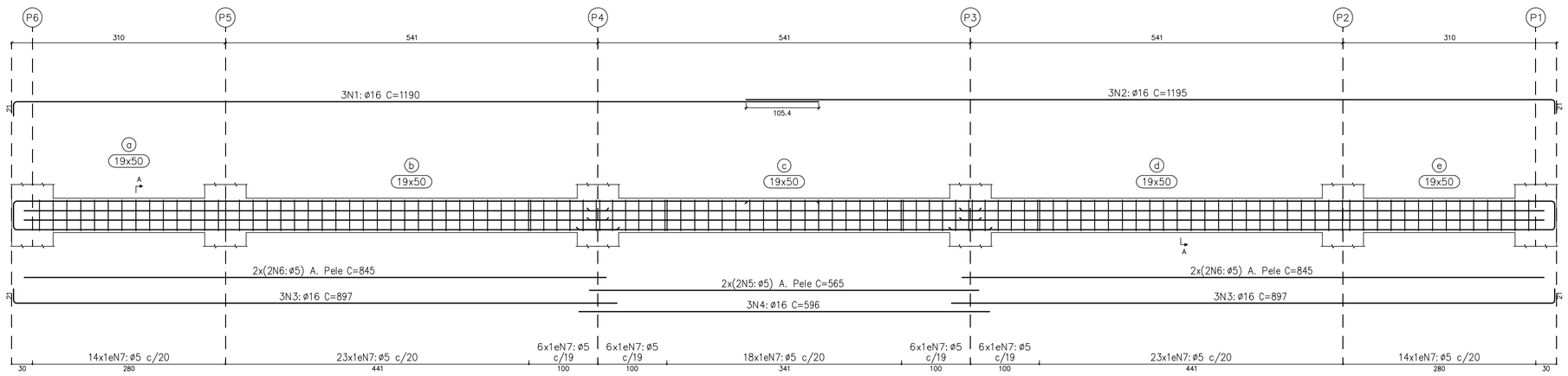
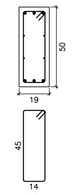
V 23
Escala vigas 1:50
Escala seções 1:25

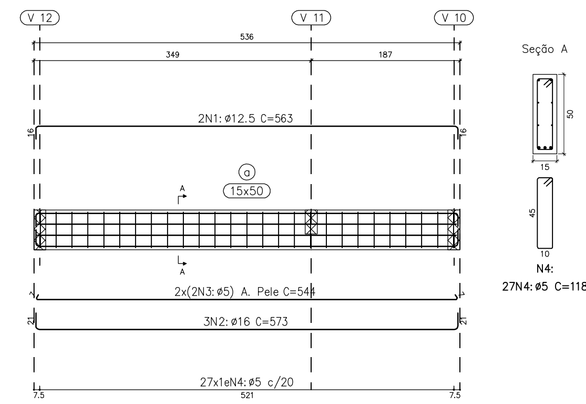


Seção A



N7:
116N7: ø5 C=126

V 18
Escala vigas 1:50
Escala seções 1:25

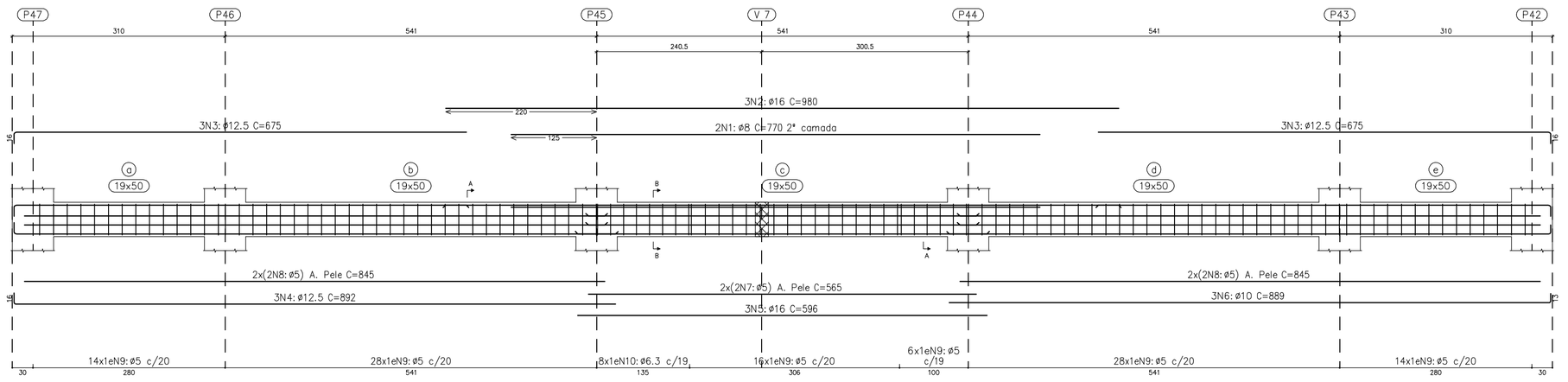


Seção A

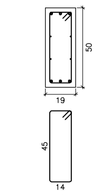
N4:
27N4: ø5 C=118

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 10	1	ø12.5	2	33.3	536	16.3	586	1172	11.3	
	2	ø16	2	20.8	536	20.8	578	1156	18.2	
	3	ø5	4	6.5	523.5		530	2120		3.3
	4	ø5	26	5	108	5	118	3068		4.8
							Total+10%		32.5	8.9
V 15	1	ø8	2		770		770	1540	6.1	
	2	ø16	3		980		980	2940	46.4	
	3	ø12.5	6	16.3	658.8		675	4050	39.0	
	4	ø12.5	3	16.3	876		892	2676	25.8	
	5	ø16	3		596		596	1788	28.2	
	6	ø10	3		876	13	889	2667	16.4	
	7	ø5	4		565		565	2260		3.5
	8	ø5	8		845		845	6760		10.6
	9	ø5	106	5	116	5	126	13356		21.0
	10	ø6.3	8	6.3	115.5	6.3	128	1024	2.5	
							Total+10%		180.8	38.6
V 16	1	ø12.5	3	16.3	683.8		700	2100	20.2	
	2	ø16	3		950		950	2850	45.0	
	3	ø12.5	3		900		900	1800	17.3	
	4	ø12.5	3		658.8	16.3	675	2025	19.5	
	5	ø12.5	6	16.3	858.8		875	5250	50.6	
	6	ø16	3		565		565	1695	26.8	
	7	ø16	3		548		548	1644	26.0	
	8	ø5	4		565		565	2260		3.5
	9	ø5	8		850		850	6800		10.7
	10	ø5	86	5	116	5	126	10836		17.0
	11	ø6.3	50	6.3	115.5	6.3	128	6400	15.7	
							Total+10%		243.2	34.3
V 17	1	ø10	2	13	707		720	1440	8.9	
	2	ø12.5	2		880		880	1760	17.0	
	3	ø10	2		705		705	1410	8.7	
	4	ø10	4	13	342		355	1420	8.8	
	5	ø10	2	13	1072		1085	2170	13.4	
	6	ø10	2		576	13	589	1178	7.3	
	7	ø5	4		565		565	2260		3.5
	8	ø5	4	6.5	558.5	6.5	578	2316		6.7
	9	ø5	42	5	108	5	118	5292		5.1
	10	ø5	83	5	108	5	118	9794		15.4
							Total+10%		70.5	33.8
V 18	1	ø12.5	2	16.3	531	16.3	563	1126	10.8	
	2	ø16	3	20.8	531	20.8	573	1719	27.1	
	3	ø5	4	6.5	531	6.5	544	2176		3.4
	4	ø5	27	5	108	5	118	3186		5.0
							Total+10%		41.7	9.2
V 20=V 22	1	ø10	6	13	335	13	361	2166	13.3	
	2	ø5	4		310		310	1240		1.9
	3	ø5	15	5	116	5	126	1890		3.0
							Total+10%		14.6	5.4
							(x2)		29.2	10.8
V 23	1	ø16	3	20.8	1169.2		1190	3570	56.4	
	2	ø16	3		1174.2	20.8	1195	3585	56.6	
	3	ø16	6	20.8	876		897	5382	85.0	
	4	ø16	3		596		596	1788	28.2	
	5	ø5	4		565		565	2260		3.5
	6	ø5	8		845		845	6760		10.6
	7	ø5	116	5	116	5	126	14616		22.9
							Total+10%		248.8	40.7
							ø5:		0.0	176.3
							ø6.3:		20.0	0.0
							ø8:		6.7	0.0
							ø10:		99.0	0.0
							ø12.5:		230.7	0.0
							ø16:		488.3	0.0
							Total:		846.7	176.3

V 15
Escala vigas 1:50
Escala seções 1:25

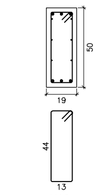


Seção A



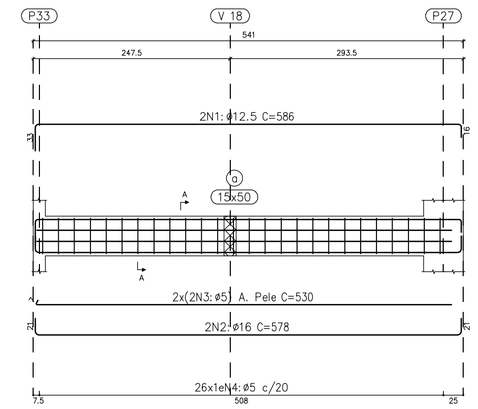
N9:
106N9: ø5 C=126

Seção B

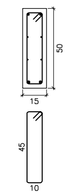


N10:
8N10: ø6.3 C=127

V 10
Escala vigas 1:50
Escala seções 1:25

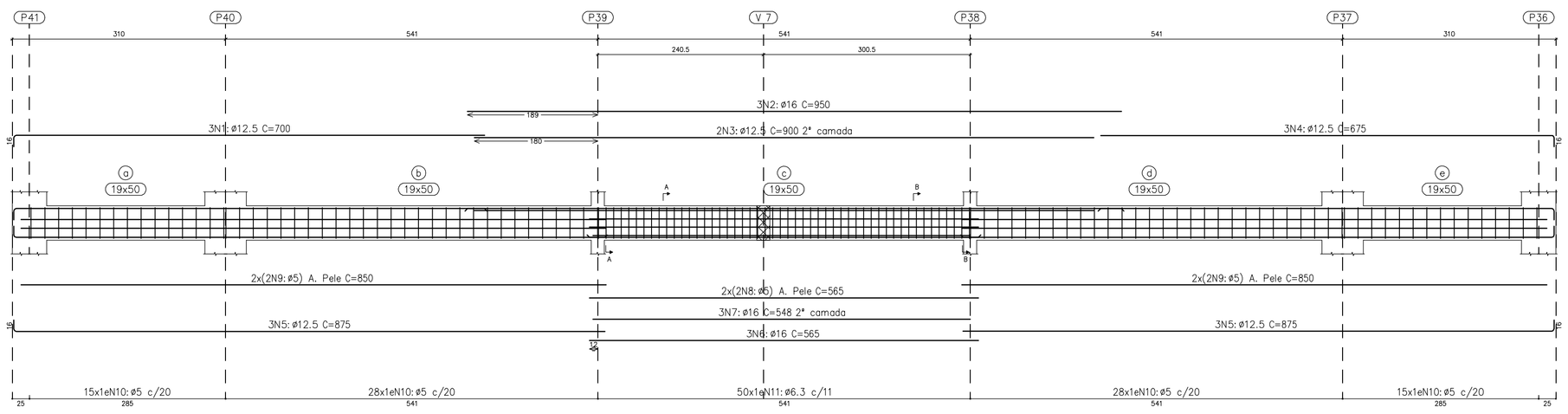


Seção A

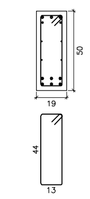


N4:
26N4: ø5 C=118

V 16
Escala vigas 1:50
Escala seções 1:25

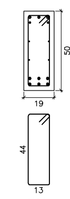


Seção A



N11:
50N11: ø6.3 C=127

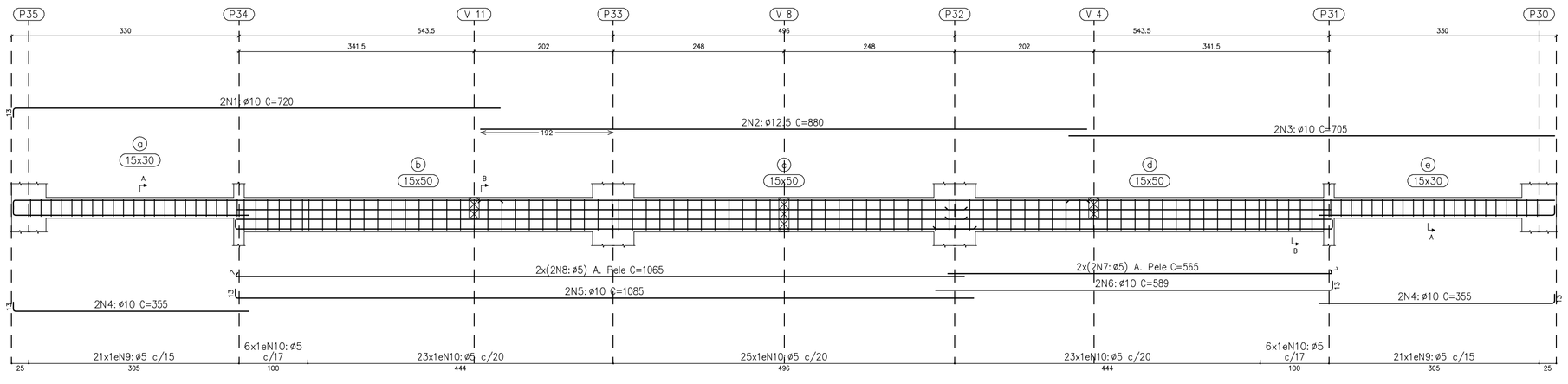
Seção B



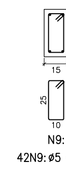
N11:
50N11: ø6.3 C=127

Térreo
Desenho de vigas
Concreto: C25, usina.rigor
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:20

V 17
Escala vigas 1:50
Escala seções 1:25

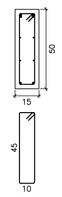


Seção A



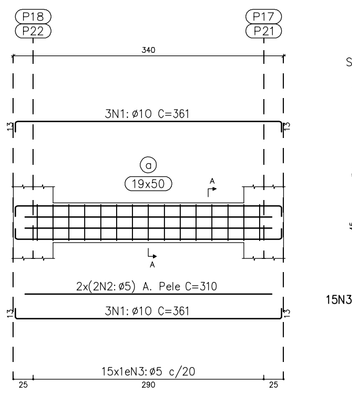
N9:
42N9: ø5 C=78

Seção B

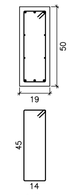


N10:
83N10: ø6.3 C=118

V 20=V 22
Escala vigas 1:50
Escala seções 1:25



Seção A



N3:
15N3: ø5 C=126

CARIMBO

Concreto 25MPa

REVISÕES

Nº	DATA	DESCRIÇÃO	ASSINATURA
		"AS BUILT"	

ProEng ENGENHARIA E ARQUITETURA
CREA/SC 120.020-5 CAU/SC 34701-9
Rua dos Ferroviários 279 - Tubarão / SC
proengengenharia@hotmail.com
(48)9626-1666

EQUIPE TÉCNICA:
Eng.º Civil Celso Zanoni Filho CREA/SC 061.511-0
Eng.º Civil Jéssica Tartari da Silva CREA/SC 147.347-0
Eng.º Eletricista Eduardo Marcelo da Silva CREA/SC 107.293-8
Eng.º Mecânico Fábio Domingos Guimarães CREA/SC 075.436-1
Arquiteto e Urbanista David Tartari CAU/SC A118224-2

SERVIÇO SOCIAL DO COMÉRCIO
DEPARTAMENTO REGIONAL
SANTA CATARINA
Rua Felipe Schmidt, 785 – Centro – Florianópolis
CEP 88.010.002 – Fone/Fax: (48) 3251-4800
sesc-sc@sesc-sc.com.br

Projeto

ESTRUTURAL

Local: SESC COMUNIDADE GUABIRUBA

End.: RUA ARTHUR BAUMGARTNER, S/Nº – GUABIRUBA/SC

Obra: CONSTRUÇÃO QUADRA SESC COMUNIDADE

Conteúdo: VIGAS BALDRAME 02/02

Proprietário: SERVIÇO SOCIAL DO COMÉRCIO

Resp. técnico

Comando e Assinatura nº

Comando e Assinatura nº

Autor do Projeto

Eng.º Civil Jéssica Tartari da Silva
CREA/SC 147.347-0

Assinatura

Prancha nº: 02

Co-Autor do Projeto

07 Total

Arquivo	Desenho	Escala	Data
ESTRUTURAL-QUADRA SESC GUABIRUBA-VIGAS-R00.DWG	CZF	Indicada	Outubro/2019

DATA DE PLOTAGEM: 04/outubro/2019 ********** PENA DE PLOTAGEM: 3 - EST. PROENG.ctb
ARQUIVO: D:\PROJETOS\Guabiruba\454 - Sesc Guabiruba\Estrutural\Pranchas\Estrutural-Quadra Sesc Guabiruba-Vigas-R00.dwg