Relação do aço

B41

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	66	76	5016
	2	5.0	18	23	414
	3	5.0	15	100	1500
	4	5.0	6	25	150
	5	5.0	3	138	414
	6	5.0	6	39	234
	7	5.0	14	108	1512
	8	5.0	21	29	609
	9	5.0	2	29	58
	10	5.0	26	128	3328
	11	5.0	2	84	168
	12	5.0	2	27	54
	13	5.0	5	114	570
	14	5.0	2	27	54
	15	5.0	6	27	162
	16	5.0	6	23	138
	17	5.0	3	114	342
	18	5.0	3	23	69
	19	5.0	8	104	832
	20	5.0	2	26	52
	21	5.0	9	118	1062
	22	5.0	9	96	864
	23	5.0	120	148	17760
	24	5.0	300	144	43200
	25	8.0	300	108	32400
	26	10.0	260	310	80600
	27	10.0	172	VAR	VAR
	28	10.0	16	VAR	VAR
	29	10.0	2	75	150
	30	10.0	300	145	43500
	31	12.5	144	VAR	VAR
	32	16.0	26	VAR	VAR
	33	16.0	4	121	484
	34	20.0	6	VAR	VAR
	35	20.0	10	151	1510

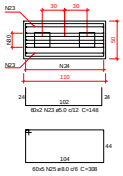
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	1634.4	709.4
	10.0	581.7	401.2
	12.5	135.4	143.4
	16.0	32.4	55.3
	20.0	22.3	60.3
CA60	5.0	359.7	80
PESO TOTAL			
CA50	1370.7		
CA60	80		

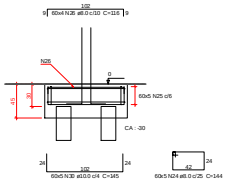
Vol. de concreto total (C-25) = 15.44 m³
Área de forma total = 106.54 m²

B2=B3=B7=B8=B9=B10=B12=B13=B14=B15=B16
=B17=B18=B19=B20=B21=B22=B23=B24=B25
=B26=B27=B28=B29=B30=B31=B32=B33=B34
=B35=B36=B37=B38=B39=B40=B41=B42=B43
=B44=B45=B46=B47=B48=B49=B50=B51=B52
=B53=B54=B55=B56=B57=B58=B59=B61=B63
=B64=B65=B66=B67
2 est. ø20

PLANTA
ESC 1:25



CORTE
ESC 1:25



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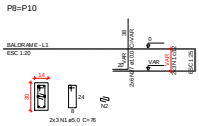

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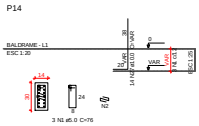

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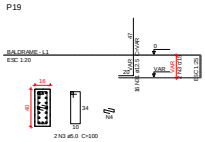

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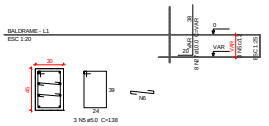

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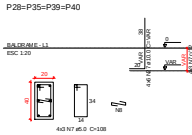

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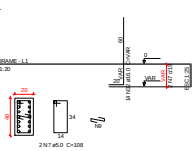

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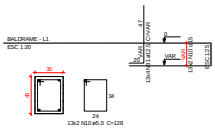

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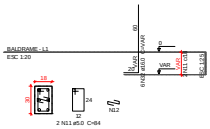

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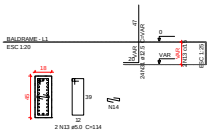

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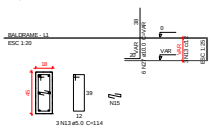

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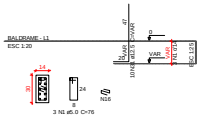

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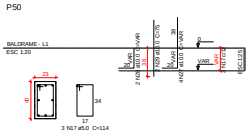

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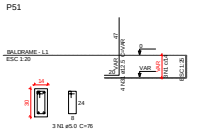

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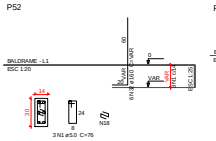

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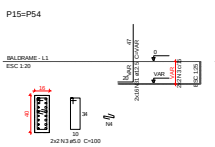

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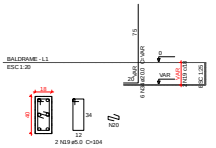

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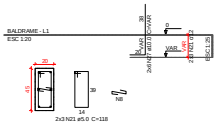

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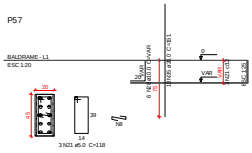

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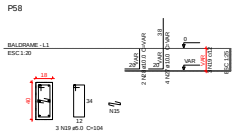

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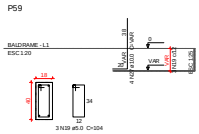

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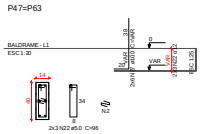

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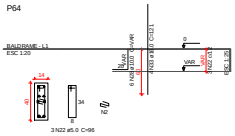

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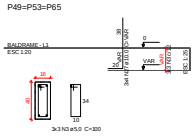

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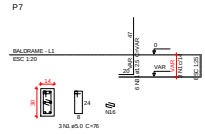

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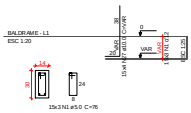

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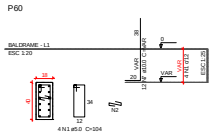

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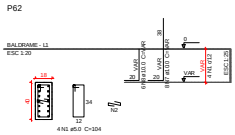
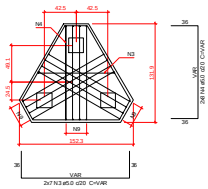
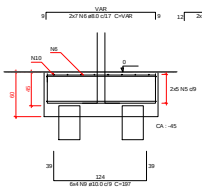


B60=B62
3 est. ø20

PLANTA
ESC 1:25



CORTE
ESC 1:25



Relação do aço

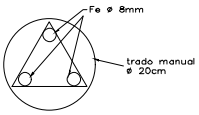
B62

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	104	832
	2	5.0	8	27	216
	3	5.0	14	VAR	VAR
CA50	4	5.0	16	VAR	VAR
	5	8.0	10	448	4480
	6	8.0	14	VAR	VAR
	7	10.0	20	VAR	VAR
	8	10.0	6	VAR	VAR
	9	10.0	24	197	4728
	10	10.0	16	VAR	VAR

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	67.2	29.2
	10.0	94	63.7
CA60	5.0	71.5	12.1
PESO TOTAL			
CA50	92.9		
CA60	12.1		

Vol. de concreto total (C-25) = 1.65 m³
Área de forma total = 6.53 m²



Ø 5mm c/20cm
c=51cm

ESTACAS (Ø=20)

DETALHE GENÉRICO

SEM ESCALA

Projeto:	REFORMA E AMPLIAÇÃO DO GRUPO ESCOLAR DALMO EDSON SFAIR
Proprietário:	PREFEITURA MUNICIPAL DE IRINEÓPOLIS
Endereço:	RUA PERNAMBUCO S/N- CENTRO, IRINEÓPOLIS, 89440-000 SC
Referência:	BLOCOS DE FUNDAÇÃO
nº:	02/14
Escala:	INDICADA
Projeto:	ESTRUTURAL
Desenho:	GABRIELA
Área:	472.90m²
Data:	NOV./2013

Gabriela Hack de Souza
Engenharia Civil
CNAU: 22.947-1 / SC-MBA-V

proprietário
PREF. MUNICIPAL DE IRINEÓPOLIS
CNPJ 83.102.208/0001-08

responsável técnico
Gabriela Hack de Souza
CREA SC: 042066-0/D-SC-RNP 0820120-V