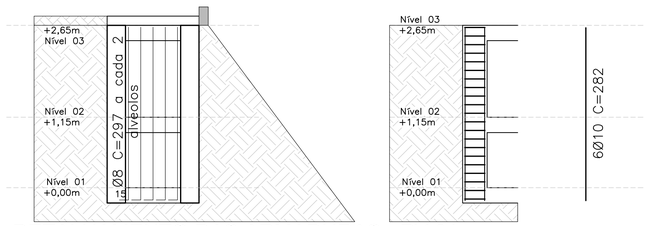
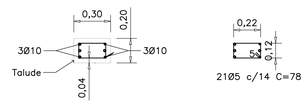


VISTA SUPERIOR DA ÁREA DE INTERVENÇÃO
Esc: 1/500

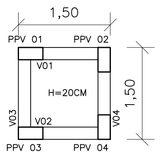


DETALHAMENTO DAS ARMADURAS - PV 01
Esc: 1/50

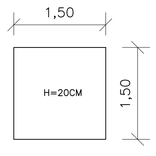


ESTRIBO DOS PILARES - PV 01
Esc: 1/25

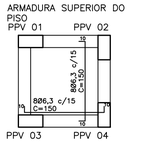
DETALHAMENTO DO PISO



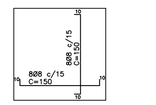
DETALHAMENTO DA TAMPA DO PV LOCALIZADO NA RUA



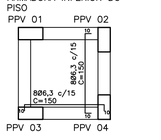
ARMADURA SUPERIOR DO PISO



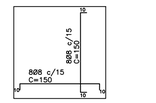
ARMADURA SUPERIOR DO TAMPA



ARMADURA INFERIOR DO PISO

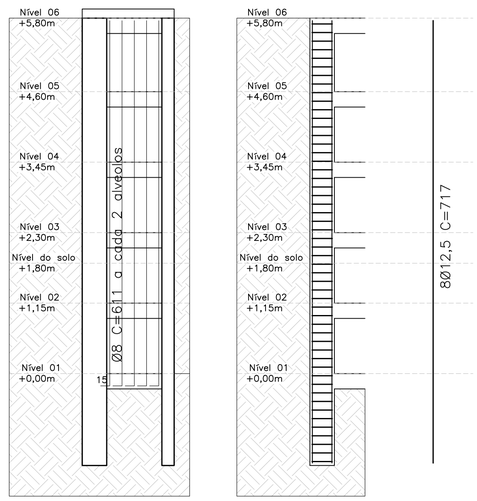


ARMADURA INFERIOR DO TAMPA



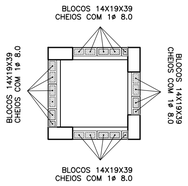
DETALHAMENTO VIGAS, TAMPA E FUNDO - PV 01
Esc: 1/50

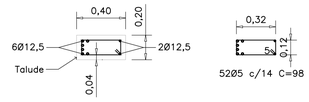
PPV 01, 02, 03 e 04



DETALHAMENTO DAS ARMADURAS - PV 02
Esc: 1/50

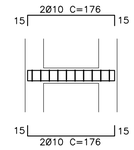
DETALHAMENTO DA ALVENARIA DE BLOCOS CHEIOS

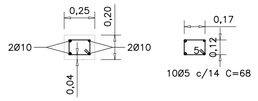




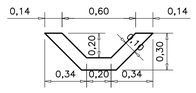
ESTRIBO DOS PILARES - PV 02
Esc: 1/25

V01, 02, 03, 04
REPETIDO POR 3 NÍVEIS





ESTRIBO DAS VIGAS - PV 01
Esc: 1/25

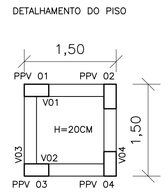


DETALHAMENTO CANALETA
Esc: 1/25

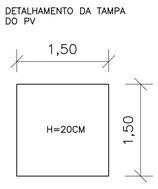
Consumos médios

Escavação	m3/m	0,1749
Apiloamento	m2/m	1,1314
Concreto fck>= 20MPa	m3/m	0,0949
Guia de Madeira	m/m	0,5657
Argamassa de cimento e areia	m3/m	0,0001

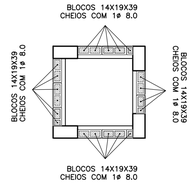
DETALHAMENTO DO PISO



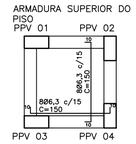
DETALHAMENTO DA TAMPA DO PV



DETALHAMENTO DA ALVENARIA DE BLOCOS CHEIOS



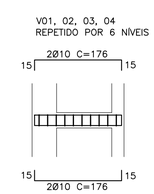
ARMADURA SUPERIOR DO PISO



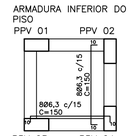
ARMADURA SUPERIOR DO TAMPA



V01, 02, 03, 04
REPETIDO POR 6 NÍVEIS



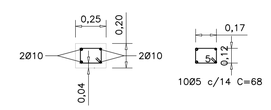
ARMADURA INFERIOR DO PISO



ARMADURA INFERIOR DO TAMPA



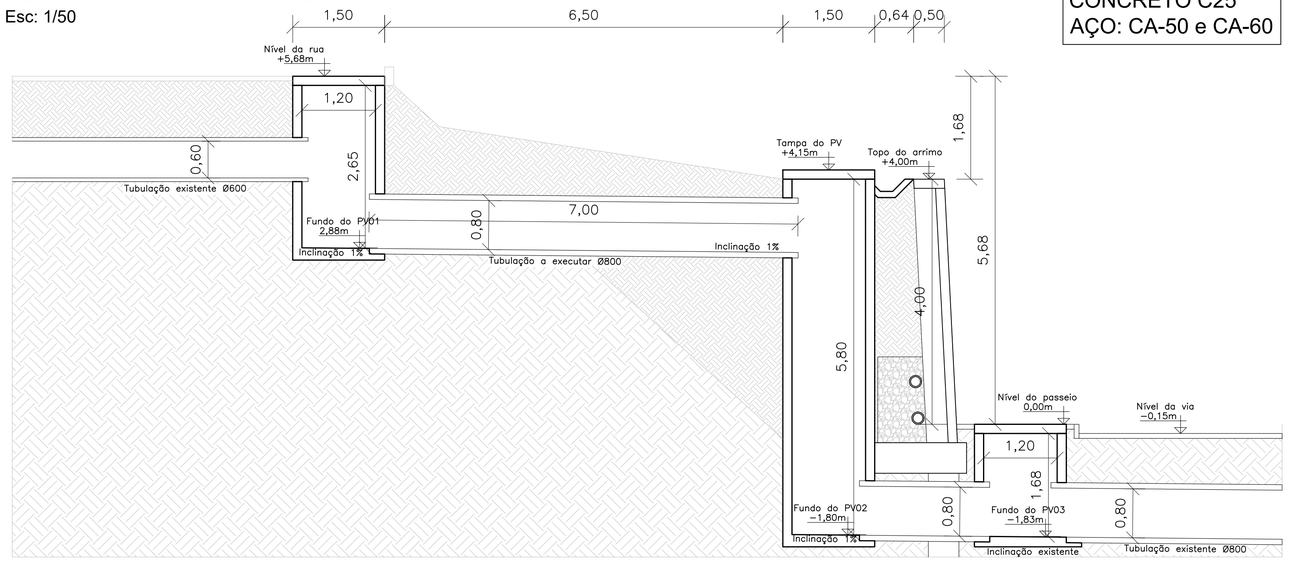
DETALHAMENTO VIGAS, TAMPA E FUNDO - PV 02
Esc: 1/50



ESTRIBO DAS VIGAS - PV 02
Esc: 1/25

CONCRETO C25
AÇO: CA-50 e CA-60

CORTE LATERAL DA DRENAGEM
Esc: 1/50



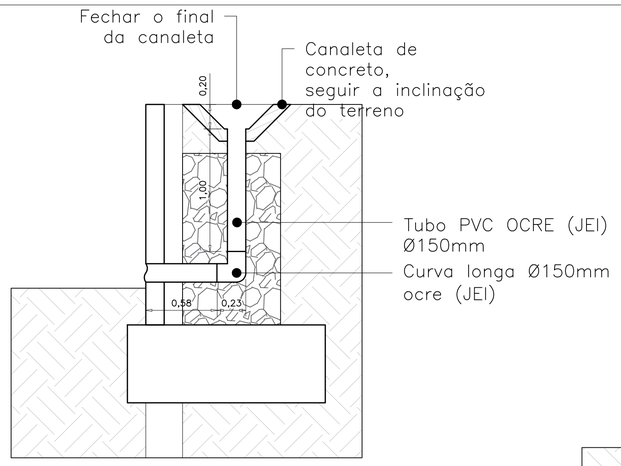
Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		1
Proprietário:		Qt Pranchas: 1	
Prefeitura Municipal de Venda Nova do Imigrante			A1

Engenheiro Civil
Eduardo Delfino Botacim
CREA - 48207/D

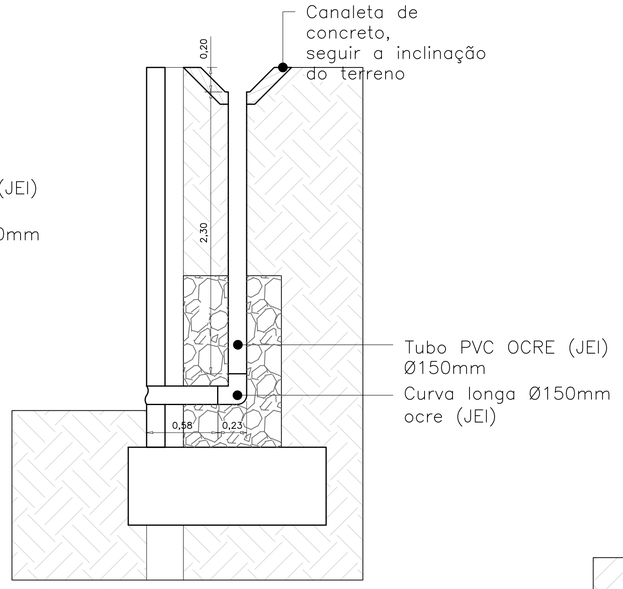
Eng. Civil Eduardo Delfino Botacim CREA: ES-48207/D

Protocolo: 251682026
Documento digital, verifique em: https://vendanova.essencialbpms.com.br/governo-digital.html#!/portal/
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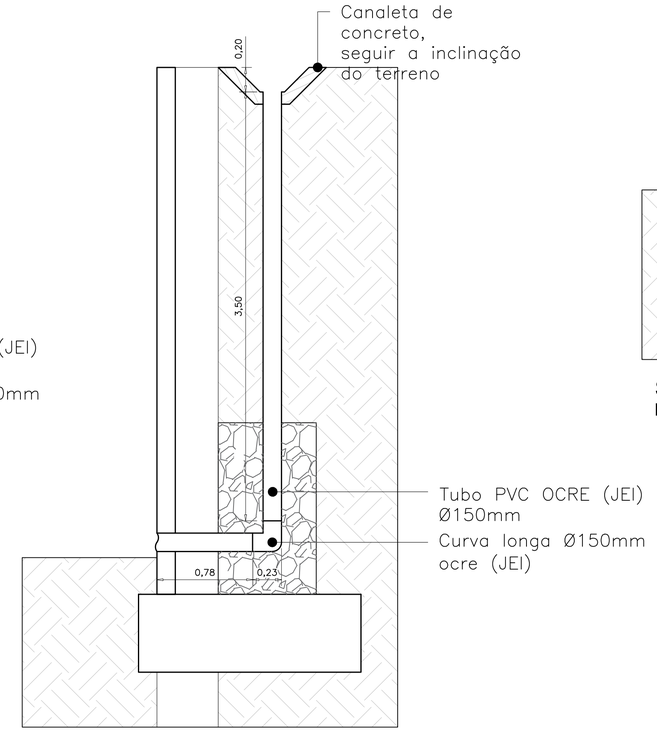
CONCRETO C25
AÇO: CA-50 e CA-60



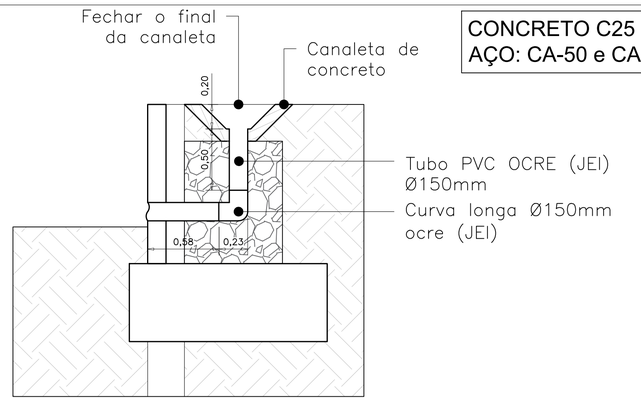
SAÍDA D'ÁGUA - PERFIL 01
Esc: 1/25



SAÍDA D'ÁGUA - PERFIL 02
Esc: 1/25

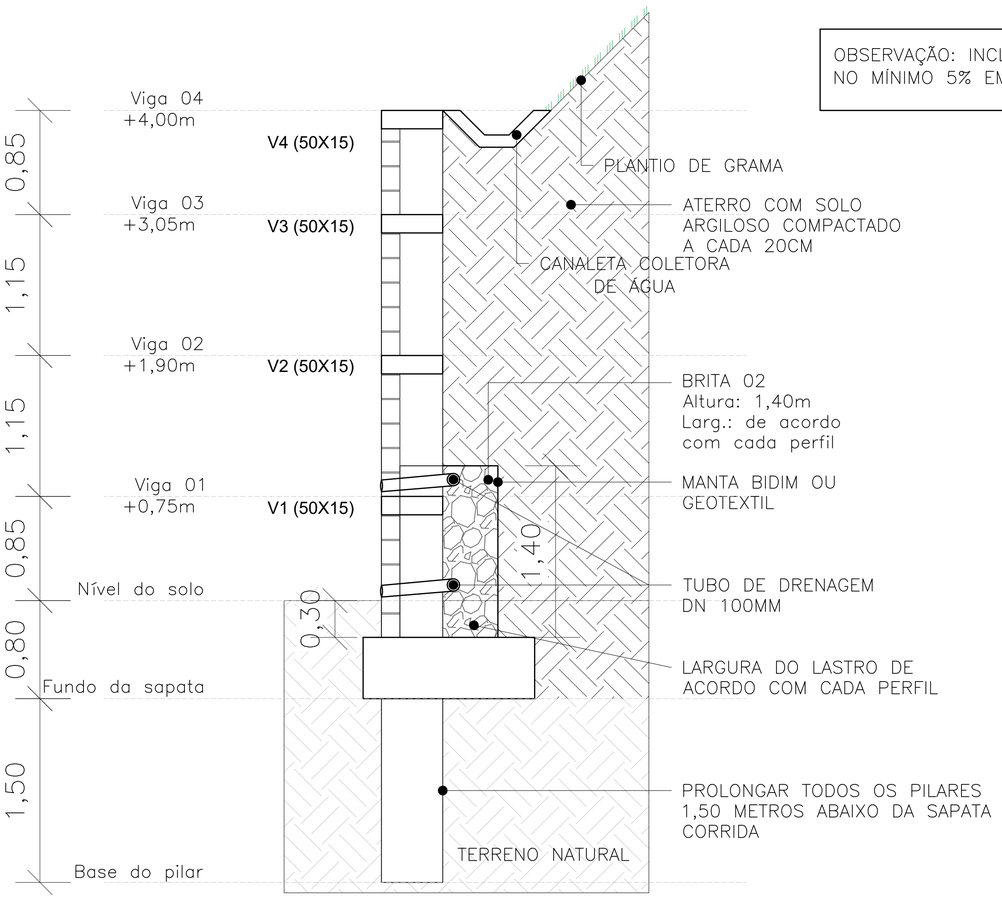


SAÍDA D'ÁGUA - PERFIL 03, 04, 05, 06, 07 e 08
Esc: 1/25



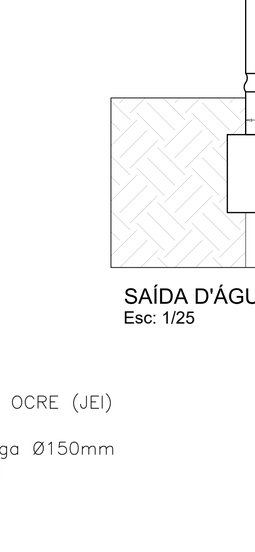
SAÍDA D'ÁGUA - PERFIL 09
Esc: 1/25

OBSERVAÇÃO: INCLINAR O MURO
NO MÍNIMO 5% EM DIREÇÃO AO TALUDE



CORTE LATERAL DO ARRIMO
Esc: 1/25

DETALHAMENTO VIGAS, TAMPA E FUNDO - PV 03
Esc: 1/50

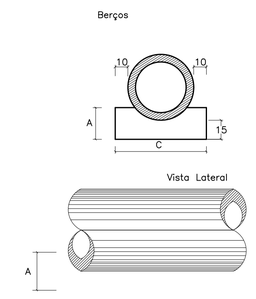


ESTRIBO DAS VIGAS - PV 03
Esc: 1/25



DETALHAMENTO DAS ARMADURAS - PV 03
Esc: 1/50

ESTRIBO DOS PILARES - PV 03
Esc: 1/25



QUANT. P/ M LINEAR DE BERÇO		
Diâmetro	Concreto (m^3)	Forma (Kg)
40	0,151	0,50
60	0,225	0,60
80	0,305	0,70
100	0,402	0,80
120	0,499	0,90
150	0,644	1,00

QUADRO DE DIMENSÕES (cm)		
Diâmetro	A	C
40	25	72
60	30	96
80	35	120
100	40	144
120	45	166
150	50	198

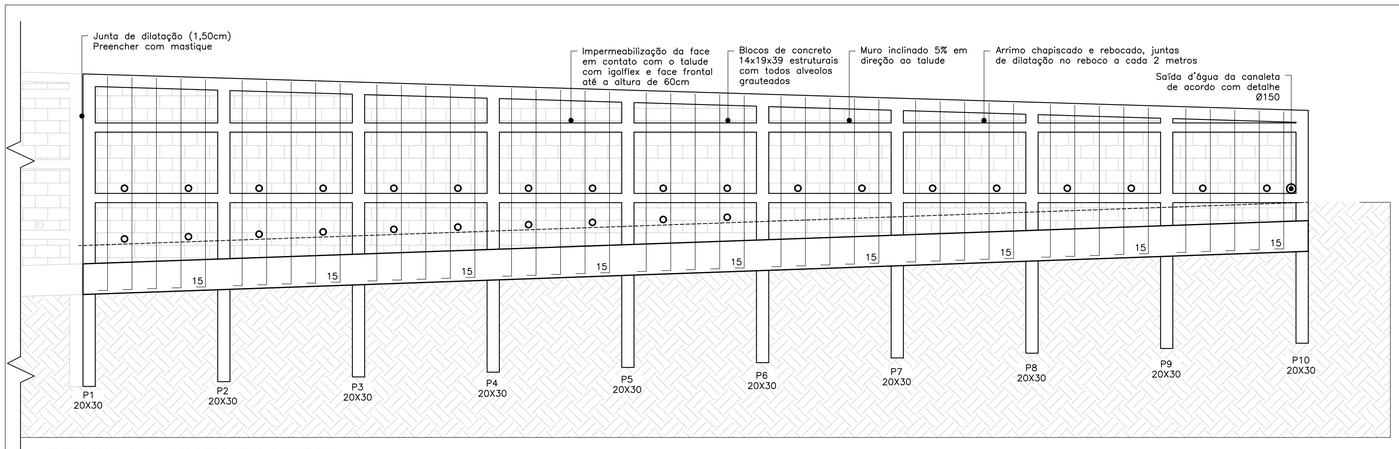
DETALHAMENTO DO BERÇO DOS TUBOS DE CONCRETO
Sem escala

Engenheiro Civil
Eduardo Delfino Botacim
CREA - 48207/D

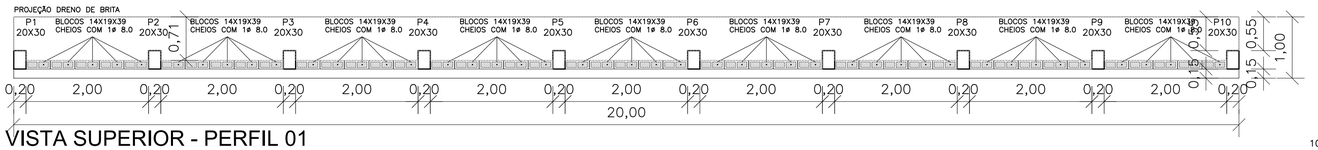
Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		2
Proprietário: Prefeitura Municipal de Venda Nova do Imigrante		Qt Pranchas: 9	A1

Eng. Civil Eduardo Delfino Botacim CREA: ES-48207/D

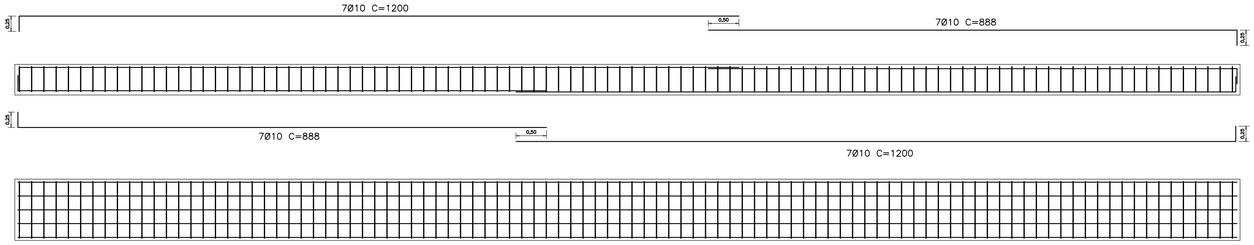
Protocolo: 251687/2026
Documento digital, verifique em: https://vendanova.essencialbpms.com.br/governo-digital.html#!/portal/
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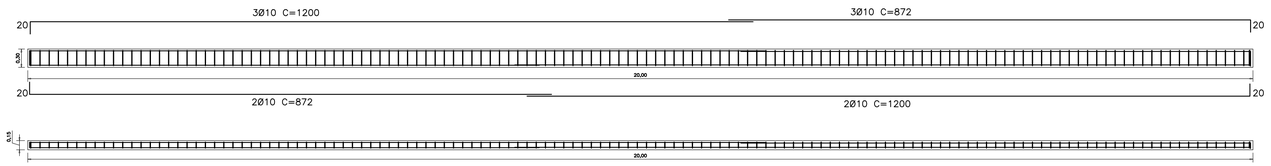
PERFIL 01 - VISTA FRONTAL
Esc: 1/50



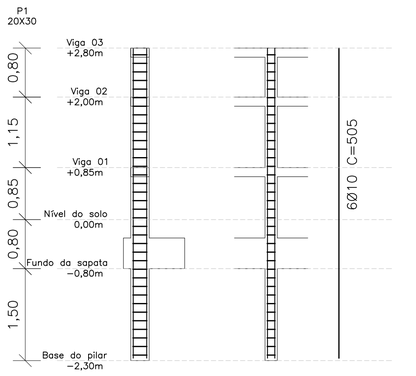
VISTA SUPERIOR - PERFIL 01
Esc: 1/50

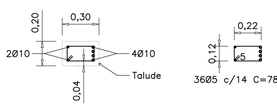


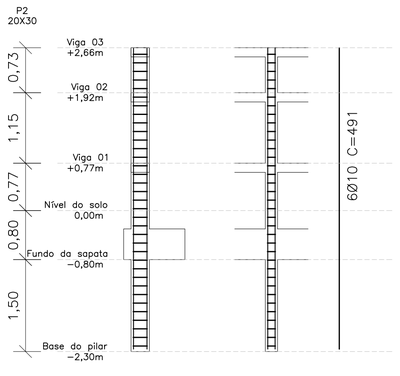
SAPATA CORRIDA - PERFIL 01
Esc: 1/50

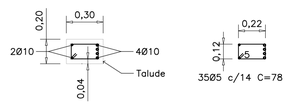


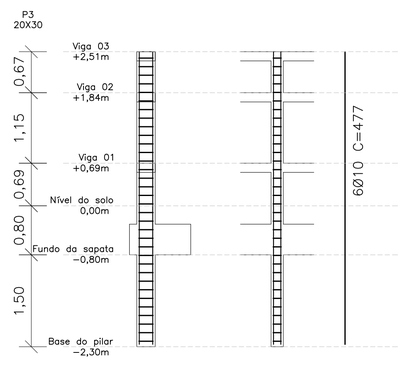
V1, V2 e V3 - PERFIL 01
Esc: 1/50

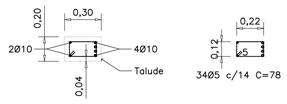


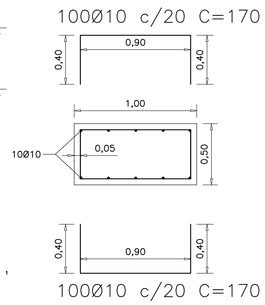




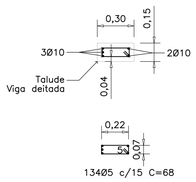




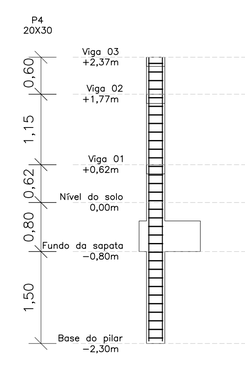


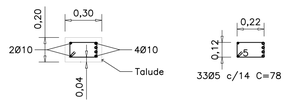


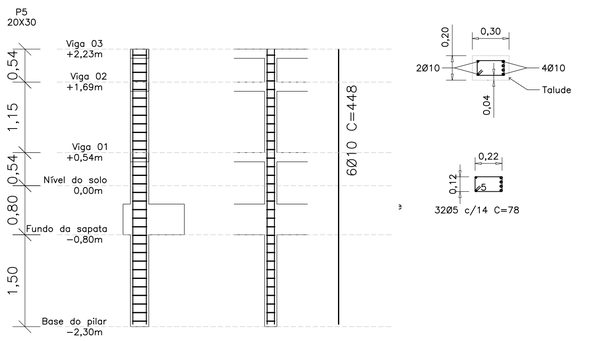
ESTRIBOS DA SAPATA CORRIDA
Esc: 1/25

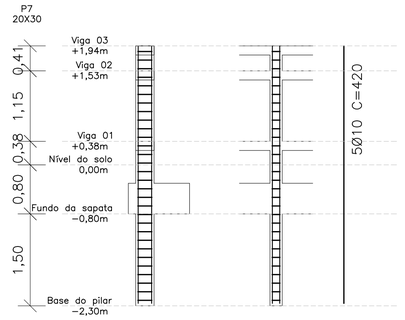


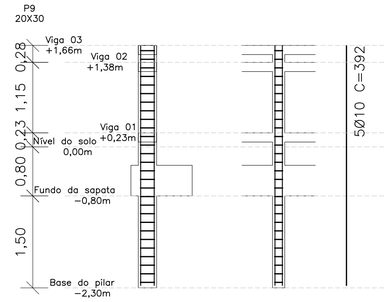
ESTRIBOS V1, V2 e V3
Esc: 1/25

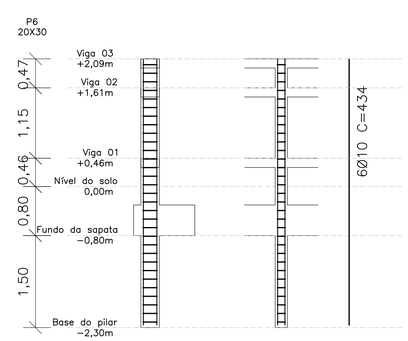


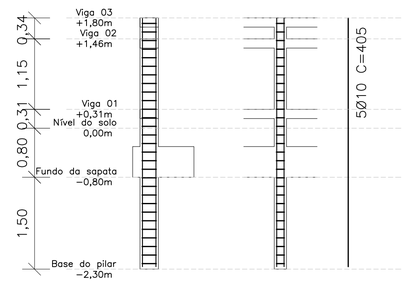


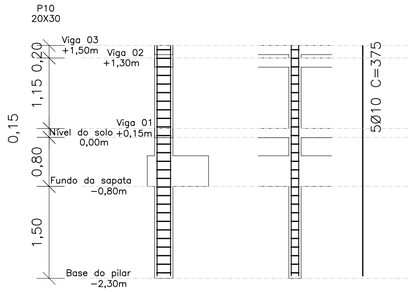












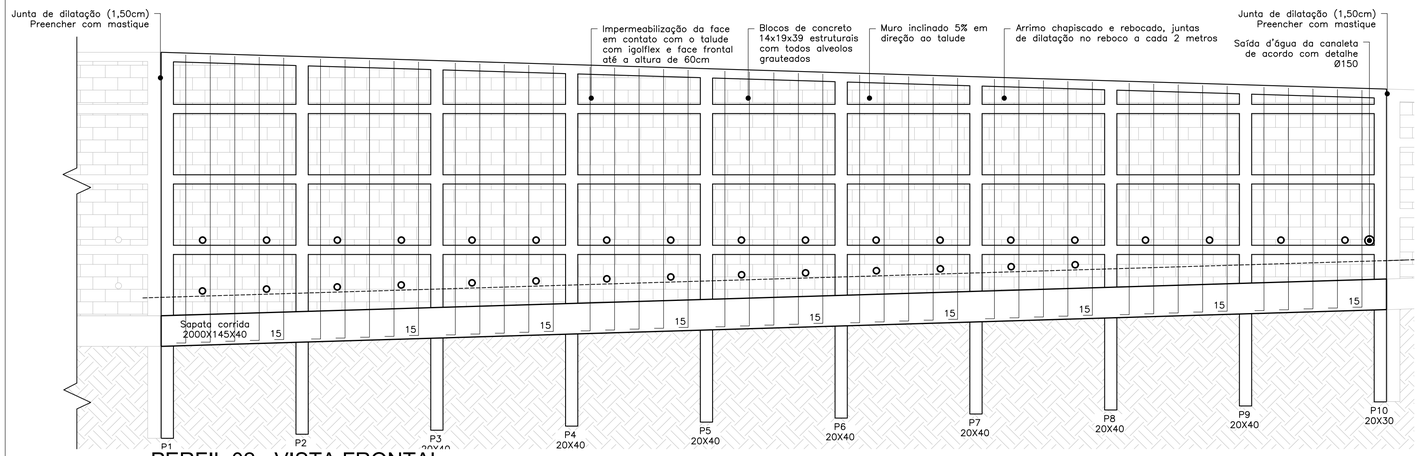
CONCRETO C25
AÇO: CA-50 e CA-60

Engenheiro Civil
Eduardo Delfino Botacim
CREA - 48207/D

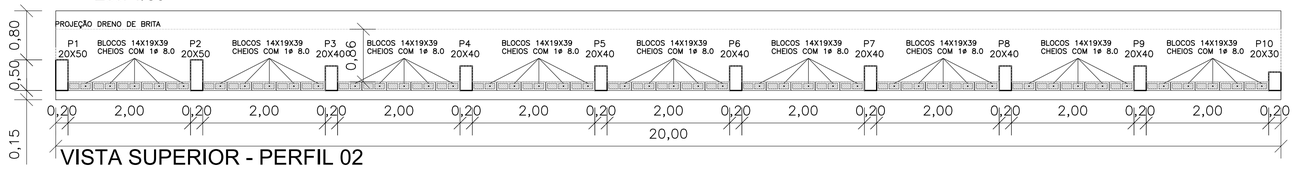
Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		3
Proprietário:		Qt Pranchas: 9	
Prefeitura Municipal de Venda Nova do Imigrante			A1

Eng. Civil Eduardo Delfino Botacim CREA: ES-48207/D

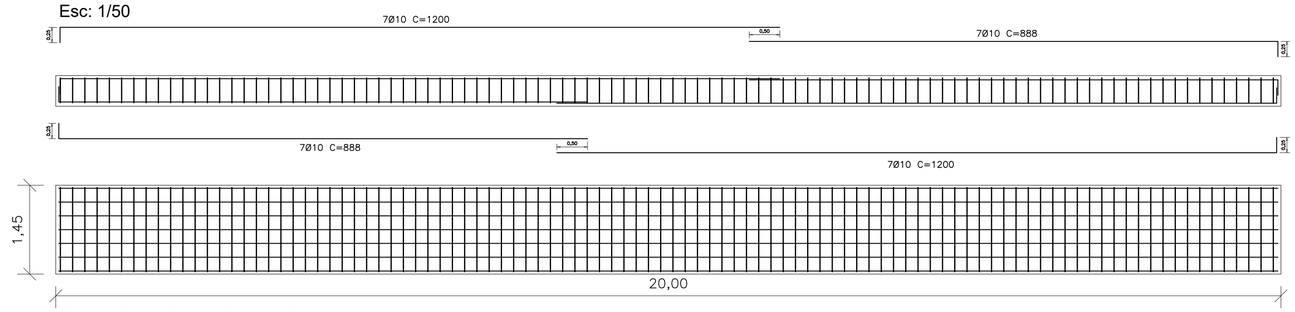
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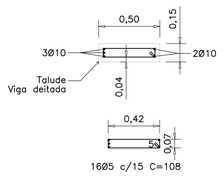
PERFIL 02 - VISTA FRONTAL
Esc: 1/50

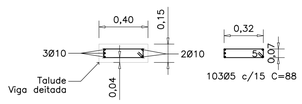


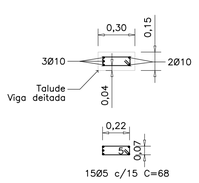
VISTA SUPERIOR - PERFIL 02
Esc: 1/50



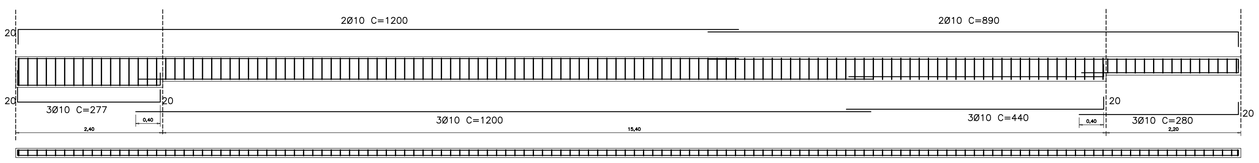
SAPATA CORRIDA - PERFIL 02
Esc: 1/50



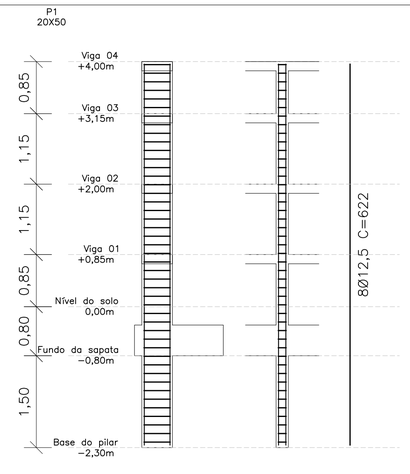


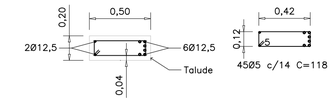


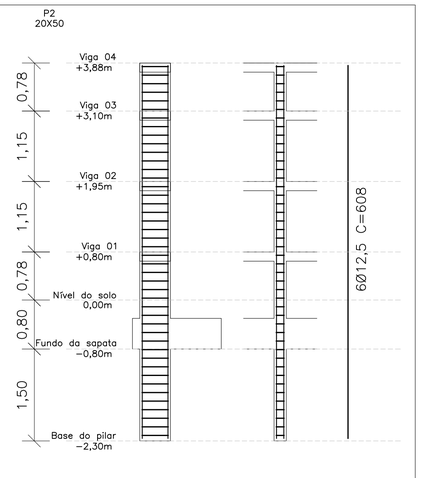
ESTRIBOS V1, V2, V3 e V4
Esc: 1/25

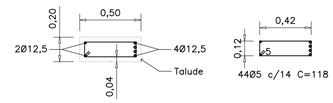


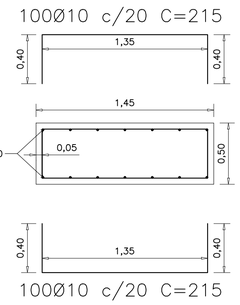
V1, V2, V3 e V4 - PERFIL 02
Esc: 1/50



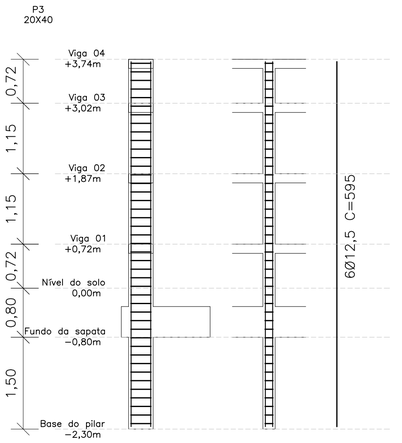


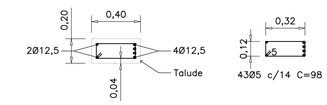


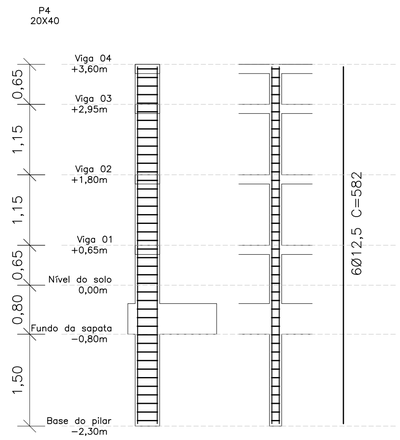


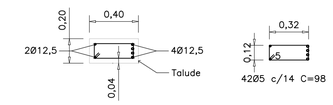


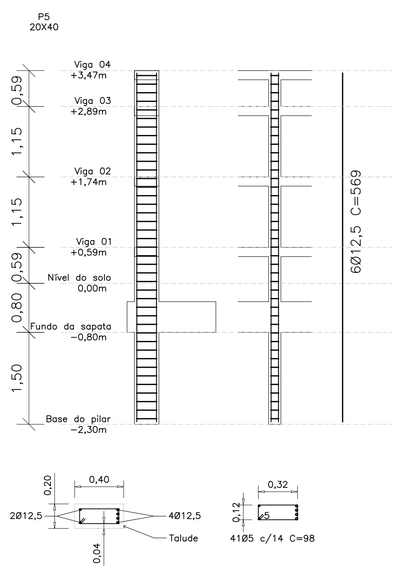
ESTRIBOS DA SAPATA CORRIDA
Esc: 1/25











CONCRETO C25
AÇO: CA-50 e CA-60

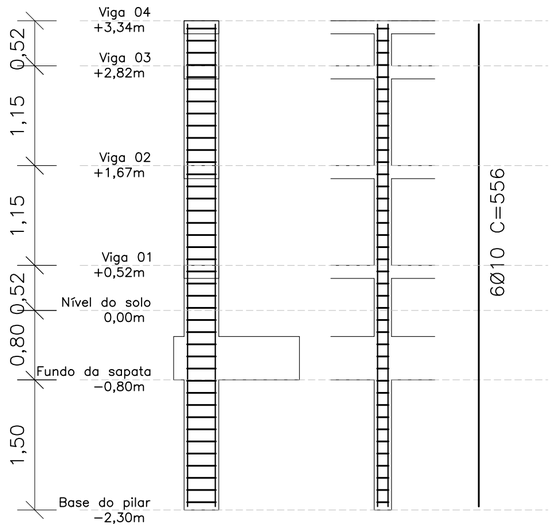
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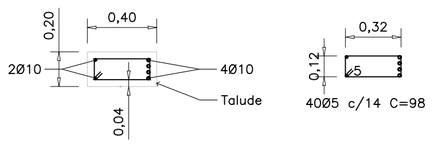
Prancha - Projeto estrutural muro de arrimo		Data 01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES	4
Proprietário: Prefeitura Municipal de Venda Nova do Imigrante		Qt Pranchas: 9
		A1

Eng. Civil Eduardo Delfino Botacim CREA: ES-48207/D

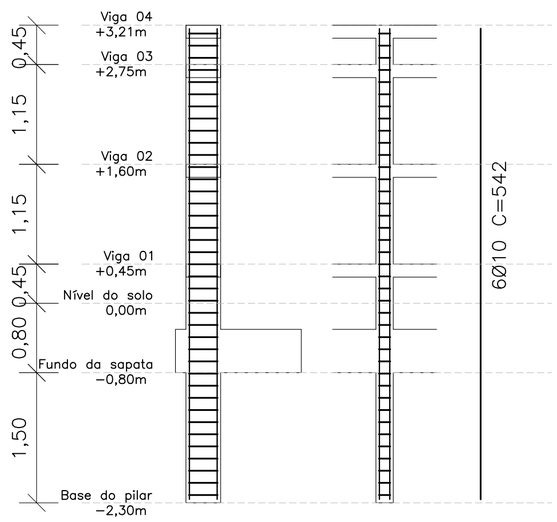
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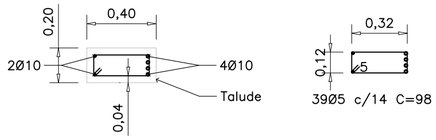
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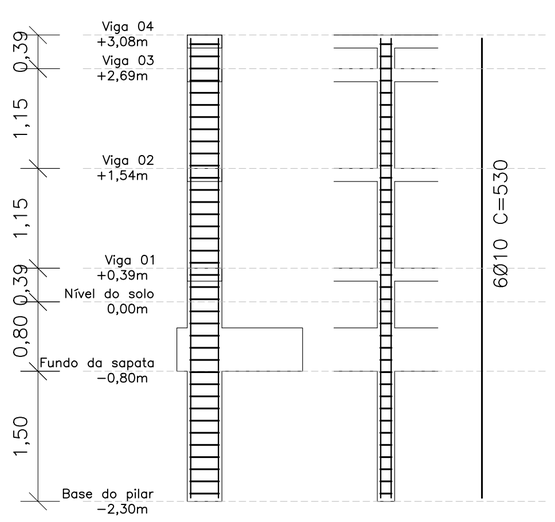


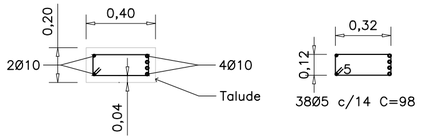
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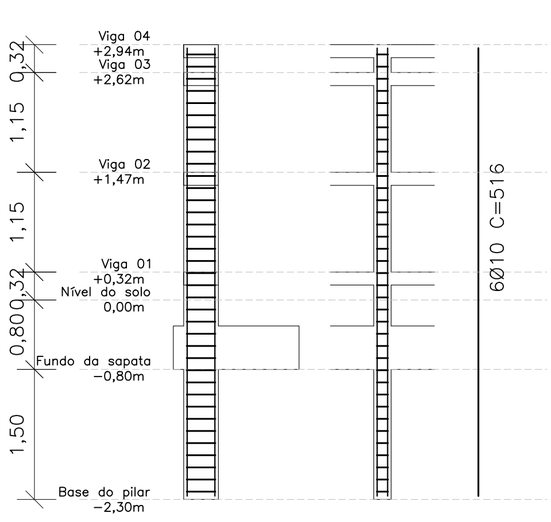


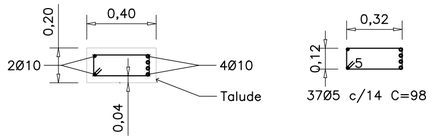
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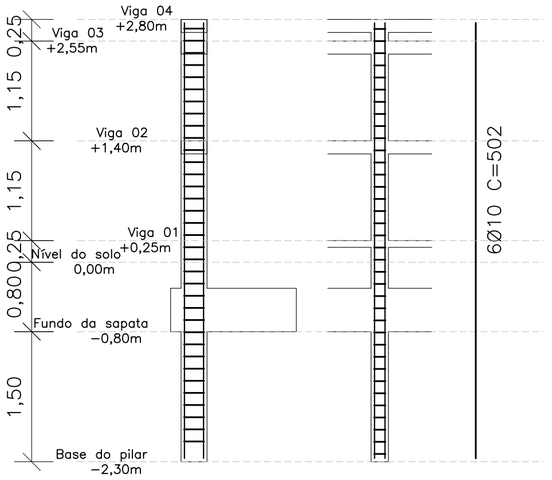


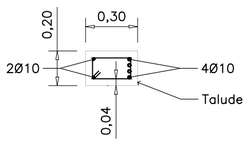
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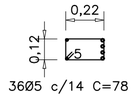




P10
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CONCRETO C25
AÇO: CA-50 e CA-60

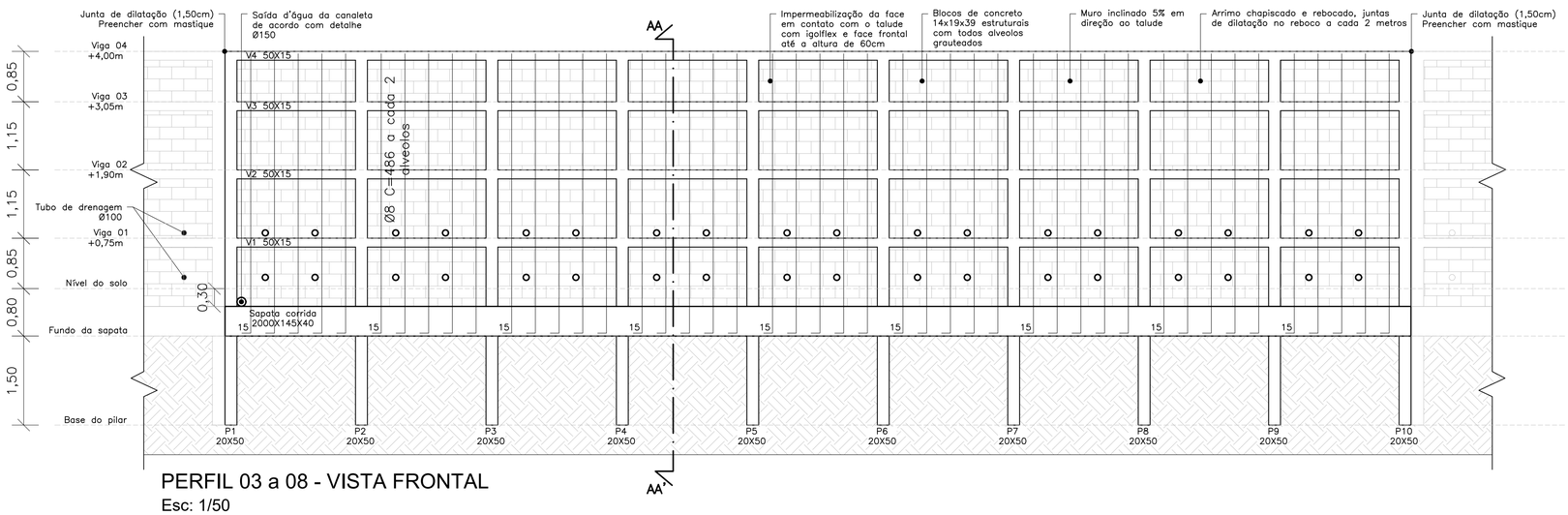
Engenheiro Civil
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CREA - 48207/D

Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		5
Proprietário: Prefeitura Municipal de Venda Nova do Imigrante		Qt Pranchas: 9	A2

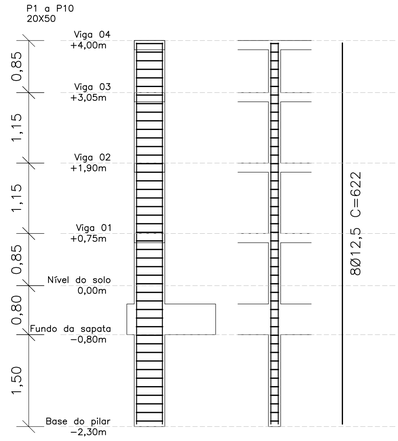
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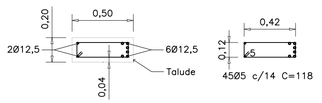
Eng. Civil Eduardo Delfino Botacim CREA: ES-48207/D

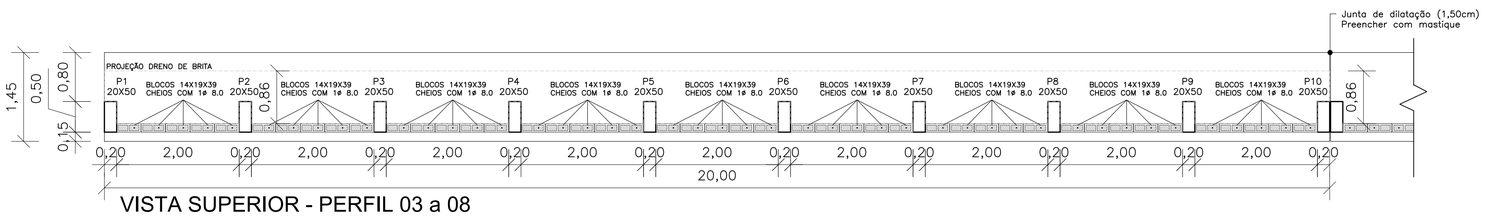
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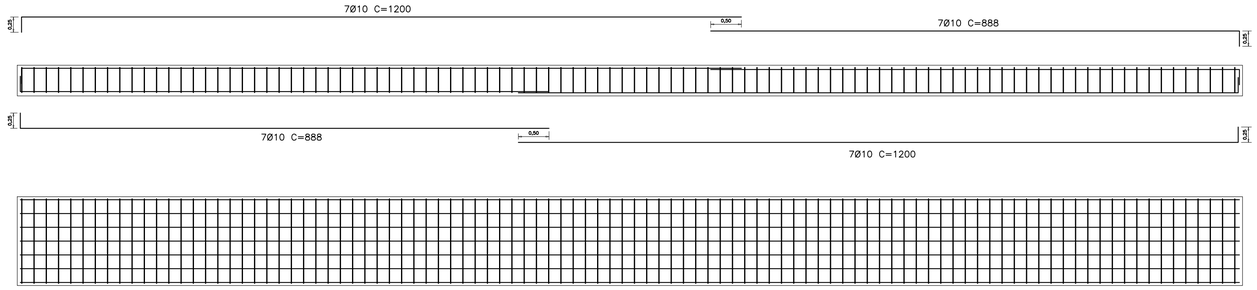
PERFIL 03 a 08 - VISTA FRONTAL
Esc: 1/50



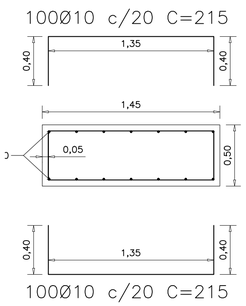




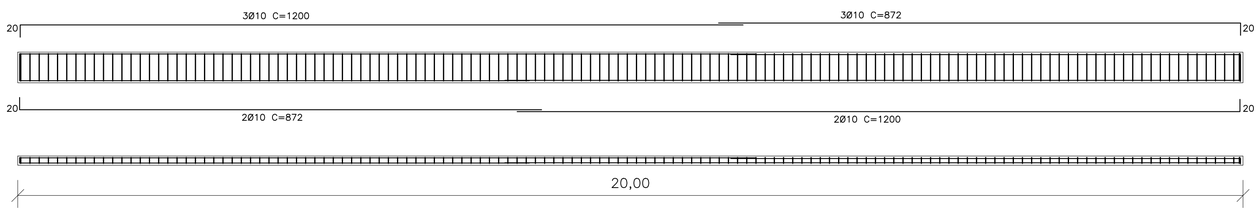
VISTA SUPERIOR - PERFIL 03 a 08
Esc: 1/50



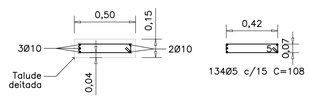
SAPATA CORRIDA - PERFIL 03 a 08
Esc: 1/50



ESTRIBOS DA SAPATA CORRIDA
Esc: 1/25



V1, V2, V3 e V4 - PERFIL 03 a 08
Esc: 1/50



ESTRIBOS V1, V2, V3 e V4
Esc: 1/25

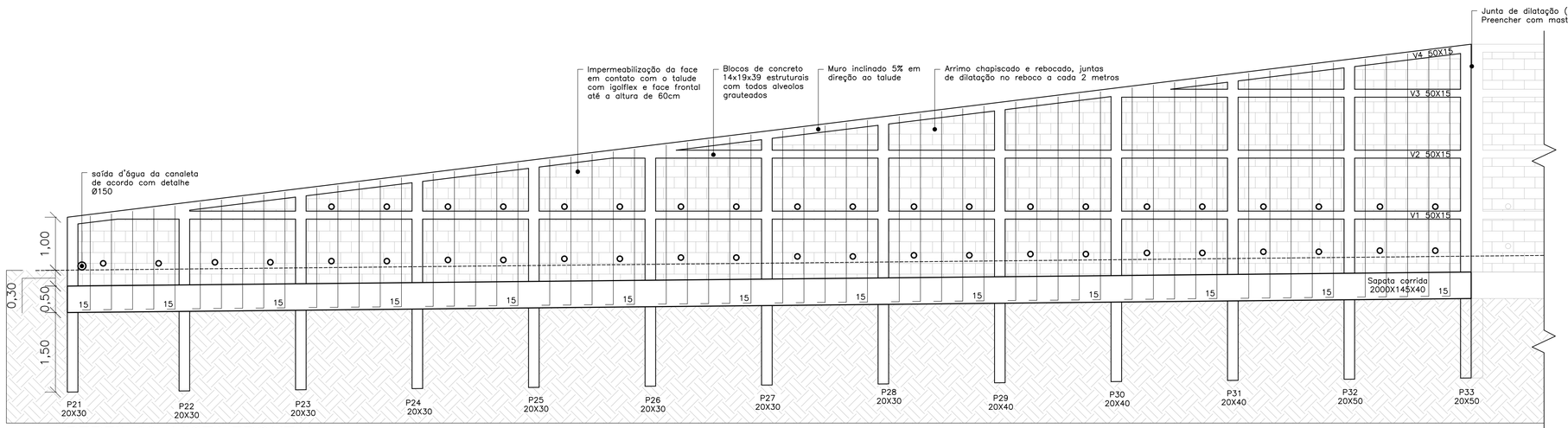
CONCRETO C25
AÇO: CA-50 e CA-60

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Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		6
Proprietário: Prefeitura Municipal de Venda Nova do Imigrante		Qt Pranchas: 9	A1

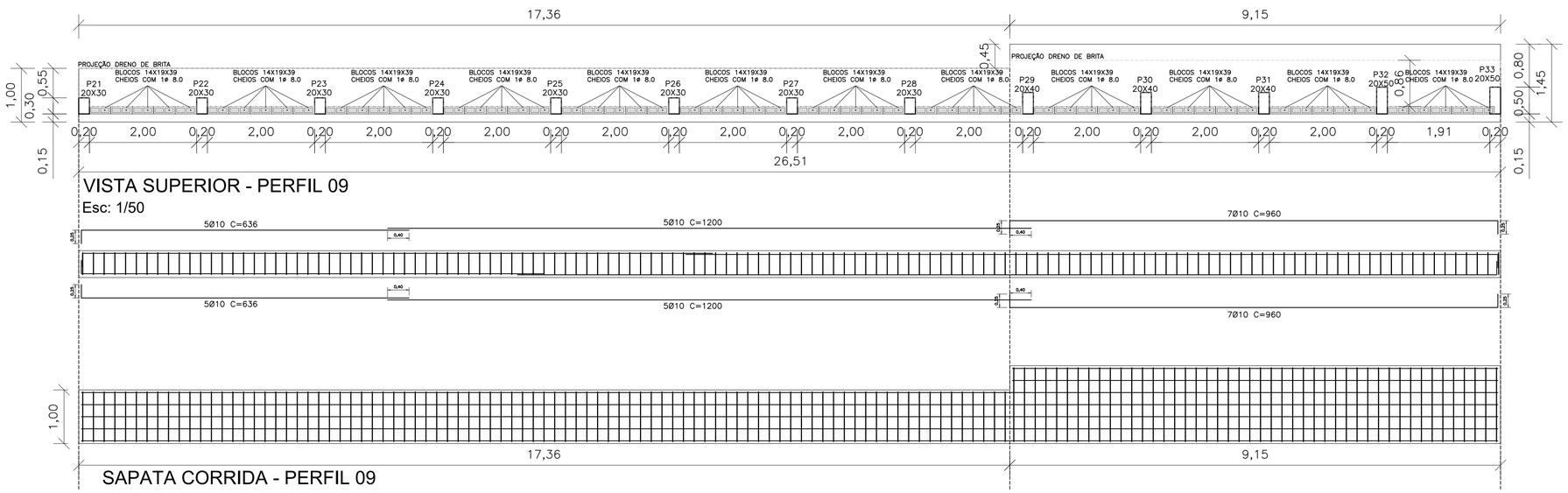
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PERFIL 09 - VISTA FRONTAL

Esc: 1/50



VISTA SUPERIOR - PERFIL 09

Esc: 1/50

ESTRIBOS DA SAPATA CORRIDA

Esc: 1/25

ESTRIBOS DA SAPATA CORRIDA

Esc: 1/25

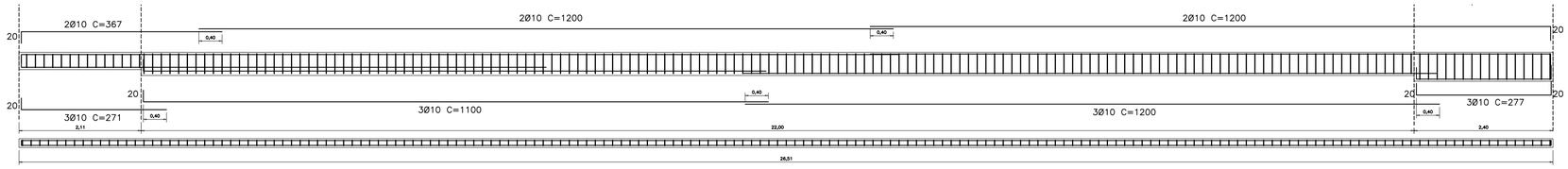
CONCRETO C25
AÇO: CA-50 e CA-60

Engenheiro Civil
Eduardo Delfino Botacim
CREA - 48207/D

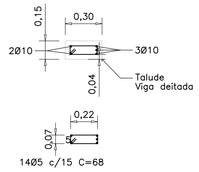
Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		7
Proprietário: Prefeitura Municipal de Venda Nova do Imigrante		Qt Pranchas: 9	A1

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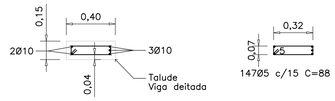
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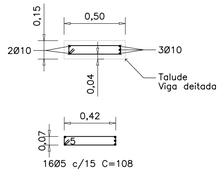
V4 - PERFIL 09
Esc: 1/50



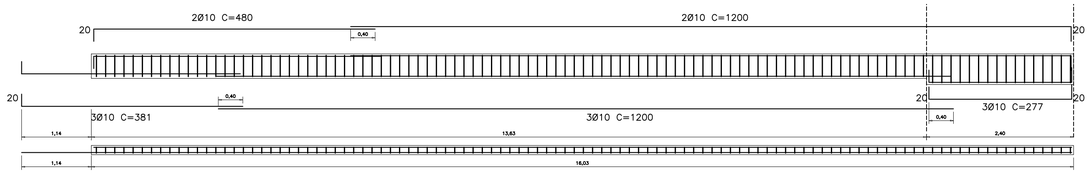
ESTRIBOS V4
Esc: 1/25



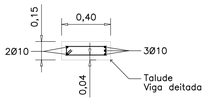
ESTRIBOS V4
Esc: 1/25

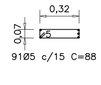


ESTRIBOS V4
Esc: 1/25

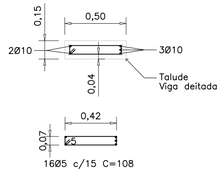


V2 - PERFIL 09
Esc: 1/50

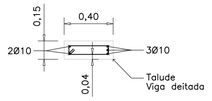




ESTRIBOS V2
Esc: 1/25

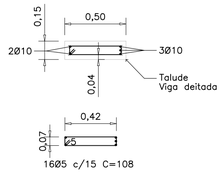


ESTRIBOS V2
Esc: 1/25

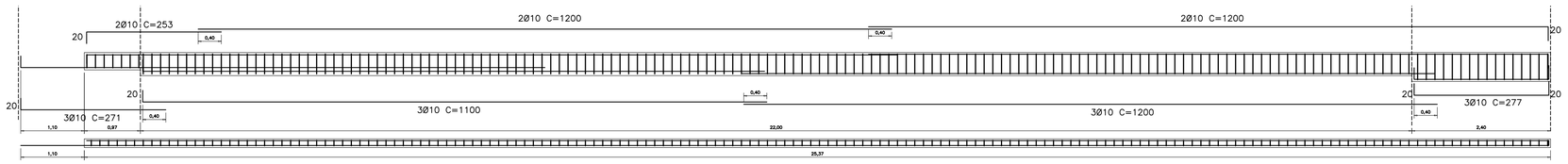




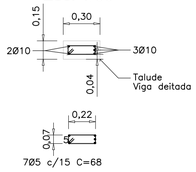
ESTRIBOS V3
Esc: 1/25



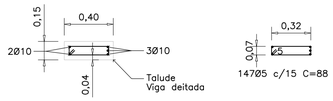
ESTRIBOS V3
Esc: 1/25



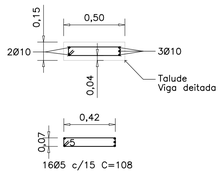
V1 - PERFIL 09
Esc: 1/50



ESTRIBOS V1
Esc: 1/25



ESTRIBOS V1
Esc: 1/25



ESTRIBOS V1
Esc: 1/25

CONCRETO C25
AÇO: CA-50 e CA-60

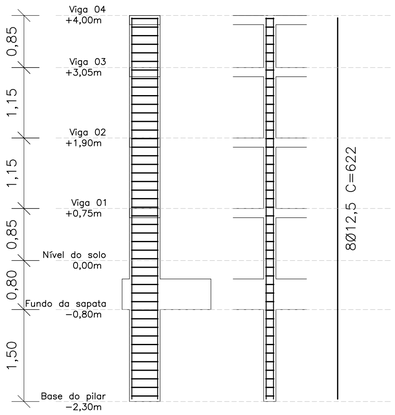
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CREA - 48207/D

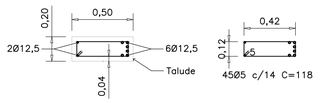
Prancha - Projeto estrutural muro de arrimo		Data	01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES		8
Proprietário:			Qt Pranchas: 9
	Prefeitura Municipal de Venda Nova do Imigrante		A1

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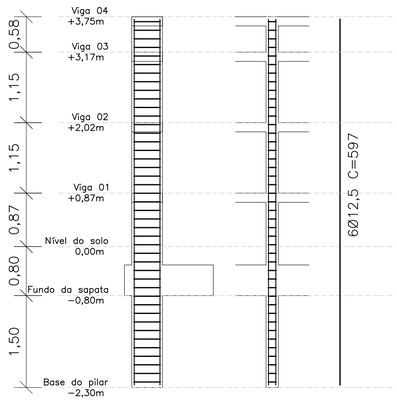
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Documento digital, verifique em: https://vendanova.essencialbpms.com.br/governo-digital.html#!/portal/
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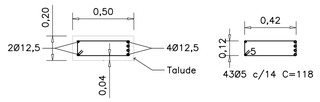
P33
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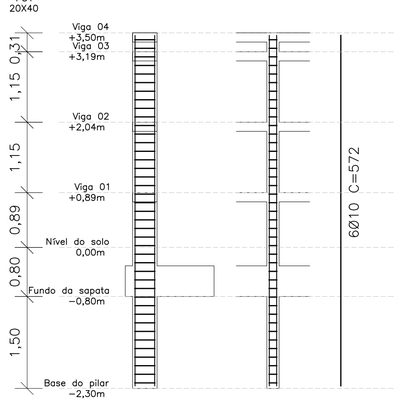


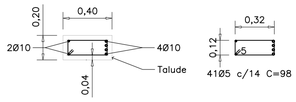
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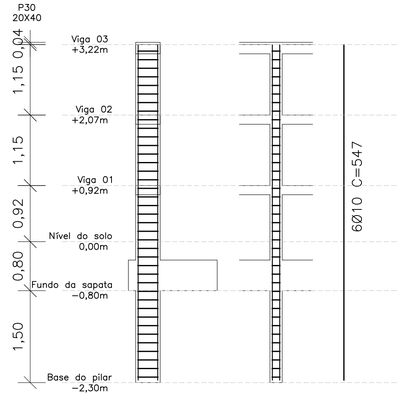


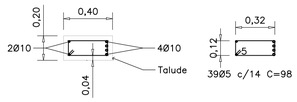
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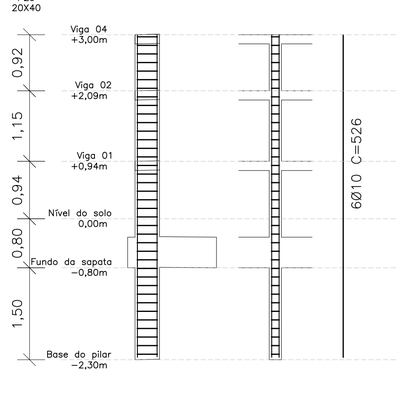


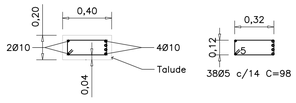
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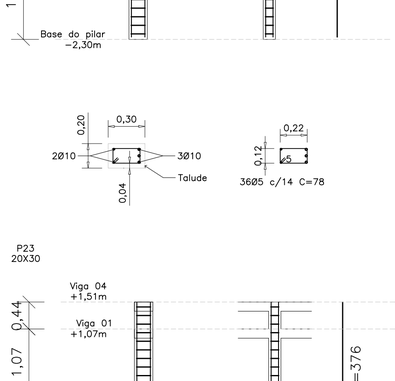


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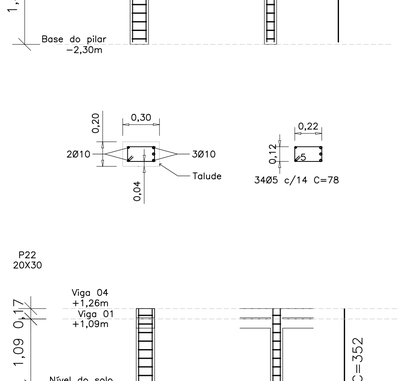




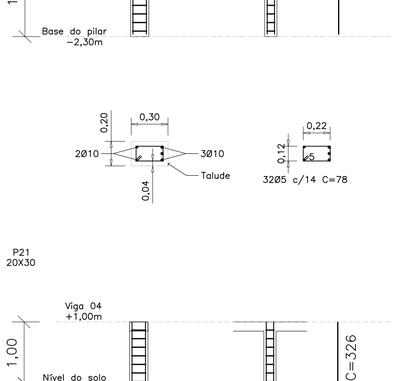
P28
20X30



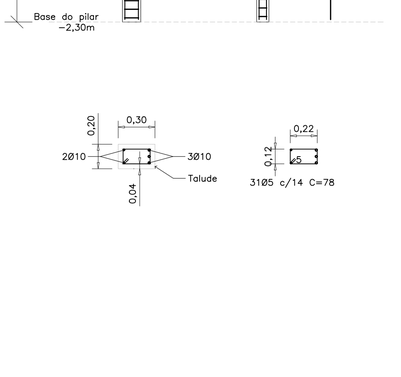
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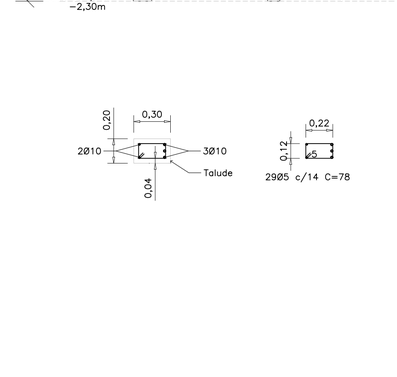
P26
20X30



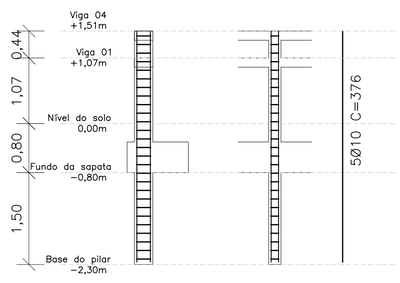
P25
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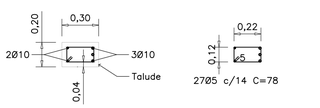


P24
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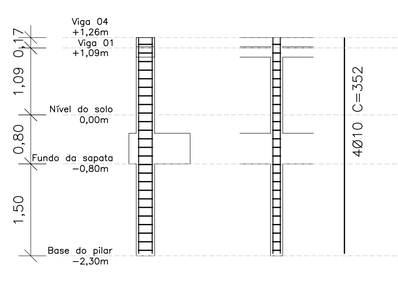


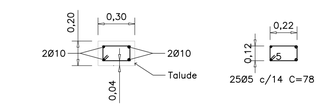
P23
20X30



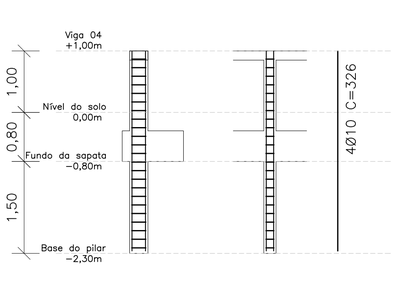


P22
20X30





P21
20X30





CONCRETO C25
AÇO: CA-50 e CA-60

Engenheiro Civil
Eduardo Delfino Botacim
CREA - 48207/D

Prancha - Projeto estrutural muro de arrimo		Data 01/10/26
Endereço	Bairro Bela Vista do Caxixe, Caxixe Frio, Venda Nova do Imigrante - ES	9
Proprietário: Prefeitura Municipal de Venda Nova do Imigrante		Qt Pranchas: 9
		A1

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Protocolo: 251682026
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