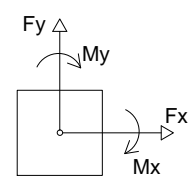
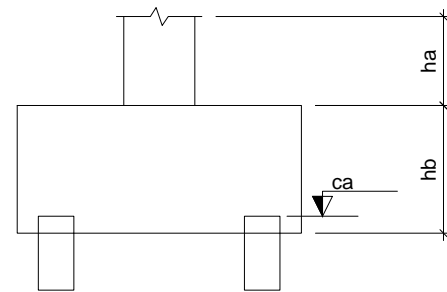


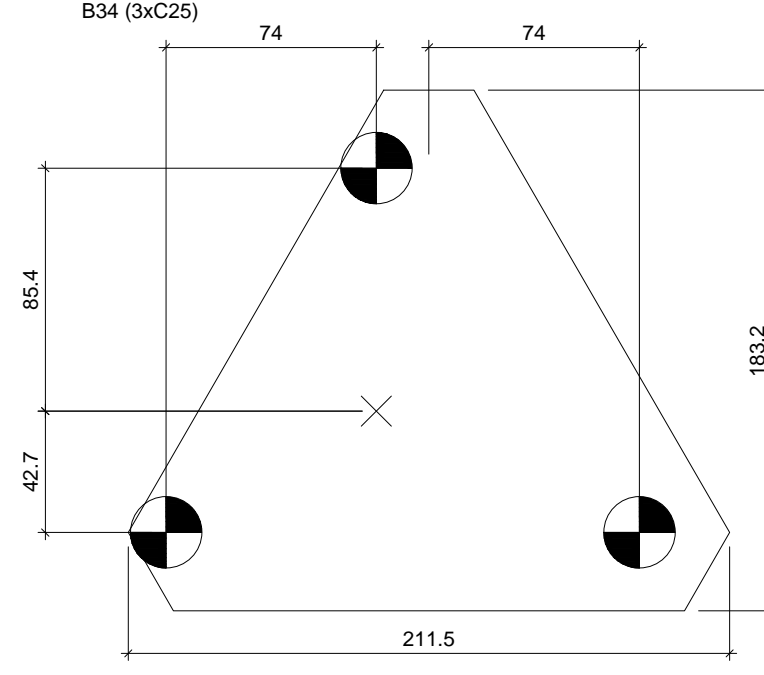
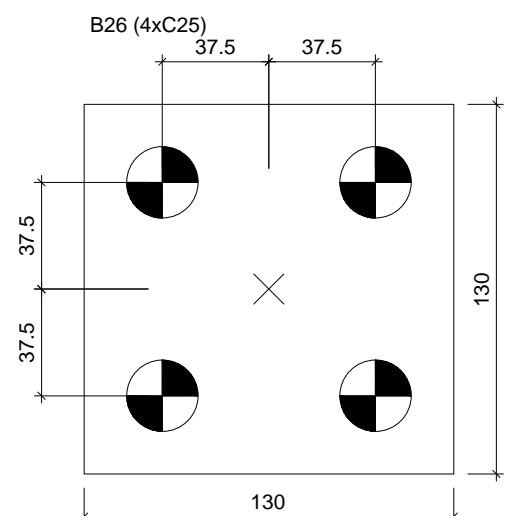
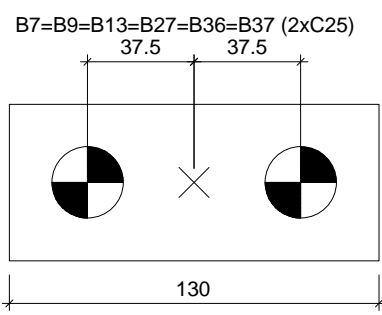
Planta de locação
escala 1:100

| Pilar | | | | | | | | | | Fundação | | | | Bloco | |
|-------|------------|--------|---------|-----------------|-----------------|------------|------------|---------|---------|-------------|-------------|--------------|--------------|-------|---------|
| Nome | Seção (cm) | X (cm) | Y (cm) | Carga Máx. (tf) | Carga Min. (tf) | Mx (kgf.m) | My (kgf.m) | Fx (tf) | Fy (tf) | Lado B (cm) | Lado H (cm) | h0 / ha (cm) | h1 / hb (cm) | ne | Estaca |
| P1 | 13x33 | 7.60 | 1911.72 | 4.0 | 3.3 | 200 | 100 | 0.5 | 0.4 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P2 | 13x33 | 417.50 | 1911.72 | 4.1 | 3.4 | 200 | 100 | 0.5 | 0.1 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P3 | 14x30 | 582.50 | 1913.21 | 5.5 | 4.9 | 100 | 200 | 0.9 | 0.7 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P4 | 23x30 | 909.00 | 1916.72 | 6.8 | 6.0 | 100 | 300 | 0.9 | 1.1 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P5 | 23x30 | 427.60 | 1743.21 | 4.0 | 2.9 | 200 | 300 | 0.5 | 0.3 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P6 | 23x30 | 12.60 | 1578.22 | 10.0 | 8.5 | 200 | 400 | 2.0 | 1.2 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P7 | 23x30 | 424.10 | 1581.72 | 9.5 | 7.6 | 100 | 500 | 1.9 | 0.7 | 130 | 55 | 0 | 50 | 2 | C25 -35 |
| P8 | 14x30 | 582.50 | 1578.22 | 6.2 | 4.7 | 200 | 200 | 0.1 | 0.6 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P9 | 23x30 | 912.50 | 1578.22 | 7.8 | 6.8 | 200 | 500 | 0.4 | 0.7 | 130 | 55 | 0 | 50 | 2 | C25 -35 |
| P10 | 14x30 | 591.00 | 1306.72 | 4.4 | 3.3 | 100 | 200 | 0.3 | 0.2 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P11 | 14x25 | 792.00 | 1306.71 | 5.6 | 4.0 | 200 | 200 | 0.7 | 1.0 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P12 | 23x30 | 909.00 | 1311.72 | 4.4 | 2.4 | 100 | 300 | 0.3 | 0.6 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P13 | 23x30 | 12.60 | 1171.67 | 11.2 | 9.7 | 200 | 800 | 0.7 | 1.0 | 130 | 55 | 0 | 50 | 2 | C25 -35 |
| P14 | 14x30 | 422.60 | 1171.72 | 9.8 | 7.5 | 200 | 200 | 0.2 | 0.9 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P15 | 14x30 | 582.50 | 1171.72 | 2.0 | 1.8 | 100 | 100 | 0.3 | 0.2 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P16 | 14x30 | 590.50 | 1036.72 | 3.6 | 2.7 | 100 | 200 | 0.3 | 0.1 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P17 | 14x25 | 792.00 | 1036.72 | 5.3 | 4.2 | 200 | 200 | 0.6 | 1.0 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P18 | 23x30 | 912.50 | 1028.21 | 3.3 | 1.9 | 100 | 200 | 0.3 | 0.3 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P19 | 14x30 | 582.50 | 861.71 | 4.6 | 3.6 | 100 | 200 | 0.8 | 0.2 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P20 | 23x30 | 912.50 | 861.72 | 5.3 | 4.4 | 200 | 200 | 0.8 | 0.4 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P21 | 23x30 | 16.10 | 701.72 | 7.2 | 4.3 | 200 | 200 | 0.3 | 1.9 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P22 | 23x25 | 132.35 | 701.66 | 11.8 | 8.1 | 200 | 200 | 0.4 | 1.8 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P23 | 14x30 | 323.55 | 706.72 | 2.7 | 2.3 | 300 | 200 | 0.6 | 1.5 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P24 | 14x30 | 422.60 | 706.72 | 10.6 | 8.1 | 200 | 100 | 0.4 | 1.2 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P25 | 14x30 | 582.50 | 706.72 | 5.1 | 3.9 | 100 | 200 | 0.4 | 0.2 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P26 | 23x58 | 895.00 | 701.72 | 5.6 | 4.7 | 700 | 1700 | 1.1 | 2.4 | 130 | 130 | 0 | 55 | 4 | C25 -40 |
| P27 | 23x30 | 877.50 | 507.41 | 8.1 | 7.2 | 400 | 500 | 0.2 | 2.5 | 130 | 55 | 0 | 50 | 2 | C25 -35 |
| P28 | 23x30 | 12.50 | 358.22 | 5.0 | 3.1 | 200 | 100 | 0.3 | 1.2 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P29 | 14x30 | 133.35 | 366.72 | 10.0 | 7.2 | 300 | 100 | 0.2 | 1.6 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P30 | 14x30 | 323.55 | 366.71 | 2.8 | 2.3 | 200 | 200 | 0.6 | 1.5 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P31 | 14x30 | 414.50 | 366.71 | 9.2 | 6.3 | 100 | 100 | 0.3 | 0.2 | 55 | 55 | 0 | 55 | 1 | C25 -40 |
| P32 | 23x30 | 417.50 | 236.72 | 7.5 | 6.5 | 100 | 400 | 1.9 | 0.3 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P33 | 23x30 | 798.40 | 236.72 | 6.3 | 5.0 | 300 | 300 | 1.8 | 0.2 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P34 | 15x100 | 683.44 | 87.88 | 4.2 | 3.5 | 2200 | 1700 | 0.5 | 0.8 | 212 | 183 | 0 | 85 | 3 | C25 -70 |
| P35 | 23x30 | 16.00 | 56.72 | 7.1 | 6.2 | 200 | 300 | 1.7 | 1.2 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P36 | 23x30 | 414.00 | 56.71 | 6.4 | 5.8 | 100 | 300 | 2.0 | 0.3 | 55 | 55 | 0 | 45 | 1 | C25 -30 |
| P37 | 23x30 | 417.50 | 16.22 | 0.9 | 0.3 | 100 | 200 | 0.5 | 0.3 | 55 | 55 | 0 | 45 | 1 | C25 -30 |

| Estacas | | |
|------------|-----------|------------|
| Simbologia | Nome | Quantidade |
| | C25 25.00 | 46 |



B1=B2=B3=B4=B5=B6
B8=B10=B11+B12+B14
B15=B16=B17+B18
B19=B20=B21+B22
B23=B24=B25+B28
B29=B30=B31=B32
B33=B35 (1xC25)



Blocos
escala 1:50

| Locação no eixo X | | Locação no eixo Y | |
|-------------------|-----------------------|-------------------|---------------|
| Coordenadas (cm) | Nome | Coordenadas (cm) | Nome |
| 7.60 | P1 | 1916.72 | P4 |
| 12.50 | P28 | 1913.21 | P3 |
| 12.60 | P6, P13 | 1911.72 | P1, P2 |
| 16.00 | P35 | 1743.21 | P5 |
| 16.10 | P21 | 1581.72 | P7 |
| 132.35 | P22 | 1578.22 | P6, P8, P9 |
| 133.35 | P29 | 1311.72 | P12 |
| 323.35 | P30 | 1306.72 | P10 |
| 323.55 | P23 | 1306.71 | P11 |
| 414.00 | P36 | 1171.72 | P14, P15 |
| 414.50 | P31 | 1171.67 | P13 |
| 417.50 | P2, P32, P37 | 1036.72 | P16, P17 |
| 422.60 | P14, P24 | 1028.21 | P18 |
| 424.10 | P7 | 861.71 | P19 |
| 427.60 | P5 | 861.72 | P20 |
| 582.50 | P3, P8, P15, P19, P25 | 706.72 | P23, P24, P25 |
| 590.50 | P16 | 701.72 | P21, P26 |
| 591.00 | P10 | 701.66 | P22 |
| 683.44 | P34 | 507.41 | P27 |
| 792.00 | P11, P17 | 366.72 | P29 |
| 798.40 | P33 | 366.71 | P30, P31 |
| 877.50 | P27 | 358.22 | P28 |
| 895.00 | P26 | 236.72 | P32, P33 |
| 909.00 | P4, P12 | 87.88 | P35 |
| 912.50 | P9, P18, P20 | 56.71 | P36 |
| | | 16.22 | P37 |



PREFEITURA MUNICIPAL DE PELOTAS
SEPLAG - SECRETARIA DE PLANEJAMENTO E GESTÃO

CRAS- CENTRO DE REFERÊNCIA EM ASSISTÊNCIA SOCIAL
ENDEREÇO: RUA 15 S/Nº NÚCLEO RESIDENCIAL PESTANO
PROJETO ESTRUTURAL - LOCAÇÃO DE ESTACAS

Prancha
01/13

EQUIPE TÉCNICA DA SEPLAG
Eng. Civil Patrícia Waltzer da Silva CREA-RS 139996
Eng. Civil Mirela Silveira de Farias CREA-RS 146401

Escala
INDICADA
Data
JANEIRO / 2018

Rua Av. Ferreira Viana, nº. 1135, Areal, CEP 96085-000, Pelotas/RS - Tel.: (053) 3227-1513