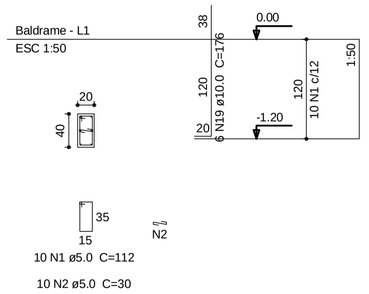
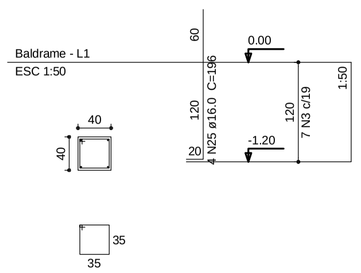
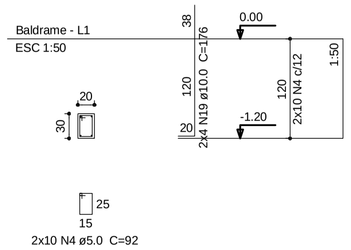
P11



P13

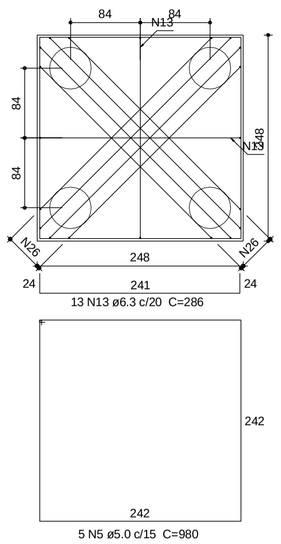


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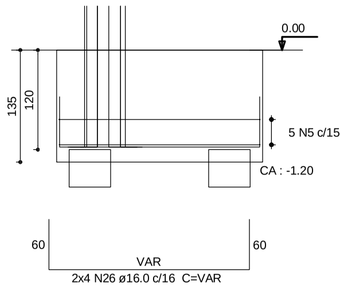


B9-11-12-13
4ø50

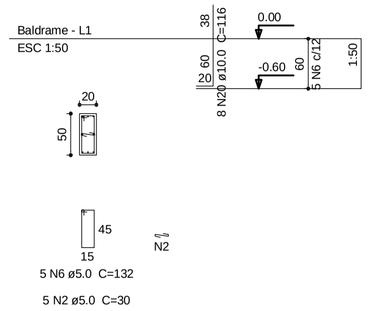
Planta
ESC 1:50



Corte
ESC 1:50

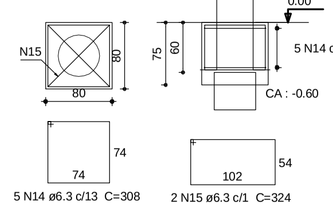


P53



B53
1ø50

Planta
ESC 1:50



Corte
ESC 1:50

Relação do aço

B8 B29 B53
B72 B9-11-12-13

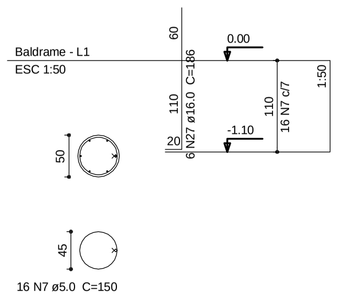
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	24	112	2688
	2	5.0	15	30	450
	3	5.0	46	152	6992
	4	5.0	20	92	1840
	5	5.0	5	980	4900
	6	5.0	5	132	660
	7	5.0	22	150	3300
	8	5.0	40	908	36320
	9	5.0	9	50	450
	10	5.0	10	720	7200
	11	5.0	14	30	420
	12	5.0	5	49	245
CA50	13	6.3	26	286	7436
	14	6.3	5	308	1540
	15	6.3	2	324	648
	16	6.3	192	268	51456
	17	6.3	22	VAR	VAR
	18	6.3	24	VAR	VAR
	19	10.0	14	176	2464
	20	10.0	8	116	928
	21	12.5	20	159	3180
	22	12.5	2	109	218
	23	12.5	2	94	188
	24	12.5	60	VAR	VAR
	25	16.0	4	196	784
	26	16.0	8	VAR	VAR
	27	16.0	6	186	1116
	28	16.0	16	VAR	VAR
	29	16.0	10	151	1510
	30	16.0	24	316	7584
	31	16.0	12	171	2052
	32	20.0	7	199	1393
	33	20.0	6	184	1104

Resumo do aço

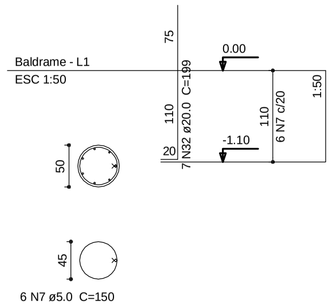
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	732	197
	10.0	34	23
	12.5	222.5	235.7
	16.0	212.6	369
	20.0	25	67.7
CA60	5.0	654.7	111
PESO TOTAL			
CA50	892.5		
CA60	111		

Vol. de concreto total (C-25) = 63.57 m³
Área de forma total = 133.42 m²

P72

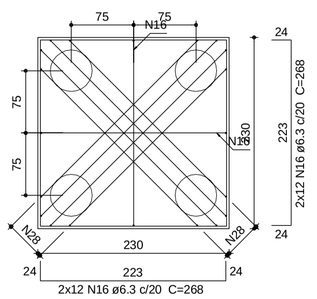


P83

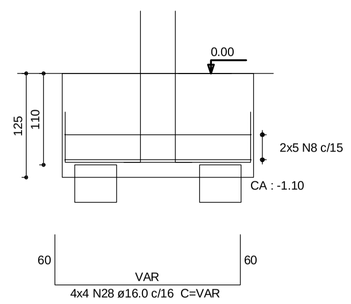


B72=B83
4ø50

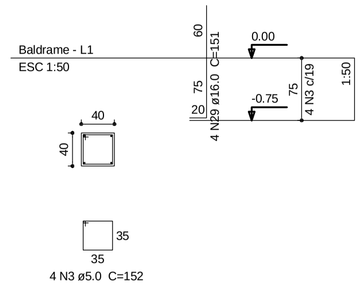
Planta
ESC 1:50



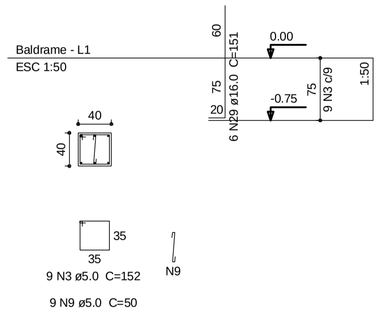
Corte
ESC 1:50



P18

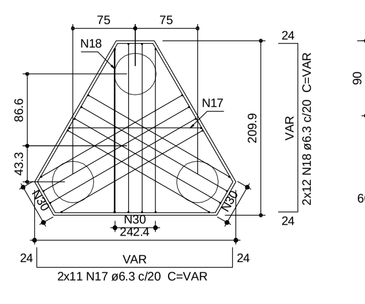


P8

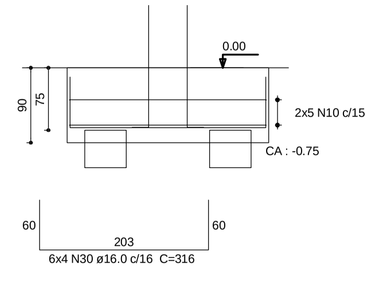


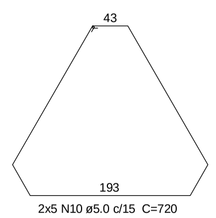
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3ø50

Planta
ESC 1:50

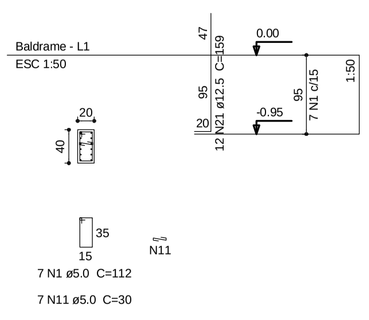


Corte
ESC 1:50

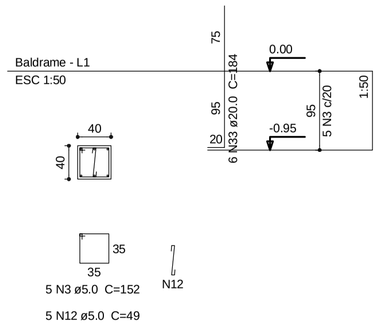




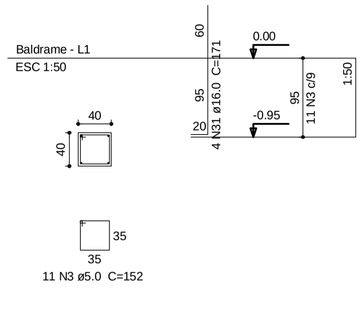
P29



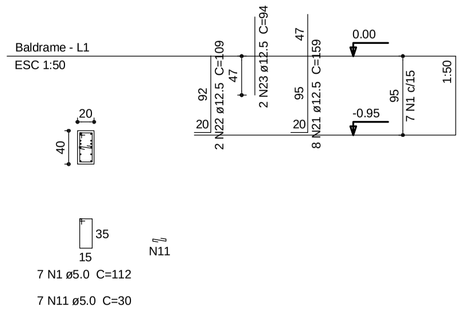
P31



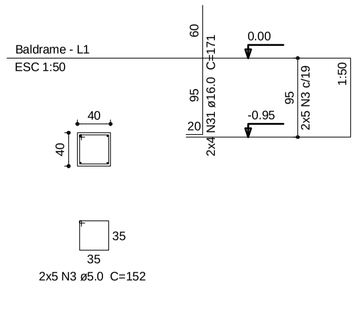
P62



P77

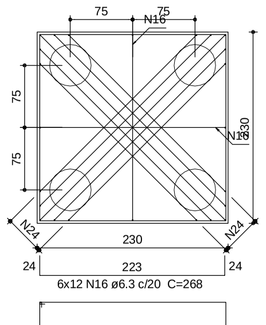


P15=P78

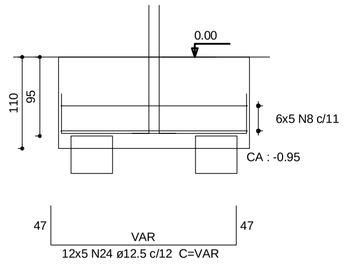


B15=B29=B31=B62=B77=B78
4ø50

Planta
ESC 1:50



Corte
ESC 1:50



Nº:	DATA	RESPONSÁVEL	DESCRIÇÃO DA REVISÃO:

FASE: PROJETO ESTRUTURAL

OBSERVAÇÕES: CONFERIR MEDIDAS NA OBRA

COMP. MUSEU E ARQUIVO HISTÓRICO
CAMPUS DIAMANTINA
RODOVIA MG 367, KM 583, Nº 5000 - ALTO DA JACUBA - DIAMANTINA/MG

PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI — CNPJ 16.888.315/0001-57

UFVJM

TÍTULO: FUNDAÇÕES E ARRANQUES 4/7

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