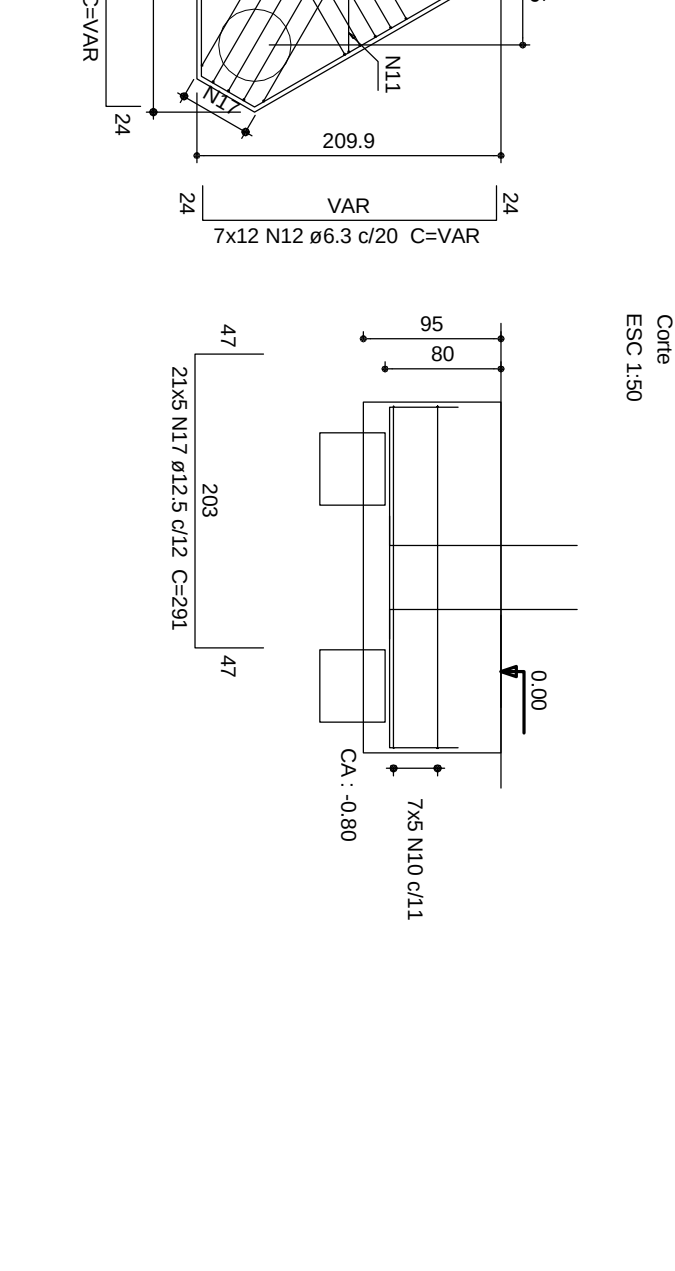
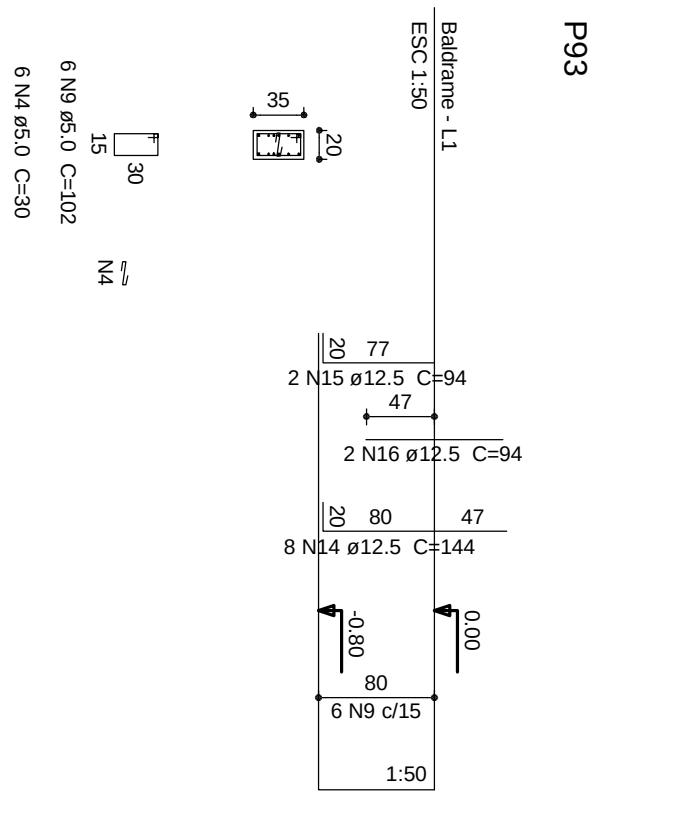
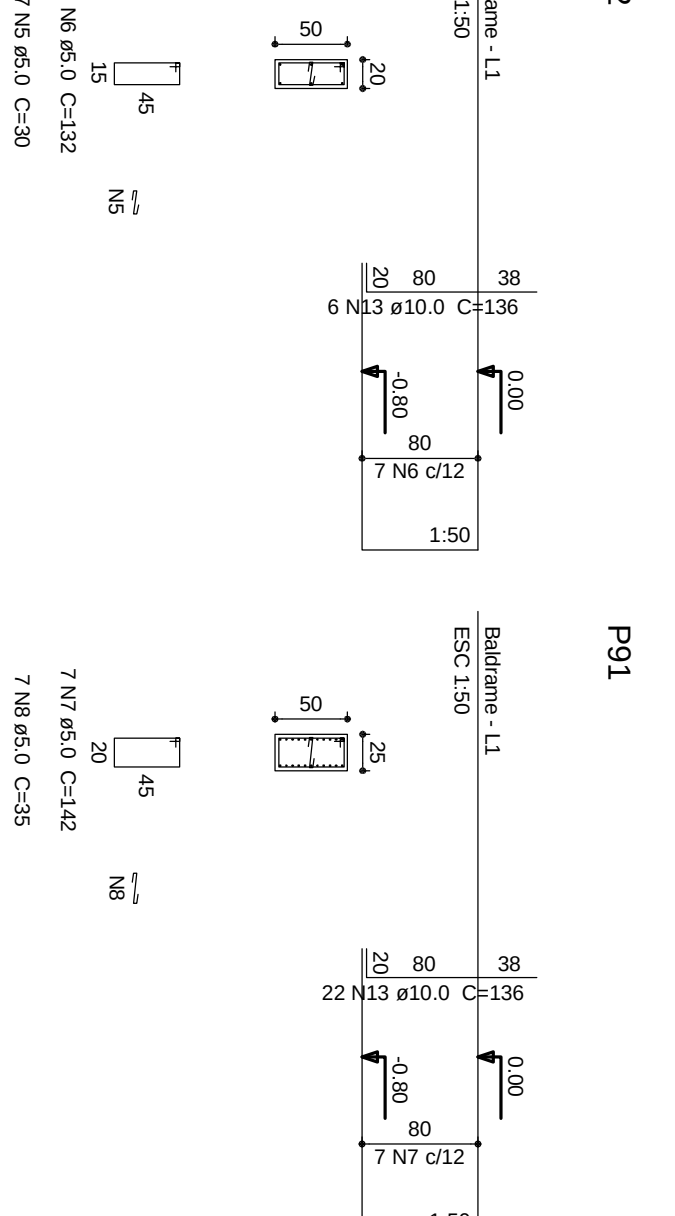
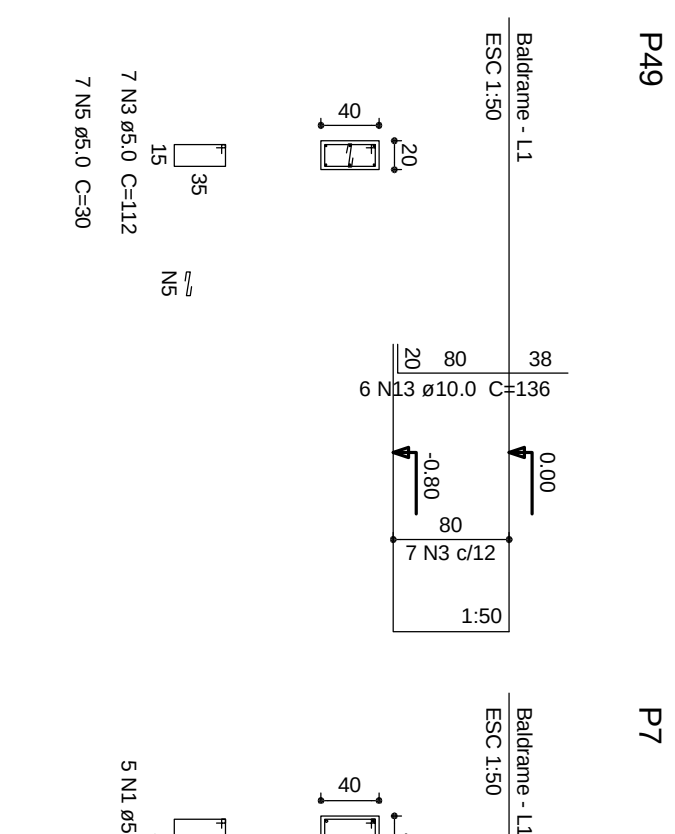
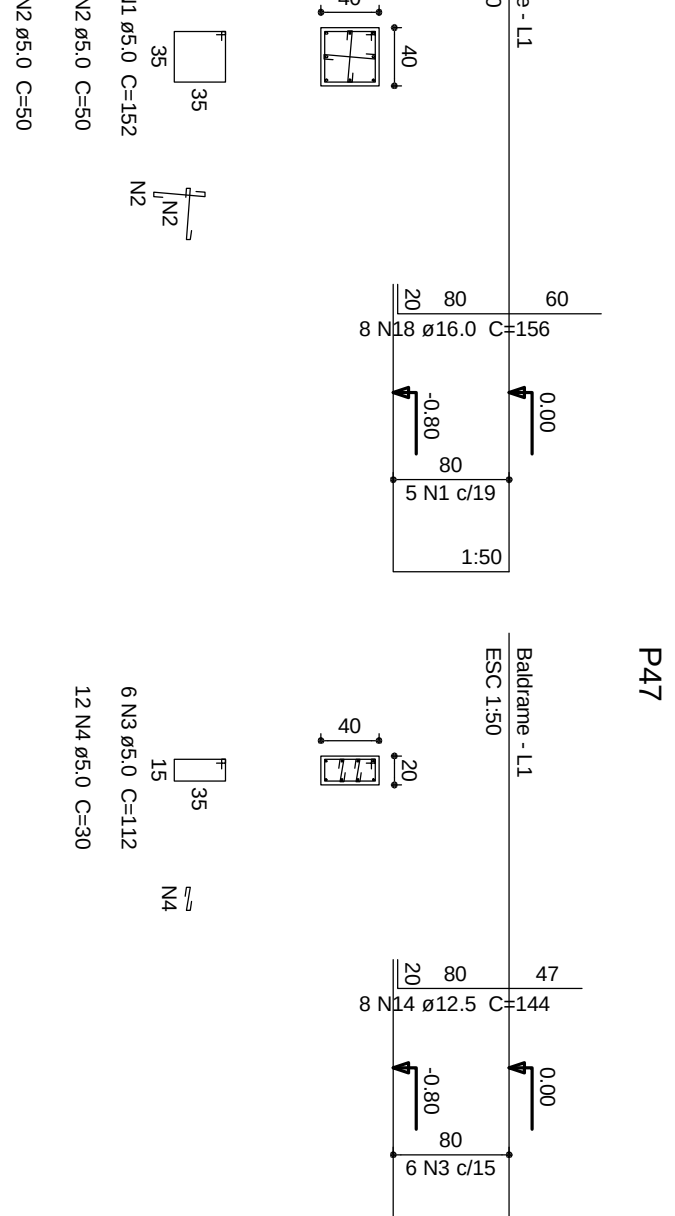
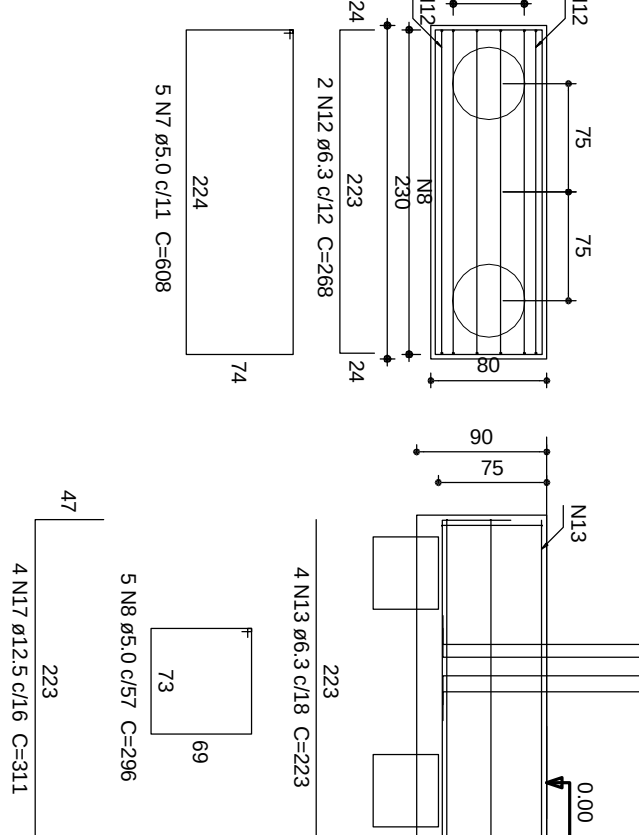
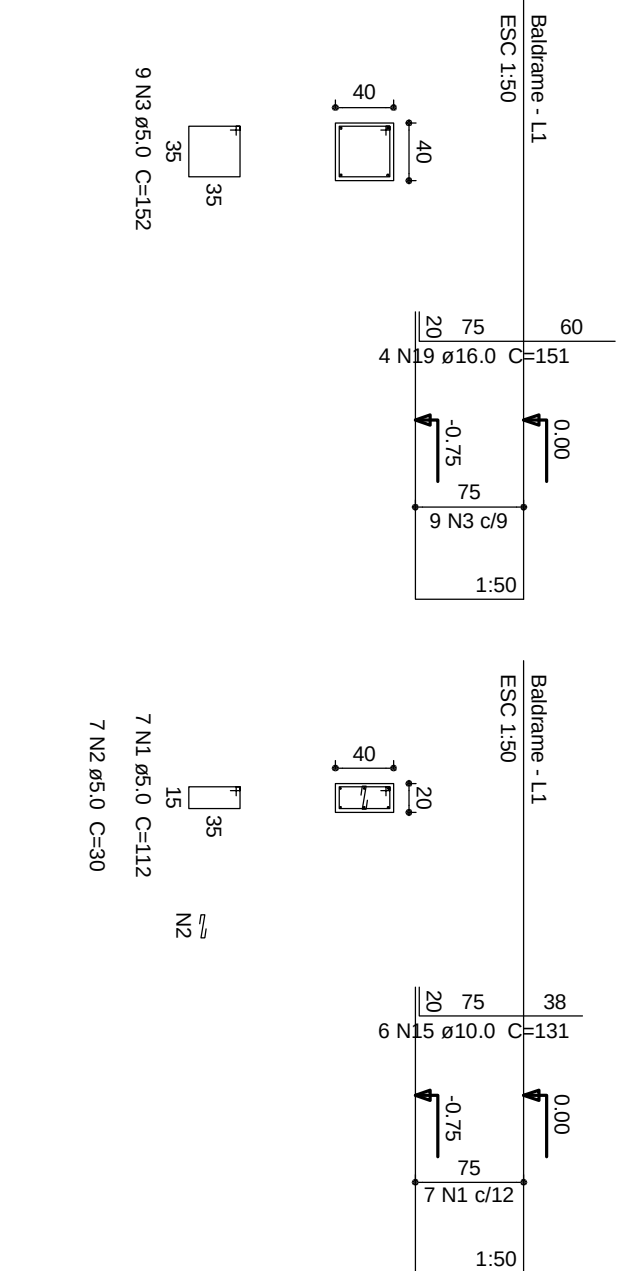
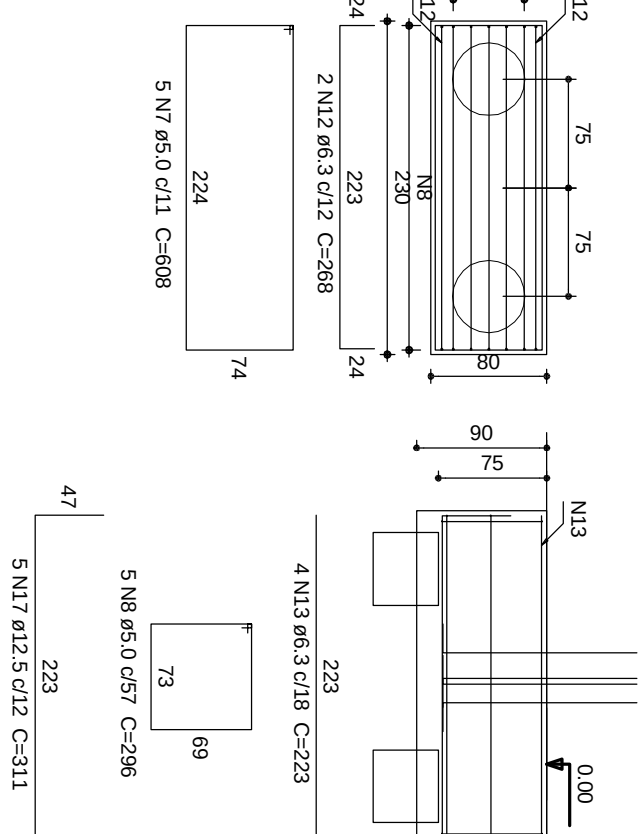
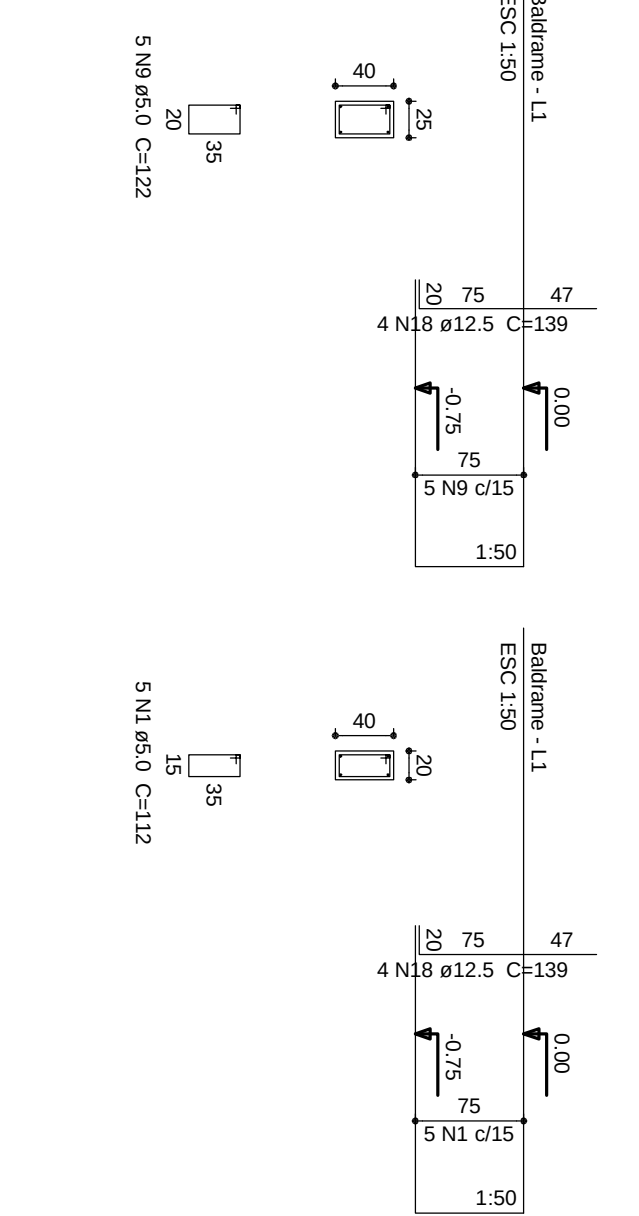
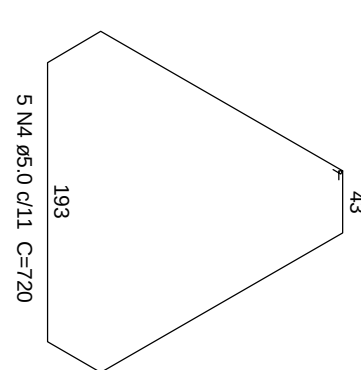
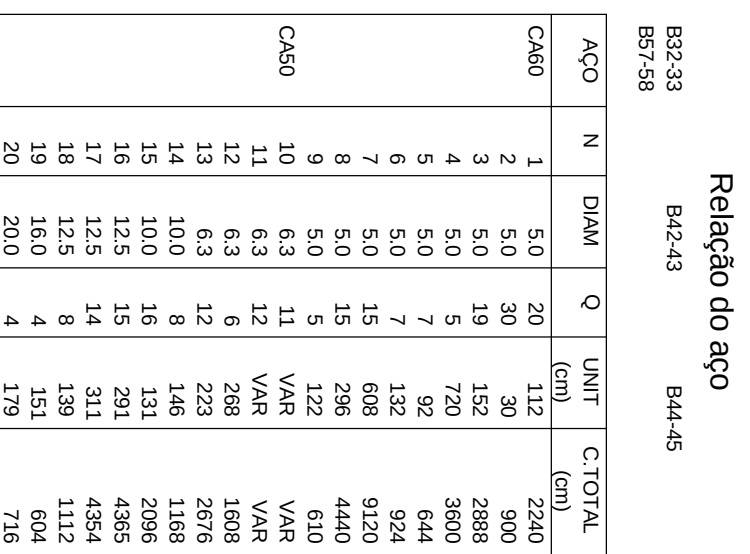
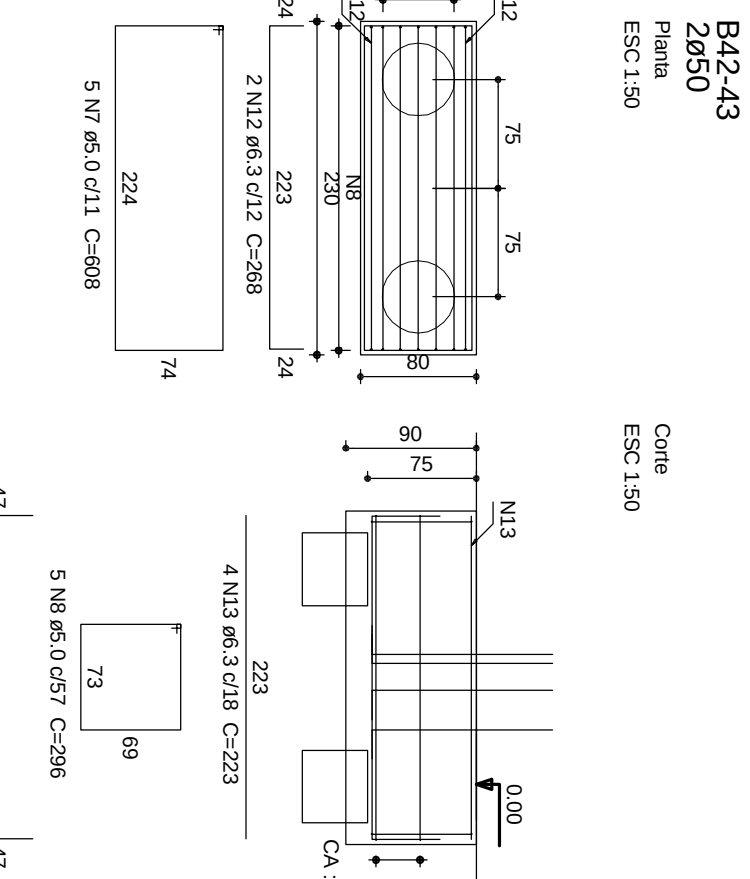
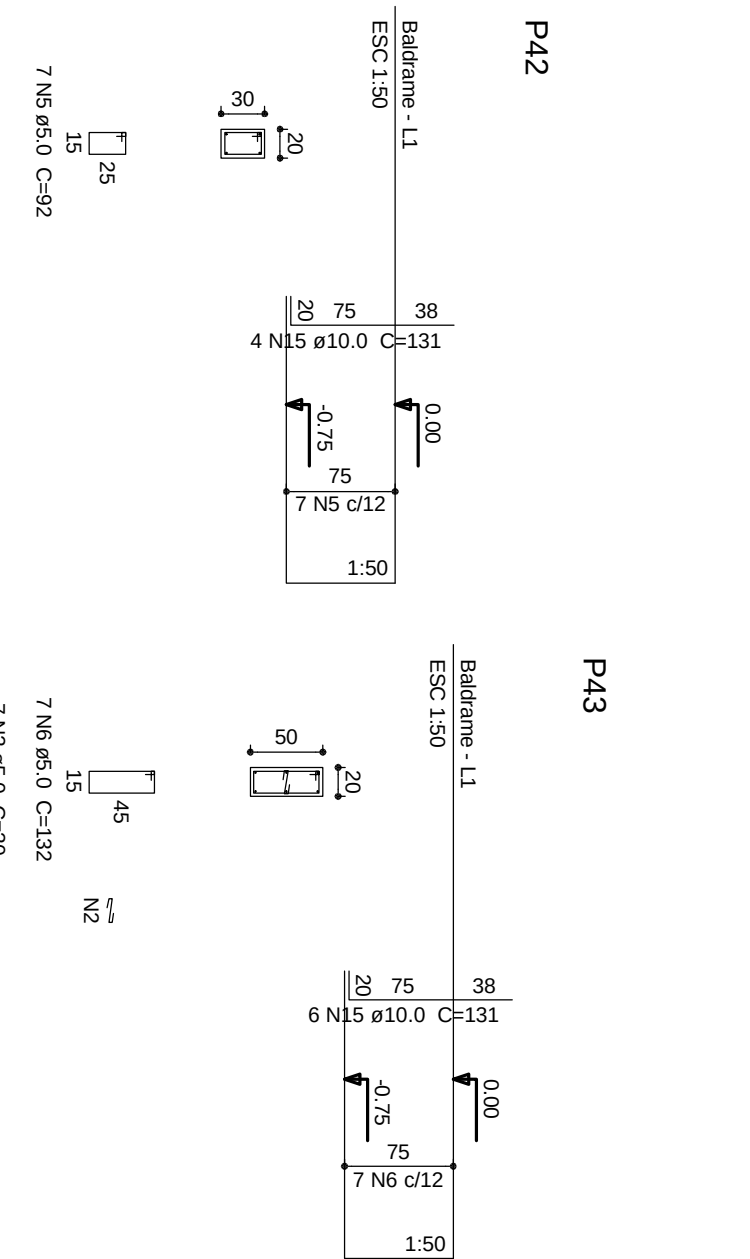
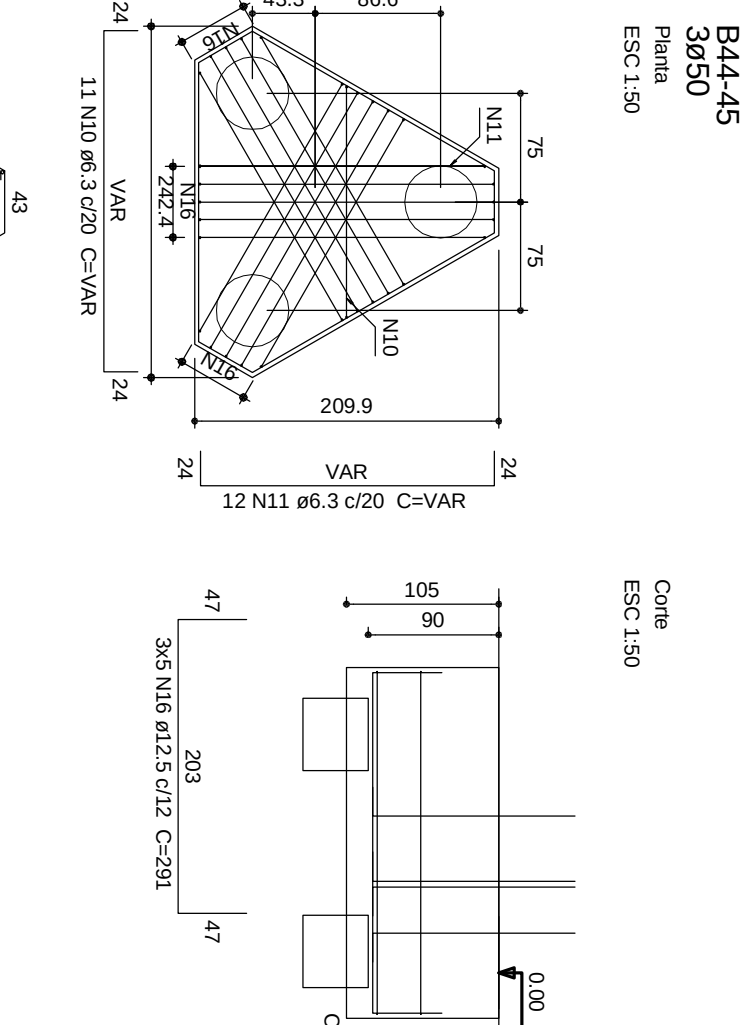
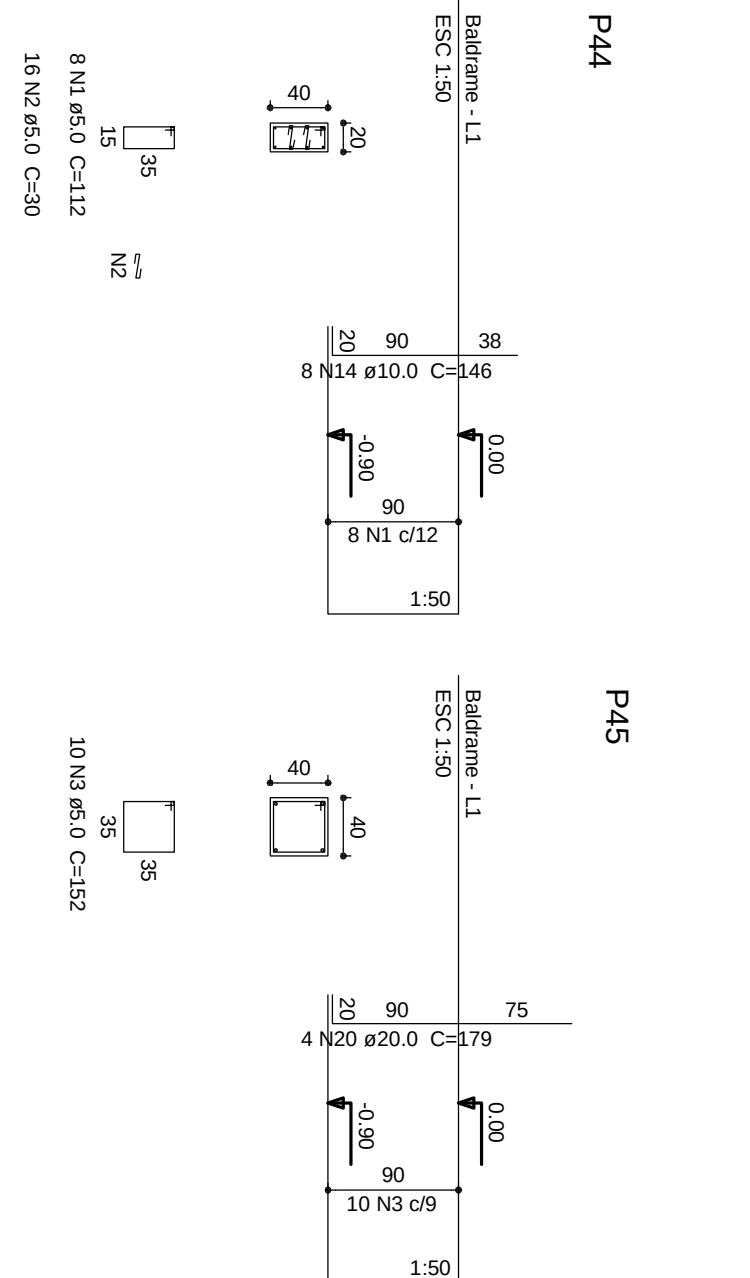




	ACO	N	Diam	Q	UNIT	C-TOTAL
C460	1	5.0	10	152	1520	
	3	5.0	10	152	4560	
	5	5.0	10	152	7600	
	7	5.0	10	152	10640	
	9	5.0	10	152	13680	
	11	5.0	10	152	16720	
	13	5.0	10	152	19760	
	15	5.0	10	152	22800	
	17	5.0	10	152	25840	
	19	5.0	10	152	28880	
	21	5.0	10	152	31920	
C450	1	5.0	9	140	1400	
	3	5.0	9	140	4200	
	5	5.0	9	140	7000	
	7	5.0	9	140	9800	
	9	5.0	9	140	12600	
	11	5.0	9	140	15400	
	13	5.0	9	140	18200	
	15	5.0	9	140	21000	
	17	5.0	9	140	23800	
	19	5.0	9	140	26600	
	21	5.0	9	140	29400	
C440	1	5.0	8	128	1280	
	3	5.0	8	128	3840	
	5	5.0	8	128	6400	
	7	5.0	8	128	8960	
	9	5.0	8	128	11520	
	11	5.0	8	128	14080	
	13	5.0	8	128	16640	
	15	5.0	8	128	19200	
	17	5.0	8	128	21760	
	19	5.0	8	128	24320	
	21	5.0	8	128	26880	
C430	1	5.0	7	116	1160	
	3	5.0	7	116	3480	
	5	5.0	7	116	5800	
	7	5.0	7	116	8120	
	9	5.0	7	116	10440	
	11	5.0	7	116	12760	
	13	5.0	7	116	15080	
	15	5.0	7	116	17400	
	17	5.0	7	116	19720	
	19	5.0	7	116	22040	
	21	5.0	7	116	24360	
C420	1	5.0	6	104	1040	
	3	5.0	6	104	3120	
	5	5.0	6	104	5200	
	7	5.0	6	104	7280	
	9	5.0	6	104	9360	
	11	5.0	6	104	11440	
	13	5.0	6	104	13520	
	15	5.0	6	104	15600	
	17	5.0	6	104	17680	
	19	5.0	6	104	19760	
	21	5.0	6	104	21840	
C410	1	5.0	5	92	920	
	3	5.0	5	92	2760	
	5	5.0	5	92	4600	
	7	5.0	5	92	6440	
	9	5.0	5	92	8280	
	11	5.0	5	92	10120	
	13	5.0	5	92	11960	
	15	5.0	5	92	13800	
	17	5.0	5	92	15640	
	19	5.0	5	92	17480	
	21	5.0	5	92	19320	
C400	1	5.0	4	80	800	
	3	5.0	4	80	2400	
	5	5.0	4	80	4000	
	7	5.0	4	80	5600	
	9	5.0	4	80	7200	
	11	5.0	4	80	8800	
	13	5.0	4	80	10400	
	15	5.0	4	80	12000	
	17	5.0	4	80	13600	
	19	5.0	4	80	15200	
	21	5.0	4	80	16800	
C390	1	5.0	3	68	680	
	3	5.0	3	68	2040	
	5	5.0	3	68	3400	
	7	5.0	3	68	4760	
	9	5.0	3	68	6120	
	11	5.0	3	68	7480	
	13	5.0	3	68	8840	
	15	5.0	3	68	10200	
	17	5.0	3	68	11560	
	19	5.0	3	68	12920	
	21	5.0	3	68	14280	
C380	1	5.0	2	56	560	
	3	5.0	2	56	1680	
	5	5.0	2	56	2800	
	7	5.0	2	56	3920	
	9	5.0	2	56	5040	
	11	5.0	2	56	6160	
	13	5.0	2	56	7280	
	15	5.0	2	56	8400	
	17	5.0	2	56	9520	
	19	5.0	2	56	10640	
	21	5.0	2	56	11760	
C370	1	5.0	1	44	440	
	3	5.0	1	44	1320	
	5	5.0	1	44	2200	
	7	5.0	1	44	3080	
	9	5.0	1	44	3960	
	11	5.0	1	44	4840	
	13	5.0	1	44	5720	
	15	5.0	1	44	6600	
	17	5.0	1	44	7480	
	19	5.0	1	44	8360	
	21	5.0	1	44	9240	
C360	1	5.0	1	32	320	
	3	5.0	1	32	960	
	5	5.0	1	32	1600	
	7	5.0	1	32	2240	
	9	5.0	1	32	2880	
	11	5.0	1	32	3520	
	13	5.0	1	32	4160	
	15	5.0	1	32	4800	
	17	5.0	1	32	5440	
	19	5.0	1	32	6080	
	21	5.0	1	32	6720	
C350	1	5.0	1	20	200	
	3	5.0	1	20	600	
	5	5.0	1	20	1000	
	7	5.0	1	20	1400	
	9	5.0	1	20	1800	
	11	5.0	1	20	2200	
	13	5.0	1	20	2600	
	15	5.0	1	20	3000	
	17	5.0	1	20	3400	
	19	5.0	1	20	3800	
	21	5.0	1	20	4200	
C340	1	5.0	1	16	160	
	3	5.0	1	16	480	
	5	5.0	1	16	800	
	7	5.0	1	16	1120	
	9	5.0	1	16	1440	
	11	5.0	1	16	1760	
	13	5.0	1	16	2080	
	15	5.0	1	16	2400	
	17	5.0	1	16	2720	
	19	5.0	1	16	3040	
	21	5.0	1	16	3360	
C330	1	5.0	1	12	120	
	3	5.0	1	12	360	
	5	5.0	1	12	600	
	7	5.0	1	12	840	
	9	5.0	1	12	1080	
	11	5.0	1	12	1320	
	13	5.0	1	12	1560	
	15	5.0	1	12	1800	
	17	5.0	1	12	2040	
	19	5.0	1	12	2280	
	21	5.0	1	12	2520	
C320	1	5.0	1	8	80	
	3	5.0	1	8	240	
	5	5.0	1	8	400	
	7	5.0	1	8	560	
	9	5.0	1	8	720	
	11	5.0	1	8	880	
	13	5.0	1	8	1040	
	15	5.0	1	8	1200	
	17	5.0	1	8	1360	
	19	5.0	1	8	1520	
	21	5.0	1	8	1680	
C310	1	5.0	1	4	40	
	3	5.0	1	4	120	
	5	5.0	1	4	200	
	7	5.0	1	4	280	
	9	5.0	1	4	360	
	11	5.0	1	4	440	
	13	5.0	1	4	520	
	15	5.0	1	4	600	
	17	5.0	1	4	680	
	19	5.0	1	4	760	
	21	5.0	1	4	840	
C300	1	5.0	1	2	20	
	3	5.0	1	2	60	
	5	5.0	1	2	100	
	7	5.0	1	2	140	
	9	5.0	1	2	180	
	11	5.0	1	2	220	
	13	5.0	1	2	260	
	15	5.0	1	2	300	
	17	5.0	1	2	340	
	19	5.0	1	2	380	
	21	5.0	1	2	420	
C290	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C280	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C270	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C260	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C250	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C240	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C230	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1	190	
	21	5.0	1	1	210	
C220	1	5.0	1	1	10	
	3	5.0	1	1	30	
	5	5.0	1	1	50	
	7	5.0	1	1	70	
	9	5.0	1	1	90	
	11	5.0	1	1	110	
	13	5.0	1	1	130	
	15	5.0	1	1	150	
	17	5.0	1	1	170	
	19	5.0	1	1		

Resumo do aço

	DIAM	C TOTAL	PESO + 10 %
CA50	6.3	424 (m)	114.1 (kg)
	10.0	46.3	31.4
	12.5	382.4	98.22
	16.0	18.8	32.5
CA60	5.0	324.2	55
PESO TOTAL			
CA50	530.2		
CA60	55		

Vol. de concreto total (C-25) = 22.14 m³
Área de forma total = 56.03 m²

TP:	DATA	RESPONSABIL:	DESCRIÇÃO DA REVISÃO
PAGE: OBSERVAÇÕES			
CONFERIR MEDIDAS NA OBRA			
COMP. MUSEU E ARQUIVO HISTÓRICO CAMPUS DIAMANTINA RODOVIA MG 367, KM 533, N.º 5000 - ALTO DA JACIBA - DIAMANTINMG MINHOPIRANGA - UNIVERSIDADE FEDERAL DOS PAÍSES DO RIO DE JANEIRO - FONE: 16.886.3.15/0001.57			
TÍTULO FUNDAÇÕES E ARRAIAQUÊS 617			
AUTOR PROJETO ESTRUTURAL: F.F.T.			
MACEDO SOUZA PROJETO S DE ENGENHARIA LTDA ME CNPJ: 09.954.680/0001-57 CN: 0259, 87.744.006 Rua Vinte e Nove de Abril, 1000, Sítio Jacone, Jaci Minas (31) 3771-0854 / 3771-3186			
VERSÃO:	DATA:	AUTOCOD:	FOCHA:
VERSÃO I	22.08.2011		
1 0 / 7 1			