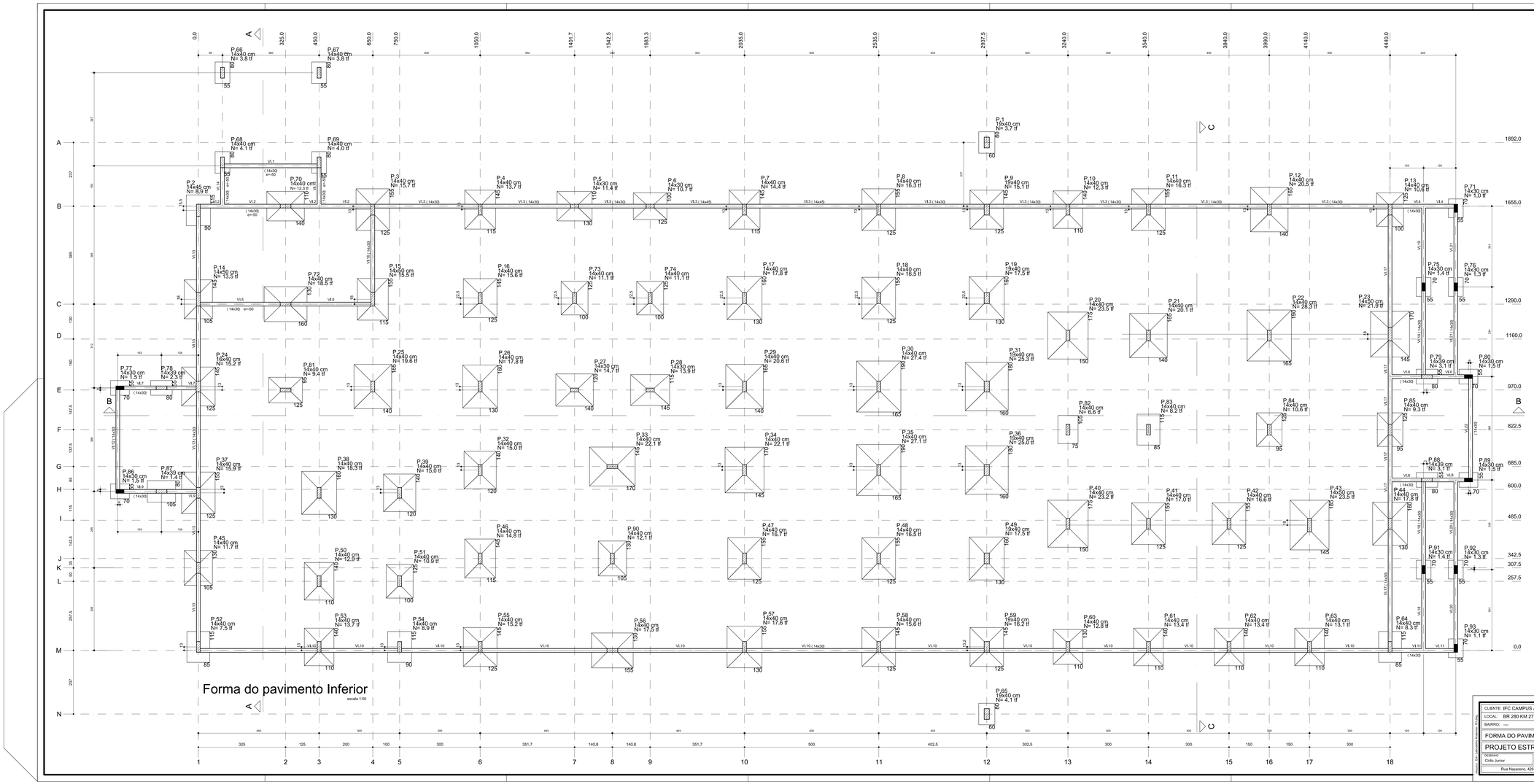

Legenda das Vigas

NOME VIGA

V1

14x20 e=-20

ELEVAÇÃO +/- EM RELAÇÃO AO NÍVEL REF. DA OBR

SEÇÃO VIGA : B30x5 EM CM

Legenda dos Pilares

Pilar que morre

Pilar que passa

Pilar que nasce

Pilar com mudança de seção

Legenda das Fundações / pilares

P25 = NOME DO PILAR

14x30 = SEÇÃO (BAIXA) CM

N = 13.6 tf = CARGA NORMAL

1x02 = QTDE E DIAMETRO ESTACA DO BLOCO

Vigas

Name	Seção [cm]	Elevação [cm]	Nivel [cm]
V1.1	14x30	-50	-50
V1.2	14x30	-50	-50
V1.3	14x30	0	0
	14x45	0	0
	14x30	0	0
V1.4	14x30	0	0
V1.5	14x30	-50	-50
V1.6	14x30	0	0
V1.7	14x30	0	0
V1.8	14x30	0	0
V1.9	14x30	0	0
V1.10	14x30	0	0
V1.11	14x30	0	0
V1.12	14x30	0	0
V1.13	14x30	0	0
V1.14	14x30	-50	-50
V1.15	14x30	-50	-50
V1.16	14x30	0	0
V1.17	14x30	0	0
V1.18	14x30	0	0
V1.19	14x30	0	0
V1.20	14x30	0	0
V1.21	14x30	0	0
V1.22	14x30	0	0

Características dos materiais

fck [kgf/cm²]	Ecs [kgf/cm²]	fct [kgf/cm²]	Abatimento [cm]
300	290716	29	5.00

Dimensão do agregado = 19 mm

Pilar

Name	Seção [cm]	X [cm]	Y [cm]	Carga Máx. [tf]	Carga Mín. [tf]	Lado B [cm]	Lado H [cm]	Nível Topo [cm]	Nível Base [cm]
P.1	19x40	0.0	1655.0	3.7	3.7	19	40	25	0
P.2	14x45	0.0	1655.0	8.9	8.9	14	45	25	0
P.3	14x40	650.0	1640.0	15.7	12.9	125	155	15	40
P.4	14x40	1050.0	1640.0	13.7	9.8	115	145	15	40
P.5	14x30	1401.7	1655.0	11.4	8.9	110	130	15	35
P.6	14x30	1683.3	1655.0	10.7	8.6	105	125	15	35
P.7	14x40	2035.0	1640.0	14.4	11.4	115	145	15	40
P.8	14x40	2535.0	1640.0	16.3	12.6	125	155	15	40
P.9	19x40	2937.5	1640.0	15.1	11.9	145	155	15	40
P.10	14x40	3240.0	1640.0	12.3	9.5	110	140	15	40
P.11	14x40	3540.0	1640.0	16.3	12.5	125	155	15	40
P.12	14x40	3990.0	1640.0	20.5	16.4	140	164	15	40
P.13	14x40	4440.0	1640.0	10.8	8.8	125	145	15	40
P.14	14x30	0.0	1389.0	13.5	11.0	105	145	15	35
P.15	14x30	650.0	1389.0	15.6	11.1	115	155	15	35
P.16	14x40	1050.0	1312.5	15.8	9.9	125	145	15	35
P.17	14x40	1550.0	1312.5	17.8	12.6	130	155	15	40
P.18	14x40	2035.0	1312.5	16.5	10.7	125	155	15	40
P.19	19x40	2937.5	1312.5	17.5	12.7	130	160	15	40
P.20	14x40	3240.0	1312.5	23.0	20.1	150	145	15	40
P.21	14x40	3540.0	1312.5	20.1	14.2	165	155	15	40
P.22	14x40	3990.0	1312.5	28.3	21.1	165	190	20	50
P.23	14x40	4440.0	1312.5	21.9	15.7	145	155	15	40
P.24	19x40	0.0	983.0	15.2	12.2	145	155	15	35
P.25	14x40	650.0	983.0	19.6	14.4	140	165	15	40
P.26	14x40	1050.0	983.0	17.8	12.2	130	160	15	40
P.27	14x30	1401.7	970.0	14.7	9.9	120	140	15	35
P.28	14x30	1683.3	970.0	13.9	9.3	115	140	15	35
P.29	14x40	2035.0	983.0	20.6	14.7	140	165	15	40
P.30	14x40	2535.0	983.0	27.4	18.6	165	190	20	50
P.31	19x40	2937.5	983.0	20.3	15.1	160	155	15	40
P.32	14x40	1050.0	655.0	15.0	11.1	125	145	15	35
P.33	14x40	1542.5	655.0	22.1	16.1	145	170	15	45
P.34	14x40	2035.0	655.0	22.1	16.1	145	170	15	45
P.35	14x40	2535.0	672.0	27.1	18.4	165	190	20	50
P.36	19x40	2937.5	672.0	25.0	17.4	160	190	20	50
P.37	14x40	0.0	387.0	15.9	12.6	125	145	15	40
P.38	14x40	450.0	387.0	16.3	12.6	130	160	15	40
P.39	14x40	1050.0	387.0	15.0	11.1	120	145	15	40
P.40	14x40	1540.0	472.0	23.2	16.2	145	175	15	45
P.41	14x40	3540.0	472.0	17.0	12.3	125	155	15	40
P.42	14x40	3990.0	472.0	16.6	12.0	125	155	15	40
P.43	14x50	4140.0	472.0	23.5	16.5	145	165	15	50
P.44	14x40	4440.0	472.0	17.8	14.2	130	155	15	40
P.45	14x30	0.0	155.0	11.7	9.1	105	145	15	35
P.46	14x40	1050.0	342.5	14.8	9.7	115	145	15	35
P.47	14x40	2035.0	342.5	16.7	10.7	125	155	15	40
P.48	14x40	2535.0	342.5	16.5	10.7	125	155	15	40
P.49	19x40	2937.5	342.5	17.5	12.7	130	160	15	40
P.50	14x40	450.0	257.5	12.9	8.2	110	140	15	35
P.51	14x40	850.0	257.5	10.9	7.0	100	140	15	35
P.52	14x40	0.0	0.0	7.5	6.0	85	115	25	25
P.53	14x40	450.0	13.0	13.7	10.2	110	140	15	35
P.54	14x40	850.0	13.0	8.9	6.3	90	125	15	35
P.55	14x40	1050.0	13.0	15.6	11.4	125	145	15	35
P.56	14x40	1542.5	0.0	17.5	13.9	130	155	15	40
P.57	14x40	2035.0	13.0	17.6	12.9	125	155	15	40
P.58	14x40	2535.0	13.0	15.6	11.9	125	145	15	35
P.59	19x40	2937.5	13.2	16.2	12.9	125	145	15	35
P.60	14x40	3540.0	13.0	12.8	9.8	110	130	15	35
P.61	14x40	3990.0	13.0	13.4	10.3	110	140	15	35
P.62	14x40	4440.0	13.0	13.4	10.3	110	140	15	35
P.63	14x40	4140.0	13.0	13.1	10.1	110	140	15	35
P.64	14x40	4440.0	-13.0	8.3	6.9	80	115	25	25
P.65	19x40	2937.5	-13.0	4.1	3.1	60	80	25	25
P.66	14x40	300.0	2192.0	3.8	2.0	55	80	25	25
P.67	14x40	450.0	2192.0	3.8	2.0	55	80	25	25
P.68	14x40	0.0	1816.0	4.1	2.4	55	80	25	25
P.69	14x40	450.0	1816.0	4.0	2.4	55	80	25	25
P.70	14x40	325.5	1600.0	12.3	8.7	110	140	15	35
P.71	14x30	4685.5	1647.0	1.0	0.7	55	70	25	25
P.72	14x40	325.5	1295.0	15.5	11.9	130	160	15	40
P.73	14x40	1050.0	1312.5	11.1	7.5	105	145	15	35
P.74	14x40	1650.0	1312.5	11.1	4.2	105	125	15	35
P.75	14x20	4685.5	1394.0	1.4	1.0	55	70	25	25
P.76	14x20	4685.5	1230.0	1.4	1.0	55	70	25	25
P.77	14x20	-250.1	979.0	2.3	0.9	55	70	25	25
P.78	14x20	-137.5	979.0	2.3	1.2	55	80	25	25
P.79	14x20	4685.5	979.0	1.1	0.8	55	70	25	25
P.80	14x20	4712.1	1020.0	1.1	0.2	55	70	25	25
P.81	14x40	325.5	970.0	5.4	3.8	95	125	15	30
P.82	14x40	3540.0	822.5	6.6	5.2	75	105	25	25
P.83	14x40	3940.0	822.5	8.2	4.1	85	115	25	25
P.84	14x40	4140.0	822.5	10.8	5.1	95	125	25	25
P.85	14x40	4440.0	822.5	9.3	5.9	95	125	15	30
P.86	14x20	-250.1	562.5	1.5	0.4	55	70	25	25
P.87	14x20	-137.5	562.5	1.5	0.5	55	70	25	25
P.88	14x20	4677.1	635.0	1.1	0.1	55	80	25	25
P.89	14x20	4732.1	635.0	1.5	0.5	55	70	25	25
P.90	14x40	1050.0	342.5	12.1	8.1	105	130	15	35
P.91	14x30	4685.5	342.5	1.4	1.0	55	70	25	25
P.92	14x30	4685.5	307.5	1.4	1.0	55	70	25	25
P.93	14x20	4685.5	0.0	1.1	0.7	55	70	25	25

CLIENTE: IFC CAMPUS ARAQUARI

LOCAL: BR 280 KM 27

BAIRRO: ----

CIDADE: ARAQUARI - SC

FOLHA 01

revisão 1

FORMA DO PAVIMENTO INFERIOR

PROJETO ESTRUTURAL

DESENHO	ESCALA	DATA	DATA DET. MODIF.
Cirilo Junior	Indicadas	14/09/2013	08/10/2013

Rua Nazareno, 426 - Bairro Gloria - Joinville - SC - Fone 47 3427-6555

CIRILO DE ALEXANDRA ALMEIDA JR
Engenheiro Civil - CREA 094274-6

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