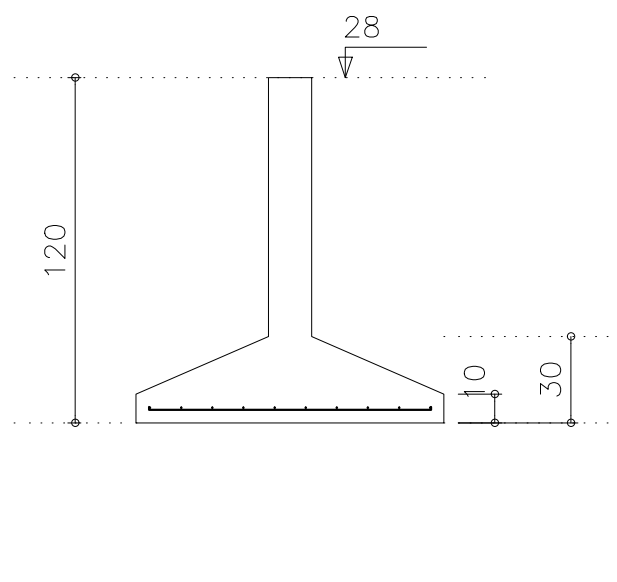
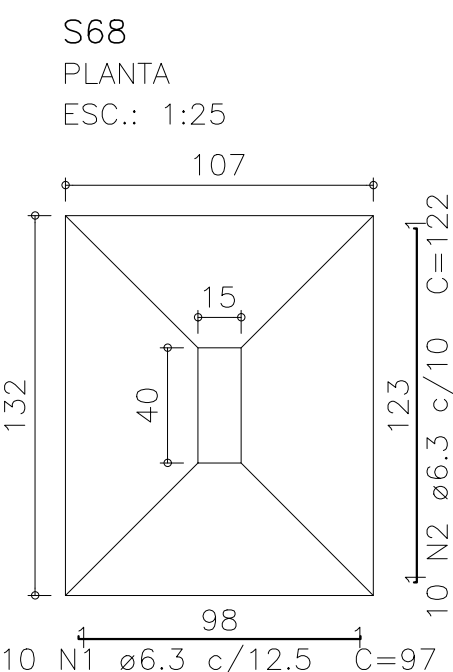
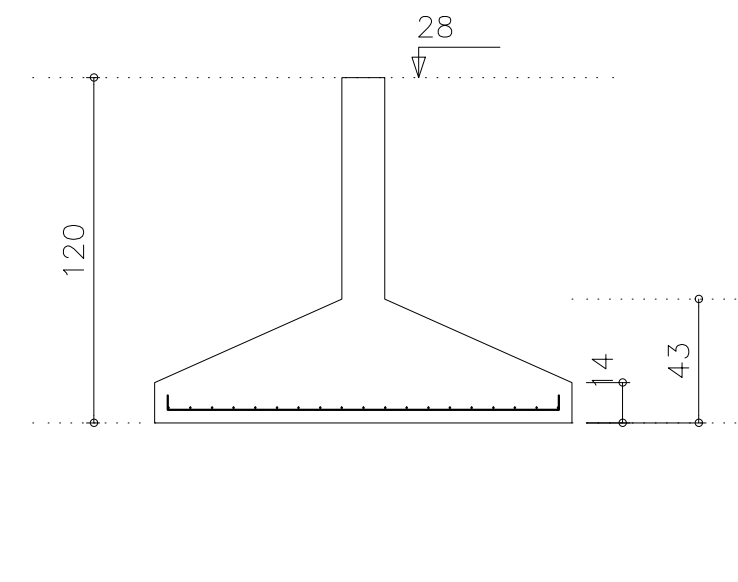
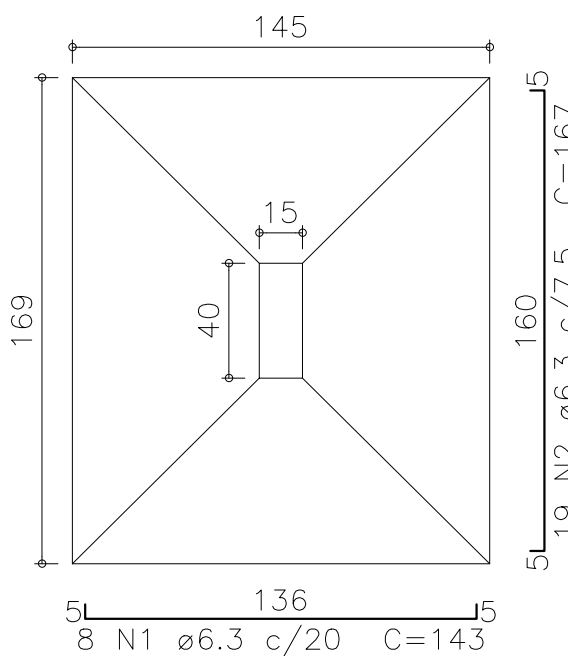
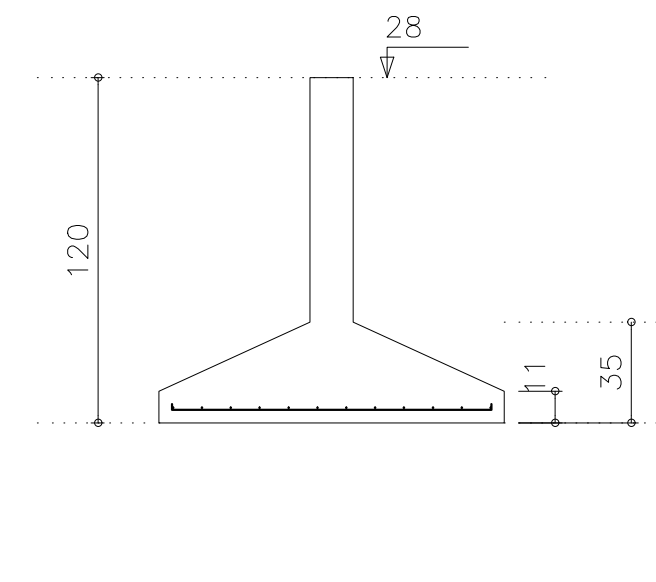
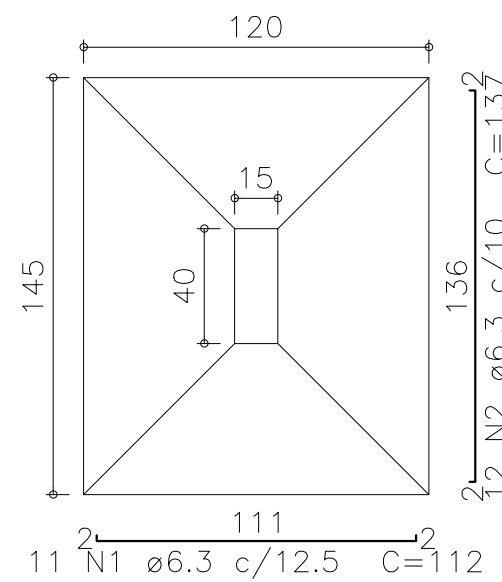
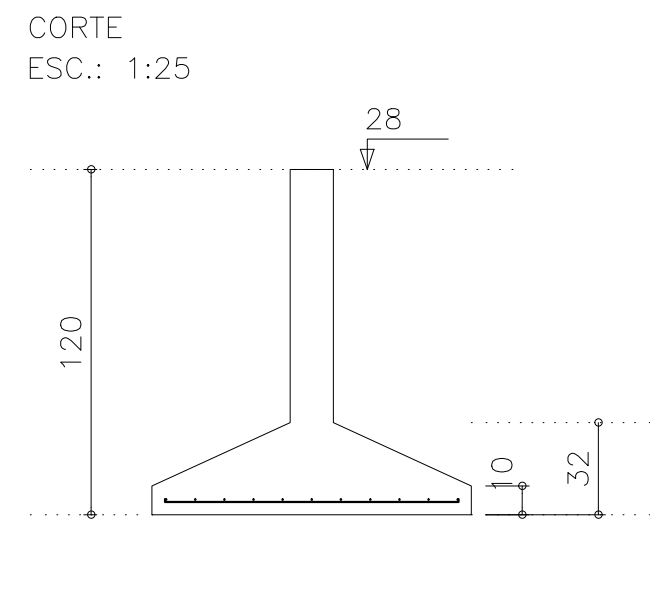
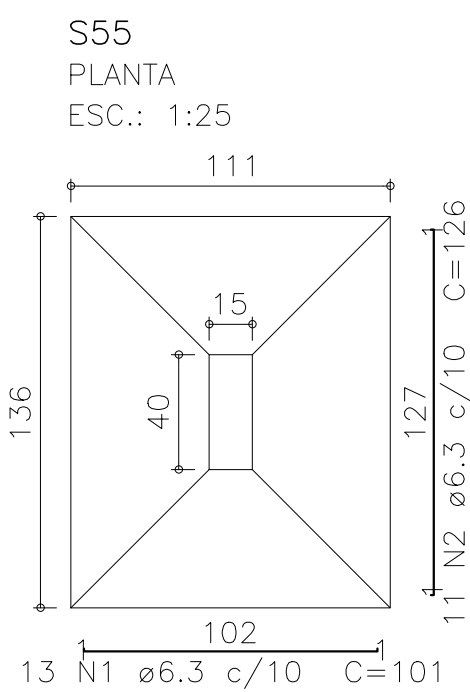
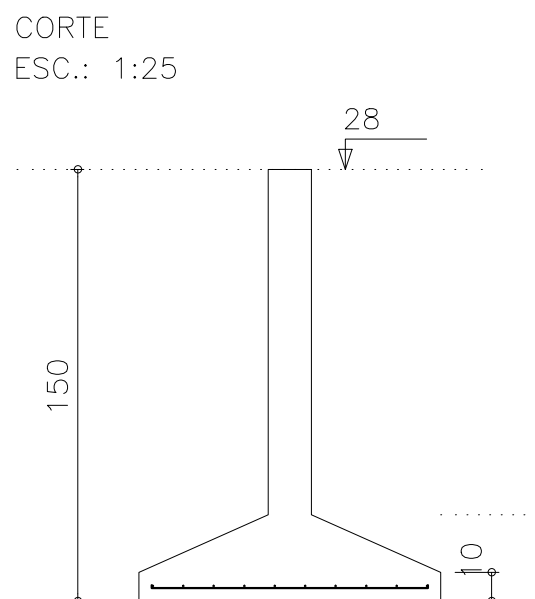
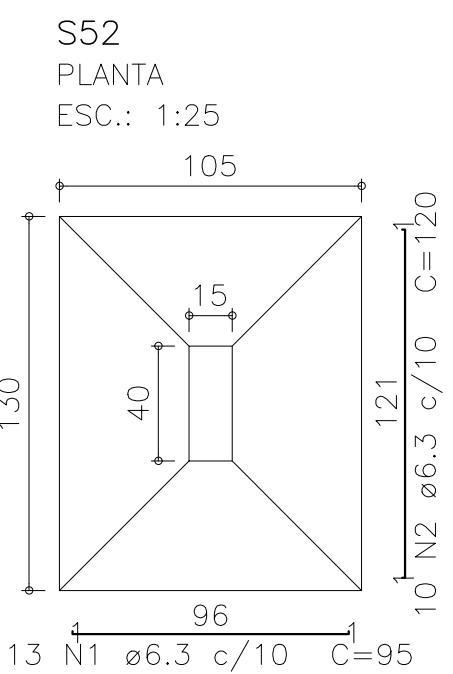
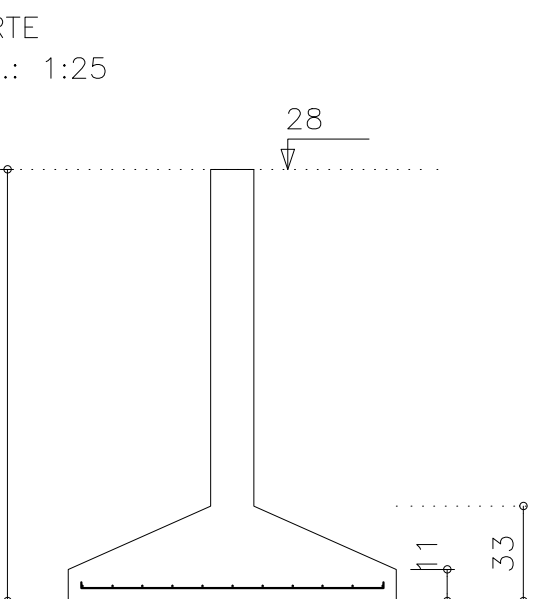
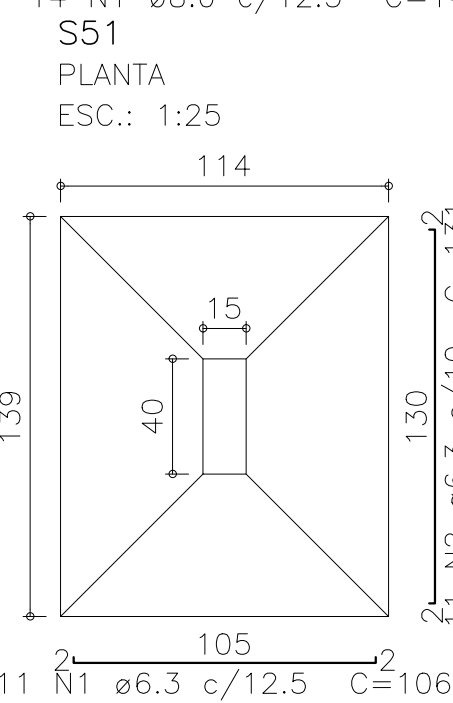
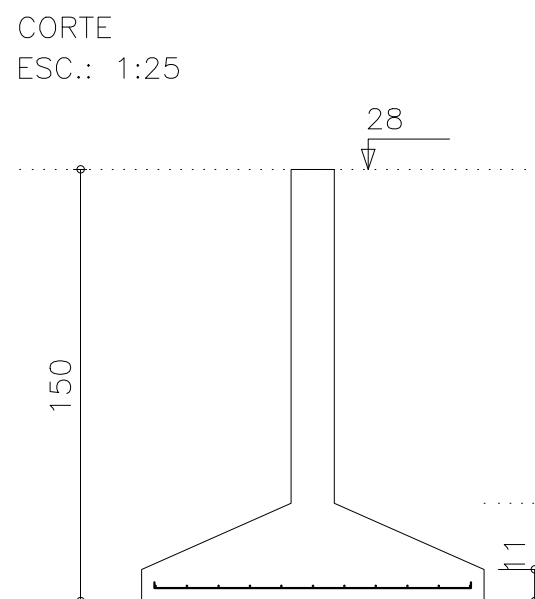
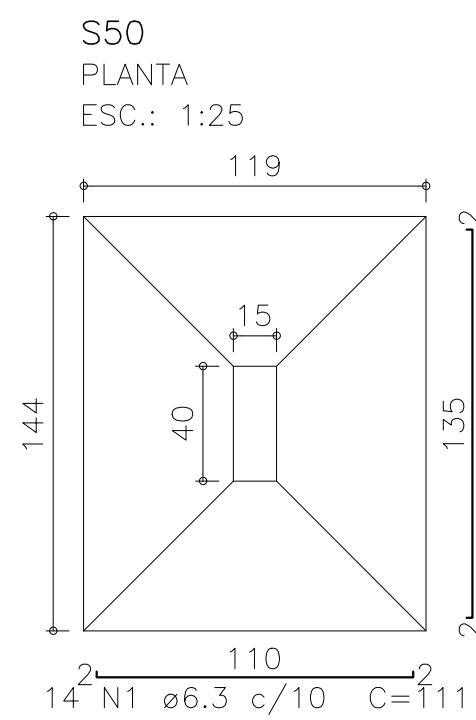
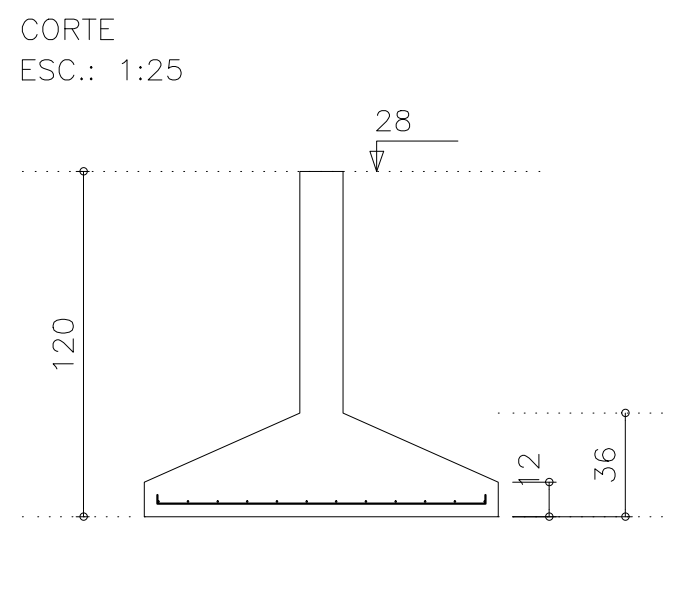
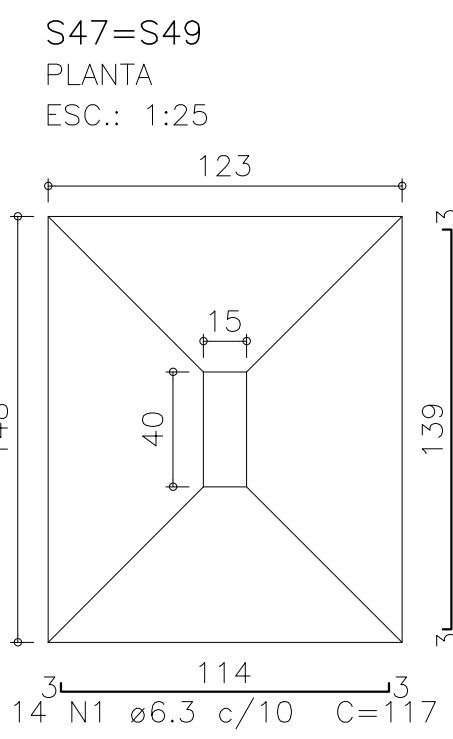
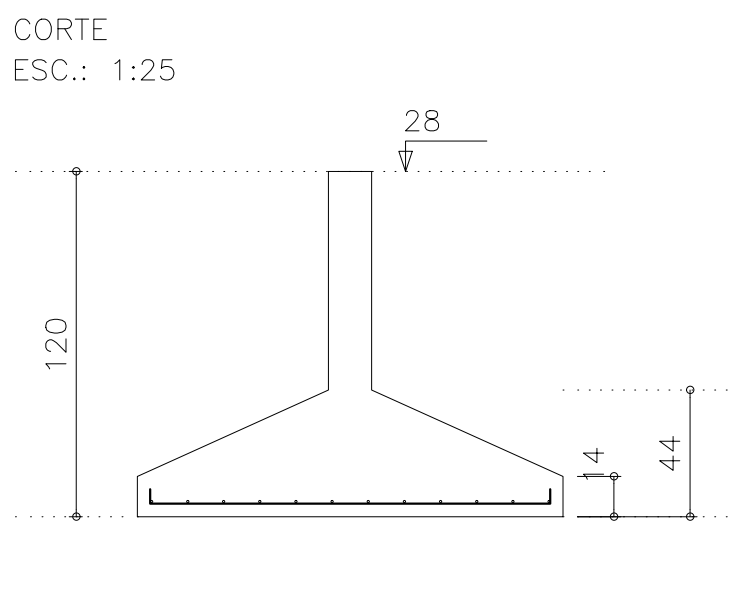
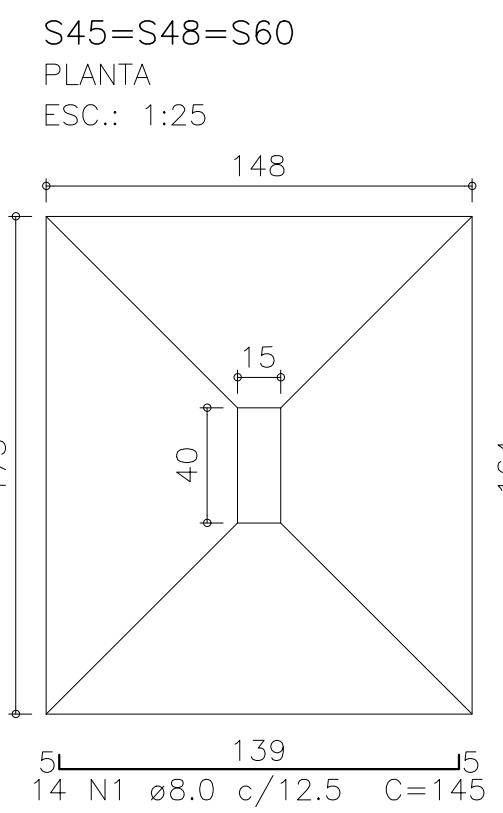
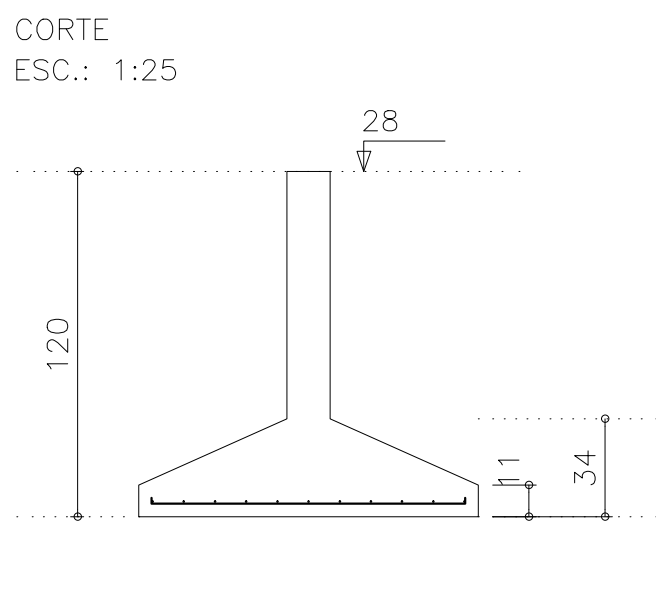
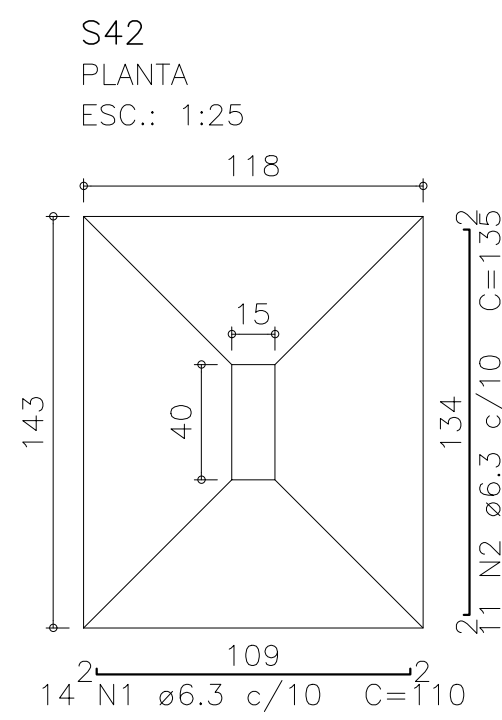




Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
S42	CA50	1	6.3	14	110	1540
3xS45	CA50	2	6.3	11	135	1485
	CA50	1	8.0	42	145	6090
2xS47	CA50	2	8.0	36	170	6120
	CA50	1	6.3	28	117	3276
S50	CA50	2	6.3	24	142	3408
	CA50	1	6.3	14	111	1554
S51	CA50	2	6.3	11	136	1496
	CA50	1	6.3	11	106	1166
S52	CA50	2	6.3	11	131	1441
	CA50	1	6.3	13	95	1235
S55	CA50	2	6.3	10	120	1200
	CA50	1	6.3	13	101	1313
S63	CA50	2	6.3	11	126	1386
	CA50	1	6.3	8	143	1144
S65	CA50	2	6.3	19	167	3173
S68	CA50	1	6.3	10	97	970
	CA50	2	6.3	10	122	1220

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	298.9	73.1
	8.0	122.1	48.2
PESO TOTAL (kg)			
CA50	121.3		

Volume de concreto (C-20) = 5.56 m³
Área de forma = 8.61 m²

CREA/CAU

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

TECH PROJ Consultoria & Projetos	MATRIZ: Rua Santa Cecília, 84 - Sala 09 Centro - Eusébio - CE - CEP:61.760-000 Fone/Fax: (85) 3021-1818	FILIAL: Av. Santos Dumont, 1740 - Sala 1112/1114 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 SAPATAS 3-3		Prancha: 04
Desenho: CRISTIANE	Escala: Indicada	Data: NOVEMBRO/15
		Local: São Gonçalo do Amarante / CE