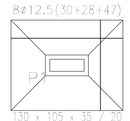
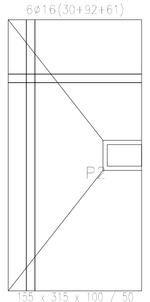
8ø12.5(30+28+47)



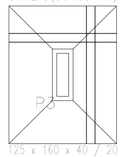
130 x 105 x 35 / 20
X: 4ø10c/25
Y: 5ø10c/24

6ø16(30+92+61)



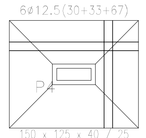
155 x 315 x 100 / 50
Sup X: 13ø16c/24
Sup Y: 7ø16c/22
Inf X: 13ø16c/24
Inf Y: 7ø16c/22

4ø16 (30+33+60)
6ø12.5(30+33+47)



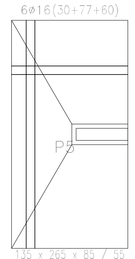
125 x 160 x 40 / 20
Sup X: 8ø10c/21
Sup Y: 6ø10c/22
Inf X: 8ø10c/21
Inf Y: 6ø16c/22

8ø12.5(30+33+67)



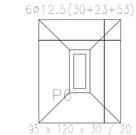
150 x 125 x 40 / 20
Sup X: 6ø10c/22
Sup Y: 9ø10c/21
Inf X: 6ø10c/22
Inf Y: 7ø10c/21

6ø16(30+77+60)



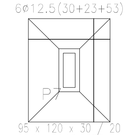
325 x 265 x 85 / 35
Sup X: 10ø16c/27
Sup Y: 5ø16c/26
Inf X: 10ø16c/27
Inf Y: 5ø16c/25

6ø12.5(30+23+53)



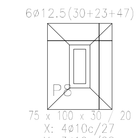
95 x 170 x 30 / 20
X: 4ø10c/28
Y: 3ø10c/29

6ø12.5(30+23+53)



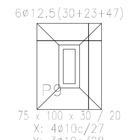
95 x 120 x 30 / 20
X: 4ø10c/28
Y: 3ø10c/29

6ø12.5(30+23+47)



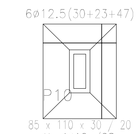
75 x 100 x 30 / 20
X: 4ø10c/27
Y: 3ø10c/28

6ø12.5(30+23+47)



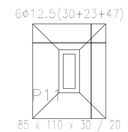
75 x 100 x 30 / 20
X: 4ø10c/27
Y: 3ø10c/28

6ø12.5(30+23+47)



85 x 110 x 30 / 20
X: 4ø10c/28
Y: 3ø10c/28

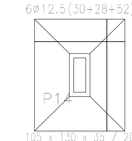
6ø12.5(30+23+47)



85 x 110 x 30 / 20
X: 4ø10c/26
Y: 3ø10c/28

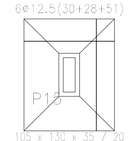
QUADRO DE ELEMENTOS DE FUNDAÇÃO						
Referências	Dimensões (cm)	Altura (cm)	Armadura inf. X	Armadura inf. Y	Armadura sup. X	Armadura sup. Y
P1	130x105	35 / 20	4ø10c/35	3ø10c/24		
P2	155x315	100 / 50	13ø15c/24	7ø16c/22	13ø16c/24	7ø16c/22
P3	125x160	40 / 20	8ø10c/21	6ø10c/22	8ø10c/21	6ø10c/22
P4	150x125	40 / 20	6ø10c/22	7ø10c/21	6ø10c/22	7ø10c/21
P5	135x265	85 / 35	10ø15c/27	5ø16c/25	10ø15c/27	5ø16c/25
P6, P7, P16 e P17	95x120	30 / 20	4ø10c/28	3ø10c/29		
P8, P9, P12 e P13	75x100	30 / 20	4ø10c/27	3ø10c/28		
P10 e P11	85x110	35 / 20	4ø10c/28	3ø10c/28		
P14 e P15	105x130	35 / 20	5ø10c/24	4ø10c/25		

6ø12.5(30+28+52)



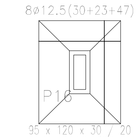
105 x 130 x 35 / 20
X: 5ø10c/24
Y: 4ø10c/25

6ø12.5(30+28+51)



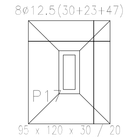
105 x 130 x 35 / 20
X: 5ø10c/24
Y: 4ø10c/25

8ø12.5(30+23+47)



95 x 120 x 30 / 20
X: 4ø10c/28
Y: 3ø10c/25

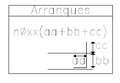
8ø12.5(30+23+47)



95 x 120 x 30 / 20
X: 4ø10c/26
Y: 3ø10c/25

Fundação
Fundação
Concreto: C25, em geral
Aços em fundações: CA-50 e CA-60
Escala: 1:50

Arranques



CARVALHO
ENGENHARIA E PLANEJAMENTO

FADEX
FUNDAÇÃO CULTURAL E DE FOMENTO À PESQUISA, ENSINO, EXTENSÃO E INOVAÇÃO

Piauí
GOVERNO DO ESTADO

GOVERNO DO ESTADO DO PIAUÍ

SEDUC – SECRETARIA DE ESTADO DA EDUCAÇÃO
PROJETO ESTRUTURAL

DEPARTAMENTO: GERÊNCIA DE ARQUITETURA E ENGENHARIA
SISTEMA: EST
TÍTULO DO PROJETO: PROJETO DE REFORMA DA UE JORGE LEOPOLDO
ENDEREÇO DO PROJETO: RUA JORGE LEOPOLDO, CATAVENTO
PRANCHA: 1
TÍTULO DO DESENHO: PLANTA BAIXA FUNDAÇÕES
ARQUITETO(A): GUSTAVO CAVALCANTI CARVALHO
MUNICÍPIO: PICOS
ZONA: URBANA
DISTRITO:
ESCALA: INDICADA
FASE: PROJETO BÁSICO
DATA: REV./ATUAL
FOLHA Nº: 01