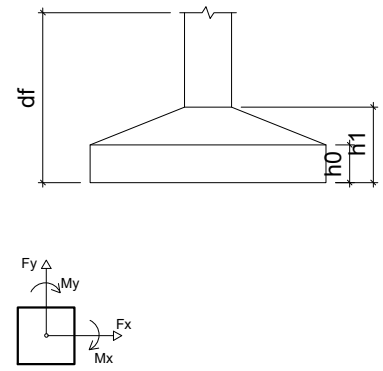


Nome	Seção (cm)	X (cm)	Y (cm)	Pier		Mx (kgf/cm)	My (kgf/cm)	Fx (kgf)	Fy (kgf)	Lado B (cm)		Lado T (cm)	H1/Ho (cm)	H1/Ho (cm)	df (cm)
				Carga Min. (t)	Carga Max. (t)										
P1	15x30	15.00	4312.50	3.2	1.7	100	0.0	0.0	0.0	100	100	25	25	25	200
P2	15x30	315.00	4312.50	4.5	3.7	200	800	0.0	0.1	85	100	25	25	25	200
P3	15x30	615.00	4312.50	4.1	2.0	200	800	0.7	0.1	85	100	25	25	25	200
P4	20x20	774.00	4312.37	3.2	0.2	200	400	0.4	0.2	85	85	25	25	25	200
P5	15x30	1515.00	3957.50	6.4	3.7	200	800	0.5	0.2	85	100	25	25	25	200
P6	15x30	315.00	3957.50	7.6	6.4	100	800	0.8	0.1	100	115	20	30	30	200
P7	15x30	615.00	3957.50	7.7	6.4	300	800	0.7	0.3	100	115	20	30	30	200
P8	20x20	774.00	3957.50	4.5	1.5	200	400	0.4	0.2	85	85	25	25	25	200
P9	15x30	1515.00	3957.50	5.1	2.0	200	800	0.6	0.2	85	100	25	25	25	200
P10	15x30	315.00	3957.50	7.7	6.5	100	800	0.8	0.1	100	115	20	30	30	200
P11	15x30	615.00	3957.50	6.9	4.6	300	800	0.7	0.2	100	115	20	30	30	200
P12	20x20	774.00	3957.50	4.5	1.5	300	400	0.4	0.3	85	85	25	25	25	200
P13	20x20	853.00	3575.00	1.6	0.2	300	500	0.4	0.2	90	90	25	25	25	200
P14	20x25	1213.50	3575.00	1.5	1.1	500	1100	0.7	0.2	115	110	20	30	30	200
P15	20x25	1571.50	3575.00	1.5	1.1	500	1100	0.7	0.2	115	110	20	30	30	200
P16	20x25	1927.00	3575.00	1.6	0.2	300	500	0.4	0.2	90	90	25	25	25	200
P17	20x20	853.00	3420.57	1.6	0.2	300	500	0.4	0.2	90	90	25	25	25	200
P18	20x25	1213.50	3420.57	1.5	1.1	500	1100	0.7	0.2	115	110	20	30	30	200
P19	20x25	1571.50	3420.57	1.5	1.1	500	1100	0.7	0.2	115	110	20	30	30	200
P20	20x20	1927.00	3420.57	1.6	0.2	300	500	0.4	0.2	90	90	25	25	25	200
P21	T 35x33x18x15	7.50	3240.00	8.3	6.8	700	2700	1.5	0.4	130	135	20	35	20	200
P22	T 35x33x18x15	622.50	3240.00	11.7	11.1	600	2700	1.5	0.4	140	145	20	35	20	200
P23	24x24	776.00	3238.00	1.7	-0.2	400	800	0.3	0.3	80	80	0	0	0	200
P24	15x30	1515.00	2882.50	4.7	3.1	200	800	0.5	0.2	85	100	25	25	25	200
P25	15x30	315.00	2882.50	7.5	6.3	100	800	0.8	0.1	100	115	20	30	30	200
P26	15x30	615.00	2882.50	6.8	4.5	300	800	0.6	0.2	100	115	20	30	30	200
P27	20x20	774.00	2882.50	5.0	1.9	200	400	0.4	0.2	85	85	25	25	25	200
P28	T 35x33x18x15	7.50	2520.00	8.3	6.8	700	2700	1.5	0.4	130	135	20	35	20	200
P29	T 35x33x18x15	622.50	2520.00	14.0	11.3	600	2700	1.5	0.4	140	145	20	35	20	200
P30	24x24	776.00	2520.00	1.8	-0.1	400	800	0.3	0.3	0	0	0	0	0	200
P31	15x30	1515.00	2152.50	3.1	1.5	200	800	0.5	0.1	80	105	25	25	25	200
P32	15x30	315.00	2152.50	3.1	1.5	200	800	0.5	0.2	85	105	25	25	25	200
P33	15x30	615.00	2152.50	4.7	3.8	100	800	0.7	0.1	80	105	25	25	25	200
P34	15x30	315.00	2152.50	4.7	3.9	100	1000	0.7	0.1	90	105	25	25	25	200
P35	15x30	615.00	2152.50	4.3	3.5	200	1000	0.8	0.1	90	105	25	25	25	200
P36	15x30	615.00	2152.50	4.3	2.2	200	1000	0.8	0.1	90	105	25	25	25	200
P37	20x20	774.00	2152.50	3.6	0.8	200	500	0.4	0.2	85	85	25	25	25	200
P38	20x20	774.00	2150.00	3.6	0.6	200	500	0.4	0.2	85	85	25	25	25	200
P39	T 35x33x18x15	7.50	1785.00	8.4	6.9	600	2700	1.5	0.4	130	135	20	35	20	200
P40	T 35x33x18x15	622.50	1785.00	14.0	11.3	600	2700	1.5	0.4	140	145	20	35	20	200
P41	24x24	776.00	1785.00	1.5	0	400	800	0.3	0.3	0	0	0	0	0	200
P42	15x30	1515.00	1437.50	4.9	3.3	200	800	0.5	0.1	85	100	25	25	25	200
P43	15x30	315.00	1437.50	7.8	6.6	100	800	0.7	0.1	80	105	25	25	25	200
P44	15x30	615.00	1437.50	6.9	4.5	200	1000	0.8	0.1	100	115	20	30	30	200
P45	20x20	774.00	1437.50	4.5	1.6	200	500	0.4	0.2	85	85	25	25	25	200
P46	T 35x33x18x15	7.50	1080.00	8.2	6.7	600	2700	1.5	0.3	130	135	20	35	20	200
P47	T 35x33x18x15	622.50	1080.00	13.7	11.1	600	2700	1.5	0.3	140	145	20	35	20	200
P48	24x24	776.00	1078.00	1.7	0	400	800	0.2	0.2	85	100	25	25	25	200
P49	15x30	1515.00	722.50	5.1	3.4	200	800	0.5	0.2	85	100	25	25	25	200
P50	15x30	315.00	722.50	7.8	6.6	100	800	0.7	0.1	100	115	20	30	30	200
P51	15x30	615.00	722.50	6.9	4.6	200	1000	0.8	0.1	100	115	20	30	30	200
P52	20x20	774.00	722.50	5.0	1.9	200	500	0.4	0.2	85	85	25	25	25	200
P53	T 35x33x18x15	7.50	365.00	8.6	7.0	600	2700	1.5	0.4	130	135	20	35	20	200
P54	T 35x33x18x15	622.50	365.00	14.1	11.4	600	2700	1.5	0.4	145	150	20	40	20	200
P55	24x24	776.00	361.08	1.6	0	300	800	0.3	0.2	0	0	0	0	0	100
P56	15x30	1515.00	7.50	3.1	1.5	200	800	0.5	0.1	80	105	25	25	25	200
P57	15x30	315.00	7.50	4.5	3.8	100	800	0.7	0.1	90	105	25	25	25	200
P58	15x30	615.00	7.50	4.3	2.2	100	1000	0.8	0.1	90	105	25	25	25	200
P59	20x20	775.00	7.50	3.5	0.6	200	500	0.4	0.2	85	85	25	25	25	200


Localização no eixo X	
Coordenadas (cm)	Nome
7.50	P21, P28, P30, P46, P53
15.00	P1, P5, P9, P24, P32, P31, P42, P48, P58
315.00	P2, P6, P10, P25, P34, P35, P43, P50, P57
615.00	P3, P7, P11, P26, P36, P56, P44, P51, P56
622.50	P22, P38, P40, P47, P54
774.00	P4, P8, P12, P27, P37, P38, P45, P52
775.00	P59
776.00	P23, P30, P41, P48, P55
1213.50	P14, P18
1571.50	P16, P19
1927.00	P10, P20

Localização no eixo Y	
Coordenadas (cm)	Nome
4312.50	P1, P2, P5
4312.37	P4
3957.50	P8
3957.00	P5, P6, P7
3957.00	P9, P10, P11, P12
3575.00	P13, P16
3575.00	P14, P15
3420.57	P17
3420.57	P18, P19
3418.07	P21, P22
3238.00	P23, P26, P36, P27
2882.50	P28, P29
2523.00	P30
2152.50	P31, P36, P37
2152.50	P32, P34, P35
1785.00	P38, P40
1785.00	P41
1437.50	P42, P43, P44, P45
1080.00	P46, P47
1078.00	P48
722.50	P49, P50, P51, P52
365.00	P53, P54
361.08	P55
7.50	P56, P57, P58



Planta de locação

escala 1:50

Obra:	AMPLIAÇÃO DA ESCOLA XV DE OUTUBRO PLANTA DE LOCAÇÃO.
	PREFEITURA MUNICIPAL DE CAMPOS DE JÚLIO CGC: 01.614.516/0001-99
Autor do Projeto:	Luiz Carlos Correia de Oliveira Eng. Civil - CREA 1202470122
Responsável Técnico p/obra:	
PROJETO ESTRUTURAL	
DESENHO: Luiz Carlos	DATA: 10/06/2018
ESCALA: 1:150	