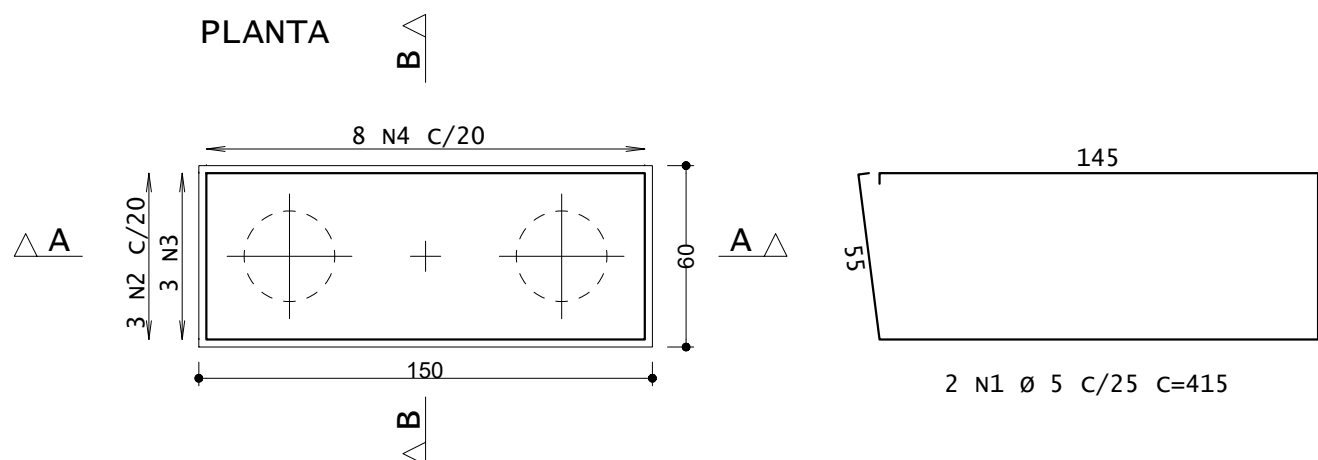
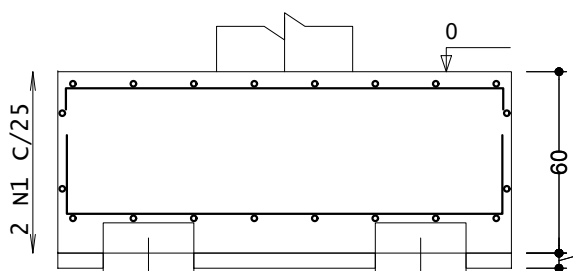


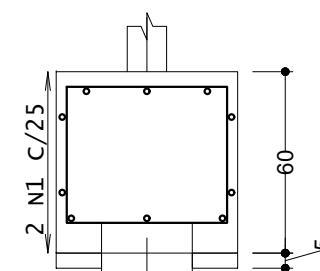
B2=B3=B4=B5=B6=B7  
B8=B9=B10=B11=B12=B15  
B16=B21=B22=B23=B24  
B25=B26=B27=B28=B29  
B30=B31=B32=B35=B37 (x27)



CORTE A - A

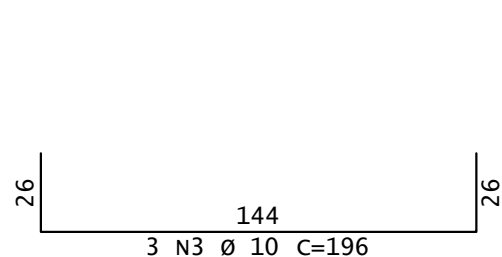


CORTE B - B



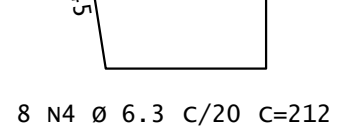
145

3 N2 Ø 6.3 C/20 C=159



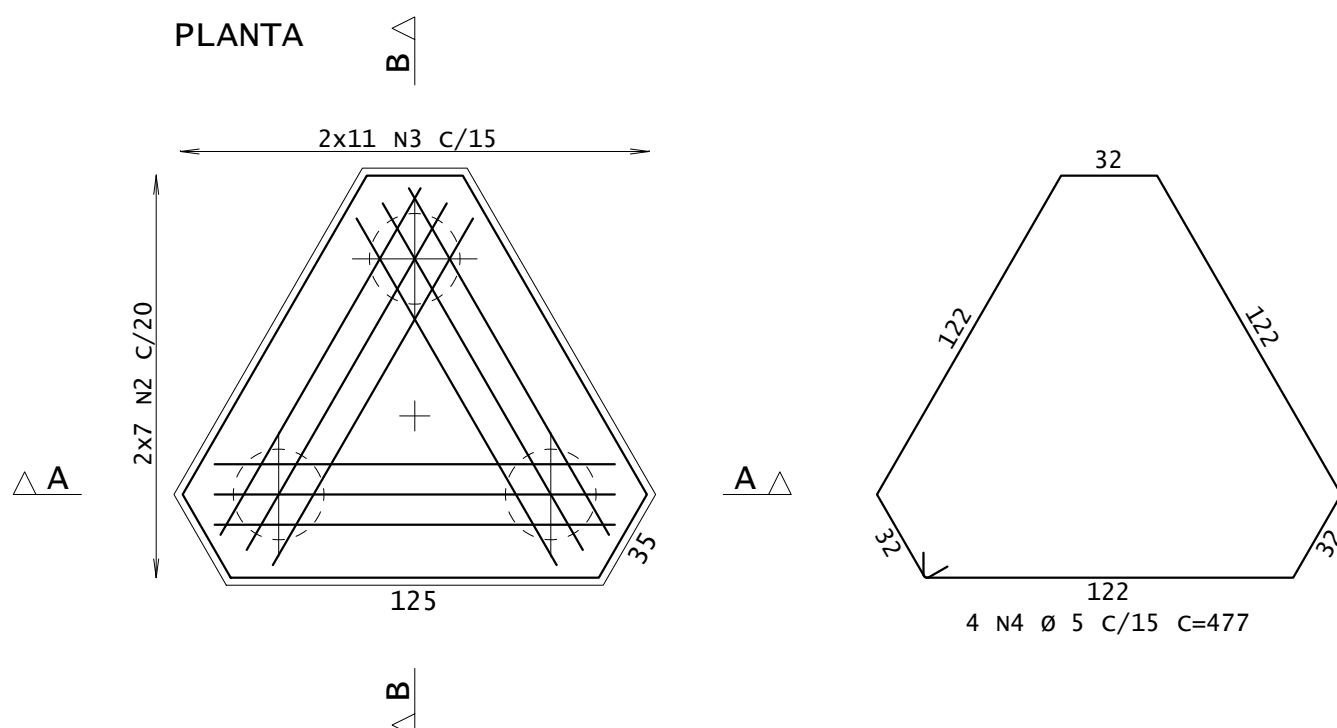
53

45

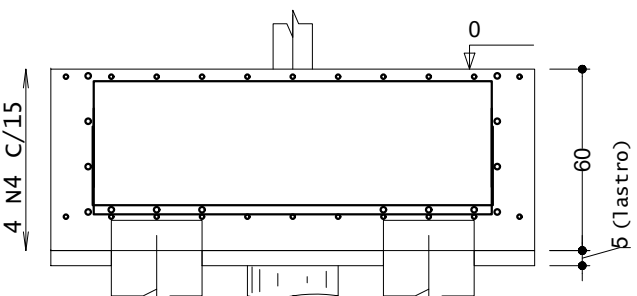


2x7 N2 Ø 6.3 C/20	200
N2A	223
N2B	202
N2C	179
N2D	156
N2E	133
N2F	110
N2G	

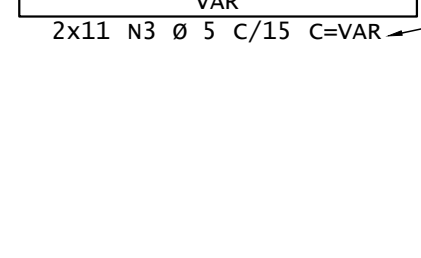
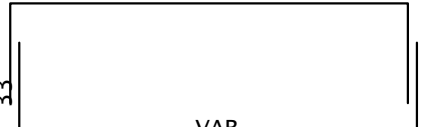
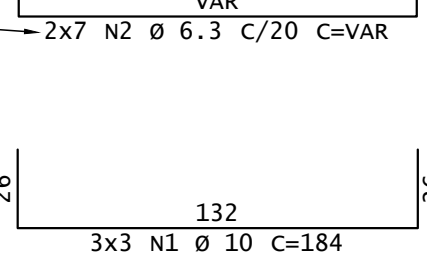
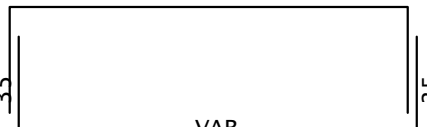
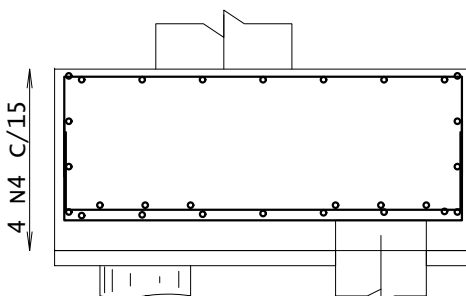
B13+B14=B33+B34 (x2)



CORTE A - A

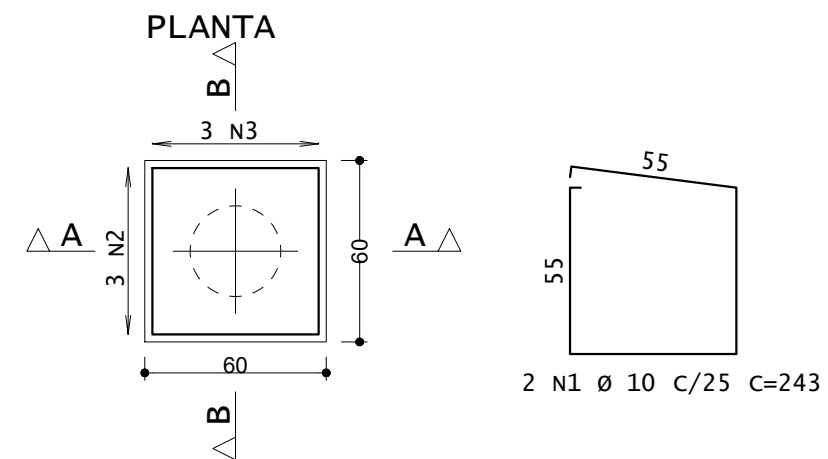


CORTE B - B

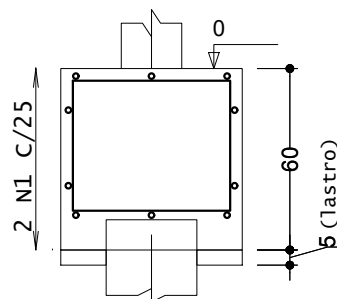


2x11 N3 Ø 5 C/15	77
N3A	125
N3B	151
N3C	177
N3D	199
N3E	199
N3F	199
N3G	199
N3H	177
N3I	151
N3J	125
N3K	77

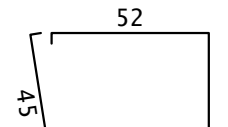
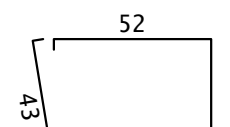
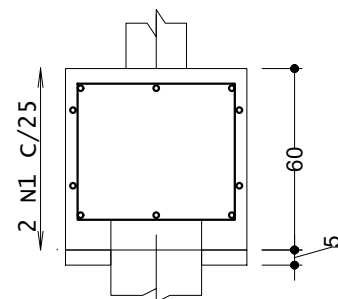
B1=B17=B18=B19=B20=B36=B38=B39  
B40=B41=B42+B43=B44 (x12)



CORTE A - A



CORTE B - B



Resumo do aço

ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm			cm	cm
P1=P5=P25=P29 (X27)						
60A	1	5	54	415	22410	
50A	2	6.3	81	159	12879	
50A	3	10	81	196	15876	
50A	4	6.3	216	212	45792	
P2=P3=P4=P26=P27=P28 (X2)						
50A	1	10	18	184	3312	
50A	2	6.3	28	--VAR--	4816	
60A	3	5	44	--VAR--	6644	
60A	4	5	8	477	3816	
P23=P24 (X12)						
50A	1	10	24	243	5832	
50A	2	10	36	213	7668	
50A	3	10	36	217	7812	

RESUMO DE AÇO			
ACO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	329	51
50A	6.3	635	156
50A	10	405	250
Peso Total 60A =			51 kgf
Peso Total 50A =			405 kgf

Volume de concreto (C-25) = 18.94 m³

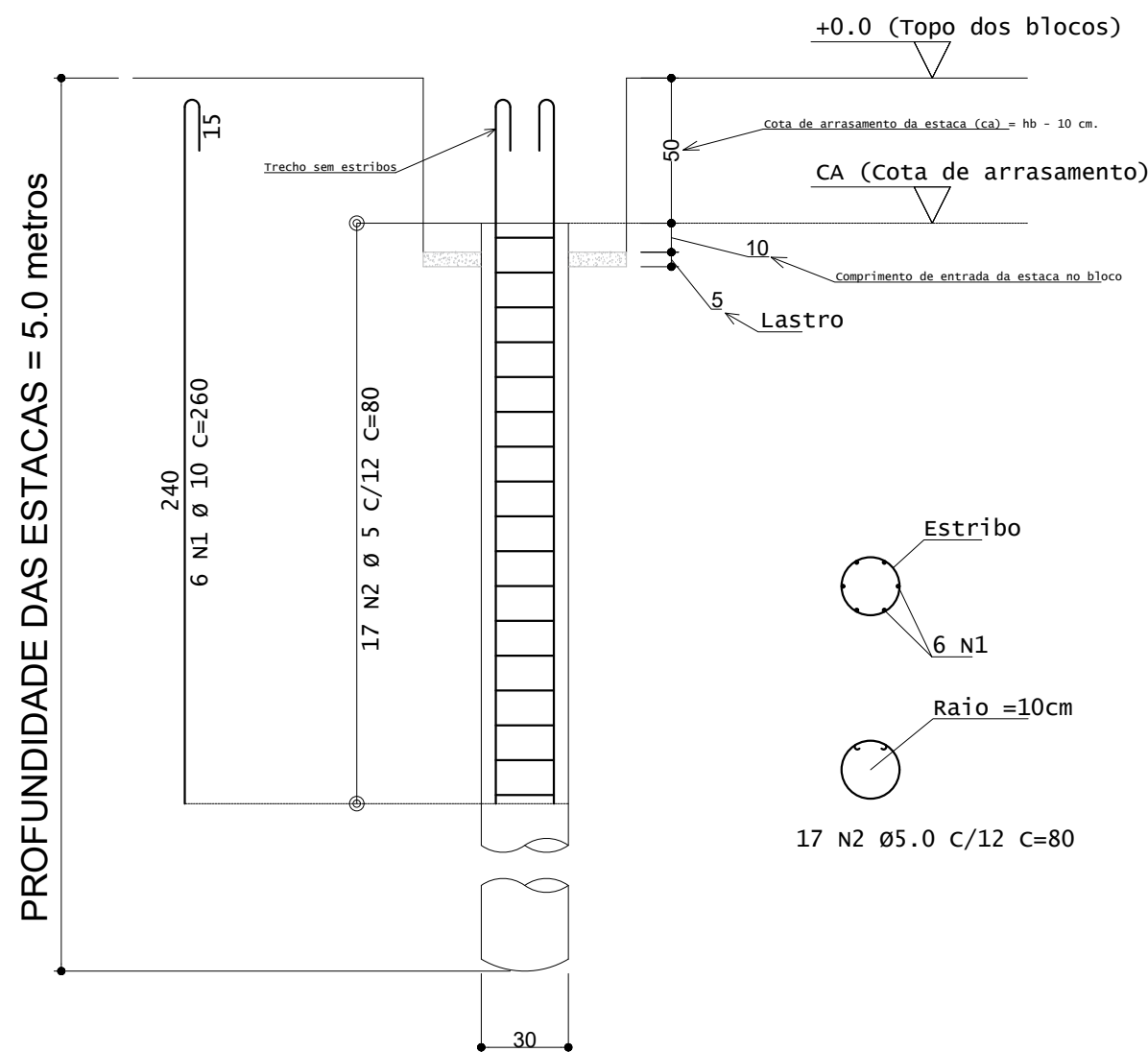
## 1 DETALHAMENTO DOS BLOCOS DE COROAMENTO

ESCALA: INDICADA

DETALHAMENTO DAS ESTACAS (Ø30)

X72

ESC. 1:25



ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		(mm)			(cm)	(cm)
ESTACA Ø30 (X72)						
50A	1	10	432	260	112320	
50A	2	5.0	1224	80	97920	

RESUMO DE AÇO			
ACO	BIT	COMPR	PESO
	(mm)	(m)	(kg)
60A	5.0	980	151
50A	10	1124	694
Peso Total 60A =			151 kg
Peso Total 50A =			694 kg

comprimento linear das estacas = 360 m

Características do Concreto			
fck	Ecs	fct	Abatimento
(MPa)	(MPa)	(MPa)	(cm)
25	23800	3.0	14.00

## 2 DETALHAMENTO DAS ESTACAS

ESCALA: INDICADA

<div><div>FNDE</div><div>Fundo Nacional de Desenvolvimento da Educação</div></div> <div><div>Ministério da Educação</div></div> <div><div>GOVERNO FEDERAL</div><div>BRASIL</div><div>PAÍS RICO É PAÍS SEM POBREZA</div></div>					
PROJETO PADRÃO - FNDE					
PROPRIETÁRIO: :					
ENDEREÇO:					
MUNICÍPIO - UF:					
PROPRIETÁRIO					
RESP. TÉCNICO CREA					
AUTOR DO PROJETO CAU					
DLFO		CREA			
		RA			
OBSERVAÇÕES:					
ESCOLA 12 SALAS DE AULA					
PROJETO DE ESTRUTURA					
COORDENAÇÃO		BLOCO E: PEDAGÓGICO			
CGEST - Coordenação Geral de Infraestrutura Educacional		PILARES NÍVEL 000			
		BLOCOS DE FUNDAÇÃO			
FORMATO		REVISÃO	PRANCHA		
A1 (841x594)		R.03	26/42		
		ESCALA INDICADA			
		DATA EMISSÃO			
		MAIO/ 2014			