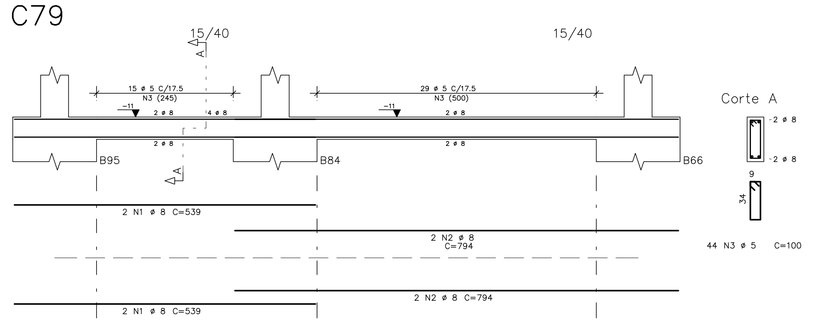
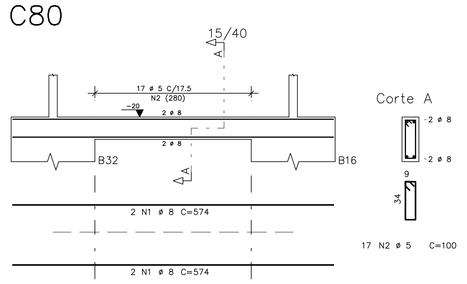
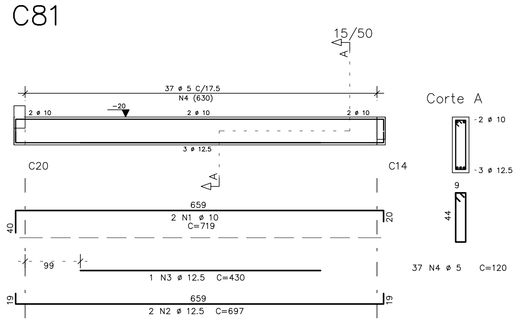
C79



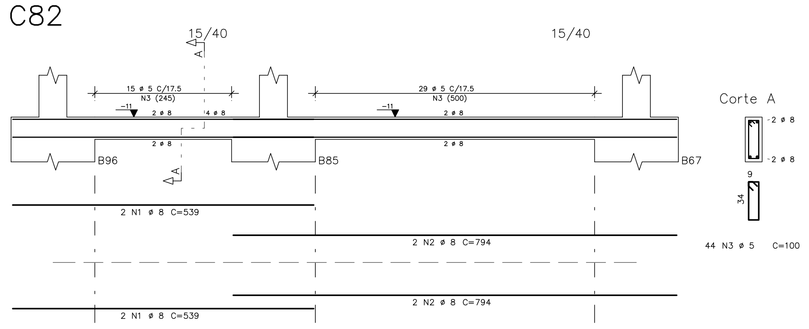
C80



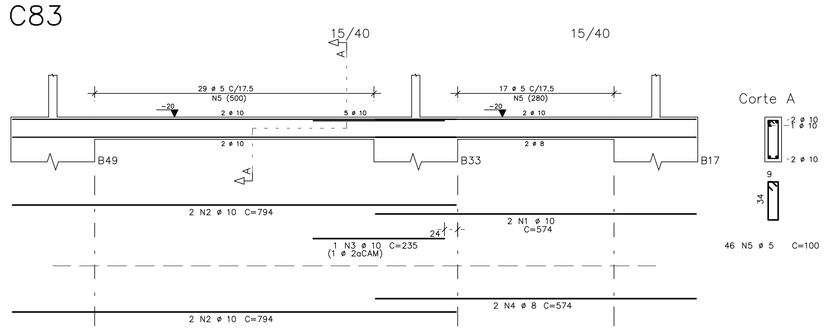
C81



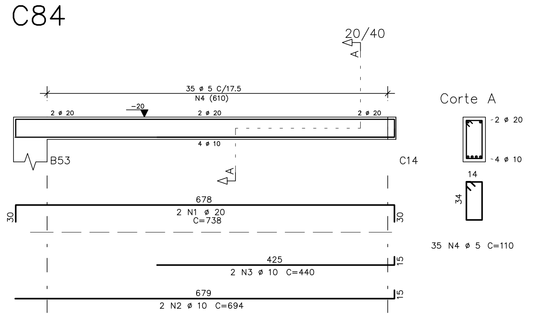
C82



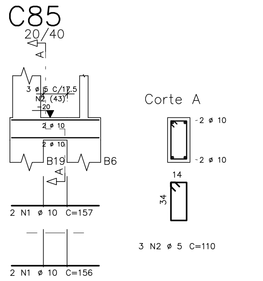
C83



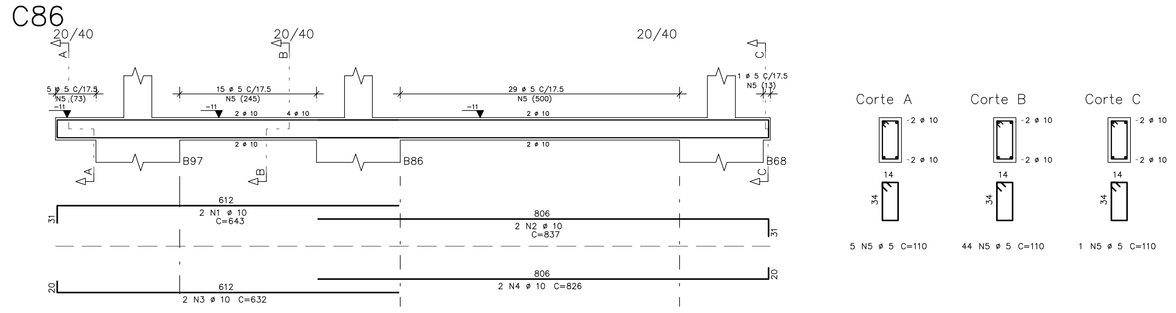
C84



C85

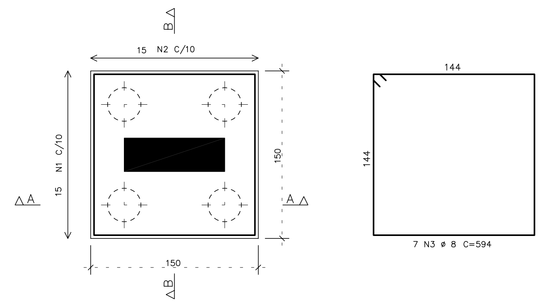


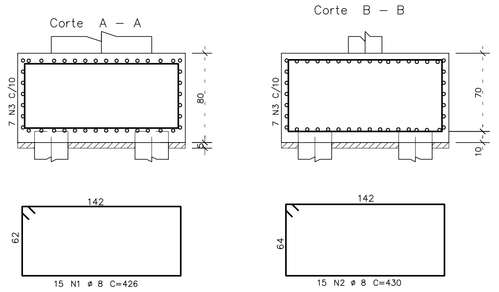
C86



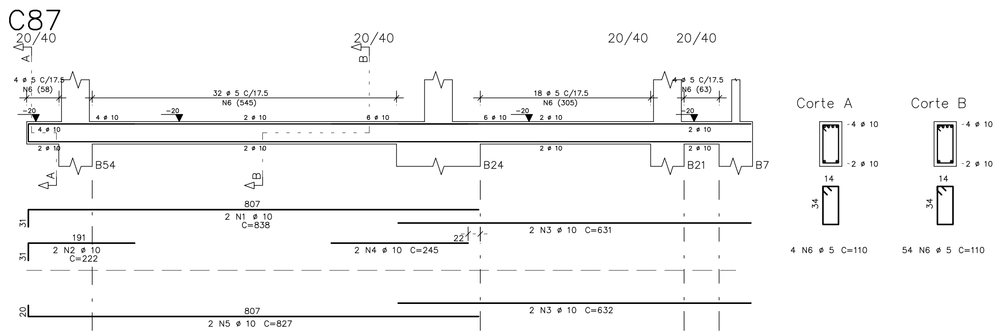
B27, B28, B44, B45

(ESCALA 1:25) 4 x



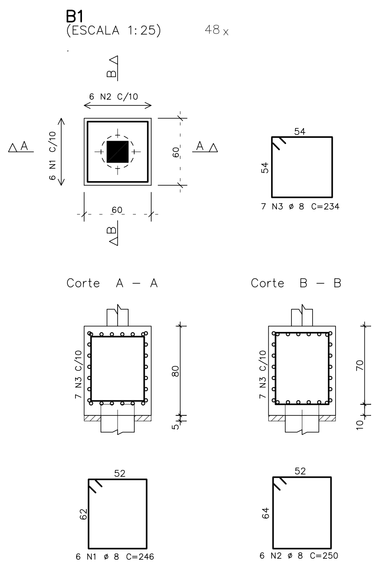


C87



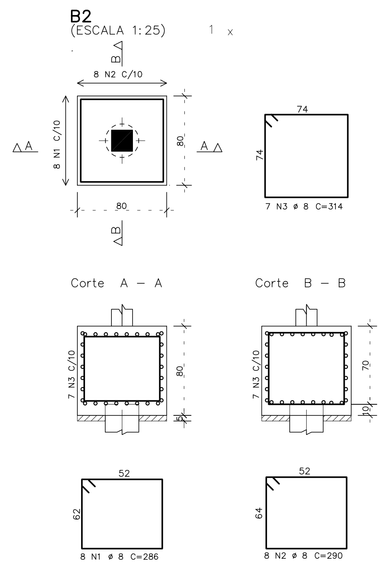
B1

(ESCALA 1:25) 48 x



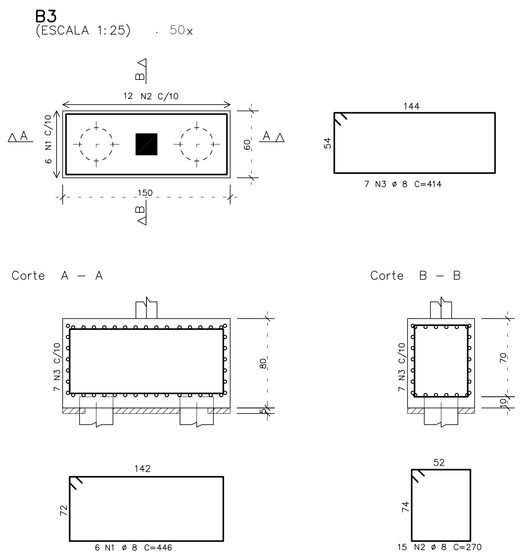
B2

(ESCALA 1:25) 1 x



B3

(ESCALA 1:25) . 50x



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
C79						
	50A	1	8	4	539	2156
	50A	2	8	4	794	3176
	60B	3	5	44	100	4400
C80						
	50A	1	8	4	574	2296
	60B	2	5	17	100	1700
C81						
	50A	1	10	2	719	1438
	50A	2	12.5	2	697	1394
	50A	3	12.5	1	430	430
	60B	4	5	37	120	4440
C82						
	50A	1	8	4	539	2156
	50A	2	8	4	794	3176
	60B	3	5	44	100	4400
C83						
	50A	1	10	2	574	1148
	50A	2	10	4	794	3176
	50A	3	10	1	235	235
	50A	4	8	2	574	1148
	60B	5	5	46	100	4600
C84						
	50A	1	20	2	738	1476
	50A	2	10	2	694	1388
	50A	3	10	2	440	880
	60B	4	5	35	110	3850
C85						
	50A	1	10	4	156	624
	60B	2	5	3	110	330
C86						
	50A	1	10	2	643	1286
	50A	2	10	2	837	1674
	50A	3	10	2	632	1264
	50A	4	10	2	826	1652
	60B	5	5	50	110	5500
C87						
	50A	1	10	2	838	1676
	50A	2	10	2	222	444
	50A	3	10	4	632	2528
	50A	4	10	2	245	490
	50A	5	10	2	827	1654
	60B	6	5	58	110	6380
B1	(X48)					
	50A	1	8	288	246	70848
	50A	2	8	288	250	72000
	50A	3	8	336	234	78624
B2						
	50A	1	8	8	286	2288
	50A	2	8	8	290	2320
	50A	3	8	7	314	2198
B3	(X50)					
	50A	1	8	300	446	133800
	50A	2	8	750	270	202500
	50A	3	8	350	414	144900
B27, 928, B44, B45		(X4)				
	50A	1	8	60	426	25560
	50A	2	8	60	430	25800
	50A	3	8	28	594	16632

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	356	57
50A	8	7916	3166
50A	10	216	136
50A	12.5	18	18
50A	20	15	37
Peso Total	60B =		57 kg
Peso Total	50A =		3357 kg

NOTAS

1- DIMENSÕES EM CENTIMETROS;
2- COTAS DE NÍVEL EM METROS;
3- CONCRETO fck>=25MPa;
4- COBRIMENTO DAS ARMADURA:
BLOCOS = 3 cm;
CINTAS = 3 cm;
PILARES = 3 cm;
CINTAS DA FUNDAÇÃO – PARTE 01/06 = 3 cm;
LAJES = 2,5 cm;
5- PREVER PASSAGEM DE TUBULAÇÕES DE ÁGUA, ESGOTO, ELÉTRICA, TELEFONIA E OUTROS NOS NOS ELEMENTOS ESTRUTURAIS ANTES DA CONCRETAGEM DOS MESMOS

PMMG — DAL

SEÇÃO DE ENGENHARIA E PROJETOS

UNIDADE: 35ºBPM

LOCAL: — CIDADE: SANTA LUZIA

PROJETO (estrutural/ arquitetônico/ hidráulico etc.): ESTRUTURA DE CONCRETO — Nº PROJETO:

TÍTULO DO PROJETO (reforma / levantamento etc.): PROJETO EXECUTIVO

DETALHES: ARMAÇÃO DAS CINTAS DA FUNDAÇÃO E BLOCOS - PARTE 06/06 — FOLHA: 15/48

ÁREA TOTAL TERRENO: 23.978,24 m² — ÁREA ÚTIL TERRENO: 14.545,34 m² — DATA: SETEMBRO 2013

DESENHISTA: JEFERSON — ESCALA: VER PROJETO — ART.:

ASSINATURAS

DAL: ITAMAR DE ALMEIDA SÁ, CEL PM

CH. DAL/3: DÁRIO JOSÉ DE ARAÚJO SILVA, MAJ PM

R.T.: JEFERSON DYONISIO DE SÁ, ENGENHEIRO CREA-MG 98.080/D