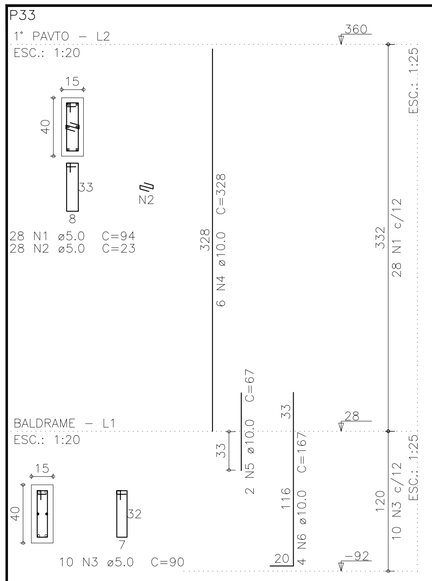

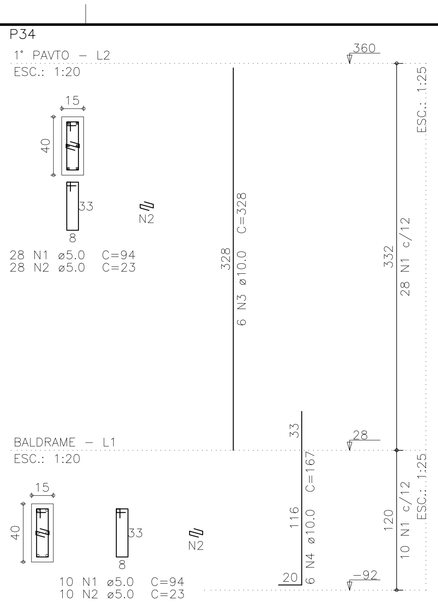

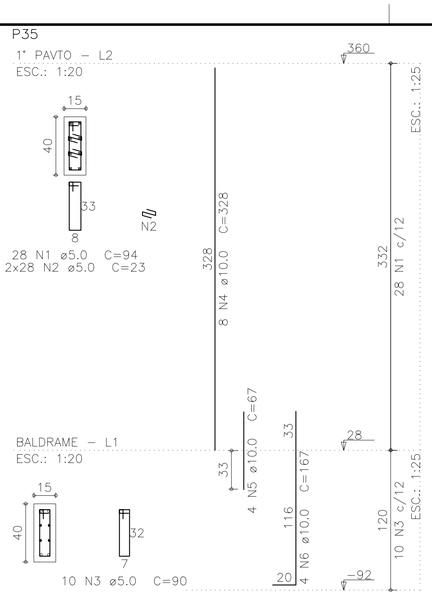

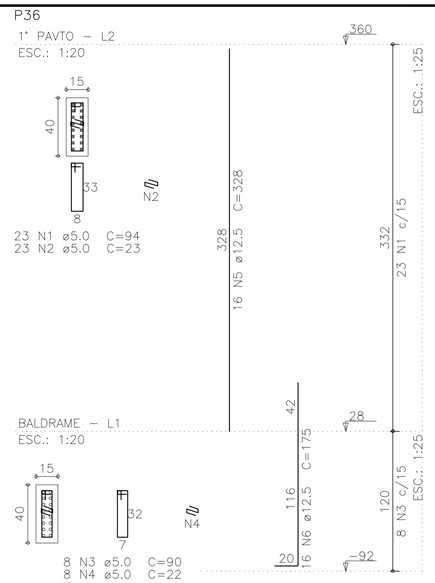

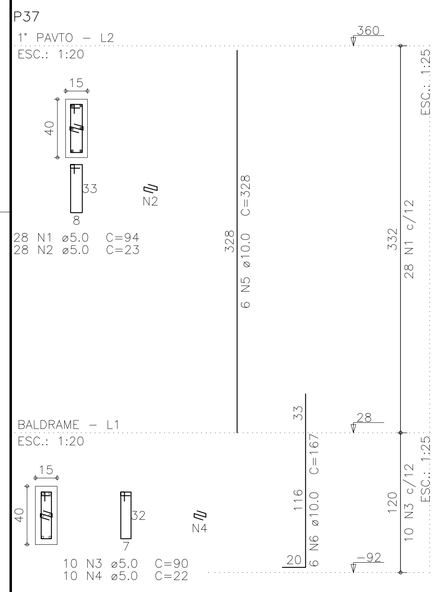

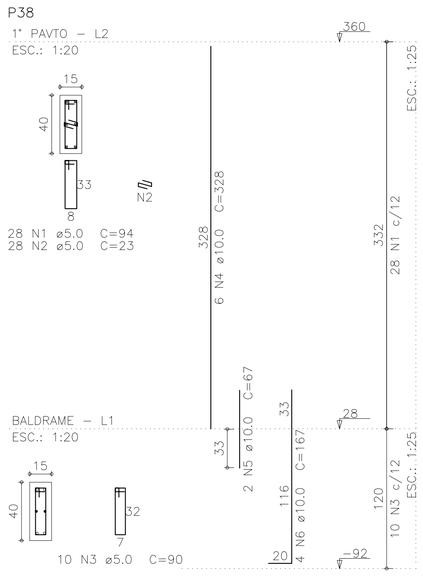

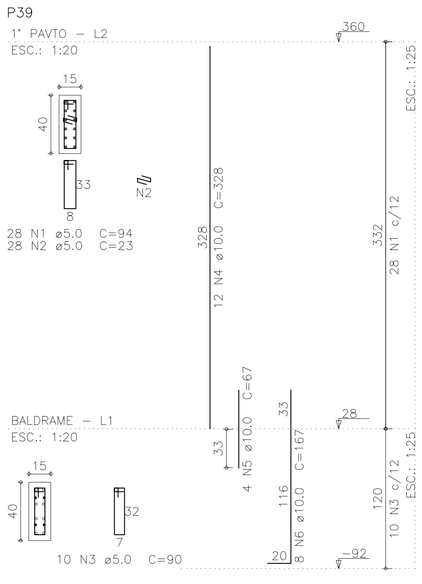

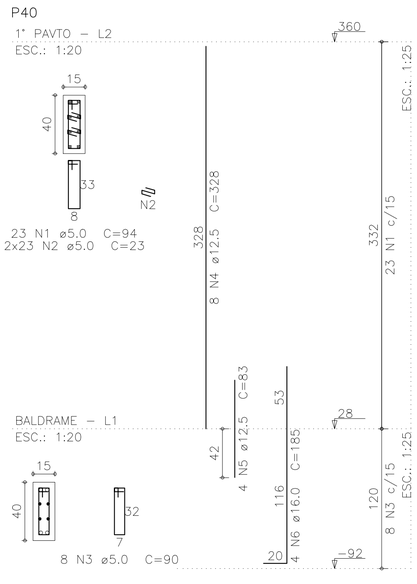

Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P33	CA60	1	5.0	28	94	2632
	CA60	2	5.0	28	23	644
	CA60	3	5.0	10	90	900
	CA50	4	10.0	6	328	1968
	CA50	5	10.0	2	67	134
	CA50	6	10.0	4	167	668
P34	CA60	1	5.0	38	94	3572
	CA60	2	5.0	38	23	874
	CA50	3	10.0	6	328	1968
	CA50	4	10.0	6	167	1002
P35	CA60	1	5.0	28	94	2632
	CA60	2	5.0	56	23	1288
	CA60	3	5.0	10	90	900
	CA50	4	10.0	8	328	2624
	CA50	5	10.0	4	67	268
	CA50	6	10.0	4	167	668
P36	CA60	1	5.0	23	94	2162
	CA60	2	5.0	23	23	529
	CA60	3	5.0	8	90	720
	CA60	4	5.0	8	22	176
	CA50	5	12.5	16	328	5248
	CA50	6	12.5	16	175	2800
P37	CA60	1	5.0	28	94	2632
	CA60	2	5.0	28	23	644
	CA60	3	5.0	10	90	900
	CA60	4	5.0	10	22	220
	CA50	5	10.0	6	328	1968
	CA50	6	10.0	6	167	1002
P38	CA60	1	5.0	28	94	2632
	CA60	2	5.0	28	23	644
	CA60	3	5.0	10	90	900
	CA50	4	10.0	6	328	1968
	CA50	5	10.0	2	67	134
	CA50	6	10.0	4	167	668
P39	CA60	1	5.0	28	94	2632
	CA60	2	5.0	28	23	644
	CA60	3	5.0	10	90	900
	CA50	4	10.0	12	328	3936
	CA50	5	10.0	4	67	268
	CA50	6	10.0	8	167	1336
P40	CA60	1	5.0	23	94	2162
	CA60	2	5.0	46	23	1058
	CA60	3	5.0	8	90	720
	CA50	4	12.5	8	328	2624
	CA50	5	12.5	4	83	332
	CA50	6	16.0	4	185	740

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	205.8	126.9
	12.5	110.1	106
	16.0	7.4	11.7
CA60	5.0	337.2	52

PESO TOTAL (kg)	
CA50	244.6
CA60	52

Volume de concreto (C–30) = 2.17 m³
Área de forma = 39.78 m²

CREA/CAU

Revisão:	Data:	Descrição:
05	DD/MM/AAAA	Retirada de pendência
04	DD/MM/AAAA	Retirada de pendência
03	DD/MM/AAAA	Retirada de pendência
02	DD/MM/AAAA	Retirada de pendência
01	08/01/2015	Emissão Inicial

TECH PROJ Consultoria & Projetos
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Aldeota - Fortaleza CE - CEP:60.150-161
Fone/Fax: (85) 3021-1818
www.techproj.com.br | contato@techproj.com.br

Obra:
Reforma/Ampliação - MercadoMunicipal São Gonçalo do Amarante

Cliente:
Prefeitura de São Gonçalo do Amarante

Projeto:
Estrutura em Concreto Armado

Identificação dos desenhos:
MERCADO SGA - REFORMA
PILARES EM PRUMADA 4-10

Prancha:
08

Desenho:	Escala:	Data:	Local:
CRISTIANE	Indicada	NOVEMBRO/15	São Gonçalo do Amarante / CE