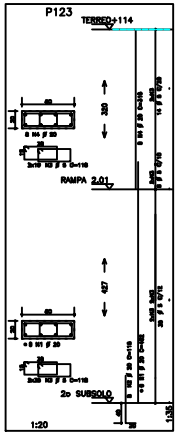

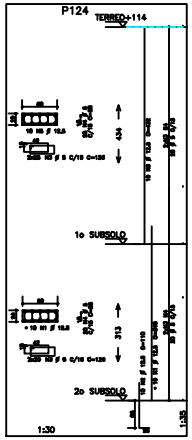

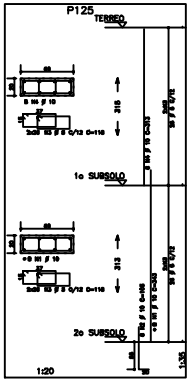

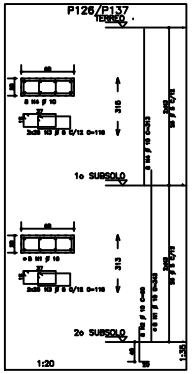

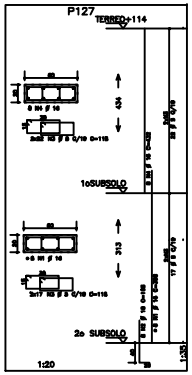

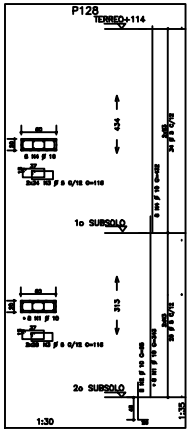

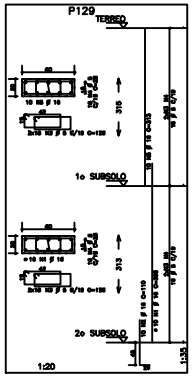

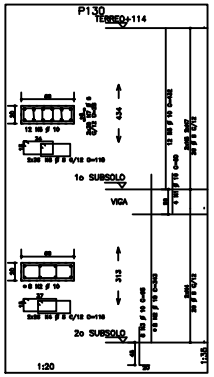

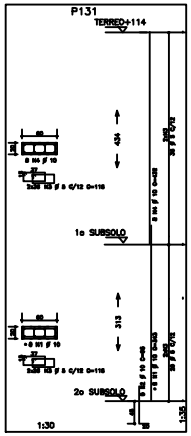

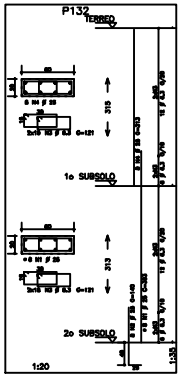

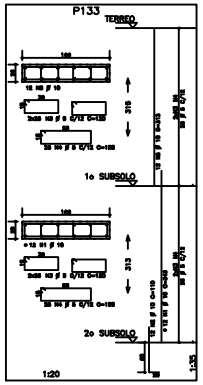

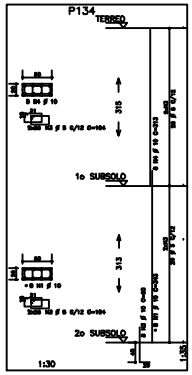

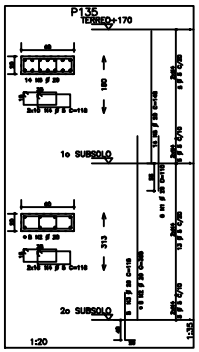

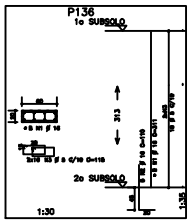

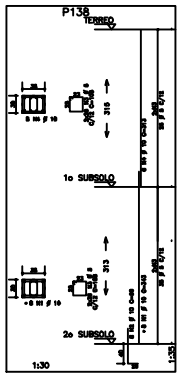

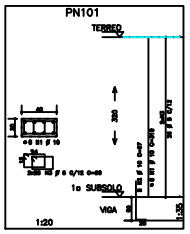

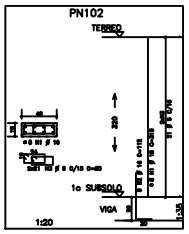

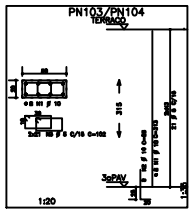

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
[illegible]	[illegible]	[illegible]	[illegible]
Peso total		1007 m	[illegible] kg

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
[illegible]	[illegible]	[illegible]	[illegible]
Peso total		140 m	[illegible] kg

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
[illegible]	[illegible]	[illegible]	[illegible]
Peso total		80 m	[illegible] kg

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
[illegible]	[illegible]	[illegible]	[illegible]
Peso total		100 m	[illegible] kg

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
[illegible]	[illegible]	[illegible]	[illegible]
Peso total		100 m	[illegible] kg

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
[illegible]	[illegible]	[illegible]	[illegible]
Peso total		32 m	[illegible] kg

AÇO	POS	BIT (mm)	QUANT.	COMPRIMENTO UNIT. (cm)	TOTAL (cm)
P123	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P126	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P127	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P129	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P130	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P132	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P133	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P134	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P135	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P136	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P138	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P101/P102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INDICE:

P123 AO P138/PN1 AO PN4

FCK= 40 MPa

EC = 30 GPa (MÓDULO DE ELASTICIDADE SECANTE)

A/C = 0,65 (FATOR ÁGUA CIMENTO)

0	10/09/2009	EMISSÃO INICIAL

Simonin Engenharia e Projetos Ltda

PROJETO ESTRUTURAL

CLIENTE: SCP PARTICIPAÇÕES LTDA

OBRA: EL CORONEL 50-1

ENDEREÇO: RUA: SETOR DE INDÚSTRIA GRÁFICAS – QUADRA 01 LOTES 450/550/570

DESENHO: ARMAÇÃO DE PILARES JUNTA – A (3/3)

ESCALA: 1:20

DESENHO Nº: 116/173

DATA: 10/09/2009

ARQUIVO: 116-173-JUNTA

RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO PELA OBRA