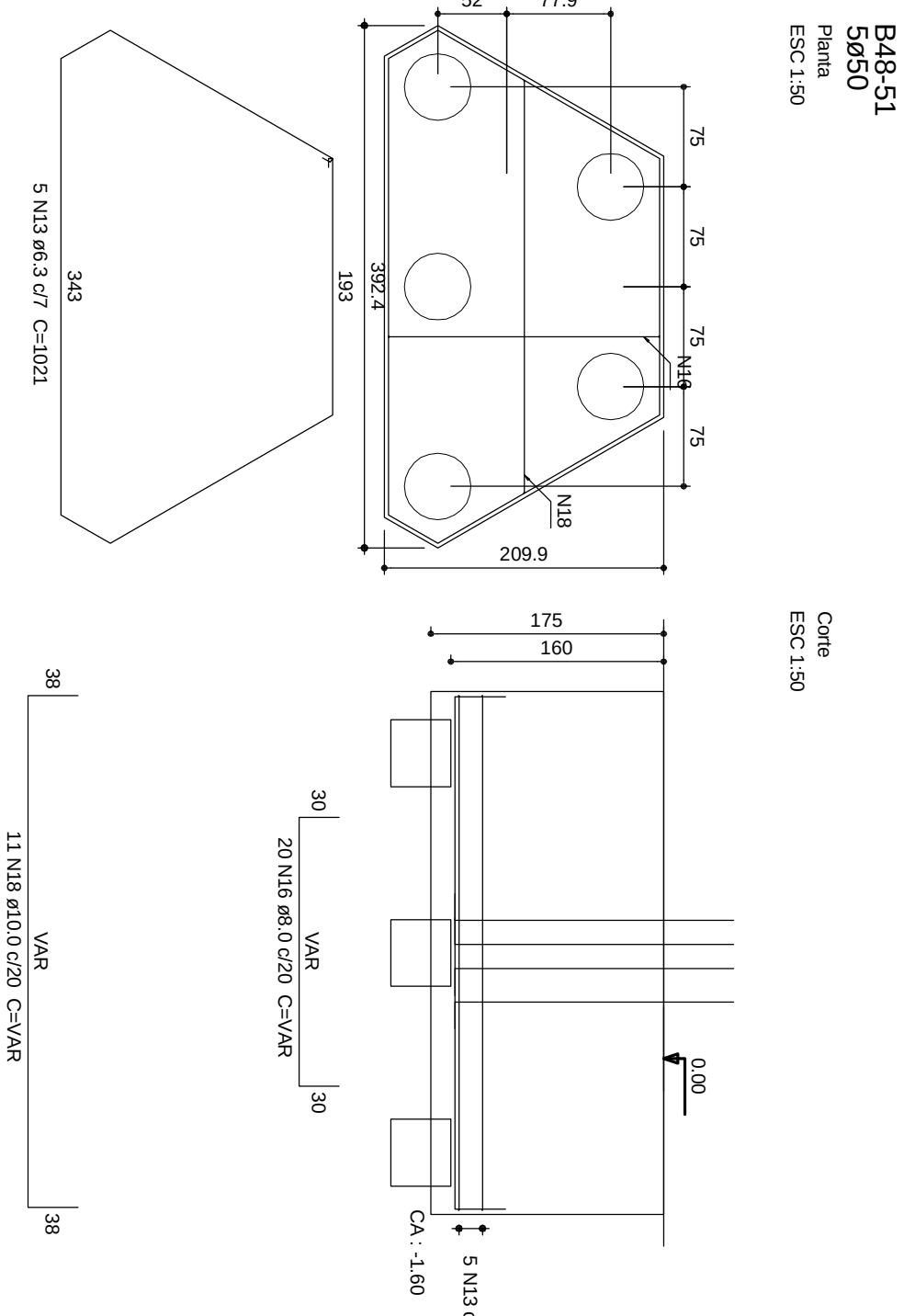
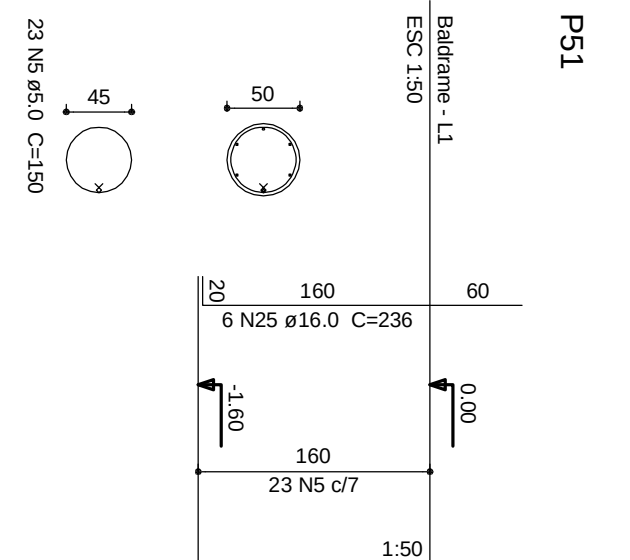
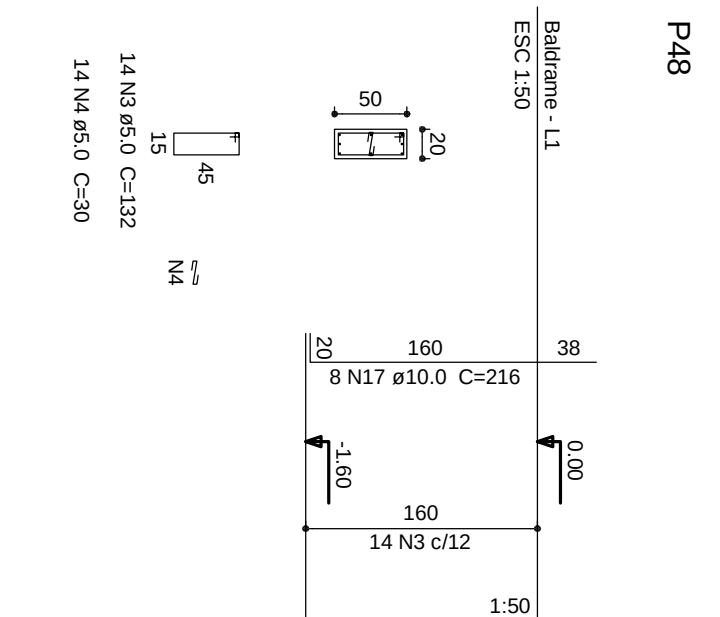
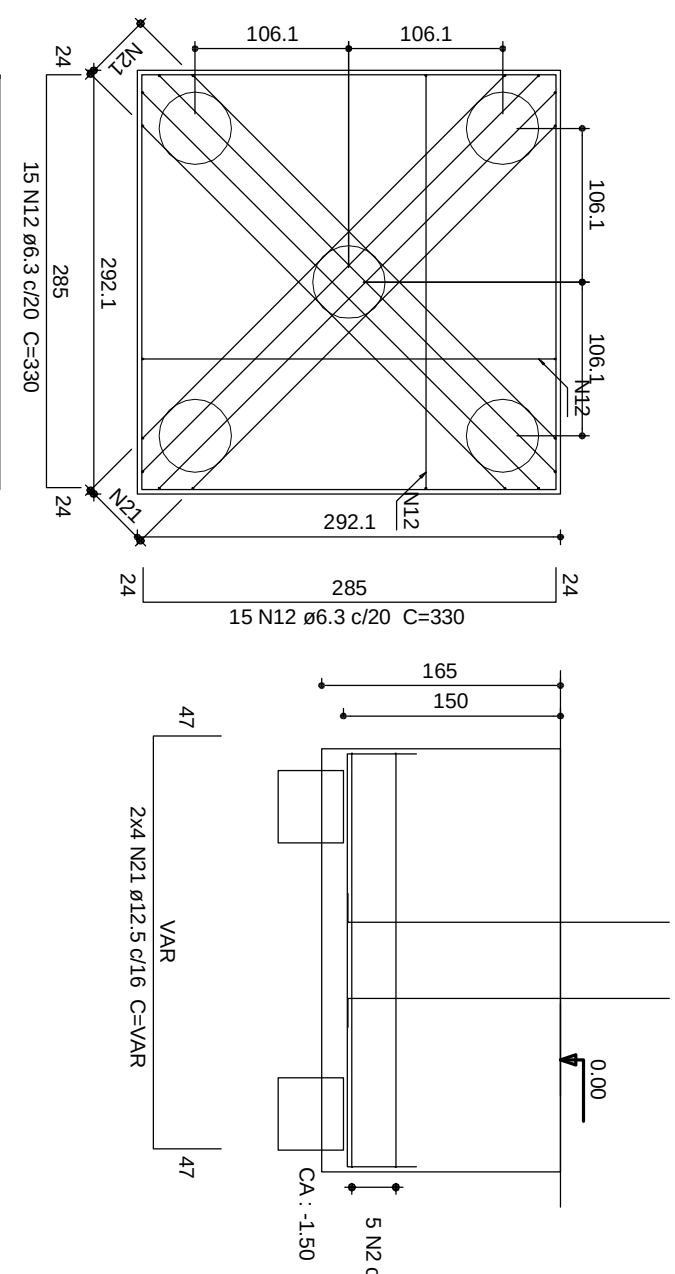
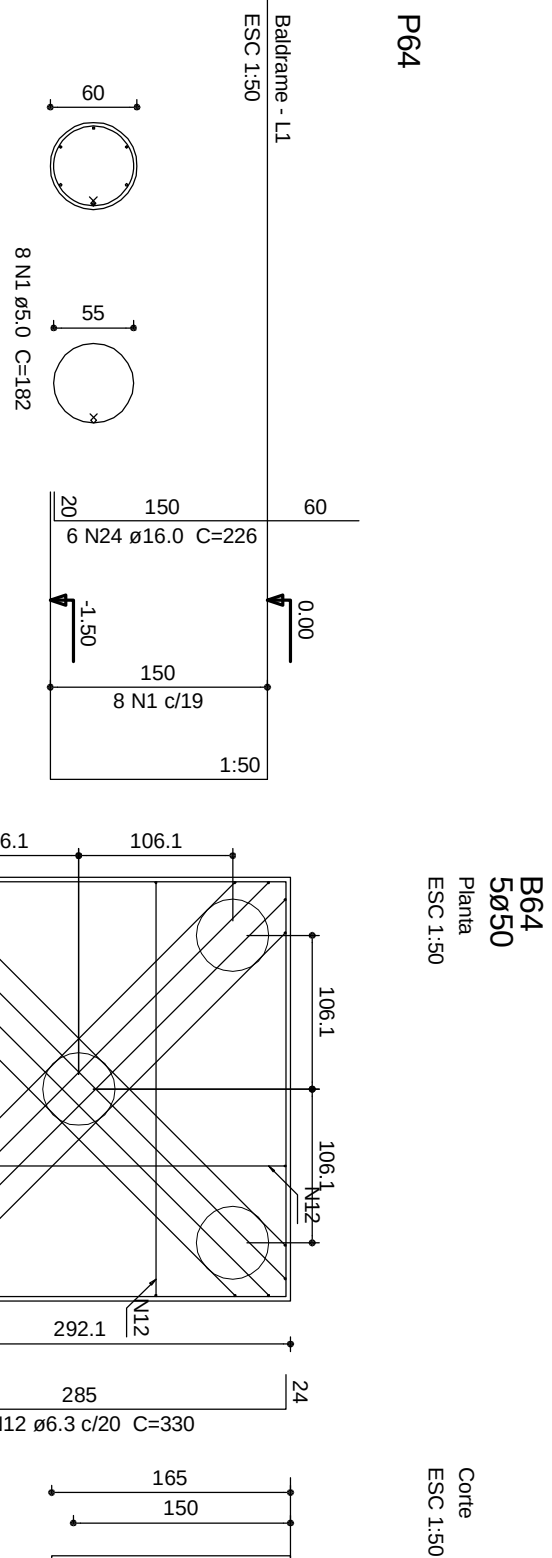


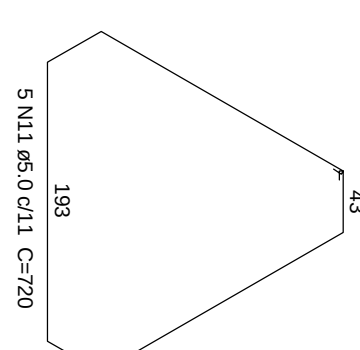
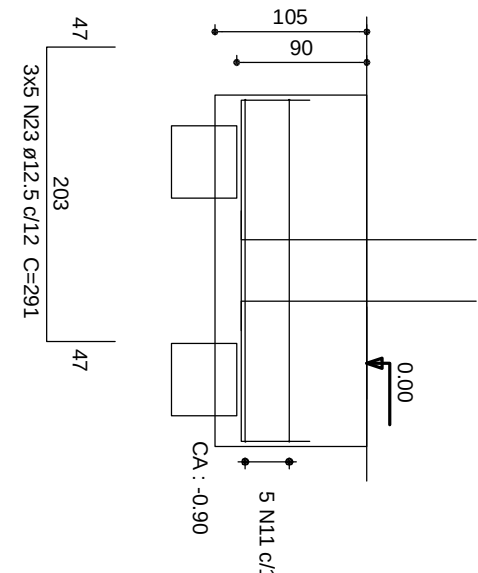
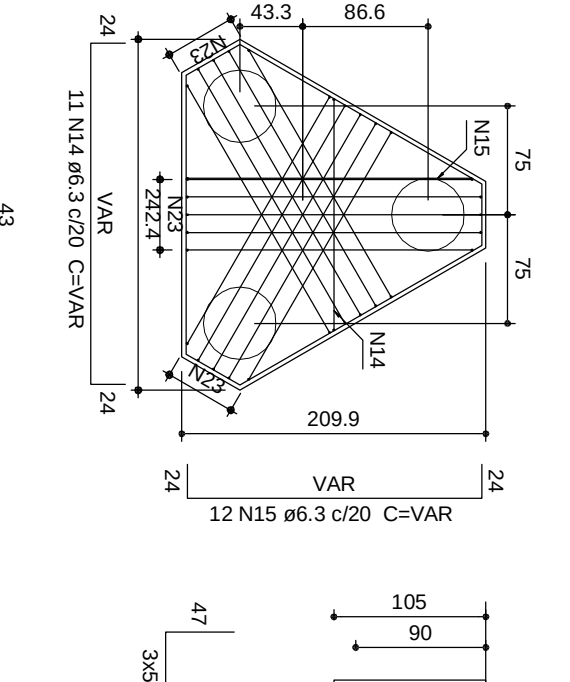
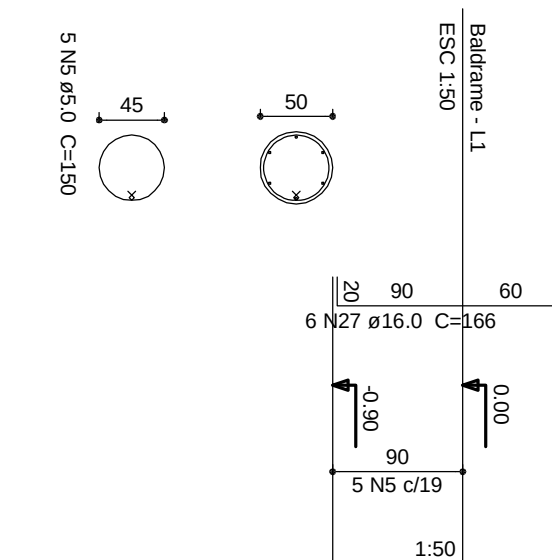
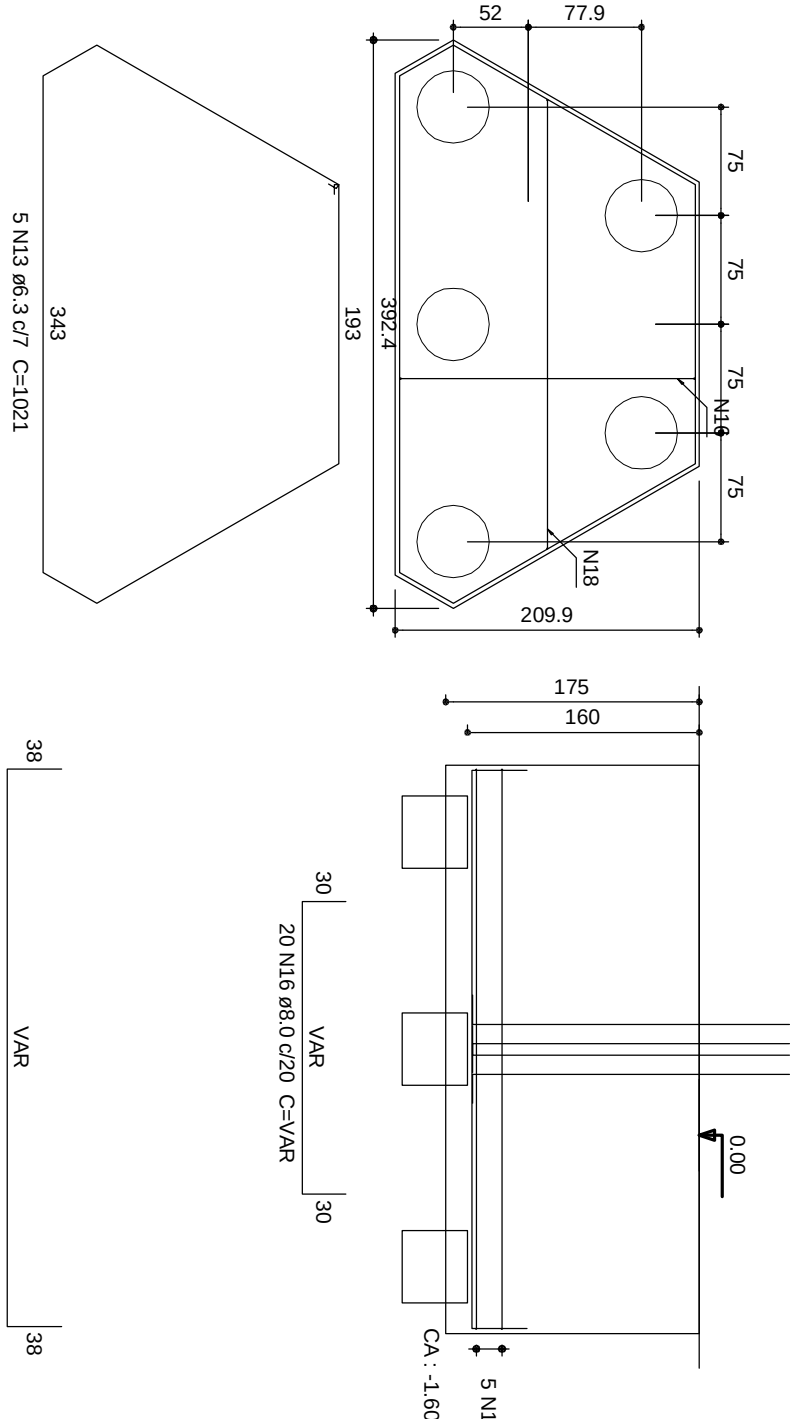
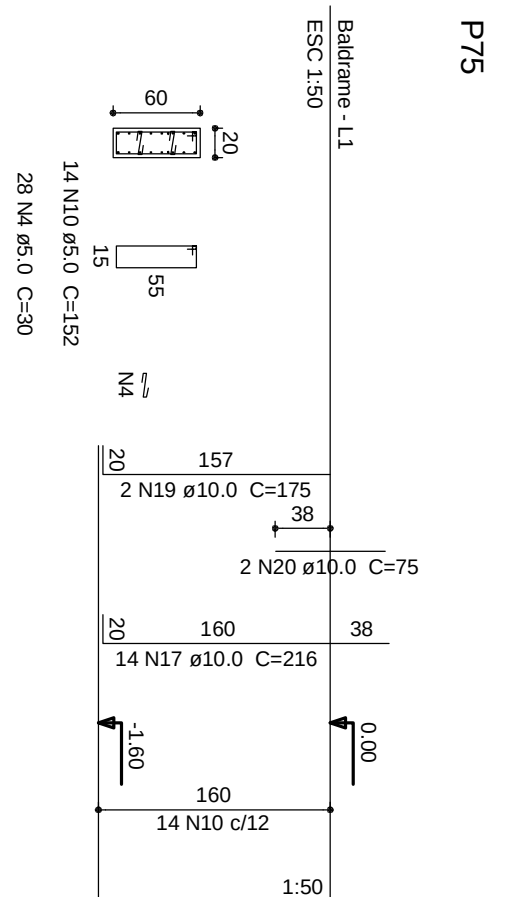
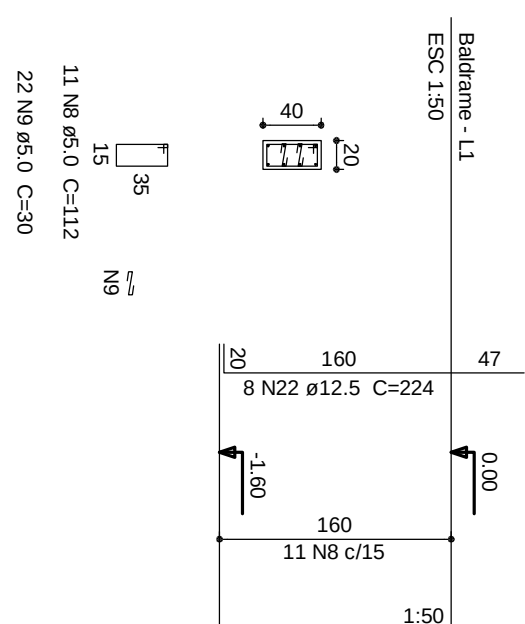
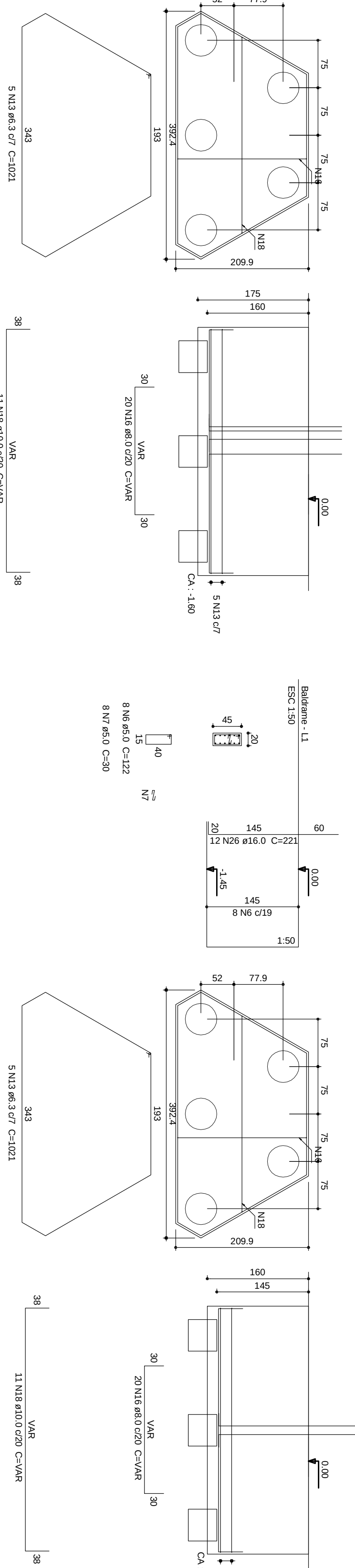
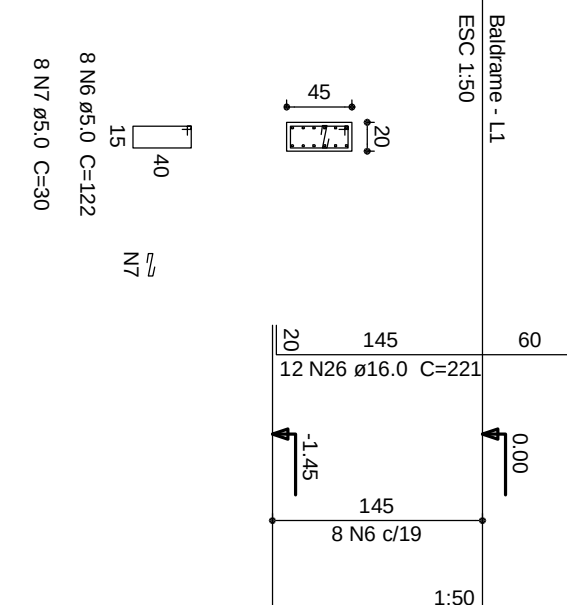
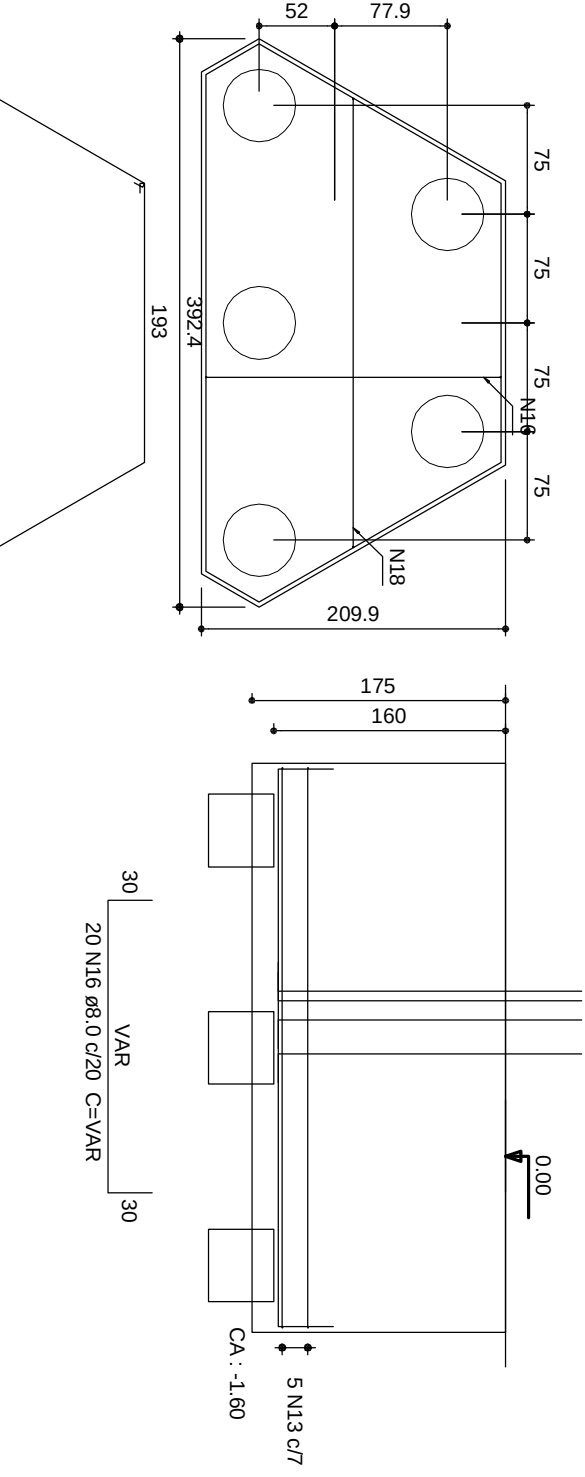
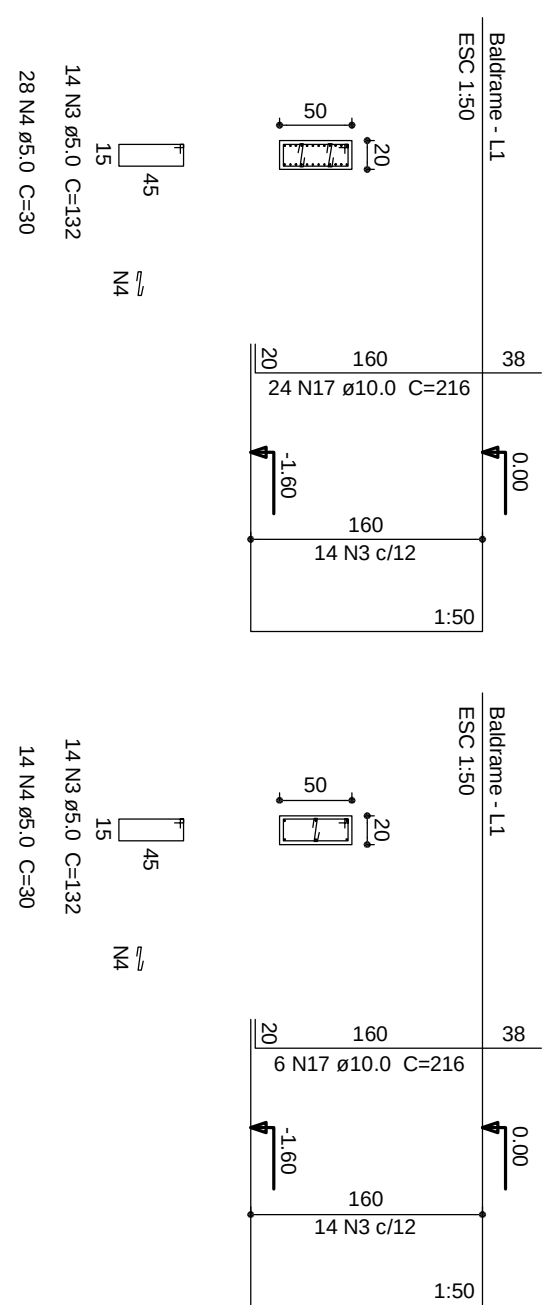


Relação do aço						
Bd	ACO	N	DIAM	Q	Bd	
					BdS-1	BdS-2
					UNIT	Q-TOTAL
					(cm)	(cm)
C60	1	5,0	8	132	1560	5460
	2	5,0	4	112	1456	5040
	3	5,0	8	132	1560	5460
	4	5,0	84	30	2520	8820
	5	5,0	284	40	4200	14280
	6	5,0	280	150	4200	14280
	7	5,0	8	122	976	3368
	8	5,0	8	30	1240	4200
	9	5,0	18	30	1240	4200
	10	5,0	22	30	660	2280
	11	5,0	50	14	152	2128
	12	6,3	5	720	3900	13020
	13	6,3	30	330	330	1100
	14	6,3	10	302	2060	7020
	15	6,3	11	302	2060	7020
	16	6,3	12	VAR		
	17	8,0	80	VAR		
	18	10,0	52	216	11232	38448
	19	10,0	44	VAR		
	20	12,5	75	150	11250	37500
	21	12,5	8	VAR		
	22	12,5	8	224	1792	6048
	23	16,0	15	291	4365	14565
	24	16,0	5	291	4365	14565
	25	16,0	8	228	3456	11520
	26	16,0	12	221	2652	8844
	27	16,0	6	166	2652	8844

Resumo do aço

	DIAM	C TOTAL (mm)	PESO + 10 % (kg)
CA50	6,3	363,8	97,9
	8,0	206,4	89,6
	10,0	317,6	215,3
	12,5	91,5	96,9
	16,0	64,2	111,5
CA60	5,0	283,4	48
PESO TOTAL			
CA50	611,2		
CA60	48		

Vol. de concreto total (C-25) = 62.97 m³
Área de forma total = 117.11 m²



UF	ESTADO	DISCRICÃO DA RESOLUÇÃO
DATA	RESPONSÁVEL	
FASE:		
OBSERVAÇÕES		
CONFERIR MEDIDAS NA OBRA		
COMP. MUSEU E ARQUIVO HISTÓRICO CAMPUS DIAMANTINA RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACIBA - DIAMANTINAMG PROFESSADO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI CRIJ: 16.886.315/0001-157		
		
TÍTULO		
FUNDAÇÕES E ARRAIAQUÊS 317		
AUTOR PROJETO ESTRUTURAL: R.T.		
<u>MACEDO SIQUEIRA PROJETOS E ENGENHARIA LTDA-ME</u> PR. DR. CAR. ANTONIO MACEDO DE MACEDO - CREA 81-746/06 Endereço: Rua 15 de Novembro, 100 - Centro - Diamantina - MG - CEP: 35.500-000 Telefone: (31) 3771-0554 / 9997-3184		
 www.amaedoen Engenharia.com.br Phone: (31) 3771-0554 / 9997-3184		
DETALHAMENTO:		
VERSÃO:	DATA:	AUTOCAD:
VERSÃO I	22.08.2011	
		FOUNDA:
07/71		