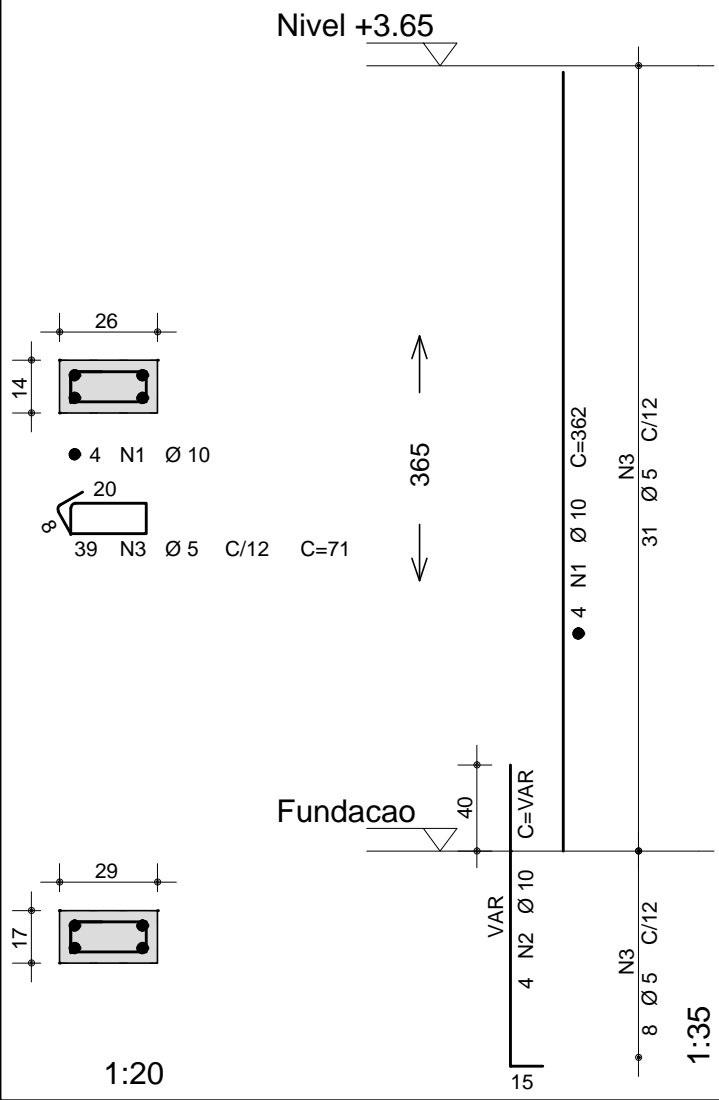
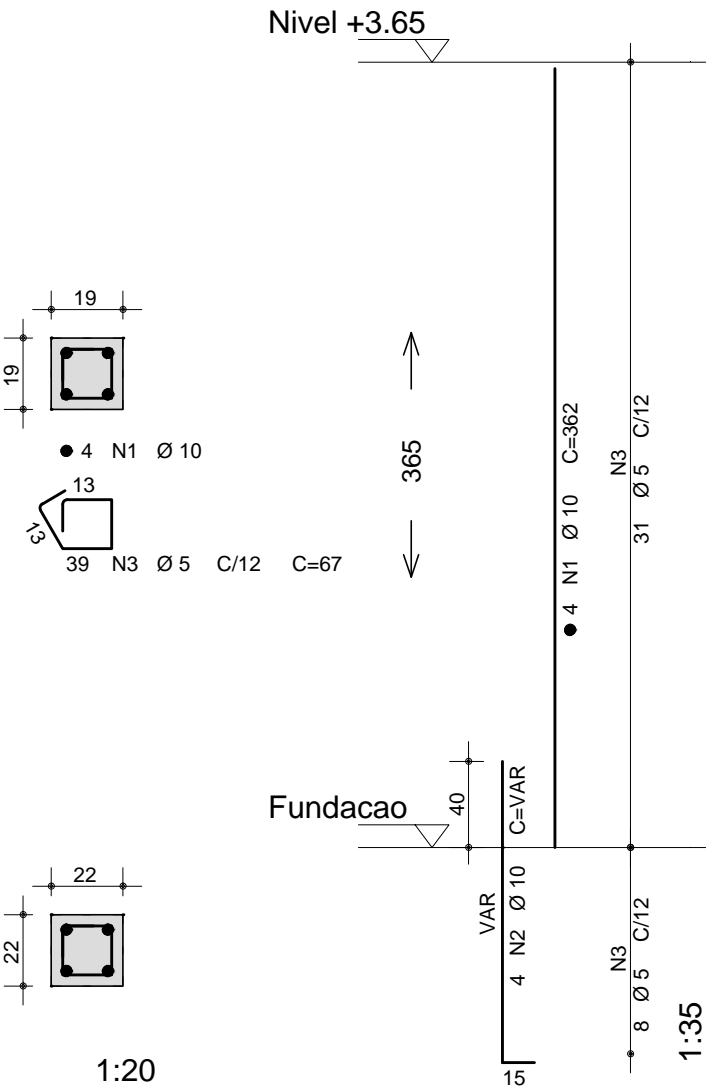


PENAS		
1	0,10	7
2	0,20	7
3	0,30	7
4	0,40	7
5	0,50	7
6	0,60	7
7	0,10	7
11	0,40	7
30	0,10	80
160	0,10	7
170	0,10	170
254	0,10	254

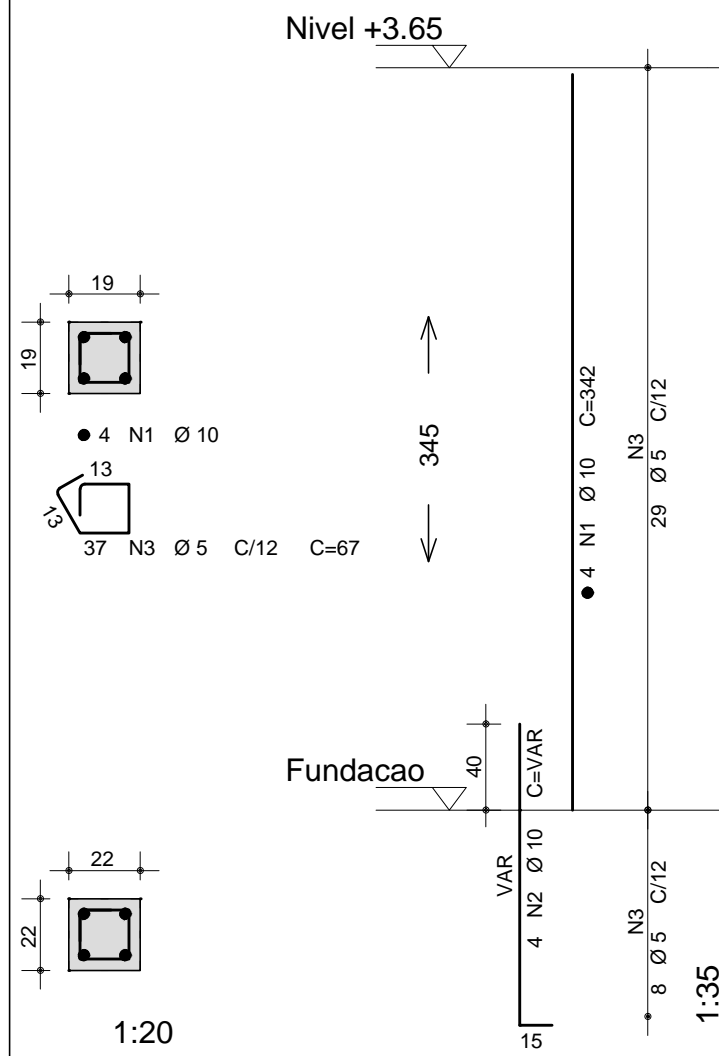
P1=P4=P5=P6=P7=P8=P9=P10=P11=
P14=P16=P17=P18=P21=P22=P24=
P25=P26=P27=P28=P38=P42=P54=
P55=P56=P57=P60=P61=P66=P67=
P68=P71=P72=P73=P74=P75=P76=
P77=P78=P82=P83=P84=P85=P93=
P94=P95=P100=P101=P102=P103=
P104=P107=P108=P109=P110=P112



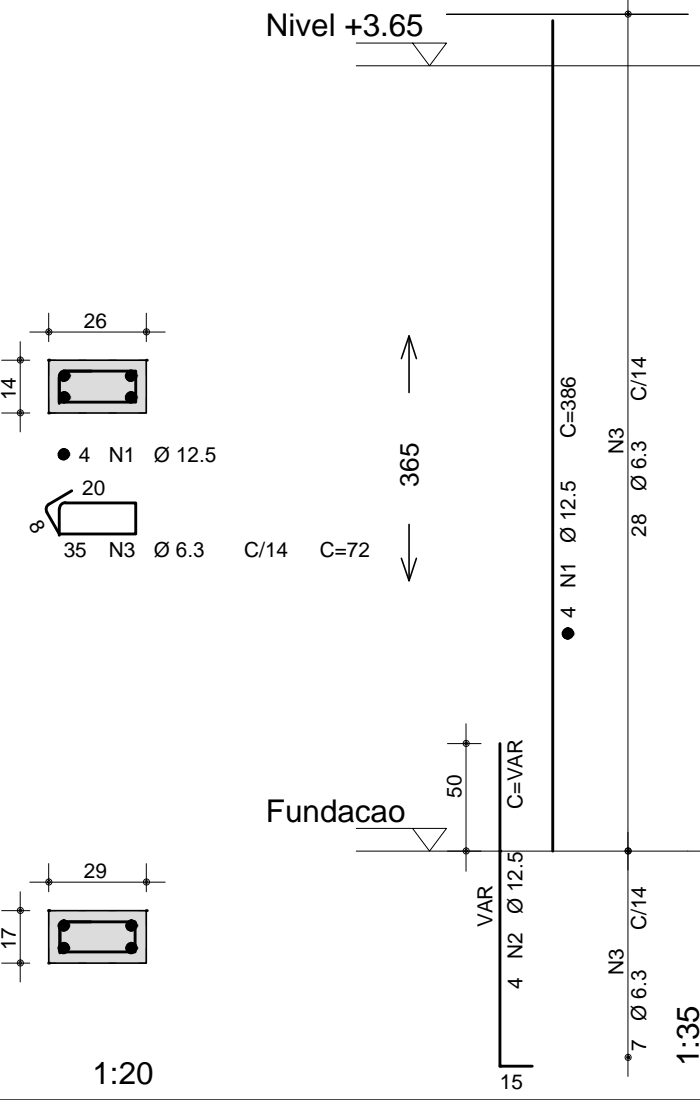
P31=P32=P35=P36=P37=P45=
P46=P49=P50=P51=P86=P87=
P88=P89=P90=P91



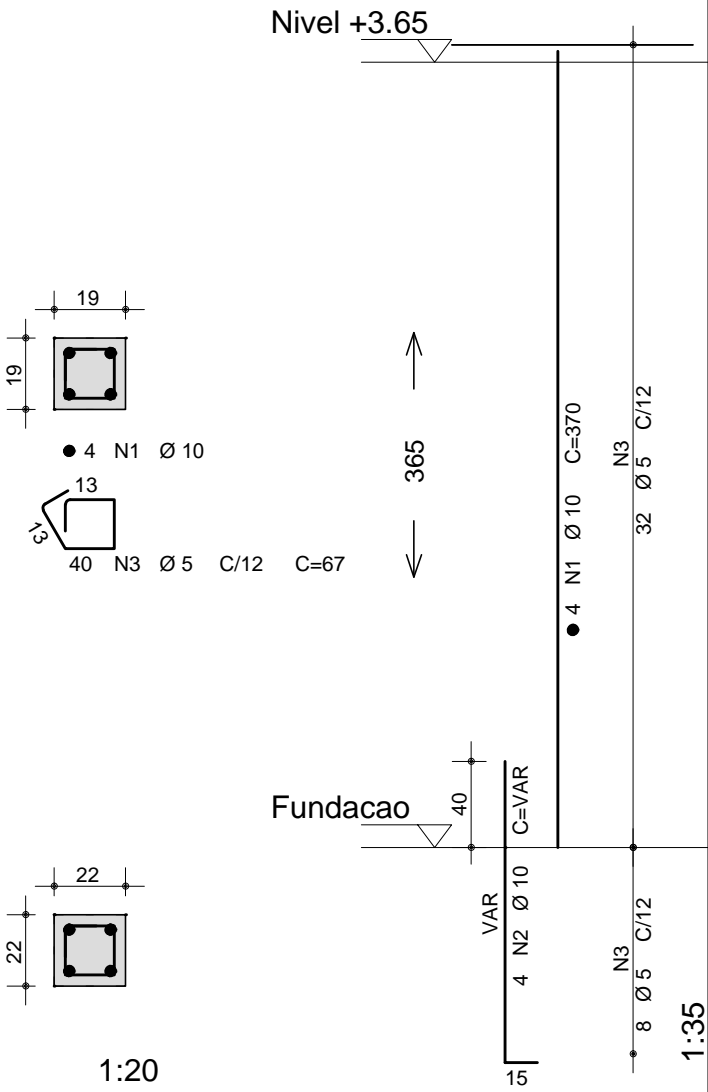
P52=P53=P62=P80



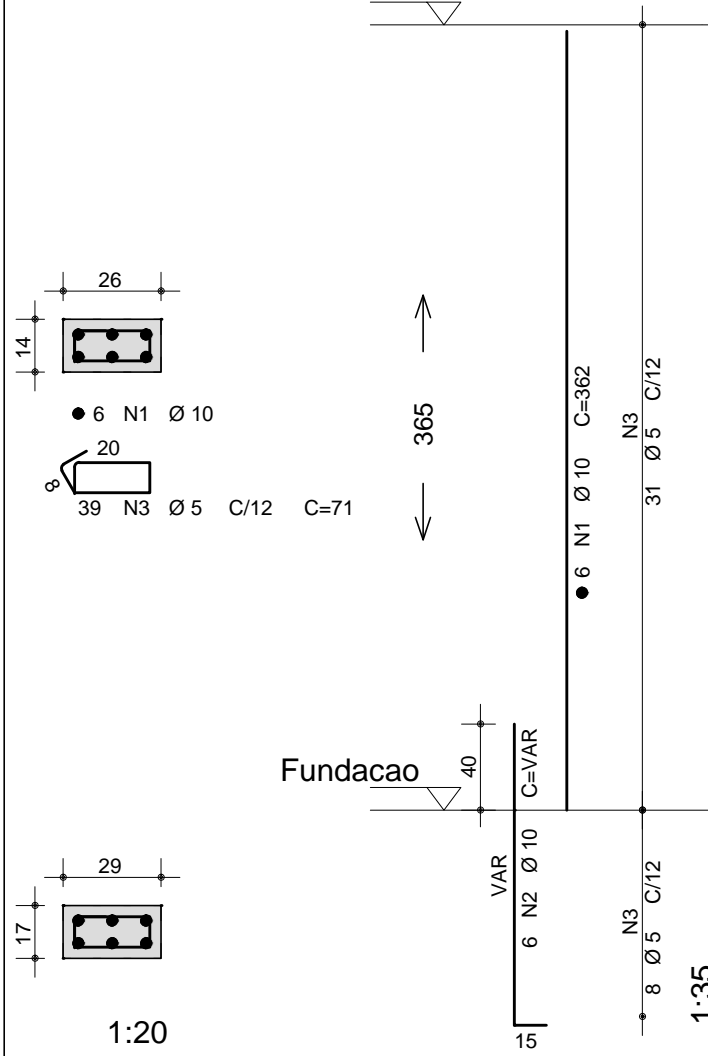
P2=P3=P40=P41=P63



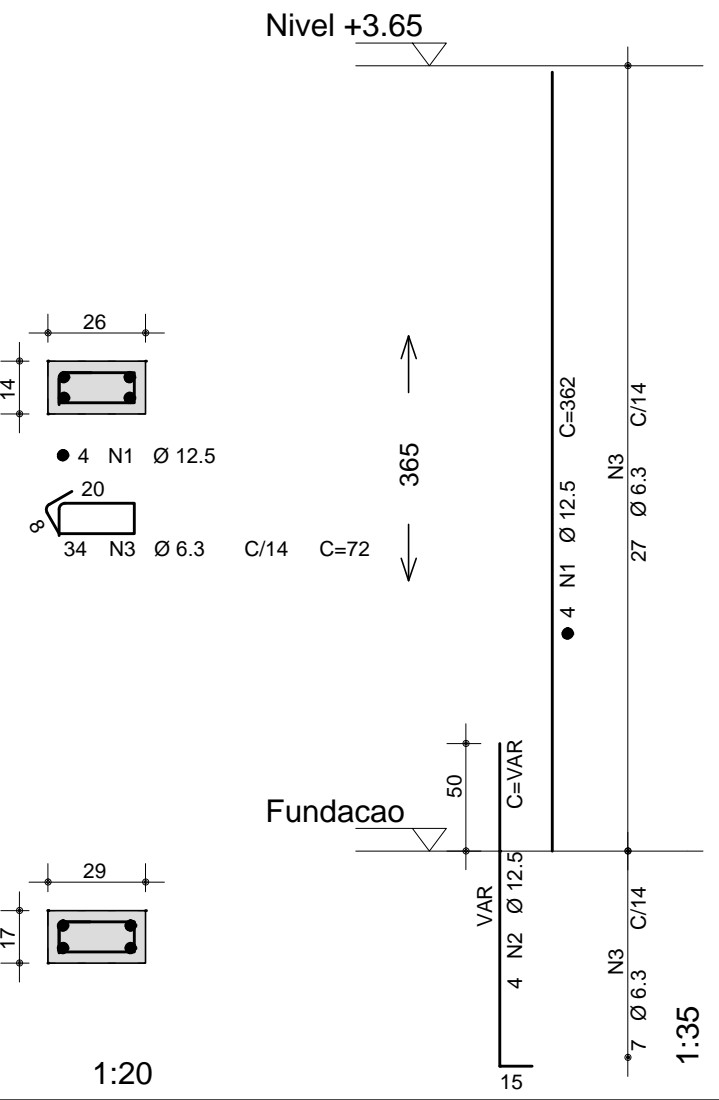
P33=P34=P47=P48



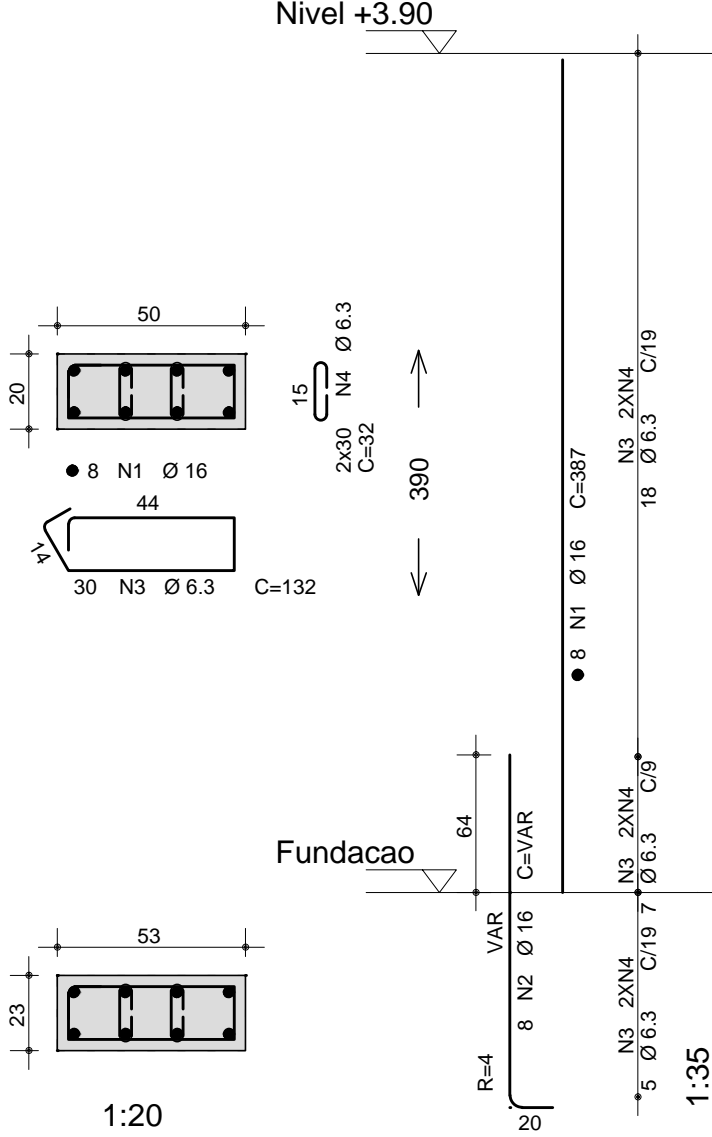
P58



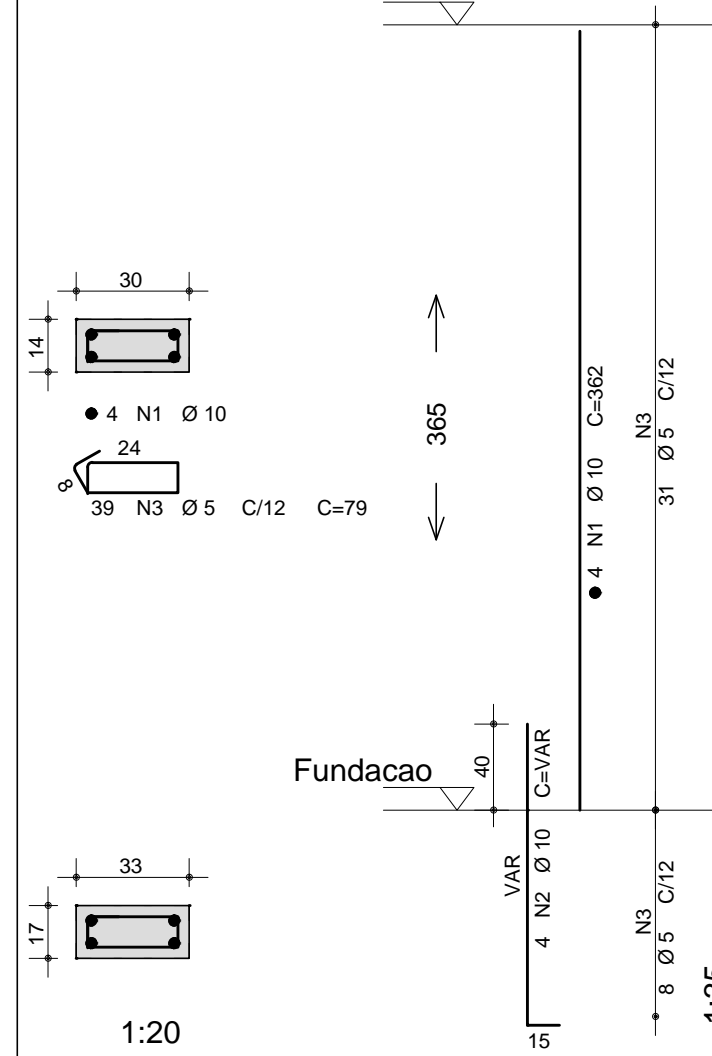
P12=P13=P15=P19=P39=P59=
P69=P70=P98=P99=P111



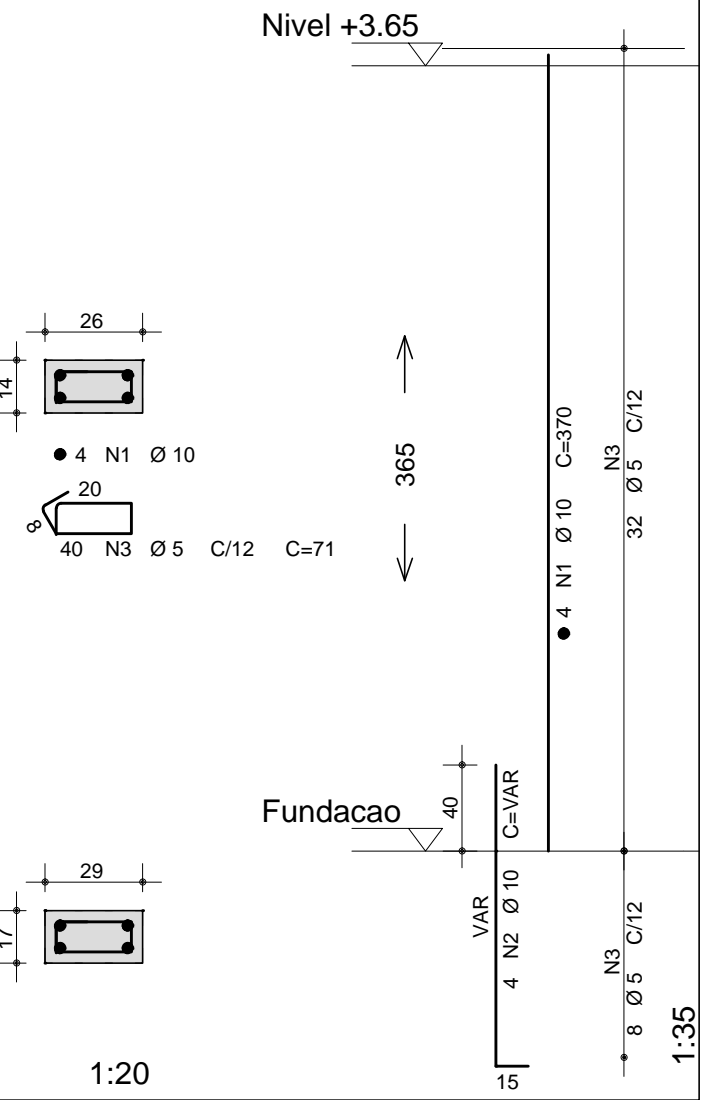
P43=P44=P64=P65=P79=P81



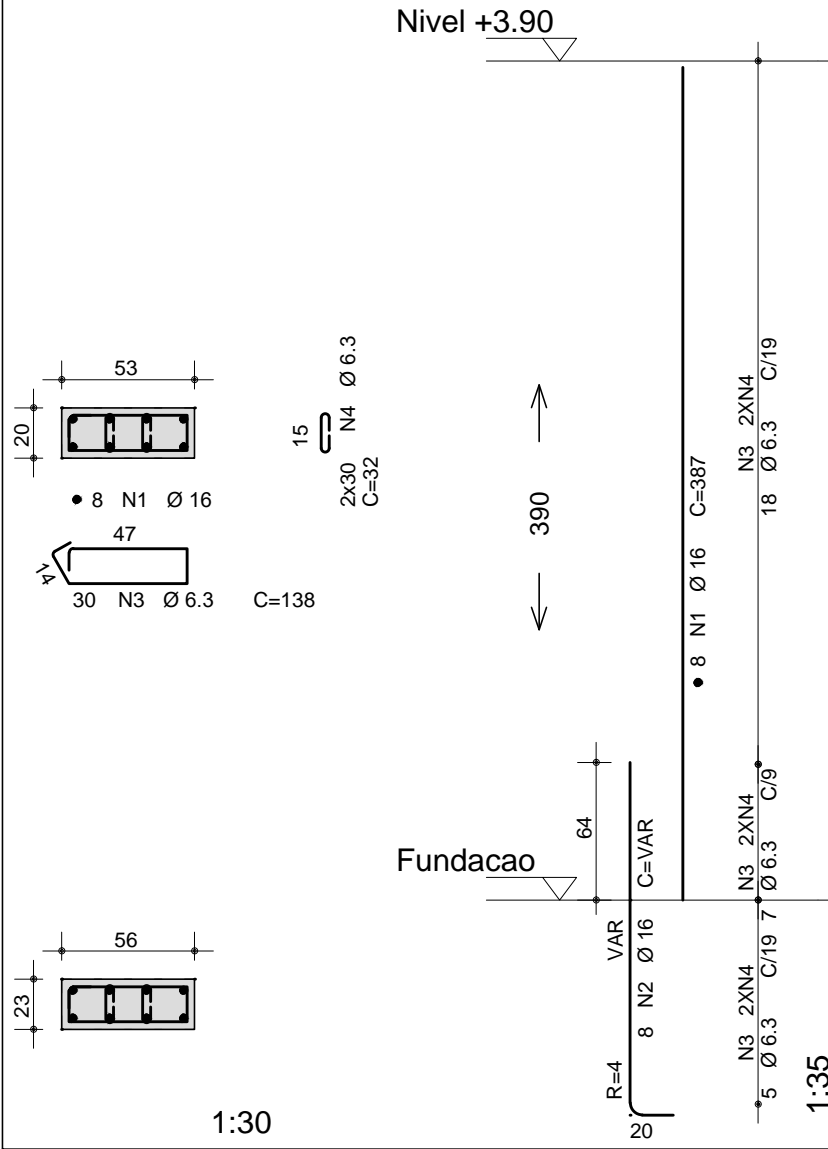
P92



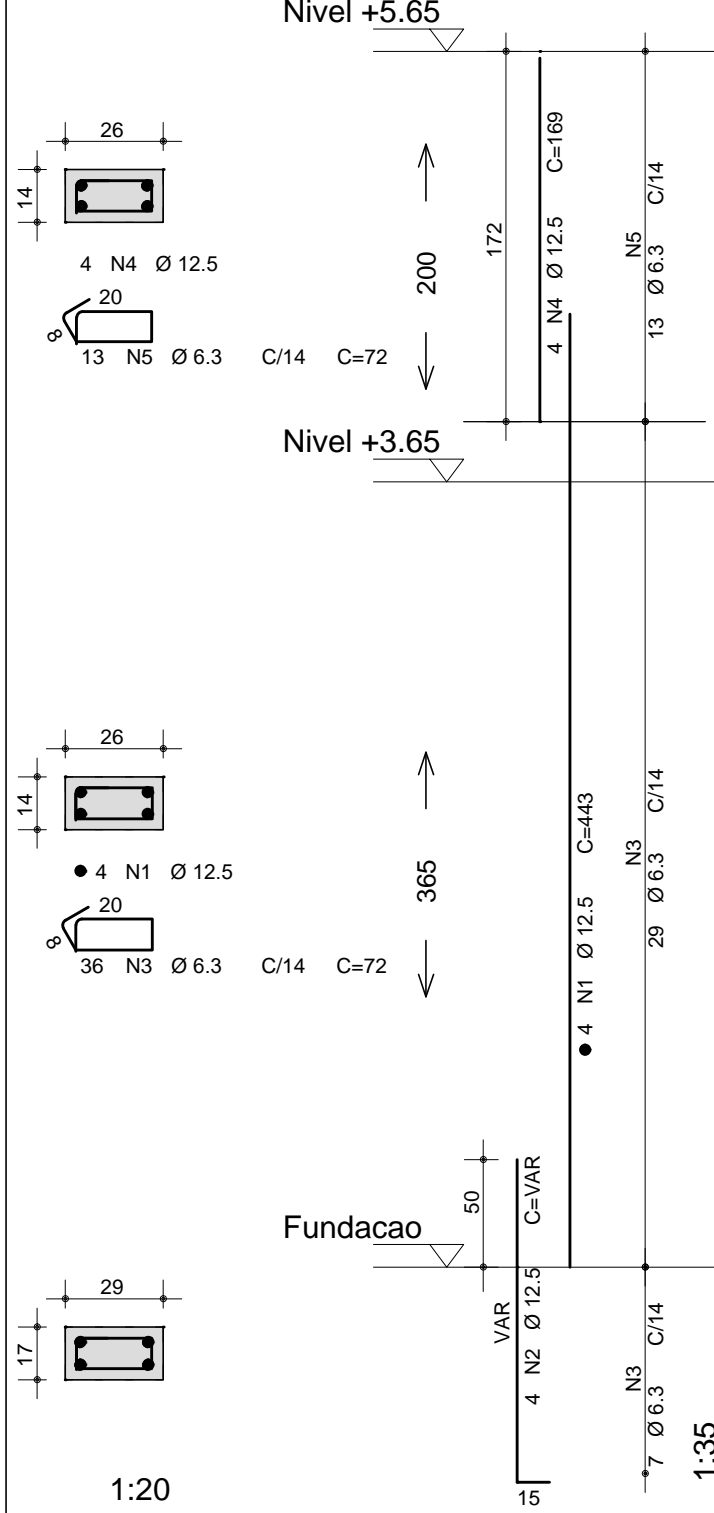
P20=P23



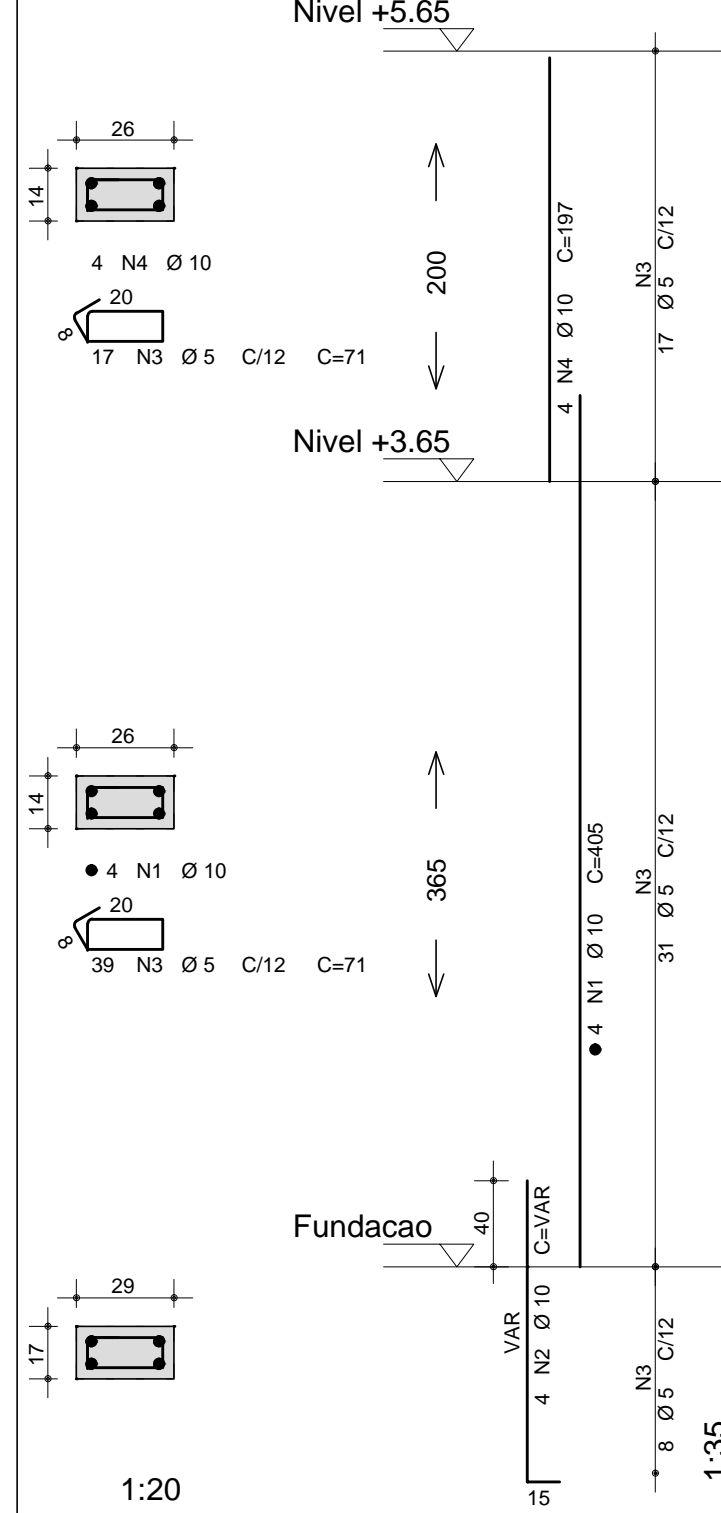
P29=P30



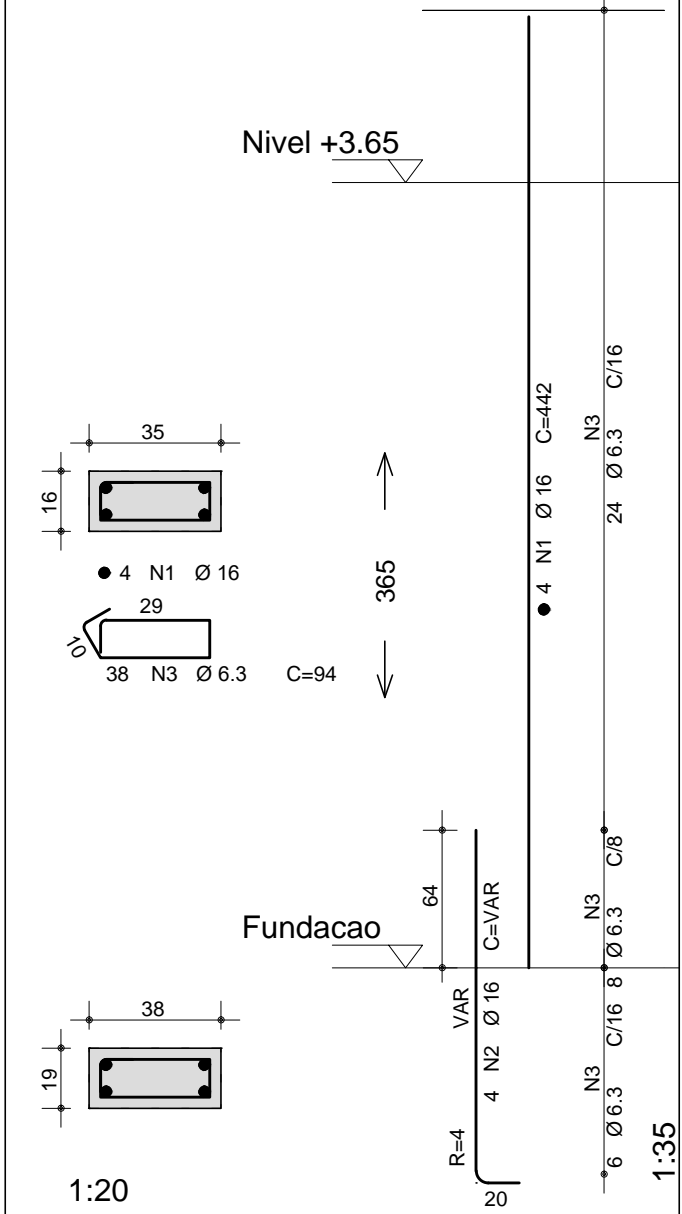
P96=P97



P105=P106=P113=P114



P115=P116=P117=P118



AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
				UNIT (cm)	TOTAL (cm)
P1=P4=P5=P6=P7=P8=P9=P10=P22=P24=P25=P26=P27=P28= P38=P42=P54=P55=P56=P57=P60=P61=P66=P67=P68=P71= P72=P73=P74=P75=P76=P77=P78=P82=P83=P84=P85=P93= P94=P95=P100=P101=P102=P103=P104=P107=P108=P109= P110=P112 (X56)					
50A	1	10	224	362	81088
50A	2	10	224	VAR	34720
60A	3	5	2184	71	155064
P2=P3=P40=P41=P63 (X5)					
50A	1	12.5	20	386	7720
50A	2	12.5	20	VAR	3300
60A	3	6.3	175	72	12600
P12=P13=P15=P19=P39=P59=P69=P70=P98=P99=P111 (X11)					
50A	1	12.5	44	362	15928
50A	2	12.5	44	VAR	7260
60A	3	6.3	374	72	26928
P20=P23 (X2)					
50A	1	10	8	370	2960
50A	2	10	8	VAR	1240
60A	3	5	80	71	5680
P29=P30 (X2)					
50A	1	16	16	387	6192
50A	2	16	16	VAR	2944
50A	3	6.3	60	138	8280
60A	4	6.3	120	32	3840
P31=P32=P35=P36=P37=P45=P46=P49=P50=P51=P86=P87=P88= P89=P90=P91 (X16)					
50A	1	10	64	362	23168
50A	2	10	64	VAR	9920
60A	3	5	624	67	41808
P33=P34=P47=P48 (X4)					
50A	1	10	16	370	5920
50A	2	10	16	VAR	2480
60A	3	5	160	67	10720
P43=P44=P64=P65=P79=P81 (X6)					
50A	1	16	48	387	18576
50A	2	16	48	VAR	8832
50A	3	6.3	180	132	23760
60A	4	6.3	360	32	11520
P52=P53=P62=P80 (X4)					
50A	1	10	16	342	5472
50A	2	10	16	VAR	2480
60A	3	5	148	67	9916
P68					
50A	1	10	6	362	2172
50A	2	10	6	VAR	930
60A	3	5	39	71	2769
P92					
50A	1	10	4	362	1448
50A	2	10	4	VAR	620
60A	3	5	39	79	3081
P96=P97 (X2)					
50A	1	12.5	8	443	3544
50A	2	12.5	8	VAR	1320
50A	3	6.3	72	72	5184
50A	4	12.5	8	169	1352
50A	5	6.3	26	72	1872
P105=P106=P113=P114 (X4)					
50A	1	10	16	405	6480
50A	2	10	16	VAR	2480
60A	3	5	224	71	15904
50A	4	10	16	197	3152
P115=P116=P117=P118 (X4)					
50A	1	16	16	442	7072
50A	2	16	16	184	2944
50A	3	6.3	152	94	14288

RESUMO DE AÇO			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60A	5	2449	377
50A	6.3	1083	265
50A	10	1867	1152
50A	12.5	404	389
50A	16	465	735
Peso Total 60A =			377 kg
Peso Total 50A =			2541 kg

NOTAS:

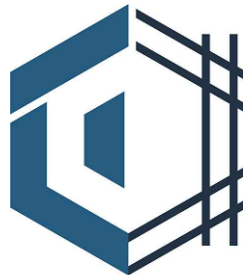
1-MEDIDAS EM CENTÍMETRO.

2-CONCRETO ARMADO, fck ≥ 25MPa.

3-COBRIMENTO DAS ARMADURAS: PILARES c = 3,0cm.

(PILARES SEÇÃO ENTERRADA) c = 4,5cm.

4-CONFERIR MEDIDAS NO LOCAL E COM A ARQUITETURA.



SEIXAS ENGENHARIA
ESTRUTURAS & CONSULTORIA

Rua Prof. Adalgisa Paiva, 1196, Sala 07 • Centro Comercial L Pinheiro
CEP: 64056-490 • Morada do Sol • Teresina - PI
• Tel.: (86) 99907-1104 • Tel.: (86) 99993-5420
• E-mail: luizfernando_pnb@hotmail.com

PROJETO ESTRUTURAL

ARMAÇÃO DOS PILARES P1 A P118

OBRA: CRECHE CAMPESTRE
ENDEREÇO: SÃO RAIMUNDO NONATO-PI
PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SÃO RAIMUNDO NONATO-PI
CONSTRUTOR: PREFEITURA MUNICIPAL DE SÃO RAIMUNDO NONATO-PI

PROJETO: FOLHA:

Luiz Fernando Seixas Cury da Costa
Engenheiro Civil - CREA N° 25526D - PI
Registro Nacional - N° 191298322 - 2

Luiz Felipe Seixas Cury da Costa
Engenheiro Civil - CREA N° 354967 - CE
Registro Nacional - N° 062020326 - 9

DESENHO: Anália Correia
DATA: SETEMBRO/2022
ESCALA: Como indicado