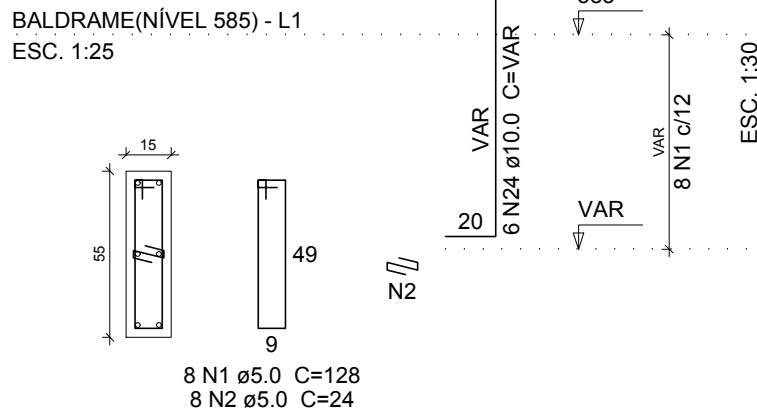


P1=P2=P12=P28=P29=P66=P70=P83=P106=P108

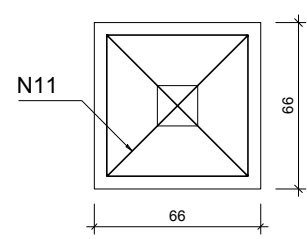


B1=B2=B12=B28=B29=B66=B70=B83=B106=B108

1xE16

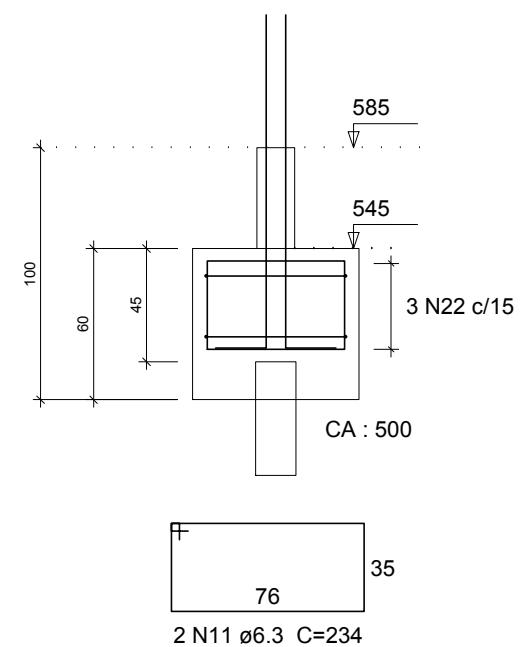
PLANTA

ESC. 1:30

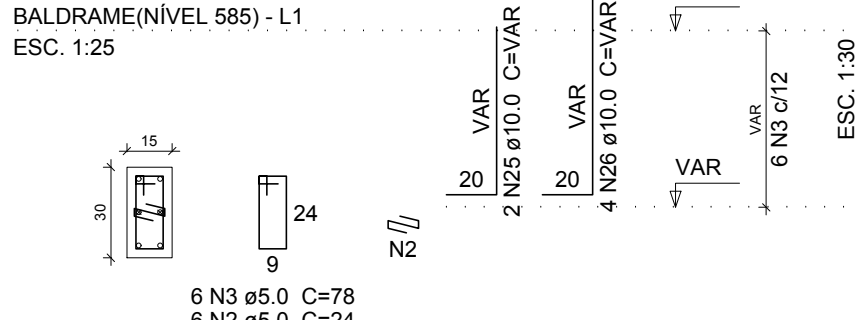


CORTE

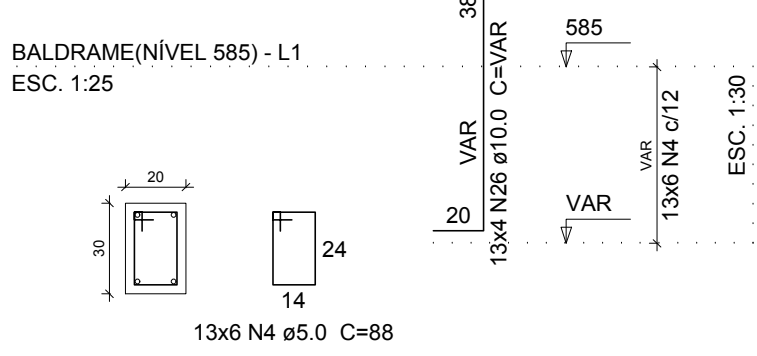
ESC. 1:30



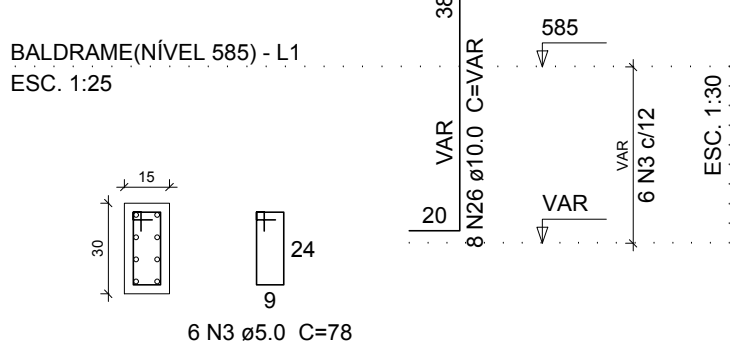
P102



P10=P11=P22=P73=P74=P81=P87=P88=P97=P99
=P103=P105=P109



P95

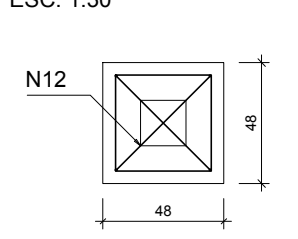


B10=B11=B22=B73=B74=B81=B87=B88=B95=B97
=B99=B102=B103=B105=B109

1xE18

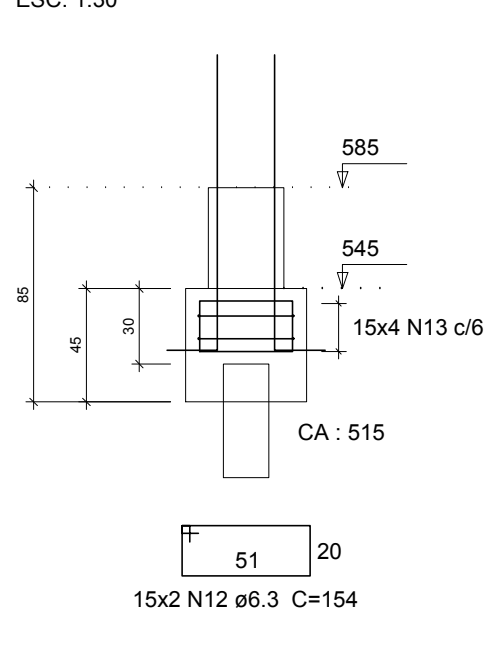
PLANTA

ESC. 1:30



CORTE

ESC. 1:30



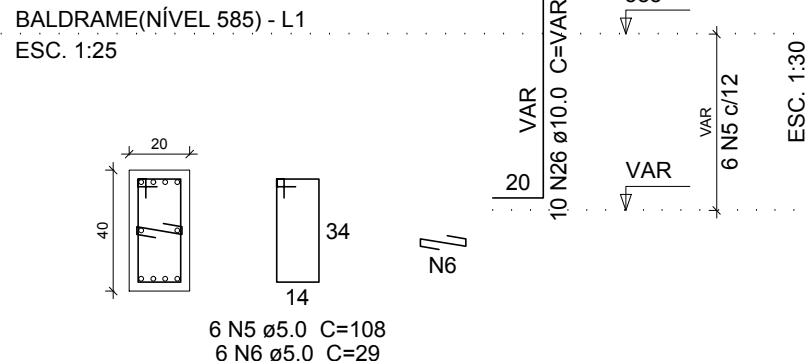
Relação do aço						
B23 B102		B24 B107		10xB29		
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)	
CA60	1	5.0	80	128	10240	
	2	5.0	98	24	2352	
	3	5.0	264	78	20592	
	4	5.0	246	88	21648	
	5	5.0	6	108	648	
	6	5.0	25	29	725	
	7	5.0	7	128	896	
	8	5.0	6	68	408	
	9	5.0	6	108	648	
	10	5.0	6	39	234	
CA50	11	6.3	20	234	4680	
	12	6.3	30	154	4620	
	13	6.3	60	164	9840	
	14	6.3	2	160	320	
	15	6.3	6	VAR	VAR	
	16	6.3	7	VAR	VAR	
	17	6.3	3	400	1200	
	18	6.3	7	VAR	VAR	
	19	6.3	6	VAR	VAR	
	20	6.3	144	148	21312	
	21	6.3	288	156	44928	
	22	8.0	30	236	7080	
	23	8.0	3	172	516	
	24	10.0	60	VAR	VAR	
	25	10.0	4	VAR	VAR	
	26	10.0	410	VAR	VAR	
	27	10.0	18	VAR	VAR	
	28	10.0	18	165	2970	

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	907.3	244.2
CA50	8.0	76	33
CA50	10.0	658.8	446.8
CA60	5.0	584	99
PESO TOTAL (kg)			
CA50	724		
CA60	99		

Volume de concreto (C-25) = 15.41 m³
Área de forma = 163.32 m²

P23

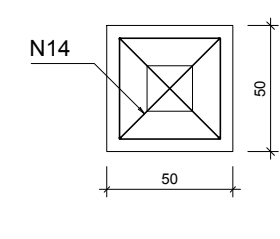


B23

1xE18

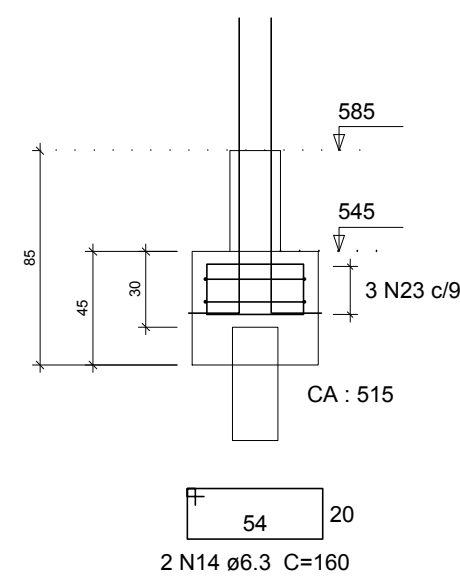
PLANTA

ESC. 1:30

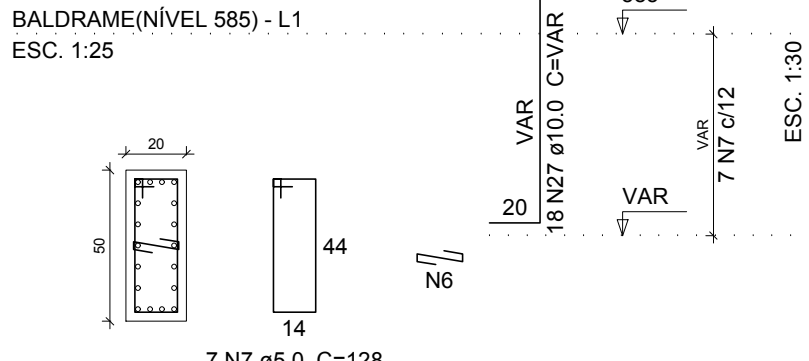


CORTE

ESC. 1:30



P24

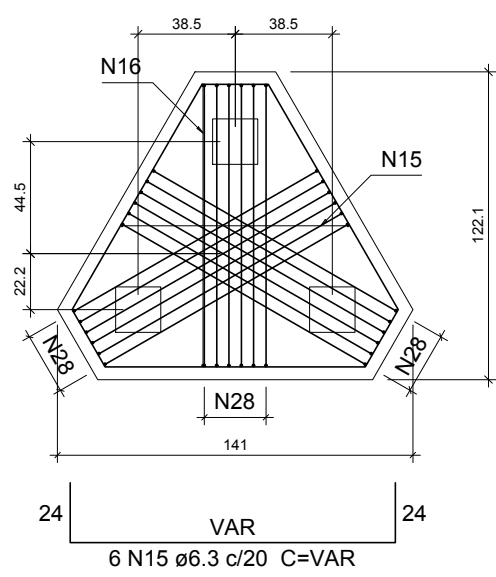


B24

3xE18

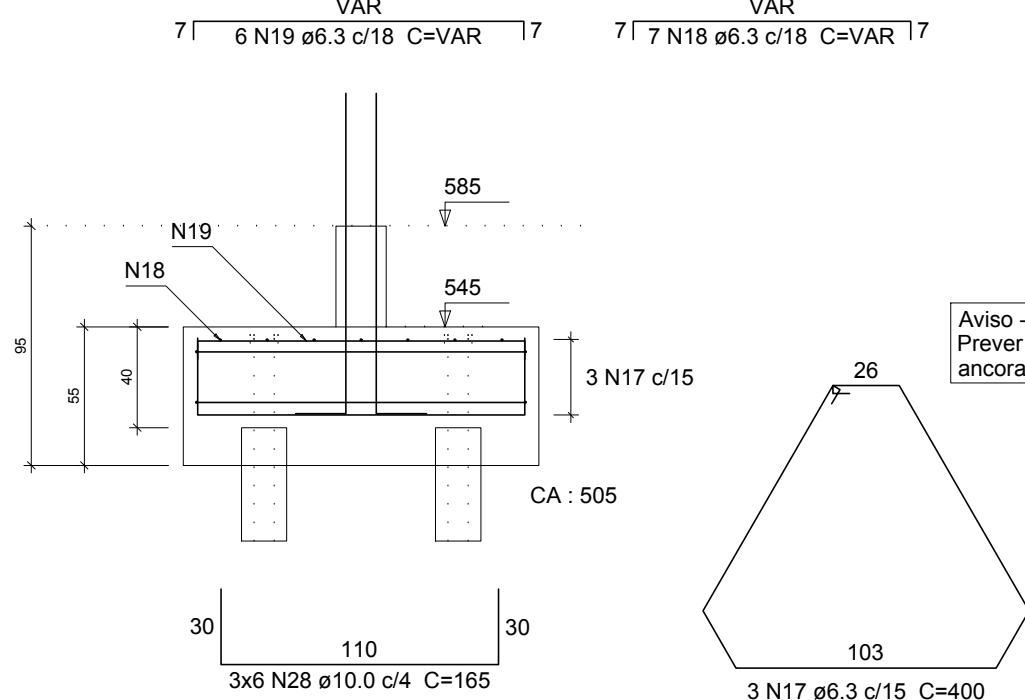
PLANTA

ESC. 1:30



CORTE

ESC. 1:30



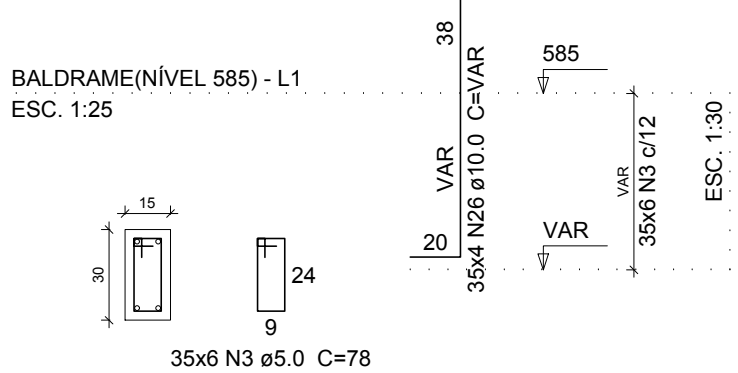
Aviso - Bloco com estaca tracionada:
Prever armaduras das estacas
ancoradas na face superior do bloco.

P26=P27=P32=P33=P34=P35=P36=P37=P39=P40

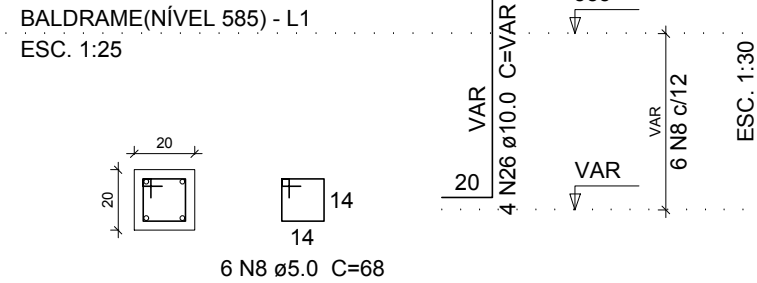
=P42=P43=P44=P46=P49=P51=P53=P54=P55

=P56=P57=P58=P60=P61=P64=P68=P69=P76

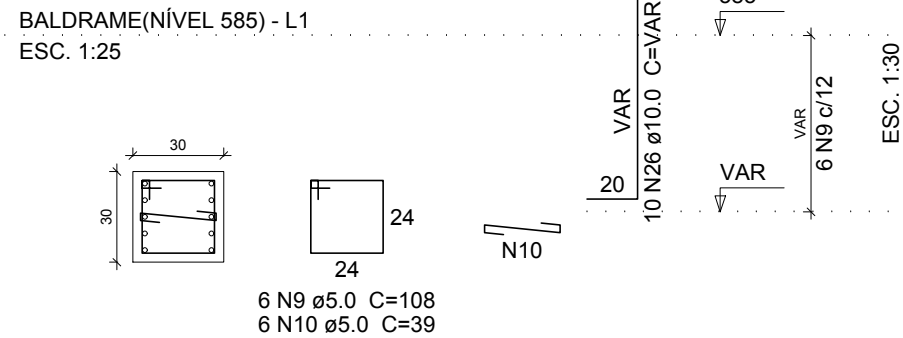
=P84=P89=P96=P100=P101=P104=P107



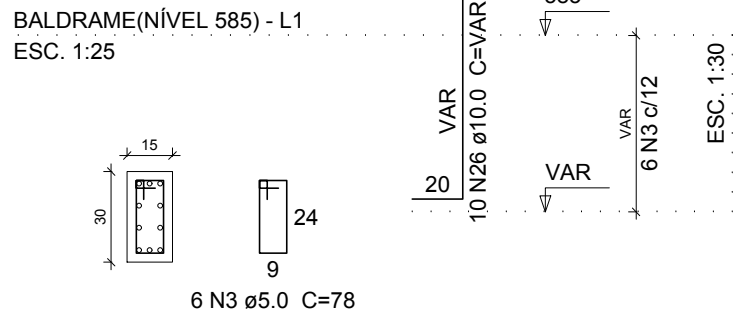
P111



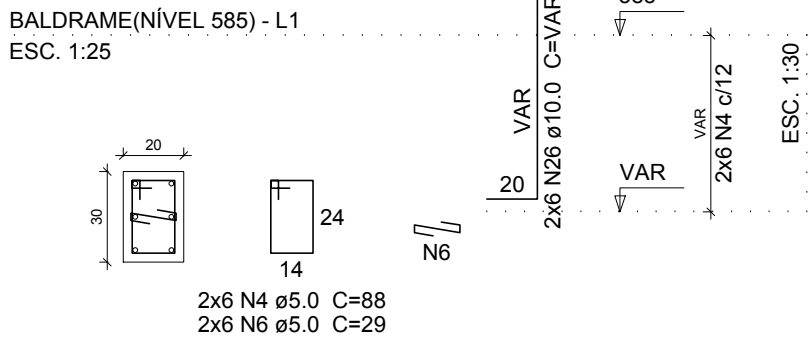
P30



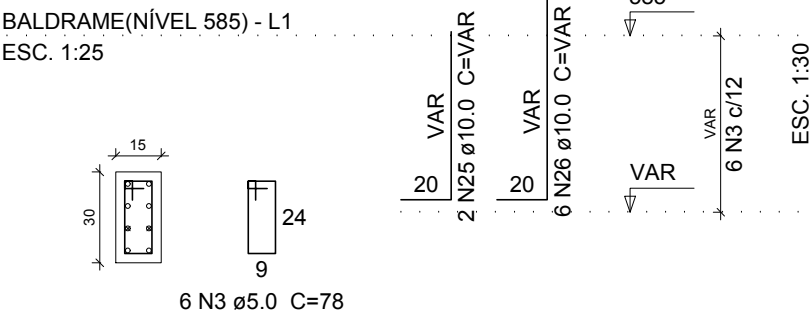
P31



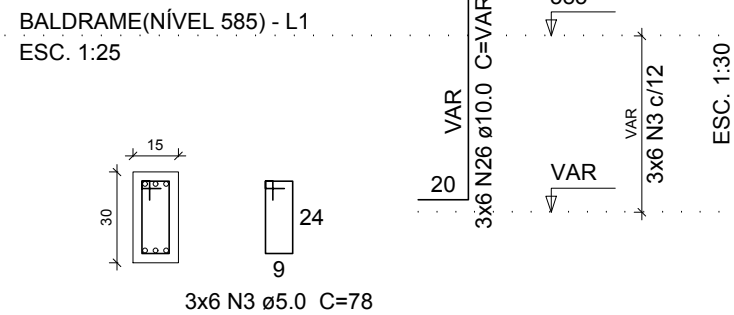
P47=P82



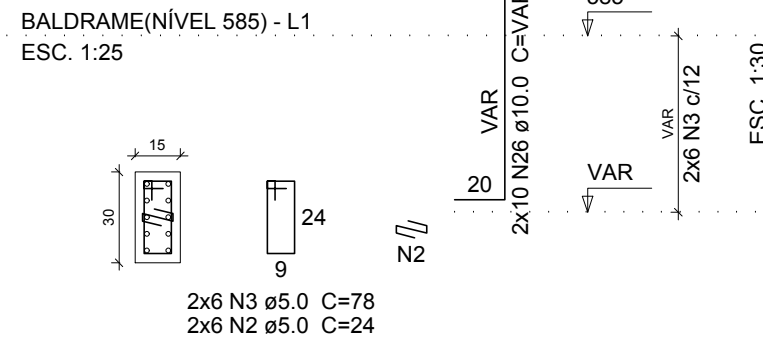
P50



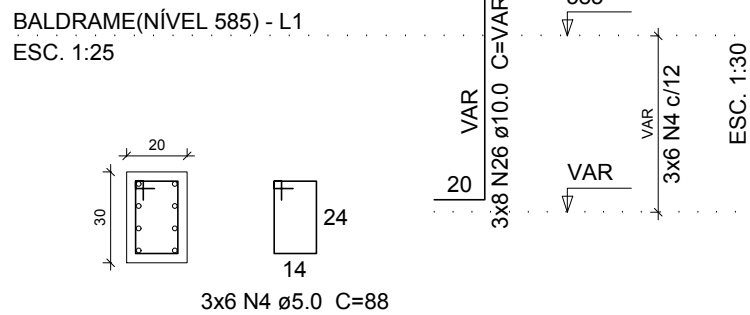
P38=P59=P63



P25=P67



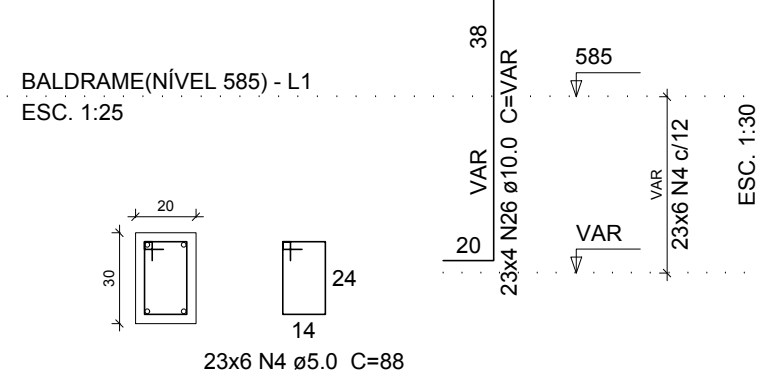
P9=P75=P86



P4=P5=P6=P7=P13=P14=P15=P16=P17=P18=P19

=P20=P41=P62=P71=P72=P77=P78=P79=P80

=P90=P91=P93



B4=B5=B6=B7=B9=B13=B14=B15=B16=B17=B18

=B19=B20=B25=B26=B27=B30=B31=B32=B33

=B34=B35=B36=B37=B38=B39=B40=B41=B42

=B43=B44=B47=B48=B49=B50=B51=B53=B54

=B55=B56=B57=B58=B59=B60=B61=B62=B63

=B64=B67=B68=B69=B71=B72=B75=B76=B77

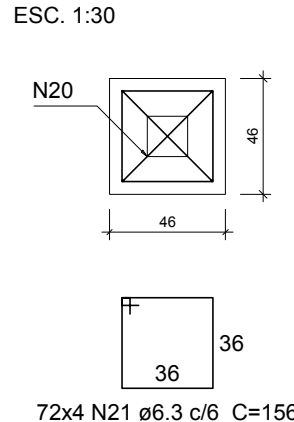
=B78=B79=B80=B82=B84=B86=B89=B90=B91

=B93=B96=B100=B101=B104=B107=B111

1xE16

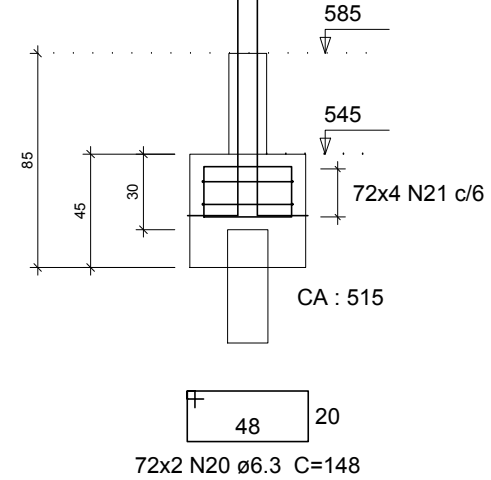
PLANTA

ESC. 1:30



CORTE

ESC. 1:30



Projeto

ESTRUTURAL

Obra

UBSF BAKITAS

Rua São Vicente S/N - Bairro Boa Vista - Joinville SC

Proprietário

Fundo Municipal de Saúde de Joinville
CNPJ:08184821/0001-37

Responsáveis Técnicos

Andrea P. Martins de Souza
Arquiteta e Urbanista
CAU: A30287-2

Edenir Vieira
Engenheiro Eletricista
Crea/SC:118.524-5

Dilnei de Freitas Jacinto
Engenheiro Civil
Crea/SC:122.825-5

Jacson Jeremias
Engenheiro Civil
Crea/SC:125.007-9

Conteúdo

Detalhamento de fundações e pilares.

Ref.

JOI-01

Data

OUT/2016

Área

862,69 m²

Escala

INDICADA

Folha

10/25

PROIBIDO CÓPIA OU REPRODUÇÃO DO PROJETO SEM PRÉVIA AUTORIZAÇÃO.
DIREITOS AUTORAIS RESERVADOS PELA LEI Nº 9.610-98