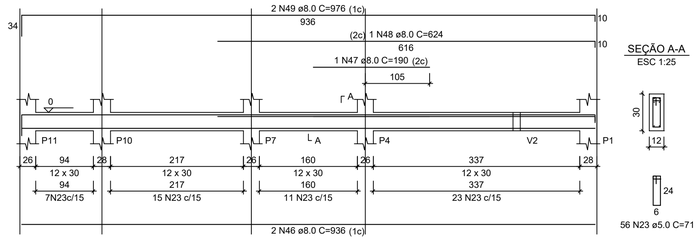
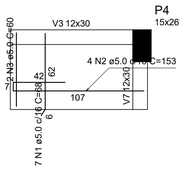
V7
ESC 1:50



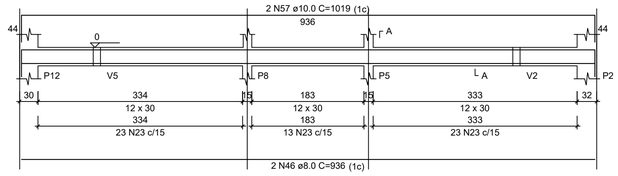
SEÇÃO A-A
ESC 1:25

56 N23 ø5.0 C=71

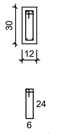
Armaduras de distribuição	
Armadura	Armadura de distribuição
N25	3 N4 ø5.0 c/20 C=106



V8
ESC 1:50

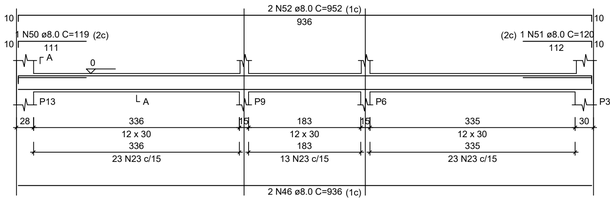


SEÇÃO A-A
ESC 1:25

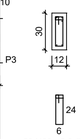


59 N23 ø5.0 C=71

V9
ESC 1:50



SEÇÃO A-A
ESC 1:25



59 N23 ø5.0 C=71

RELAÇÃO DO AÇO

LE1-L1	Negativos-L1	P1-L2
P2-L2	P3-L2	P4-L2
P5-L2	3xP6-L2	P8-L2
P10-L2	P11-L2	P12-L2
P13-L2	V1-L2	V2-L2
V3-L2	V4-L2	V5-L2
V6-L2	V7-L1	V8-L1
V9-L1		

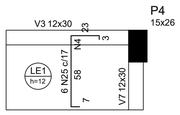
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	7	68	476
	2	5.0	4	153	612
	3	5.0	2	60	120
	4	5.0	3	106	318
	5	5.0	20	75	1500
	6	5.0	6	54	324
	7	5.0	20	83	1660
	8	5.0	6	58	348
	9	5.0	40	71	2840
	10	5.0	12	50	600
	11	5.0	40	69	2760
	12	5.0	12	50	600
	13	5.0	23	24	552
	14	5.0	20	77	1540
	15	5.0	6	54	324
	16	5.0	60	67	4020
	17	5.0	18	48	864
	18	5.0	39	73	2847
	19	5.0	14	52	728
	20	5.0	23	25	575
	21	5.0	20	79	1580
	22	5.0	6	56	336
	23	5.0	339	71	24069
	24	5.0	5	93	465
CA50	25	6.3	6	87	522
	26	6.3	1	81	81
	27	8.0	4	577	2308
	28	8.0	1	430	430
	29	8.0	2	607	1214
	30	8.0	2	340	680
	31	8.0	1	230	230
	32	8.0	1	590	590
	33	8.0	2	596	1192
	34	8.0	2	269	538
	35	8.0	1	139	139
	36	8.0	1	295	295
	37	8.0	2	301	602
	38	8.0	2	125	250
	39	8.0	2	312	624
	40	8.0	2	174	348
	41	8.0	2	220	440
	42	8.0	2	455	910
	43	8.0	2	677	1354
	44	8.0	1	155	155
	45	8.0	2	711	1422
	46	8.0	6	936	5616
	47	8.0	1	190	190
	48	8.0	1	624	624
	49	8.0	2	976	1952
	50	8.0	1	119	119
	51	8.0	1	120	120
	52	8.0	2	952	1904
	53	10.0	16	262	4192
	54	10.0	58	309	17922
	55	10.0	1	255	255
	56	10.0	2	325	650
	57	10.0	2	1019	2038

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	6	1.6
	8.0	242.5	105.2
	10.0	250.6	169.9
CA60	5.0	500.6	84.9
PESO TOTAL (kg)			
CA50	276.8		
CA60	84.9		

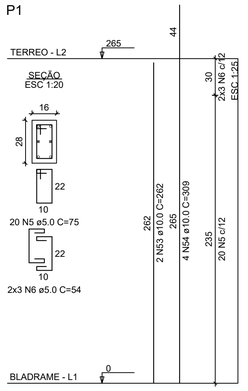
Volume de concreto (C-20) = 3.53 m³
Área de forma = 70.82 m²

Armação positiva da escada E1
ESC 1:25

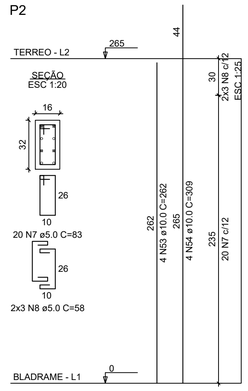


Armação negativa da escada E1
ESC 1:25

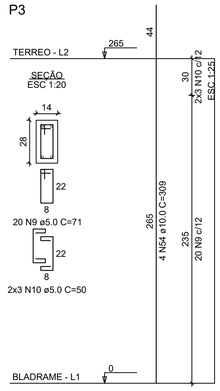
P1



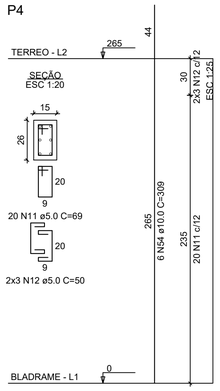
P2



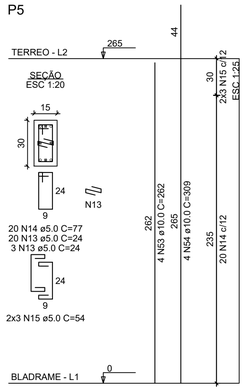
P3



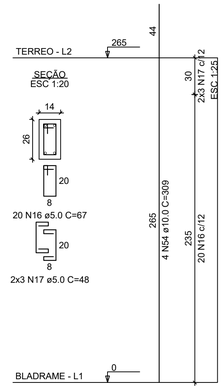
P4



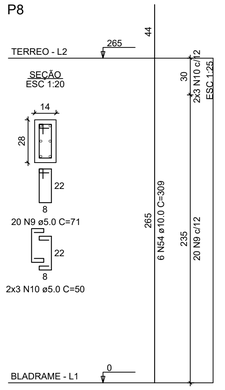
P5



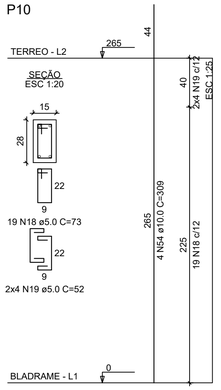
P6=P7=P9



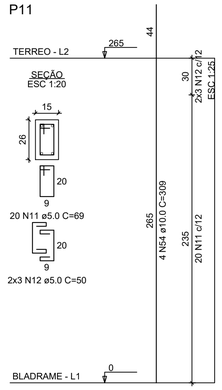
P8



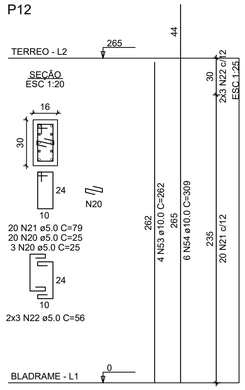
P10



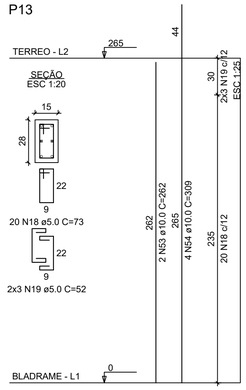
P11



P12

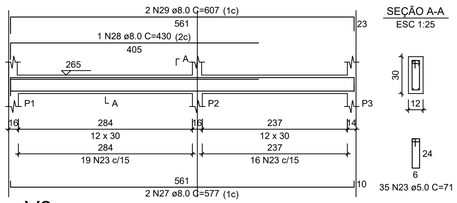


P13



27
27
10

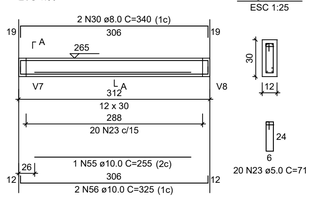
V1
ESC 1:50



SEÇÃO A-A
ESC 1:25

35 N23 ø5.0 C=71

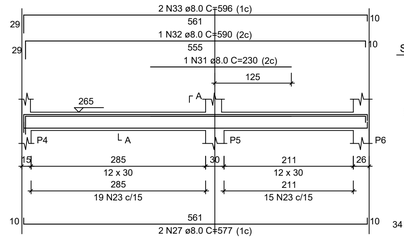
V2
ESC 1:50



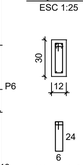
SEÇÃO A-A
ESC 1:25

20 N23 ø5.0 C=71

V3
ESC 1:50

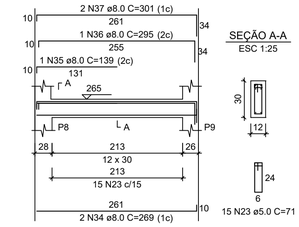


SEÇÃO A-A
ESC 1:25



34 N23 ø5.0 C=71

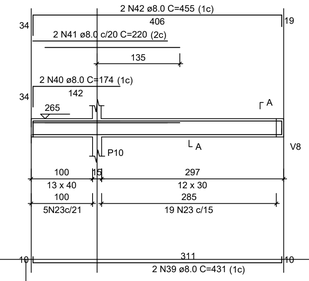
V4
ESC 1:50



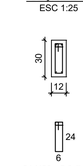
SEÇÃO A-A
ESC 1:25

15 N23 ø5.0 C=71

V5
ESC 1:50

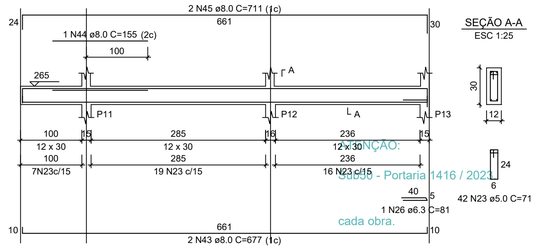


SEÇÃO B-B
ESC 1:25



24 N23 ø5.0 C=71

V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

42 N23 ø5.0 C=71

gov.br
Documento assinado digitalmente
MIGUEL MENESES TOSTES
Data: 18/11/2025 10:19:47-0300
Verifique em https://validar.iti.gov.br

EDUARDO JOSE VIANA:16691989600

Assinado de forma digital por EDUARDO JOSE VIANA:16691989600
Dados: 2025.11.18 08:52:01 -03'00'

Minha Casa Minha Vida · NOVO PAC · CAIXA · GOVERNO FEDERAL BRASIL UNIÃO E RECONSTRUÇÃO

Novo PAC FHNIS Sub50

PROJETO ESTRUTURAL

ARMADURAS DE VIGAS BALDRAME
ARMADURA DE VIGAS E PILARES TÉRREO

PREFEITURA MUNICIPAL DE PEDRA DO ANTA- MG

RT: Miguel Meneses Tostes - CREA 238.554/D

DESENHO 01

Escala: Indicada | Revisão: 01

Data: 09/05/25 | Unidade: cm

FOLHA 03/05

ATENÇÃO:
Lei 9.610 - Portaria 1416 / 2023
cada obra.

FORMATO A1 - INTERNO: 801 x 574 mm.
EXTERNO: 841 x 594 mm.