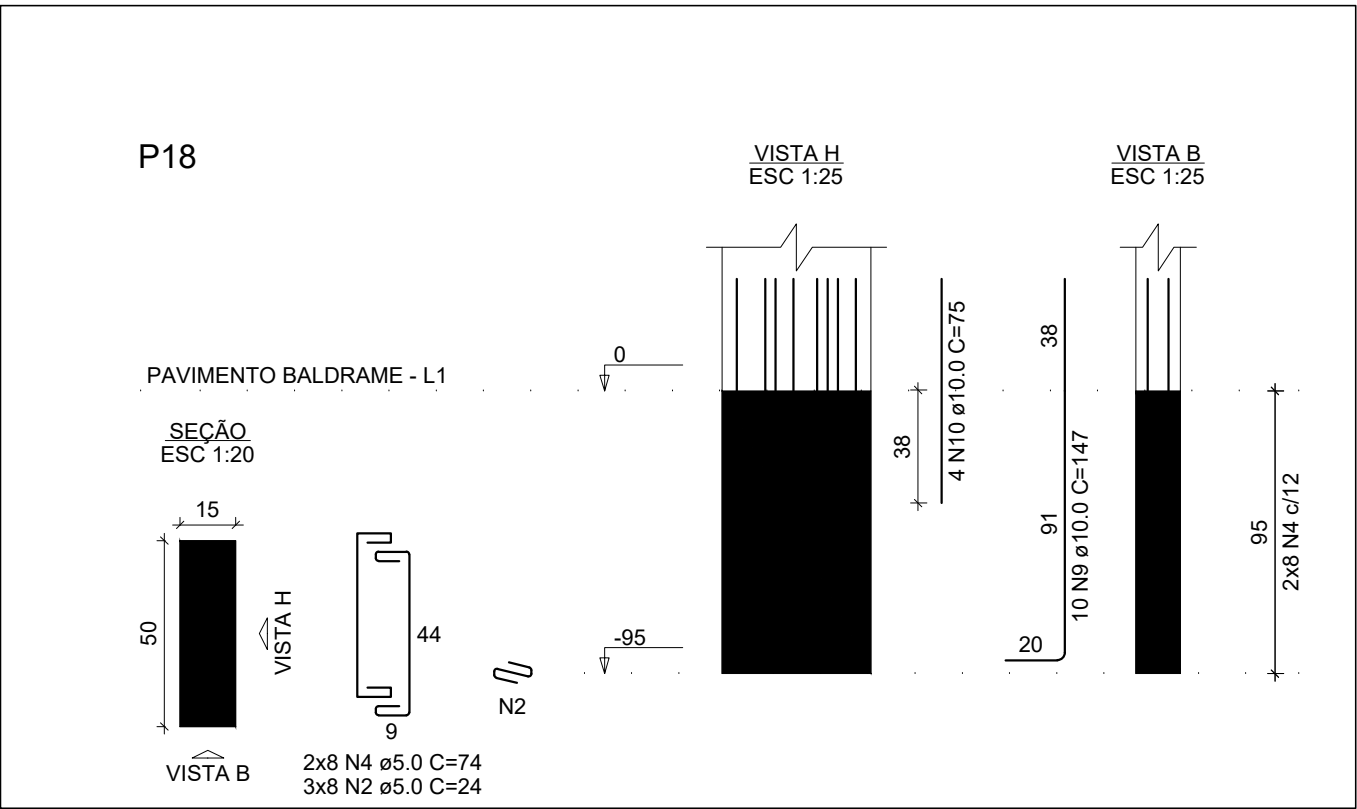
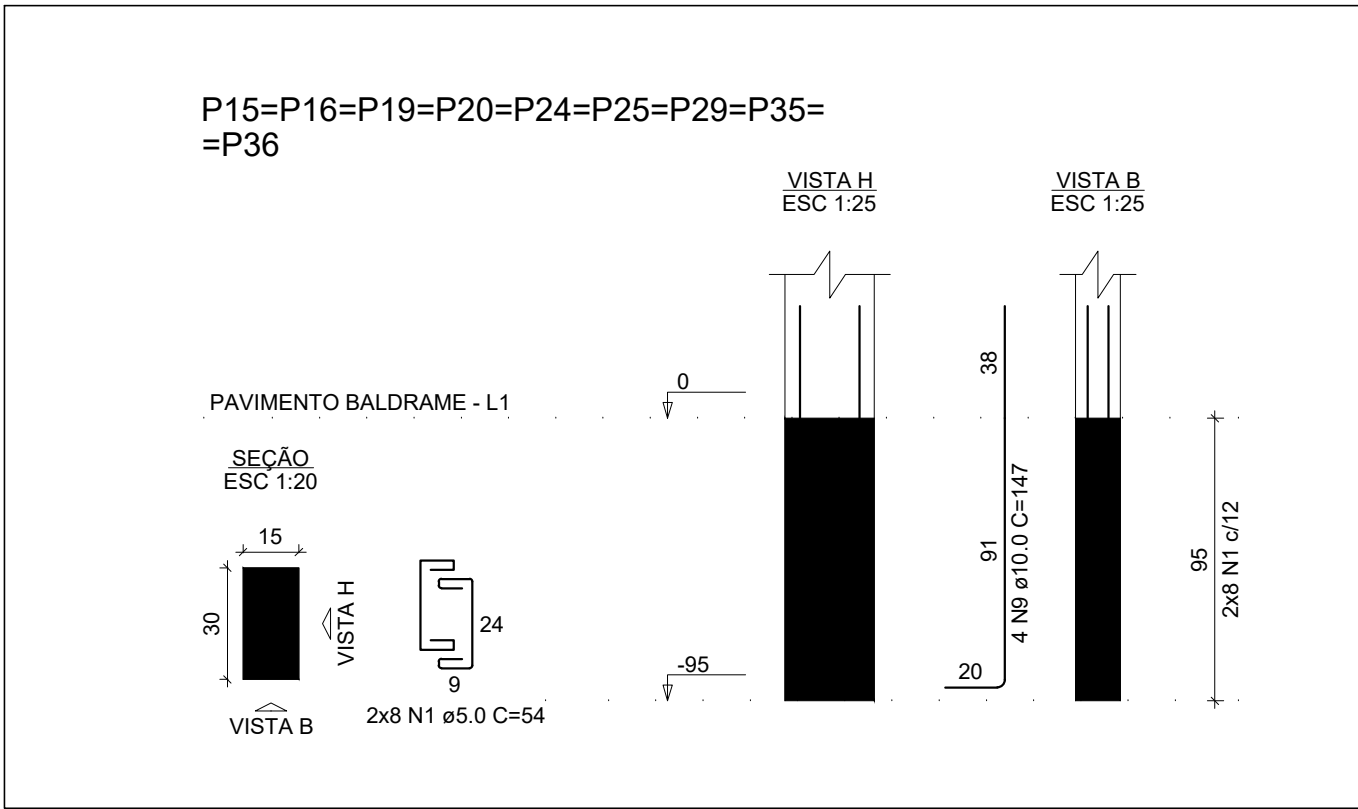
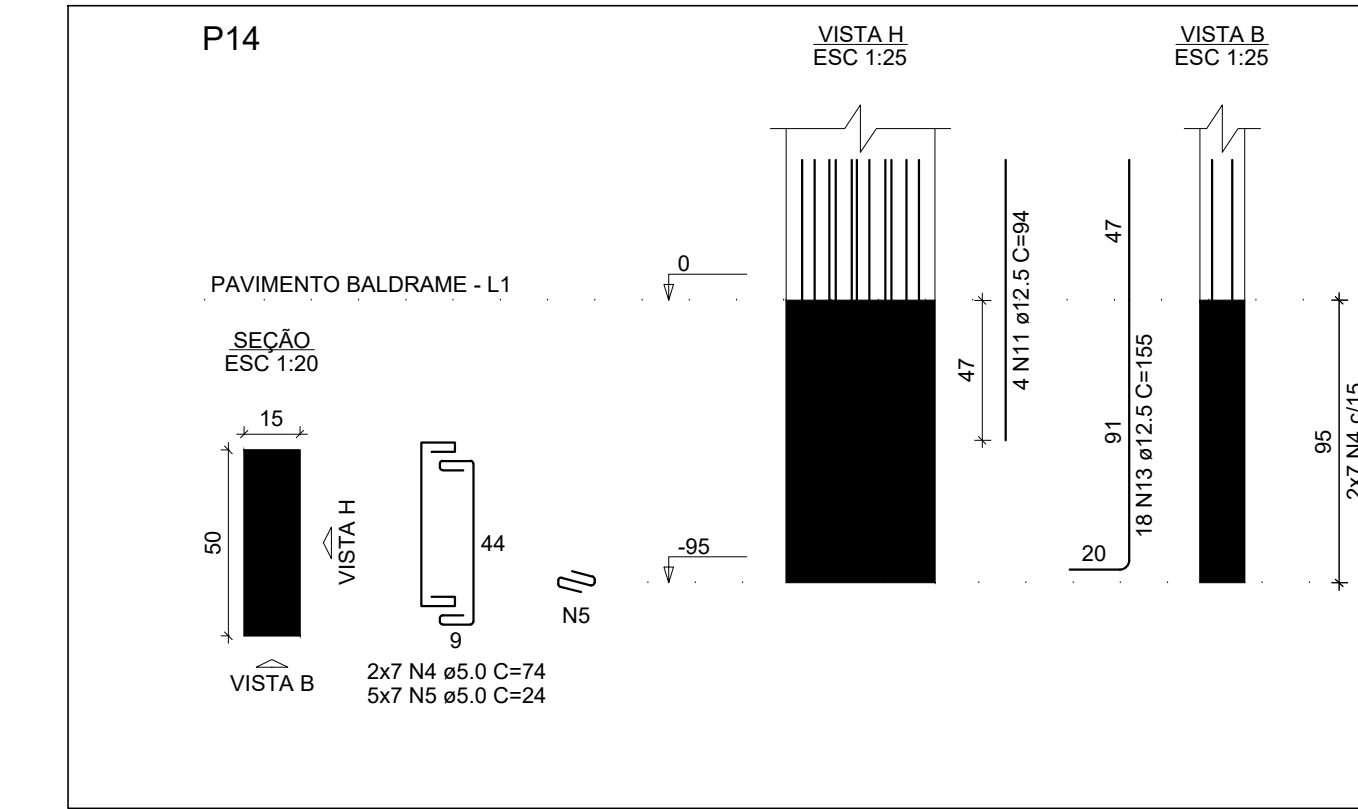
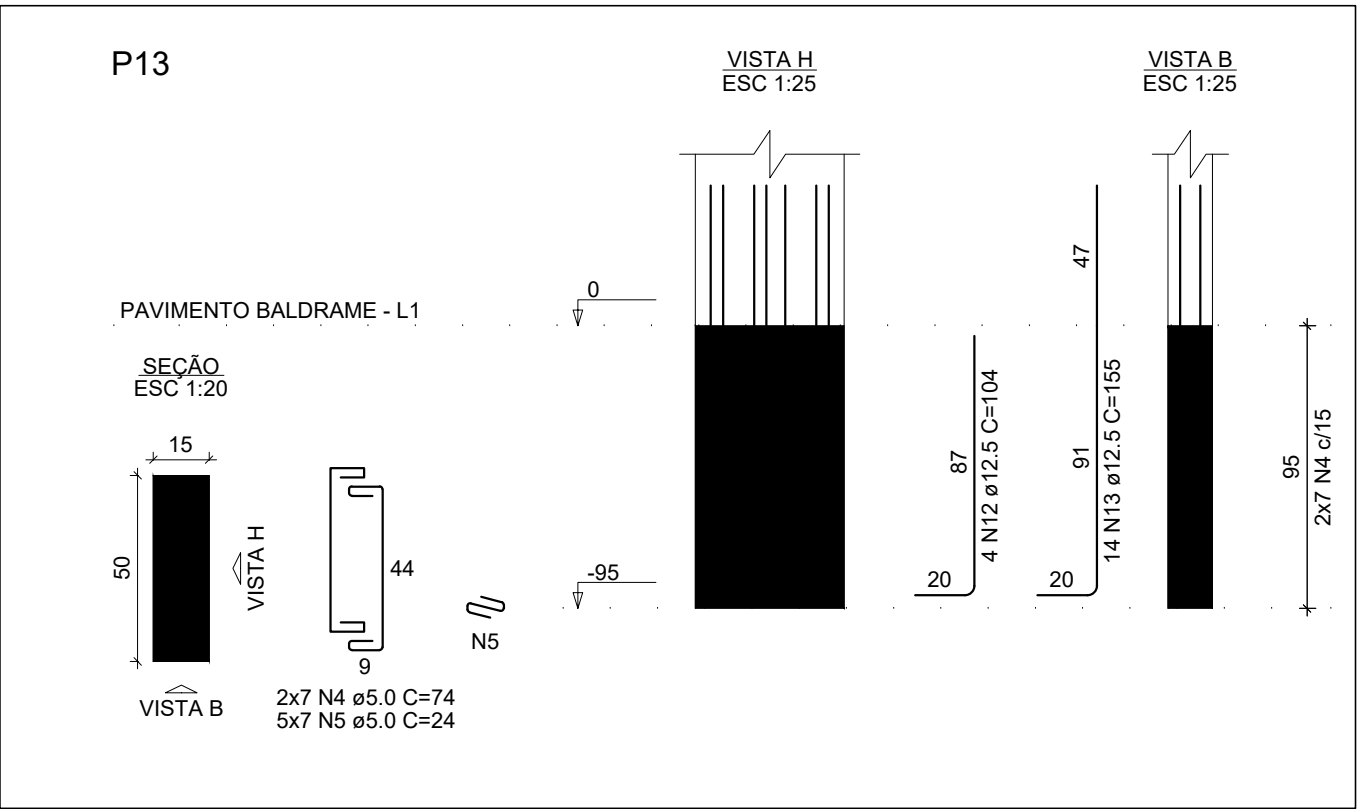
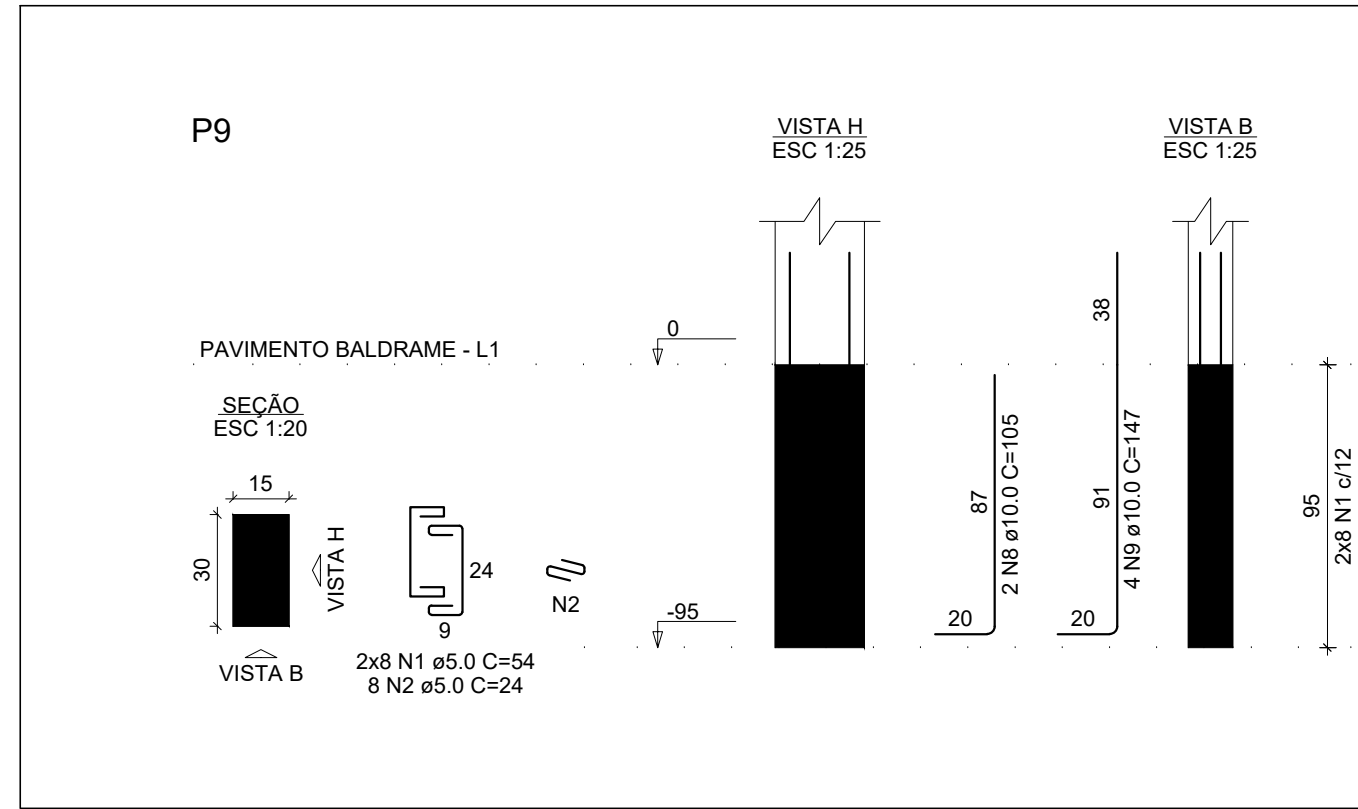
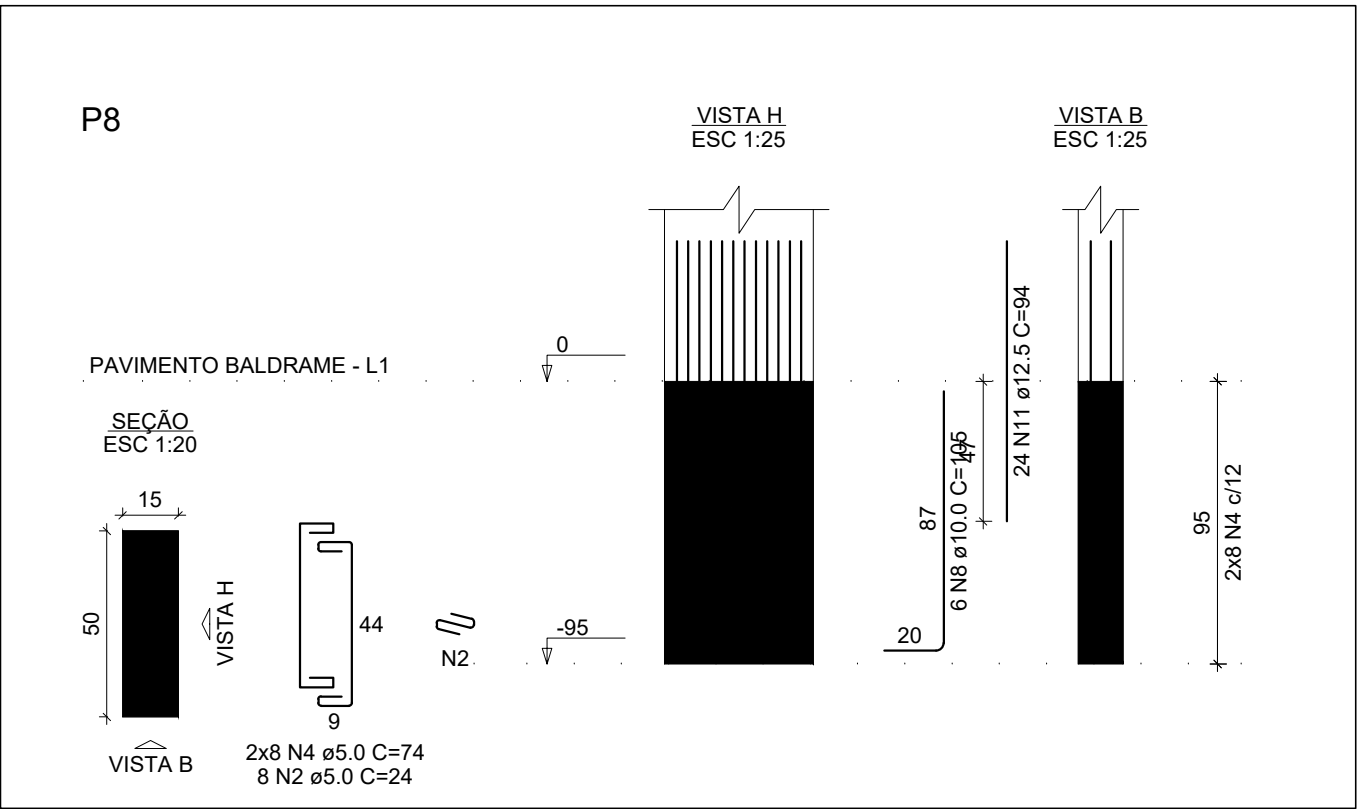
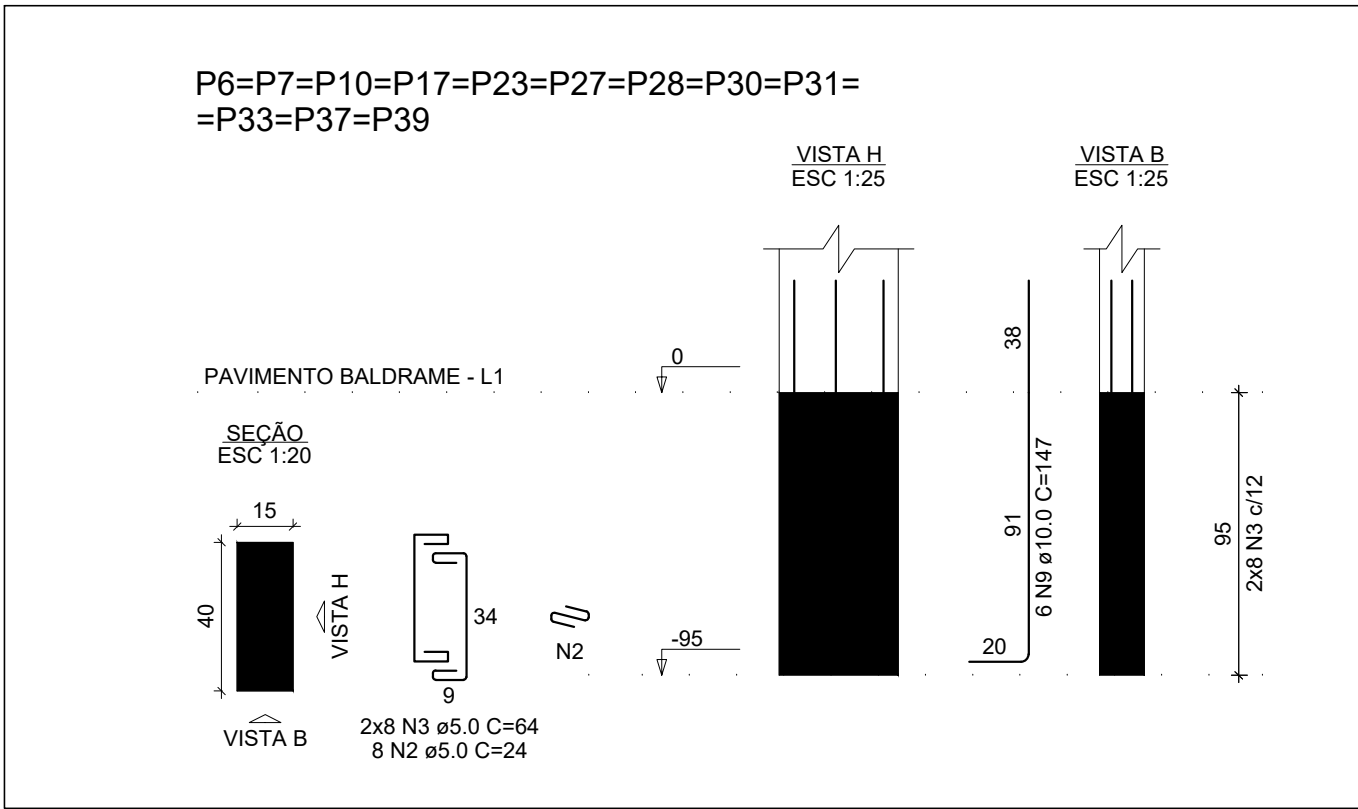
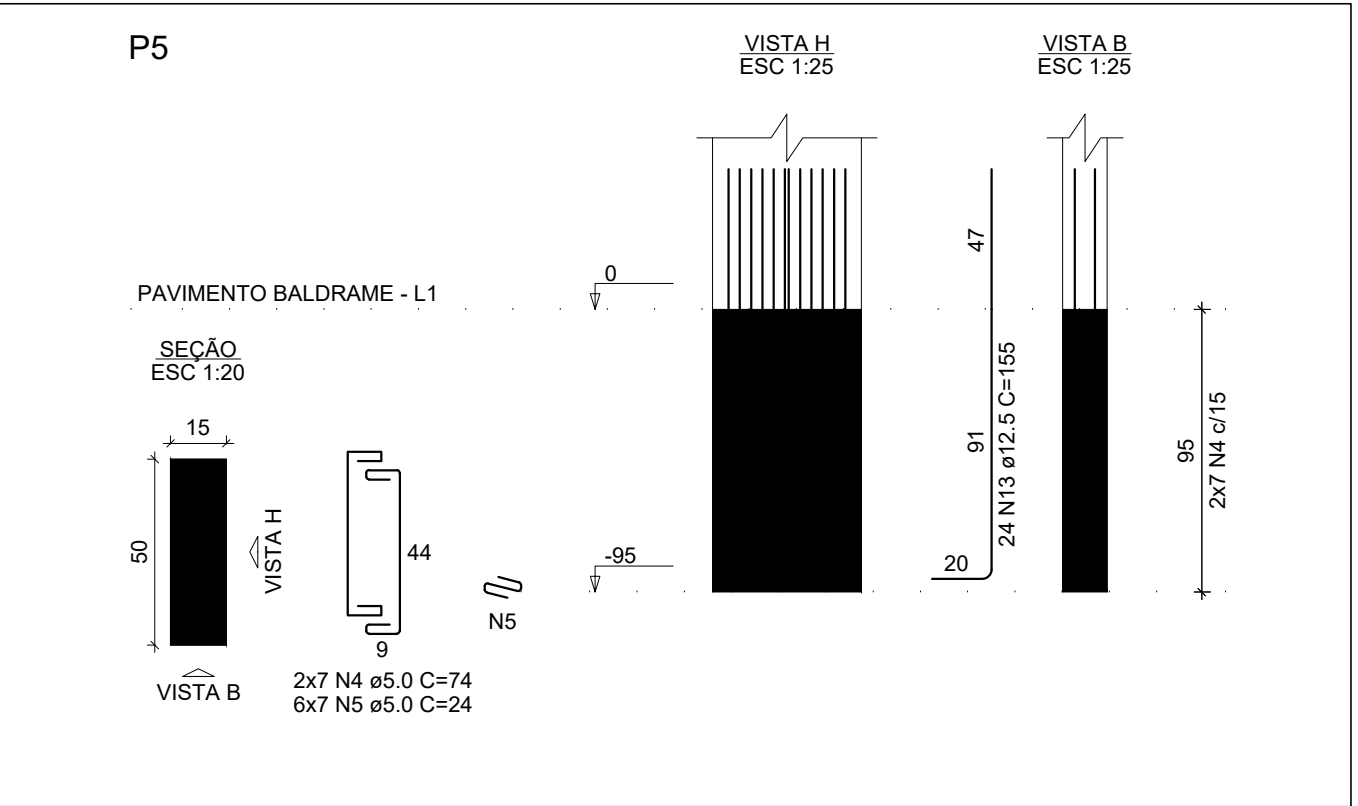
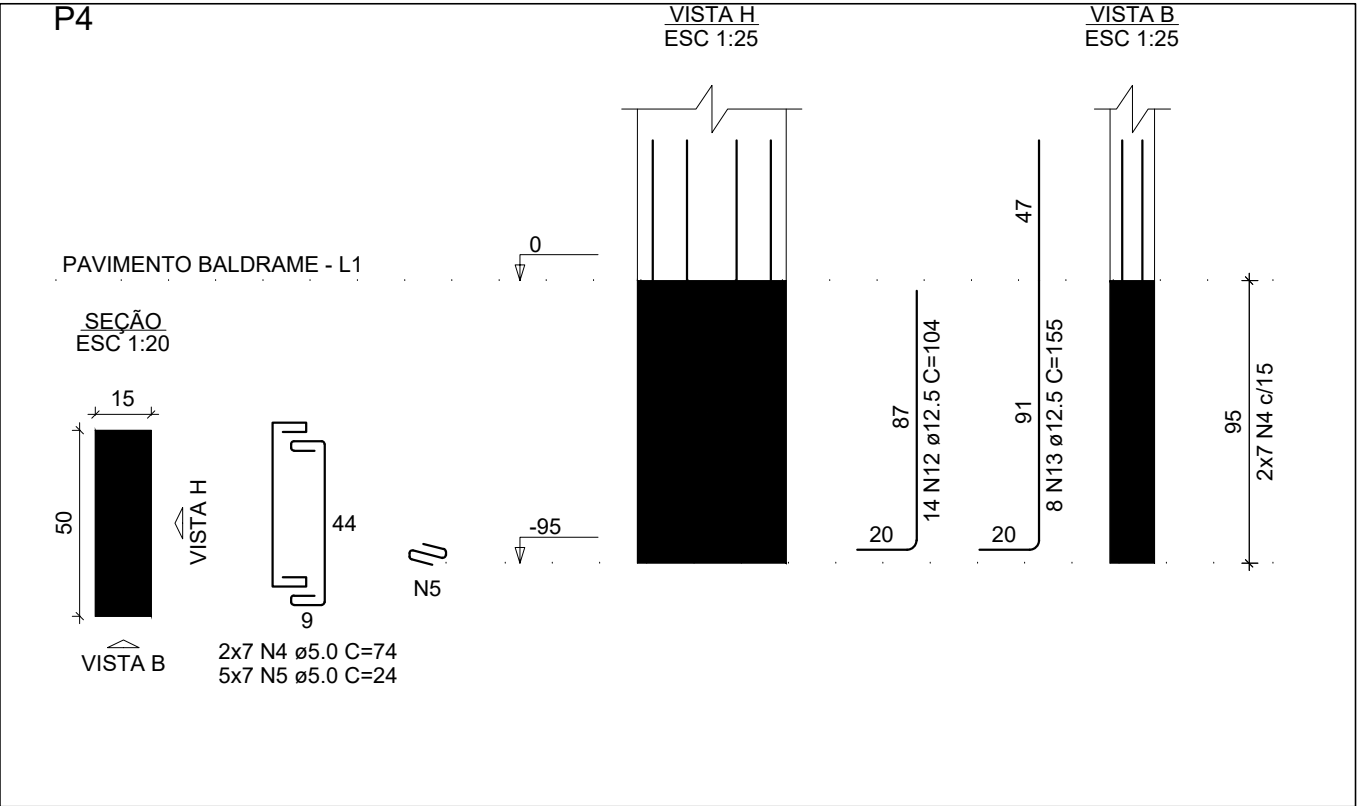
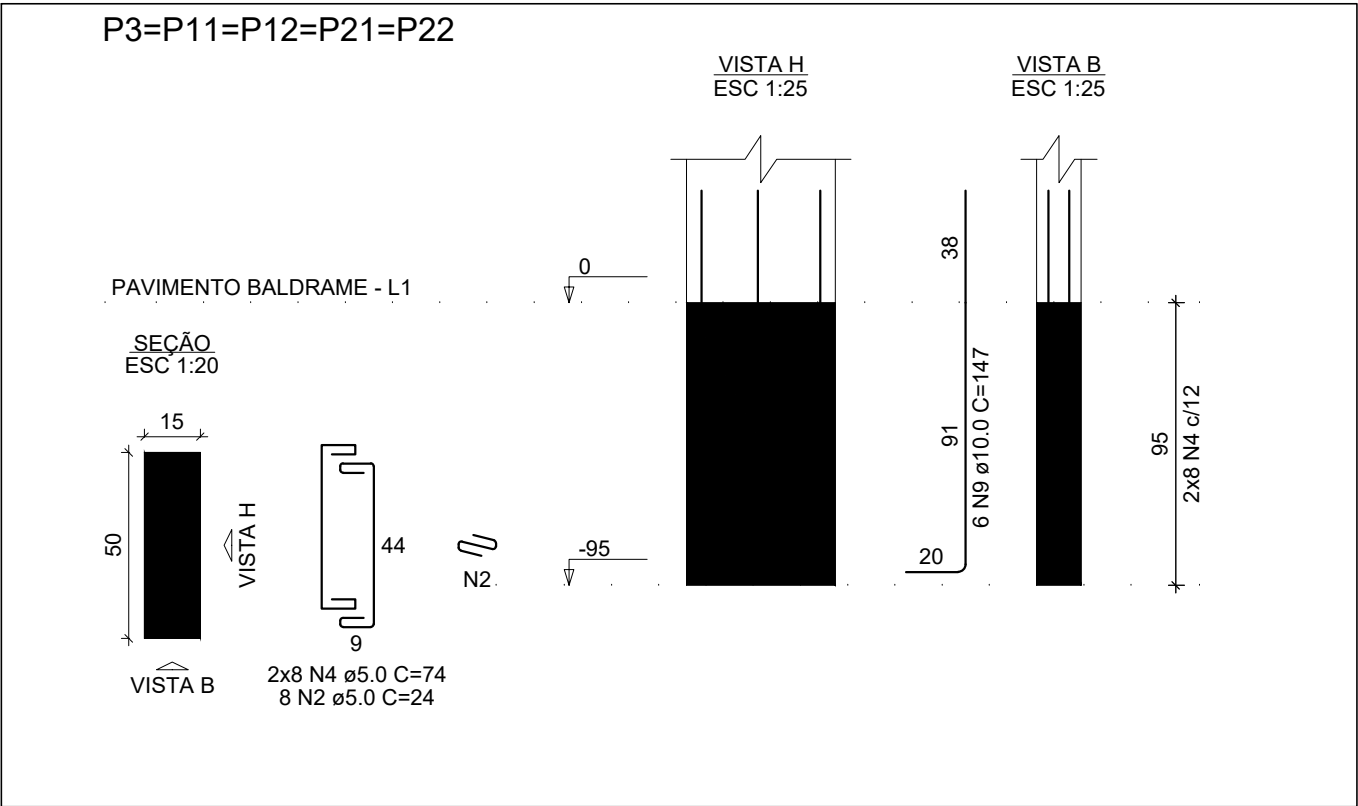
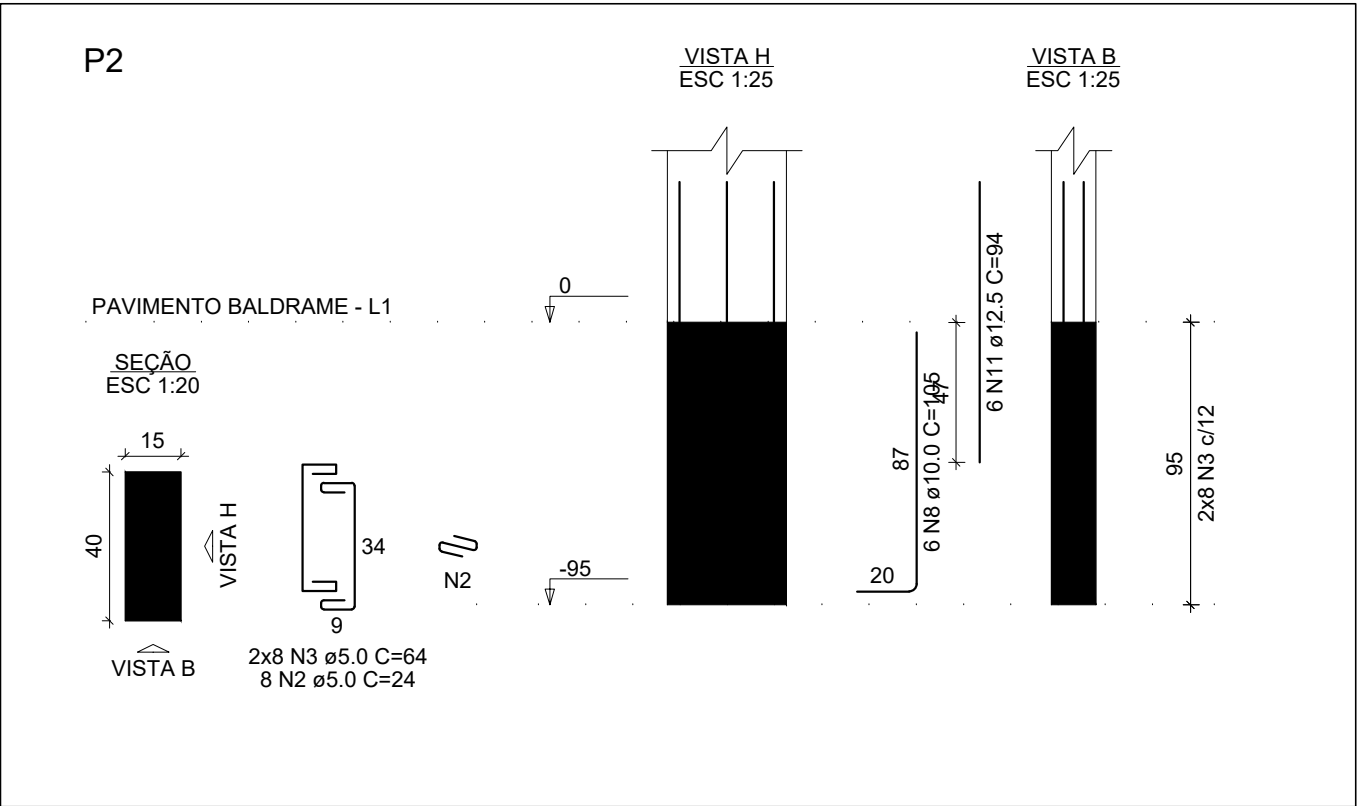
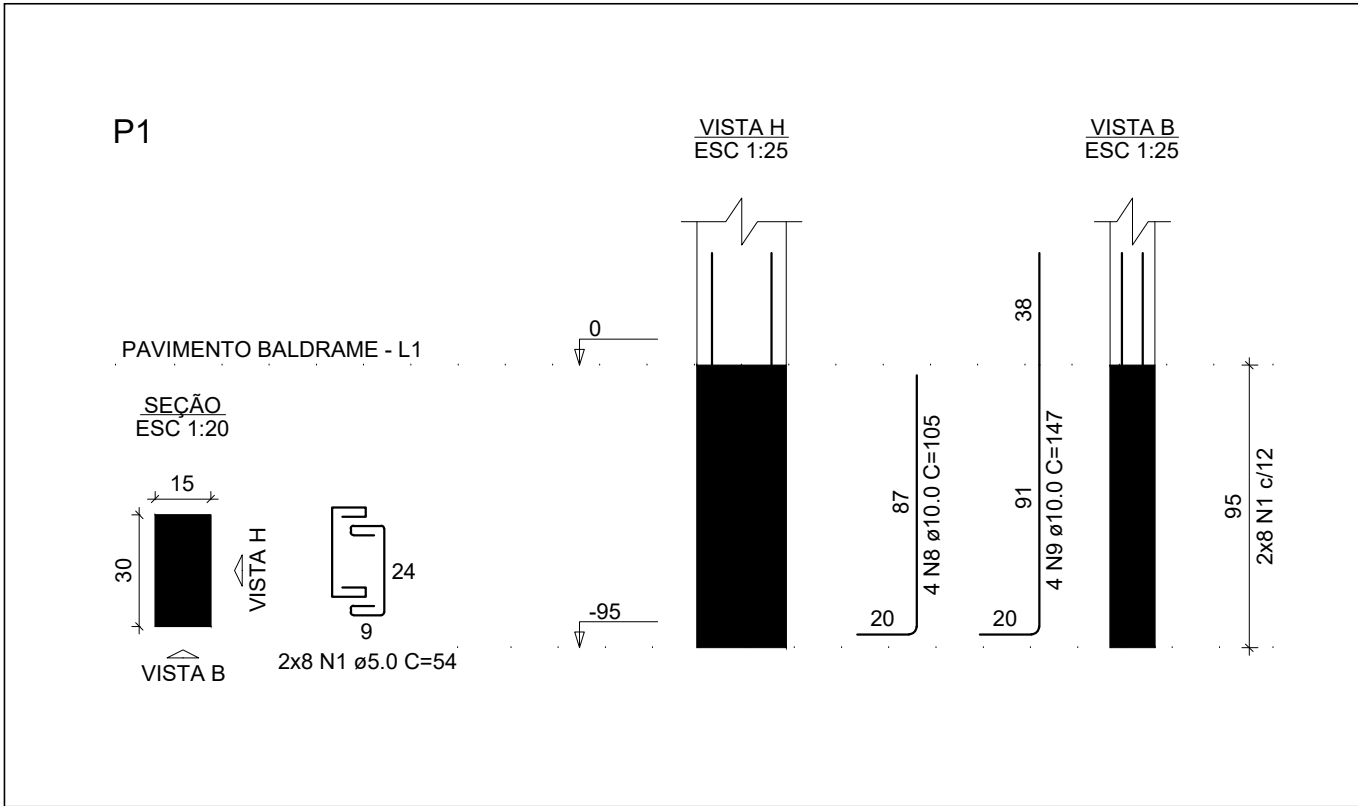
RESUMO DE AÇO		
Ø	COMP (m)	PESO (kg)
5.0	---	---
8.0	1047,84	413,89
10.0	---	---
12.5	---	---
16.0	---	---
20.0	---	---
PESO TOTAL		413,89

Tubulão	(ton)	Calculado		Real		Calculado	Real
	Carga ton	Ø Fuste cm	Ø Base cm	Ø Fuste cm	Ø Base cm	H cm	H cm
12	5	60	56	60	80	17	20
1-6-7-9-15-16-17-18-21-22-23-24-25-29-30-31-32-34-36-38-39	10	60	80	60	80	17	20
10-11-20-26-33	15	60	98	60	100	35	40
2-3-5-27-28-37	20	60	113	60	150	78	80
4-13-14	25	60	126	60	150	78	80



Tubulao	φB	φf	H	BLOCO	L	AB	Af	V	Q	VT
	cm	cm	cm	cm	cm	m2	m2	m3	unit	m3
1-6-7-9-12-15-16-17-18-21-22-23-24-25-29-30-31-32-34-36-38-39	80	60	20	60	500	0,5027	0,2827	1,31	23	30,11
8-10-11-20-26-33-35	100	60	40	60	500	0,7854	0,2827	1,44	7	10,06
2-3-4-5-13-14-27-28-37	150	60	60	60	500	1,7671	0,2827	1,92	9	17,30
TOTAL										57,47

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/23
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des. no.:	02	Planta:	BLOCOS E TUBULÕES
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA 250.444/D		HIDROGINASTICA E FISIOTERAPIA



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CASO	1	5.0	102	54	10386
	2	5.0	184	24	4416
	3	5.0	208	64	13312
	4	5.0	182	74	13468
	5	5.0	82	24	4968
	6	5.0	16	29	464
	7	5.0	16	29	464
	8	10.0	18	105	1890
	9	10.0	172	147	25394
	10	10.0	6	75	450
	11	12.5	34	64	3166
	12	12.5	18	104	1872
	13	12.5	62	155	12710

RESUMO DO AÇO

AÇO	DIAM (mm)	C TOTAL (m)	PESO + 10% (kg)
CASO	10.0	276.2	187.3
CASO	12.5	177.8	188.4
CASO	5.0	490.8	83.2
PESO TOTAL (kg)			375.7
CASO			63.2

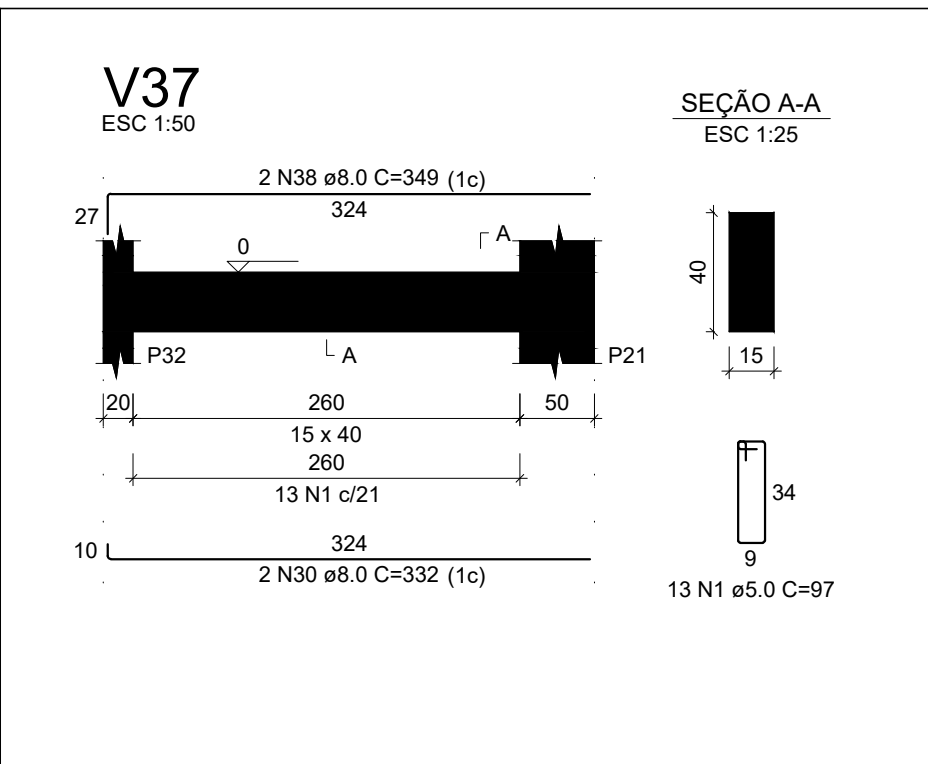
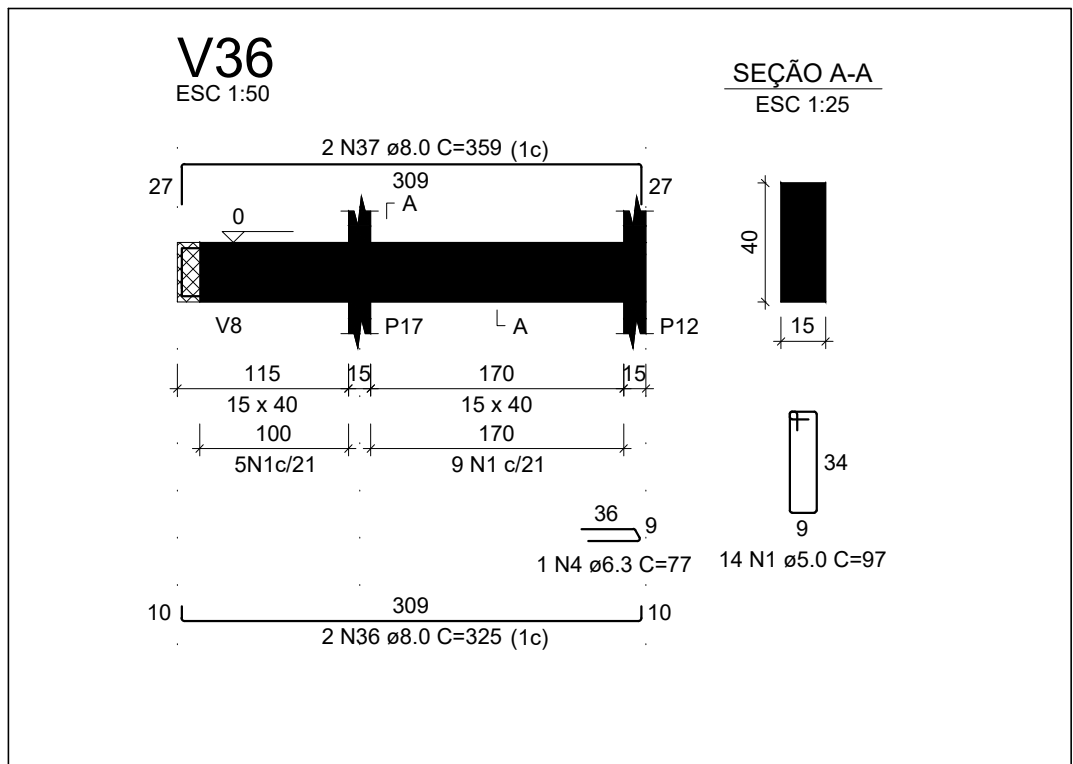
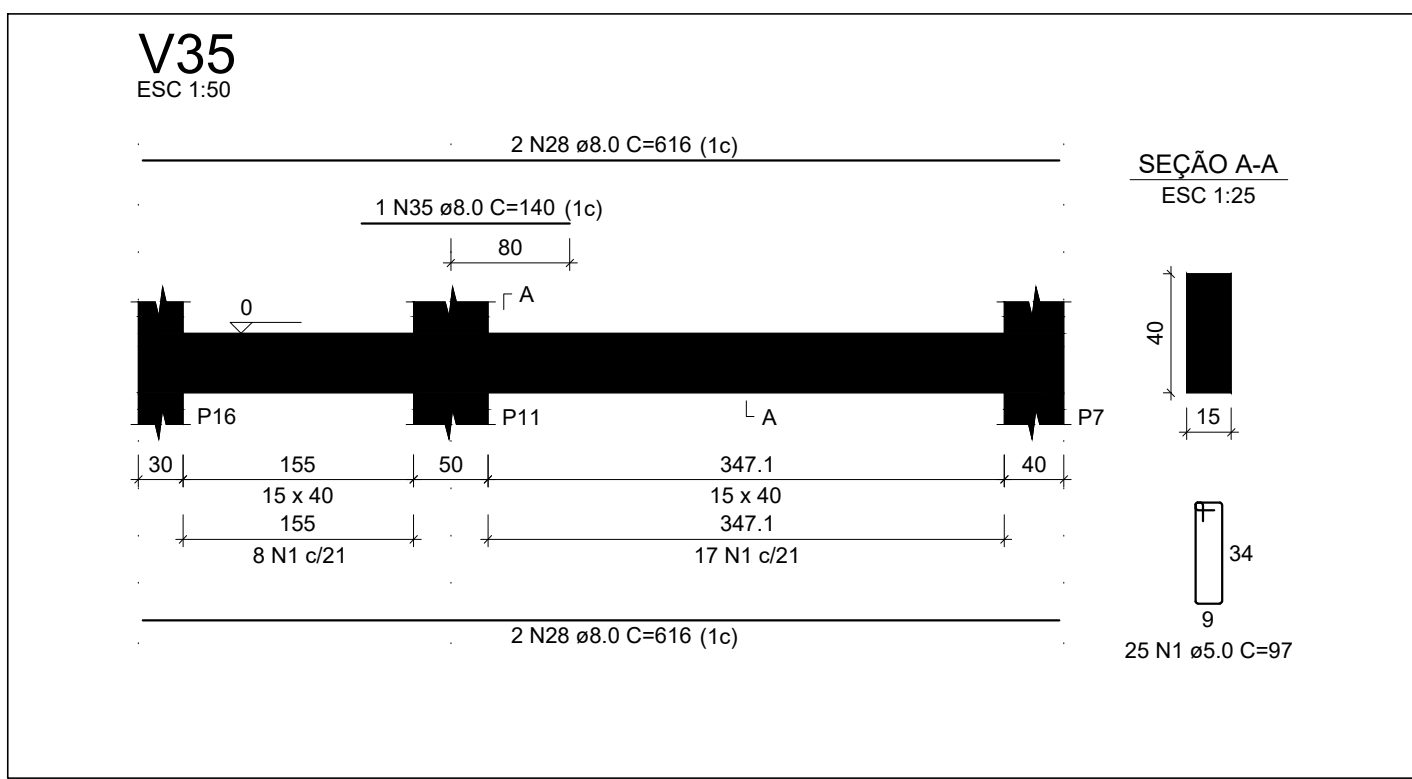
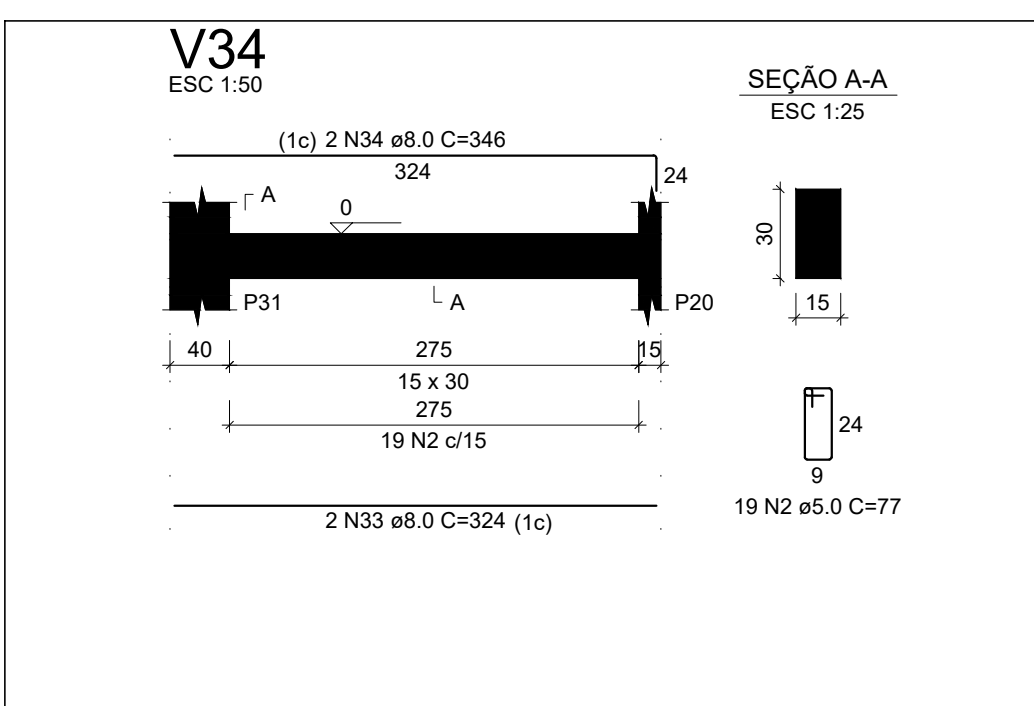
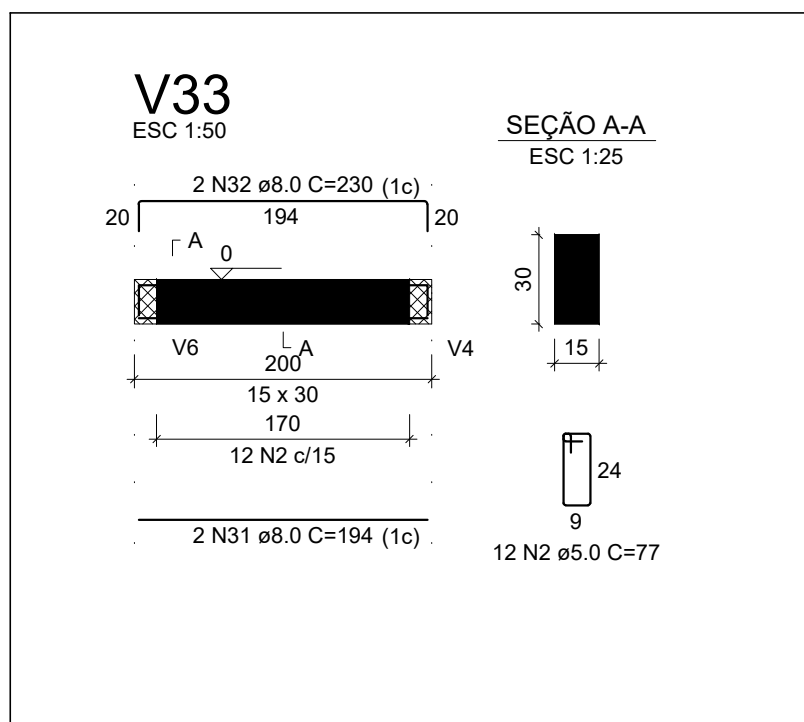
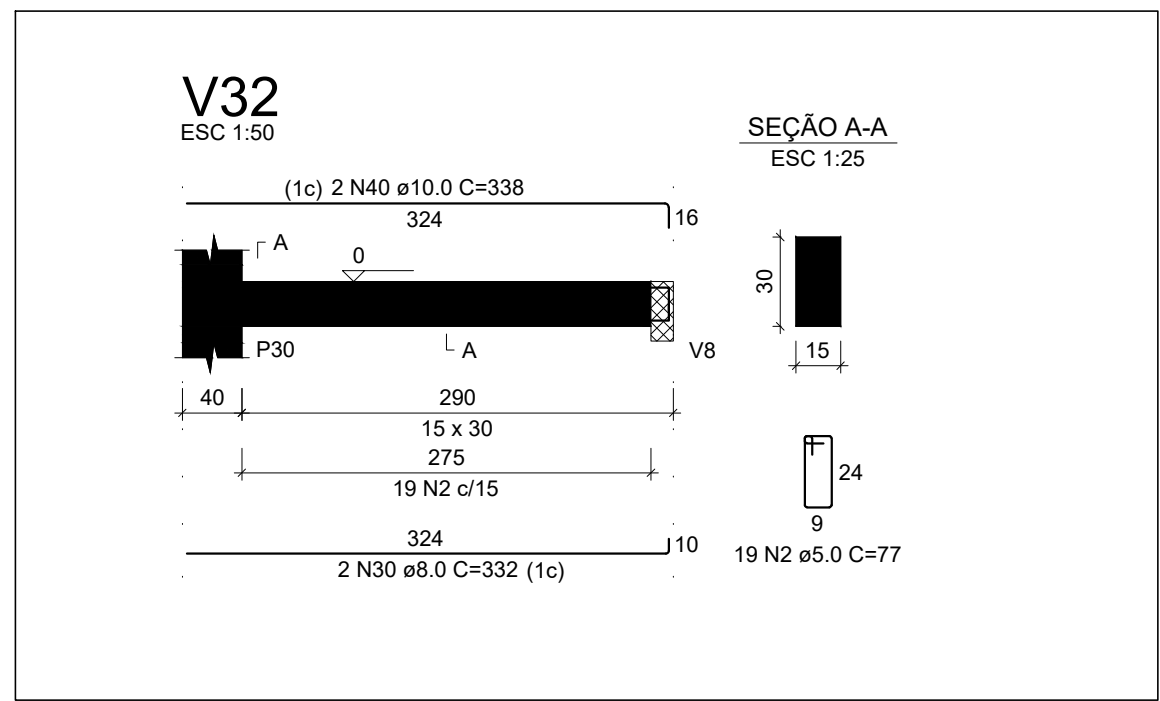
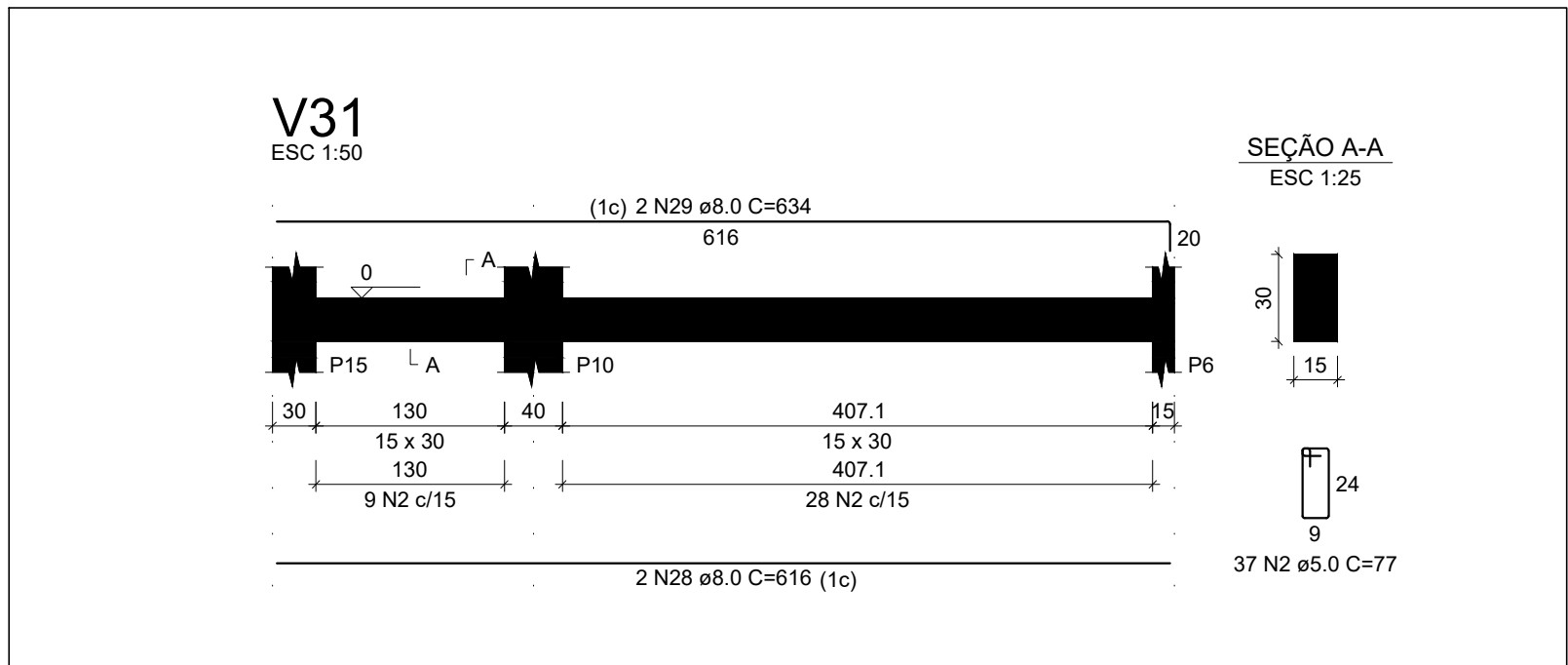
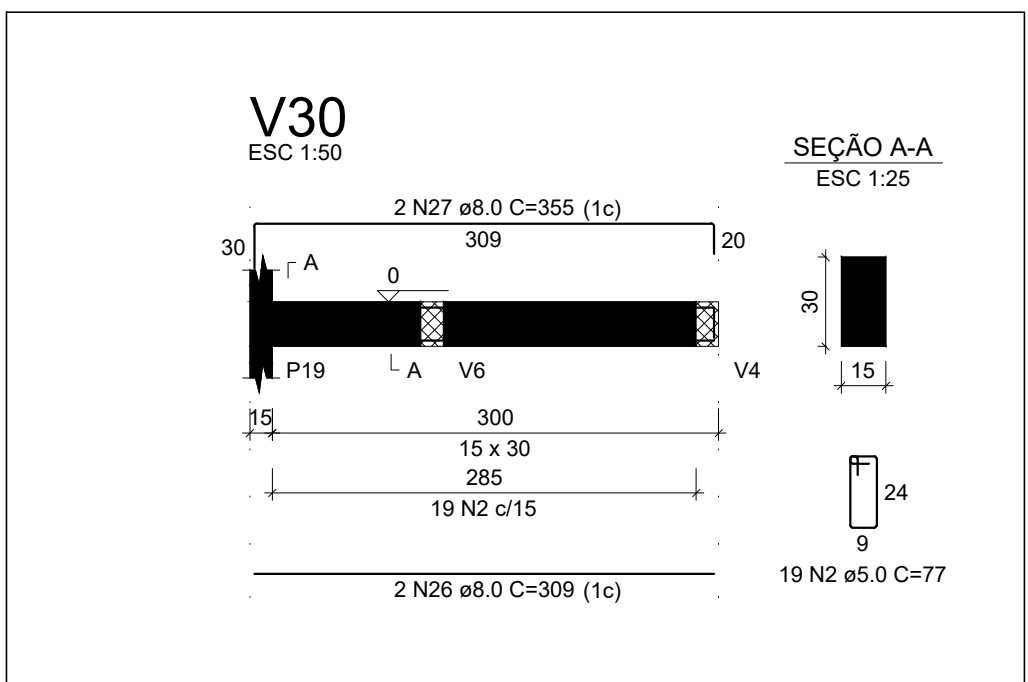
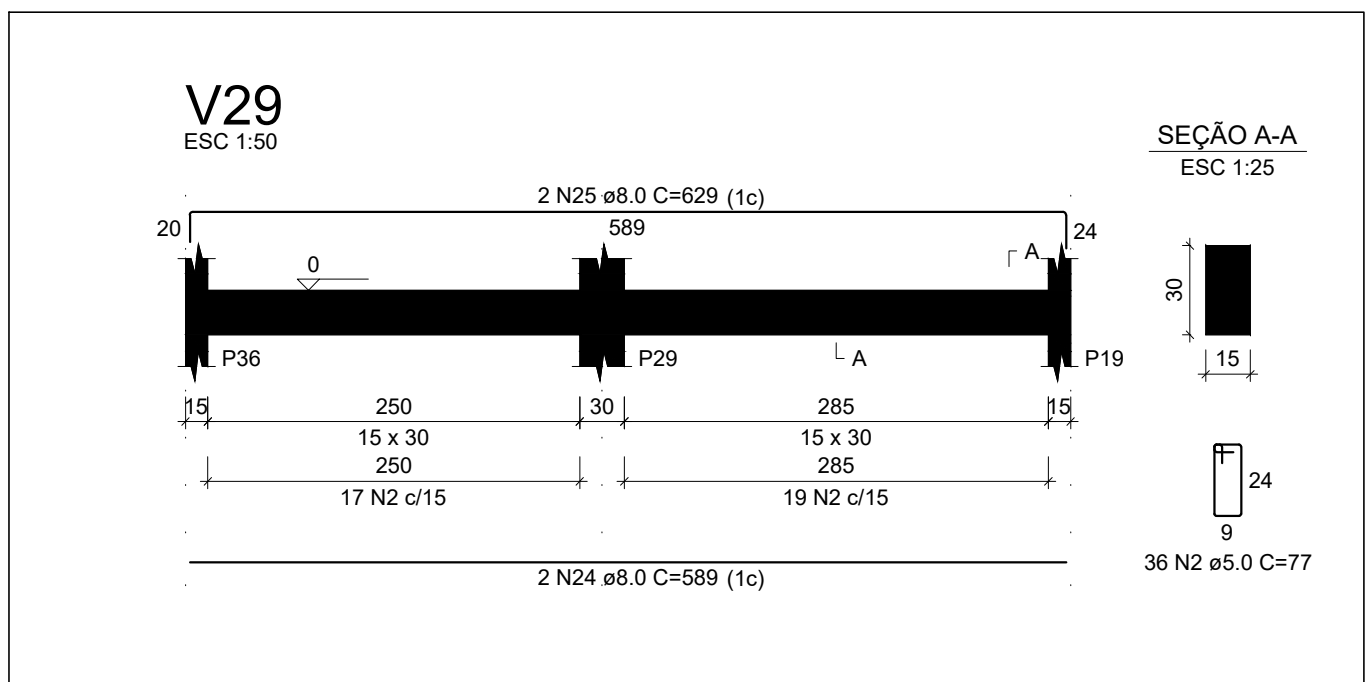
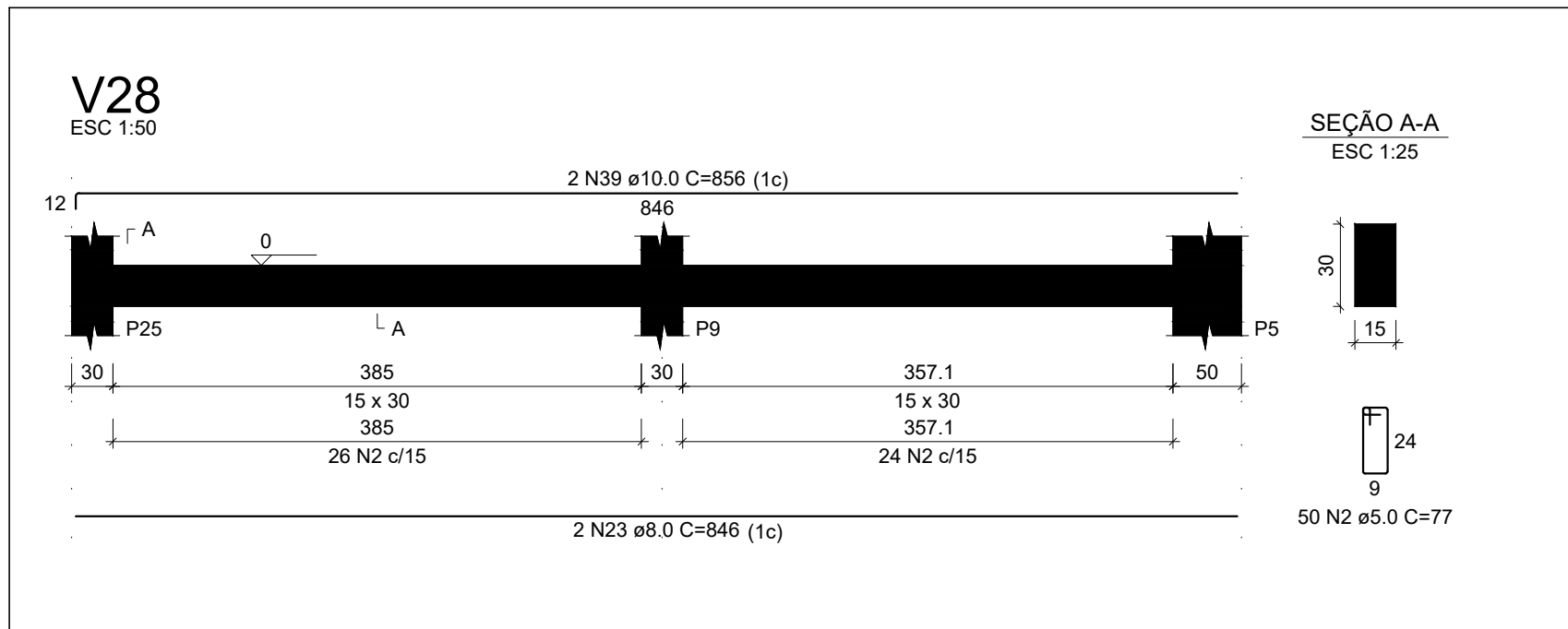
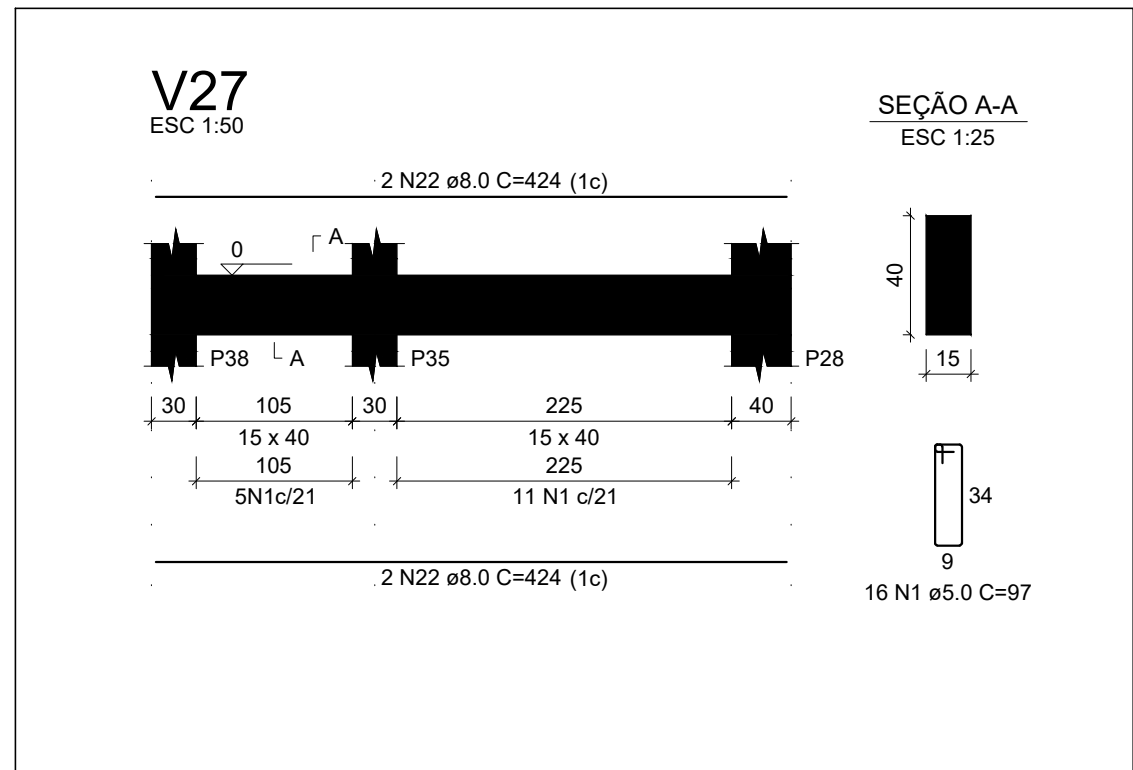
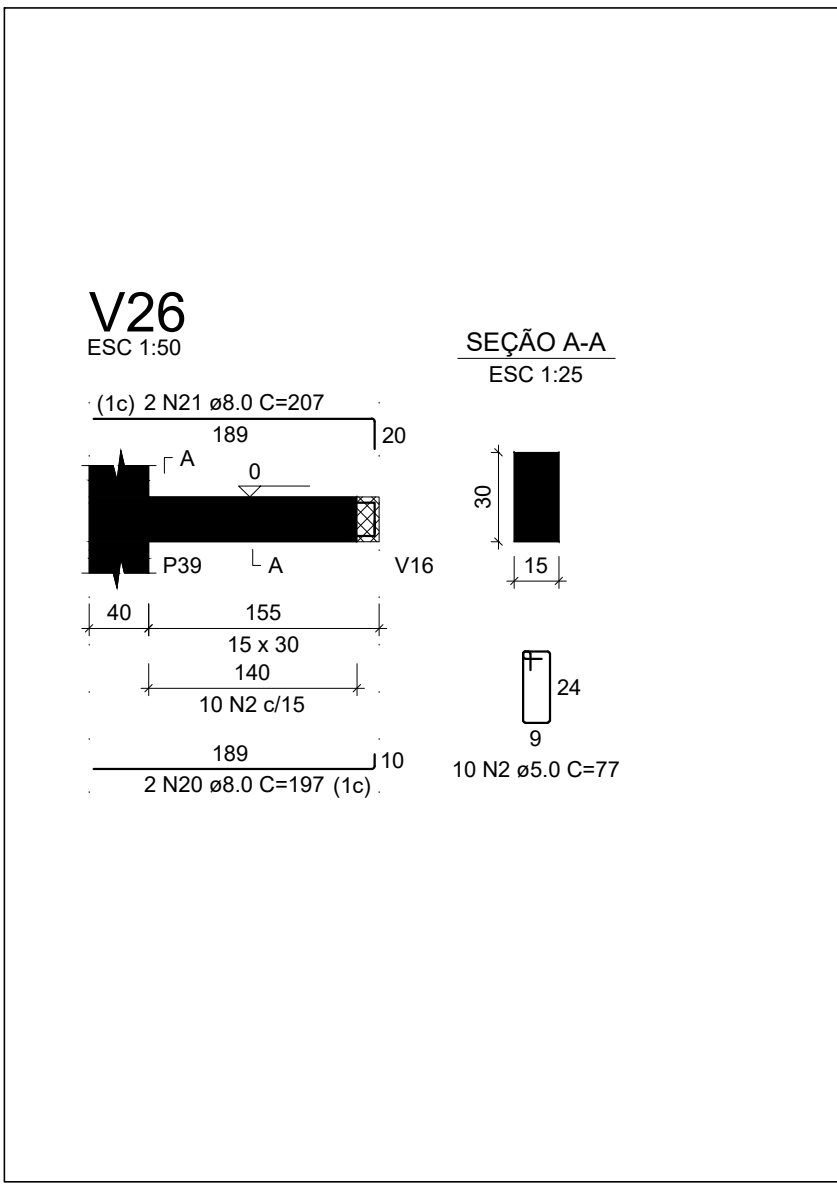
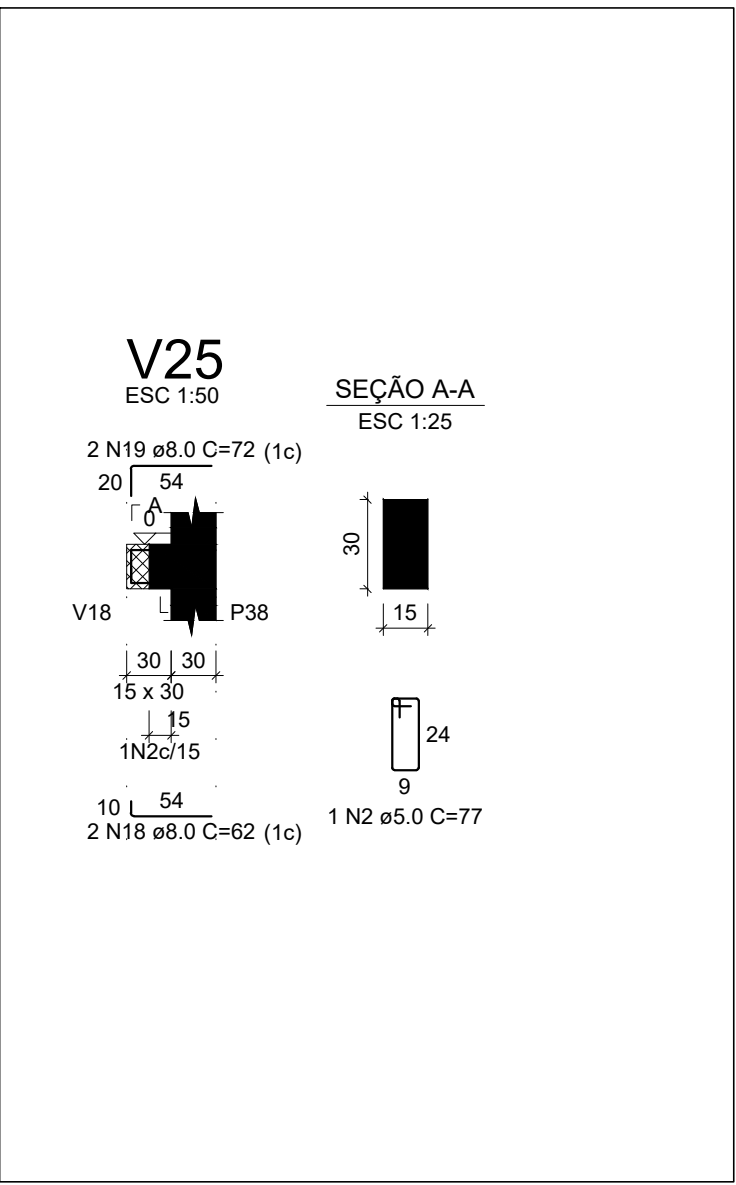
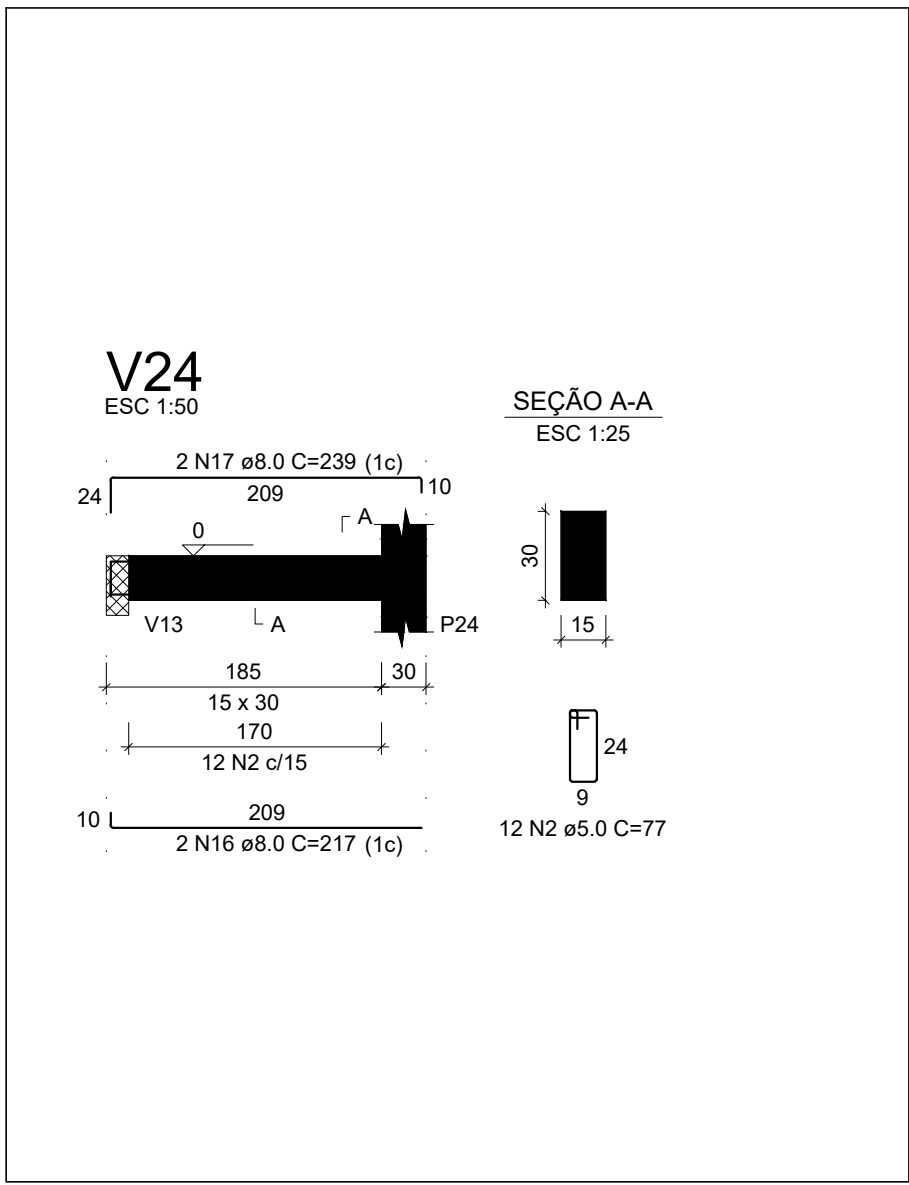
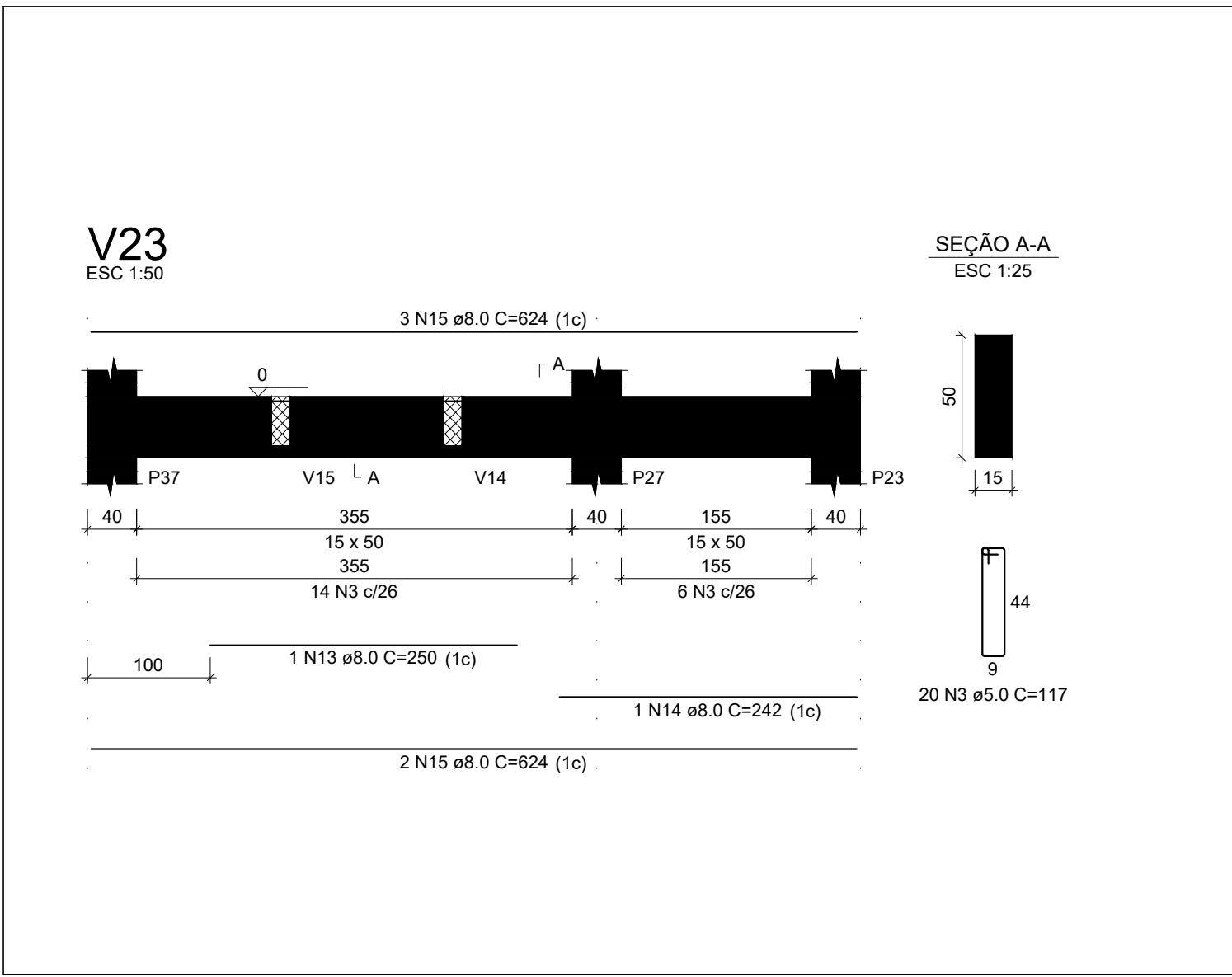
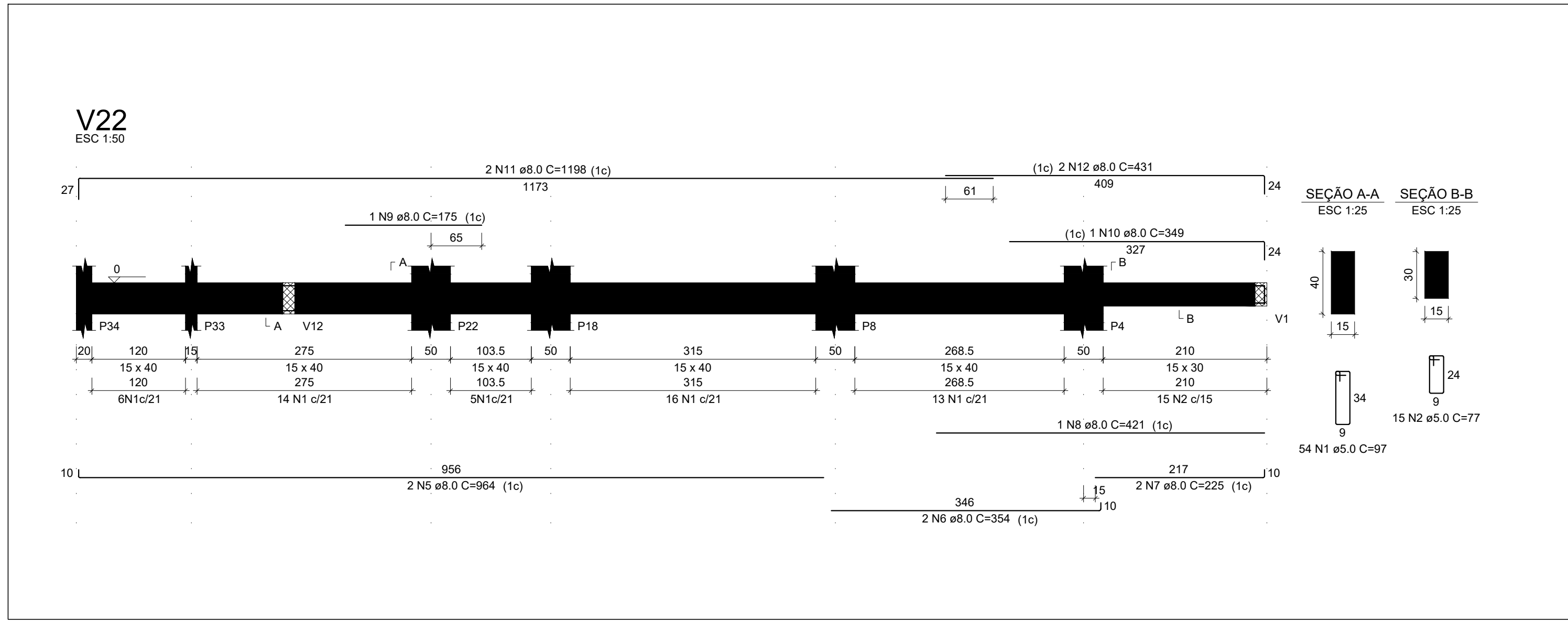
Volume de concreto (C-25) = 0.24 m³

Área de forma = 4.35 m²

Pilares para nivelamento de cintas, ou seja, pilares para fechamento com blocos, deverão ter medidas retiradas em loco.

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	04	Planta:	PILARES PARA NIVELAMENTO DE CINTAS
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

HIDROGINÁSTICA E FISIOTERAPIA

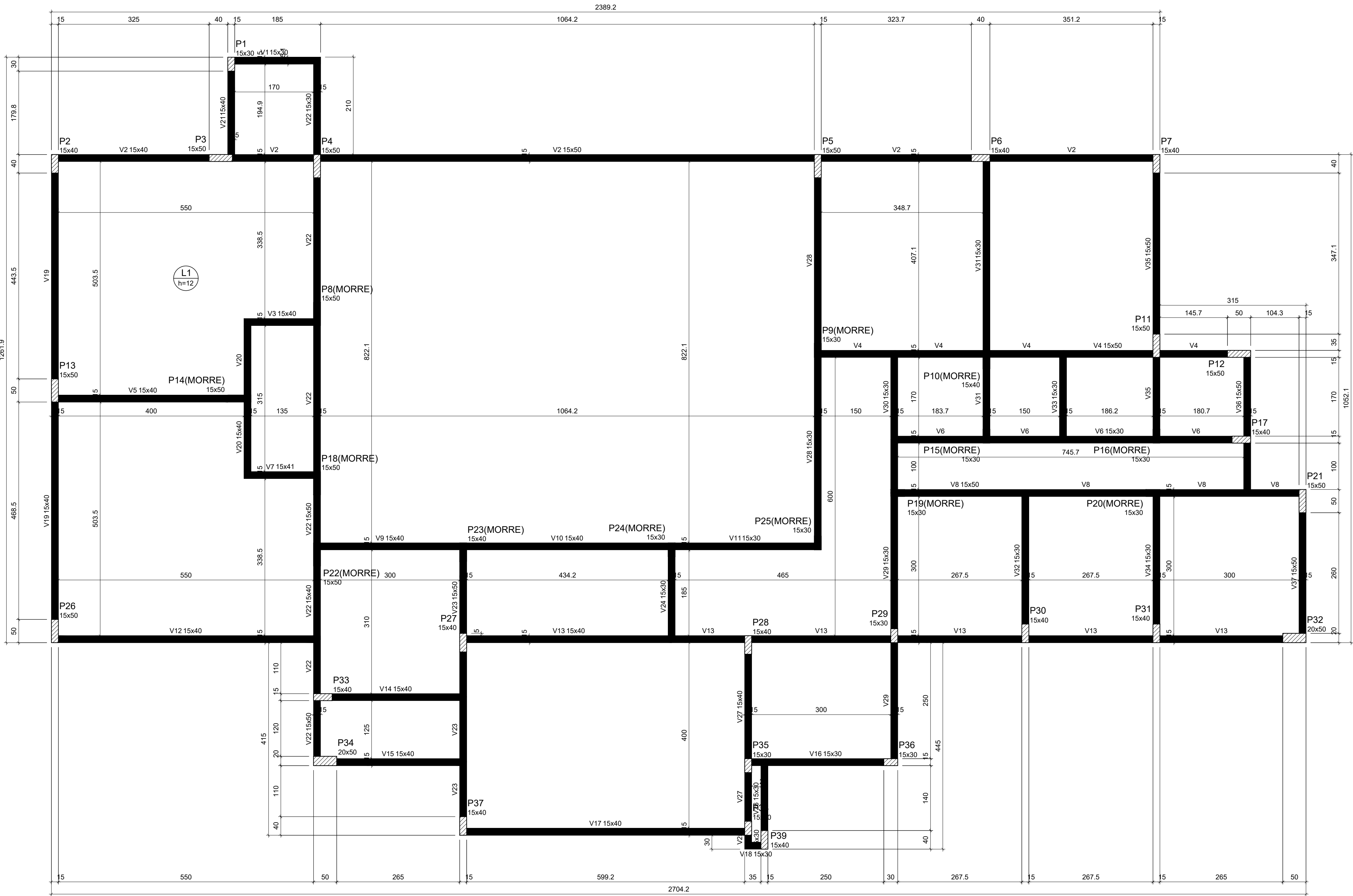


RELAÇÃO DO AÇO					
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (m)
CA50	1	5.0	122	97	11834
	2	5.0	230	77	17710
	3	5.0	20	117	2340
	4	6.3	1	77	77
	5	8.0	964	964	9266
	6	8.0	2	324	648
	7	8.0	2	225	450
	8	8.0	1	421	421
	9	8.0	1	175	175
	10	8.0	1	431	431
	11	8.0	2	1188	2386
	12	8.0	1	862	862
	13	8.0	1	250	250
	14	8.0	1	242	242
	15	8.0	5	624	3120
	16	8.0	2	217	434
	17	8.0	2	239	478
	18	8.0	2	62	124
	19	8.0	2	72	144
	20	8.0	2	107	394
	21	8.0	2	207	414
	22	8.0	4	424	1696
	23	8.0	2	846	1692
	24	8.0	2	599	1178
	25	8.0	2	629	1258
	26	8.0	2	309	618
	27	8.0	2	355	710
	28	8.0	6	616	3696
	29	8.0	2	634	1268
	30	8.0	4	332	1328
	31	8.0	2	194	388
	32	8.0	2	230	460
	33	8.0	2	324	648
	34	8.0	2	346	692
	35	8.0	1	140	140
	36	8.0	2	325	650
	37	8.0	2	359	718
	38	8.0	2	349	698
	39	10.0	2	856	1712
	40	10.0	2	338	676

RESUMO DO AÇO			
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.3	0.8	0.2
	8.0	307.3	133.4
	10.0	23.9	16.2
	5.0	318.8	54.1
PESO TOTAL (kg)			
CA50		149.8	
CA60		54.1	

Volume de concreto (C-25) = 3.37 m³
Área de forma = 54.38 m²

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	06	Planta:	VIGAS CINTAMENTO
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA



Forma do pavimento Pavimento 1 (Nível 300)
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	15x30	0	300
V2	15x40	0	300
V3	15x50	0	300
V4	15x40	0	300
V5	15x40	0	300
V6	15x30	0	300
V7	15x41	0	300
V8	15x50	0	300
V9	15x40	0	300
V10	15x40	0	300
V11	15x30	0	300
V12	15x40	0	300
V13	15x40	0	300
V14	15x40	0	300
V15	15x40	0	300
V16	15x30	0	300
V17	15x40	0	300
V18	15x30	0	300
V19	15x40	0	300
V20	15x40	0	300
V21	15x40	0	300
V22	15x50	0	300
V23	15x40	0	300
V24	15x30	0	300
V25	15x30	0	300
V26	15x30	0	300
V27	15x40	0	300
V28	15x30	0	300
V29	15x30	0	300
V30	15x30	0	300
V31	15x30	0	300
V32	15x30	0	300
V33	15x30	0	300
V34	15x30	0	300
V35	15x50	0	300
V36	15x50	0	300
V37	15x50	0	300

Lajes							
Nome	Tipo	Dados		Nível (cm)	Sobrecarga (kgf/m²)		
		Altura (cm)	Elevação (cm)		Adicional	Acidental	Localizada
L1	Maciça	12	0	300	300	0	1000

Características dos materiais	
fck	Ecs
(kgf/cm²)	(kgf/cm²)
250	241500

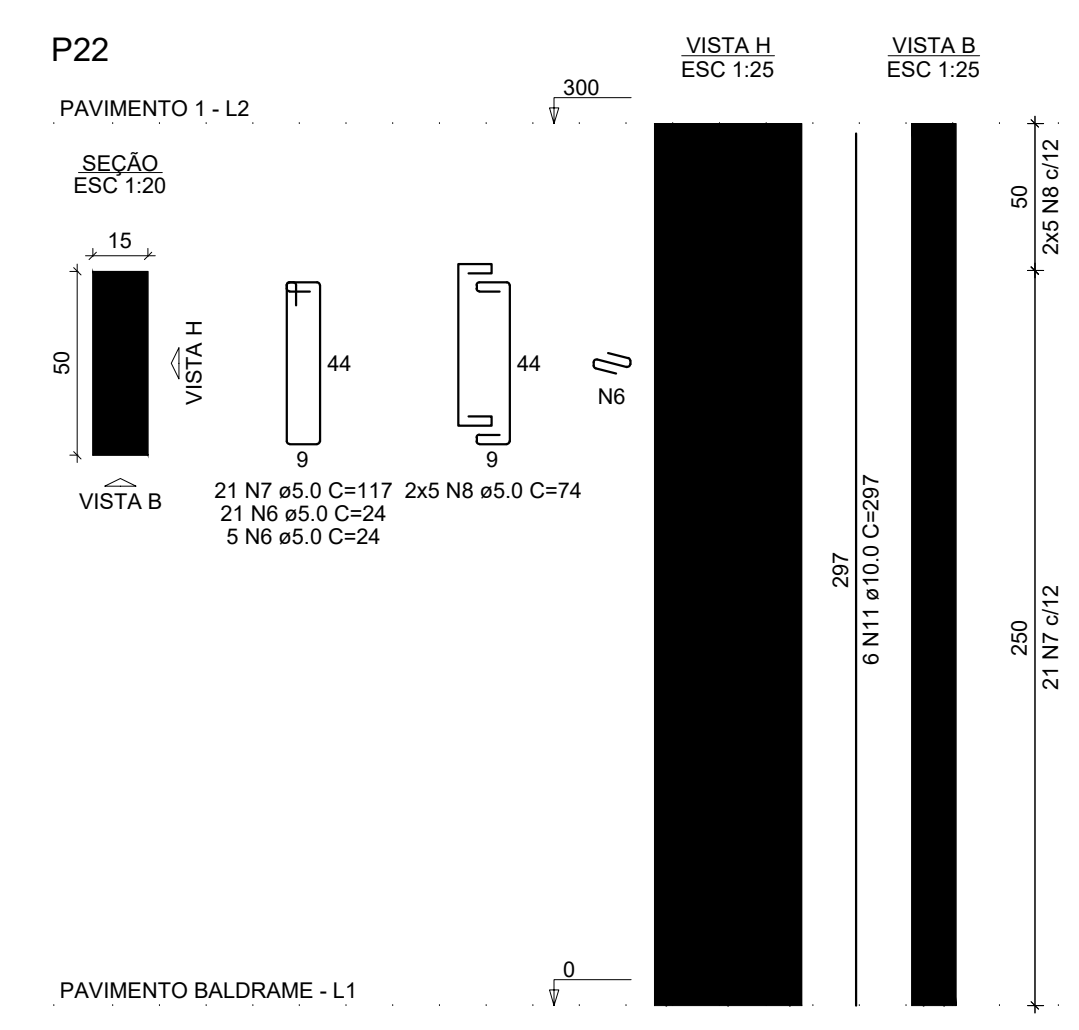
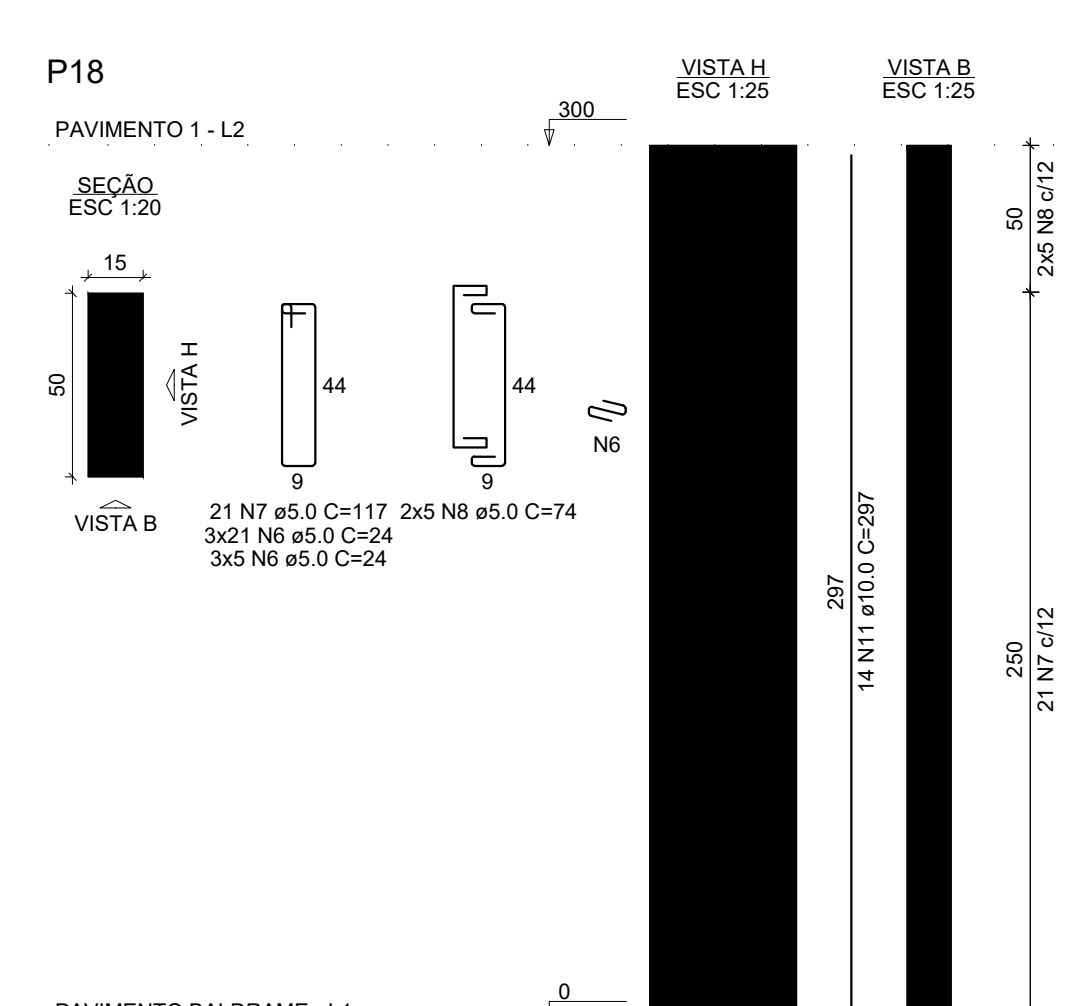
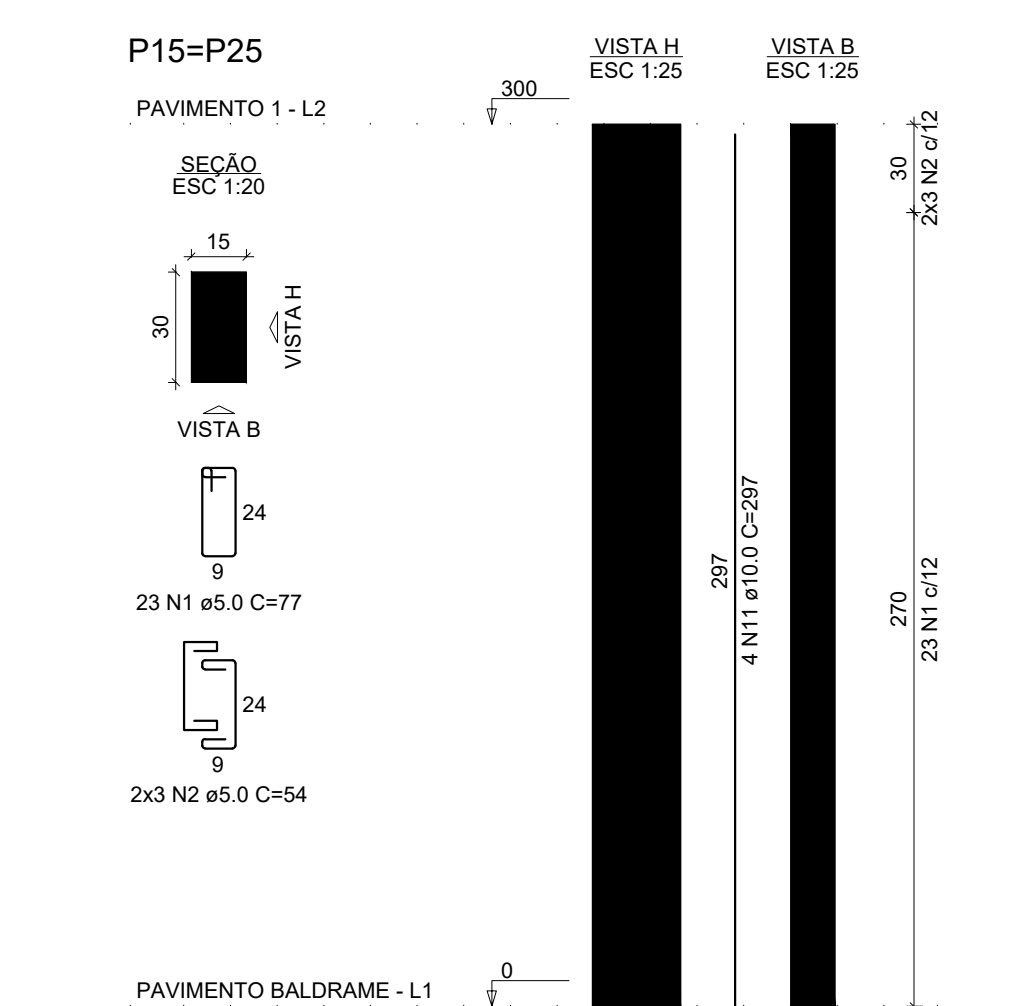
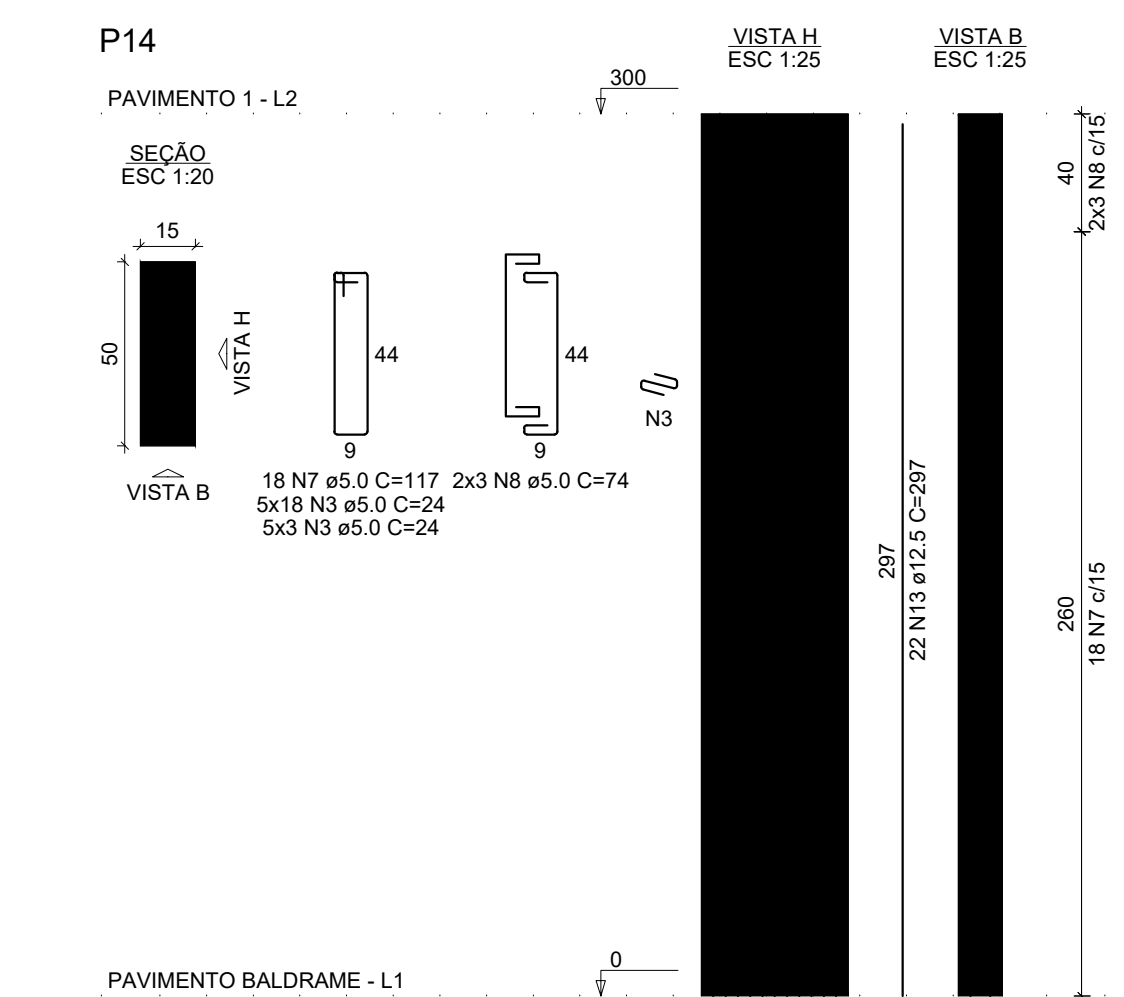
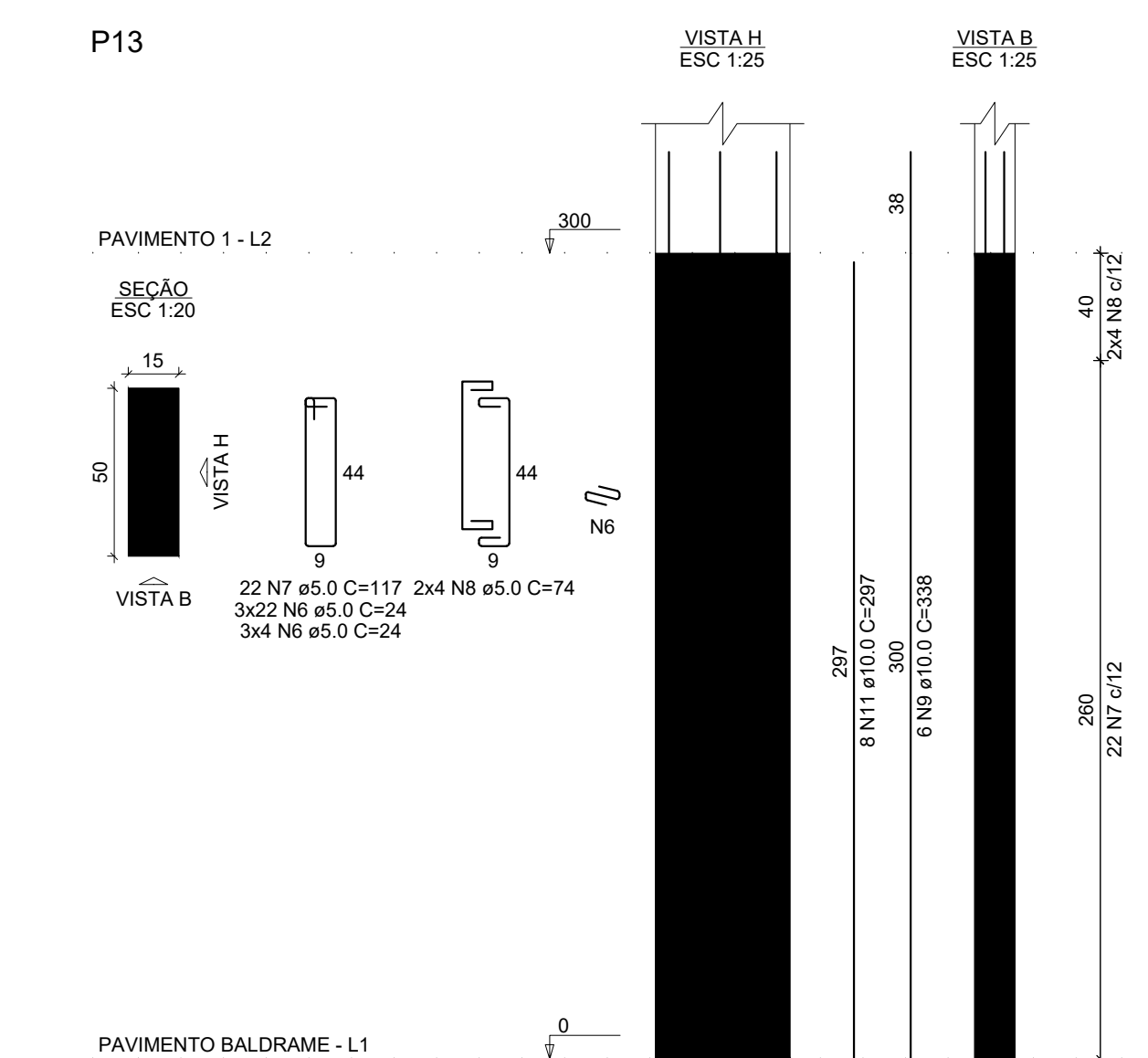
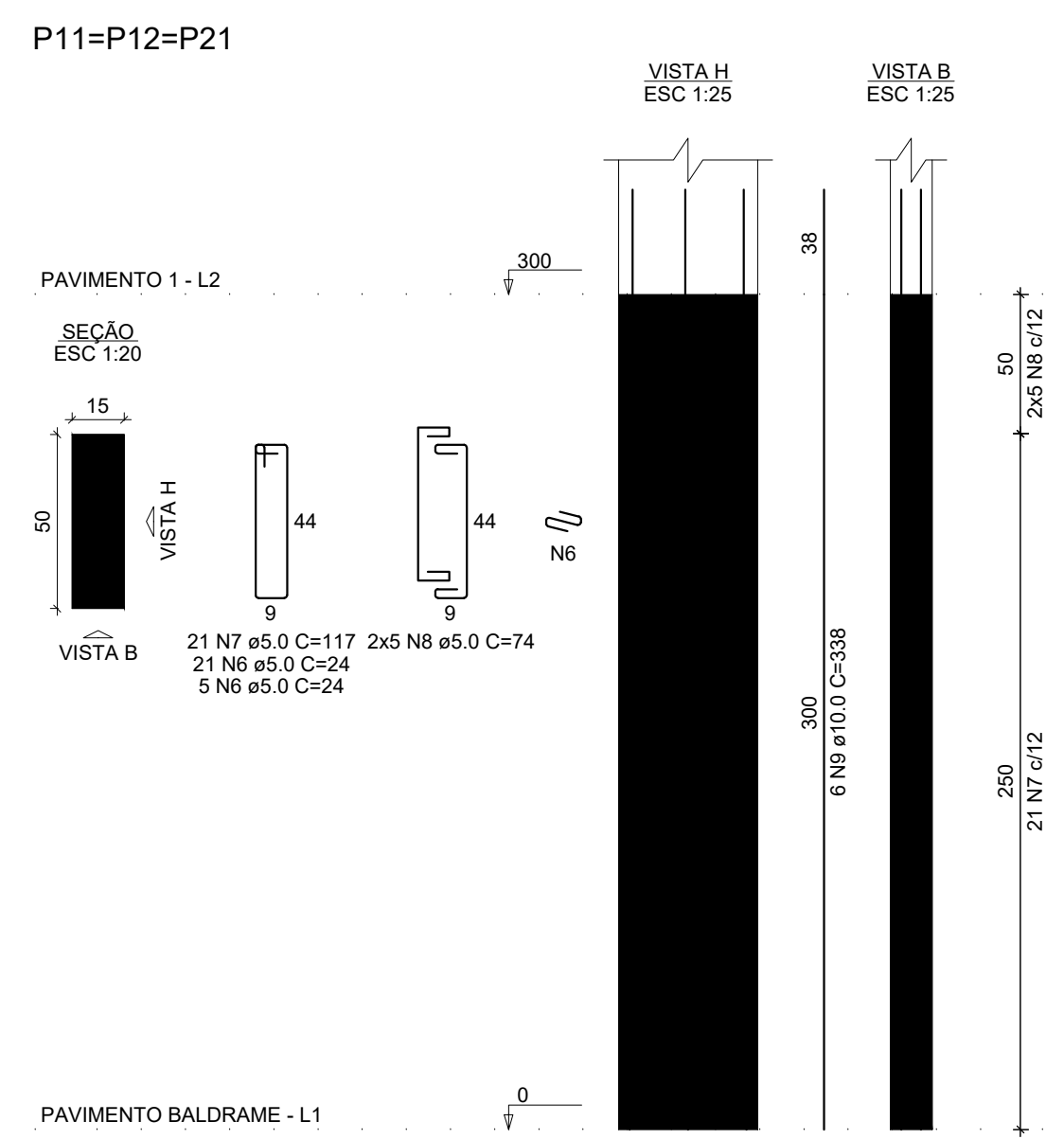
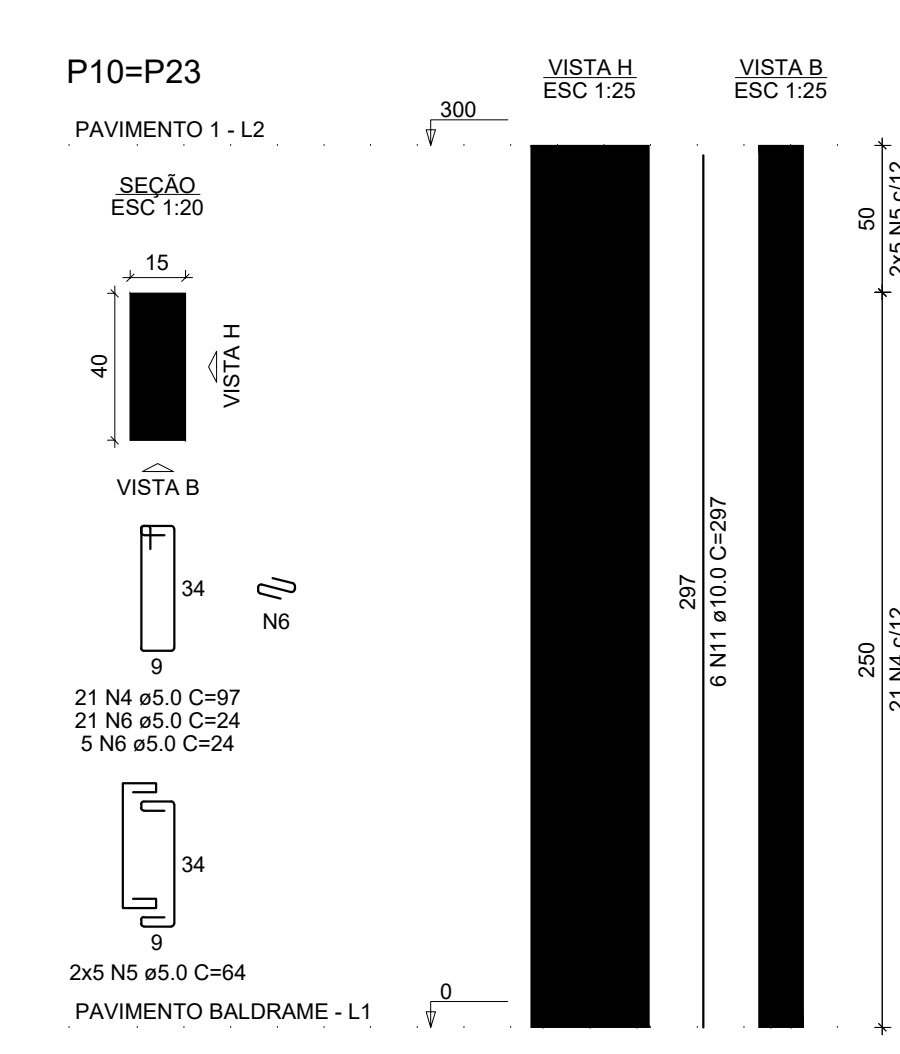
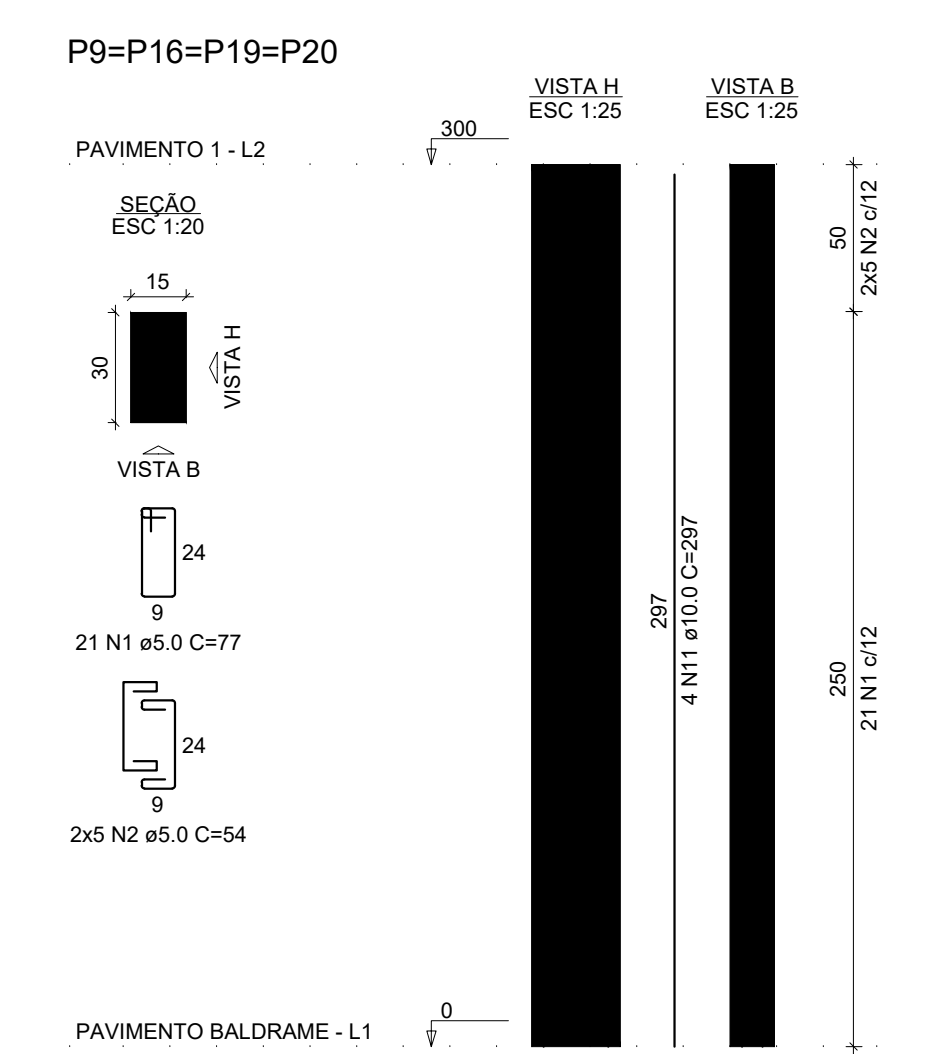
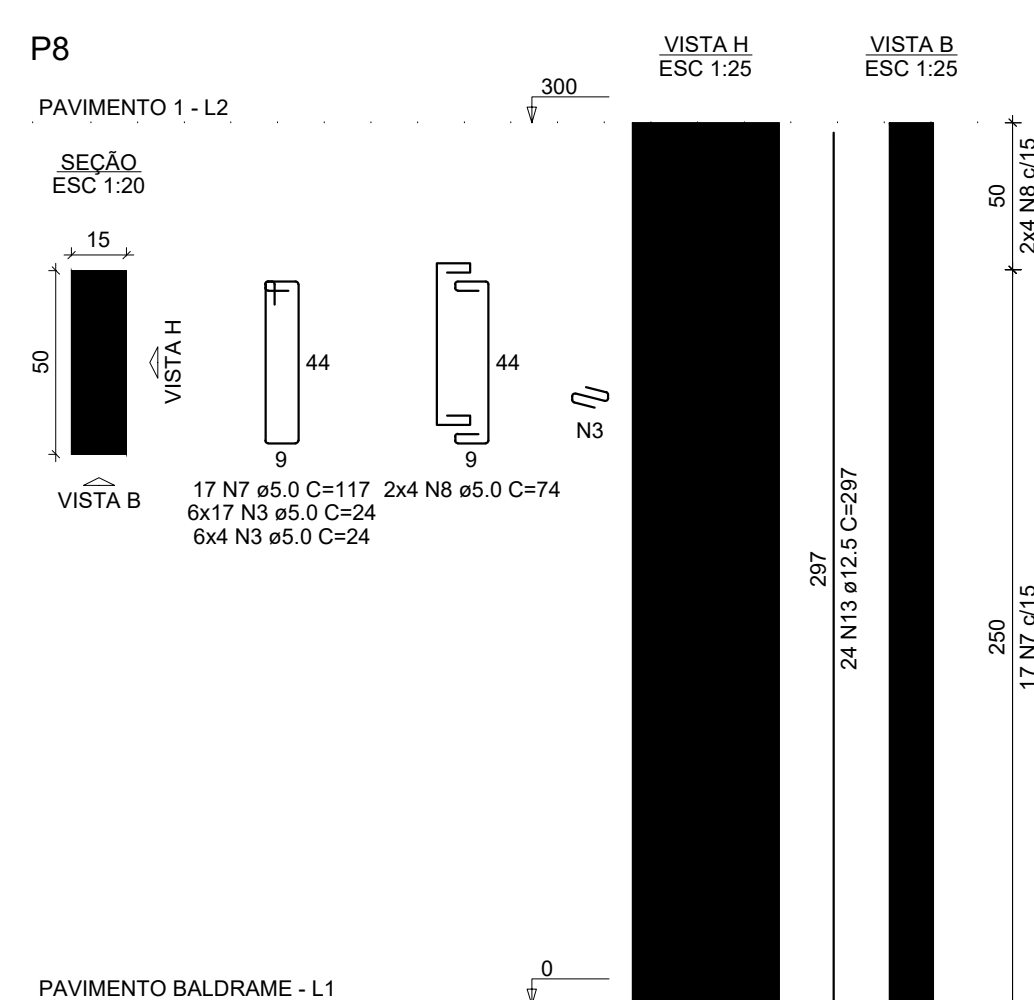
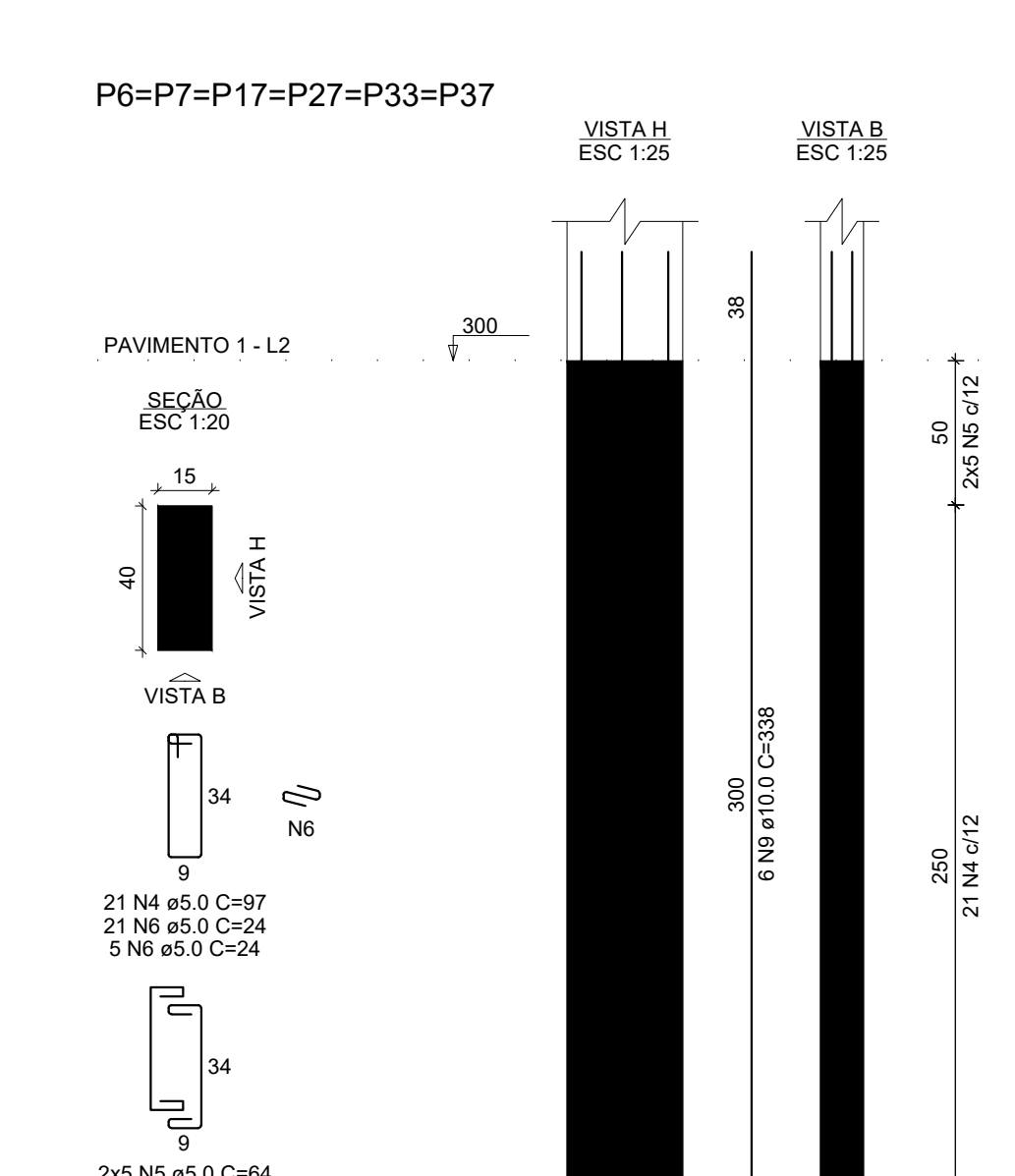
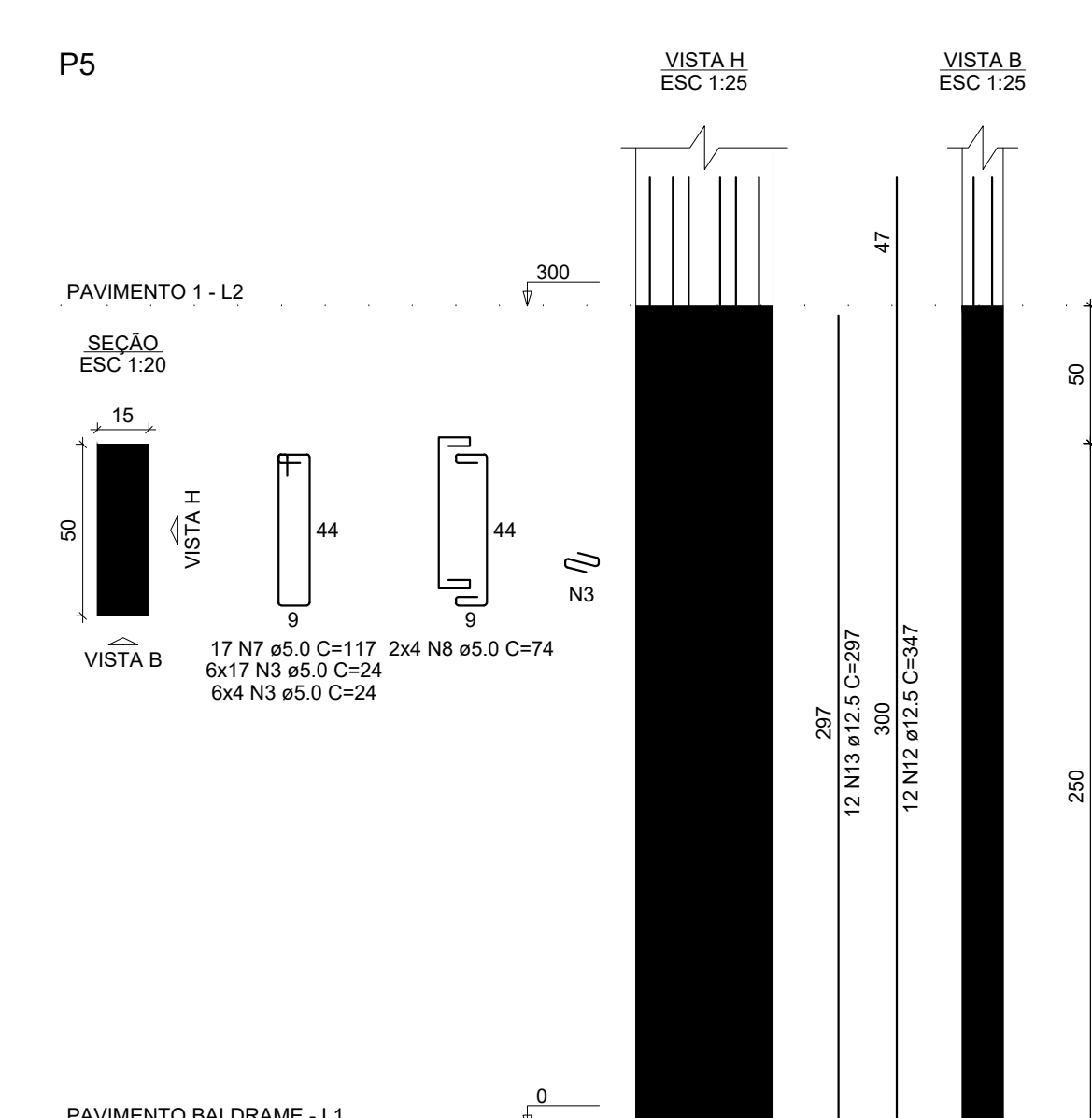
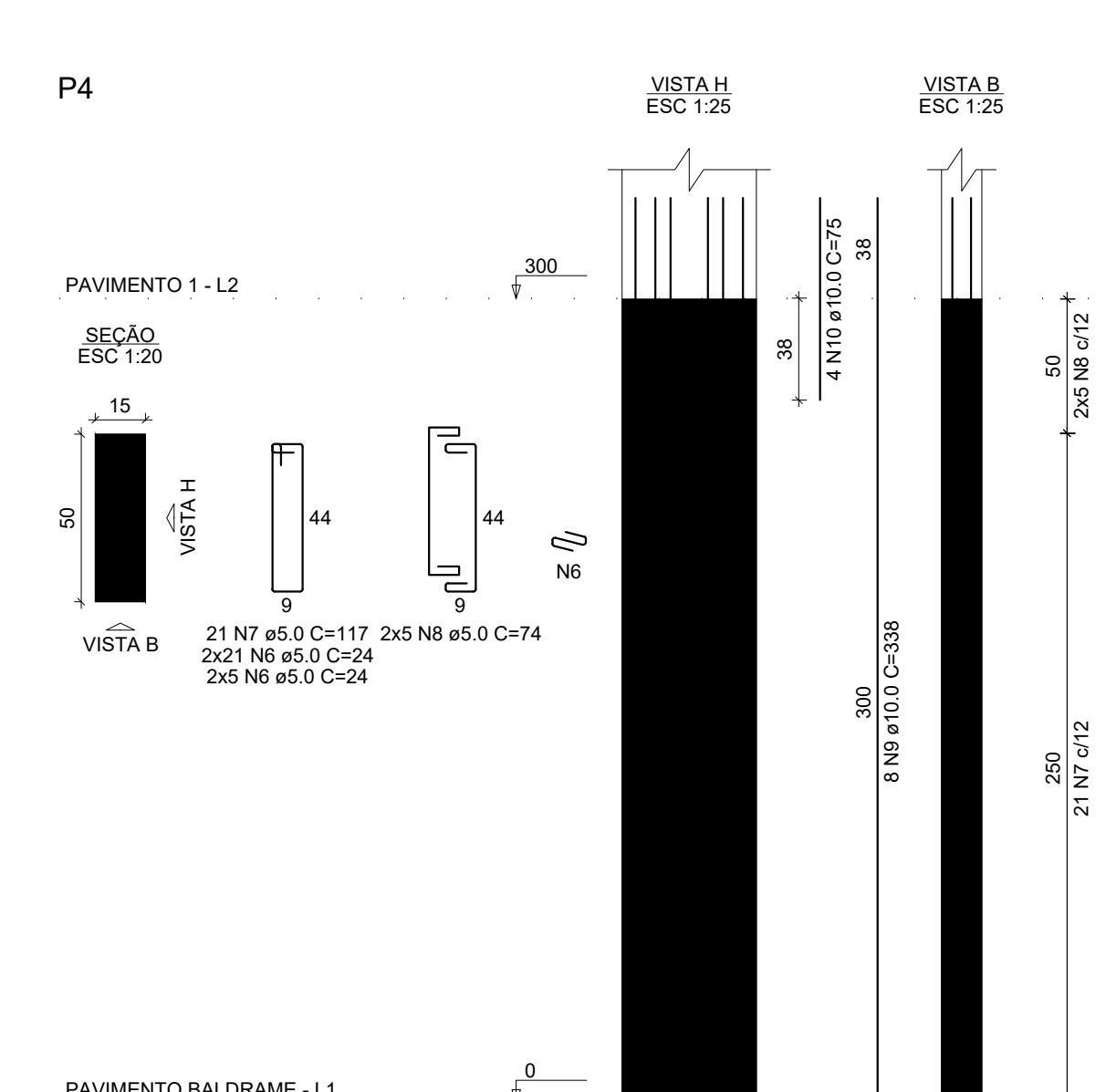
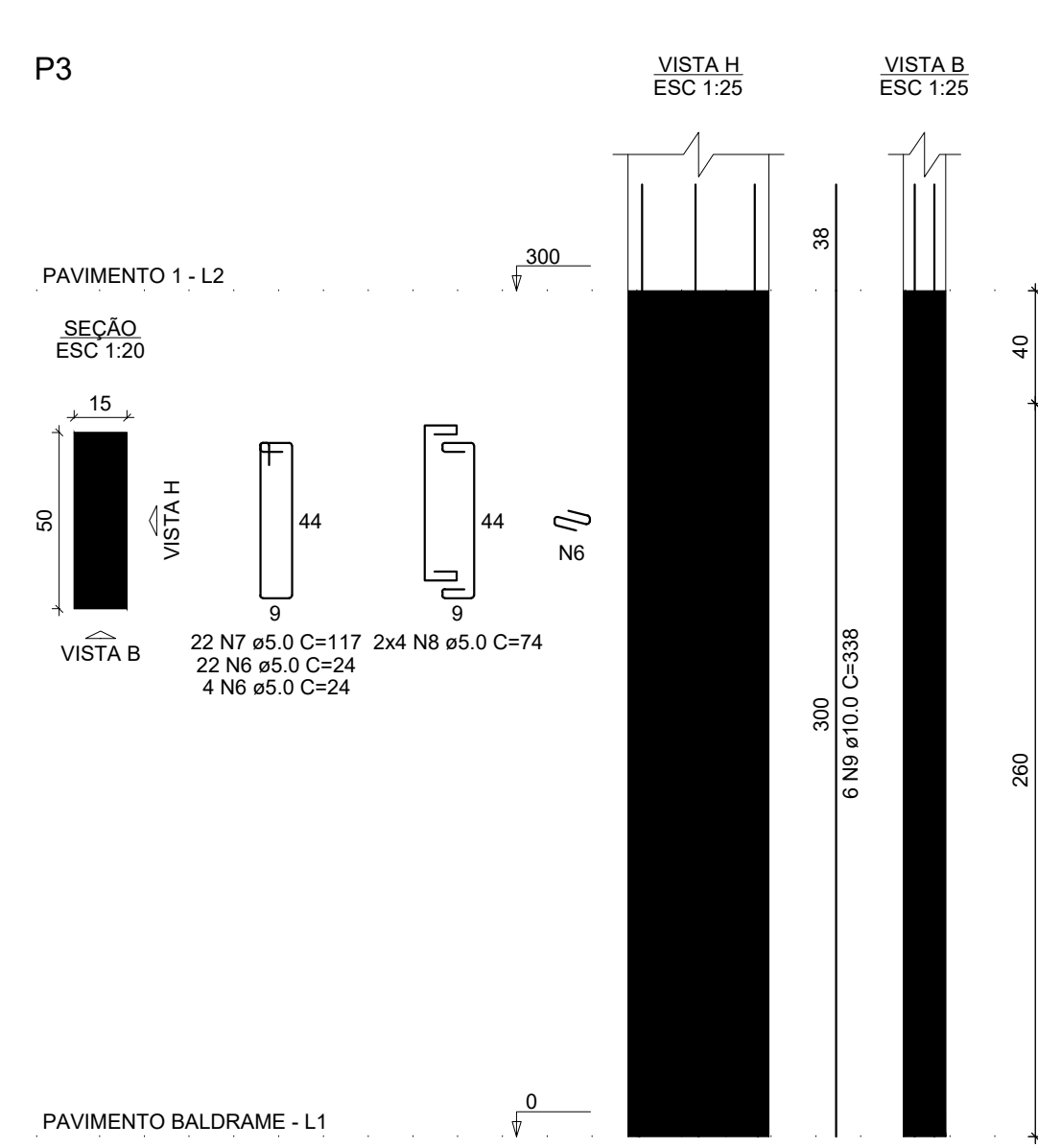
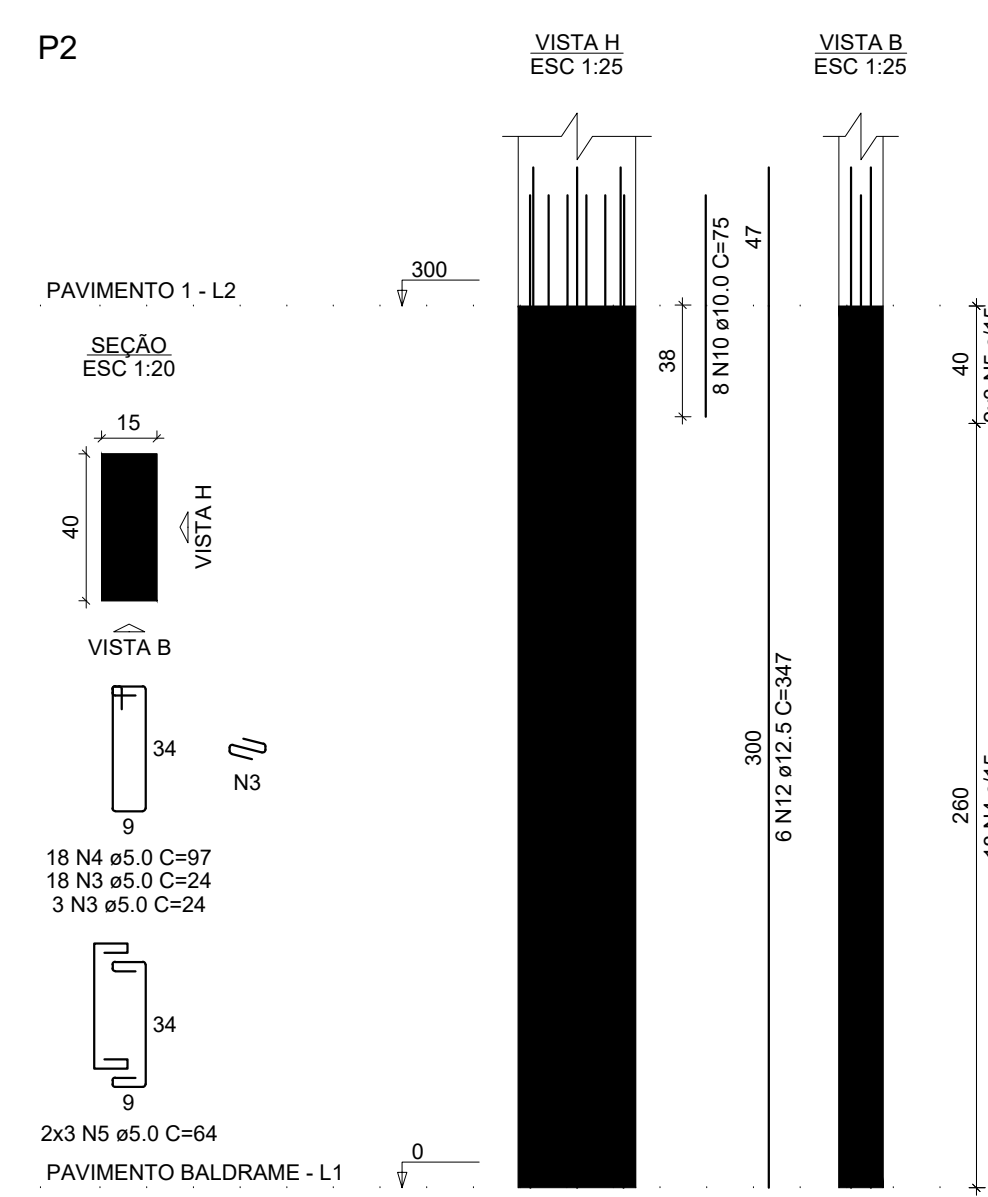
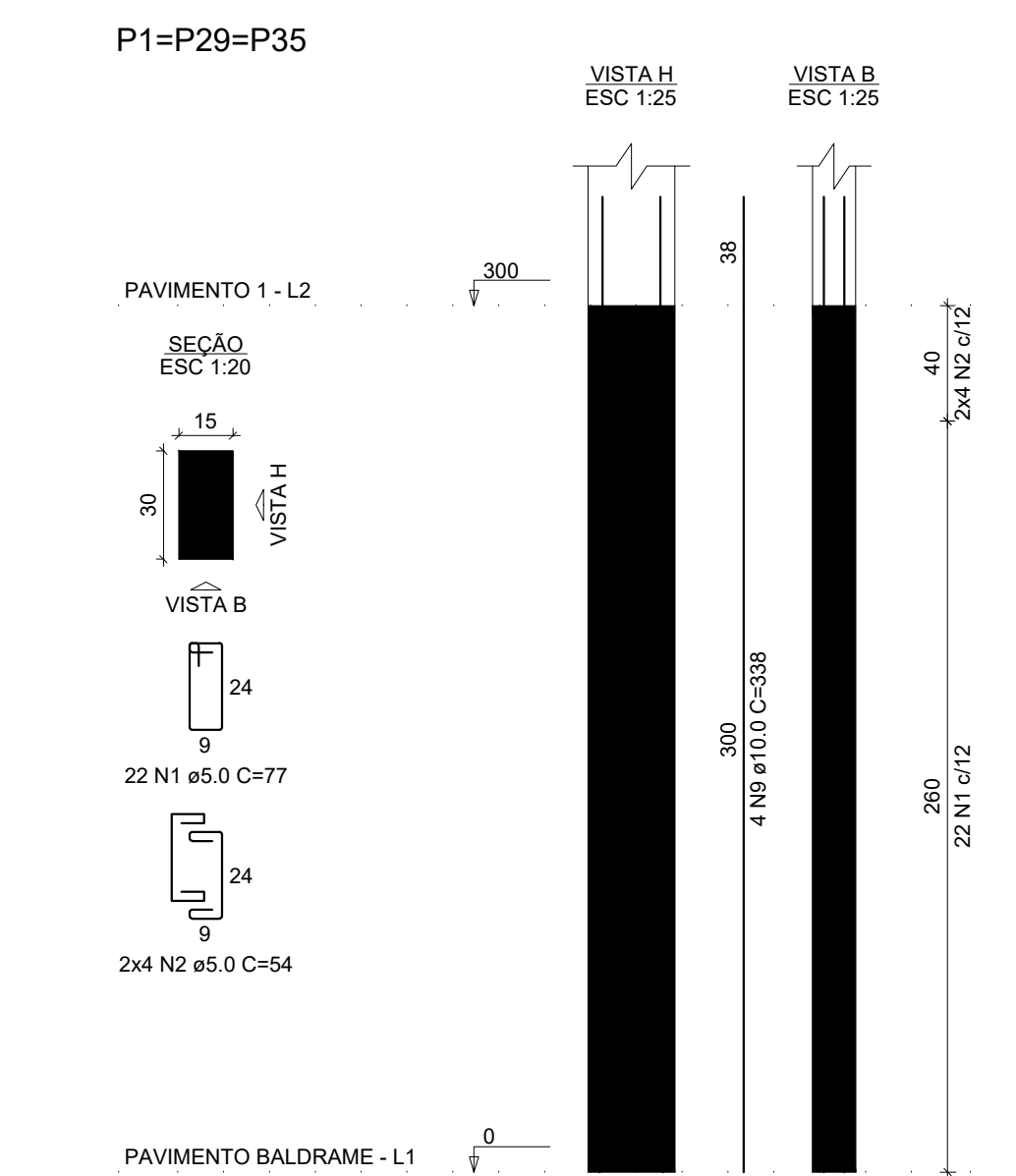
Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15x30	0	300
P2	15x40	0	300
P3	15x50	0	300
P4	15x50	0	300
P5	15x50	0	300
P6	15x40	0	300
P7	15x40	0	300
P8	15x50	0	300
P9	15x30	0	300
P10	15x40	0	300
P11	15x50	0	300
P12	15x50	0	300
P13	15x50	0	300
P14	15x50	0	300
P15	15x30	0	300
P16	15x30	0	300
P17	15x40	0	300
P18	15x50	0	300
P19	15x30	0	300
P20	15x30	0	300
P21	15x50	0	300
P22	15x50	0	300
P23	15x40	0	300
P24	15x30	0	300
P25	15x30	0	300
P26	15x50	0	300
P27	15x40	0	300
P28	15x40	0	300
P29	15x30	0	300
P30	15x40	0	300
P31	15x40	0	300
P32	20x50	0	300
P33	15x40	0	300
P34	20x50	0	300
P35	15x30	0	300
P36	15x30	0	300
P37	15x40	0	300
P38	15x30	0	300
P39	15x40	0	300

Legenda dos pilares	
	Pilar que morre
	Pilar que passa

Legenda das vigas e paredes	
	Viga

Projeto: PROJETO ESTRUTURAL		Data: 15/03/2023
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des.no.: 07	Planta: FORMAS PAVIMENTO 1 H= 3,00MT	
Autor: NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

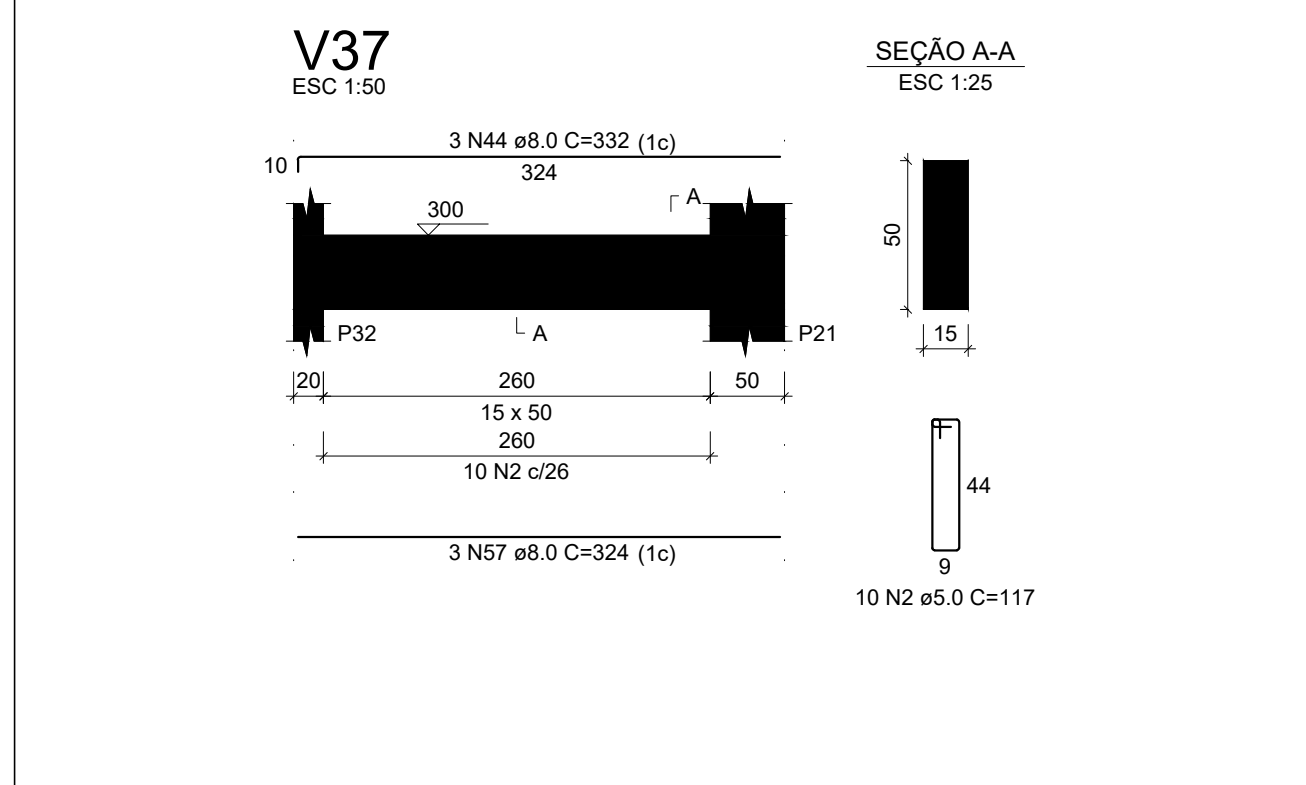
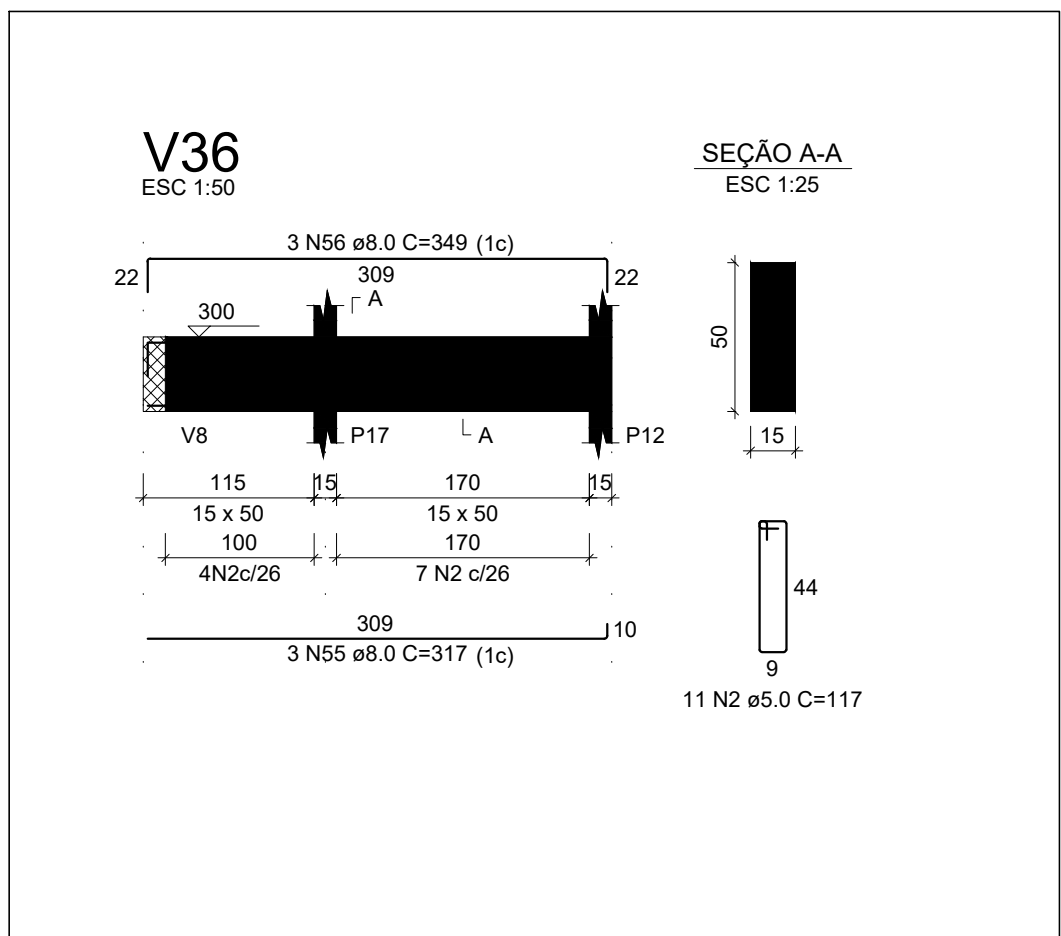
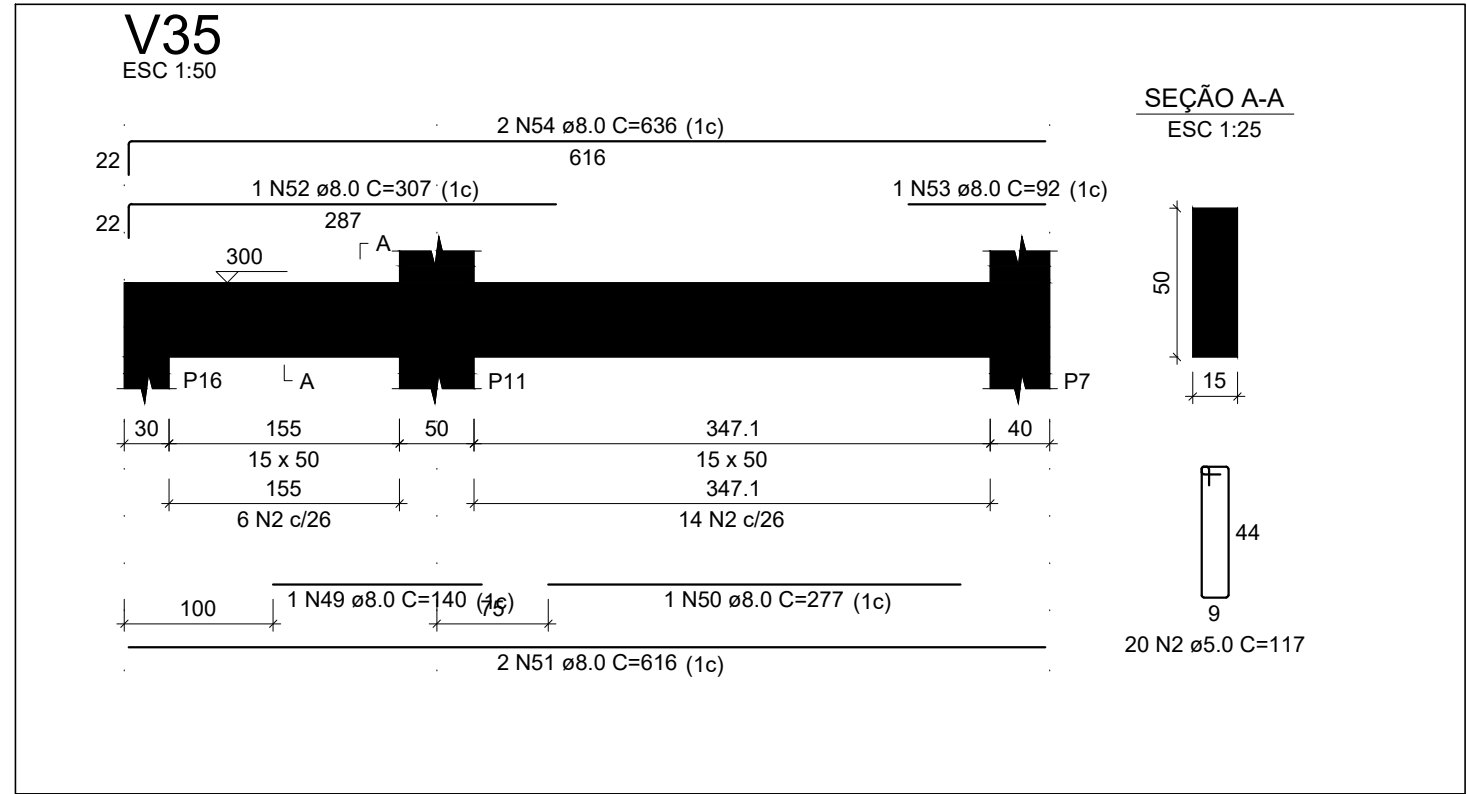
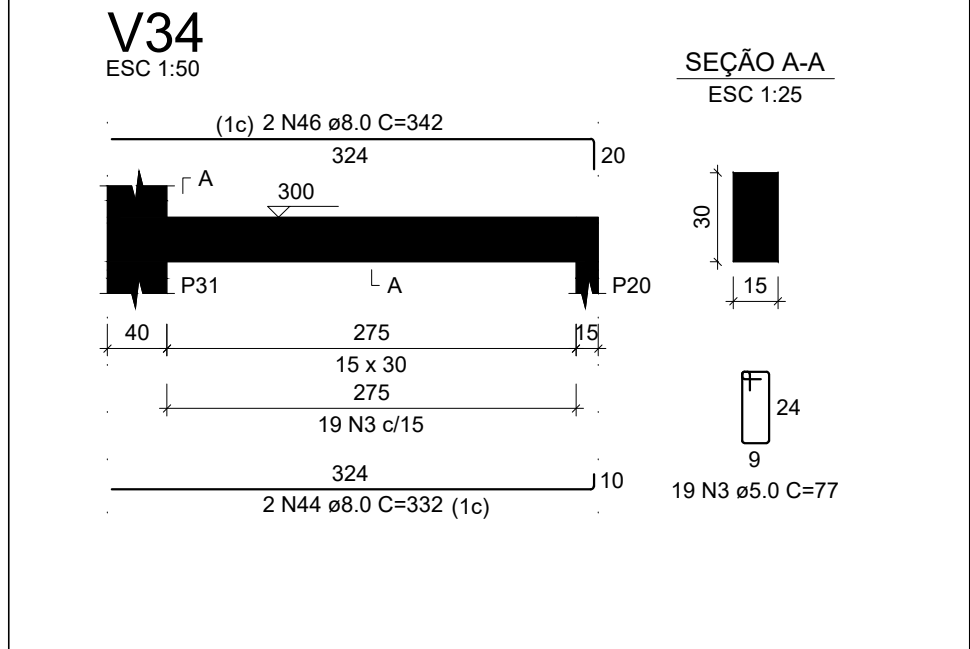
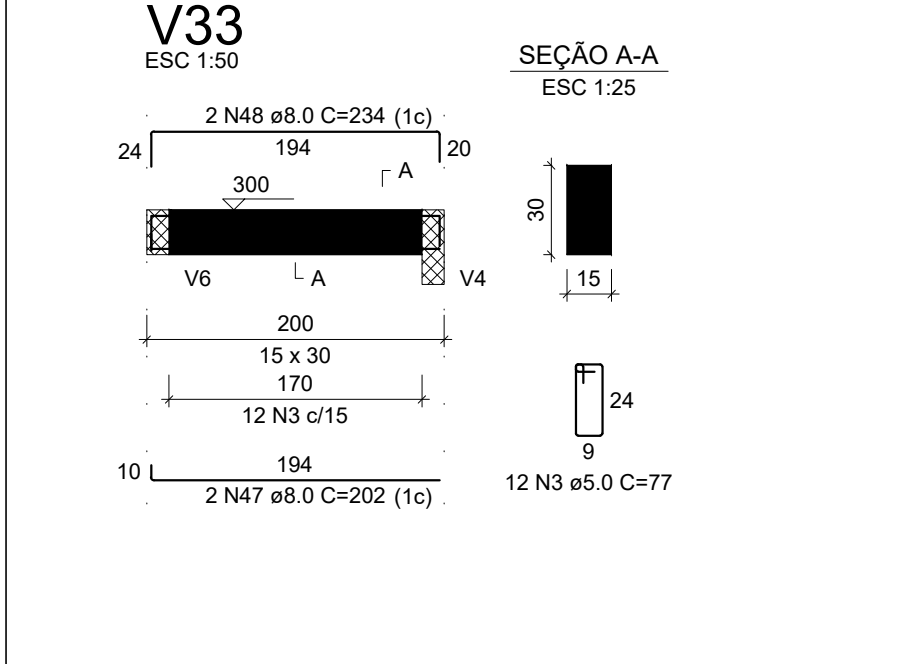
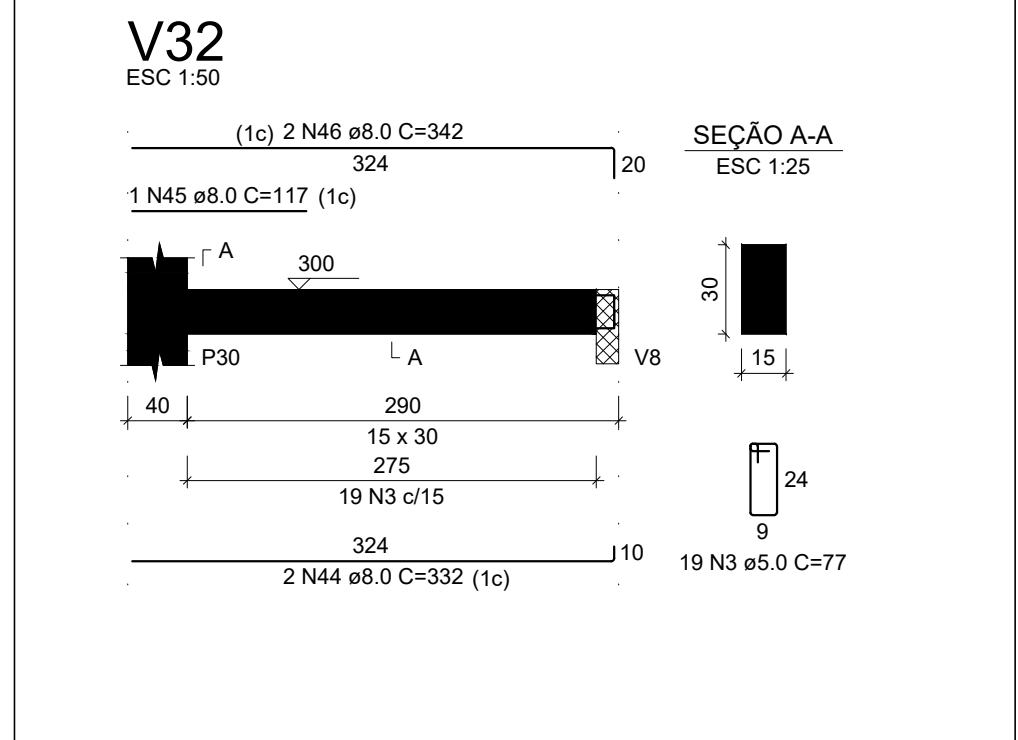
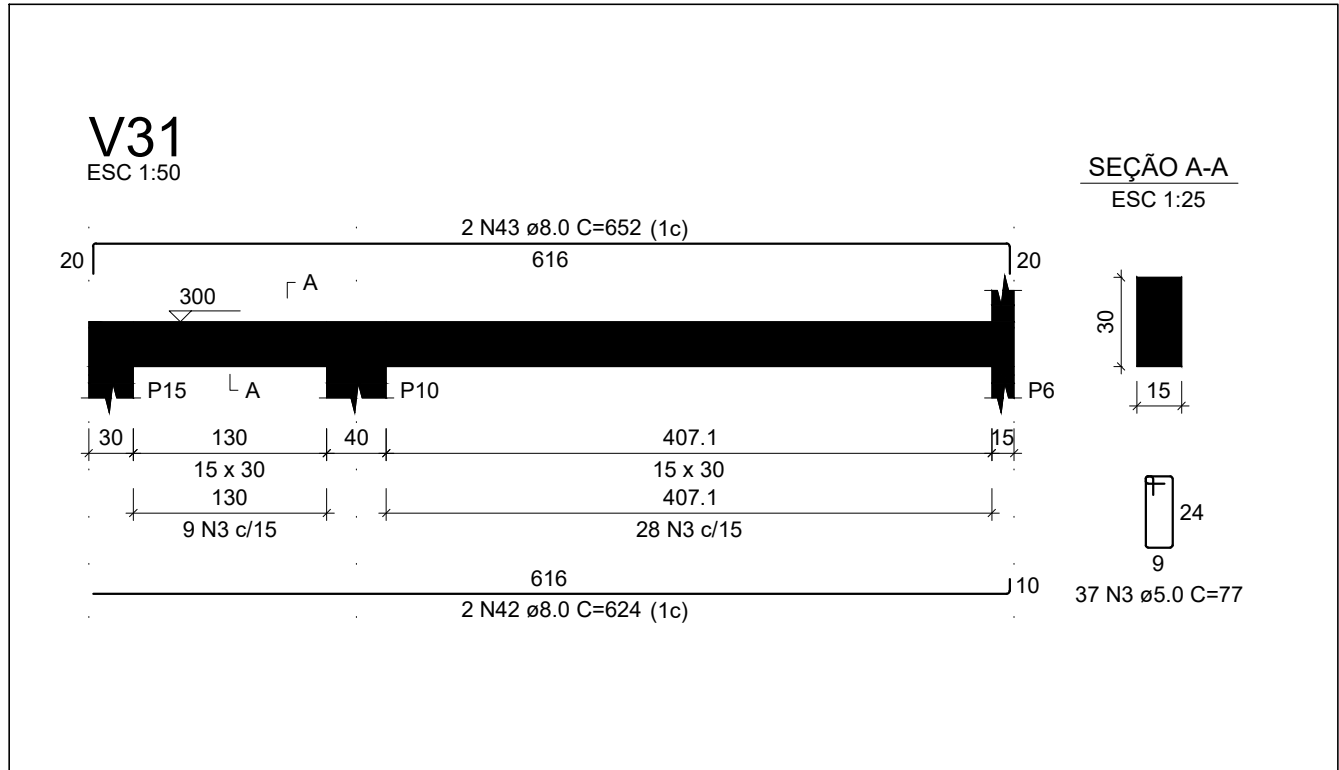
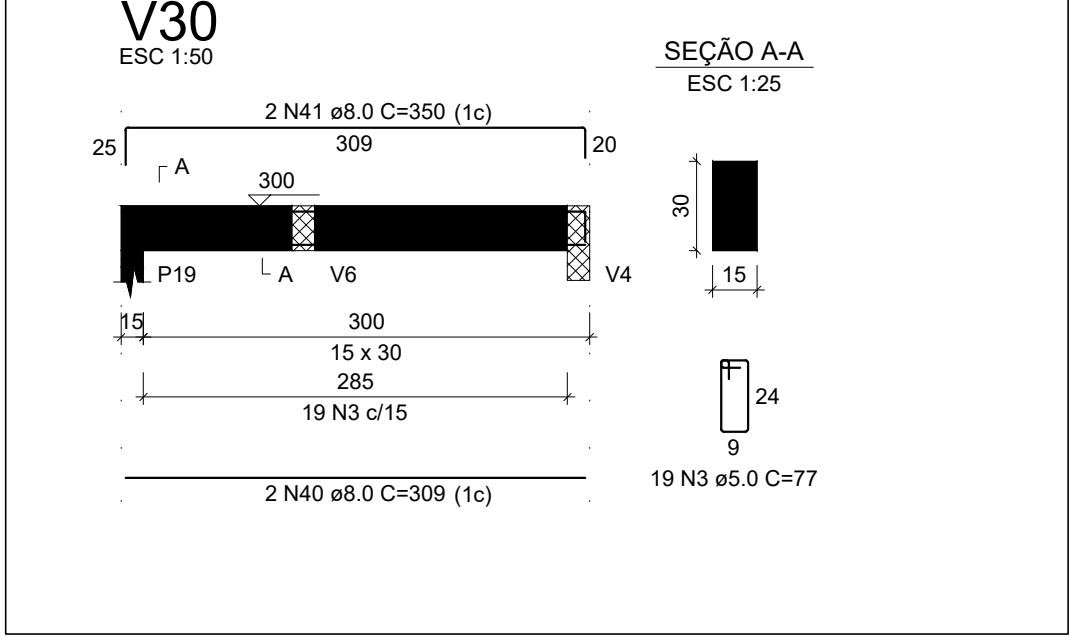
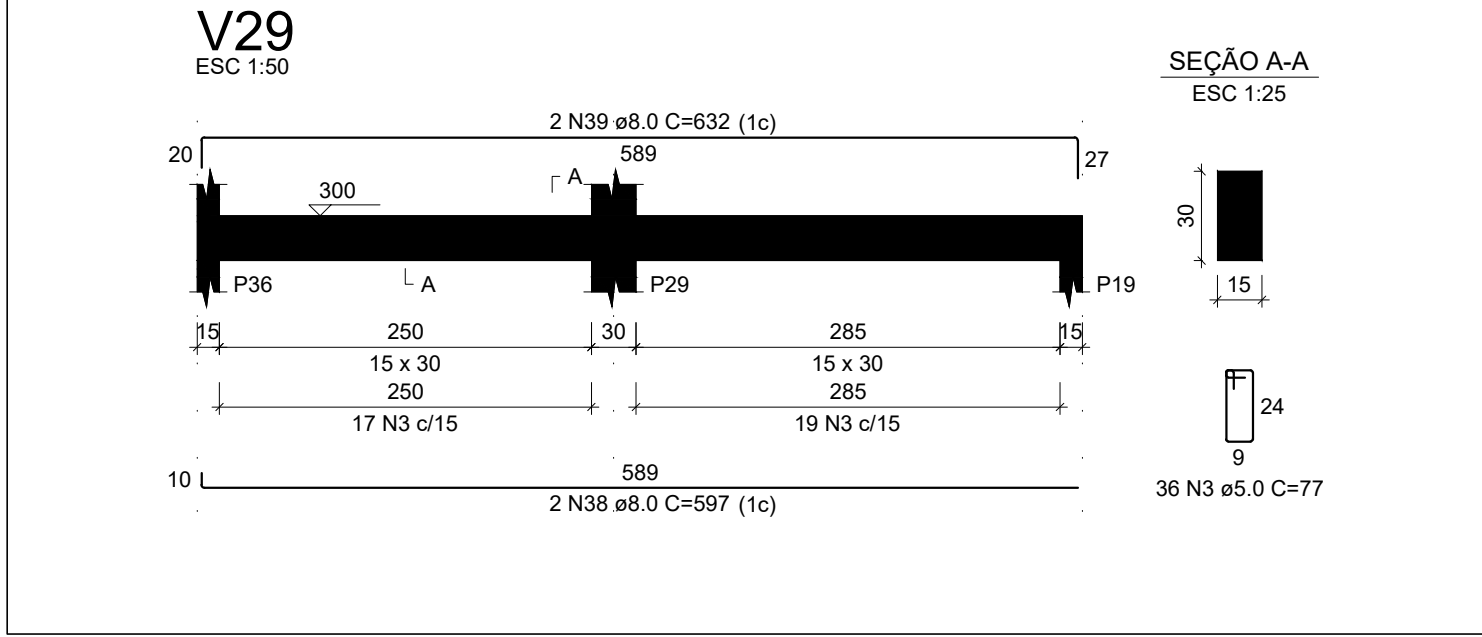
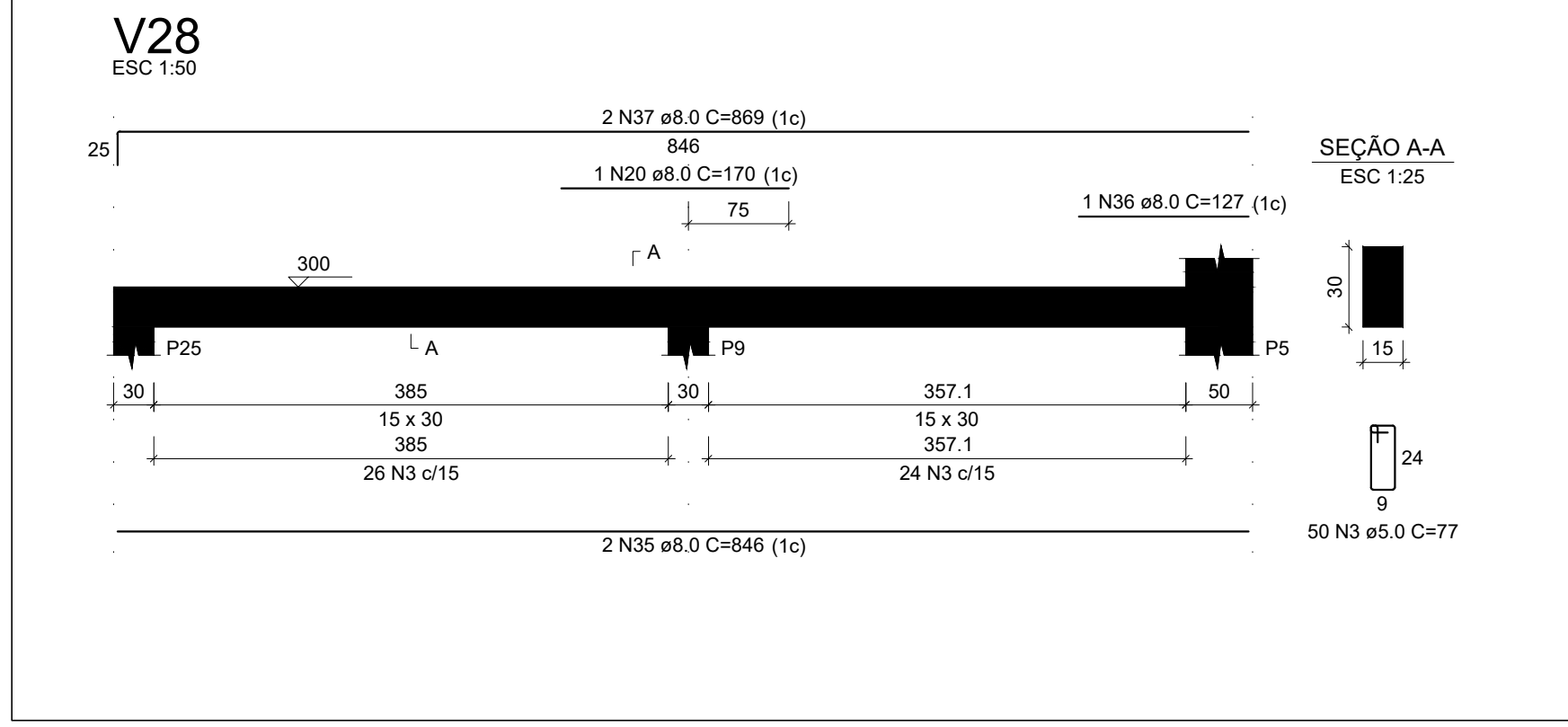
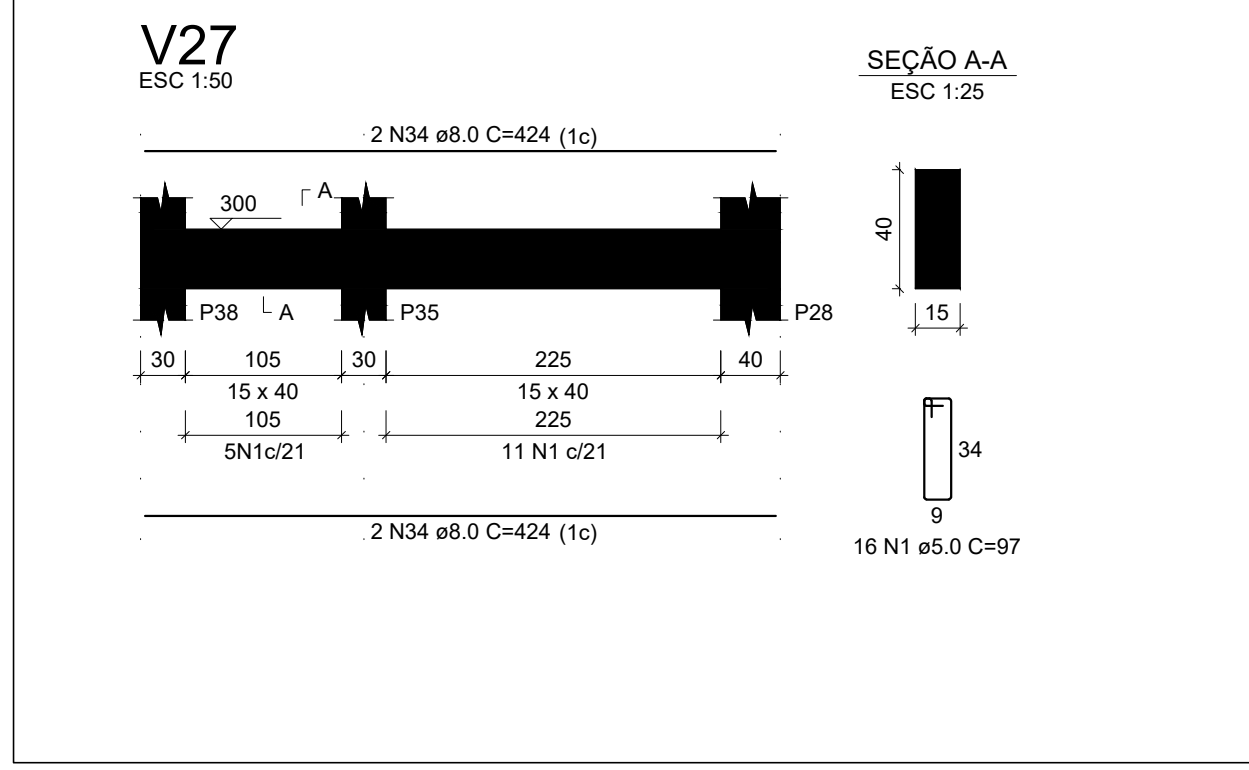
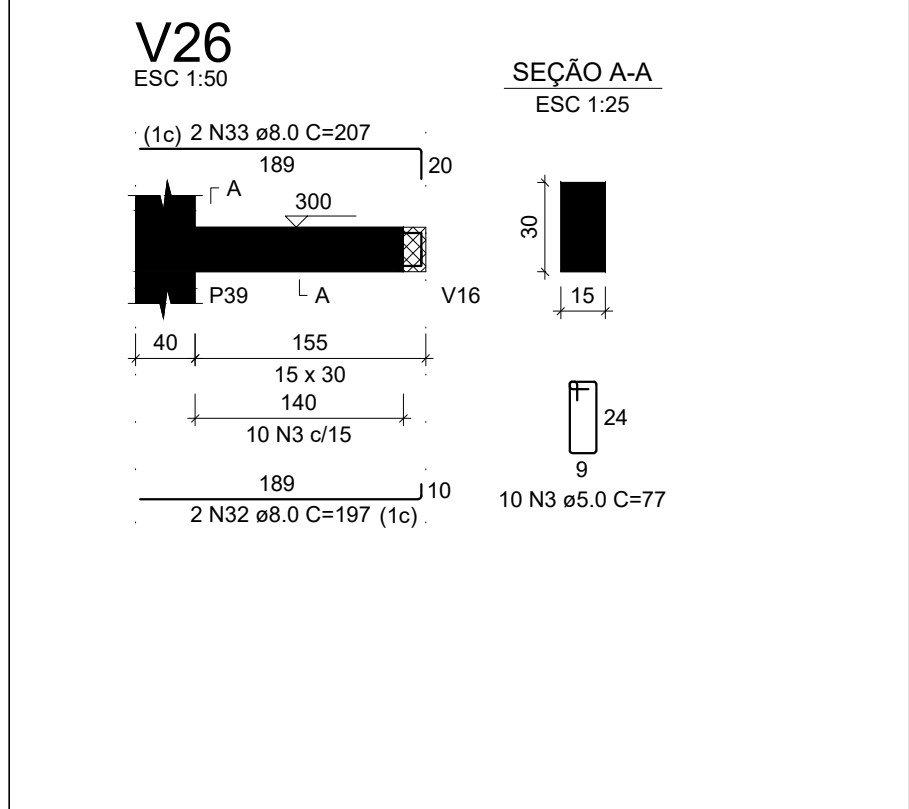
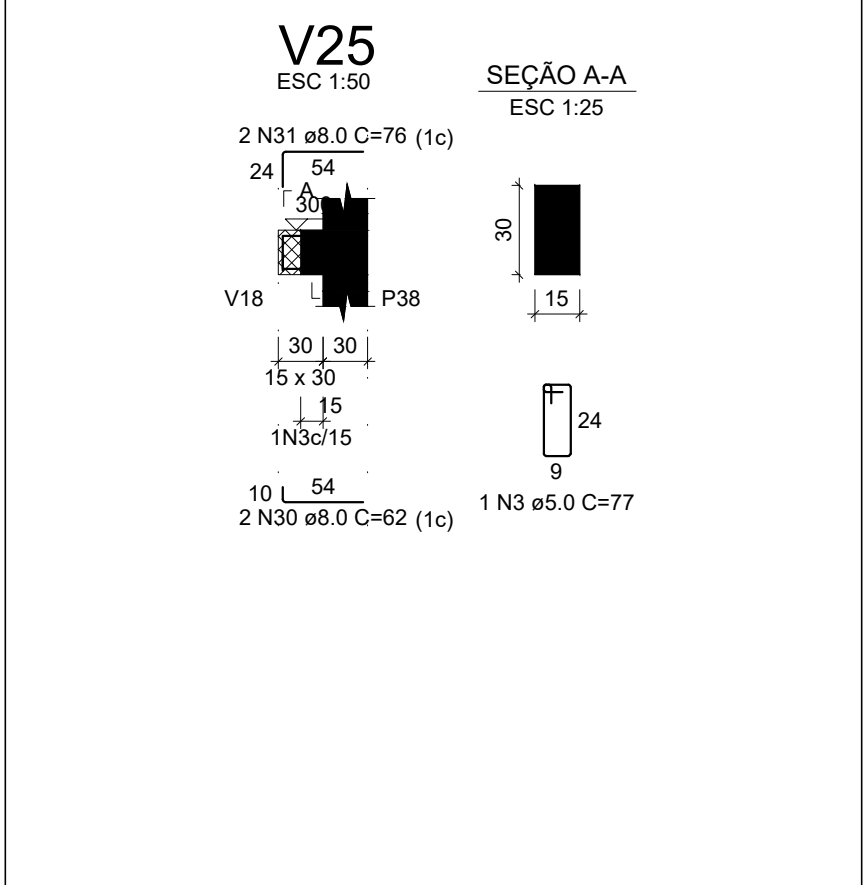
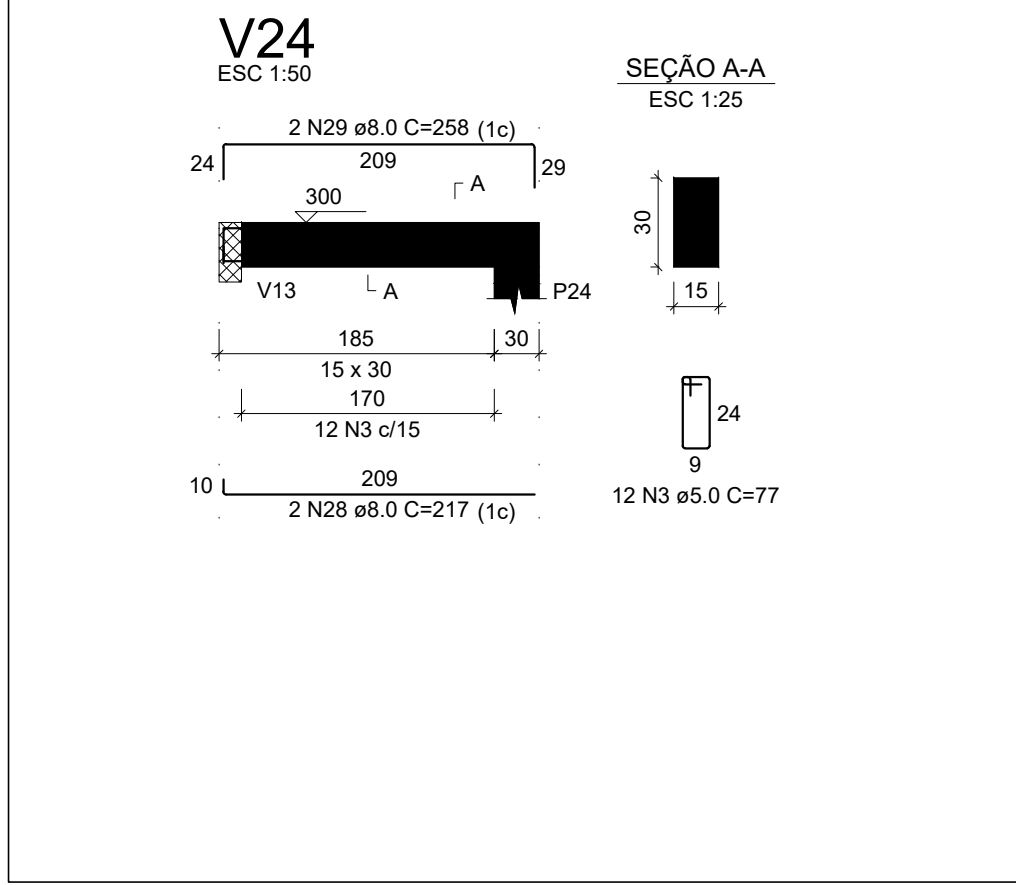
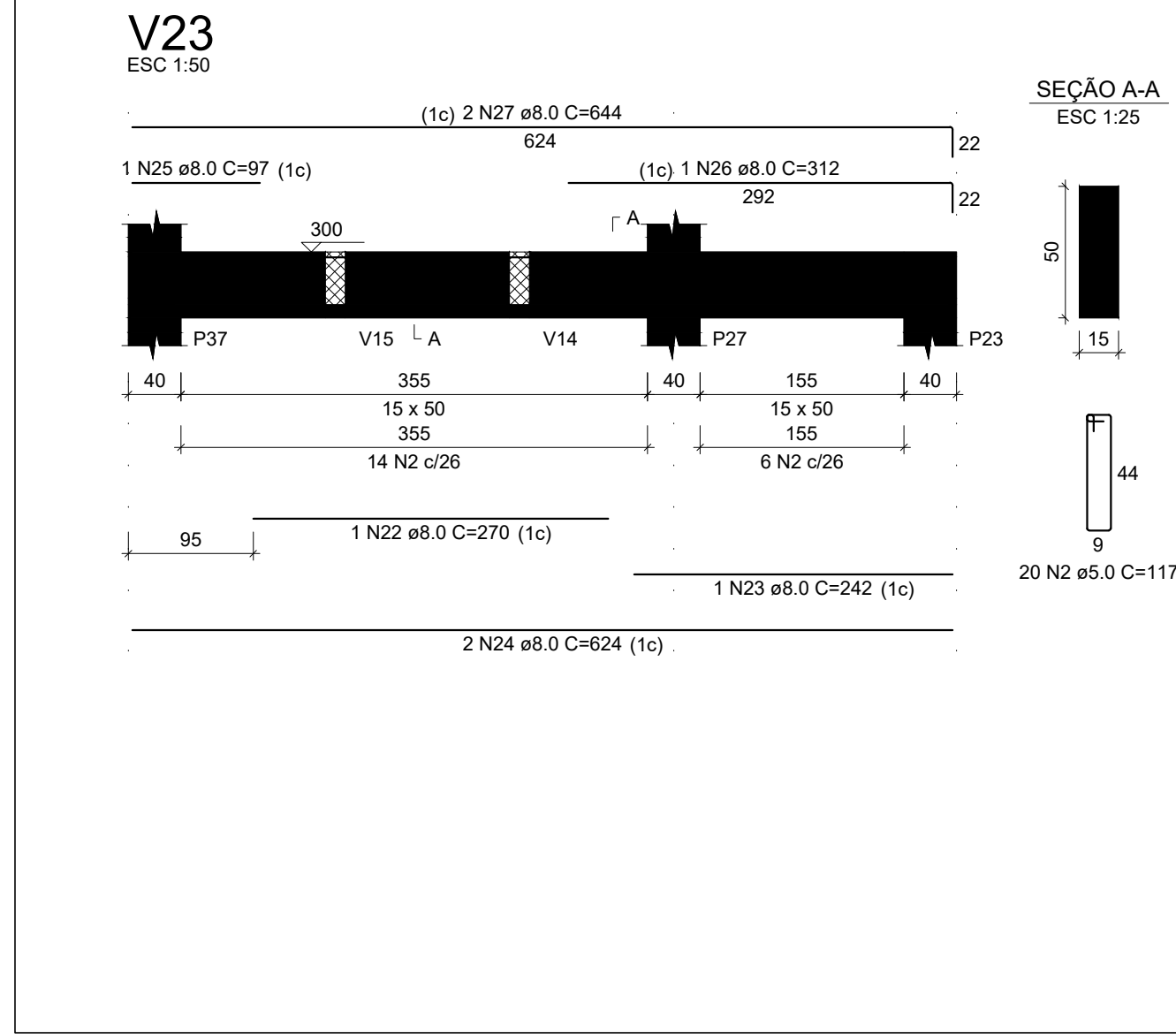
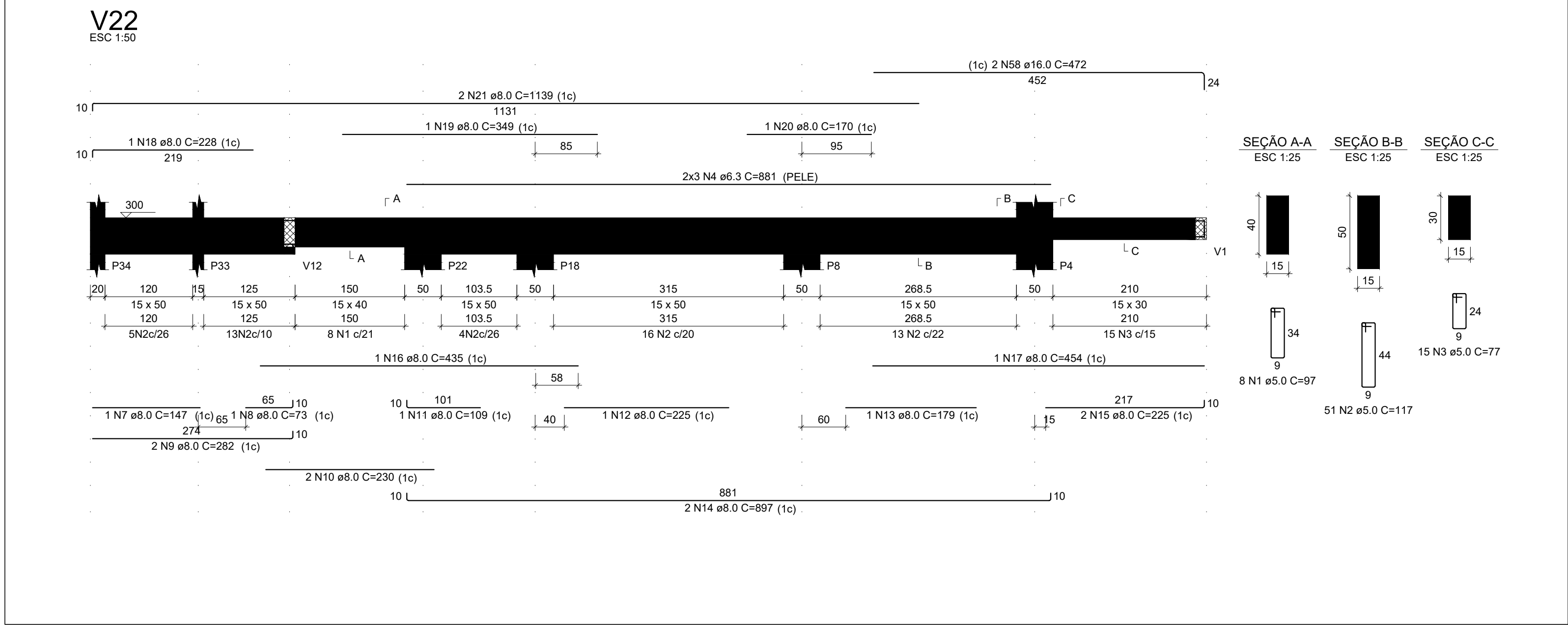
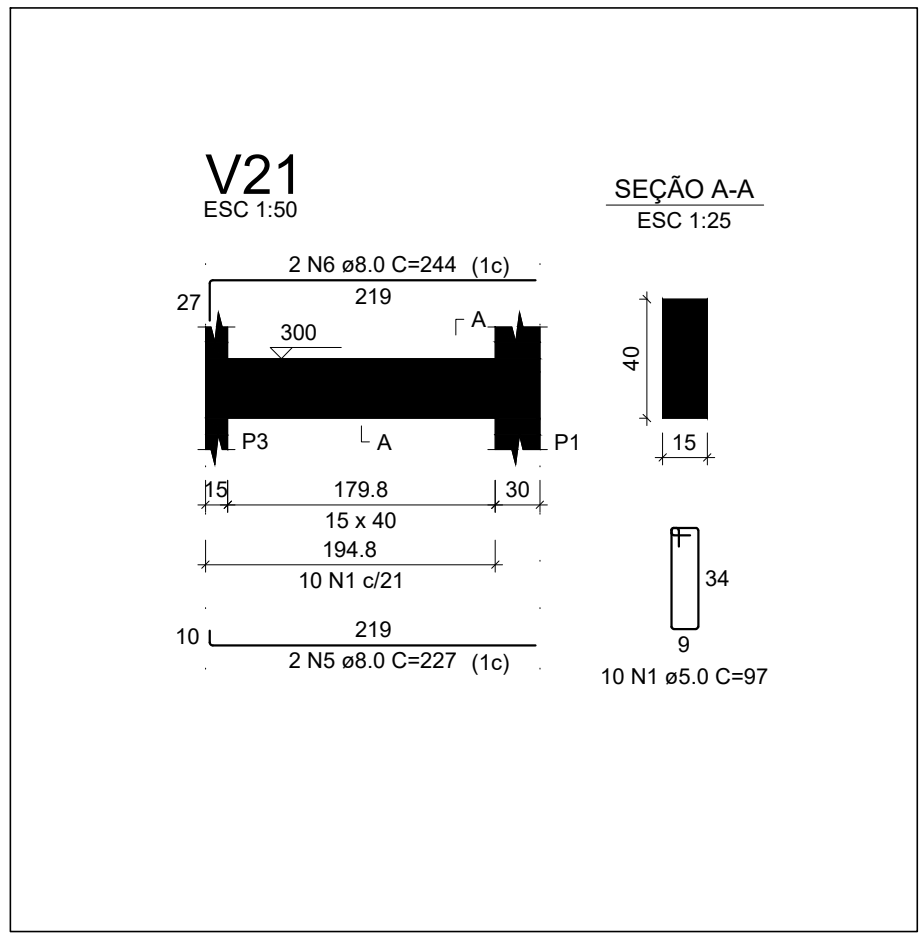


RELACÃO DO AÇO								
3xP1	P2	P3						
P4	P5	P6						
3xP11	P12	P13						
3xP11	P13	P14						
3xP15	P16	P17						
3xP15	P17	P18						
RESUMO DO AÇO								
ACO	N	DIAM	Q	C UNIT	CO			
CA00	1	5,0	196	77	15092			
	2	5,0	78	54	4704			
	3	5,0	378	54	9072			
	4	5,0	186	54	11804			
	5	5,0	378	54	11804			
CA00	6	8,0	64	54	11804			
	7	5,0	546	24	13104			
	8	5,0	222	117	25674			
	9	10,0	80	338	26908			
	10	10,0	80	338	26908			
	11	10,0	64	297	19008			
	12	12,5	58	347	19648			
	13	12,5	58	347	17228			
RESUMO DO AÇO								
ACO	DIAM	Q	CO	PESO + 10%				
CA00	10,0	498,8		232,2				
CA00	12,5	234,7		248,7				
CA00	5,0	181,4		192,4				
PESO TOTAL								
ACO	580,9	8						
ACO	166,4	1						

Volume de concreto (C-20) = 5,31 m³
 Área de fôrma = 86,00 m²

Projeto: PROJETO ESTRUTURAL		Data: 15/03/2023
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des.no.: 09	Planta: PILARES PAVIMENTO 1 H= 3,00MT	
Autor: NADIELLY MARTINS DUARTE XAVIER - CREA: 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	10	Planta:	VIGAS PAVIMENTO 1 H= 3 MT
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

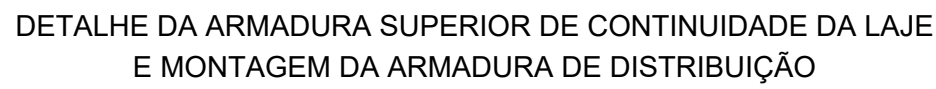


RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CASO	1	3.0	24	97	3266
	2	5.0	112	117	13104
CASO	3	6.3	220	17	17710
	4	6.3	8	881	5286
	5	8.0	2	244	488
	6	8.0	1	73	73
	7	8.0	1	202	202
	8	8.0	2	230	460
	9	8.0	1	109	109
	10	8.0	2	225	450
	11	8.0	1	179	179
	12	8.0	1	225	225
	13	8.0	2	235	470
	14	8.0	2	897	1794
	15	8.0	2	235	470
	16	8.0	1	435	435
	17	8.0	1	454	454
	18	8.0	1	228	228
	19	8.0	2	1130	2260
	20	8.0	2	170	340
	21	8.0	2	242	484
	22	8.0	1	270	270
	23	8.0	1	242	242
	24	8.0	2	624	1248
	25	8.0	1	87	87
	26	8.0	1	312	312
	27	8.0	2	644	1288
	28	8.0	2	217	434
	29	8.0	2	258	516
	30	8.0	2	62	124
	31	8.0	2	78	156
	32	8.0	2	197	394
	33	8.0	2	207	414
	34	8.0	4	424	1696
	35	8.0	2	646	1292
	36	8.0	1	127	127
	37	8.0	2	869	1738
	38	8.0	2	597	1194
	39	8.0	2	632	1264
	40	8.0	2	309	618
	41	8.0	2	350	700
	42	8.0	2	624	1248
	43	8.0	1	652	652
	44	8.0	7	332	2324
	45	8.0	1	117	117
	46	8.0	4	342	1368
	47	8.0	2	202	404
	48	8.0	2	234	468
	49	8.0	1	140	140
	50	8.0	2	277	554
	51	8.0	2	616	1232
	52	8.0	1	92	92
	53	8.0	1	606	1212
	54	8.0	3	317	951
	55	8.0	3	324	972
	56	8.0	3	324	972
	57	8.0	3	324	972
	58	16.0	2	472	944

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (cm)	PESO + 10% (kg)
CASO	6.3	52.9	14.2
CASO	8.0	370.7	160.9
CASO	16.0	9.4	19.4
PESO TOTAL (kg)			184.5
CASO	101.8		
CASO	57.8		

Volume de concreto (C-25) = 3.78 m³
Área de forma = 59.82 m²

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	11	Planta:	VIGAS PAVIMENTO 1 H = 3MT
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

escala 1:50

NOTA: A ARMADURA DE DISTRIBUIÇÃO DAS CONTINUIDADES DEVE SER ININTERRUPTA E COM TRASPASSE (CASO HAJA EMENDAS).

escala 1:50

Scale 1:50



Armação positiva das lajes do pavimento Pavimento 1 (Eixo Y)

escala 1:50

Volume de concreto (C-25) = 3.04 m³
Área de forma = 25.36 m²

Projeto:		PROJETO ESTRUTURAL		Data:		15/03/2023	
Local:							
Nome:		PREFEITURA MUNICIPAL DE PEQUI					
Des.no.:		12		Planta:		LAJE PAVIMENTO 1 H = 3MT	
Autor:						NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D	
						HIDROGINÁSTICA E FISIOTERAPIA	



Forma do pavimento pav telhado (Nível 500)
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	15x30	0	500
V2	15x40	0	500
V3	15x50	0	500
V4	15x50	0	500
V5	15x40	0	500
V6	15x40	0	500
V7	15x40	0	500
V8	15x40	0	500
V9	15x30	0	500
V10	15x40	0	500
V11	15x30	0	500
V12	15x40	0	500
V13	15x40	0	500
V14	15x40	0	500
V15	15x30	0	500
V16	15x50	0	500
V17	15x30	0	500
V18	15x30	0	500
V19	15x40	0	500
V20	15x30	0	500
V21	15x50	0	500
V22	15x50	0	500
V23	15x50	0	500

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	241500

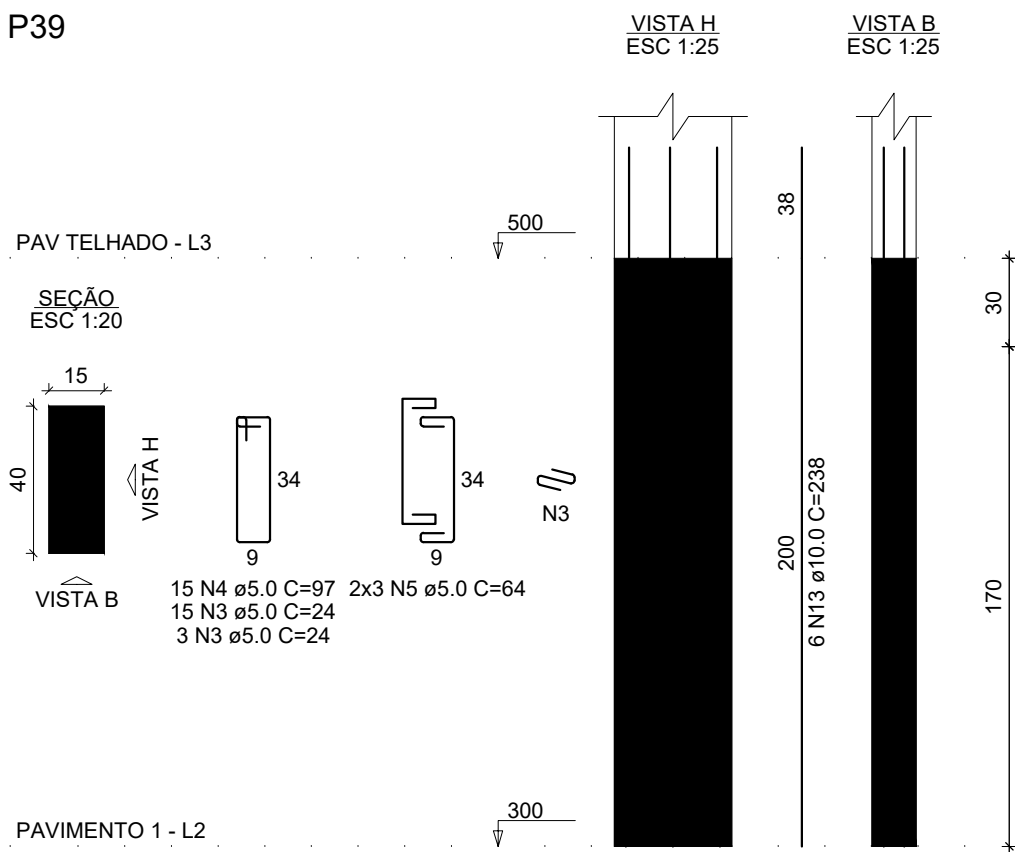
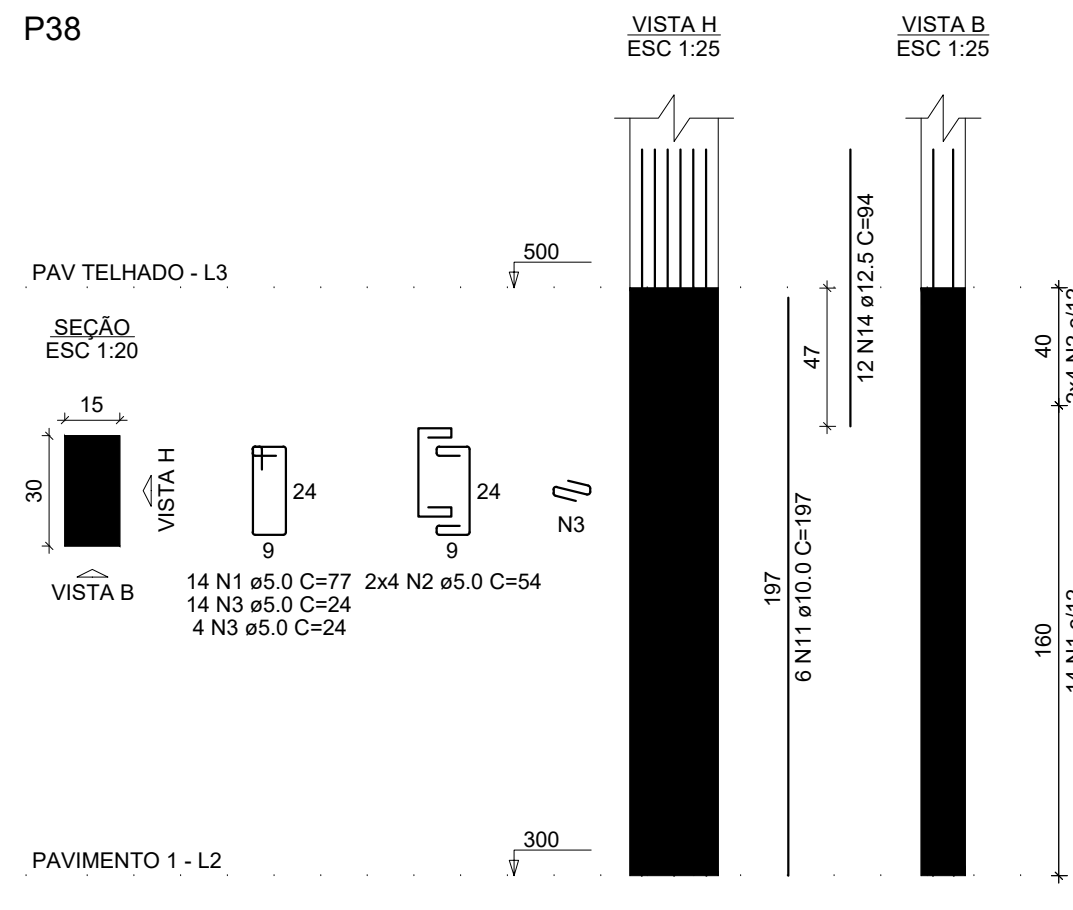
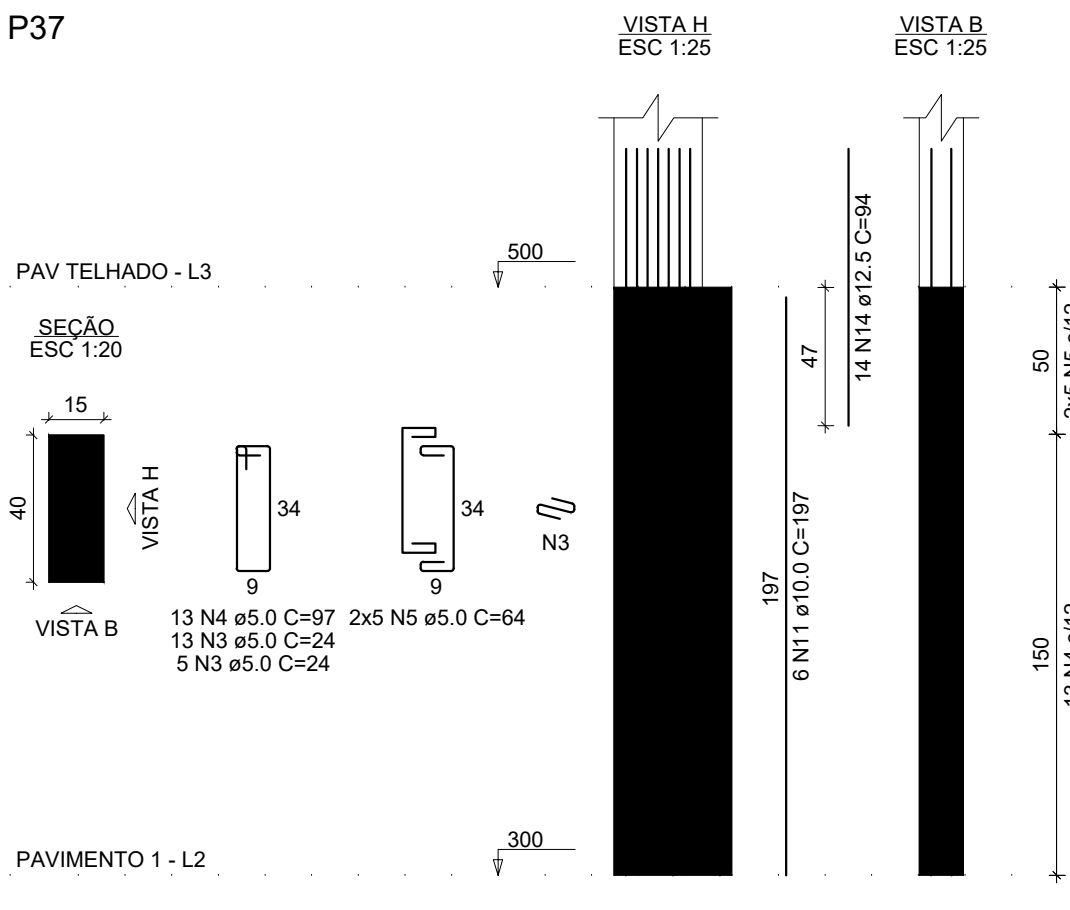
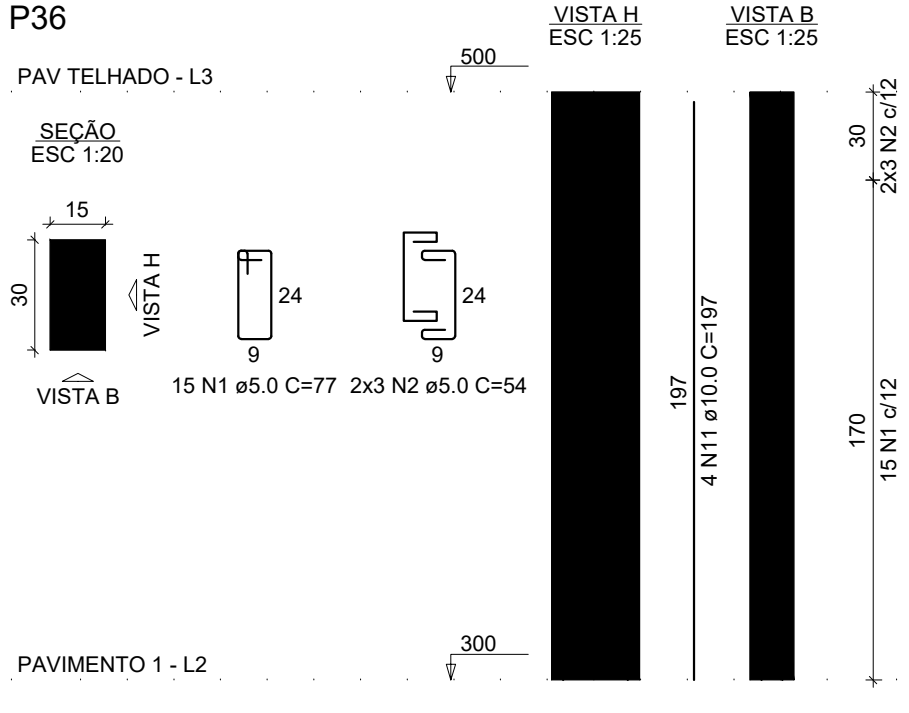
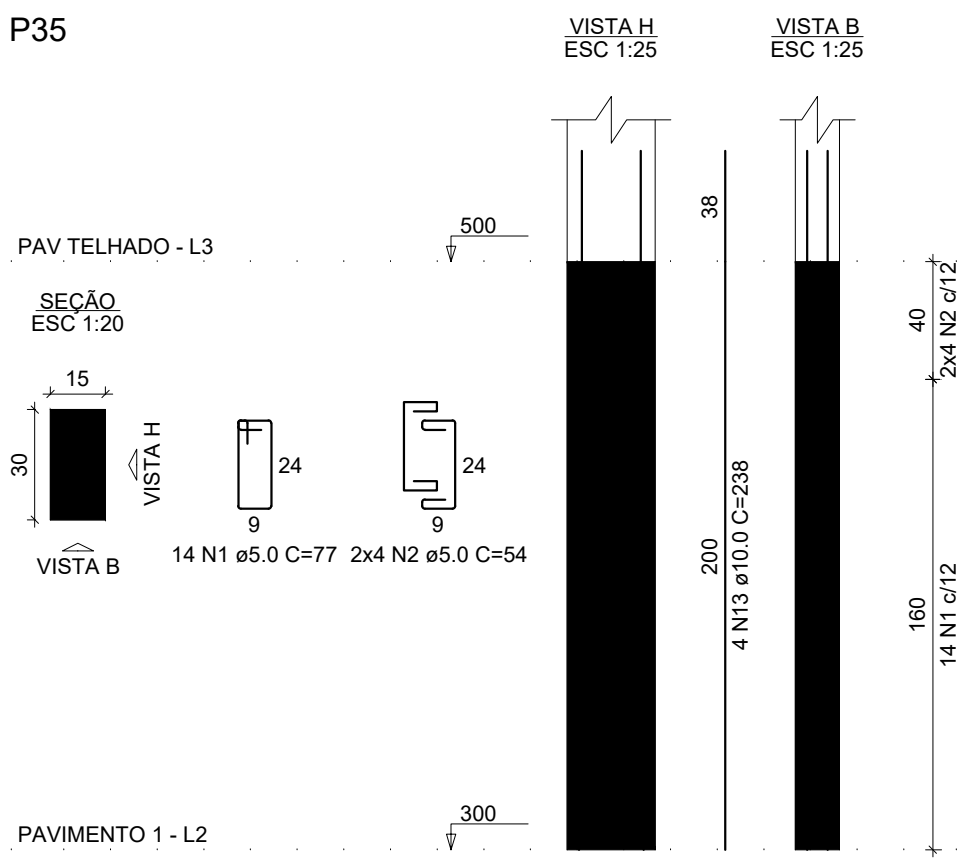
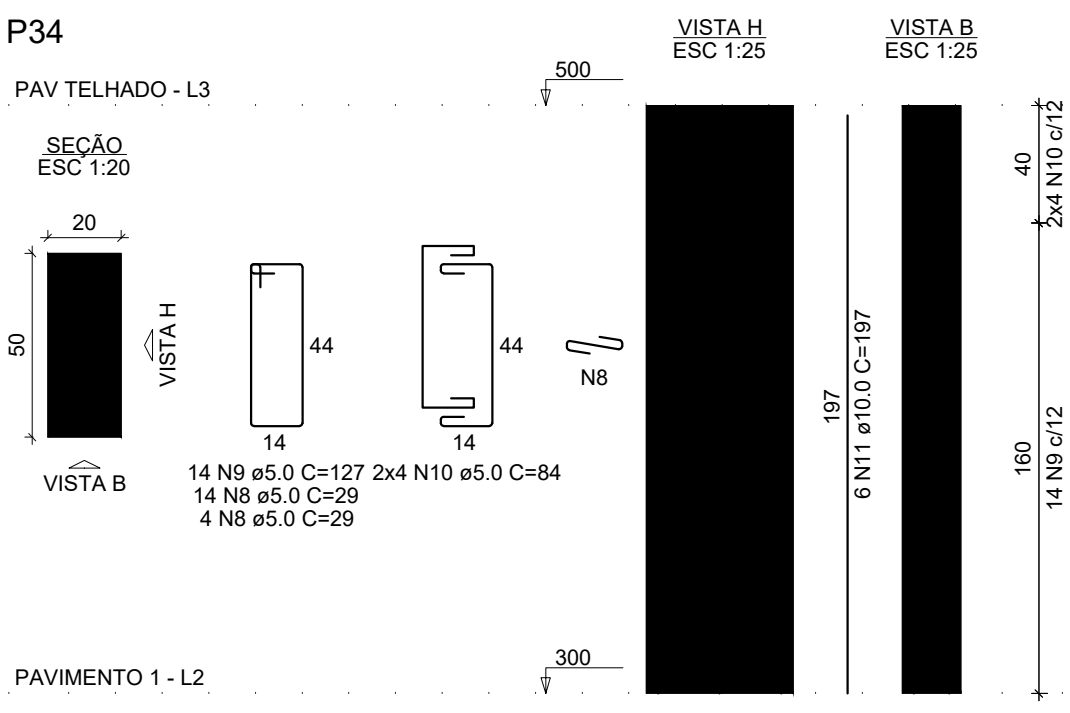
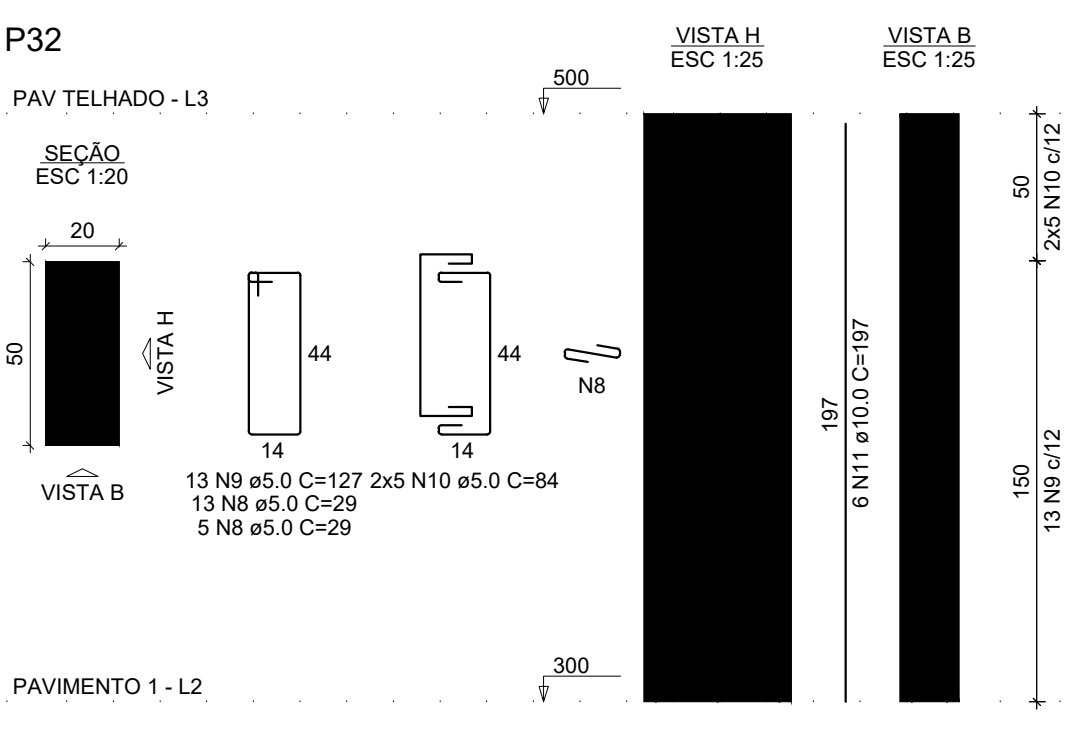
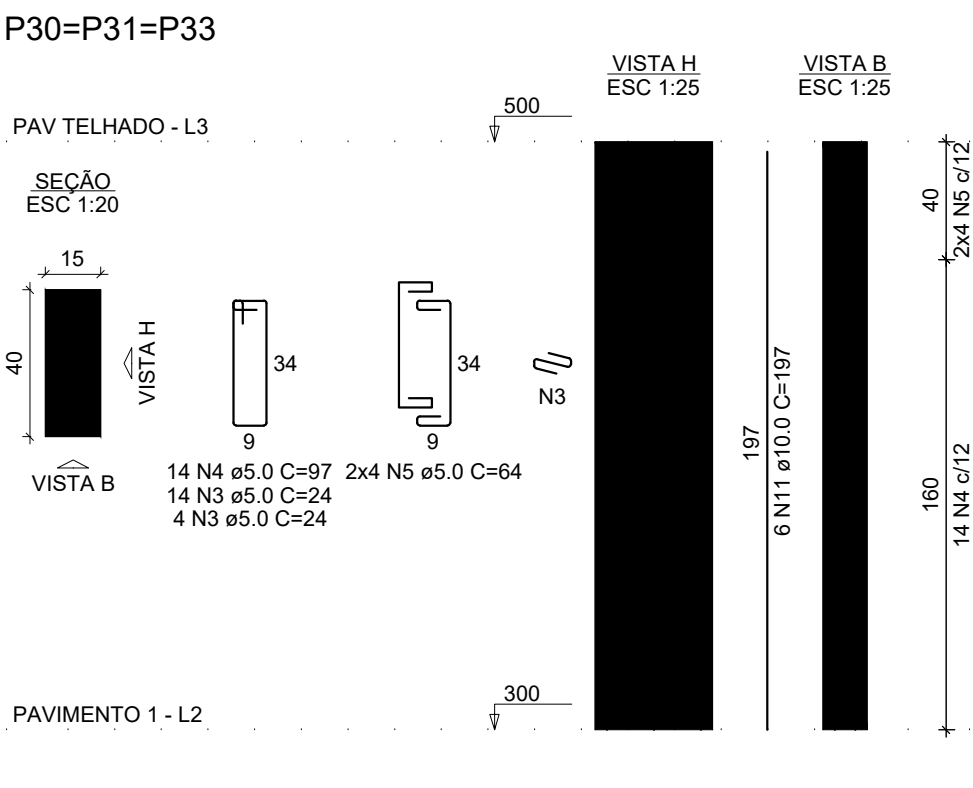
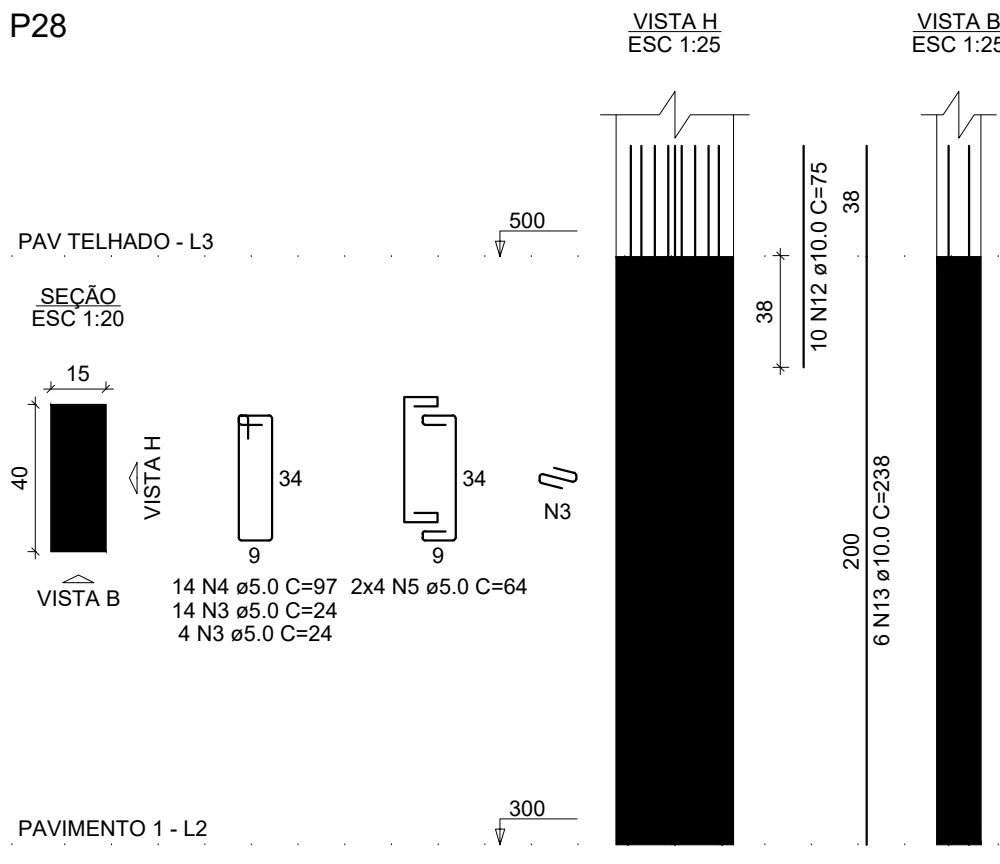
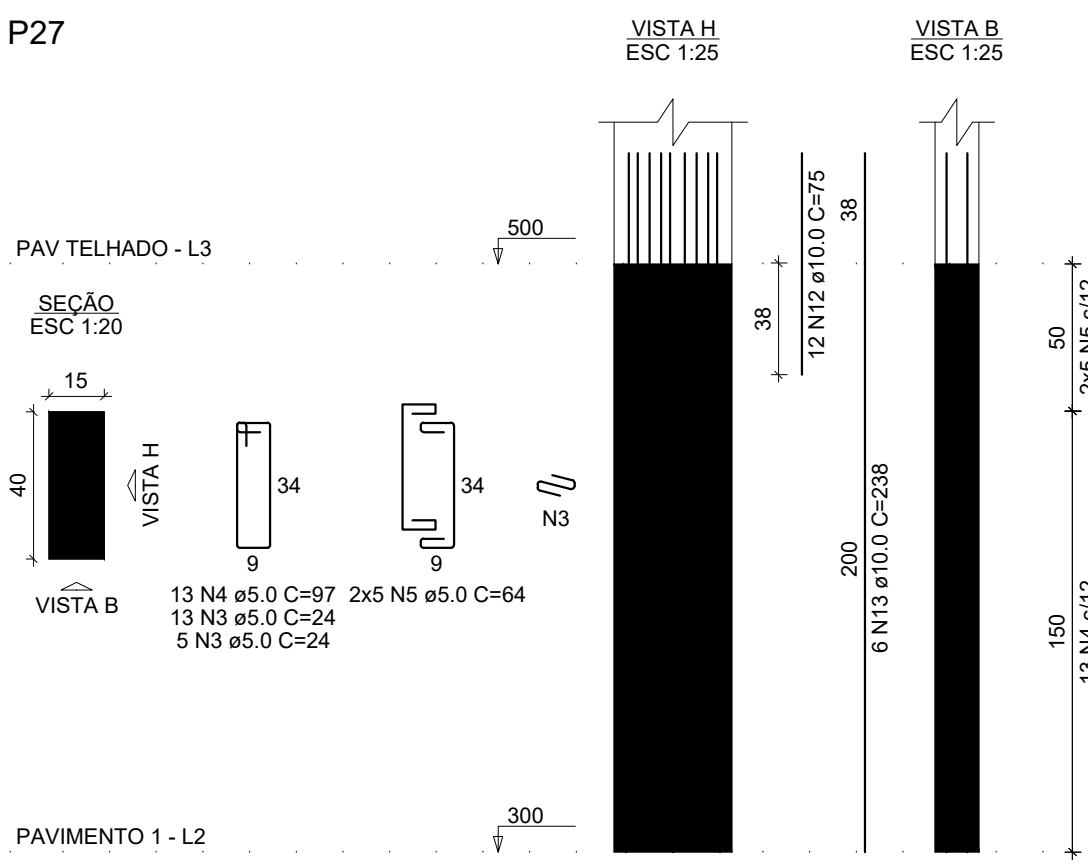
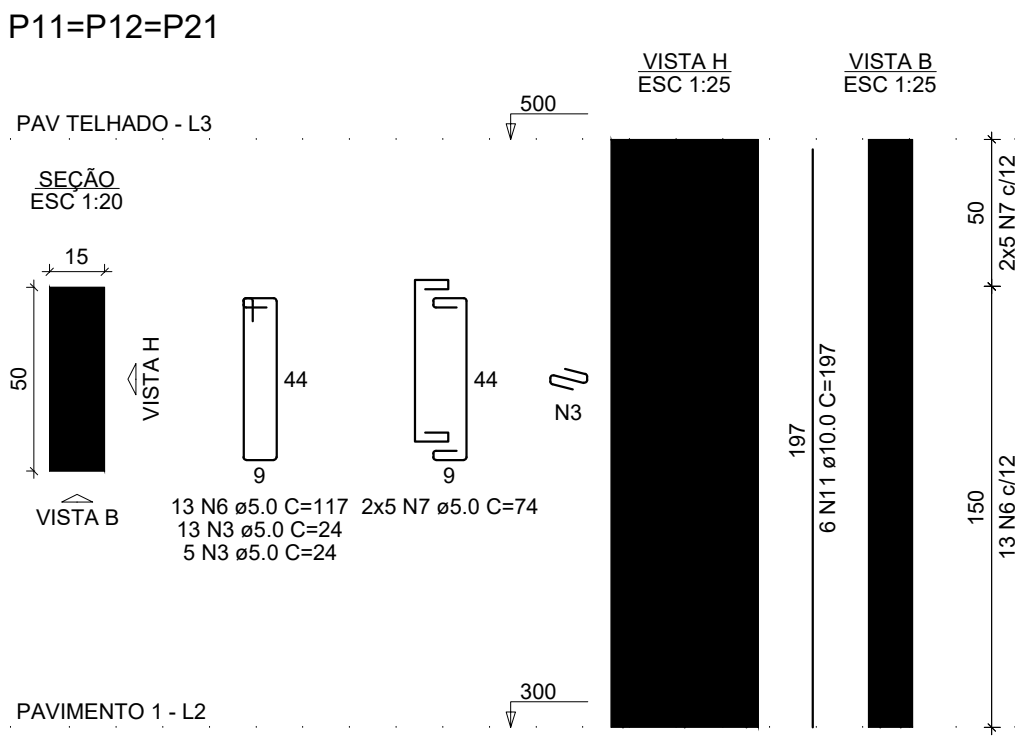
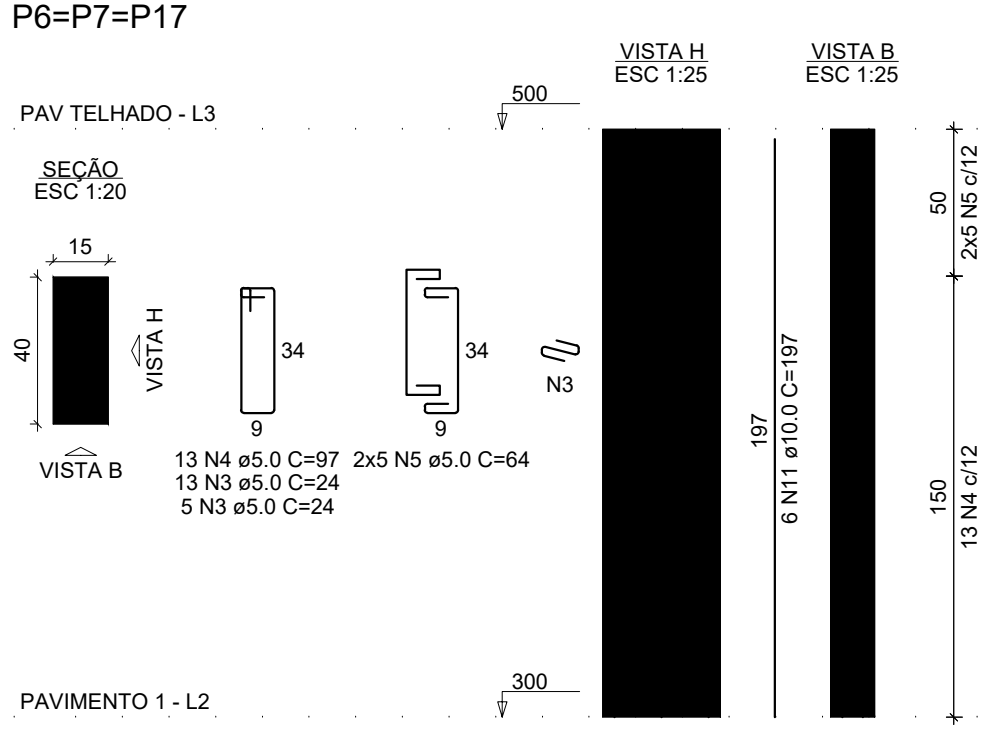
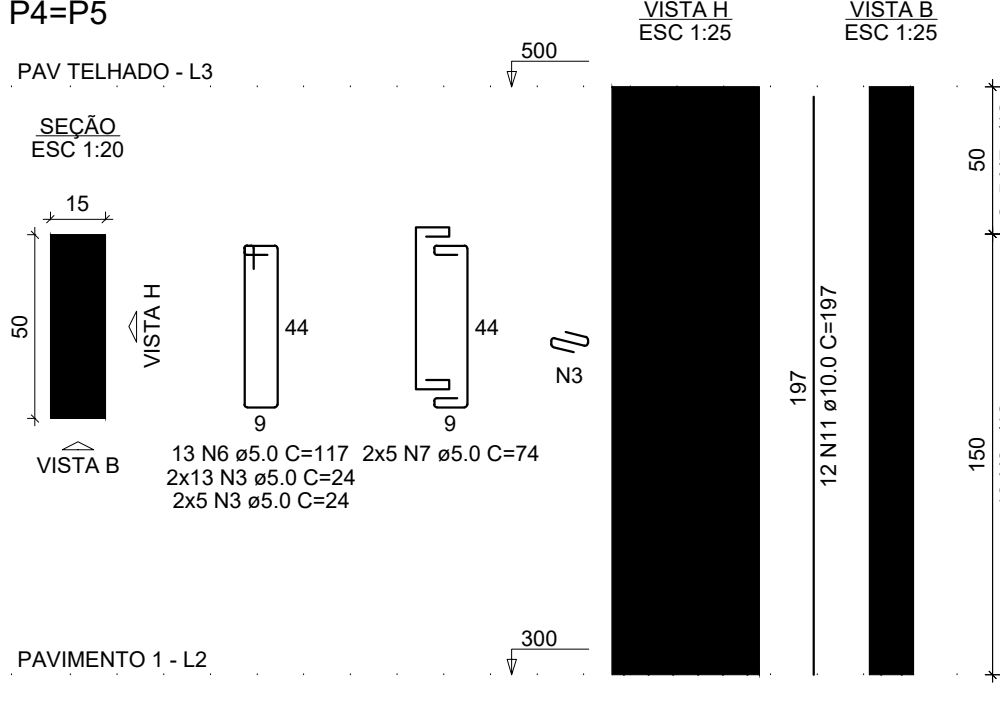
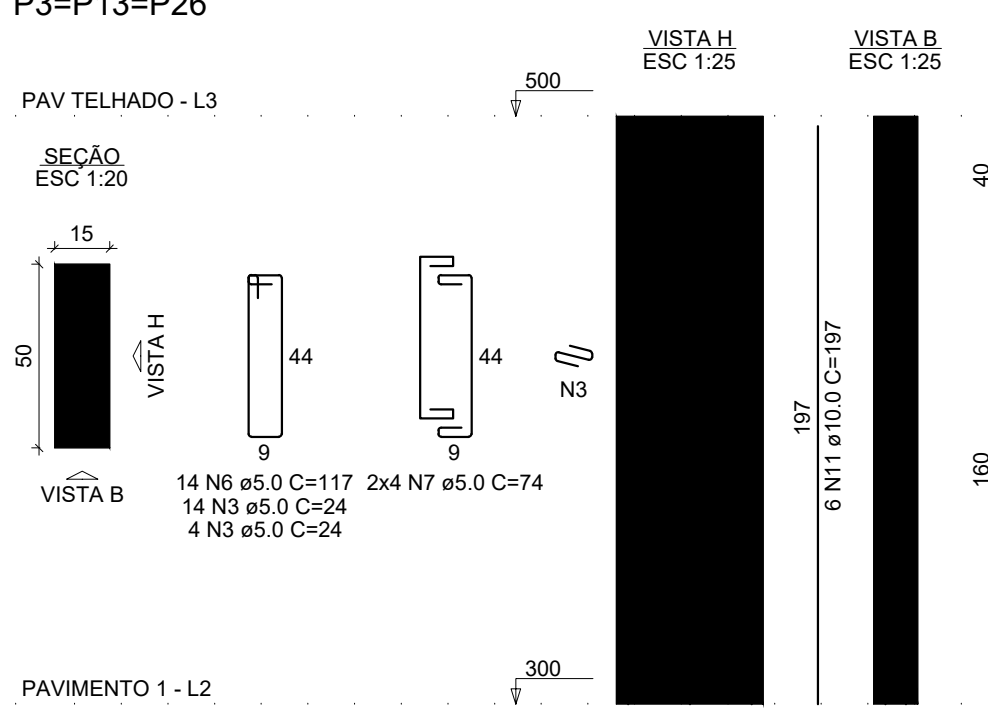
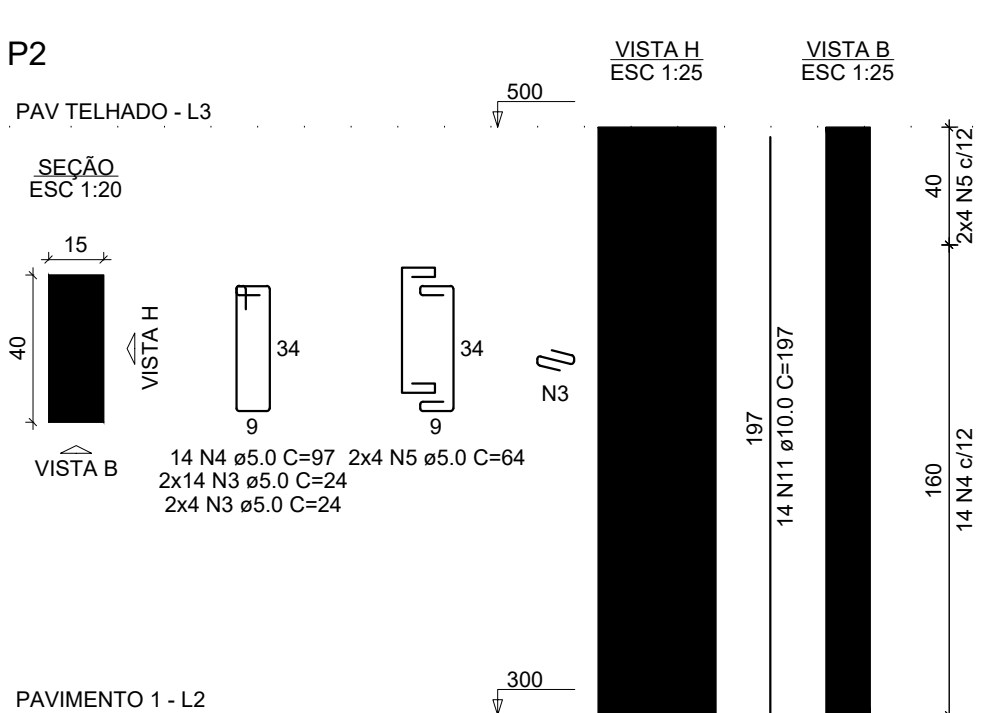
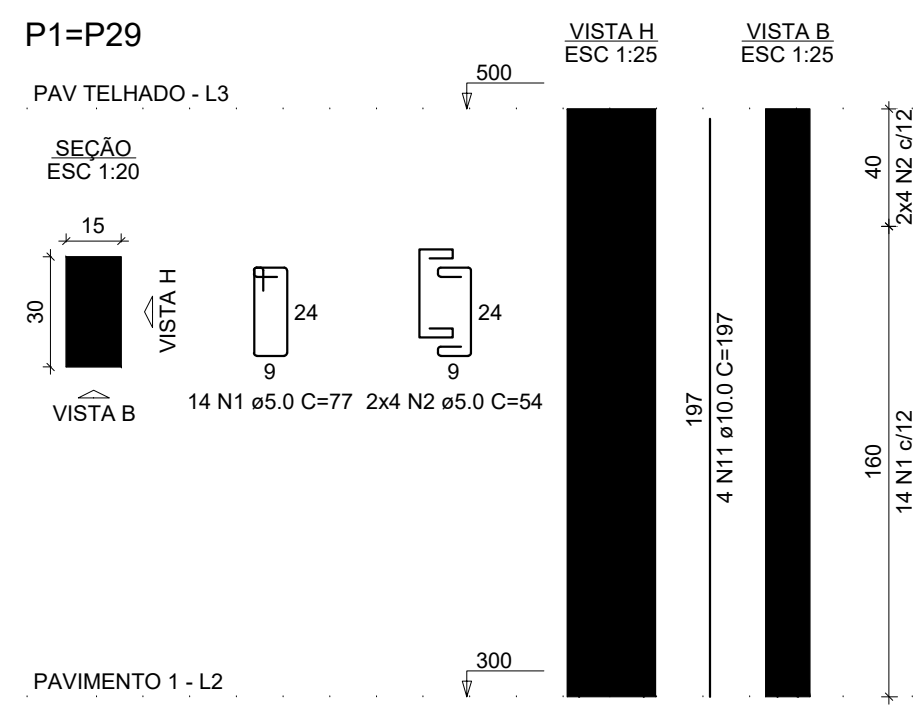
Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15x30	0	500
P2	15x40	0	500
P3	15x50	0	500
P4	15x50	0	500
P5	15x50	0	500
P6	15x40	0	500
P7	15x40	0	500
P11	15x50	0	500
P12	15x50	0	500
P13	15x50	0	500
P17	15x40	0	500
P21	15x50	0	500
P26	15x50	0	500
P27	15x40	0	500
P28	15x40	0	500
P29	15x30	0	500
P30	15x40	0	500
P31	15x40	0	500
P32	20x50	0	500
P33	15x40	0	500
P34	20x50	0	500
P35	15x30	0	500
P36	15x30	0	500
P37	15x40	0	500
P38	15x30	0	500
P39	15x40	0	500

Legenda dos pilares		
	Pilar que morre	
	Pilar que passa	
	Pilar com mudança de seção	

Legenda das vigas e paredes	
	Viga

Projeto: PROJETO ESTRUTURAL		Data: 15/03/2023
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des.no.: 13	Planta: FORMAS PAVIMENTO TELHADO H= 5,00MT	
Autor: NADIELLY MARTINS DUARTE XAVIER - CREA: 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA



RELAÇÃO DO AÇO

2xP1	P2	3xP3
2xP4	3xP6	3xP11
P27	P28	3xP30
P32	P34	P35
P36	P37	P38
P39		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	71	77	5467
	2	5.0	38	64	2052
	3	5.0	414	24	9936
	4	5.0	150	97	14550
	6	5.0	56	64	3614
	7	5.0	107	117	12519
	8	5.0	74	74	5475
	9	5.0	36	29	1044
	10	5.0	27	127	3423
	11	10.0	18	64	1152
CA50	12	10.0	146	197	28702
	13	10.0	22	75	1650
	13	10.0	22	238	5236
	14	12.5	26	94	2444

RESUMO DO AÇO

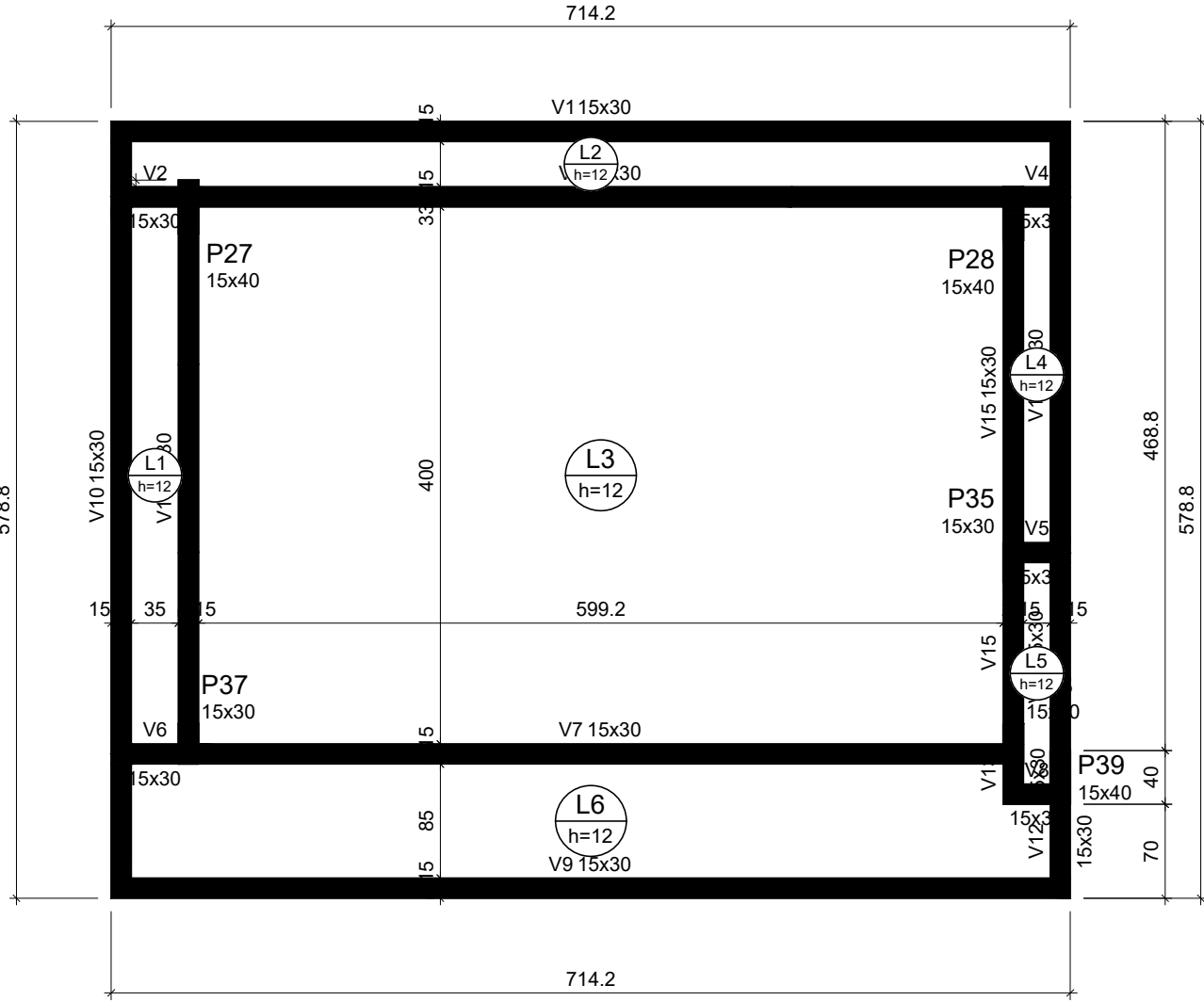
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	366.5	2411.8
CA60	5.0	621.3	105.3
PESO TOTAL (kg)			
CA50		267.7	
CA60		105.3	

Volume de concreto (C-25) = 3.37 m³
Área de forma = 59.80 m²

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	14	Planta:	PILARES PAVIMENTO TELHADO H= 5,00 MT
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

Volume de concreto (C-25) = 5.92 m³
Área de forma = 92.94 m²

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	15	Planta:	VIGAS PAVIMENTO TELHADO H= 5,00MT
Autor:	NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA



Forma do pavimento pav recepção (Nível 590)
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	15x30	0	590
V2	15x30	0	590
V3	15x30	0	590
V4	15x30	0	590
V5	15x30	0	590
V6	15x30	0	590
V7	15x30	0	590
V8	15x30	0	590
V9	15x30	0	590
V10	15x30	0	590
V11	15x30	0	590
V12	15x30	0	590
V13	15x30	0	590
V14	15x30	0	590
V15	15x30	0	590
V16	15x30	0	590

Lajes							
Dados				Sobrecarga (kgf/m²)			
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental
L1	Maciça	12	0	590	300	0	0
L2	Maciça	12	0	590	300	0	0
L3	Maciça	12	0	590	300	0	0
L4	Maciça	12	0	590	300	0	0
L5	Maciça	12	0	590	300	0	0
L6	Maciça	12	0	590	300	0	0

Características dos materiais	
16k	Ecs
250	241500

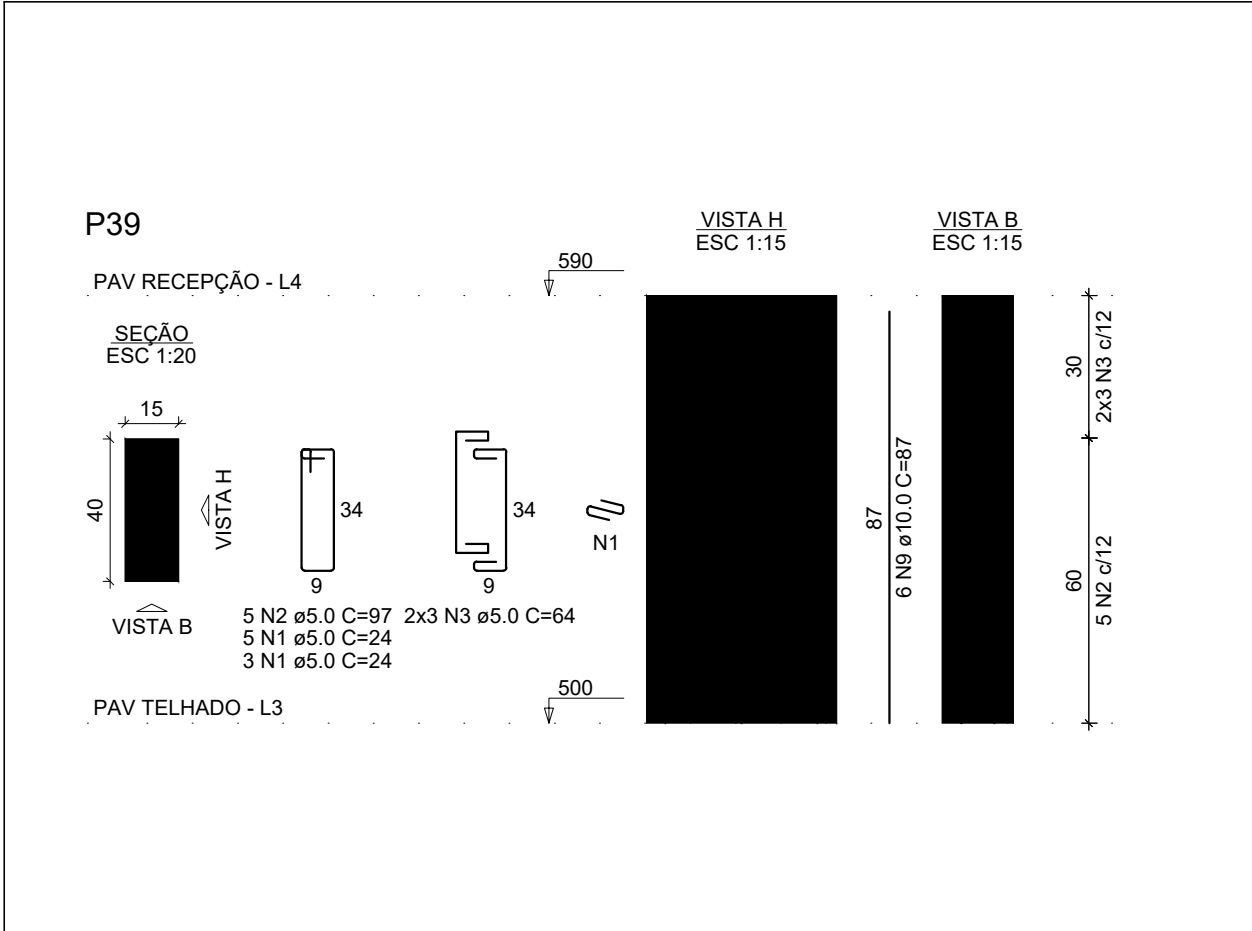
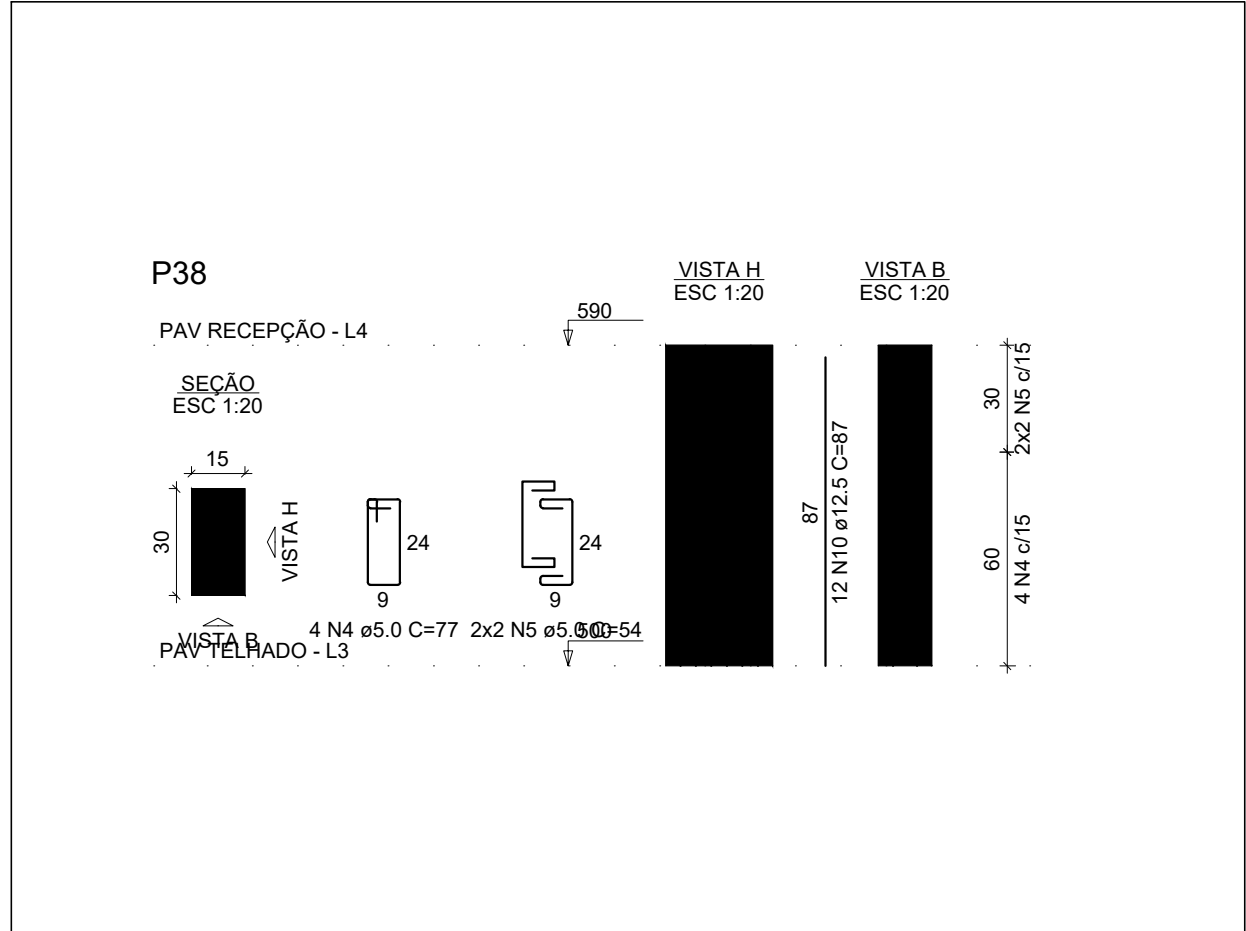
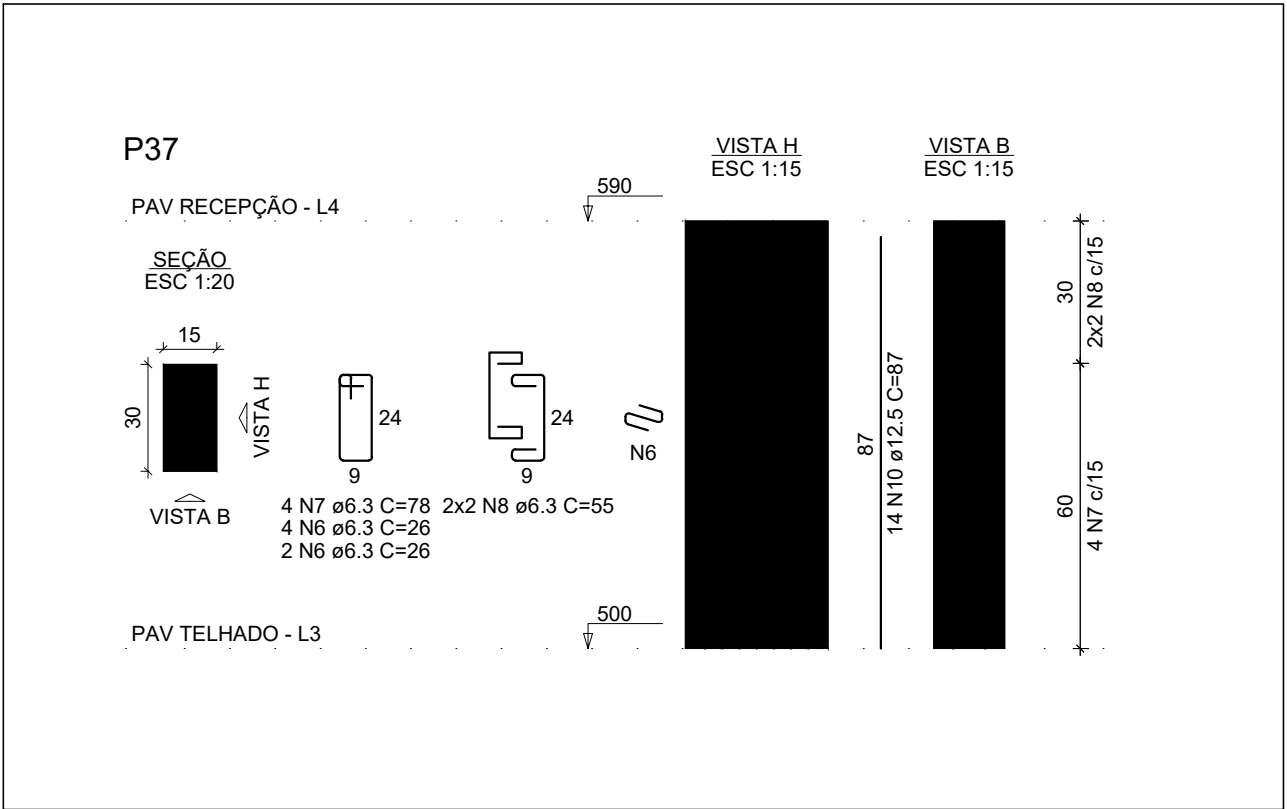
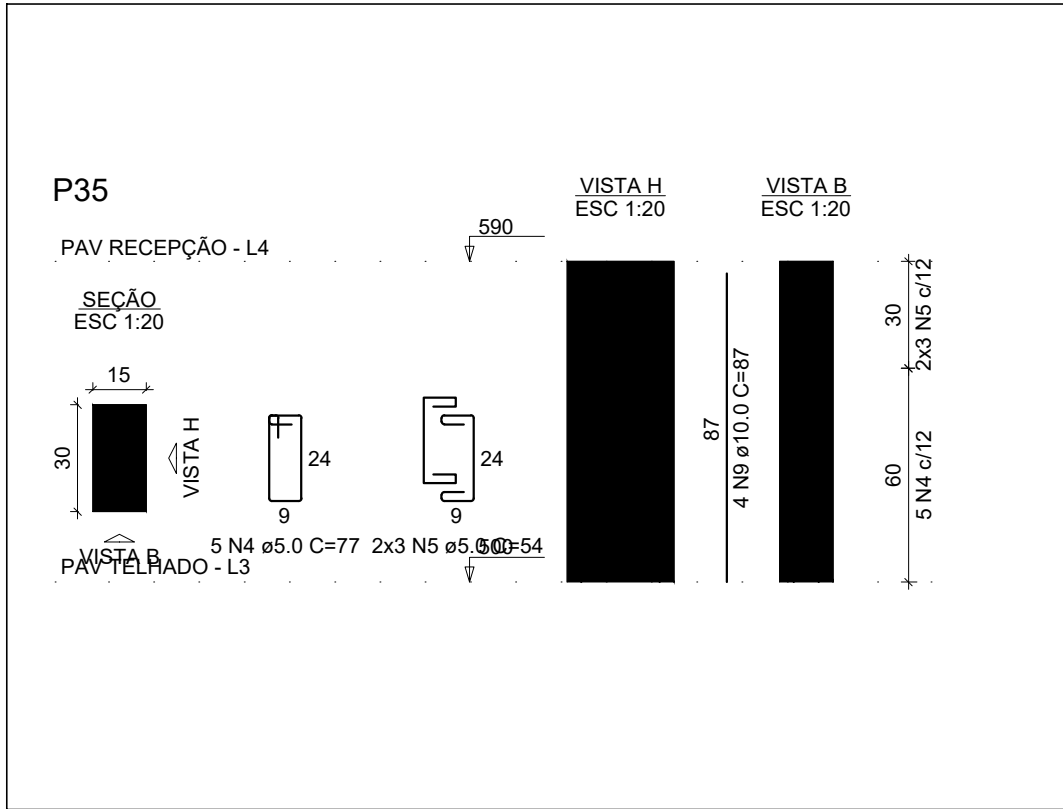
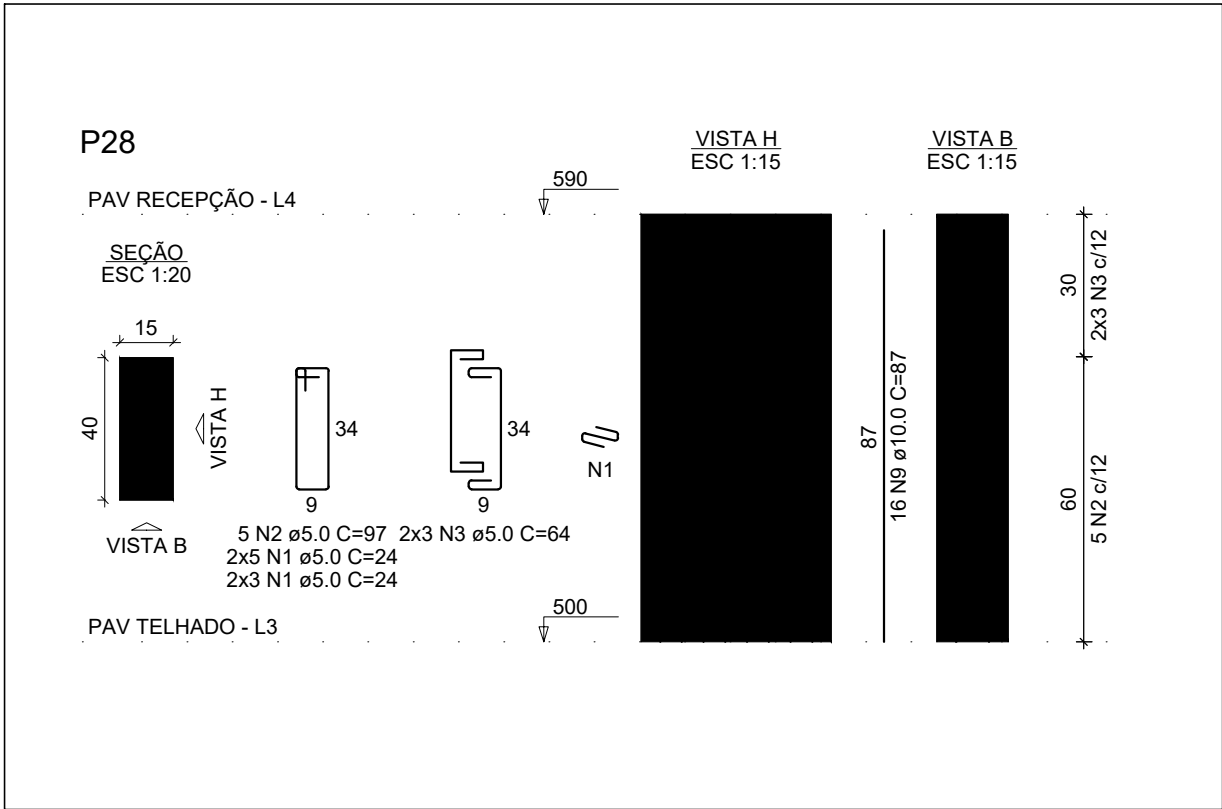
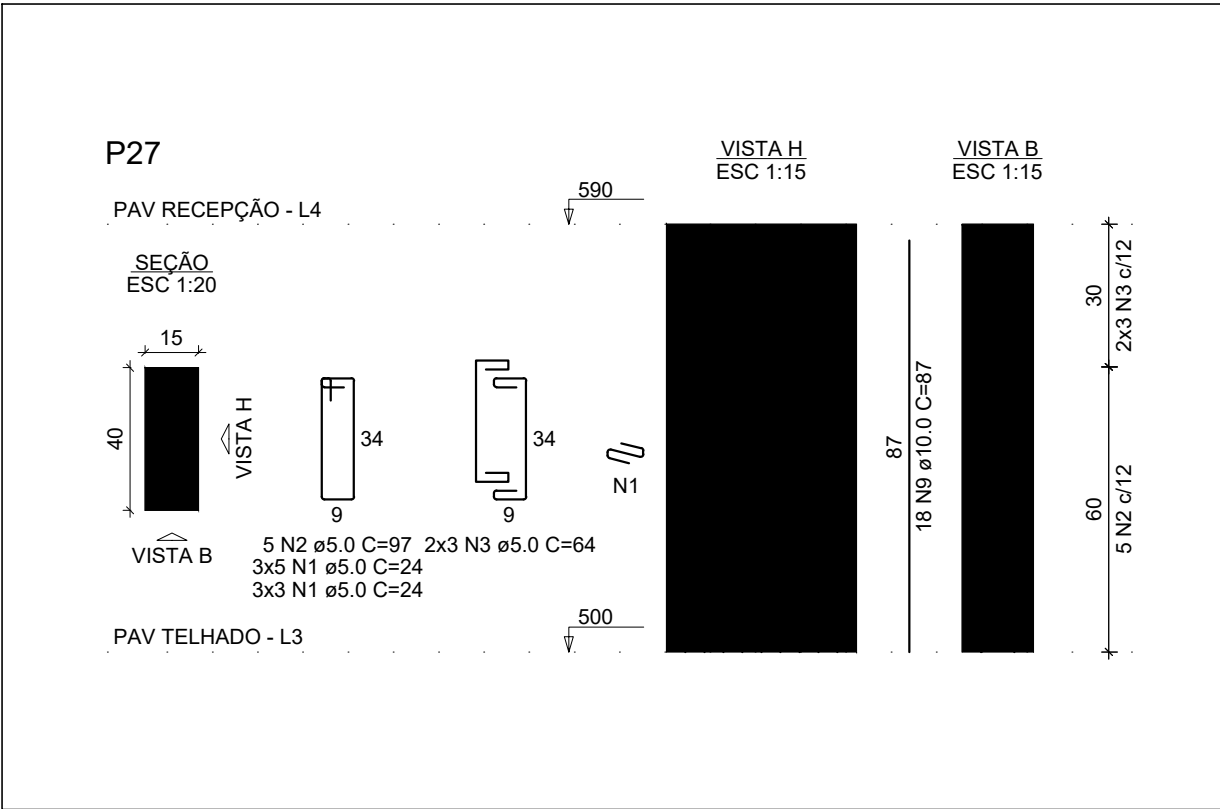
Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P27	15x40	0	590
P28	15x40	0	590
P35	15x30	0	590
P37	15x30	0	590
P38	15x30	0	590
P39	15x40	0	590

Legenda dos pilares	
	Pilar que morre

Legenda das vigas e paredes	
	Viga

Projeto: PROJETO ESTRUTURAL		Data: 15/03/2023
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des.no.: 16	Planta: FORMAS PAVIMENTO RECEPÇÃO H= 5,80MT	
Autor: NADELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA

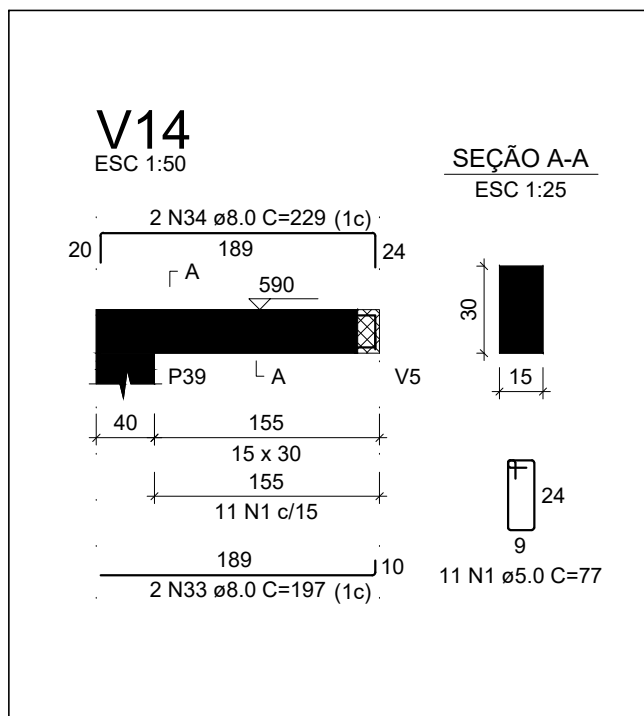
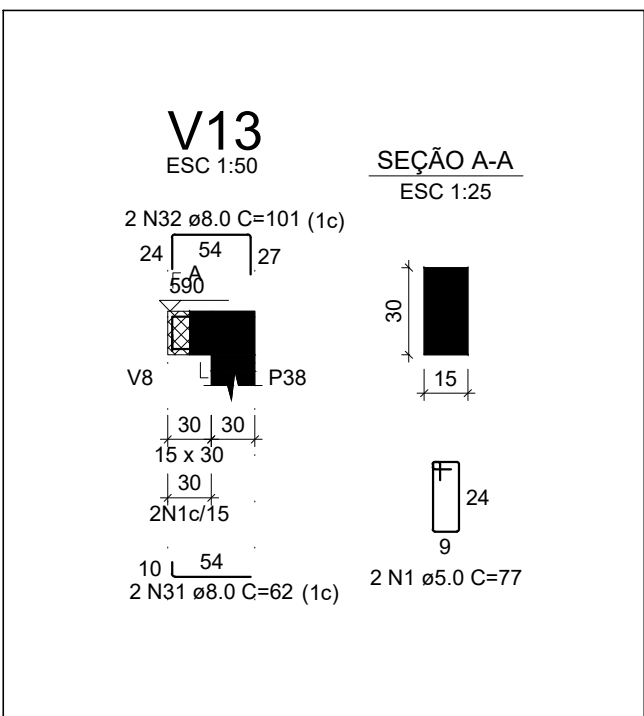
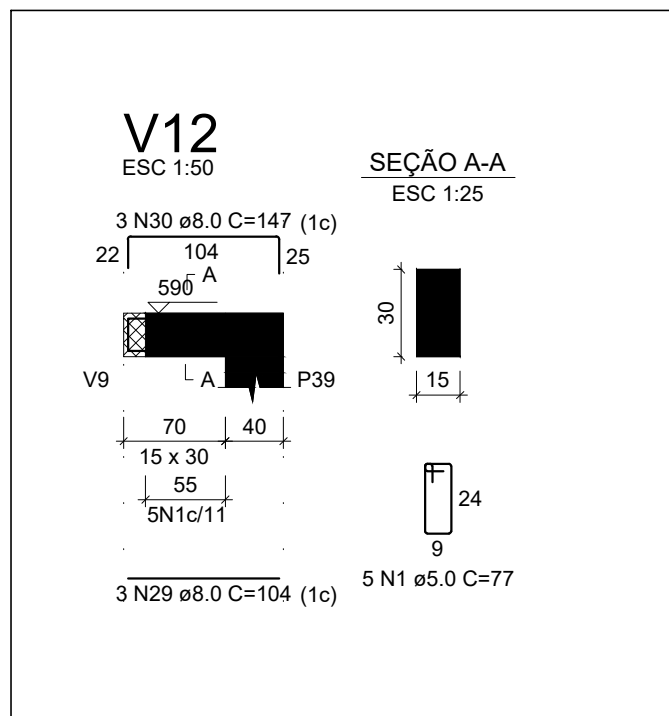
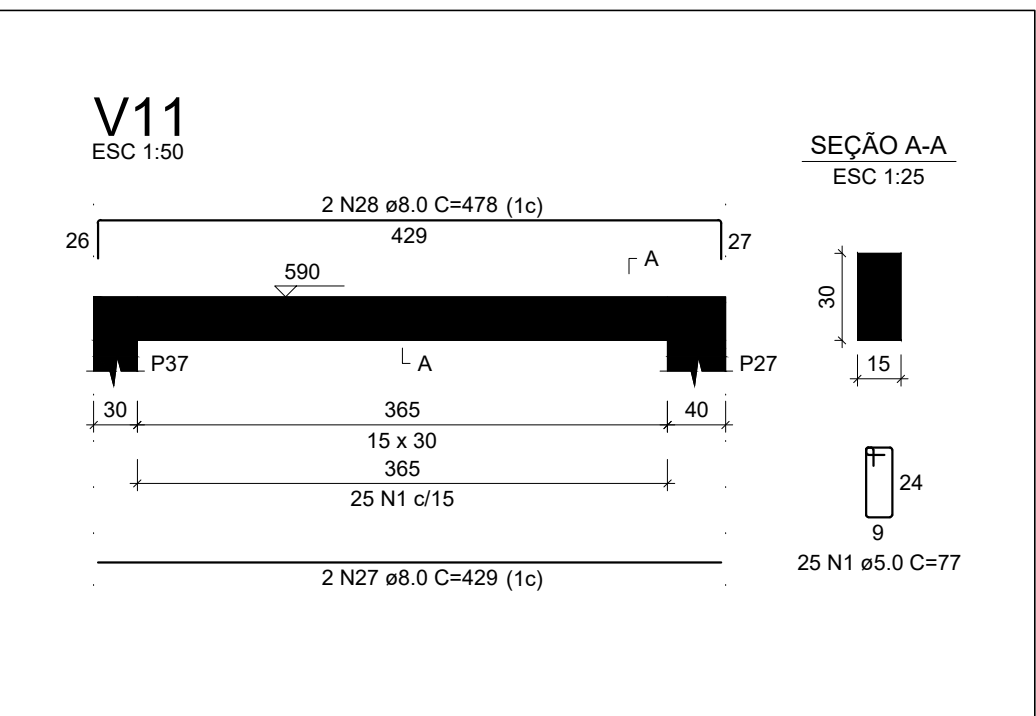
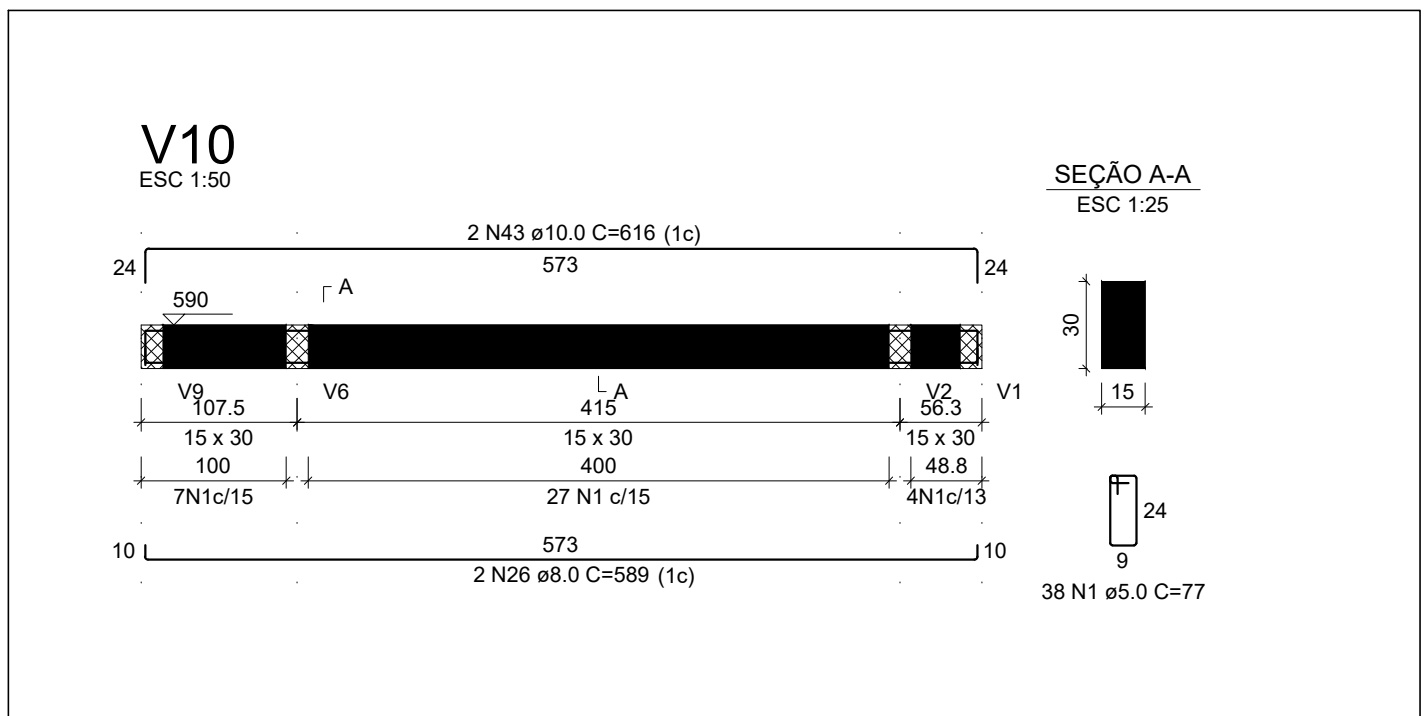
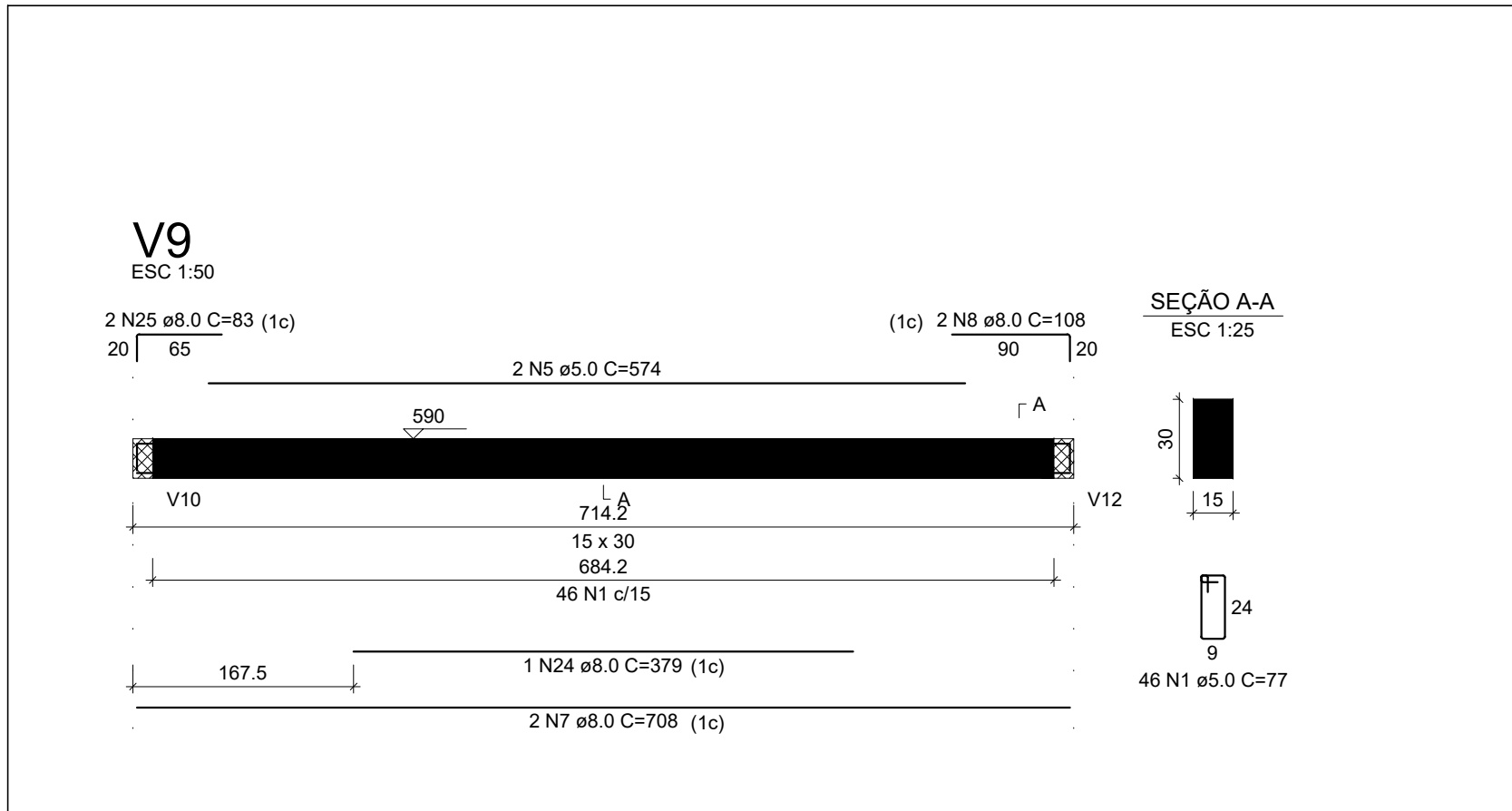
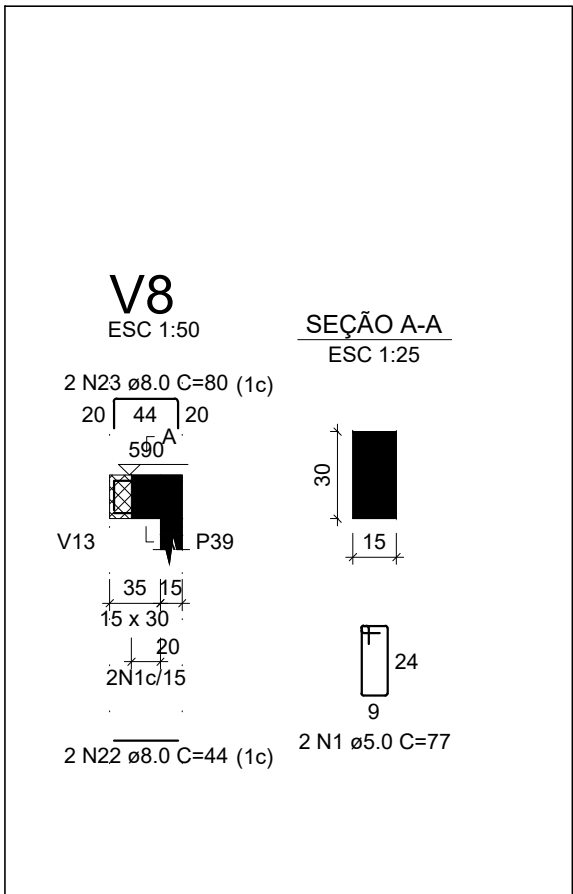
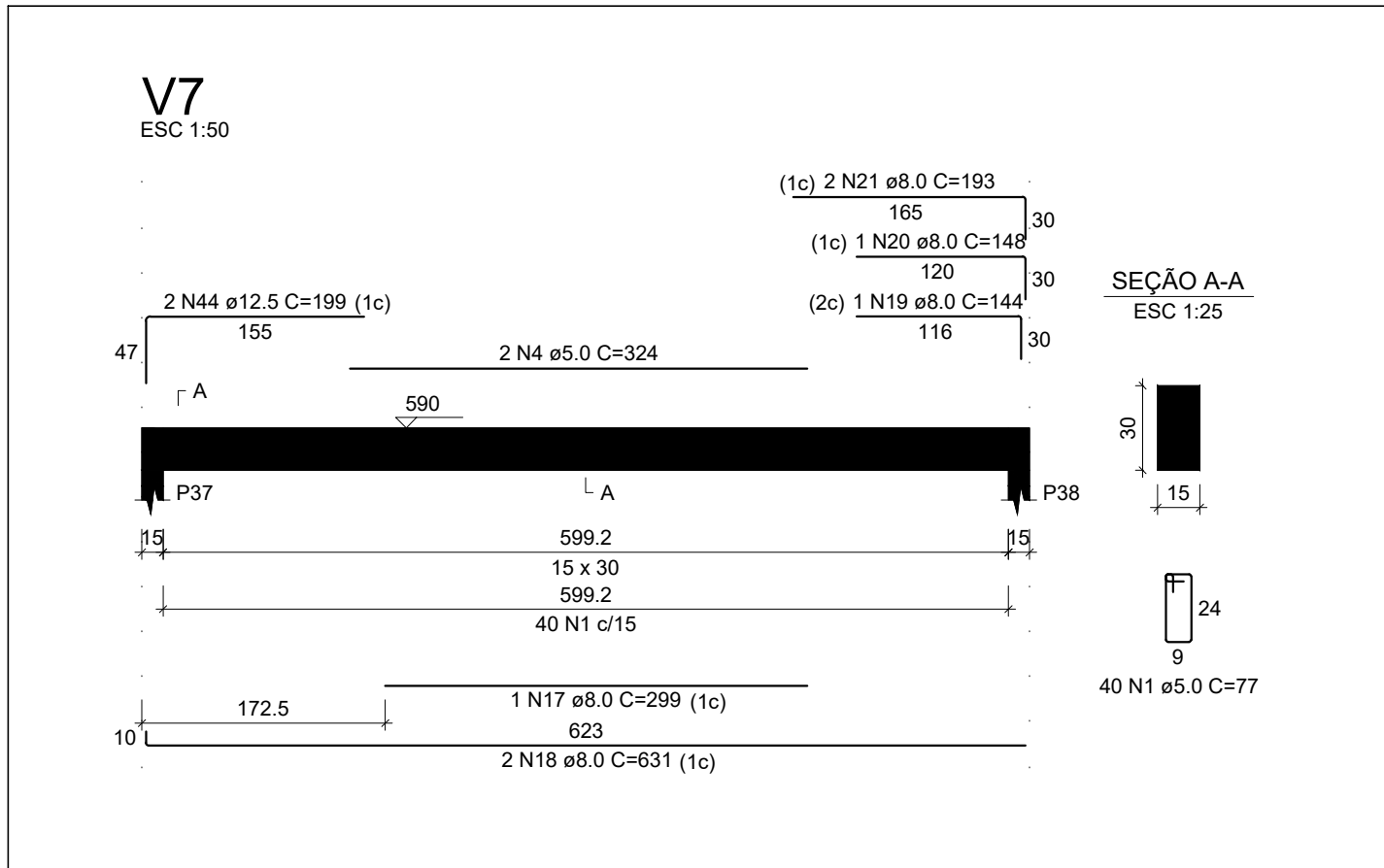
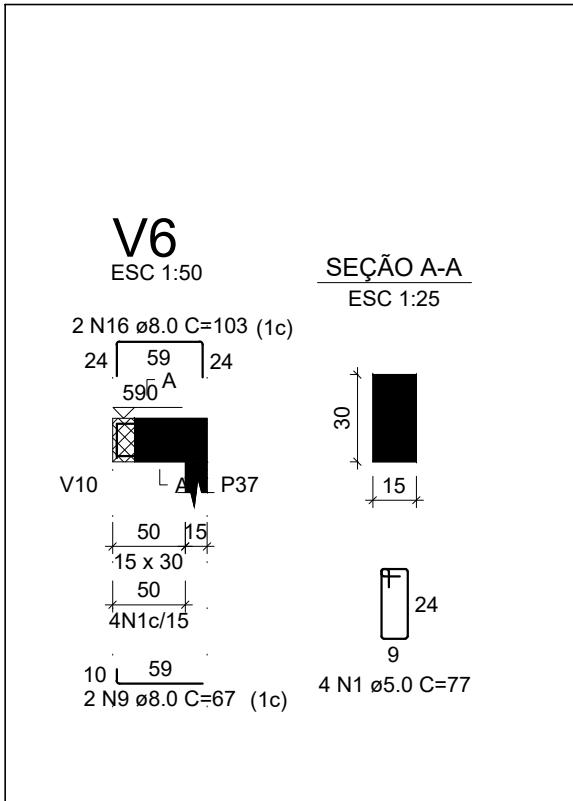
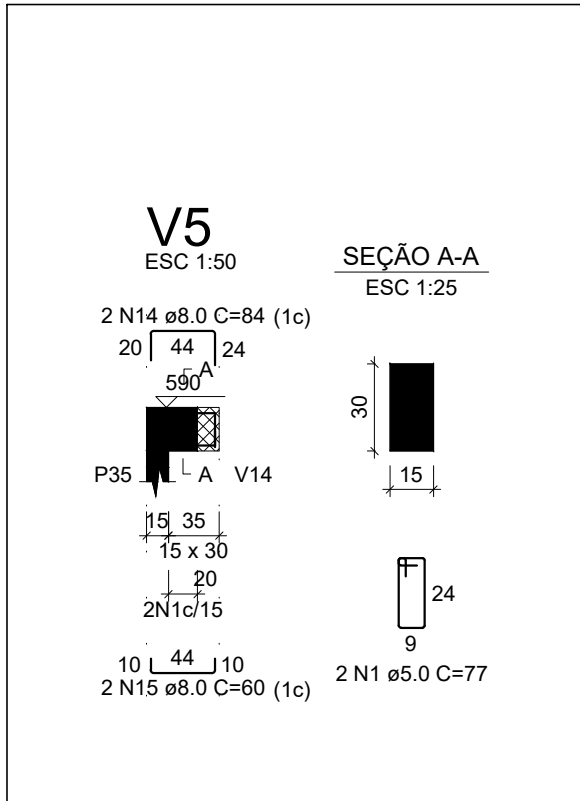
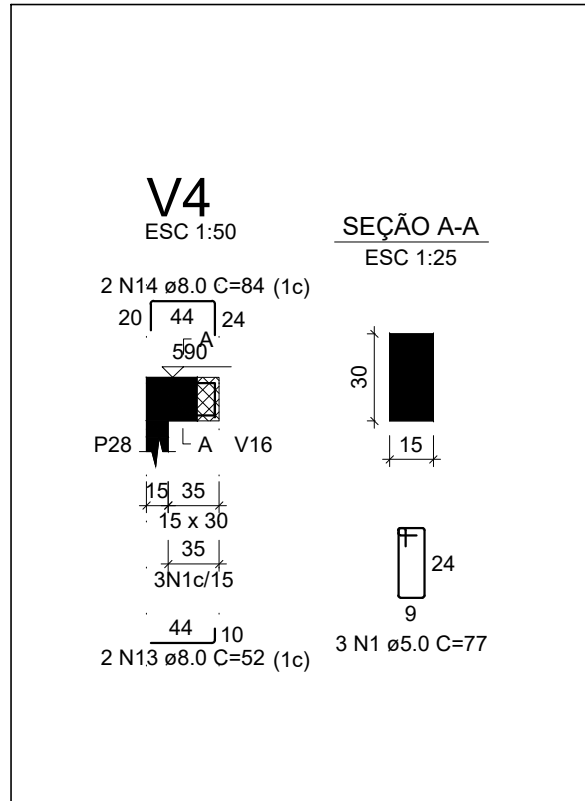
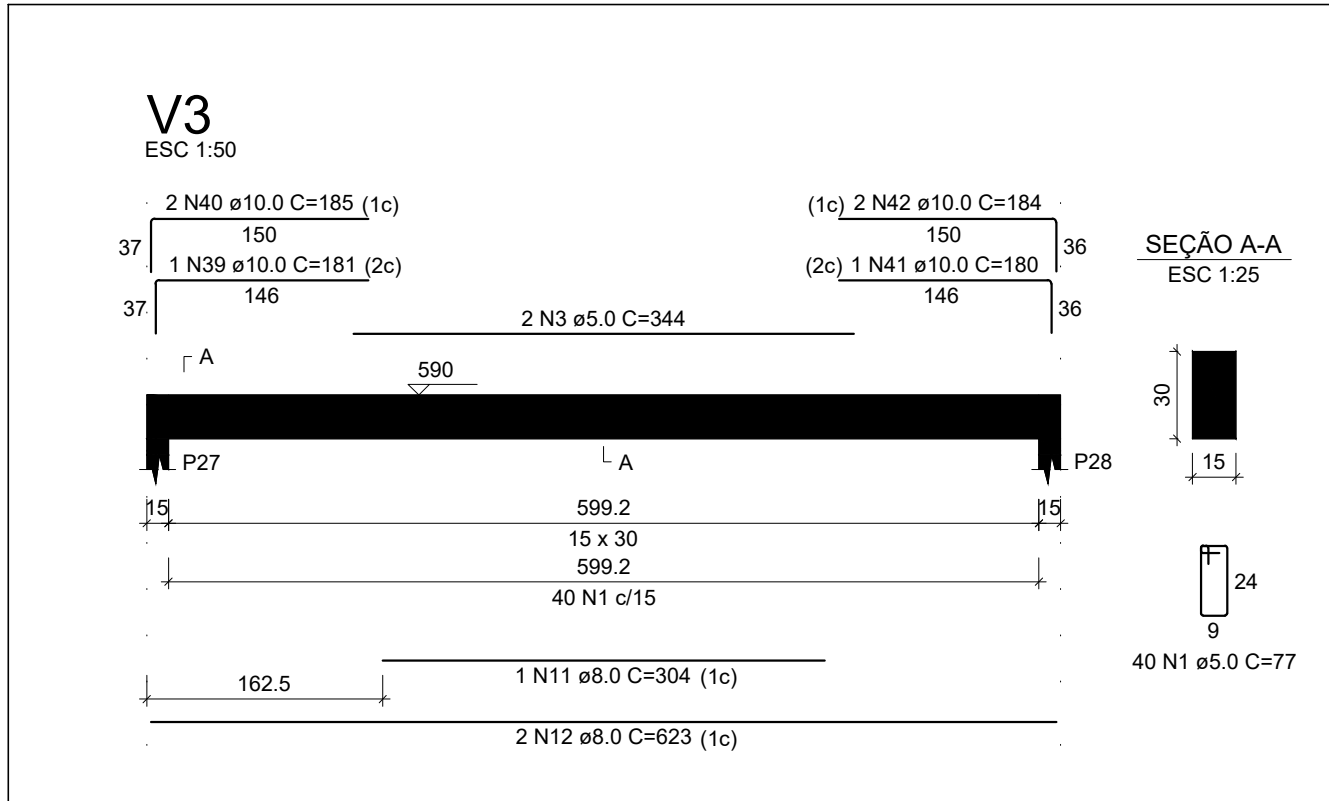
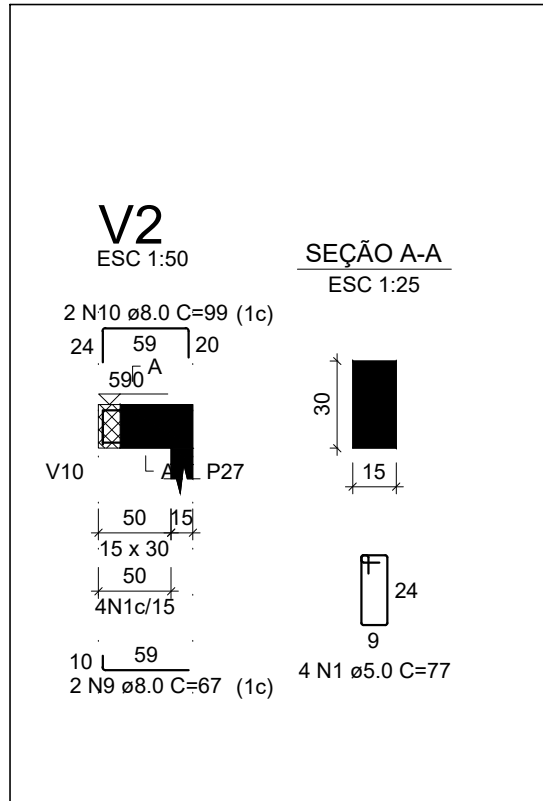
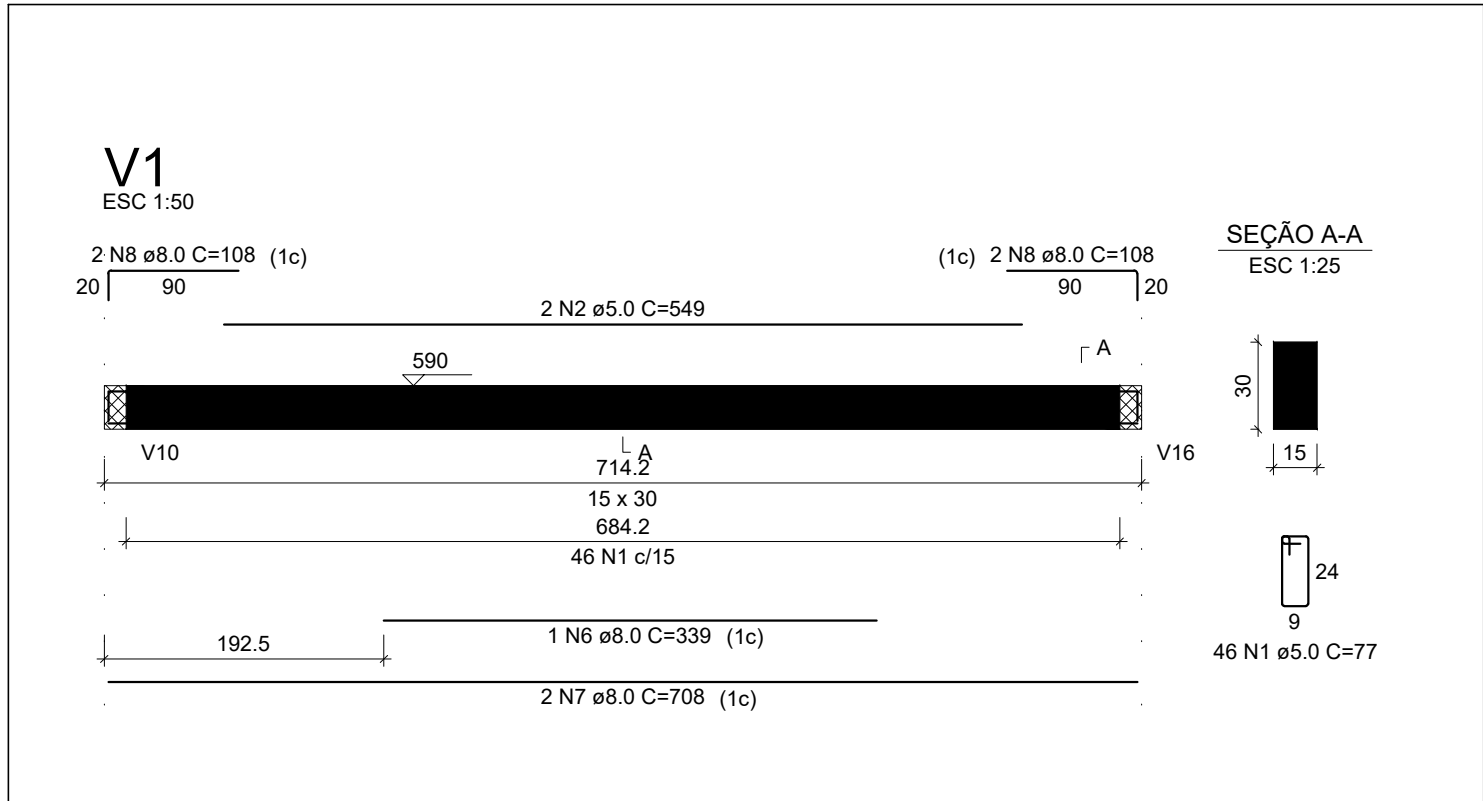


RELAÇÃO DO AÇO					
P27 P37		P28 P38		P35 P39	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	48	24	1152
	2	5.0	15	97	1455
	3	5.0	18	64	1152
	4	5.0	9	77	693
	5	5.0	10	54	540
CA50	6	6.3	6	26	156
	7	6.3	4	78	312
	8	6.3	4	55	220
	9	10.0	44	87	3828
	10	12.5	26	87	2262

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	6.9	1.9
	10.0	38.3	26
	12.5	22.6	24
CA60	5.0	49.9	8.5
PESO TOTAL (kg)			
CA50	51.8		
CA60	8.5		

Volume de concreto (C-25) = 0.28 m³
Área de forma = 5.40 m²

Projeto: PROJETO ESTRUTURAL		Data: 15/03/2023
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des.no.: 17	Planta: PILARES PAVIMENTO RECEPÇÃO H= 5,90MT	
Autor: NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA



RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	312	77	24024
	2	5.0	2	549	1098
	3	5.0	2	344	688
	4	5.0	2	324	648
	5	5.0	2	574	1148
CA50	6	8.0	1	339	339
	7	8.0	4	708	2832
	8	8.0	6	108	648
	9	8.0	4	67	268
	10	8.0	2	99	198
	11	8.0	1	304	304
	12	8.0	2	623	1246
	13	8.0	2	52	104
	14	8.0	4	84	336
	15	8.0	2	60	120
	16	8.0	2	103	206
	17	8.0	1	299	299
	18	8.0	2	631	1262
	19	8.0	1	144	144
	20	8.0	1	148	148
	21	8.0	2	193	386
	22	8.0	2	44	88
	23	8.0	2	80	160
	24	8.0	1	379	379
	25	8.0	2	83	166
	26	8.0	2	589	1178
	27	8.0	2	429	858
	28	8.0	2	478	956
	29	8.0	3	104	312
	30	8.0	3	147	441
	31	8.0	2	62	124
	32	8.0	2	101	202
	33	8.0	2	197	394
	34	8.0	2	229	458
	35	8.0	2	424	848
	36	8.0	2	460	920
	37	8.0	2	339	678
	38	8.0	2	367	734
	39	10.0	1	181	181
	40	10.0	2	185	370
	41	10.0	1	180	180
	42	10.0	2	184	368
	43	10.0	2	616	1232
	44	12.5	2	199	398

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	5.0	177.4	77
CA60	10.0	23.3	15.8
	12.5	4	4.2
	5.0	276.1	46.8
PESO TOTAL (kg)			
CA50	87		
CA60	46.8		

Volume de concreto (C-25) = 2.06 m³
Área de forma = 26.27 m²

Projeto:	PROJETO ESTRUTURAL	Data:	15/03/2023
Local:			
Nome:	PREFEITURA MUNICIPAL DE PEQUI		
Des.no.:	18	Planta:	VIGAS PAVIMENTO RECEPÇÃO H= 5,80MT
Autor:		NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D	
		HIDROGINÁSTICA E FISIOTERAPIA	



DETALHE DA ARMADURA SUPERIOR DE CONTINUIDADE DA LAJE
E MONTAGEM DA ARMADURA DE DISTRIBUIÇÃO

RESUMO DO AÇO

Volume de concreto (C-25) = 4.13 m³
Área de forma = 34.43 m²

Projeto: PROJETO ESTRUTURAL		Data: 15/03/2023
Local:		
Nome: PREFEITURA MUNICIPAL DE PEQUI		
Des. no.: 19	Planta: LAJE PAVIMENTO RECEPÇÃO H= 5,90MT	
Autor: NADIELLY MARTINS DUARTE XAVIER - CREA- 250.444/D		HIDROGINÁSTICA E FISIOTERAPIA