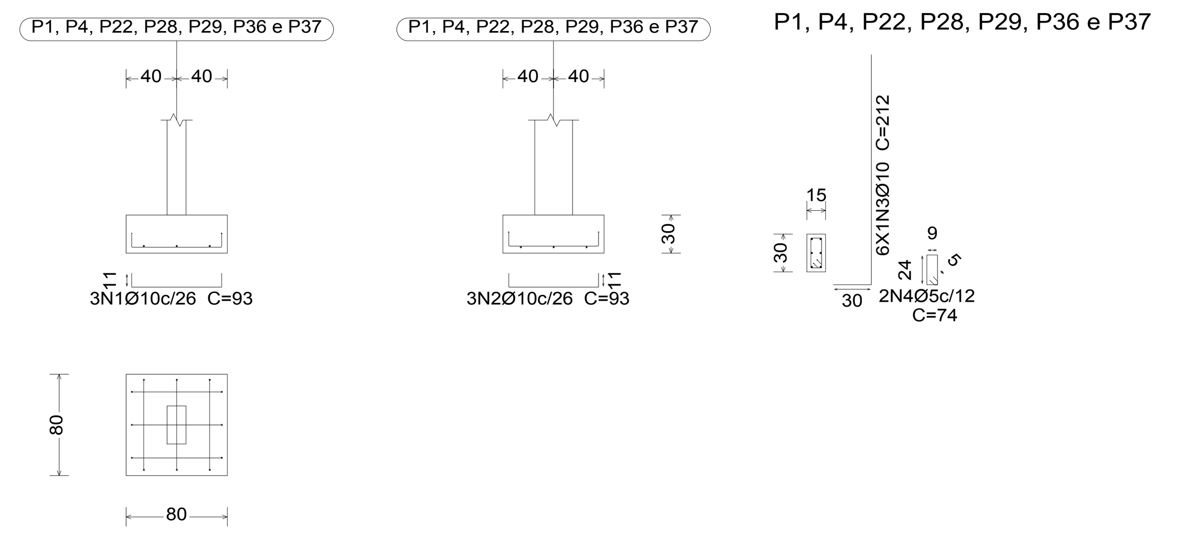
FUNDAÇÃO
Detalhamento fundação
Concreto: C25, em geral
Escala: 1:50

| Resumo Aço FUNDAÇÃO Detalhamento fundação | | Comp. total (m) | Peso+10% (kg) | Total |
|---|---|---|---|---|
| CA-50 | Ø10 | 783.0 | 531 | |
| | Ø12.5 | 52.8 | 56 | 587 |
| CA-60 | Ø5 | 74.6 | 13 | 13 |
| Total | | | | 600 |

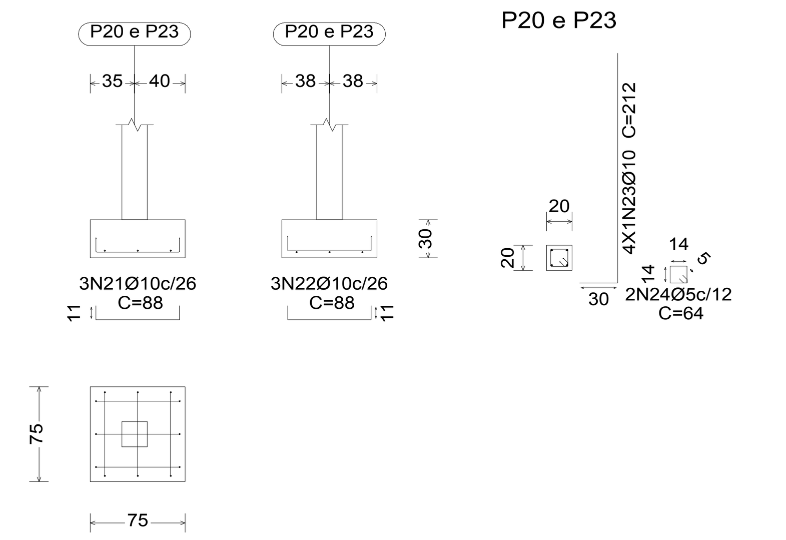
QUADRO DE ELEMENTOS DE FUNDAÇÃO

| Referências | Dimensões (cm) | Altura (cm) | Armadura inf. X | Armadura inf. Y |
|---|---|---|---|---|
| P1, P2, P4, P5, P6, P11, P12, P16, P17, P18, P21, P22, P24, P25, P28, P29, P33, P34, P36, P37 e P41 | 80x80 | 30 | 3Ø10c/26 | 3Ø10c/26 |
| P3, P20, P23 e P32 | 75x75 | 30 | 3Ø10c/26 | 3Ø10c/26 |
| P7, P8, P9, P10, P13, P14, P15, P19, P26, P27, P30, P31 e P35 | 100x100 | 35 | 6Ø10c/15 | 6Ø10c/15 |
| P38, P39, P40 e P42 | 85x85 | 30 | 3Ø10c/26 | 3Ø10c/26 |

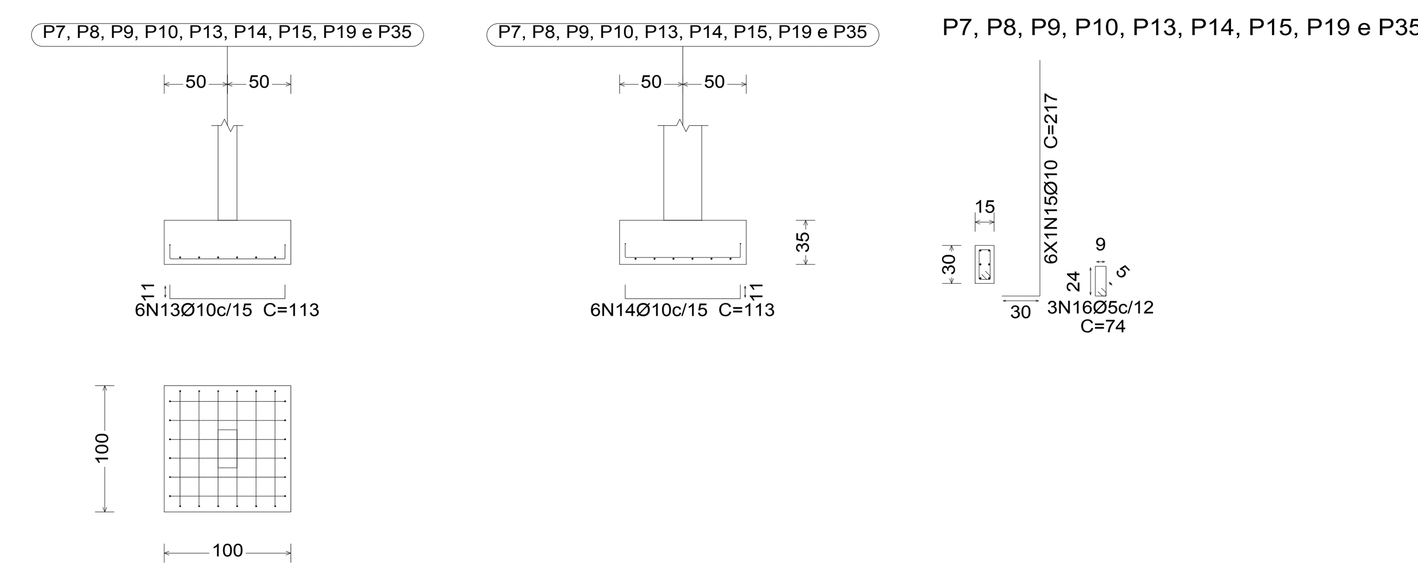
P1, P4, P22, P28, P29, P36 e P37



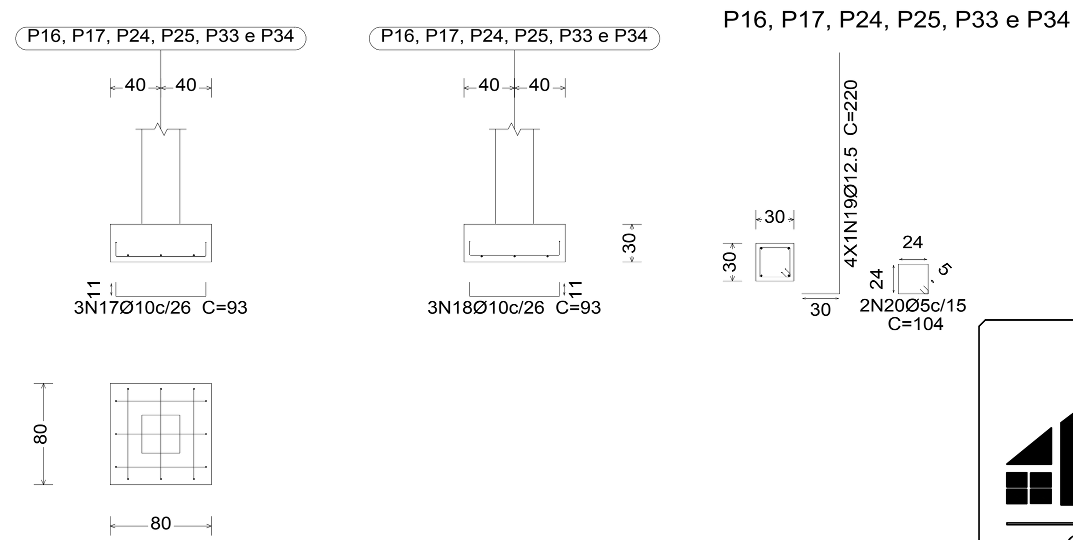

P20 e P23



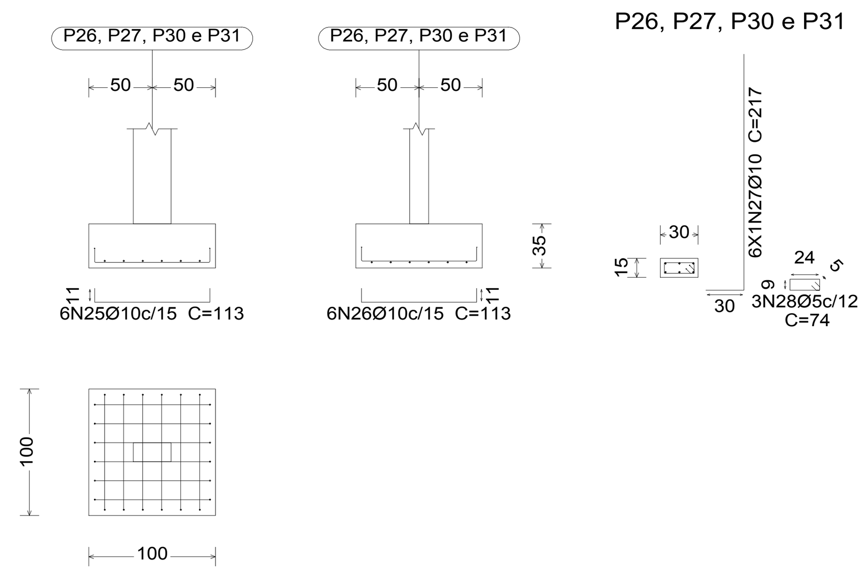

P7, P8, P9, P10, P13, P14, P15, P19 e P35



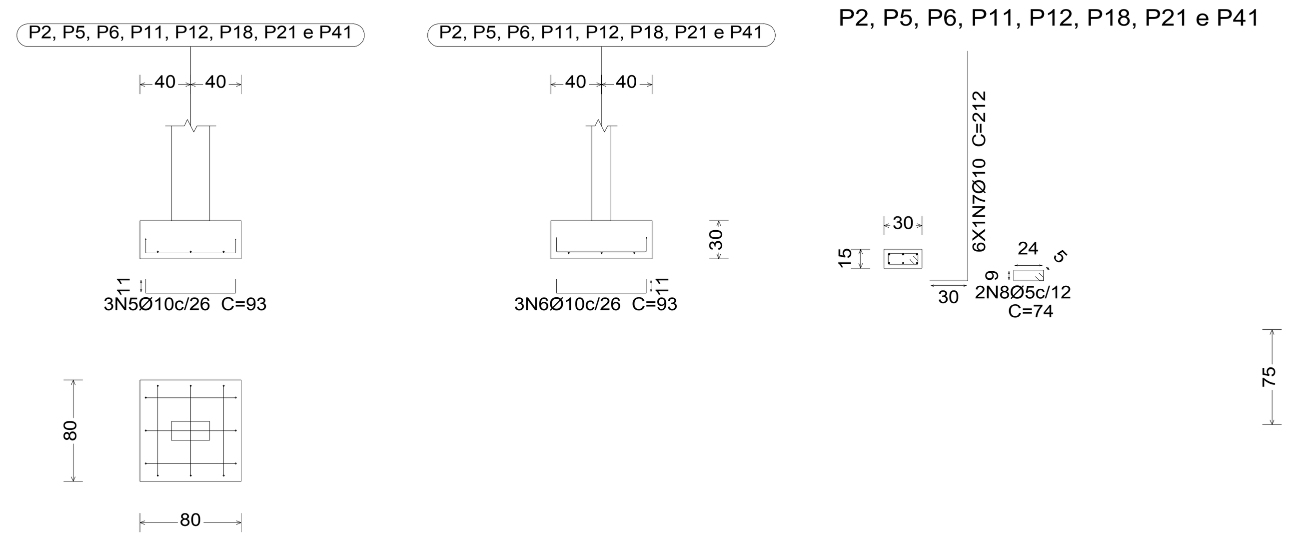

P16, P17, P24, P25, P33 e P34



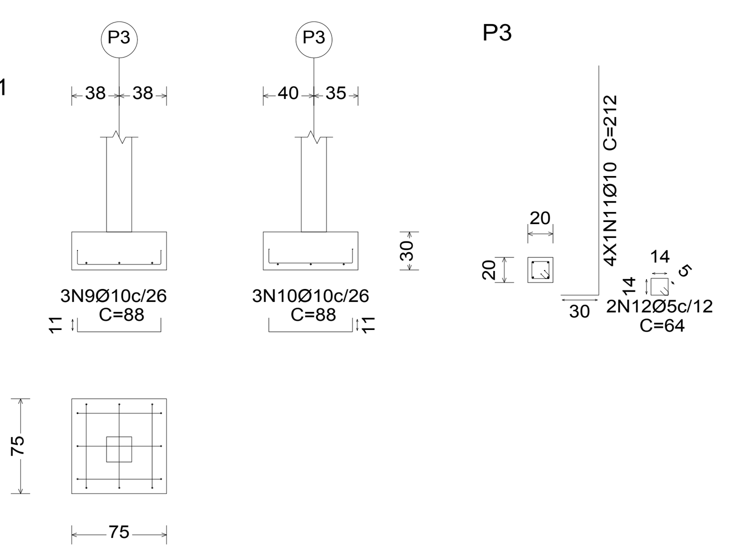

P26, P27, P30 e P31

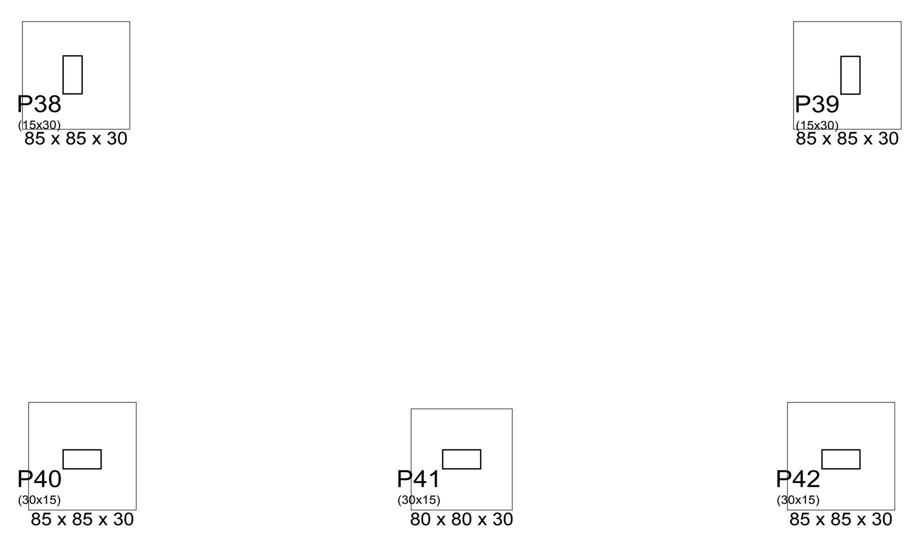



P2, P5, P6, P11, P12, P18, P21 e P41




P3




| Elemento | Pos. | Diam. | Q. | Dob. (cm) | Reta (cm) | Dob. (cm) | Comp. (cm) | Total (cm) | CA-50 (kg) | CA-60 (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| P1=P4=P22=P28 P29=P36=P37 | 1 | Ø10 | 3 | 11 | 71 | 11 | 93 | 279 | 1.7 | |
| | 2 | Ø10 | 3 | 11 | 71 | 11 | 93 | 279 | 1.7 | |
| | 3 | Ø10 | 6 | 30 | 182 | | 212 | 1272 | 7.8 | |
| | 4 | Ø5 | 2 | | 74 | | 74 | 148 | | 0.2 |
| | | | | | | | | Total+10%: | 12.3 | 0.2 |
| | | | | | | | | (x7): | 86.1 | 1.4 |
| P2=P5=P6=P11=P12 P18=P21=P41 | 5 | Ø10 | 3 | 11 | 71 | 11 | 93 | 279 | 1.7 | |
| | 6 | Ø10 | 3 | 11 | 71 | 11 | 93 | 279 | 1.7 | |
| | 7 | Ø10 | 6 | 30 | 182 | | 212 | 1272 | 7.8 | |
| | 8 | Ø5 | 2 | | 74 | | 74 | 148 | | 0.2 |
| | | | | | | | | Total+10%: | 12.3 | 0.2 |
| | | | | | | | | (x8): | 98.4 | 1.6 |
| P3 | 9 | Ø10 | 3 | 11 | 66 | 11 | 88 | 264 | 1.6 | |
| | 10 | Ø10 | 3 | 11 | 66 | 11 | 88 | 264 | 1.6 | |
| | 11 | Ø10 | 4 | 30 | 182 | | 212 | 848 | 5.2 | |
| | 12 | Ø5 | 2 | | 64 | | 64 | 128 | | 0.2 |
| | | | | | | | | Total+10%: | 9.2 | 0.2 |
| P7=P8=P9=P10=P13 P14=P15=P19=P35 | 13 | Ø10 | 6 | 11 | 91 | 11 | 113 | 678 | 4.2 | |
| | 14 | Ø10 | 6 | 11 | 91 | 11 | 113 | 678 | 4.2 | |
| | 15 | Ø10 | 6 | 30 | 187 | | 217 | 1302 | 8.0 | |
| | 16 | Ø5 | 3 | | 74 | | 74 | 222 | | 0.3 |
| | | | | | | | | Total+10%: | 18.0 | 0.3 |
| | | | | | | | | (x9): | 162.0 | 2.7 |
| P16=P17=P24=P25 P33=P34 | 17 | Ø10 | 3 | 11 | 71 | 11 | 93 | 279 | 1.7 | |
| | 18 | Ø10 | 3 | 11 | 71 | 11 | 93 | 279 | 1.7 | |
| | 19 | Ø12.5 | 4 | 30 | 190 | | 220 | 880 | 8.5 | |
| | 20 | Ø5 | 2 | | 104 | | 104 | 208 | | 0.3 |
| | | | | | | | | Total+10%: | 13.1 | 0.3 |
| | | | | | | | | (x6): | 78.6 | 1.8 |
| P20=P23 | 21 | Ø10 | 3 | 11 | 66 | 11 | 88 | 264 | 1.6 | |
| | 22 | Ø10 | 3 | 11 | 66 | 11 | 88 | 264 | 1.6 | |
| | 23 | Ø10 | 4 | 30 | 182 | | 212 | 848 | 5.2 | |
| | 24 | Ø5 | 2 | | 64 | | 64 | 128 | | 0.2 |
| | | | | | | | | Total+10%: | 9.2 | 0.2 |
| | | | | | | | | (x2): | 18.4 | 0.4 |
| P26=P27=P30=P31 | 25 | Ø10 | 6 | 11 | 91 | 11 | 113 | 678 | 4.2 | |
| | 26 | Ø10 | 6 | 11 | 91 | 11 | 113 | 678 | 4.2 | |
| | 27 | Ø10 | 6 | 30 | 187 | | 217 | 1302 | 8.0 | |
| | 28 | Ø5 | 3 | | 74 | | 74 | 222 | | 0.3 |
| | | | | | | | | Total+10%: | 18.0 | 0.3 |
| | | | | | | | | (x4): | 72.0 | 1.2 |
| | | | | | | | | Ø5: | 0.0 | 9.3 |
| | | | | | | | | Ø10: | 468.3 | 0.0 |
| | | | | | | | | Ø12.5: | 56.4 | 0.0 |
| | | | | | | | | Total: | 524.7 | 9.3 |

PRIMEIRA ENGENHARIA
*Construindo projetos inteligentes!*

PREFEITURA MUNICIPAL DE ARAÇUAÍ
SECRETARIA MUNICIPAL DE DESENVOLVIMENTO URBANO

TERRENO

LOGRADOURO: RUA FLORIANO PEIXTO, 499
BAIRRO: ESPLANADA
CIDADE: ARAÇUAI - MG
CEP: 39.600-000
LOTE:
QUADRA:
VISTO:

RESPONSÁVEL TÉCNICO: KENIO AVILA FERNANDES: 76881067615
Assinado de forma digital por KENIO AVILA FERNANDES:76881067615 Dados: 2023.01.20 16:44:19 -03'00'
PRIMEIRA ENGENHARIA LTDA
KÊNIO ÁVILA FERNANDES

CNPJ: 14.920.928/0001-07
CREA MG: 70918/D

PROPRIETÁRIO (A): TADEU BARBOSA DE OLIVEIRA:72565594615
Assinado de forma digital por TADEU BARBOSA DE OLIVEIRA:72565594615 Dados: 2026.08.10 08:30:32 -03'00'
PREFEITURA MUNICIPAL DE ARAÇUAI

CNPJ: 17.963.083/0001-17
ÁREAS:

PROJETO

DETALHES: INDICADAS
ESCALAS: INDICADAS
TÍTULO: PROJETO ESTRUTURAL ESCOLA MUNICIPAL BRINCANDO E APRENDENDO I (AMPLIAÇÃO)
USO: PÚBLICO
DATA: JANEIRO 2023
FOLHA: 02