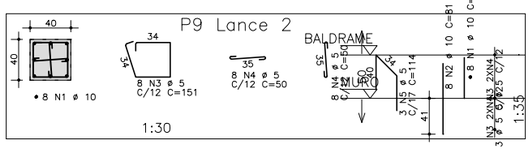

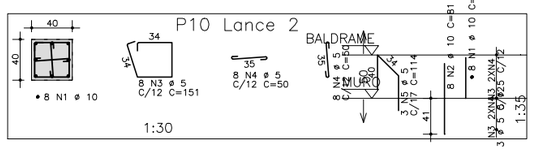

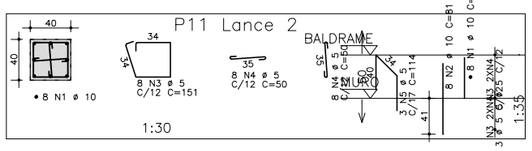

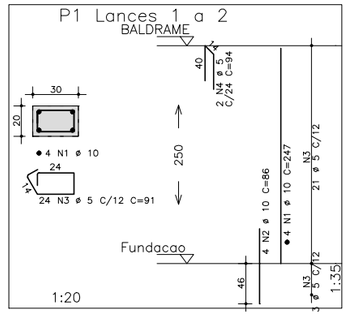

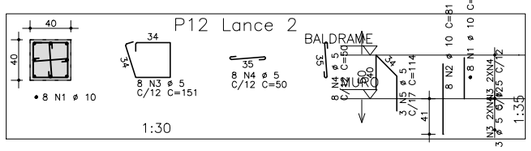

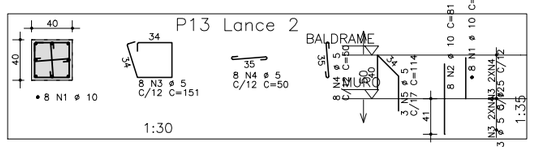

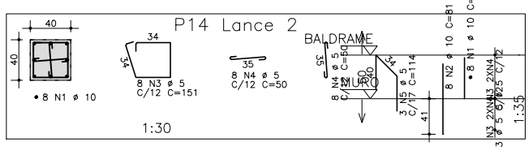

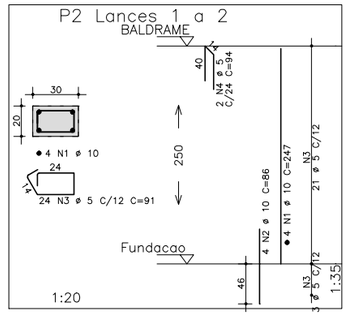

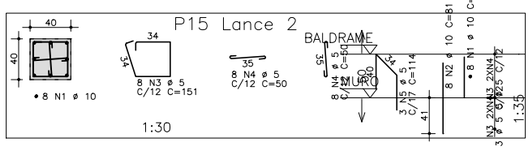

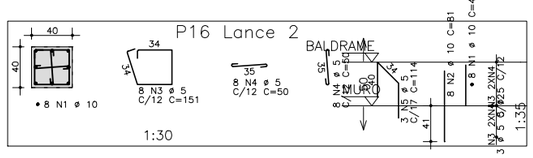

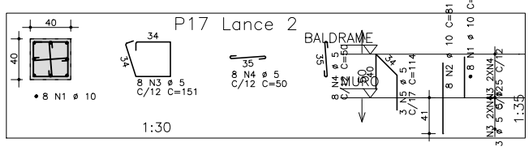

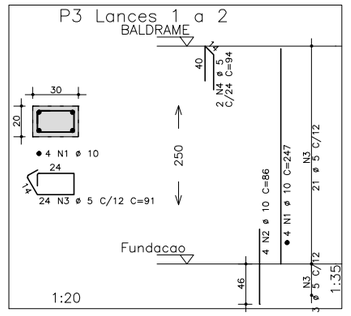

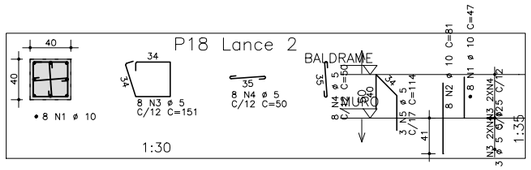

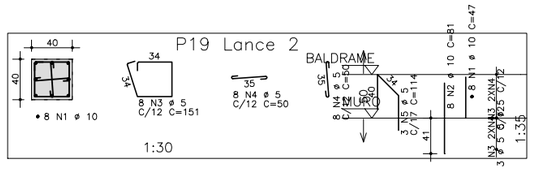

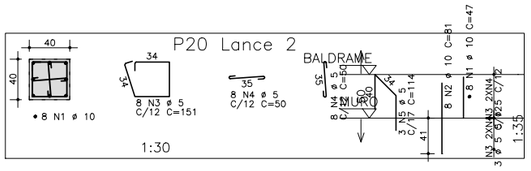

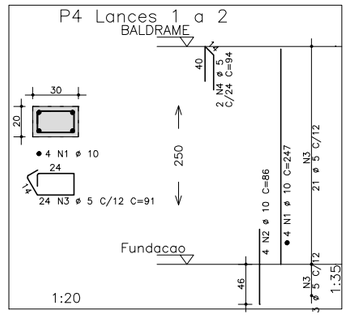

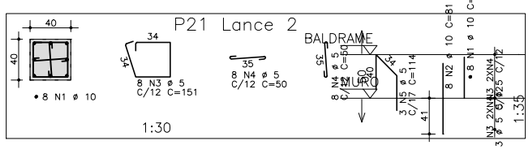

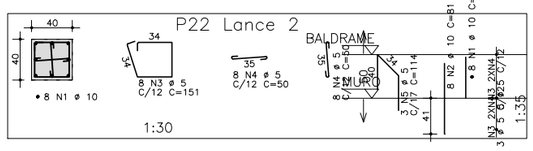

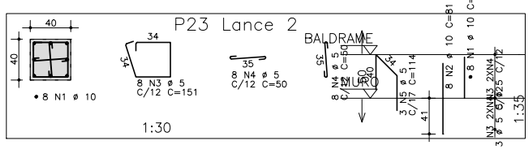

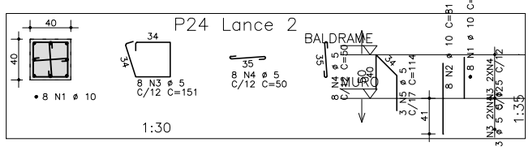

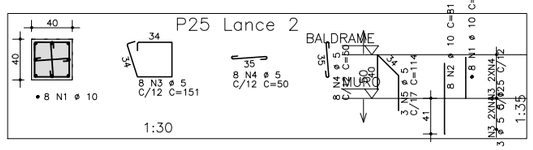

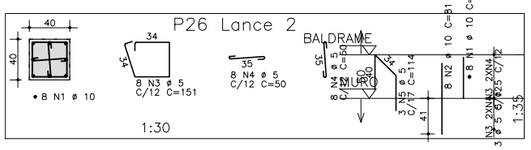

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P1 Lances 1 a 2					
50A	1	10	4	247	988
50A	2	10	4	86	344
60B	3	5	24	91	2184
60B	4	5	2	94	188
P2 Lances 1 a 2					
50A	1	10	4	247	988
50A	2	10	4	86	344
60B	3	5	24	91	2184
60B	4	5	2	94	188
P3 Lances 1 a 2					
50A	1	10	4	247	988
50A	2	10	4	86	344
60B	3	5	24	91	2184
60B	4	5	2	94	188
P4 Lances 1 a 2					
50A	1	10	4	247	988
50A	2	10	4	86	344
60B	3	5	24	91	2184
60B	4	5	2	94	188
P9 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P10 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P11 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P12 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P13 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P14 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P15 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P16 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P17 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P18 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P19 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P20 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P21 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P22 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P23 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P24 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P25 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342
P26 Lance 2					
50A	1	10	8	47	376
50A	2	10	8	81	648
60B	3	5	8	151	1208
60B	4	5	16	50	800
60B	5	5	3	114	342

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	518	80
50A	10	236	147
Pesp Total 60B =			80 kg
Pesp Total 50A =			147 kg

fck 250. kg/cm2 – C25

Schuring & Schuring

Schuring & Schuring Ltda

Escritorio Tecnico B.E.SCHURING – Projetos de Engenharia
Av. XV de Novembro, 489 – Porto 2o. Andar – Cuiaba MT
Fone:(065) 321 9959 – Fax:(065) 623 5066 – Email – schuring@terra.com.br

PROJETO: PROJETO ESTRUTURAL

PROPRIETARIO: PREFEITURA MUNICIPAL VARZEA GRANDE
PROJETO ORLA DO PORTO ALAMEDA JULIO MULLER

RESP. TEC. EXECUCAO:

OBRA:. QUIOSQUE 01

END.: Alameda Julio Muller, s/n
Bairro Alameda / Varzea Grande – MT

AUTORES DO PROJETO:

Benedito Eliseu Schuring
Eng.Civil– CREA 715/D–MT

Andre Luiz Schuring
Eng.Civil– CREA 8697/D–MT

ASSUNTO: DET ARM. PILARES

PECAS DETALHADAS
P1 Lances 1 a 2 / P2 Lances 1 a 2
P3 Lances 1 a 2 / P4 Lances 1 a 2
P9 Lance 2 / P10 Lance 2 / P11 Lance 2
P12 Lance 2 / P13 Lance 2 / P14 Lance 2
P15 Lance 2 / P16 Lance 2 / P17 Lance 2
P18 Lance 2 / P19 Lance 2 / P20 Lance 2
P21 Lance 2 / P22 Lance 2 / P23 Lance 2
P24 Lance 2 / P25 Lance 2 / P26 Lance 2

FCK:	DIREITOS AUTORAIS RESERVADOS	DATA:	FOLHA No.
250	VERIFICAR MEDIDAS NA OBRA		
ESCALA: 1:50	ARQUIVO:	26/07/2018	07