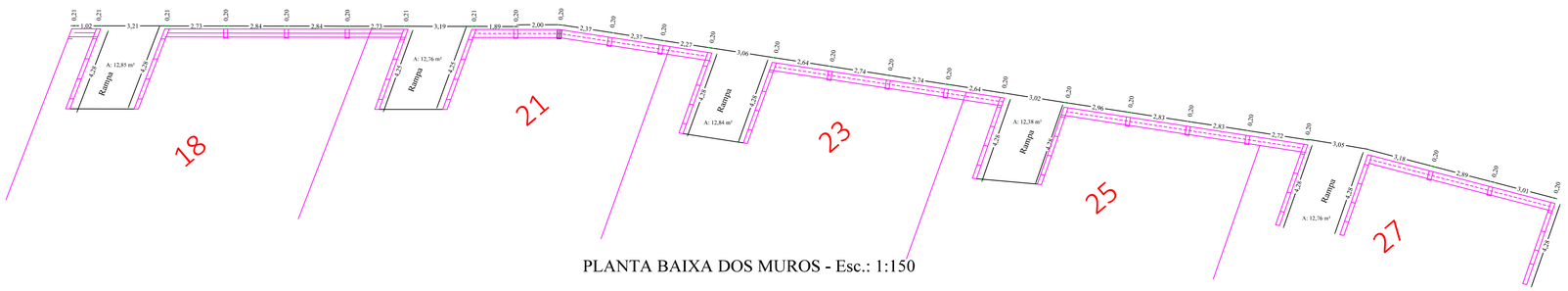
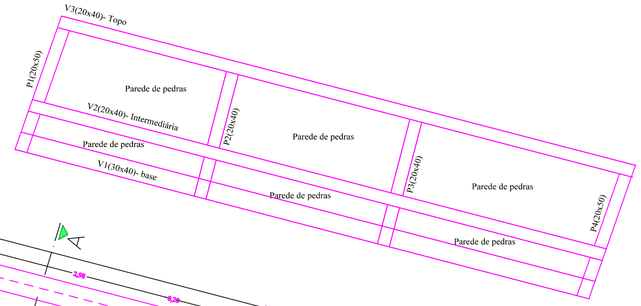
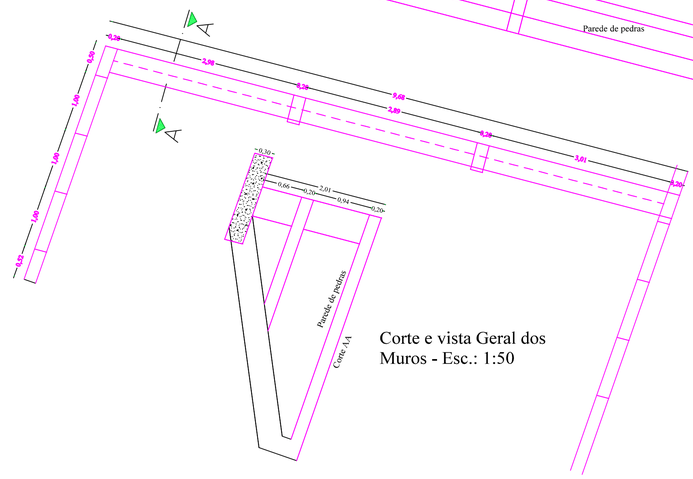


PLANTA BAIXA DOS MUROS - Esc.: 1:150

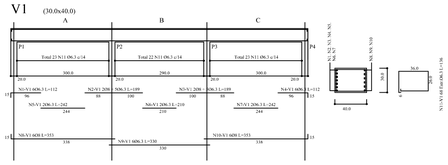




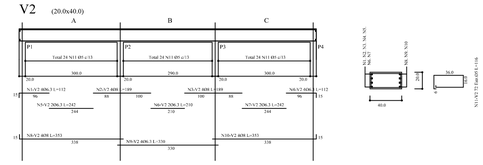
Corte e vista Geral dos Muros - Esc.: 1:50

VIGAS PARA MURO COM 4 APOIOS

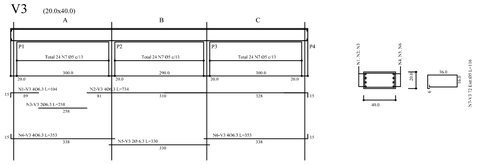
V1 (30.0x40.0)



V2 (20.0x40.0)



V3 (20.0x40.0)

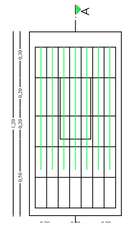


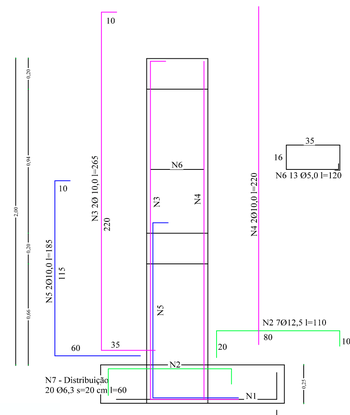
QUANTIDADE DE ACO		
Ø	m	kg
CA- 50 A		
6.3	364.1	65.6
4.0	93.3	36.8
CA-60 B		
5.0	567.0	23.7

OBSERVACOES
1) CONCRETO fck>= 25 MPa
2) ACO CA- 50 A e CA-60 B
3) VOLUME DE CONCRETO 2.5 m3
4) AREA DE FORMAS 27.6 m2

TABELA DE CORTE

Posicao	O mm	Quantidade	COMPRIMENTOS UNIT. cm	COMPRIMENTOS TOTAL cm
N1-V3	6.3	4	104	416
N2-V3	6.3	4	734	2936
N3-V3	6.3	2	258	516
N4-V3	6.3	4	333	1412
N5-V3	6.3	2	330	660
N6-V3	6.3	4	333	1412
N7-V3	5	72	116	8352
N1-V2	6.3	4	112	448
N2-V2	8	4	189	756
N3-V2	8	4	189	756
N4-V2	6.3	4	112	448
N5-V2	6.3	2	242	484
N6-V2	6.3	2	210	420
N7-V2	6.3	2	242	484
N8-V2	8	4	333	1412
N9-V2	6.3	4	330	1320
N10-V2	8	4	333	1412
N11-V2	5	72	116	8352
N1-V1	6.3	6	112	672
N2-V1	8	2	189	378
N3-V1	6.3	5	189	945
N4-V1	8	2	189	378
N5-V1	6.3	5	189	945
N6-V1	6.3	6	112	672
N7-V1	6.3	3	242	726
N8-V1	8	6	333	2118
N9-V1	6.3	6	330	1980
N10-V1	8	6	333	2118
N11-V1	6.3	68	116	9248



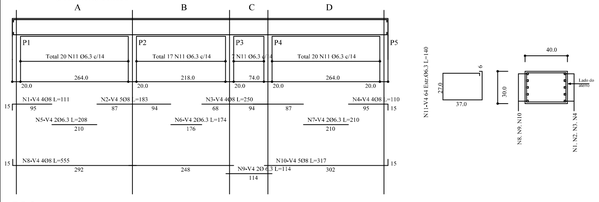


Leonardo Daniel Bonatto
CREA SC 880249

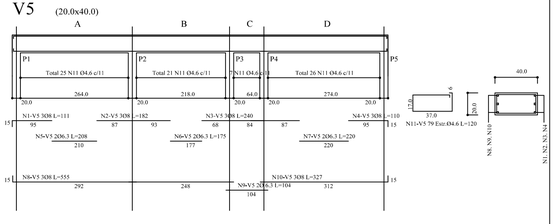
sapatas e Pilares

Vigas para os muros com 5 pilares

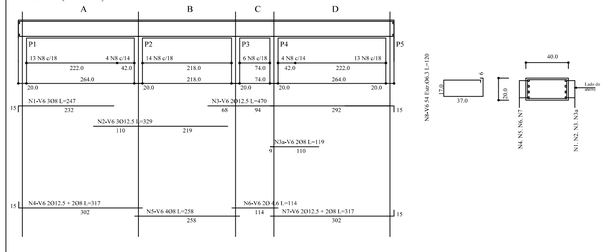
V4 (30.0x40.0)-deitada



V5 (20.0x40.0)



V6 (20.0x40.0)



QUANTIDADE DE ACO		
Ø	m	kg
CA- 50 A		
6.3	154.4	37.8
8.0	144.6	57.0
12.5	32.0	30.8
CA-60 B		
4.6	125.3	16.4

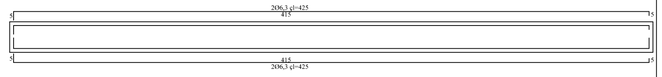
OBSERVACOES
1) CONCRETO fck>= 25.0 MPa
2) ACO CA- 50 A e CA-60 B
3) VOLUME DE CONCRETO 2.3 m3
4) AREA DE FORMAS 25.4 m2

TABELA DE CORTE

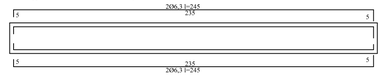
Posicao	O mm	Quantidade	COMPRIMENTOS UNIT. cm	COMPRIMENTOS TOTAL cm
N1-V4	8	4	111	444
N2-V4	8	5	183	915
N3-V4	8	4	250	1060
N4-V4	8	4	110	440
N5-V4	4.6	2	208	416
N6-V4	4.6	2	174	348
N7-V4	4.6	2	210	420
N8-V4	8	4	555	2220
N9-V4	4.6	2	114	228
N10-V4	8	5	317	1585
N11-V4	6.3	64	140	8960
N1-V5	8	3	111	333
N2-V5	8	3	182	546
N3-V5	8	3	240	720
N4-V5	8	3	110	330
N5-V5	4.6	2	208	416
N6-V5	4.6	2	175	350
N7-V5	4.6	2	220	440
N8-V5	8	3	555	1665
N9-V5	4.6	2	104	208
N10-V5	8	3	327	981
N11-V5	4.6	79	120	9480
N1-V6	8	3	247	741
N2-V6	12.5	3	329	987
N3-V6	12.5	2	470	940
N3a-V6	8	2	119	238
N4-V6	12.5	2	317	634
N4-V6	8	2	317	634
N5-V6	8	4	258	1032
N6-V6	4.6	2	114	228
N7-V6	12.5	2	317	634
N7-V6	8	2	317	634
N8-V6	6.3	54	120	6480

VIGAS DOS CONTRAFORTES

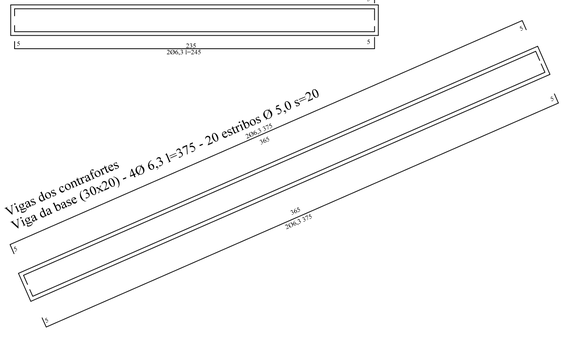
Vigas dos contrafortes
Viga do topo (20x20) - 4Ø 6,3 l=425 - 20 estribos Ø 5,0 s=20 l=74



Vigas dos contrafortes
Viga intermediária (20x20) - 4Ø 6,3 l=245 - 12 estribos Ø 5,0 s=20



Vigas dos contrafortes
Viga da base (50x20) - 4Ø 6,3 l=375 - 20 estribos Ø 5,0 s=20



Projeto: RESIDÊNCIA HABITACIONAL URBANA - FNHIS - AMPLIAÇÃO - Muros

Localização: Lote nº da Quadra G1 - Barra do Rio Azul

Discriminação:

- Murro de Arrimo - planta baixa
- Murro de Arrimo Corte Geral
- Vigas de pilares

Prancha: 02

ANDERSON FERNANDO BAGATINI:01862614032
Assinado de forma digital por ANDERSON FERNANDO BAGATINI:01862614032
Dados: 2026.09.01 08:53:30 -03'00'

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LEONARDO DANIEL BONATTO
Data: 01/09/2026 13:12:13-0300
Verifique em https://validar.iti.gov.br

ANDERSON FERNANDO BAGATINI
Prefeito Municipal

Eng.Civil. Leonardo Daniel Bonatto
CREA SC 880249