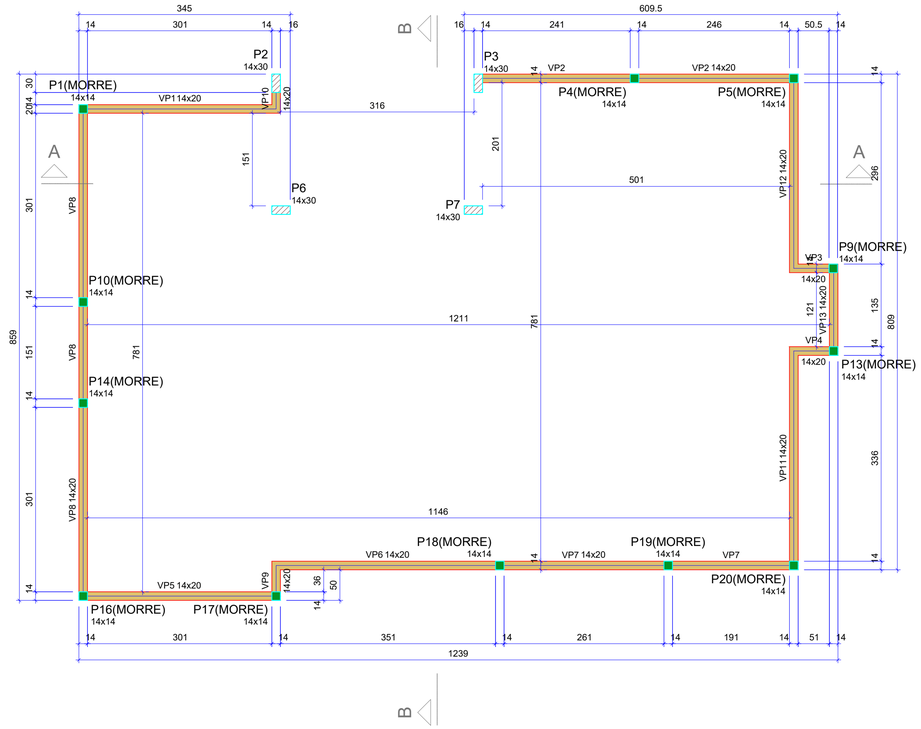


FORMA DO PAVIMENTO PLATIBANDA (NÍVEL 420)

Escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VP1	14x20	0	420
VP2	14x20	0	420
VP3	14x20	0	420
VP4	14x20	0	420
VP5	14x20	0	420
VP6	14x20	0	420
VP7	14x20	0	420
VP8	14x20	0	420
VP9	14x20	0	420
VP10	14x20	0	420
VP11	14x20	0	420
VP12	14x20	0	420
VP13	14x20	0	420

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
300	268384

Dimensão máxima do agregado = 19 mm

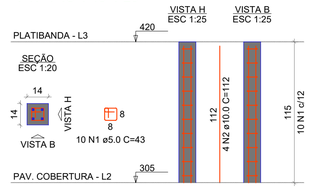
Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	14x14	0	420
P2	14x30	0	420
P3	14x30	0	420
P4	14x14	0	420
P5	14x14	0	420
P6	14x30	0	420
P7	14x30	0	420
P9	14x14	0	420
P10	14x14	0	420
P13	14x14	0	420
P14	14x14	0	420
P16	14x14	0	420
P17	14x14	0	420
P18	14x14	0	420
P19	14x14	0	420
P20	14x14	0	420

Legenda dos pilares	
	Pilar que morre
	Pilar que passa

Legenda das vigas e paredes	
	Viga

PILARES - Pavimento Platibanda - Nível 4,20

P1=P4=P5=P9=P10=P13=P14=P16=
=P17=P18=P19=P20



RELAÇÃO DO AÇO

12xP1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	120	43	5160
CA50	2	10.0	48	112	5376

RESUMO DO AÇO

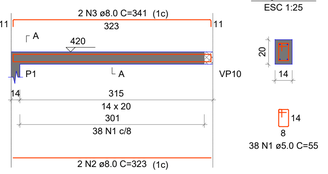
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	53.8	36.5
CA60	5.0	51.6	8.7
PESO TOTAL (kg)			
CA50	36.5		
CA60	8.7		

Volume de concreto (C-30) = 0.27 m³
Área de forma = 7.73 m²

VIGAS - Pavimento Platibanda - Nível 4,20

VP1

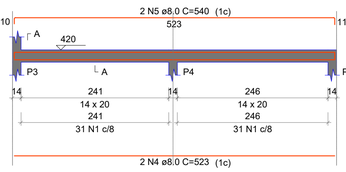
ESC 1:50



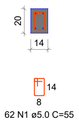
SEÇÃO A-A
ESC 1:25

VP2

ESC 1:50

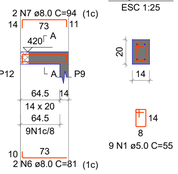


SEÇÃO A-A
ESC 1:25



VP3

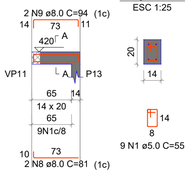
ESC 1:50



SEÇÃO A-A
ESC 1:25

VP4

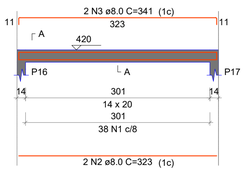
ESC 1:50



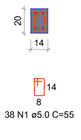
SEÇÃO A-A
ESC 1:25

VP5

ESC 1:50

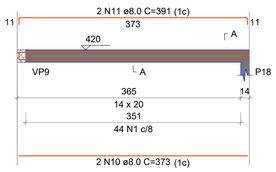


SEÇÃO A-A
ESC 1:25

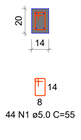


VP6

ESC 1:50

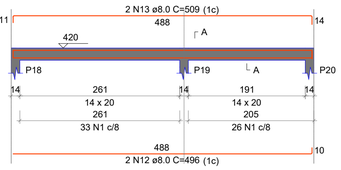


SEÇÃO A-A
ESC 1:25

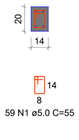


VP7

ESC 1:50

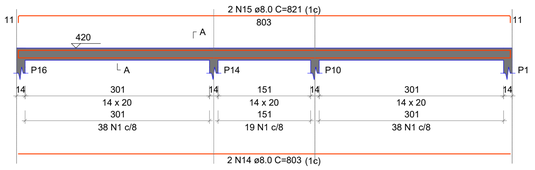


SEÇÃO A-A
ESC 1:25

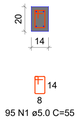


VP8

ESC 1:50

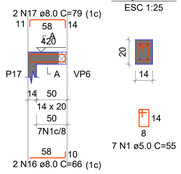


SEÇÃO A-A
ESC 1:25



VP9

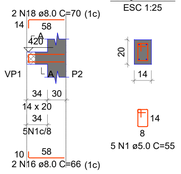
ESC 1:50



SEÇÃO A-A
ESC 1:25

VP10

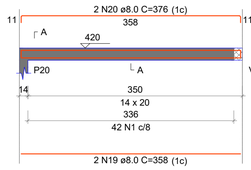
ESC 1:50



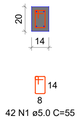
SEÇÃO A-A
ESC 1:25

VP11

ESC 1:50

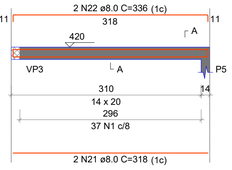


SEÇÃO A-A
ESC 1:25



VP12

ESC 1:50

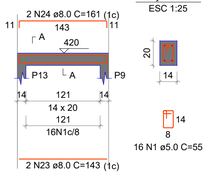


SEÇÃO A-A
ESC 1:25



VP13

ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

VP1 VP2 VP3
VP4 VP5 VP6
VP7 VP8 VP9
VP10 VP11 VP12
VP13

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	461	55	25355
CA50	2	8.0	4	323	1292
	3	8.0	4	341	1364
	4	8.0	2	523	1046
	5	8.0	2	540	1080
	6	8.0	2	81	162
	7	8.0	2	94	188
	8	8.0	2	81	162
	9	8.0	2	94	188
	10	8.0	2	373	746
	11	8.0	2	391	782
	12	8.0	2	496	992
	13	8.0	2	509	1018
	14	8.0	2	803	1606
	15	8.0	2	821	1642
	16	8.0	4	66	264
	17	8.0	2	79	158
	18	8.0	2	70	140
	19	8.0	2	358	716
	20	8.0	2	376	752
	21	8.0	2	318	636
	22	8.0	2	336	672
	23	8.0	2	143	286
	24	8.0	2	161	322

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	162.1	70.4
CA60	5.0	253.6	43
PESO TOTAL (kg)			
CA50	70.4		
CA60	43		

Volume de concreto (C-30) = 1.01 m³
Área de forma = 19.50 m²

AMURES

ASSOCIAÇÃO DE MUNICÍPIOS DA SERRA CATARINENSE

PREFEITURA MUNICIPAL DE SÃO JOSÉ DO CERRITO - SC

06/07

ASSESSORIA TÉCNICA

MATHEUS LORENZETTI CASAGRANDE:050743 44980

Assinado de forma digital por MATHEUS LORENZETTI CASAGRANDE:05074344980 Dados: 2026.05.21 15:32:30 -03'00'

PROJETO:

Matheus Lorenzetti Casagrande
Eng. Civil - CREA 165793-1

PREFEITA:

Tainara Raitz

OBRA :

UBS Campina Dorgelo

Projeto Estrutural

Detalhamento das Vigas e Pilares do Pav. Platibanda (Nivel 4,20)

Área Total: 102,12 m²

Localização: Estrada Geral ; Bairro: Comunidade Campina Dorgelo ; CEP:88570-000 ; s/nº

DESENHO : Matheus Lorenzetti Casagrande

Escala: Indicada

DATA : 05/2026