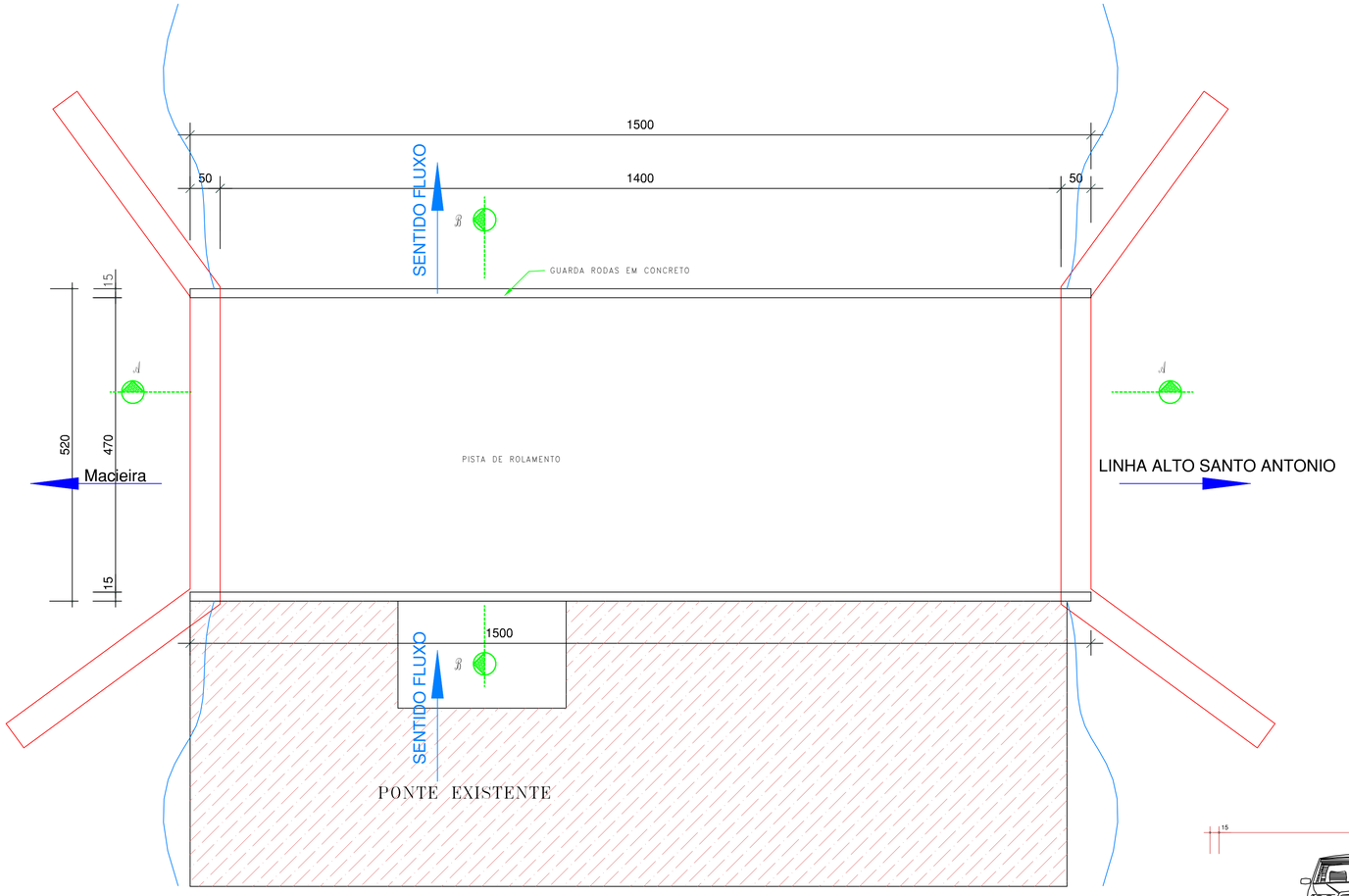


DETALHE PLANTA BAIXA C/ DIMENSÕES

(KIT PADRÃO)

ESC.....1:50

AREA DA PONTE - 78,00m2



AREA DE INTERVENÇÃO

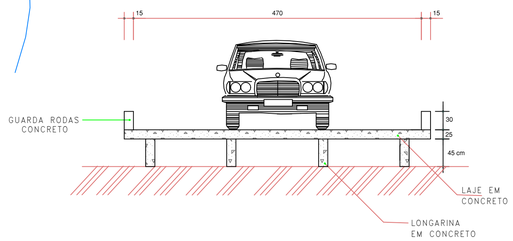
LOCALIZAÇÃO

SEM ESC.

OBSERVAÇÕES

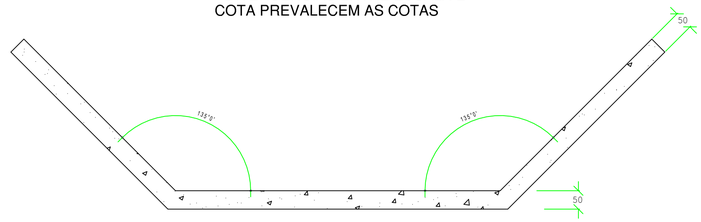
* VERIFICAR AS MEDIDAS DAS CABECEIRAS NO LOCAL

* DIVERGÊNCIAS ENTRE ESCALA E COTA PREVALECEM AS COTAS



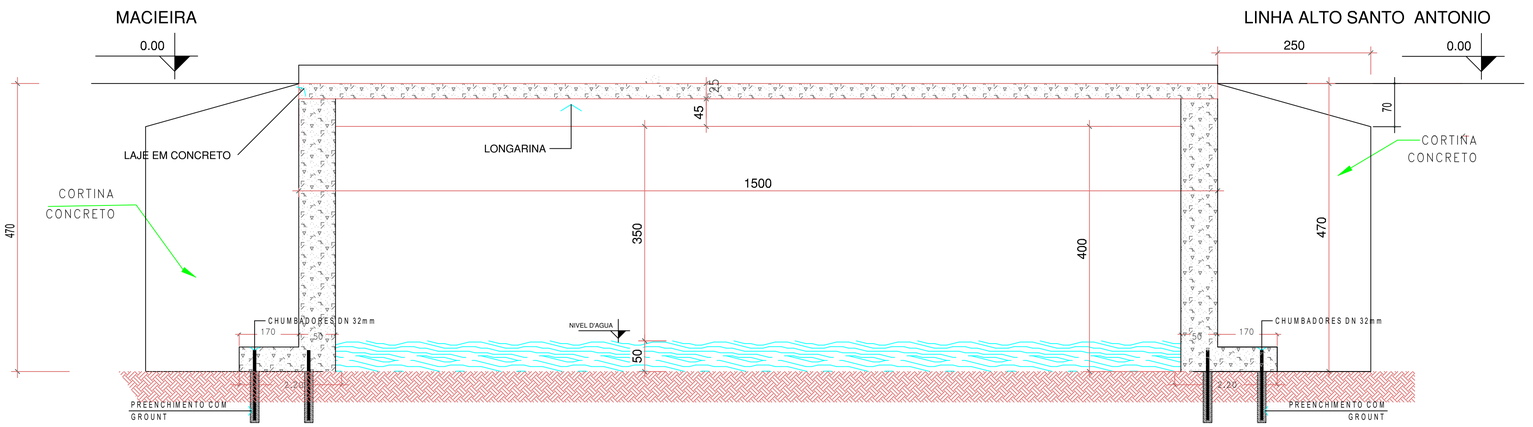
CORTE TRANSVERSAL B-B

ESC.....1:50



DETALHE CORTINA DE CABECEIRAS

ESC.....1:50



CORTE LONGITUDINAL A-A

Carimbos

Quadro Técnico

Ronaldo Regalin	CREA/SC 036.714-0	Eng. Civil	Responsável Técnico
Bruno Regalin	CREA/SC 164.059-2	Eng. Civil	Responsável Técnico
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BRUNO REGALIN:10127820930

Assinado de forma digital por BRUNO REGALIN:10127820930
Dados: 2026.04.29 10:44:32 -03'00'

Bruno Regalin
Eng. Civil
CREA/SC 164.059-2

Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Proprietário

CIVILTEC
Soluções em Projeto de Infraestrutura
CIVILTEC ENGENHARIA LTDA

PROJETO CABECEIRAS DE PONTE
LINHA ALTO SANTO ANTONIO 02

Proprietario: Município de Macieira
CPF/CNPJ: 95.992.020/0001-00

Conteúdo: Planta Baixa - Corte Longitudinal Corte Transversal - Localização - Detalhes Construtivos

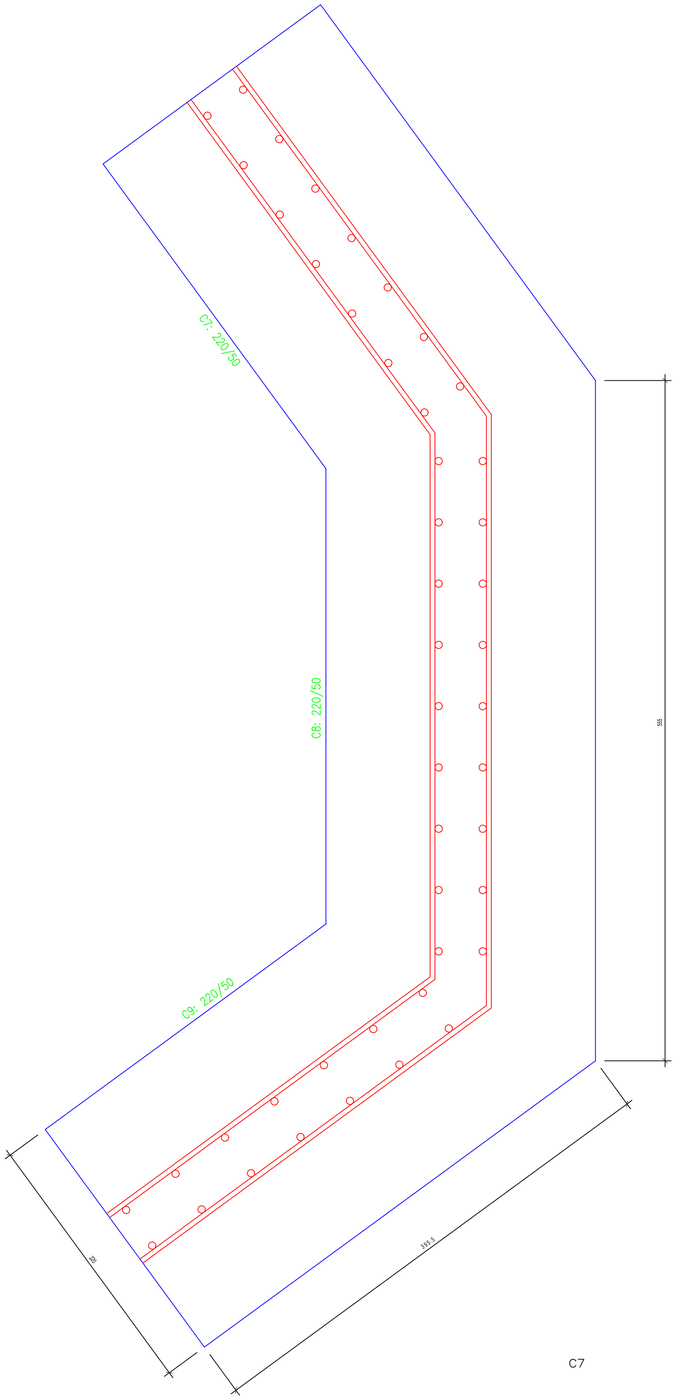
Endereço da obra: Linha Alto Santo Antonio, Macieira/SC

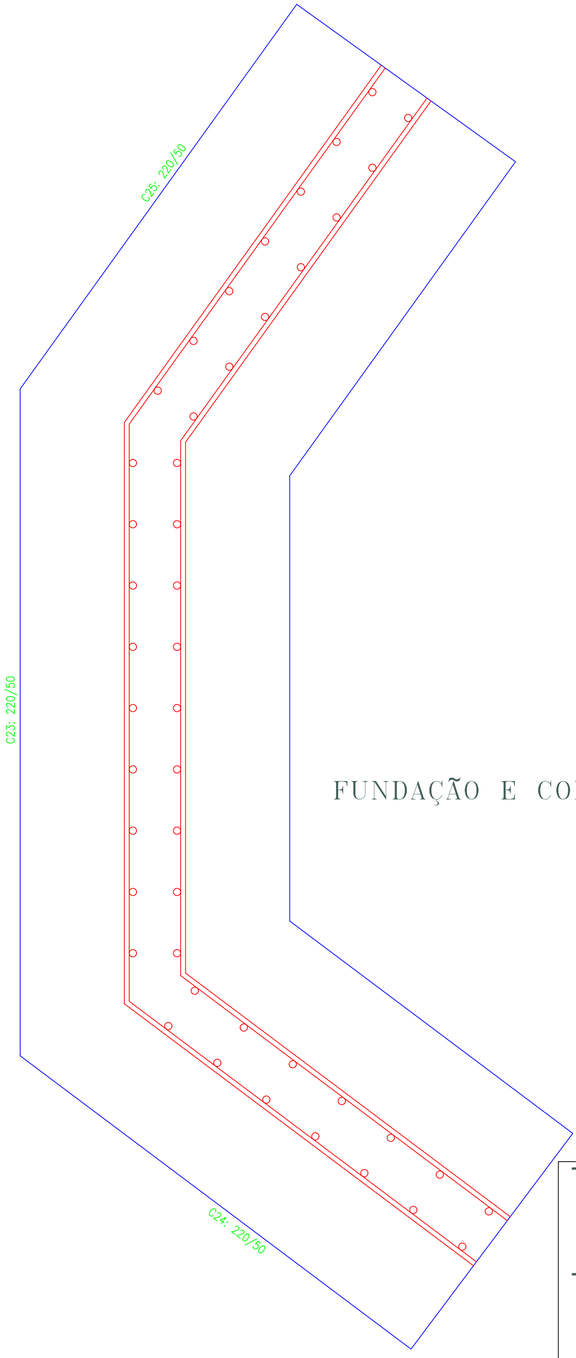
Data: 28/04/2026
Escala: Indicada

Prancha: 001

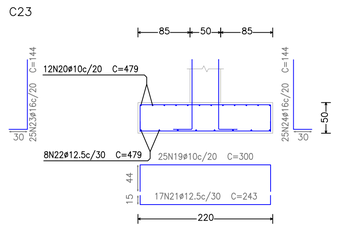
PJ260326_01 - PONTE ALTO SANTO ANTONIO 02_R01.dwg

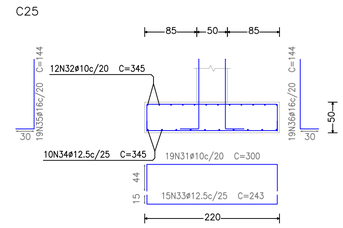
R01

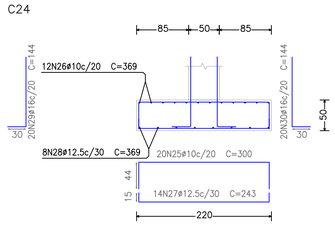


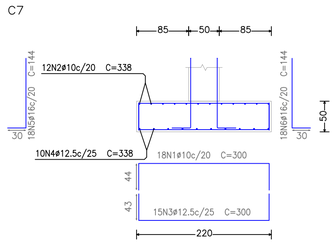


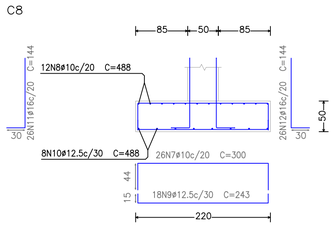
FUNDAÇÃO E CORTINA

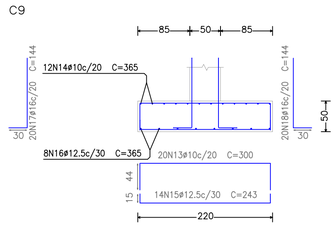












Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
C7	1	ø10	18	44	212	44	300	5400	33.9	
	2	ø10	12		338		338	4056	25.5	
	3	ø12.5	15	43	214	43	300	4500	44.2	
	4	ø12.5	10		338		338	3380	33.2	
	5	ø16	18		114	30	144	2592	40.7	
	6	ø16	18		114	30	144	2592	40.7	
							Total+10%:		240.0	
C8	7	ø10	26	44	212	44	300	7800	49.0	
	8	ø10	12		488		488	5856	36.8	
	9	ø12.5	18	15	213	15	243	4374	42.9	
	10	ø12.5	8		488		488	3904	38.3	
	11	ø16	26		114	30	144	3744	58.8	
	12	ø16	26		114	30	144	3744	58.8	
							Total+10%:		313.1	
C9	13	ø10	20	44	212	44	300	6000	37.7	
	14	ø10	12		365		365	4380	27.5	
	15	ø12.5	14	15	213	15	243	3402	33.4	
	16	ø12.5	8		365		365	2920	28.7	
	17	ø16	20		114	30	144	2880	45.2	
	18	ø16	20		114	30	144	2880	45.2	
							Total+10%:		239.5	
C23	19	ø10	25	44	212	44	300	7500	47.1	
	20	ø10	12		479		479	5748	36.1	
	21	ø12.5	17	15	213	15	243	4131	40.5	
	22	ø12.5	8		479		479	3832	37.6	
	23	ø16	25		114	30	144	3600	56.5	
	24	ø16	25		114	30	144	3600	56.5	
							Total+10%:		301.7	
C24	25	ø10	20	44	212	44	300	6000	37.7	
	26	ø10	12		369		369	4428	27.8	
	27	ø12.5	14	15	213	15	243	3402	33.4	
	28	ø12.5	8		369		369	2952	29.0	
	29	ø16	20		114	30	144	2880	45.2	
	30	ø16	20		114	30	144	2880	45.2	
							Total+10%:		240.1	
C25	31	ø10	19	44	212	44	300	5700	35.8	
	32	ø10	12		345		345	4140	26.0	
	33	ø12.5	15	15	213	15	243	3645	35.8	
	34	ø12.5	10		345		345	3450	33.9	
	35	ø16	19		114	30	144	2736	43.0	
	36	ø16	19		114	30	144	2736	43.0	
							Total+10%:		239.3	
								ø10:	463.0	0.0
								ø12.5:	474.0	0.0
								ø16:	636.7	0.0
								Total:	1573.7	0.0

Fundação
Detalhamento fundação
Concreto: C20, em geral
Escala: 1:25

Resumo Aço Fundação Detalhamento fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	ø10	670.1	463	
	ø12.5	438.9	474	
	ø16	368.6	637	1574

Carimbos

Quadro Técnico

Ronaldo Regalin	CREA/SC 036.714-0	Eng. Civil	Responsável Técnico
Bruno Regalin	CREA/SC 164.059-2	Eng. Civil	Responsável Técnico
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Bruno Regalin
Eng. Civil
CREA/SC 164.059-2

Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Proprietário

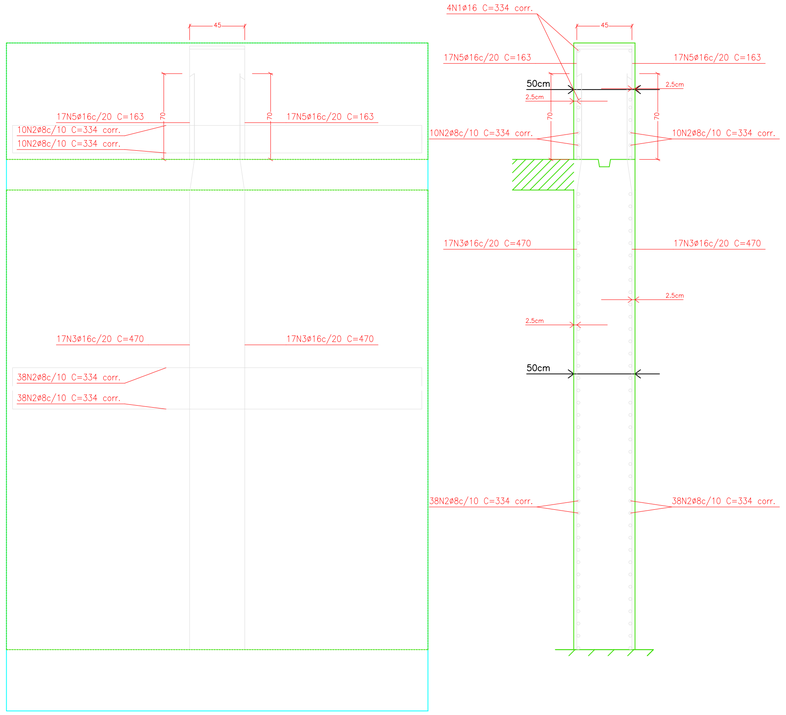
CIVILTEC
Soluções em Projeto de Infraestrutura
CIVILTEC ENGENHARIA LTDA

PROJETO CABECEIRAS DE PONTE
LINHA ALTO SANTO ANTONIO 02

Proprietario: Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Conteúdo: Projeto de Contenções
Endereço da obra: Linha Alto Santo Antonio, Macieira/SC
Data: 28/04/2026
Escala: Indicada
Prancha: 002

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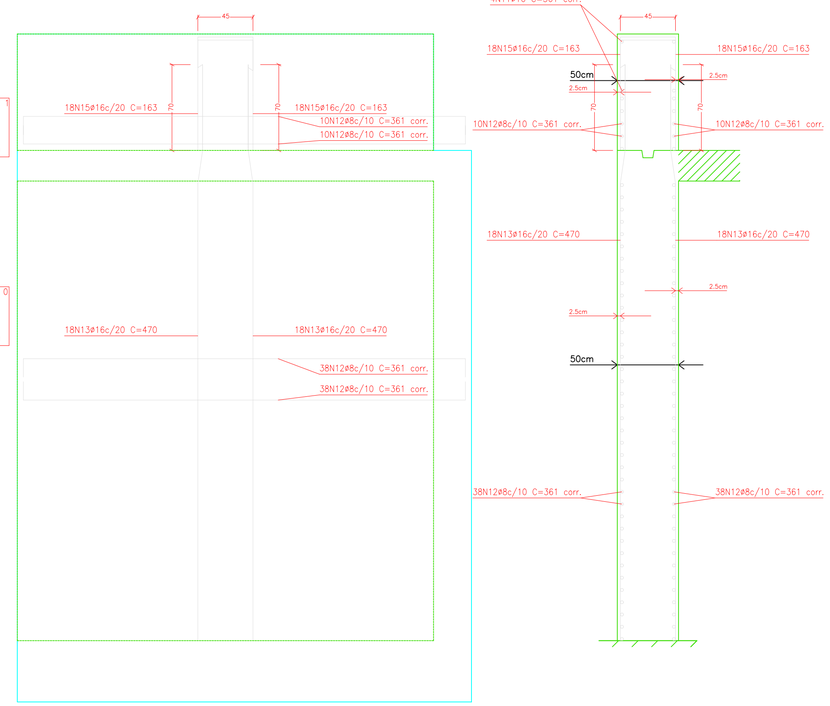
R01



C7: Pisos 1 a 2

P(4) Cortina/Alv. C7 Piso 1
Transversais:
- Num. Ramos: 1
- Diâmetro: ø6.3
- Esp. Vertical: 20 cm
- Esp. Horizontal: 20 cm

P(4) Cortina/Alv. C7 Piso 0
Transversais:
- Num. Ramos: 1
- Diâmetro: ø6.3
- Esp. Vertical: 20 cm
- Esp. Horizontal: 20 cm



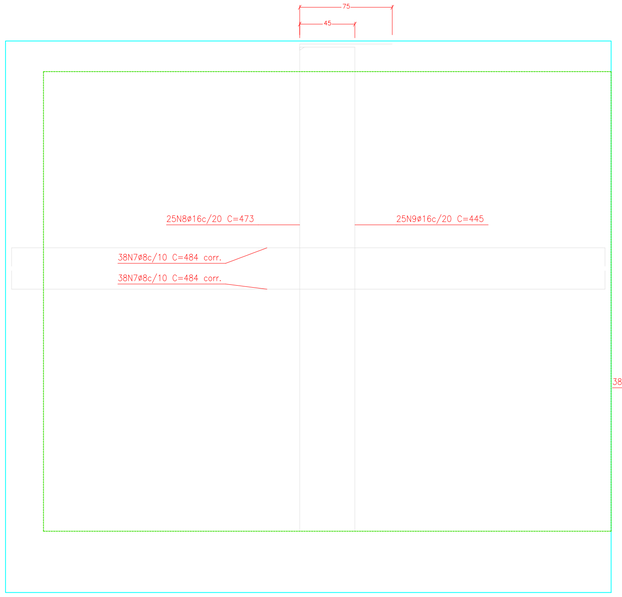
C9: Pisos 1 a 2

P(4) Cortina/Alv. C9 Piso 1
Transversais:
- Num. Ramos: 1
- Diâmetro: ø6.3
- Esp. Vertical: 20 cm
- Esp. Horizontal: 20 cm

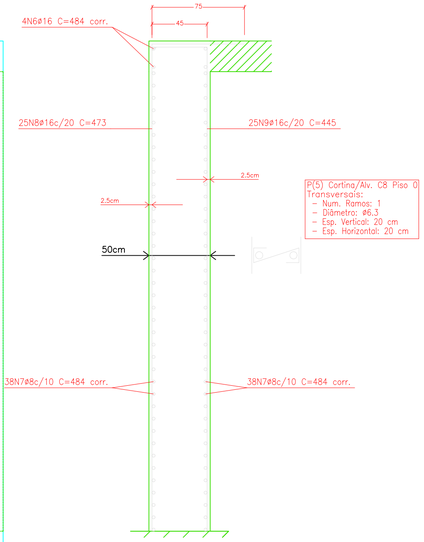
P(4) Cortina/Alv. C9 Piso 0
Transversais:
- Num. Ramos: 1
- Diâmetro: ø6.3
- Esp. Vertical: 20 cm
- Esp. Horizontal: 20 cm

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
C7	1	ø16	4		VAR.		VAR.	1336	21.0	
	2	ø8	96		VAR.		VAR.	32064	125.9	
	3	ø16	34		470		470	15980	250.9	
	4	ø6.3	408		51		51	20808	51.5	
	5	ø16	34	70	93		163	5542	87.0	
							Total+10%:		589.9	
C8	6	ø16	4		VAR.		VAR.	1936	30.4	
	7	ø8	76		VAR.		VAR.	36784	144.4	
	8	ø16	25	75	398		473	11825	185.7	
	9	ø16	25	48	398		446	11150	175.1	
	10	ø6.3	475		51		51	24225	59.9	
							Total+10%:		655.1	
C9	11	ø16	4		VAR.		VAR.	1444	22.7	
	12	ø8	96		VAR.		VAR.	34656	136.0	
	13	ø16	36		470		470	16920	265.6	
	14	ø6.3	432		51		51	22032	54.5	
	15	ø16	36	70	93		163	5868	92.1	
							Total+10%:		628.0	
C23	16	ø16	4		VAR.		VAR.	1900	29.8	
	17	ø8	76		VAR.		VAR.	36100	141.7	
	18	ø16	24	48	398		446	10704	168.1	
	19	ø16	24	75	398		473	11352	178.2	
	20	ø6.3	456		51		51	23256	57.5	
							Total+10%:		632.8	
							ø6.3:		245.7	0.0
							ø8:		602.9	0.0
							ø16:		1657.2	0.0
							Total:		2505.8	0.0

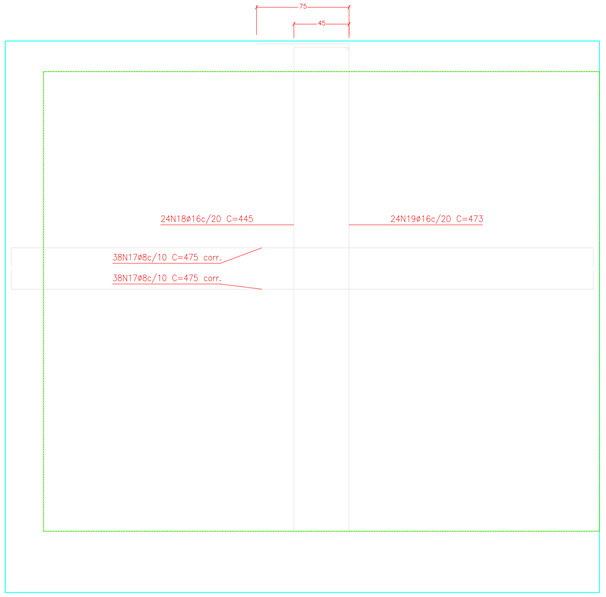
Escala: 1:25
ponte santo antonio



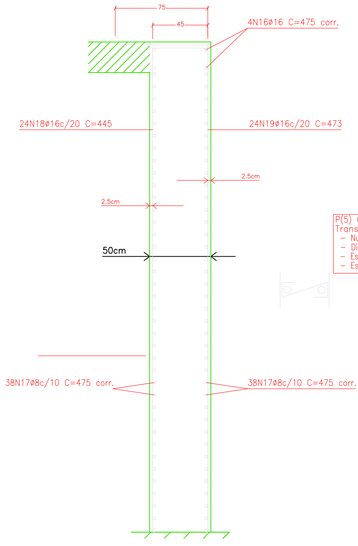
C8: Planta 1



P(5) Cortina/Alv. C8 Piso 0
Transversais:
- Num. Ramos: 1
- Diâmetro: ø6.3
- Esp. Vertical: 20 cm
- Esp. Horizontal: 20 cm



C23: Planta 1



P(5) Cortina/Alv. C23 Piso 0
Transversais:
- Num. Ramos: 1
- Diâmetro: ø6.3
- Esp. Vertical: 20 cm
- Esp. Horizontal: 20 cm

Carimbos

Quadro Técnico

Ronaldo Regalin	CREA/SC 036.714-0	Eng. Civil	Responsável Técnico
Bruno Regalin	CREA/SC 164.059-2	Eng. Civil	Responsável Técnico
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Bruno Regalin
Eng. Civil
CREA/SC 164.059-2

Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Proprietário

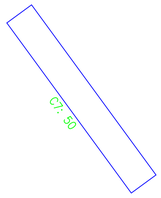
CIVILTEC
Soluções em Projeto de Infraestrutura
CIVILTEC ENGENHARIA LTDA

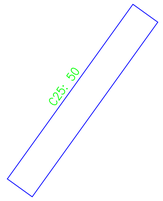
PROJETO CABECEIRAS DE PONTE
LINHA ALTO SANTO ANTONIO 02

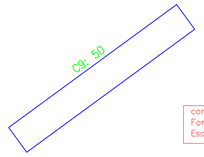
Proprietario: Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Conteúdo: Projeto de Contenções
Endereço da obra: Linha Alto Santo Antonio, Macieira/SC
Data: 28/04/2026
Escala: Indicada
Prancha: 003

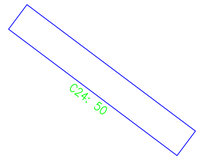
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R01







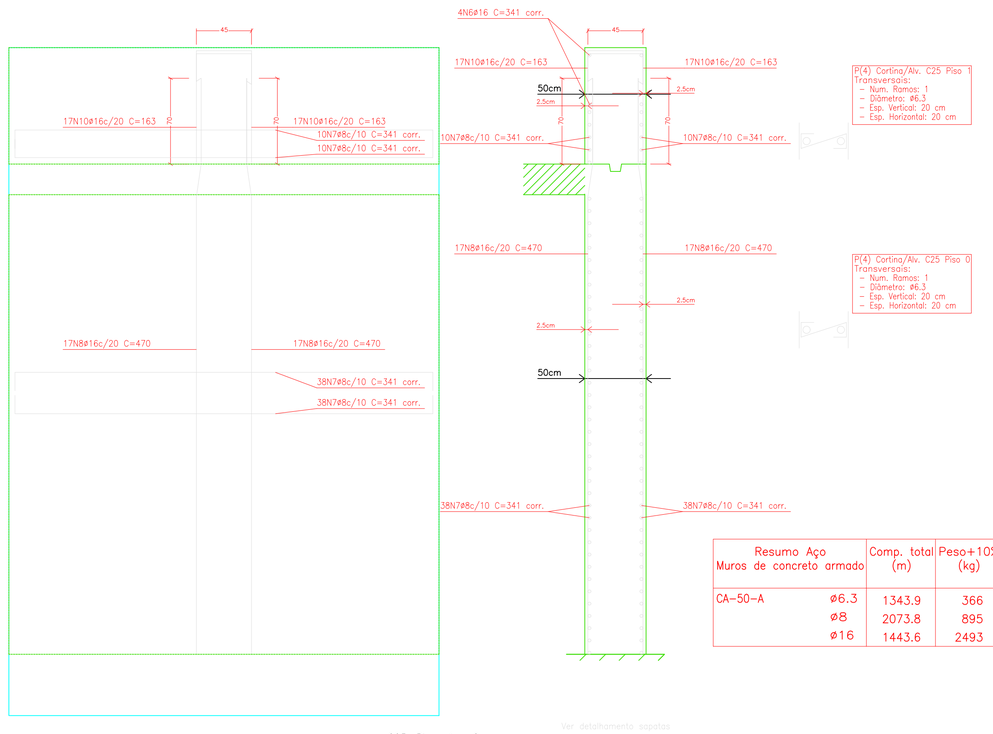


CONTENÇOES SUPERIOR

contencao
Formas
Escala: 1:50

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
C24	1	ø16	4		VAR.		VAR.	1460	22.9	
	2	ø8	96		VAR.		VAR.	35040	137.5	
	3	ø16	38		470		470	17860	280.4	
	4	ø6.3	456		51		51	23256	57.5	
	5	ø16	38	70	93		163	6194	97.2	
								Total+10%:	655.1	
C25	6	ø16	4		VAR.		VAR.	1364	21.4	
	7	ø8	96		VAR.		VAR.	32736	128.5	
	8	ø16	34		470		470	15980	250.9	
	9	ø6.3	408		51		51	20808	51.5	
	10	ø16	34	70	93		163	5542	87.0	
								Total+10%:	593.2	
								ø6.3:	119.9	0.0
								ø8:	292.6	0.0
								ø16:	835.8	0.0
								Total:	1248.3	0.0

C24: Pisos 1 a 2



C25: Pisos 1 a 2

Resumo Aço Muros de concreto armado		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	ø6.3	1343.9	366	
	ø8	2073.8	895	
	ø16	1443.6	2493	3754

Carimbos

Quadro Técnico

Ronaldo Regalin	CREA/SC 036.714-0	Eng. Civil	Responsável Técnico
Bruno Regalin	CREA/SC 164.059-2	Eng. Civil	Responsável Técnico
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Bruno Regalin
Eng. Civil
CREA/SC 164.059-2

Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Proprietário

CIVILTEC
Soluções em Projeto de Infraestrutura
CIVILTEC ENGENHARIA LTDA

PROJETO CABECEIRAS DE PONTE
LINHA ALTO SANTO ANTONIO 02

Proprietario: Município de Macieira
CPF/CNPJ: 95.992.020/0001-00
Conteúdo: Projeto de Contenções
Endereço da obra: Linha Alto Santo Antonio, Macieira/SC
Data: 28/04/2026
Escala: Indicada
Prancha: 003

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R01