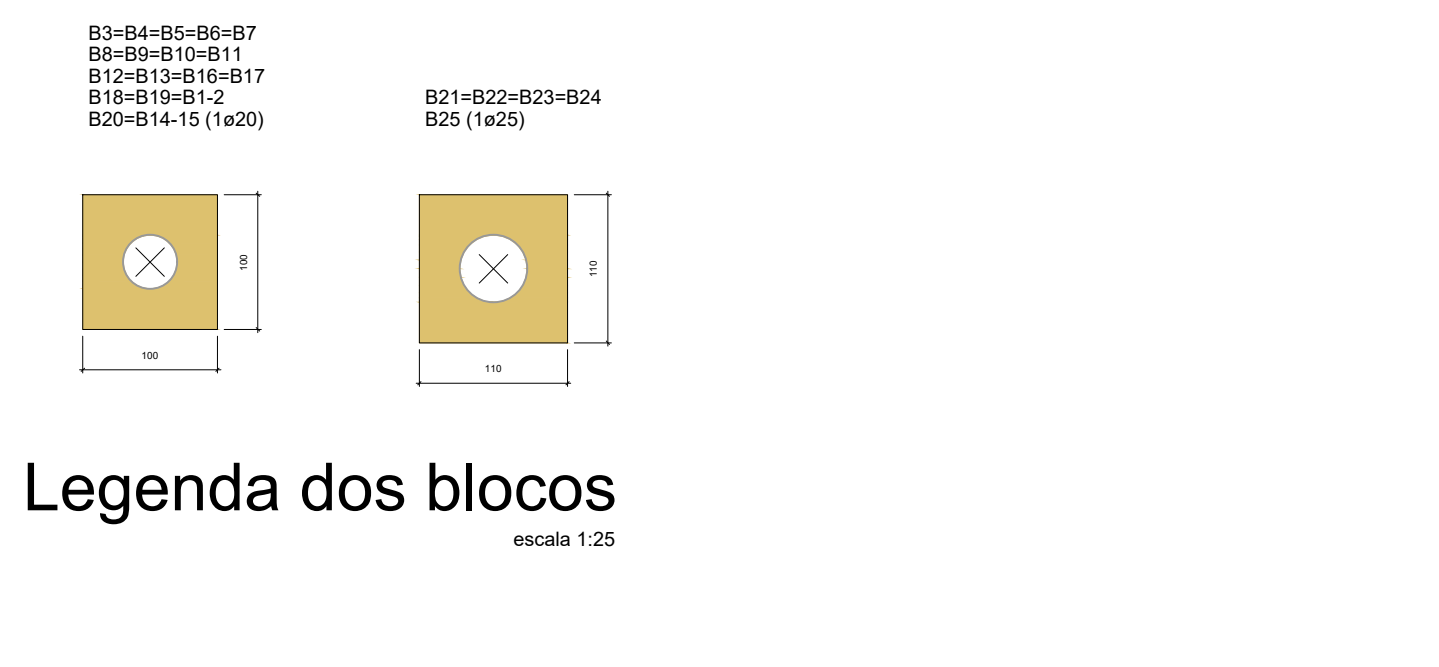


# Planta de locação de divisa 02

escala 1:50

Nome	Seção (cm)	X (cm)	Y (cm)	Pilar				M <sub>y</sub> Máximo (kgf/m)				F <sub>x</sub> Máximo (tf)				F <sub>y</sub> Máximo (tf)			
				Carga Máx. (tf)	Carga Mín. (tf)	M <sub>y</sub> Positivo	M <sub>y</sub> Negativo	M <sub>y</sub> Positivo	M <sub>y</sub> Negativo	F <sub>x</sub> Positivo	F <sub>x</sub> Negativo	F <sub>y</sub> Positivo	F <sub>y</sub> Negativo	F <sub>x</sub> Positivo	F <sub>x</sub> Negativo	F <sub>y</sub> Positivo	F <sub>y</sub> Negativo	F <sub>x</sub> Positivo	F <sub>y</sub> Negativo
P3	20x20	-1369.77	3331.98	0.9	0.7	300	-200	800	-600	0.5	-0.1	0.2	-0.3	-1369.77	P3	6039.18	P31	-1369.77	P3
P4	20x20	-1385.73	3046.97	0.9	0.7	300	-200	600	-700	0.4	-0.3	0.2	-0.3	-1385.73	P4	5893.20	P32	-1385.73	P4
P5	20x20	15.00	2923.83	1.4	1.1	0	200	700	-800	0.5	-0.4	0.1	-0.2	15.00	P5	5611.52	P33	15.00	P5
P6	20x20	-1364.02	2753.72	1.1	0.7	100	-300	-400	-300	0.2	-0.1	0.2	-0.2	-1364.02	P6	5611.52	P34	-1364.02	P6
P7	20x20	-1369.77	2642.83	0.9	0.0	100	0	100	0	0.4	-0.5	0.2	-0.3	-1369.77	P7	5611.52	P35	-1369.77	P7
P8	20x20	15.00	2595.66	0.6	0.4	100	0	200	-200	0.3	-0.4	0.3	-0.1	15.00	P8	4838.41	P36	15.00	P8
P9	20x20	-1369.77	2595.66	1.1	0.5	300	-100	200	-100	0.6	-0.6	0.2	-0.1	-1369.77	P9	4838.41	P37	-1369.77	P9
P10	20x20	-318.51	2336.40	0.8	0.6	100	-300	100	-200	0.5	-0.6	0.2	-0.1	-318.51	P10	4838.41	P38	-318.51	P10
P11	20x20	-537.67	2482.24	0.9	0.7	300	-300	100	-200	0.5	-0.6	0.2	-0.1	-537.67	P11	4838.41	P39	-537.67	P11
P12	20x20	-342.61	2425.23	1.1	0.4	200	-100	100	-200	0.6	-0.5	0.1	-0.2	-342.61	P12	4838.41	P40	-342.61	P12
P13	20x20	13.25	2375.81	1.2	0.1	100	0	100	-200	0.5	-0.5	0.2	-0.1	13.25	P13	4838.41	P41	13.25	P13
P14	20x20	-669.23	2322.64	0.9	0.0	300	-200	800	-600	0.4	-0.3	0.2	-0.1	-669.23	P14	4838.41	P42	-669.23	P14
P15	20x20	-1088.35	2038.99	0.9	0.0	300	-200	800	-1500	0.5	-0.4	0.2	-0.1	-1088.35	P15	4838.41	P43	-1088.35	P15
P16	20x20	-669.23	1922.64	1.2	0.3	300	-100	600	-500	0.5	-0.6	0.2	-0.1	-669.23	P16	4838.41	P44	-669.23	P16
P17	20x20	-1088.35	1938.99	0.9	0.0	300	-200	800	-1500	0.5	-0.4	0.2	-0.1	-1088.35	P17	4838.41	P45	-1088.35	P17
P18	20x20	-669.23	1822.64	1.2	0.3	300	-100	600	-500	0.5	-0.6	0.2	-0.1	-669.23	P18	4838.41	P46	-669.23	P18
P19	20x20	-765.39	1513.52	1.0	0.0	300	-400	1000	-1100	0.5	-0.4	0.2	-0.1	-765.39	P19	4838.41	P47	-765.39	P19
P20	20x20	-142.25	1435.77	1.0	0.8	400	-400	1100	-1000	0.5	-0.6	0.2	-0.3	-142.25	P20	4838.41	P48	-142.25	P20
P21	20x20	-842.51	1438.47	1.0	0.0	300	-300	800	-1000	0.4	-0.3	0.2	-0.1	-842.51	P21	4838.41	P49	-842.51	P21
P22	20x20	-148.77	609.18	2.6	0.0	300	-100	100	-200	0.7	-0.6	0.3	-0.2	-148.77	P22	4838.41	P50	-148.77	P22
P23	20x20	-381.26	6042.09	0.9	0.0	100	-300	100	-200	0.7	-0.7	0.5	-0.4	-381.26	P23	4838.41	P51	-381.26	P23
P24	20x20	-549.13	5893.20	1.2	-0.2	100	-200	800	-400	0.1	-0.2	0.2	-0.1	-549.13	P24	4838.41	P52	-549.13	P24
P25	20x20	-581.90	5821.46	1.8	-0.2	100	-100	600	-700	0.1	-0.2	0.1	-0.1	-581.90	P25	4838.41	P53	-581.90	P25
P26	20x20	-464.68	5511.52	1.6	0.0	400	-500	1400	-1500	0.4	-0.3	0.2	-0.1	-464.68	P26	4838.41	P54	-464.68	P26
P27	20x20	-425.34	4225.23	1.1	0.8	300	-400	1100	-1000	0.4	-0.5	0.2	-0.3	-425.34	P27	4838.41	P55	-425.34	P27

Nome	Seção (cm)	X (cm)	Y (cm)	Pilar				M <sub>y</sub> Máximo (kgf/m)				F <sub>x</sub> Máximo (tf)				F <sub>y</sub> Máximo (tf)			
				Carga Máx. (tf)	Carga Mín. (tf)	M <sub>y</sub> Positivo	M <sub>y</sub> Negativo	M <sub>y</sub> Positivo	M <sub>y</sub> Negativo	F <sub>x</sub> Positivo	F <sub>x</sub> Negativo	F <sub>y</sub> Positivo	F <sub>y</sub> Negativo	F <sub>x</sub> Positivo	F <sub>x</sub> Negativo	F <sub>y</sub> Positivo	F <sub>y</sub> Negativo	F <sub>x</sub> Positivo	F <sub>y</sub> Negativo
P3	20x20	-1369.77	3331.98	0.9	0.7	300	-200	800	-600	0.5	-0.1	0.2	-0.3	-1369.77	P3	6039.18	P31	-1369.77	P3
P4	20x20	-1385.73	3046.97	0.9	0.7	300	-200	600	-700	0.4	-0.3	0.2	-0.3	-1385.73	P4	5893.20	P32	-1385.73	P4
P5	20x20	15.00	2923.83	1.4	1.1	0	200	700	-800	0.5	-0.4	0.1	-0.2	15.00	P5	5611.52	P33	15.00	P5
P6	20x20	-1364.02	2753.72	1.1	0.7	100	-300	-400	-300	0.2	-0.1	0.2	-0.2	-1364.02	P6	5611.52	P34	-1364.02	P6
P7	20x20	-1369.77	2642.83	0.9	0.0	100	0	100	0	0.4	-0.5	0.2	-0.3	-1369.77	P7	5611.52	P35	-1369.77	P7
P8	20x20	15.00	2595.66	0.6	0.4	100	0	200	-200	0.3	-0.4	0.3	-0.1	15.00	P8	4838.41	P36	15.00	P8
P9	20x20	-1369.77	2595.66	1.1	0.5	300	-100	200	-100	0.6	-0.6	0.2	-0.1	-1369.77	P9	4838.41	P37	-1369.77	P9
P10	20x20	-318.51	2336.40	0.8	0.6	100	-300	100	-200	0.5	-0.6	0.2	-0.1	-318.51	P10	4838.41	P38	-318.51	P10
P11	20x20	-537.67	2482.24	0.9	0.7	300	-300	100	-200	0.5	-0.6	0.2	-0.1	-537.67	P11	4838.41	P39	-537.67	P11
P12	20x20	-342.61	2425.23	1.1	0.4	200	-100	100	-200	0.6	-0.5	0.1	-0.2	-342.61	P12	4838.41	P40	-342.61	P12
P13	20x20	13.25	2375.81	1.2	0.1	100	0	100	-200	0.5	-0.5	0.2	-0.1	13.25	P13	4838.41	P41	13.25	P13
P14	20x20	-669.23	2322.64	0.9	0.0	300	-200	800	-600	0.4	-0.3	0.2	-0.1	-669.23	P14	4838.41	P42	-669.23	P14
P15	20x20	-1088.35	2038.99	0.9	0.0	300	-200	800	-1500	0.5	-0.4	0.2	-0.1	-1088.35	P15	4838.41	P43	-1088.35	P15
P16	20x20	-669.23	1922.64	1.2	0.3	300	-100	600	-500	0.5	-0.6	0.2	-0.1	-669.23	P16	4838.41	P44	-669.23	P16
P17	20x20	-1088.35	1938.99	0.9	0.0	300	-200	800	-1500	0.5	-0.4	0.2	-0.1	-1088.35	P17	4838.41	P45	-1088.35	P17
P18	20x20	-669.23	1822.64	1.2	0.3	300	-100	600	-500	0.5	-0.6	0.2	-0.1	-669.23	P18	4838.41	P46	-669.23	P18
P19	20x20	-765.39	1513.52	1.0	0.0	300	-400	1000	-1100	0.5	-0.4	0.2	-0.1	-765.39	P19	4838.41	P47	-765.39	P19
P20	20x20	-142.25	1435.77	1.0	0.8	400	-400	1100	-1000	0.5	-0.6	0.2	-0.3	-142.25	P20	4838.41	P48	-142.25	P20
P21	20x20	-842.51	1438.47	1.0	0.0	300	-300	800	-1000	0.4	-0.3	0.2	-0.1	-842.51	P21	4838.41	P49	-842.51	P21
P22	20x20	-148.77	609.18	2.6	0.0	300	-100	100	-200	0.7	-0.6	0.3	-0.2	-148.77	P22	4838.41	P50	-148.77	P22
P23	20x20	-381.26	6042.09	0.9	0.0	100	-300	100	-200	0.7	-0.7	0.5	-0.4	-381.26	P23	4838.41	P51	-381.26	P23
P24	20x20	-549.13	5893.20	1.2	-0.2	100	-200	800	-400	0.1	-0.2	0.2	-0.1	-549.13	P24	4838.41	P52	-549.13	P24
P25	20x20	-581.90	5821.46	1.8	-0.2	100	-100	600	-700	0.1	-0.2	0.1	-0.1	-581.90	P25	4838.41	P53	-581.90	P25
P26	20x20	-464.68	5511.52	1.6	0.0	400	-500	1400	-1500	0.4	-0.3	0.2	-0.1	-464.68	P26	4838.41	P54	-464.68	P26
P27	20x20	-425.34	4225.23	1.1	0.8	300	-400	1100	-1000	0.4	-0.5	0.2	-0.3	-425.34	P27	4838.41	P55	-425.34	P27



Os dados indicados foram fornecidos para a elaboração dos valores relativos às atividades para a elaboração dos relatórios complementares, deve-se consultar o relatório de esforços na fundição, que apresenta os valores calculados para cada combinação

Estação brochantada	
de	Quantidade
(cm)	
20	15
25	5