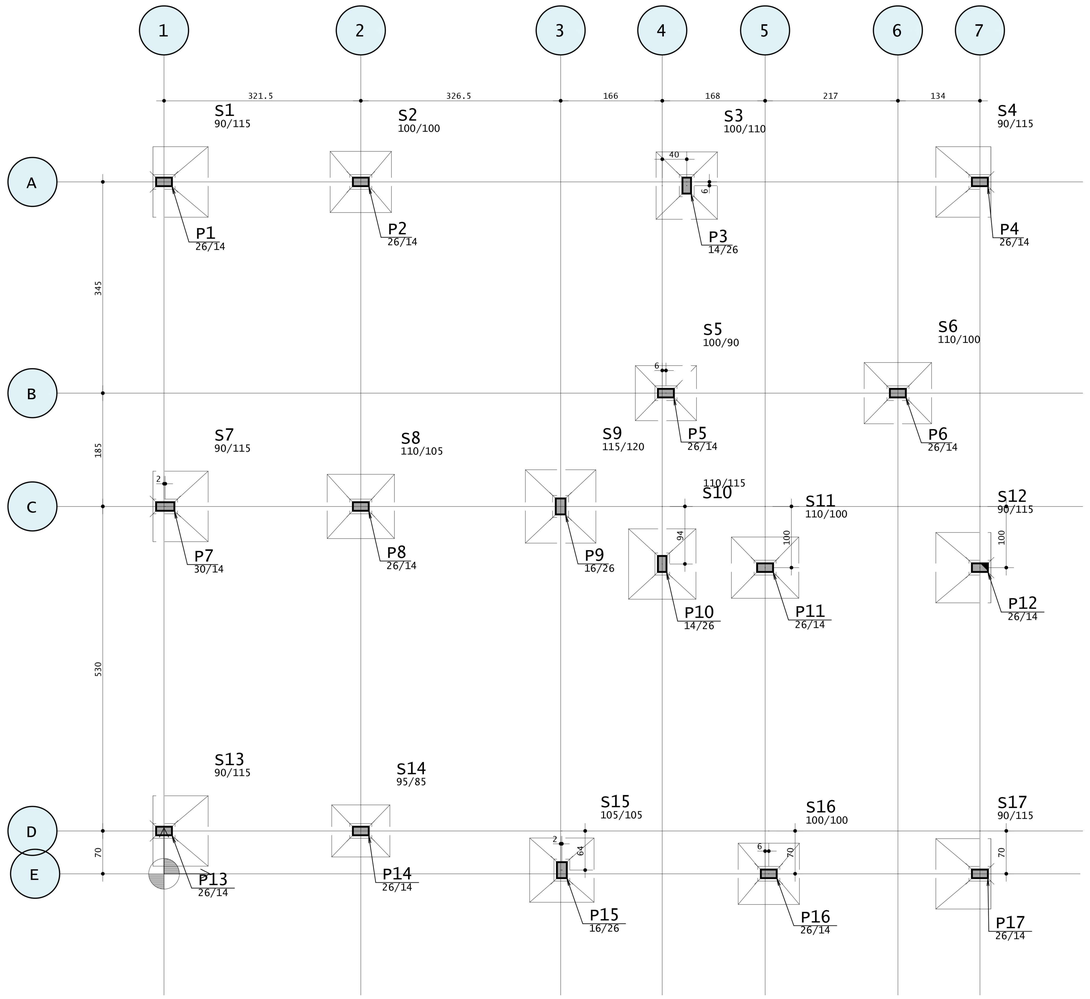


Baricentros de pilares		
Pilar	X cm	Y cm
P1	0.00	1130.00
P2	321.50	1130.00
P3	854.00	1124.00
P4	1333.00	1130.00
P5	820.00	785.00
P6	1199.00	785.00
P7	2.00	600.00
P8	321.50	600.00
P9	648.00	600.00
P10	814.00	506.00
P11	982.00	500.00
P12	1333.00	500.00
P13	0.00	70.00
P14	321.50	70.00
P15	650.00	6.00
P16	988.00	-0.00
P17	1333.00	-0.00

PLANTA DE LOCAÇÃO FUNDAÇÕES
ESCALA: 1/50

Desenho produzido por versão academica, proibido uso comercial

CARIMBOS PARA APROVAÇÃO

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
LOCAÇÃO FUNDAÇÕES

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-

ESCALA	DATA	REVISÃO
	-	-

ÁREAS (m²)

Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

ÍNDICES

Zoneamento	CA	TO (%)	TP (%)
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**67,84%**	**32,32%**

ARQUIVO

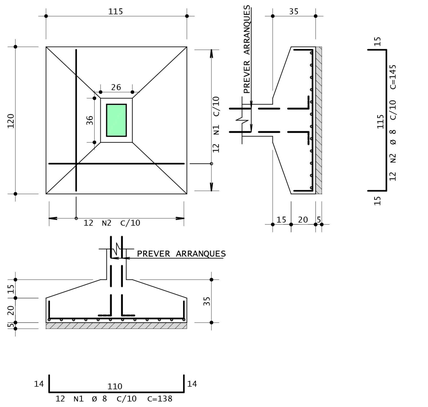
RESPONSÁVEL TÉCNICO

Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

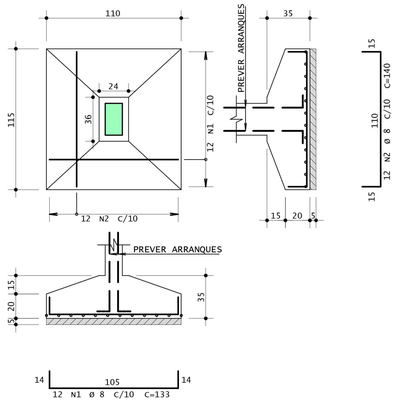
RESPONSÁVEL LEGAL

Prefeitura Municipal de Marmeleiro - PR

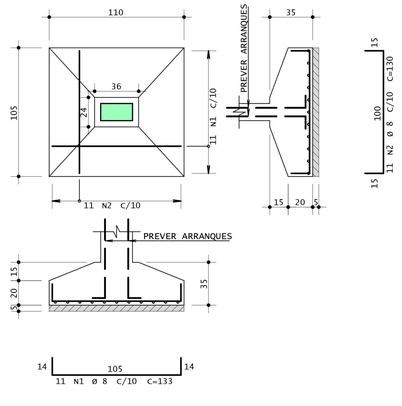
S9
(ESCALA 1:25)



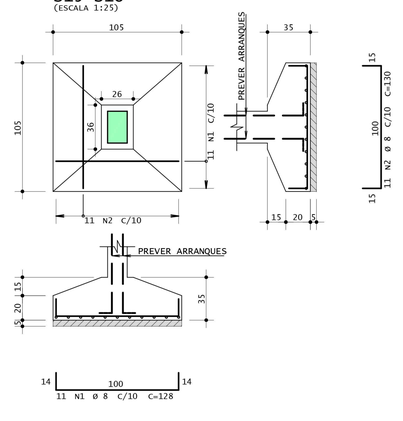
S10
(ESCALA 1:25)



S8
(ESCALA 1:25)



S15=S18
(ESCALA 1:25)



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
S1=S13=S17 (X3)					
50A	1	8	36	125	4500
50A	2	10	21	148	3108
S2=S16 (X2)					
50A	1	10	14	123	1722
50A	2	10	14	125	1750
S3=S6=S11 (X3)					
50A	1	8	33	123	4059
50A	2	8	30	135	4050
S4=S12 (X2)					
50A	1	8	22	115	2530
50A	2	10	14	138	1932
S5					
50A	1	8	9	125	1125
50A	2	10	7	113	791
S7					
50A	1	8	12	125	1500
50A	2	10	7	148	1036
S8					
50A	1	8	11	133	1463
50A	2	8	11	130	1430
S9					
50A	1	8	12	138	1656
50A	2	8	12	145	1740
S10					
50A	1	8	12	133	1596
50A	2	8	12	140	1680
S14					
50A	1	8	9	120	1080
50A	2	8	10	108	1080
S15=S18 (X2)					
50A	1	8	22	128	2816
50A	2	8	22	130	2860

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	8	352	139
50A	10	103	64
Peso Total	50A =		203 kgf

S3=S6=S11
(ESCALA 1:25)



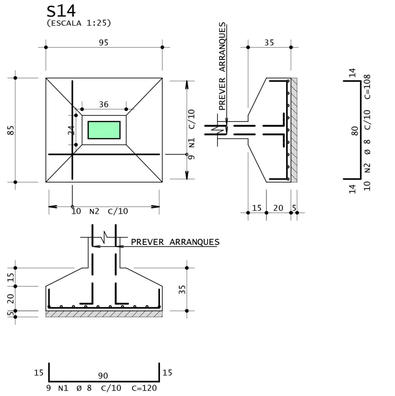
S2=S16
(ESCALA 1:25)

S5
(ESCALA 1:25)

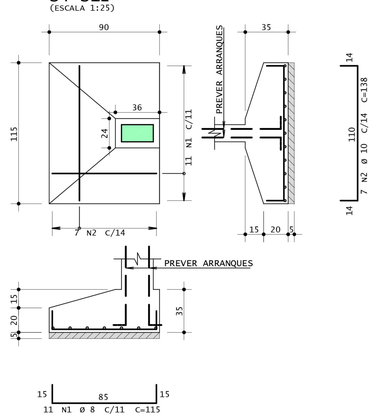
S1=S13=S17
(ESCALA 1:25)

CARIMBOS PARA APROVAÇÃO

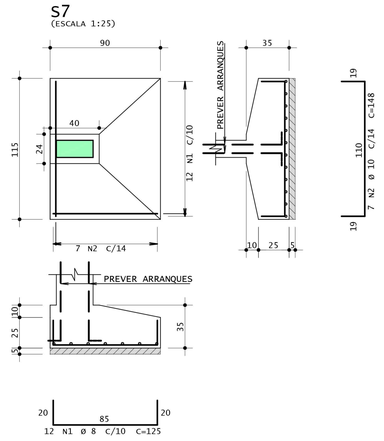
S14
(ESCALA 1:25)



S4=S12
(ESCALA 1:25)



S7
(ESCALA 1:25)



SAPATAS
ESCALA: 1/25

OBRA

MARMELEIRO 65 Anos — GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
DETALHAMENTO SAPATAS

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-

ESCALA	DATA	REVISÃO
	-	-

ÁREAS (m²)

Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

ÍNDICES

Zoneamento	CA	TO (%)	TP (%)
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)		147,36	69,83
Edificação	**0,67**	**67,84%**	**32,32%**

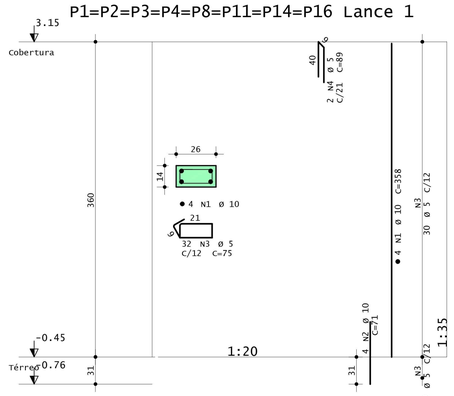
ARQUIVO

RESPONSÁVEL TÉCNICO
Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

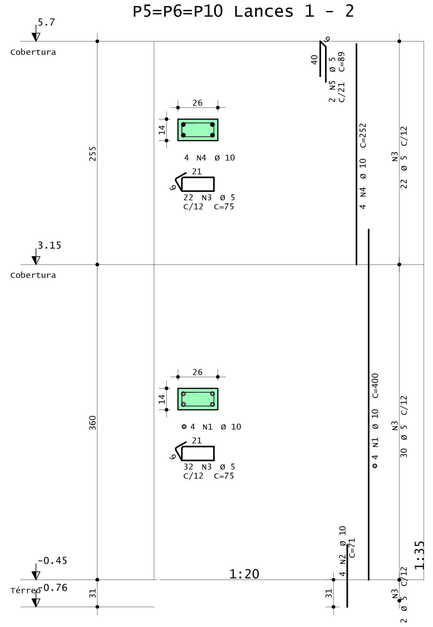
RESPONSÁVEL LEGAL
Prefeitura Municipal de Marmeleiro - PR

02
09

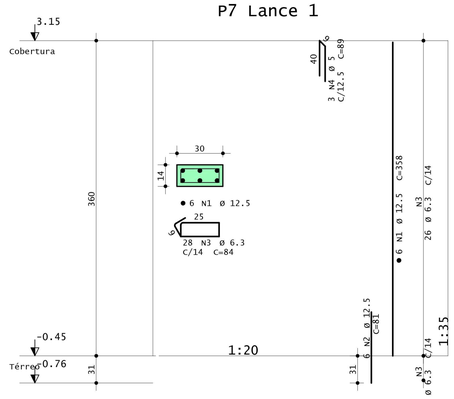
P1=P2=P3=P4=P8=P11=P14=P16 Lance 1



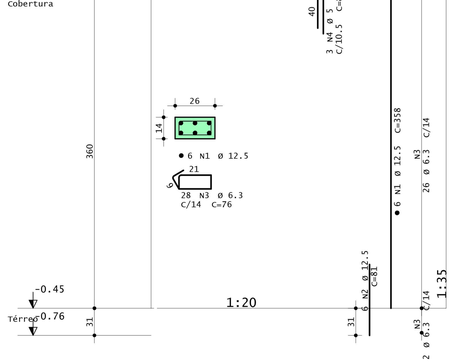
P5=P6=P10 Lances 1 - 2



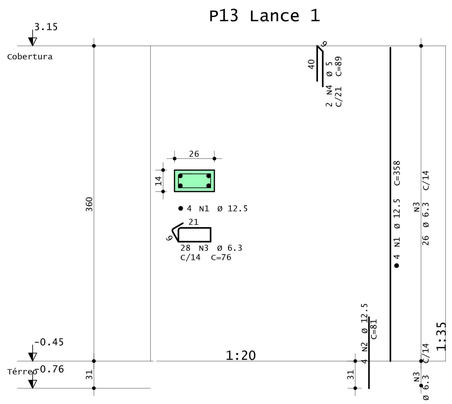
P7 Lance 1



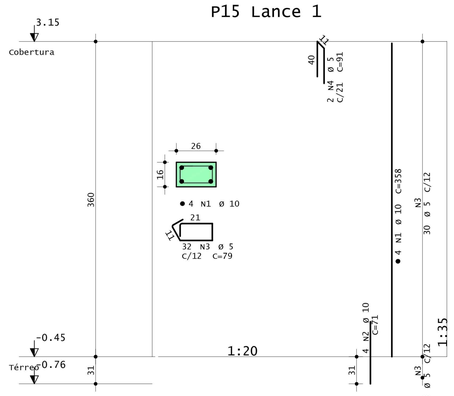
P12 Lance 1



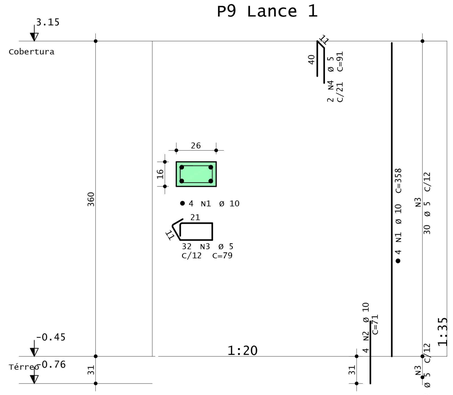
P13 Lance 1



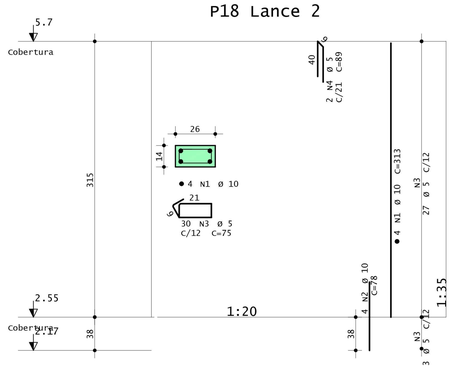
P15 Lance 1



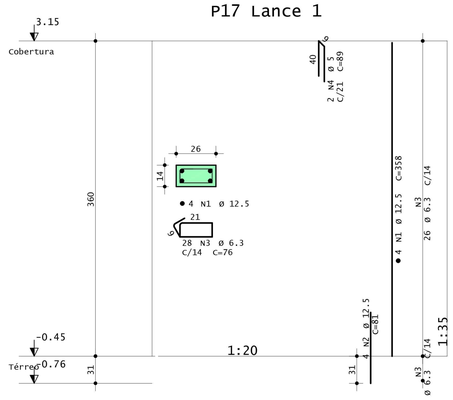
P9 Lance 1



P18 Lance 2



P17 Lance 1



AÇO	POS	BIT	QUANT	COMPRIMENTO	
		mm		UNIT cm	TOTAL cm
P1=P2=P3=P4=P8=P11=P14=P16 Lance 1 (X8)					
50A	1	10	32	358	11456
50A	2	10	32	71	2272
60A	3	5	256	75	19200
60A	4	5	16	89	1424
P5=P6=P10 Lances 1 - 2 (X3)					
50A	1	10	12	400	4800
50A	2	10	12	71	852
60A	3	5	162	75	12150
50A	4	10	12	252	3024
60A	5	5	6	89	534
P7 Lance 1					
50A	1	12.5	6	358	2148
50A	2	12.5	6	81	486
50A	3	6.3	28	84	2352
60A	4	5	3	89	267
P9 Lance 1					
50A	1	10	4	358	1432
50A	2	10	4	71	284
60A	3	5	32	79	2528
60A	4	5	2	91	182
P12 Lance 1					
50A	1	12.5	6	358	2148
50A	2	12.5	6	81	486
50A	3	6.3	28	76	2128
60A	4	5	3	89	267
P13 Lance 1					
50A	1	12.5	4	358	1432
50A	2	12.5	4	81	324
50A	3	6.3	28	76	2128
60A	4	5	2	89	178
P15 Lance 1					
50A	1	10	4	358	1432
50A	2	10	4	71	284
60A	3	5	32	79	2528
60A	4	5	2	91	182
P17 Lance 1					
50A	1	12.5	4	358	1432
50A	2	12.5	4	81	324
50A	3	6.3	28	76	2128
60A	4	5	2	89	178
P18 Lance 2					
50A	1	10	4	313	1252
50A	2	10	4	78	312
60A	3	5	30	75	2250
60A	4	5	2	89	178

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	420	65
50A	6.3	87	21
50A	10	274	169
50A	12.5	88	85
Peso Total	60A =		65 kgf
Peso Total	50A =		275 kgf

CARIMBOS PARA APROVAÇÃO

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
DETALHAMENTO PILARES

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-
ESCALA	**DATA**	**REVISÃO**
-	-	-

ÁREAS (m²)	
Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

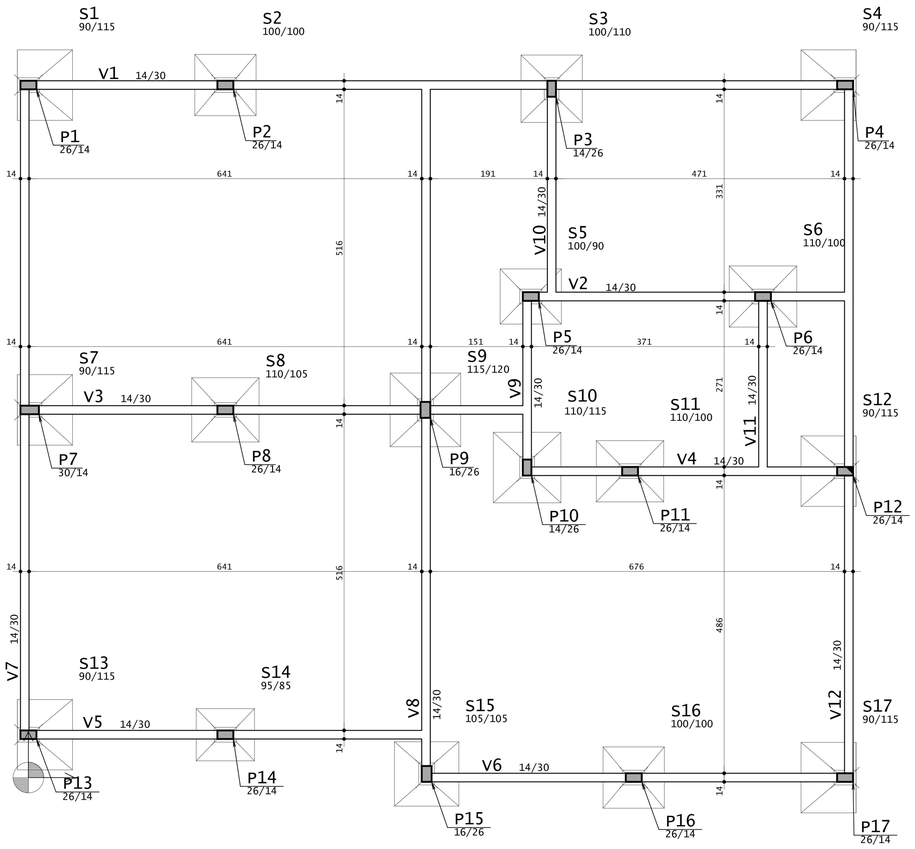
ÍNDICES			
Zoneamento	**CA**	**TO (%)**	**TP (%)**
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**67,84%**	**32,32%**

ARQUIVO

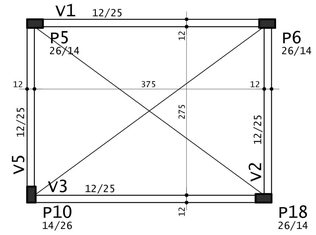
RESPONSÁVEL TÉCNICO
Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

RESPONSÁVEL LEGAL
Prefeitura Municipal de Marmeleiro - PR

PILARES
ESCALA: 1/35



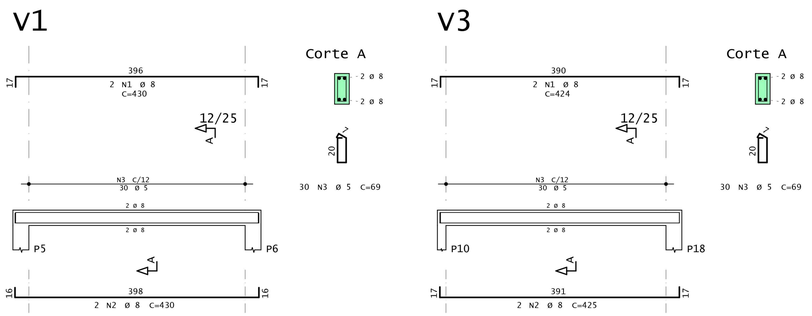
PLANTA DE FORMAS TÉRREO
ESCALA: 1/50

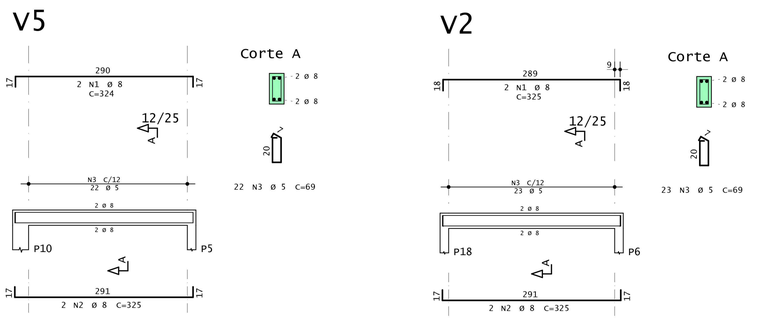


PLANTA DE FORMAS RESERVATÓRIO
ESCALA: 1/50

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V1					
50A	1	8	2	430	860
50A	2	8	2	430	860
60A	3	5	30	69	2070
V2					
50A	1	8	2	325	650
50A	2	8	2	325	650
60A	3	5	23	69	1587
V3					
50A	1	8	2	424	848
50A	2	8	2	425	850
60A	3	5	30	69	2070
V5					
50A	1	8	2	324	648
50A	2	8	2	325	650
60A	3	5	22	69	1518

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	72	11
50A	8	60	24
Peso Total	60A =		11 kgf
Peso Total	50A =		24 kgf





VIGAS RESERVATÓRIO
ESCALA: 1/50

CARIMBOS PARA APROVAÇÃO

OBRA

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
PLANTA DE FORMAS TÉRREO E RESERVATÓRIO / DETALHAMENTO VIGAS RESERVATÓRIO

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-
ESCALA	**DATA**	**REVISÃO**
	-	-

ARQUIVO

ÁREAS (m²)	
Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

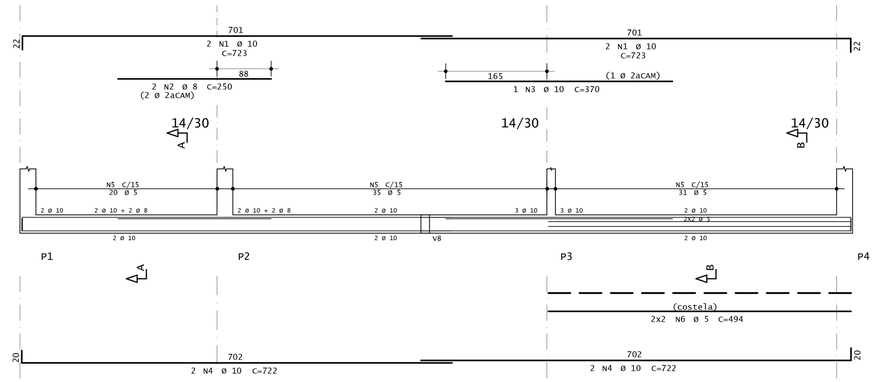
ÍNDICES			
Zoneamento	**CA**	**TO (%)**	**TP (%)**
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**47,84%**	**32,32%**

RESPONSÁVEL TÉCNICO
Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

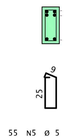
RESPONSÁVEL LEGAL
Prefeitura Municipal de Marmeleiro - PR

04
09

V1

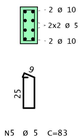


Corte A



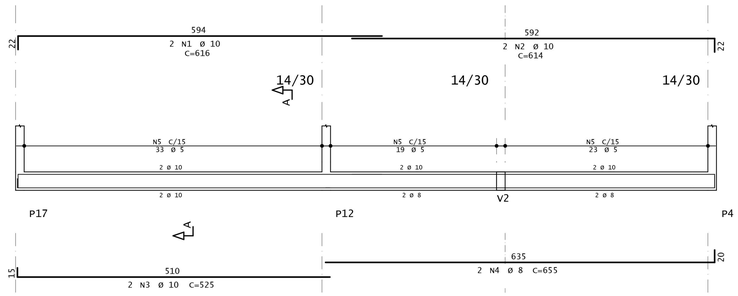
55 N5 Ø 5 C=83

Corte B

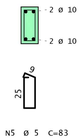


31 N5 Ø 5 C=83

V12



Corte A

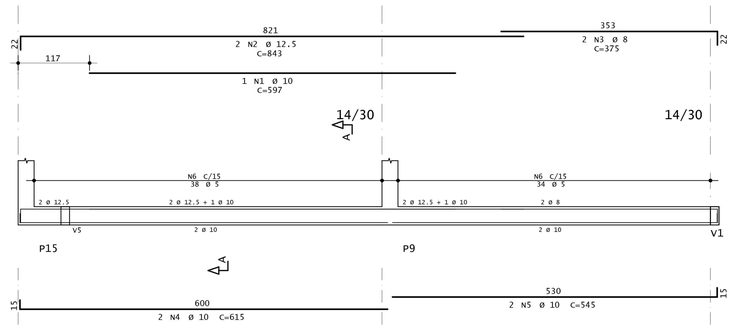


75 N5 Ø 5 C=83

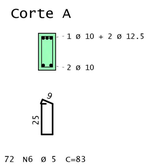
AÇO		POS	BIT	QUANT	COMPRIMENTO	
					UNIT	TOTAL
			mm		cm	cm
V1						
	50A	1	10	4	723	2892
	50A	2	8	2	250	500
	50A	3	10	1	370	370
	50A	4	10	4	722	2888
	60A	5	5	86	83	7138
	60A	6	5	4	494	1976
V2						
	50A	1	10	2	577	1154
	50A	2	10	1	245	245
	50A	3	8	2	570	1140
	60A	4	5	24	92	2208
	60A	5	5	9	83	747
	60A	6	5	2	403	806
V3						
	50A	1	10	2	873	1746
	50A	2	8	2	350	700
	50A	3	8	2	515	1030
	60A	4	5	52	83	4316
V4						
	50A	1	10	2	576	1152
	50A	2	10	1	130	130
	50A	3	8	2	190	380
	50A	4	8	2	375	750
	60A	5	5	32	83	2656
V5						
	50A	1	10	2	707	1414
	50A	2	8	4	350	1400
	60A	3	5	41	83	3403
V6						
	50A	1	10	2	741	1482
	50A	2	8	2	360	720
	50A	3	8	2	370	740
	60A	4	5	44	83	3652
V7						
	50A	1	10	2	1111	2222
	50A	2	10	1	155	155
	50A	3	10	2	1100	2200
	60A	4	5	70	83	5810
V8						
	50A	1	10	1	597	597
	50A	2	12.5	2	843	1686
	50A	3	8	2	375	750
	50A	4	10	2	615	1230
	50A	5	10	2	545	1090
	60A	6	5	72	83	5976
V9						
	50A	1	8	2	200	400
	50A	2	8	3	175	525
	50A	3	8	2	330	660
	60A	4	5	18	83	1494
V10						
	50A	1	8	2	395	790
	50A	2	8	2	390	780
	60A	3	5	22	83	1826
V11						
	50A	1	8	2	240	480
	50A	2	8	3	135	405
	50A	3	8	2	330	660
	60A	4	5	19	83	1577
V12						
	50A	1	10	2	616	1232
	50A	2	10	2	614	1228
	50A	3	10	2	525	1050
	50A	4	8	2	655	1310
	60A	5	5	75	83	6225

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	498	77
50A	8	141	56
50A	10	245	151
50A	12.5	17	16
Peso Total	60A =		77 kgf
Peso Total	50A =		223 kgf

V8

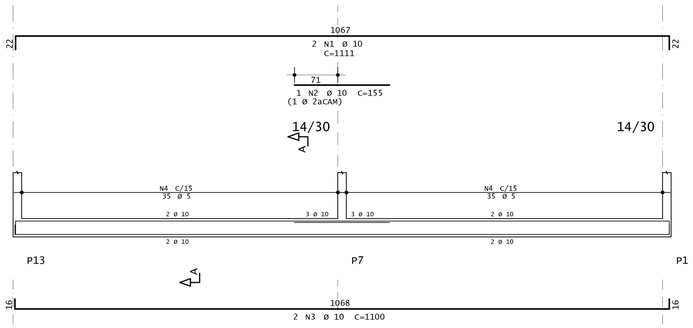


Corte A

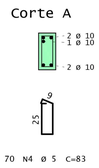


72 N6 Ø 5 C=83

V7

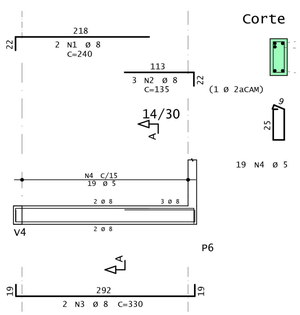


Corte A



70 N4 Ø 5 C=83

V11

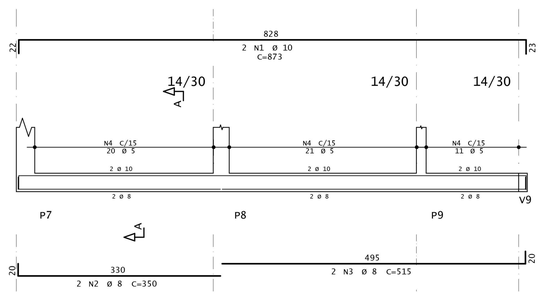


Corte

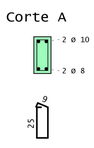
19 N4 Ø 5

CARIMBOS PARA APROVAÇÃO

V3

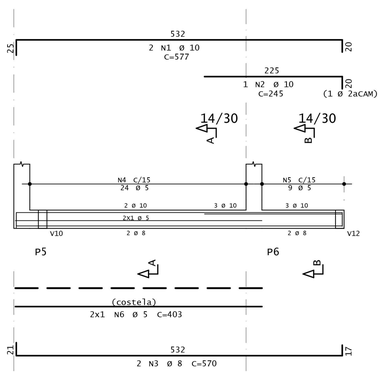


Corte A

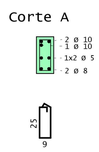


52 N4 Ø 5 C=83

V2

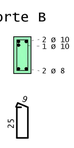


Corte A



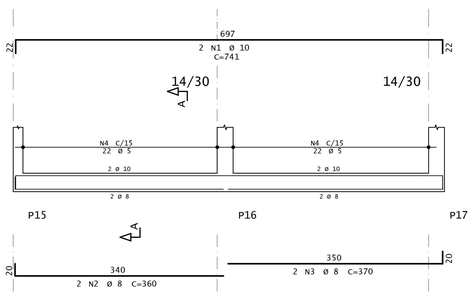
24 N4 Ø 5 C=92

Corte B

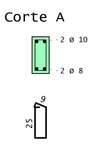


9 N5 Ø 5 C=83

V6

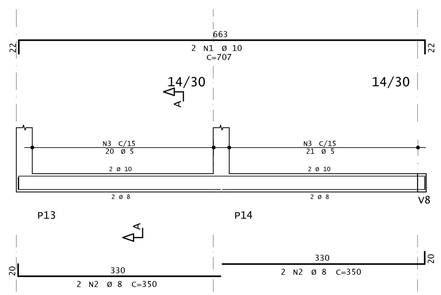


Corte A

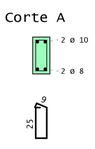


44 N4 Ø 5 C=83

V5

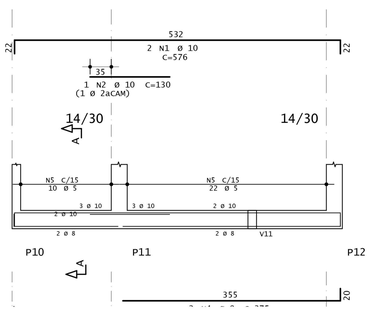


Corte A

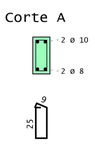


41 N3 Ø 5 C=83

V4

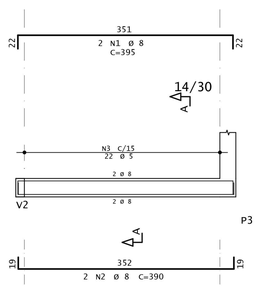


Corte A

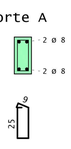


32 N5 Ø 5 C=83

V10

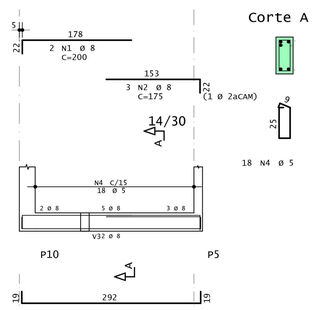


Corte A



22 N3 Ø 5 C=83

V9



Corte A

18 N4 Ø 5

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
DETALHAMENTO VIGAS PAVIMENTO TÉRREO

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-

ESCALA	DATA	REVISÃO
	-	-

ARQUIVO

ÁREAS (m²)	
Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

ÍNDICES			
Zoneamento	**CA**	**TO (%)**	**TP (%)**
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**67,84%**	**32,32%**

RESPONSÁVEL TÉCNICO

Arq. e Urb. Josel Carlos Trevisol
CAU A139932-2

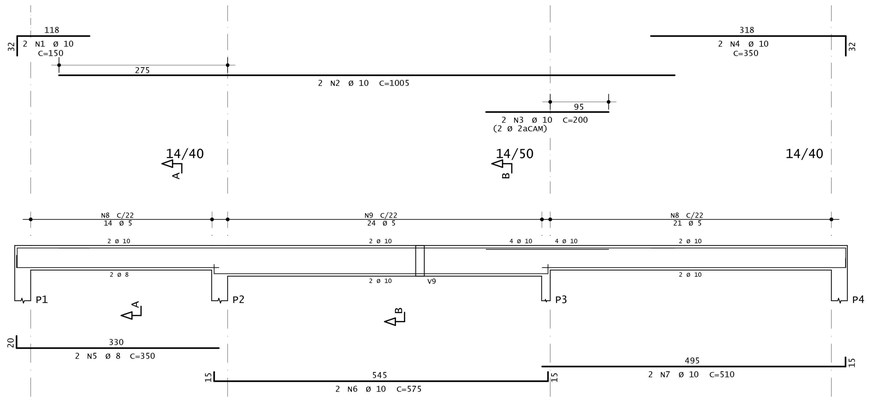
RESPONSÁVEL LEGAL

Prefeitura Municipal de Marmeleiro - PR

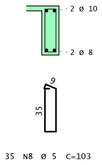
05
09

VIGAS PAVIMENTO TÉRREO
ESCALA: 1/50

v1

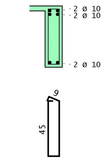


Corte A



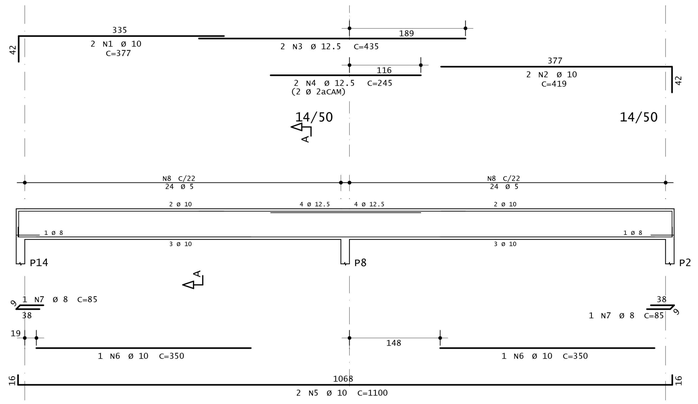
35 N8 Ø 5 C=103

Corte B

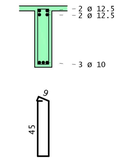


24 N9 Ø 5 C=123

v8



Corte A

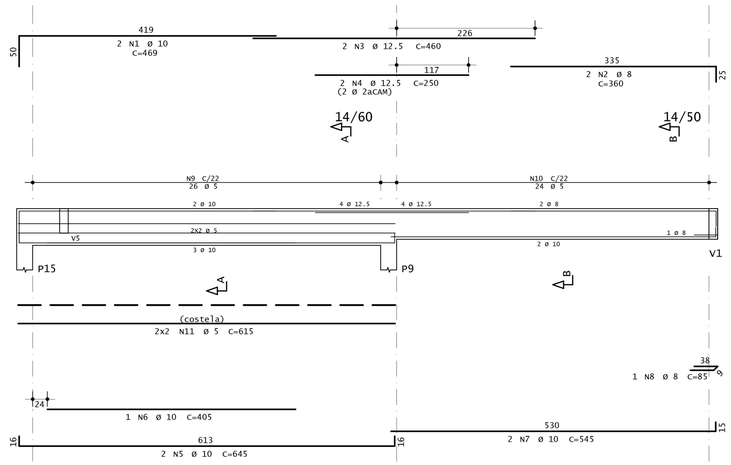


48 N8 Ø 5 C=123

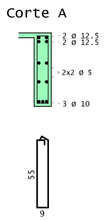
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V1					
50A	1	10	2	150	300
50A	2	10	2	1005	2010
50A	3	10	2	200	400
50A	4	10	2	350	700
50A	5	8	2	350	700
50A	6	10	2	575	1150
50A	7	10	2	510	1020
60A	8	5	35	103	3605
60A	9	5	24	123	2952
V3					
50A	1	10	2	872	1744
50A	2	8	2	350	700
50A	3	8	2	515	1030
60A	4	5	52	83	4316
V7					
50A	1	10	2	601	1202
50A	2	10	2	598	1196
50A	3	10	1	195	195
50A	4	10	2	1100	2200
60A	5	5	48	123	5904
V8					
50A	1	10	2	377	754
50A	2	10	2	419	838
50A	3	12.5	2	435	870
50A	4	12.5	2	245	490
50A	5	10	2	1100	2200
50A	6	10	2	350	700
50A	7	8	2	85	170
60A	8	5	48	123	5904
V9					
50A	1	10	2	469	938
50A	2	8	2	360	720
50A	3	12.5	2	460	920
50A	4	12.5	2	250	500
50A	5	10	2	645	1290
50A	6	10	1	405	405
50A	7	10	2	545	1090
50A	8	8	1	85	85
60A	9	5	26	152	3952
60A	10	5	24	123	2952
60A	11	5	4	615	2460
V11					
50A	1	10	3	190	570
50A	2	10	2	275	550
50A	3	10	1	160	160
50A	4	10	2	380	760
60A	5	5	15	103	1545
V13					
50A	1	8	2	350	700
50A	2	8	2	330	660
60A	3	5	13	103	1339
V14					
50A	1	10	2	626	1252
50A	2	10	2	623	1246
50A	3	10	2	525	1050
50A	4	10	1	340	340
50A	5	8	2	655	1310
50A	6	8	1	85	85
60A	7	5	52	103	5356

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	403	62
50A	8	62	24
50A	10	263	162
50A	12.5	28	27
Peso Total	60A =		62 kgf
Peso Total	50A =		213 kgf

v9

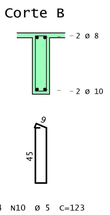


Corte A



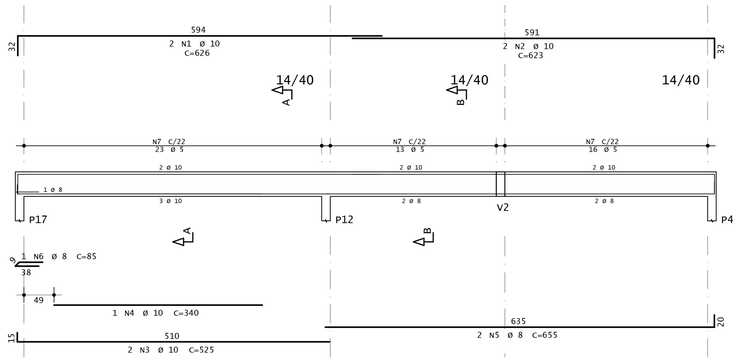
26 N9 Ø 5 C=152

Corte B

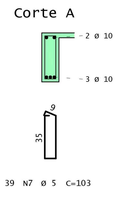


24 N10 Ø 5 C=123

v14

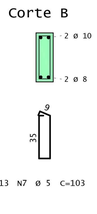


Corte A



39 N7 Ø 5 C=103

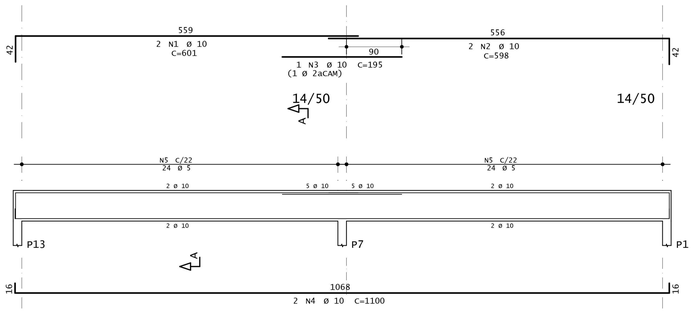
Corte B



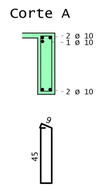
13 N7 Ø 5 C=103

CARIMBOS PARA APROVAÇÃO

v7

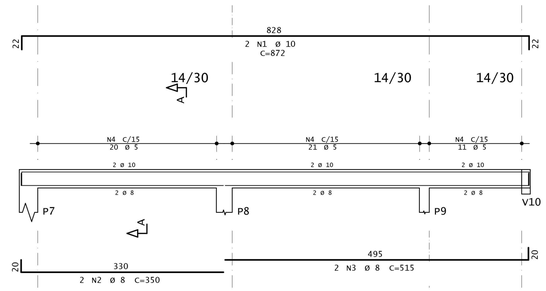


Corte A

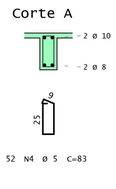


48 N5 Ø 5 C=123

v3

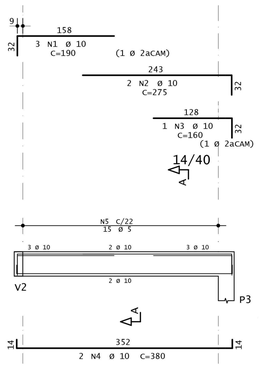


Corte A

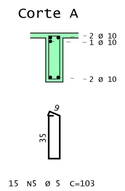


52 N4 Ø 5 C=83

v11

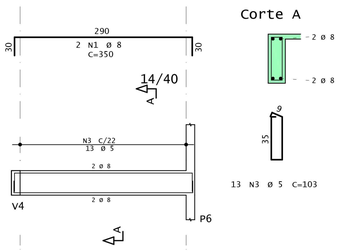


Corte A



15 N5 Ø 5 C=103

v13



Corte A

13 N3 Ø 5 C=103

VIGAS PAVIMENTO COBERTURA 01
ESCALA: 1/50

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
DETALHAMENTO VIGAS PAVIMENTO COBERTURA 01

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-

ESCALA	DATA	REVISÃO
	-	-

ÁREAS (m²)

Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

ÍNDICES

Zoneamento	CA	TO (%)	TP (%)
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**67,84%**	**32,32%**

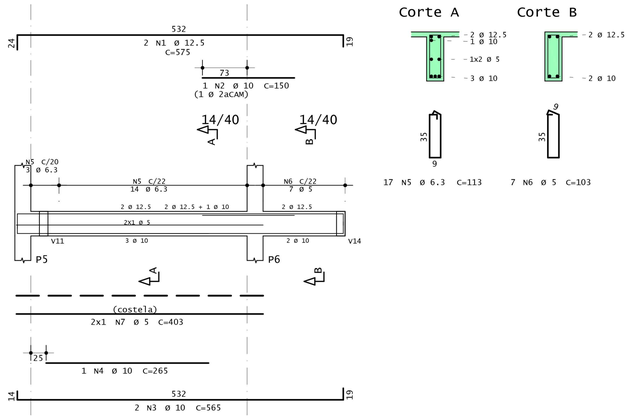
ARQUIVO

RESPONSÁVEL TÉCNICO
Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

RESPONSÁVEL LEGAL
Prefeitura Municipal de Marmeleiro - PR

06
09

v2



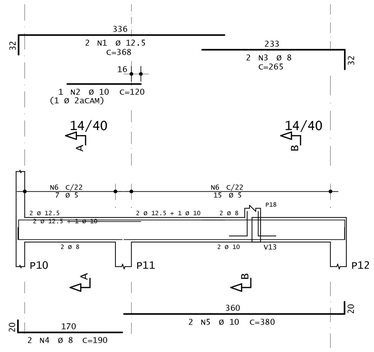
Corte A

Corte B

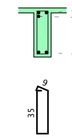
17 N5 Ø 6.3 C=113

7 N6 Ø 5 C=103

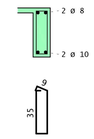
v4



Corte A



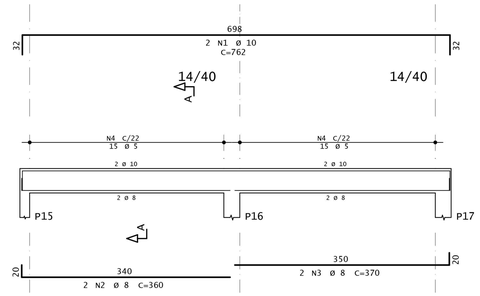
Corte B



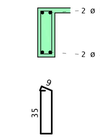
7 N6 Ø 5 C=103

15 N6 Ø 5 C=103

v6



Corte A



30 N4 Ø 5 C=103

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V2					
50A	1	12.5	2	575	1150
50A	2	10	1	150	150
50A	3	10	2	565	1130
50A	4	10	1	265	265
50A	5	6.3	17	113	1921
60A	6	5	7	103	721
60A	7	5	2	403	806
V4					
50A	1	12.5	2	368	736
50A	2	10	1	120	120
50A	3	8	2	265	530
50A	4	8	2	190	380
50A	5	10	2	380	760
60A	6	5	22	103	2266
V5					
50A	1	10	2	725	1450
50A	2	8	4	350	1400
60A	3	5	28	103	2884
V6					
50A	1	10	2	762	1524
50A	2	8	2	360	720
50A	3	8	2	370	740
60A	4	5	30	103	3090
V10					
50A	1	10	2	215	430
50A	2	10	3	180	540
50A	3	10	2	325	650
60A	4	5	12	103	1236
V12					
50A	1	10	2	589	1178
50A	2	12.5	2	545	1090
50A	3	12.5	1	400	400
50A	4	8	2	85	170
60A	5	5	23	123	2829

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	138	21
50A	6.3	19	5
50A	8	39	16
50A	10	82	51
50A	12.5	34	33
Peso Total	60A =		21 kgf
Peso Total	50A =		103 kgf

v5

Corte A

28 N3 Ø 5 C=103

v12

Corte A

23 N5 Ø 5 C=123

v10

Corte A

12 N4 Ø 5 C=103

VIGAS PAVIMENTO COBERTURA 02
ESCALA: 1/50

CARIMBOS PARA APROVAÇÃO

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
DETALHAMENTO VIGAS PAVIMENTO COBERTURA 02

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-
ESCALA	**DATA**	**REVISÃO**
	-	-

ÁREAS (m²)	
Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

ÍNDICES			
Zoneamento	**CA**	**TO (%)**	**TP (%)**
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)		147,36	69,83
Edificação	**0,67**	**67,84%**	**32,32%**

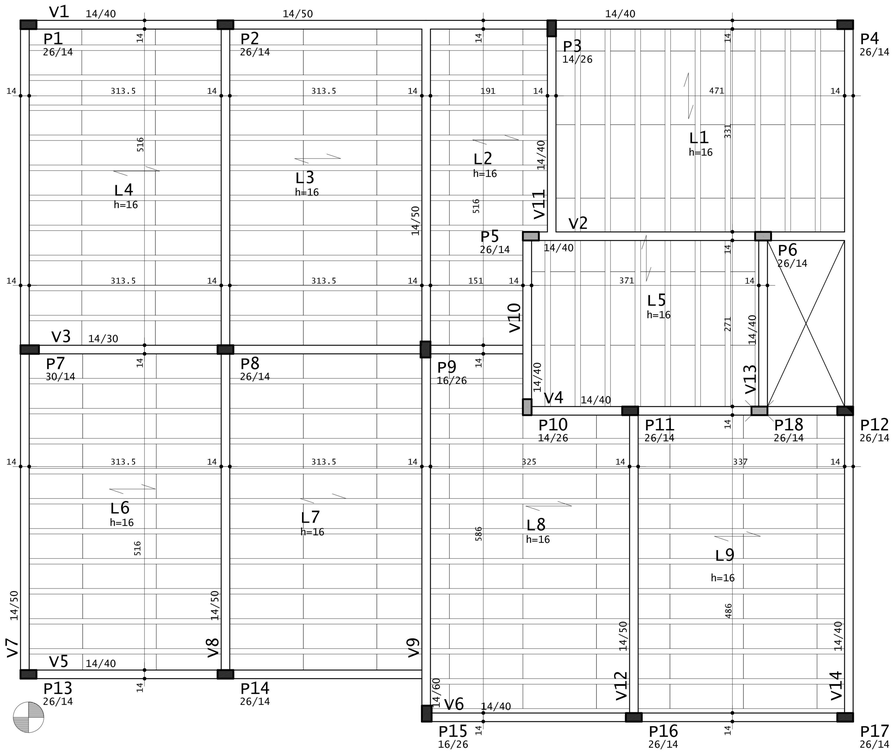
ARQUIVO
C:\Users\joelt\Desktop\Arquitetonico\Arquitetonico_2026_20_05.rvt

RESPONSÁVEL TÉCNICO

Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

RESPONSÁVEL LEGAL

Prefeitura Municipal de Marmeleiro - PR



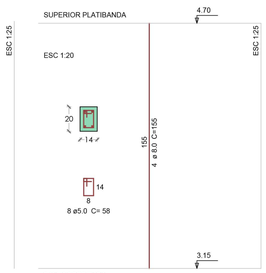
PLANTA DE FORMAS COBERTURA

ESCALA: 1/50

Tabela de Vigotas Treliçadas

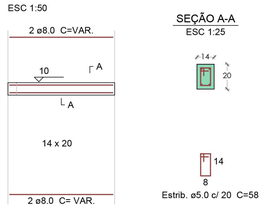
Dados			Vãos / Apoios				Armação Treliçada			Armadura Adicional (1)						Armadura Adicional (2)					
Laje	Vigota	No	LapE cm	Liv cm	LapD cm	Ltot cm	Treliça	Unit cm	Total cm	No bar	Ø mm	DE cm	DD cm	Unit cm	Total cm	No bar	Ø mm	DE cm	DD cm	Unit cm	Total cm
L1	VT1A	9	10	331	10	351	TR12645	351	3159	1	5	5	5	361	3249						
	VT2A	7	10	191	10	211	TR12645	211	1477												
L2	VT2B	3	10	151	10	171	TR12645	171	513												
L3	VT3A	10	10	313	10	333	TR12645	333	3335												
L4	VT4A	10	10	314	10	334	TR12645	334	3335	1	5	5	5	344	3435						
L5	VT5A	7	10	271	10	291	TR12645	291	2037												
L6	VT6A	10	10	313	10	333	TR12645	333	3335	1	5	5	5	343	3435						
L7	VT7A	10	10	313	10	333	TR12645	333	3335												
	VT8A	2	10	151	10	171	TR12645	171	342												
L8	VT8B	9	10	325	10	345	TR12645	345	3105												
L9	VT9A	9	10	337	10	357	TR12645	357	3213	1	5	5	5	367	3303						

P1=P2=P3=P4=P7=P12=P13=P14=P15=P16=P17
(DETALHE - PILARES PLATIBANDA)



DETALHE - VIGA SUP. PLAT.
(viga deve ser executada na face superior em todo o perímetro da platibanda)

ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação de blocos de enchimento

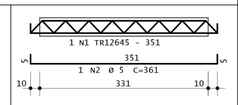
Legenda	Quant	Dimensões Larg cm	Dimensões Compr cm
EPS Unidirecional H12/40/120			
A	132	40	120
B	2	39	120
C	3	38	120
D	2	31	120
E	7	26	120
F	1	22	120
G	10	40	108
H	1	26	108
I	10	40	106
J	1	26	106
K	7	40	100
L	1	22	100
M	10	40	88
N	1	26	88
O	10	40	86
P	1	26	86
Q	20	40	74
R	2	26	74
S	8	40	55
T	1	39	55
U	1	31	55
V	9	40	54
W	1	38	54
X	9	40	52
Y	1	38	52
Z	7	40	51
BA	1	22	51
BB	9	40	45
BC	1	38	45
BD	6	40	40
BE	1	26	40
BF	8	40	36
BG	1	39	36
BH	1	31	36
BI	22	40	31
BJ	1	26	31

Estimativa de consumo de blocos

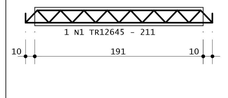
Fabricante	Inteiros	Cortados	Total
EPS Unidirecional H12/40/120	132	133	265

Projeto de fabricação de vigotas treliçadas
Sem escala

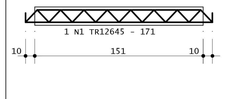
VT1A
L1
9 Unidades



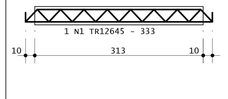
VT2A
L2
7 Unidades



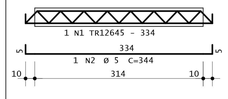
VT2B
L2
3 Unidades



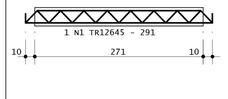
VT3A
L3
10 Unidades



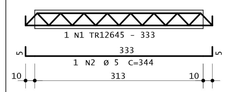
VT4A
L4
10 Unidades



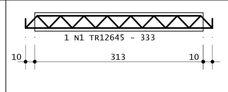
VT5A
L5
7 Unidades



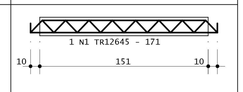
VT6A
L6
10 Unidades



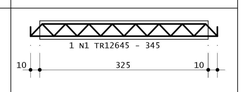
VT7A
L7
10 Unidades



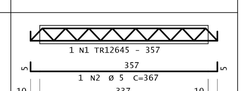
VT8A
L8
2 Unidades



VT8B
L8
9 Unidades



VT9A
L9
9 Unidades



PROJETO DE VIGOTAS

S/ ESCALA

AÇO	POS	BIT mm	QUANT	COMPRIMENTO UNIT cm	COMPRIMENTO TOTAL cm
VT1A (X9)					
TR12645	1		9	351	3159
60A	2	5	9	361	3249
VT2A (X7)					
TR12645	1		7	211	1477
VT2B (X3)					
TR12645	1		3	171	513
VT3A (X10)					
TR12645	1		10	333	3330
VT4A (X10)					
TR12645	1		10	334	3340
60A	2	5	10	344	3440
VT5A (X7)					
TR12645	1		7	291	2037
VT6A (X10)					
TR12645	1		10	333	3330
60A	2	5	10	343	3430
VT7A (X10)					
TR12645	1		10	333	3330
VT8A (X2)					
TR12645	1		2	171	342
VT8B (X9)					
TR12645	1		9	345	3105
VT9A (X9)					
TR12645	1		9	357	3213
60A	2	5	9	367	3303

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
TR12645		272	242
60A	5	134	21
Peso Total	TR12645 =		242 kgf
Peso Total	60A =		21 kgf

CARIMBOS PARA APROVAÇÃO

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
PLANTA DE FORMAS COBERTURA / PROJETO DE VIGOTAS

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE 05 | **QUADRA** 116 | **INSCRIÇÃO** -

ESCALA - | **DATA** - | **REVISÃO** -

ÁREAS (m²)

Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

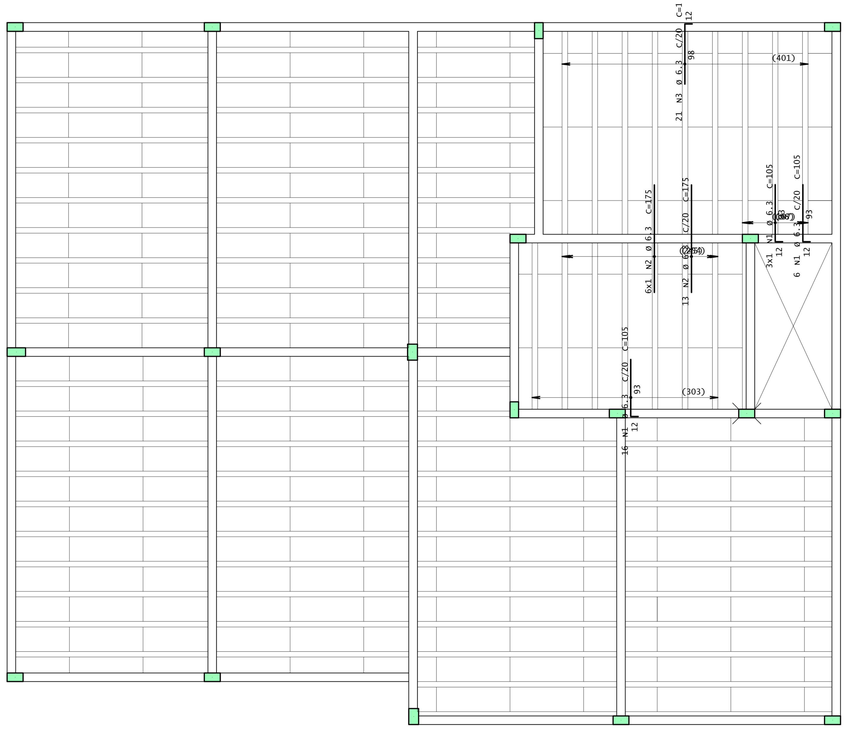
ÍNDICES

Zoneamento	CA	TO (%)	TP (%)
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**47,84%**	**32,32%**

ARQUIVO

RESPONSÁVEL TÉCNICO
Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

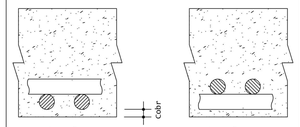
RESPONSÁVEL LEGAL
Prefeitura Municipal de Marmeleiro - PR



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Cobertura - Armadura negativa secundaria					
50A	1	6.3	25	105	2625
50A	2	6.3	19	175	3325
50A	3	6.3	21	110	2310

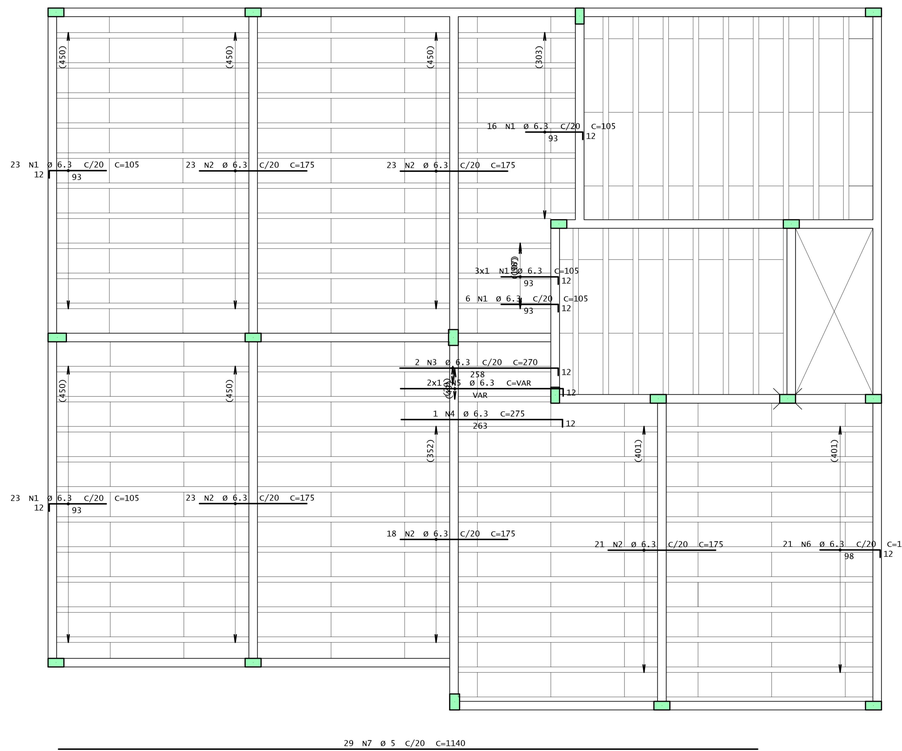
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	83	20
Peso Total	50A =		20 kgf

Detalhe genérico do alojamento
de armaduras positivas



ARMADURA NEGATIVA SECUNDÁRIA COBERTURA

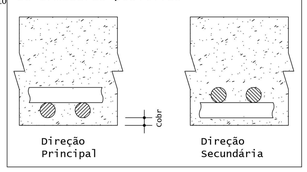
ESCALA: 1/50



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Cobertura - Armadura negativa principal					
50A	1	6.3	71	105	7455
50A	2	6.3	108	175	18900
50A	3	6.3	2	270	540
50A	4	6.3	1	275	275
50A	5	6.3	2	--VAR--	548
50A	6	6.3	21	110	2310
60A	7	5	29	1140	33060

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	331	51
50A	6.3	300	74
Peso Total	60A =		51 kgf
Peso Total	50A =		74 kgf

Detalhe genérico do alojamento
de armaduras positivas



ARMADURA NEGATIVA PRINCIPAL COBERTURA

ESCALA: 1/50

CARIMBOS PARA APROVAÇÃO

OBRA

MARMELEIRO 65 Anos GOVERNO MUNICIPAL

SALAS PARA CRECHE MUNICIPAL REGINA MULLER

PROJETO
PROJETO ESTRUTURAL

DESCRIÇÃO
PLANTA DE FORMAS COBERTURA / PROJETO DE VIGOTAS

PROPRIETÁRIO
Município de Marmeleiro - PR

ENDEREÇO
Rua São Leopoldo, Bairro Passarela, Marmeleiro - PR

LOTE	QUADRA	INSCRIÇÃO
05	116	-

ESCALA	DATA	REVISÃO
	-	-

ÁREAS (m²)

Área do Terreno	
Matrícula 6.421	217,19
Área Existente	0,000
Área a Regularizar	0,00
Área a Construir	147,36
Área a Demolir	0,00
TOTAL	**147,36**

ÍNDICES

Zoneamento	CA	TO (%)	TP (%)
ZR-1	2	70	20
Limites (m²)	434,38	152,03	
Base de cálculo (m²)	147,36	69,83	
Edificação	**0,67**	**47,84%**	**32,32%**

ARQUIVO
C:\Users\joelt\Desktop\Arquitetonico\Arquitetonico_2026_20_05.rvt

RESPONSÁVEL TÉCNICO

Arq. e Urb. Joel Carlos Trevisol
CAU A139932-2

RESPONSÁVEL LEGAL

Prefeitura Municipal de Marmeleiro - PR