LEGENDA:

NOTAS

ARTICULAÇÃO:

Nº	NATUREZA DA REVISÃO	DATA	APROVO
00			
01			
02			
03			
04			
05			

REVISÕES

ELABORADO POR:

KL ENGENHARIA

CODEVASF

MINISTÉRIO DA INTEGRAÇÃO NACIONAL - MI

COMPANHIA DE DESENVOLVIMENTO DOS VALES DO SÃO FRANCISCO E DO PARNAÍBA - CODEVASF

OBRA:

PROJETO BÁSICO DO SISTEMA DE ESGOTAMENTO SANITÁRIO DE OUROLÂNDIA - BA

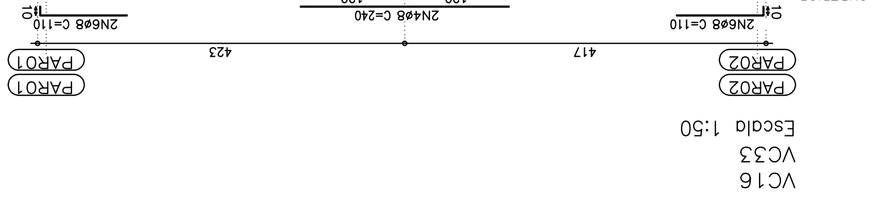
ASSUNTO:

PROJETO ESTRUTURAL - DAFA

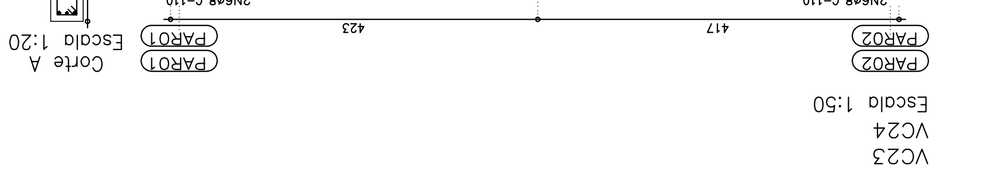
VIGAS - FORMAS - 2ª PARTE

ENG. JOSÉ MENESCAL NETO	CREA 2966/D - CE	DATA:	MAIO/2009
ENG.	CREA	ESCALA:	INDICADA
ENG.	CREA	ARQUIVO:	07-OUR-PIEST-DAFA-R0

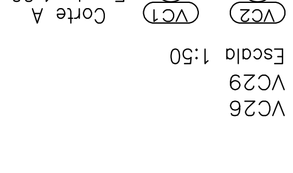
VC16
VC33
Escala 1:50



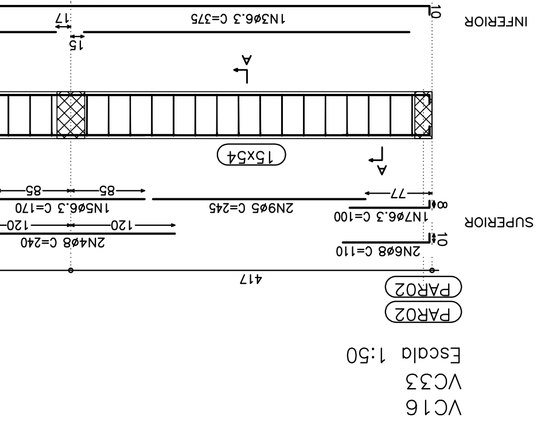
VC23
VC24
Escala 1:50



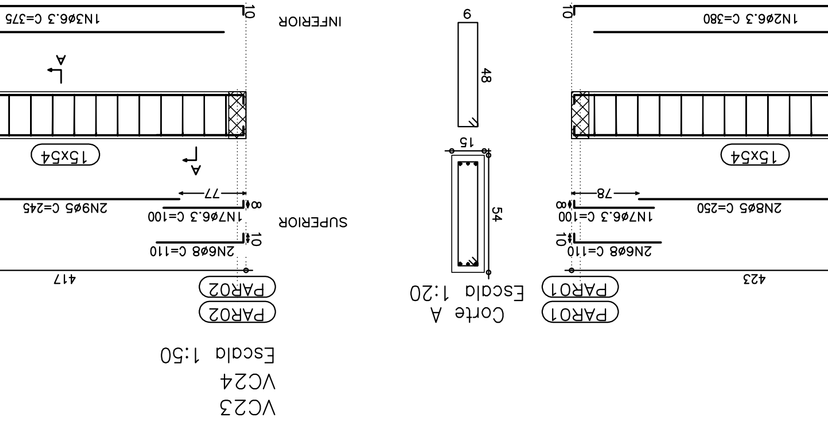
VC26
VC29
Escala 1:50



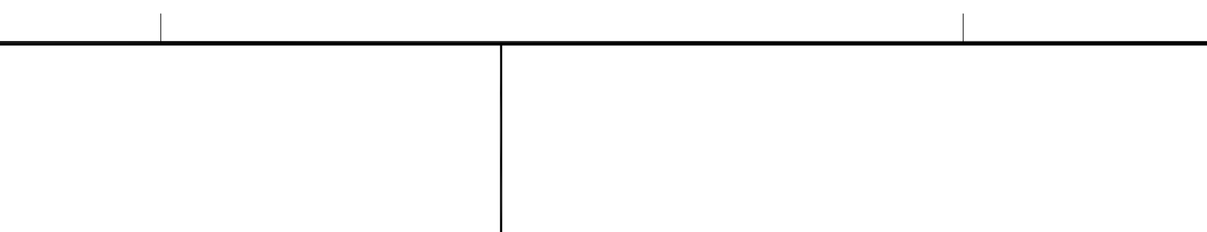
VC1
VC2
Escala 1:50



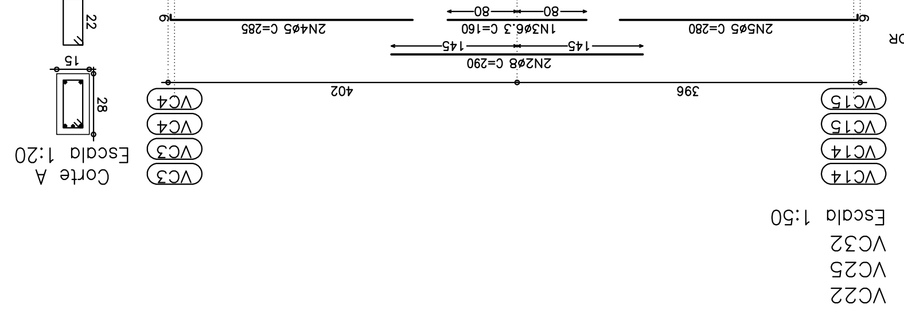
VC3
VC4
VC14
VC15
VC10
VC11
VC12
VC13
VC8
VC7
VC6
VC5
Escala 1:50



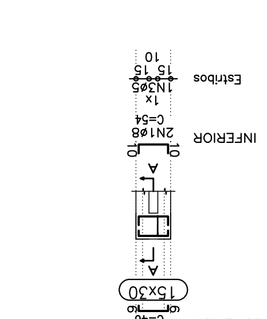
VC9
Escala 1:50



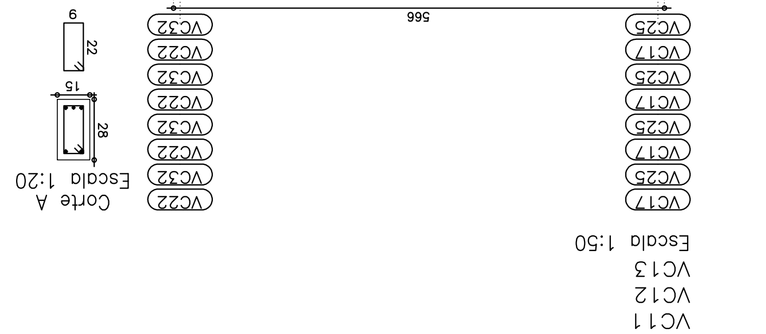
VC22
VC25
VC32
Escala 1:50



VC18
VC19
VC20
VC28
VC27
VC21
VC31
VC30
Escala 1:50



VC17
VC22
VC32
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)
VC1=VC2	1	ø8	2	190		10	200	400	1.6	
	2	ø6.3	2	9	116		125	250	0.6	
	3	ø8	2	10	270		280	560	2.2	
	4	ø5	18				76	1368		2.1
							Total+10%:		4.8	2.3
							(x2):		9.6	4.6
VC3=VC4=VC14	1	ø8	2	10	592	10	612	1224	4.8	
VC15	2	ø6.3	1		592		592	592	1.5	
	3	ø8	4	10	135		145	580	2.3	
	4	ø6.3	2	8	122		130	260	0.6	
	5	ø5	23				124	2852		4.5
	6	ø5	2		370		370	740		1.2
							Total+10%:		10.1	6.3
							(x4):		40.4	25.2
VC5=VC6=VC7=VC8	1	ø8	2	10	560	10	580	1160	4.6	
VC10=VC11=VC12	2	ø6.3	1		335		335	335	0.8	
VC13	3	ø8	4	10	130		140	560	2.2	
	4	ø5	2		350		350	700		1.1
	5	ø5	45				72	3240		5.1
							Total+10%:		8.4	6.8
							(x8):		67.2	54.4
VC9	1	ø10	4		653	12	665	2660	16.7	
	2	ø8	2	10	635		635	1270	5.0	
	3	ø8	2	10	635		645	1290	5.1	
	4	ø10	2		360		360	720	4.5	
	5	ø8	2		250		250	500	2.0	
	6	ø10	4		148	12	160	640	4.0	
	7	ø8	4		135	10	145	580	2.3	
	8	ø6.3	2		355		355	710	1.8	
	9	ø6.3	2		350		350	700	1.7	
	10	ø6.3	64				161	10304		25.5
							Total+10%:		75.5	
VC16=VC33	1	ø8	2	10	834	10	854	1708	6.7	
	2	ø6.3	1		380		380	380	0.9	
	3	ø6.3	1		375		375	375	0.9	
	4	ø8	2		240		240	480	1.9	
	5	ø6.3	4		170	10	170	170	0.4	
	6	ø8	2		440		110	440	1.7	
	7	ø6.3	2		92	8	100	200	0.5	
	8	ø5	2		250		250	500		0.8
	9	ø5	2		245		245	490		0.8
	10	ø5	32				124	3968		6.2
							Total+10%:		14.3	8.5
							(x2):		28.6	17.2
VC17=VC22=VC25	1	ø8	2	10	792	10	812	1624	6.4	
VC32	2	ø8	2		290		290	580	2.3	
	3	ø6.3	1		160		160	160	0.4	
	4	ø5	2		279	6	285	570		0.9
	5	ø5	2	6	274		280	560		0.9
	6	ø5	62				72	4464		7.0
							Total+10%:		10.0	9.7
							(x4):		40.0	38.8
VC18=VC19=VC20	1	ø8	2	10	34	10	54	108	0.4	
VC21=VC27=VC28	2	ø5	7	6	34	6	46	92		0.1
VC30=VC31	3	ø5	1				76	76		0.1
							Total+10%:		0.4	0.2
							(x8):		3.2	1.5
VC23=VC24	1	ø8	1	2	834	10	854	1708	6.7	
	2	ø6.3	1		385		385	385	1.0	
	3	ø6.3	1		375		375	375	0.9	
	4	ø8	2		240		240	480	1.9	
	5	ø6.3	1		170		170	170	0.4	
	6	ø8	1		100	8	100	200	0.5	
	7	ø6.3	2		92		92	184		0.4
	8	ø5	2		250		250	500		0.8
	9	ø5	2		245		245	490		0.8
	10	ø5	32				124	3968		6.2
							Total+10%:		14.4	8.5
							(x2):		28.8	17.2
VC26=VC29	1	ø5	1	2	653	12	665	1330	1.1	
	2	ø5	2	10	109	6	122	244		0.4
	3	ø5	2	7	109	10	129	258		0.8
	4	ø5	2	10	109	10	129	258		0.8
	5	ø5	7				76	532		
							Total+10%:		1.1	1.3
							(x2):		2.2	2.6
							ø5:		0.0	161.6
							ø6.3:		63.5	0.0
							ø8:		204.5	0.0
							ø10:		27.7	0.0
							Total:		295.5	161.6