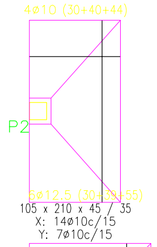

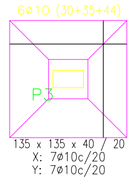

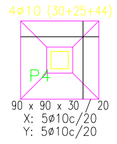

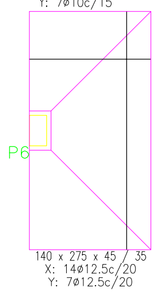

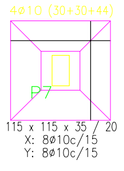

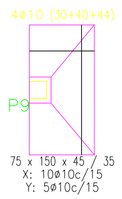

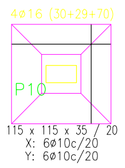

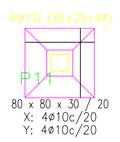

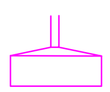

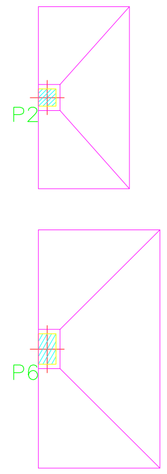

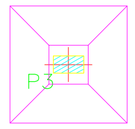

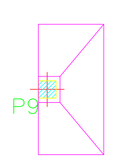

QUADRO DE ELEMENTOS DE FUNDAÇÃO				
Referências	Dimensões (cm)	Altura (cm)	Armadura inf. X	Armadura inf. Y
P2	105x210	45 / 35	14ø10c/15	7ø10c/15
P3	135x135	40 / 20	7ø10c/20	7ø10c/20
P4	90x90	30 / 20	5ø10c/20	5ø10c/20
P6	140x275	45 / 35	14ø12.5c/20	7ø12.5c/20
P7	115x115	35 / 20	8ø10c/15	8ø10c/15
P9	75x150	45 / 35	10ø10c/15	5ø10c/15
P10	115x115	35 / 20	6ø10c/20	6ø10c/20
P11	80x80	30 / 20	4ø10c/20	4ø10c/20

Fundação
Formas
Concreto: C20, em geral
Escala: 1:50

Arranques
nØxx(aa+bb+cc)

CLP ENGENHARIA E PROJETOS LTDA
CNPJ 166.504/0001-28
RUA ESPIRITO SANTO. 70 - CHARQUEADAS-RS
RESP. TEC.
ENGENHEIRO JOÃO BATISTA DURGANTE COLPO -
clpengenharia@gmail.com

MODIFICAÇÃO DE PROJETO:

PROJETO DE AMPLIAÇÃO - EMEF BARÃO DE RIO BRANCO

ENDEREÇO:

AVENIDA DOS BANDEIRANTES, Nº 78 - VILA BRÁS

PREFEITO MUNICIPAL

FABIO DE OLIVEIRA BRANCO

RESP. TÉCNICO:

ENGENHEIRO JOÃO BATISTA DURGANTE
COLPO-CREA 42.629-RS

DATA: 20/12/2011

ESCALA: 1/50

DESENHO: JOÃO

PROJETO ESTRUTURAL

PRANCHA: 01/06

PLANTA DE DETALHES FUNDAÇÃO