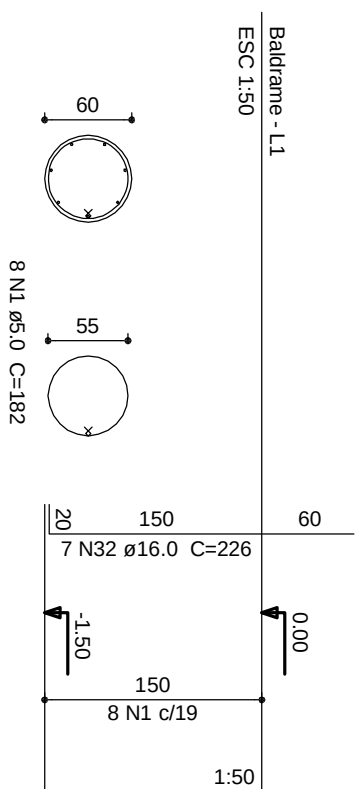
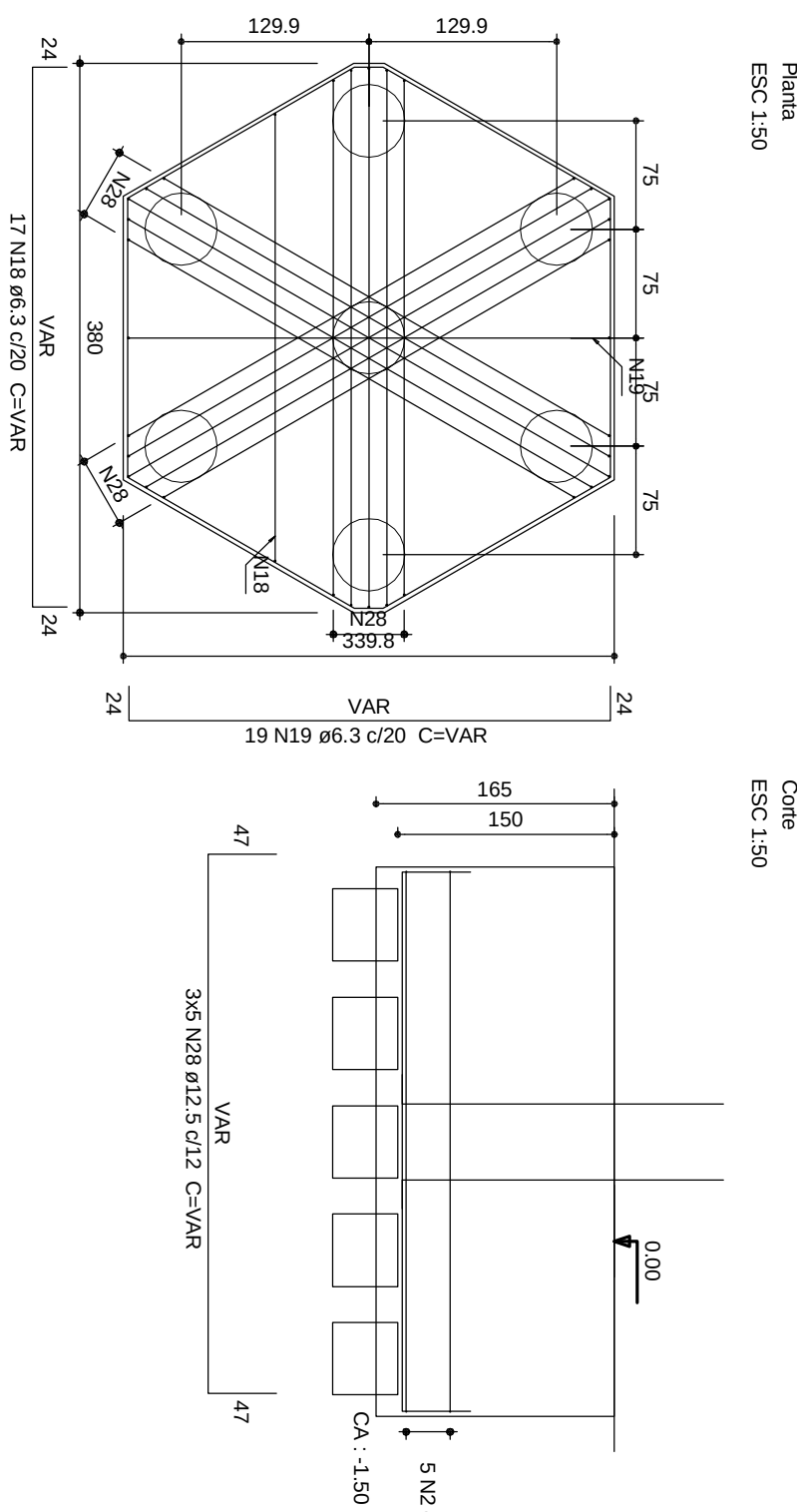
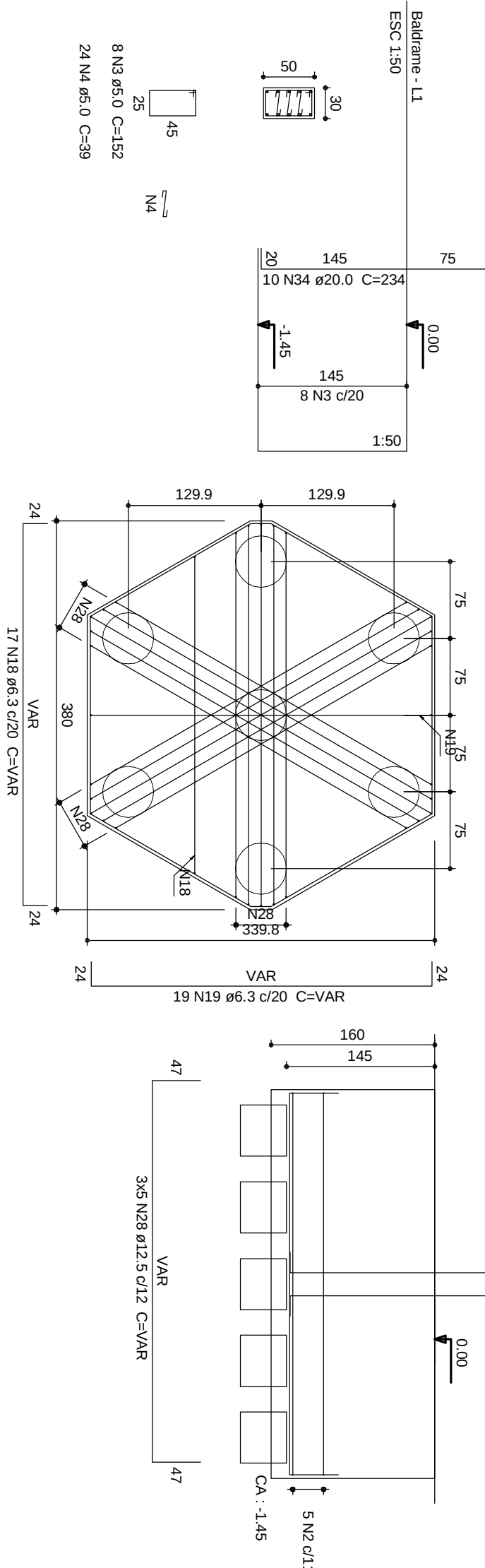




B71
7050
Planta
ESC 150



B90
7050
Planta
ESC 1.4
P90



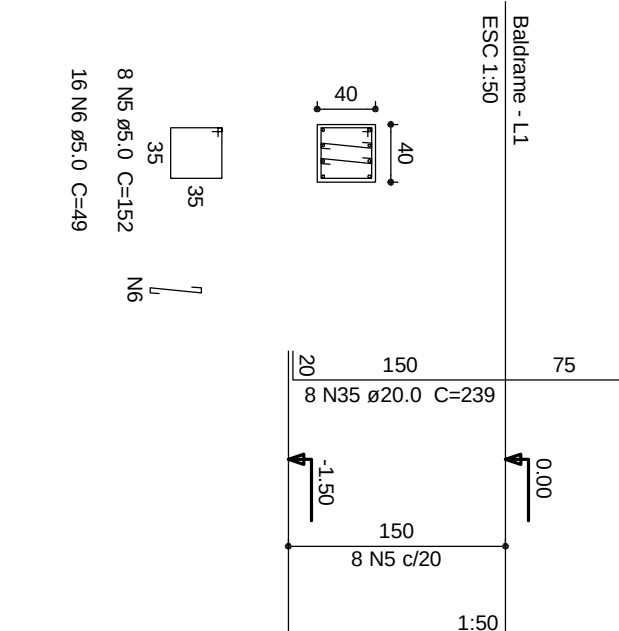
Relação do aço

	QAO	N	DIAM	Q	UNIT	C.TOTAL
C650	C650	1	5.0	8	135	956
		2	5.0	16	1152	1185
		3	5.0	16	1152	2832
		4	5.0	32	39	1248
		5	5.0	32	152	2432
		6	5.0	16	48	664
		7	5.0	16	48	664
		8	5.0	8	48	472
		9	5.0	13	59	89
		10	5.0	13	59	89
		11	5.0	26	30	760
		12	5.0	26	128	1716
		13	5.0	26	128	2460
		14	5.0	20	1152	5780
		15	5.0	20	1156	5780
		16	5.0	7	122	854
		17	5.0	7	122	854
		18	5.0	8	868	3040
		19	5.0	8	868	3040
		20	5.0	32	VAR	VAR
		21	5.0	32	VAR	VAR
		22	6.3	38	418	20064
		23	6.3	38	418	20064
		24	6.3	76	268	20904
		25	6.3	76	268	20904
		26	6.3	32	350	9800
		27	6.3	32	350	9800
		28	10.0	14	206	2884
		29	10.0	14	206	2884
		30	10.0	60	294	17640
		31	10.0	60	294	17640
		32	10.0	80	131	2620
		33	10.0	80	131	2620
		34	12.5	12	214	VAR
		35	12.5	12	214	VAR
	36	12.5	8	155	1555	
	37	12.5	8	155	1555	
	38	16.0	5	226	3330	
	39	16.0	5	226	3330	
	40	16.0	20	224	3224	
	41	16.0	20	224	3224	
	42	20.0	16	239	3840	
	43	20.0	16	239	3840	

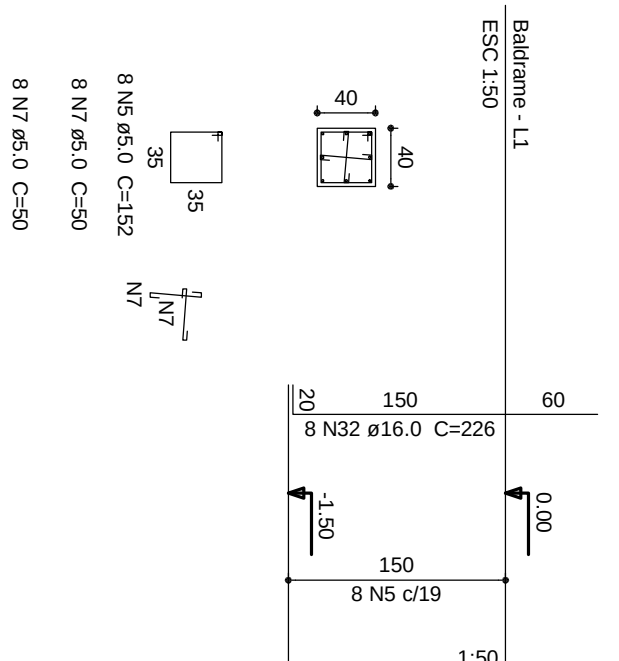
Resumo do aço

	DIAM	C.TOTAL (mm)	PESO + 10 % (kg)
CA50	6.3	803.4	216.2
	10.0	238.1	161.4
	12.5	209.4	221.9
	16.0	189.5	328.9
	20.0	61.7	167.2
CA60	5.0	613.6	104
PESO TOTAL			
CA50	1095.6		
CA60	104		

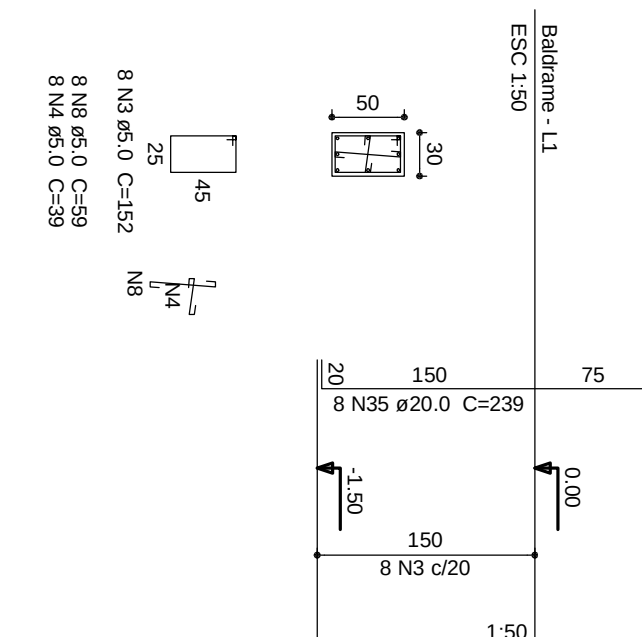
Vol. de concreto total (C-25) = 106.29 m³
Área de forma total = 161.84 m²

$$\text{Vol. de concreto total (C-25)} = 106.29 \text{ m}^3$$


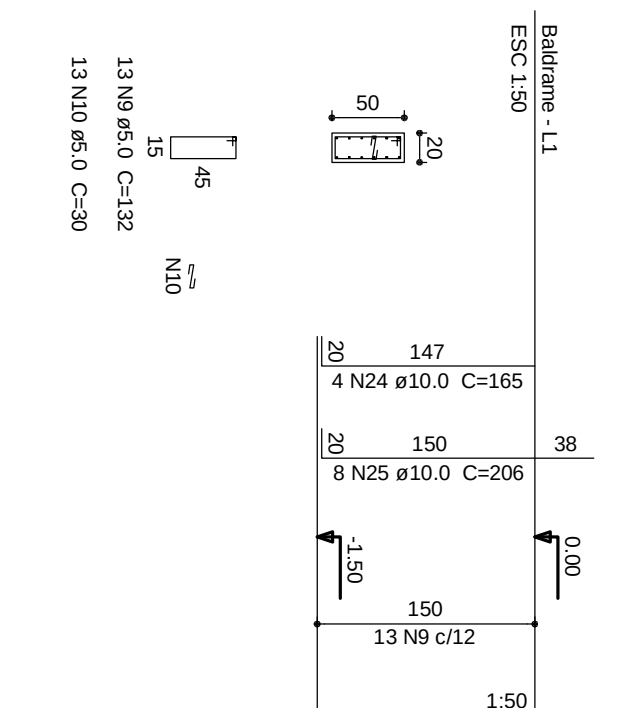
P16



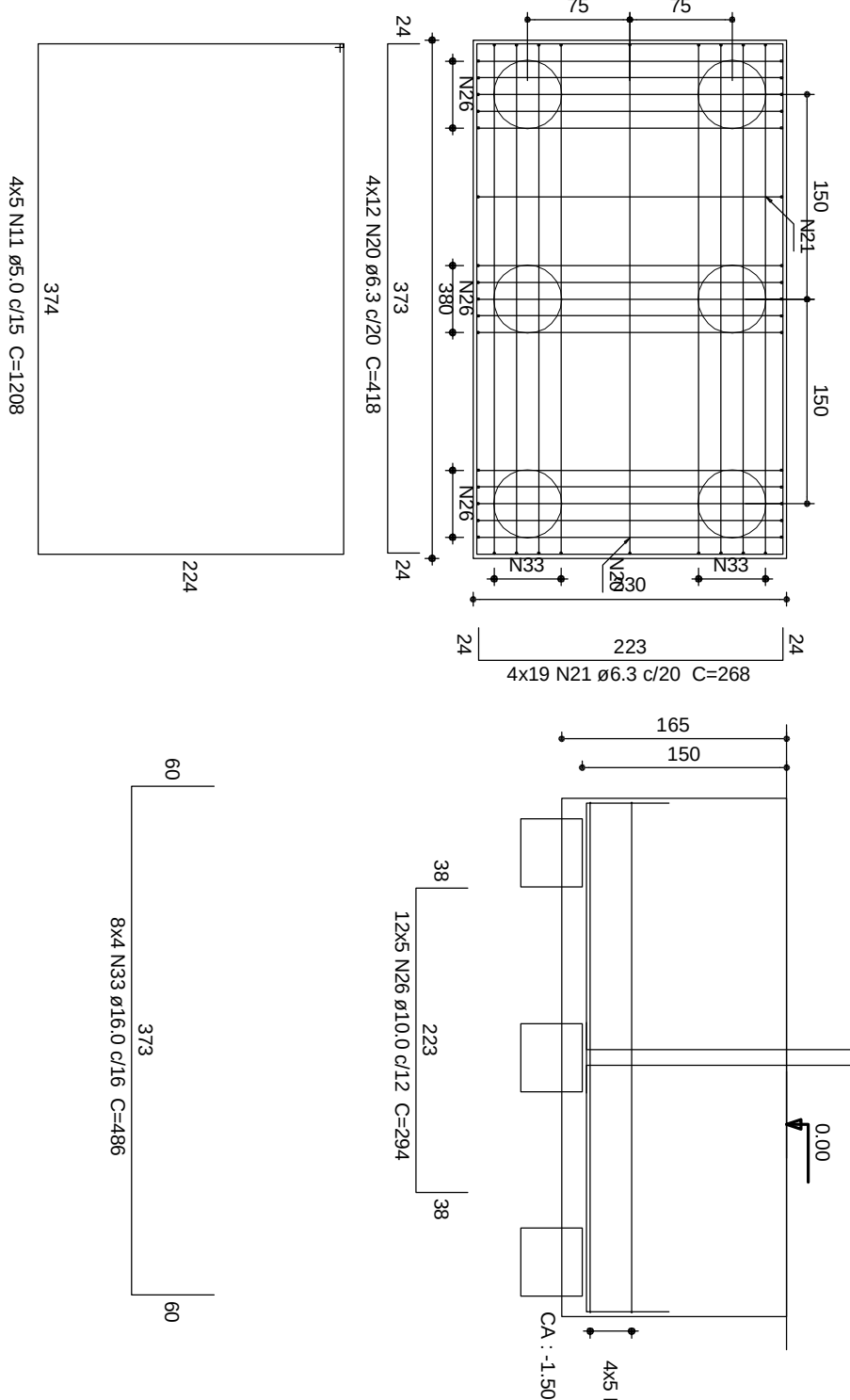
P26



P61

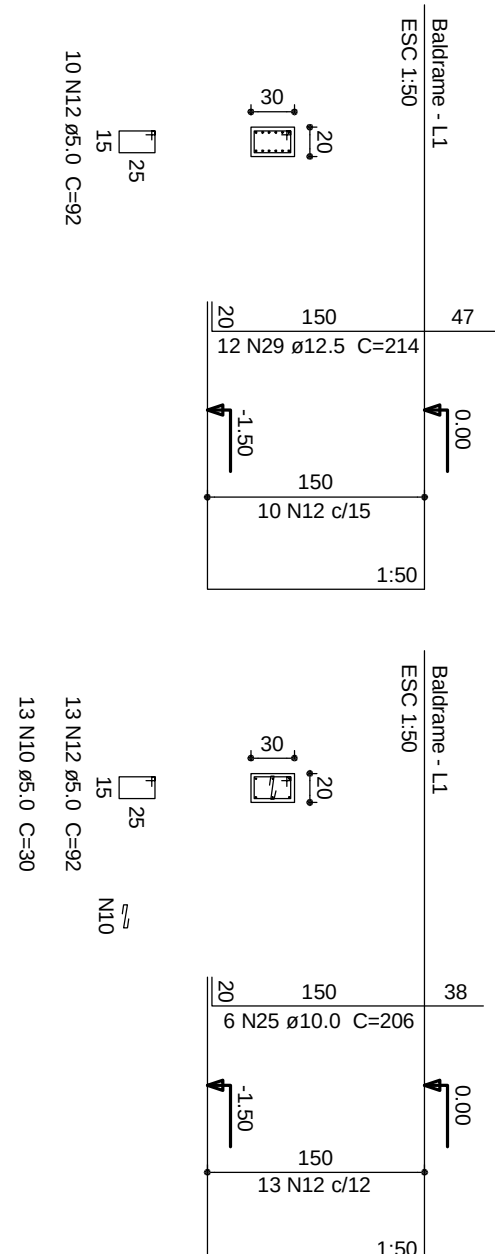


P63

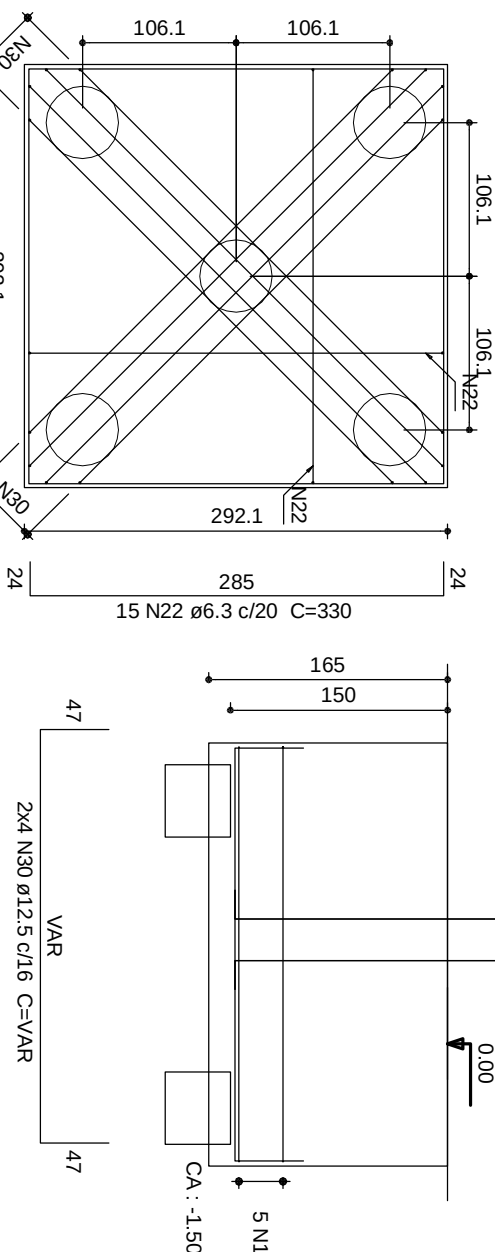


B16=B26=B61=B63
6050
Planta
ESC 1:50

ESC 1:50

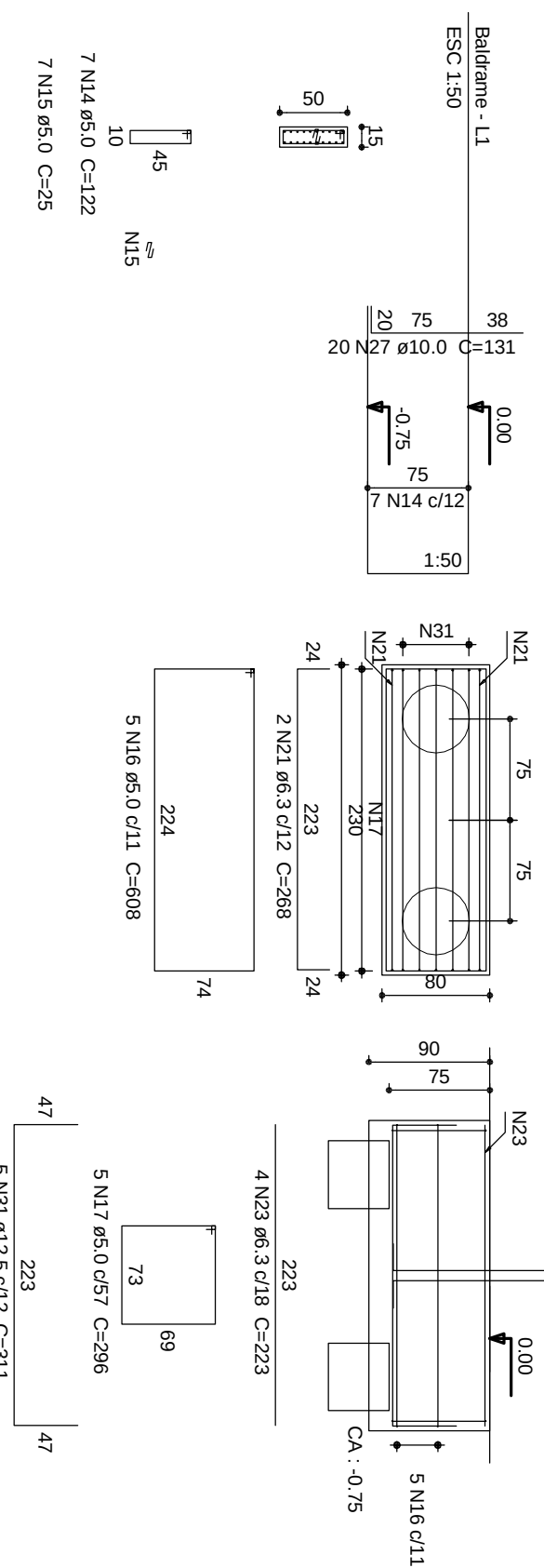


P5



B5-6
5050
Planta
ESC 1:5

Corte
ESC 1:50



P88

Corre
ESC 1:50

COMP. MUSEU E ARQUIVO HISTÓRICO



FUNDAÇÕES E ARRANQUES 2/7

MACEDO SIQUEIRA PROJETOS & ENGENHARIA LTDA-ME
CNPJ: 09.566.686/0001-57

RUA MARGARIDA CORTONA N.º 799, CAMMAN, SETE LACOAS/MOZAMBIQUE (TEL. 37231 3554 / 00027 3194)

FROM MARGARETHA CORONA IN '92, CROWN, SELF DUBOIS/M
 FONES: (31) 3771-0554 / 9997-3184

DETA L H A M E N T O:

22.08.2011

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