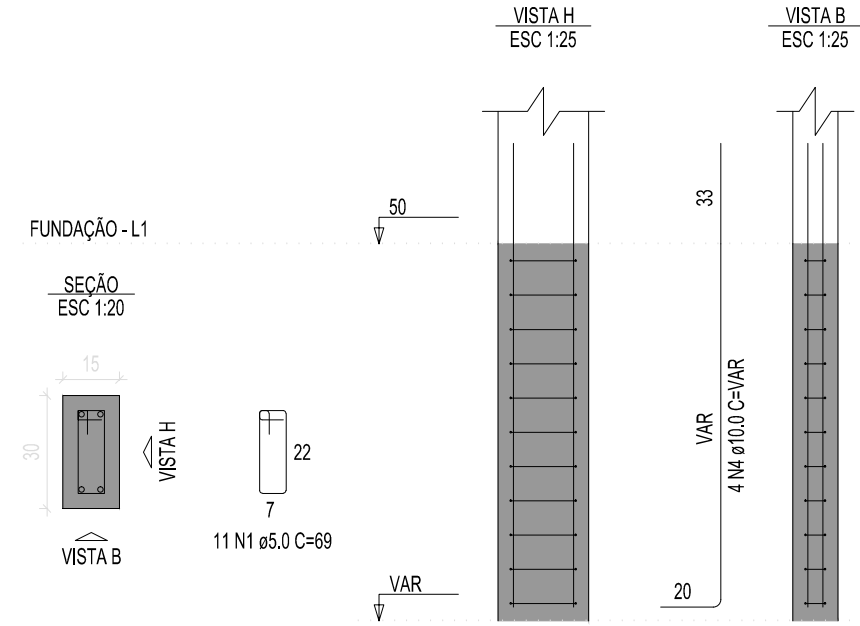
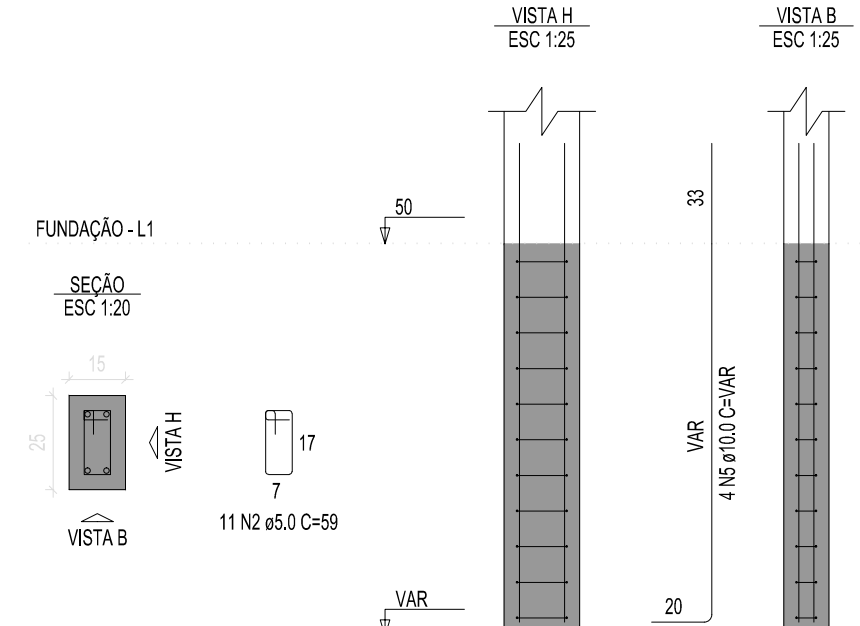


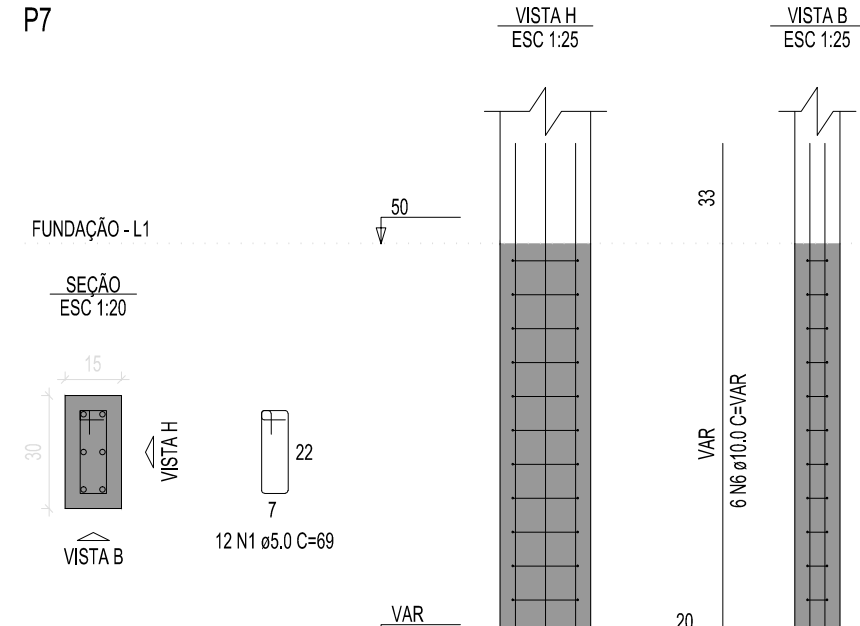
P1=P4=P5=P6=P56=P57=P58=
=P59=P60=P61



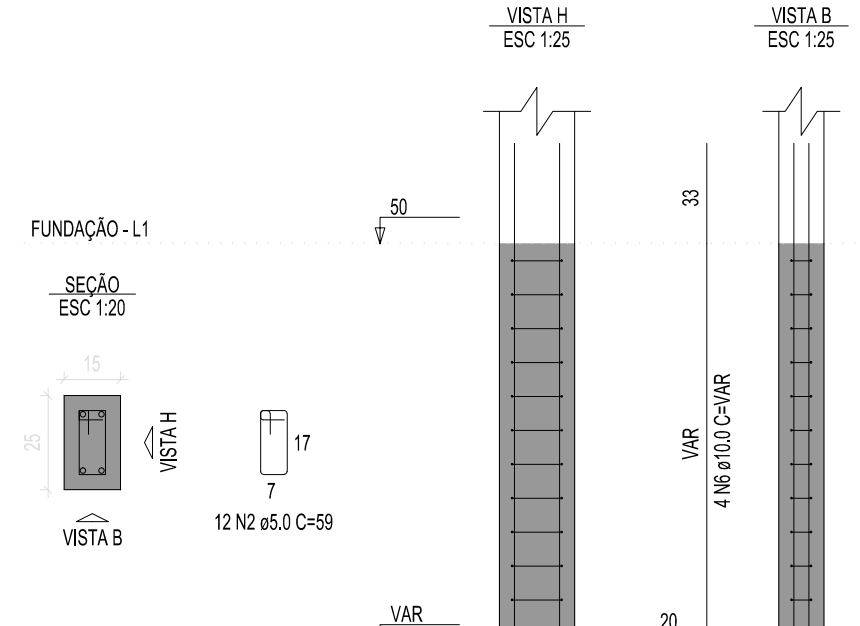
P2=P3=P10=P11=P12=P13=P15=
=P16=P17=P18=P19=P20=P35=
=P42=P45=P46=P47=P48=P51=
=P54



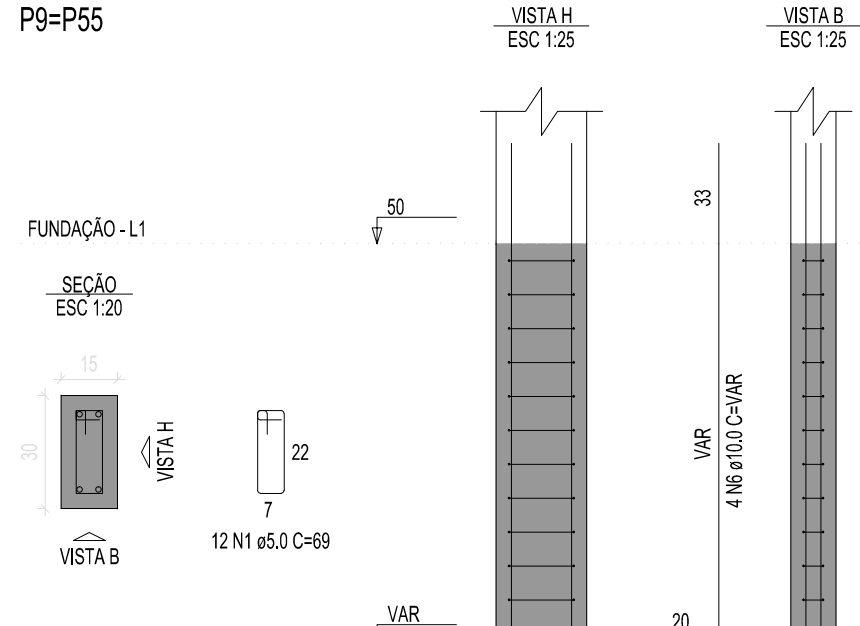
P7



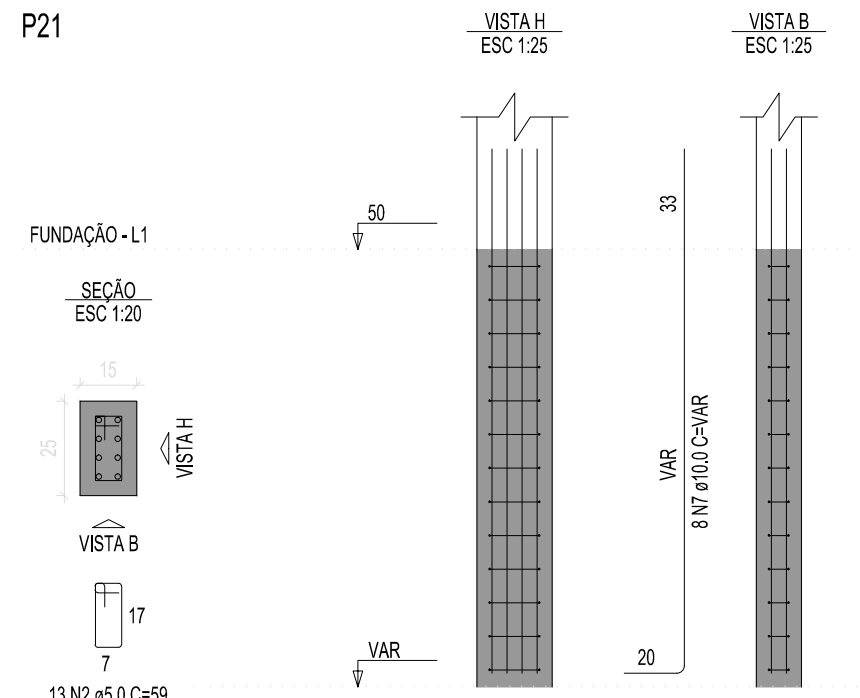
P8=P14=P36=P37=P41=P43=P52=
=P53=P63



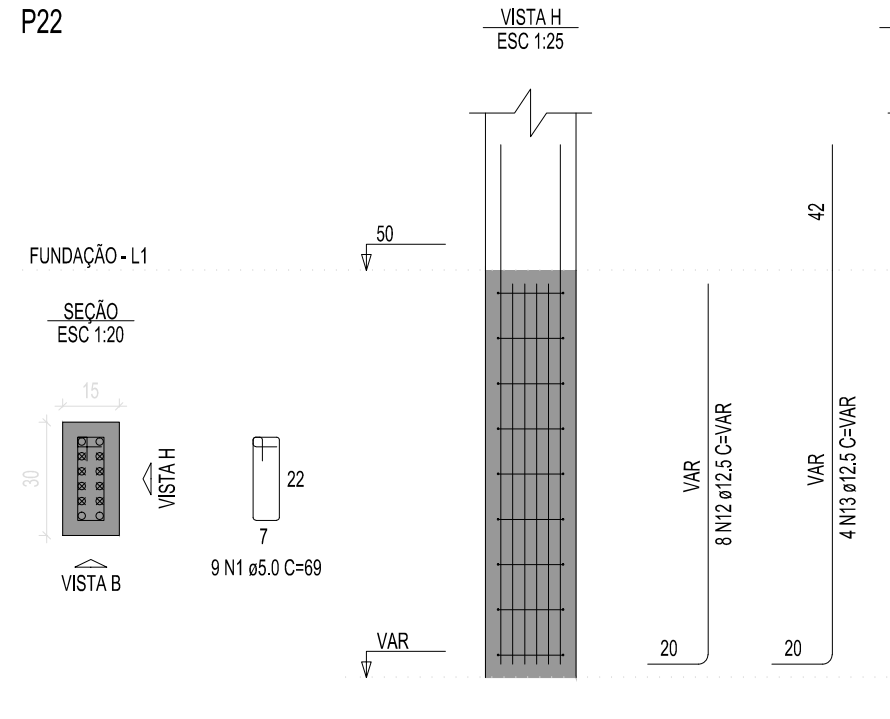
P9=P55



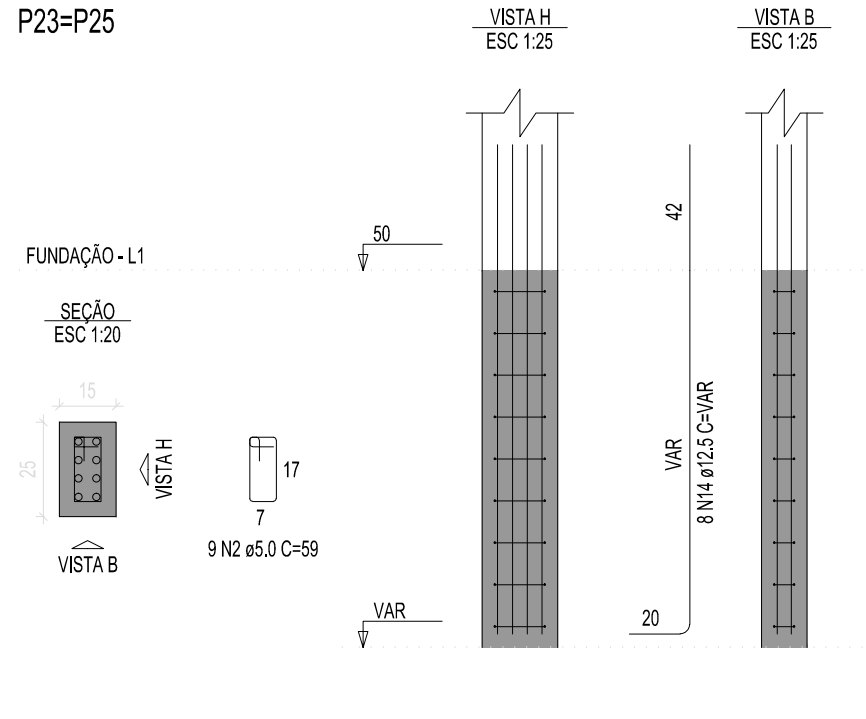
P21



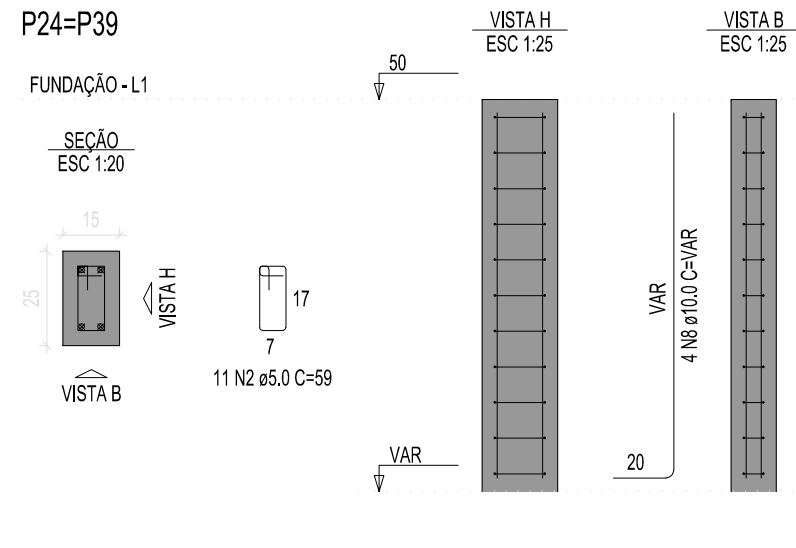
P22



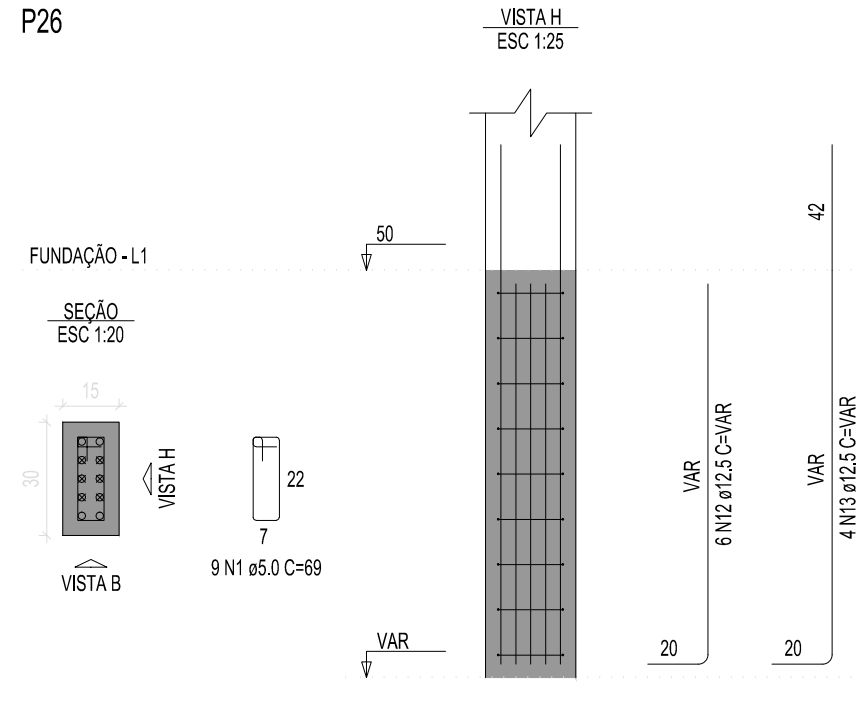
P23=P25



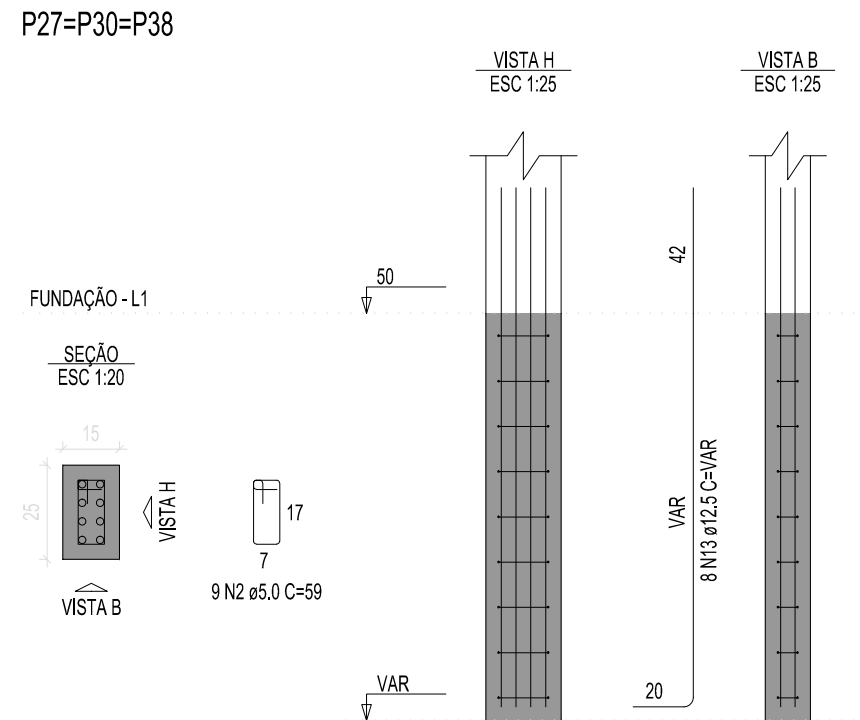
P24=P39



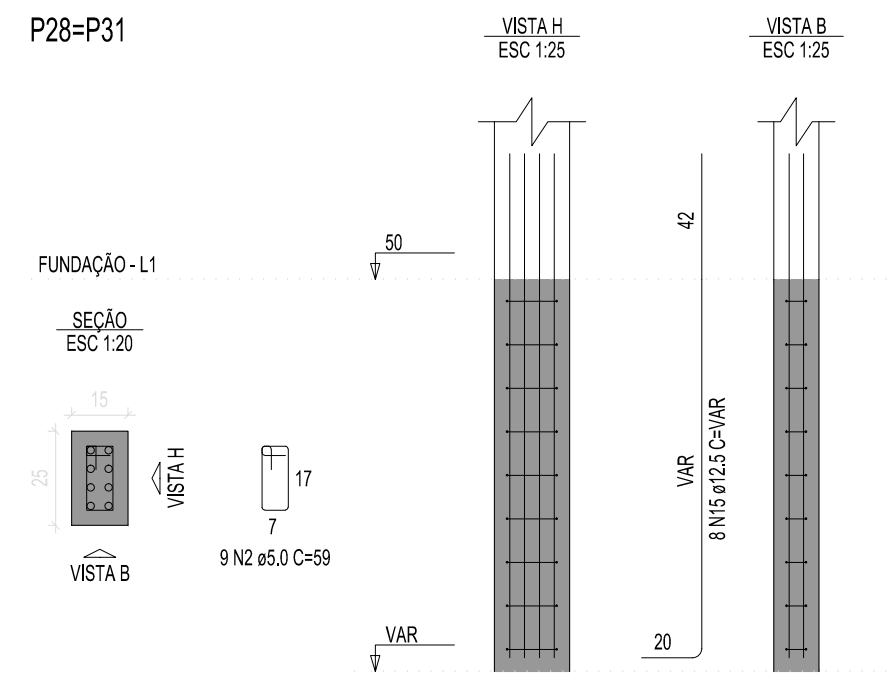
P26



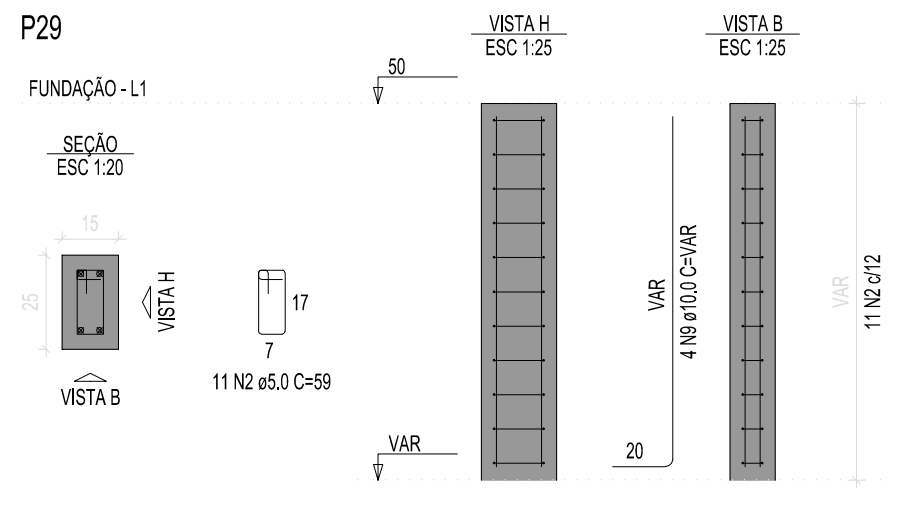
P27=P30=P38



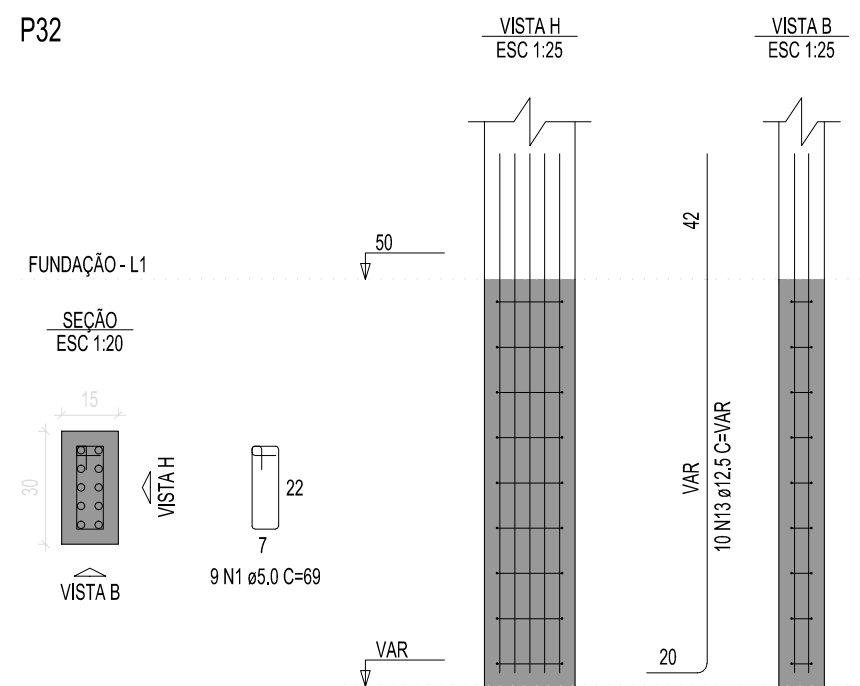
P28=P31



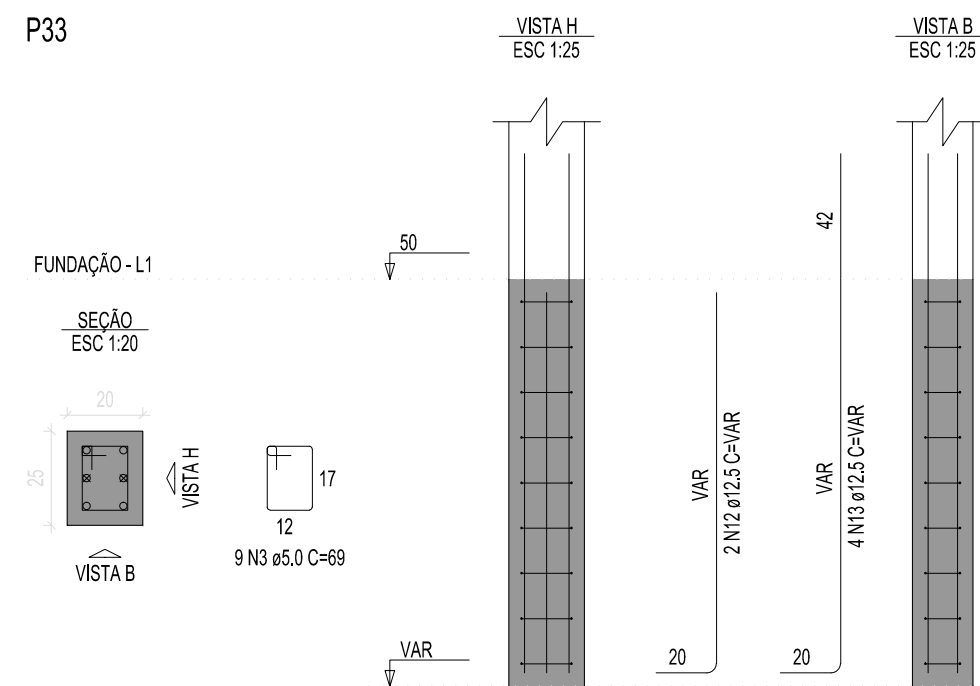
P29



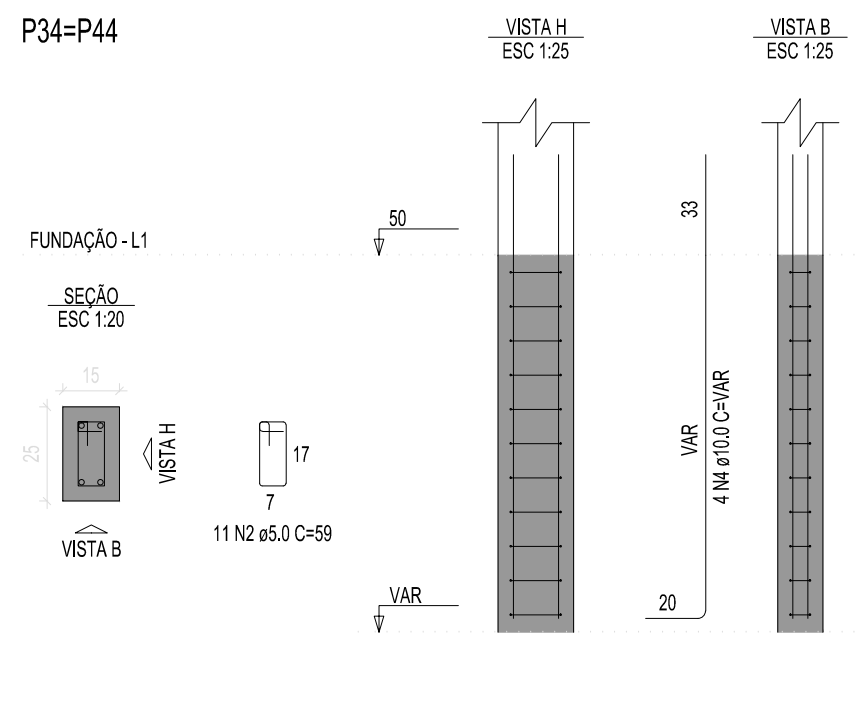
P32



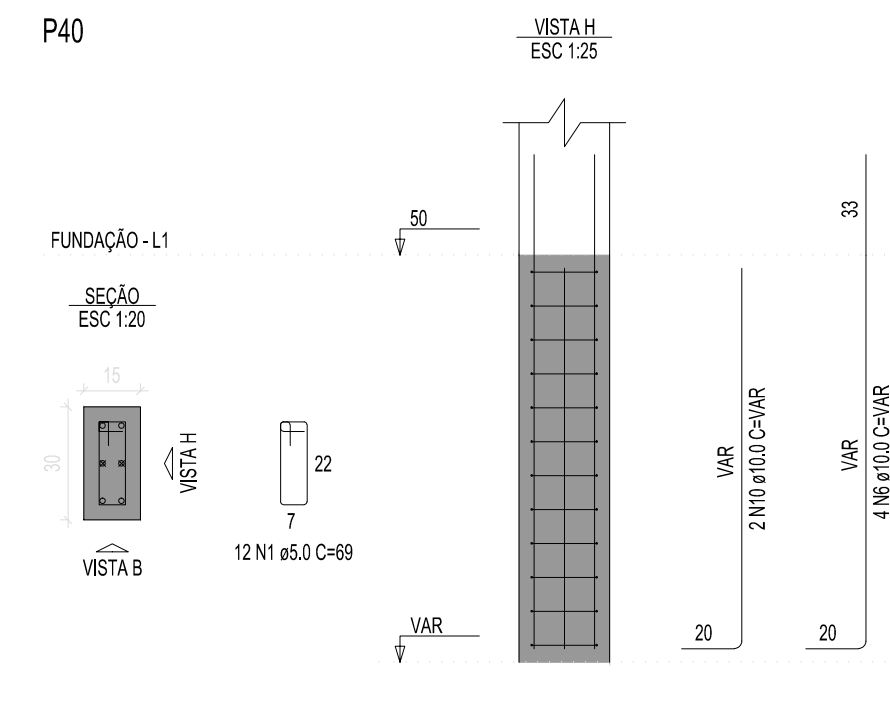
P33



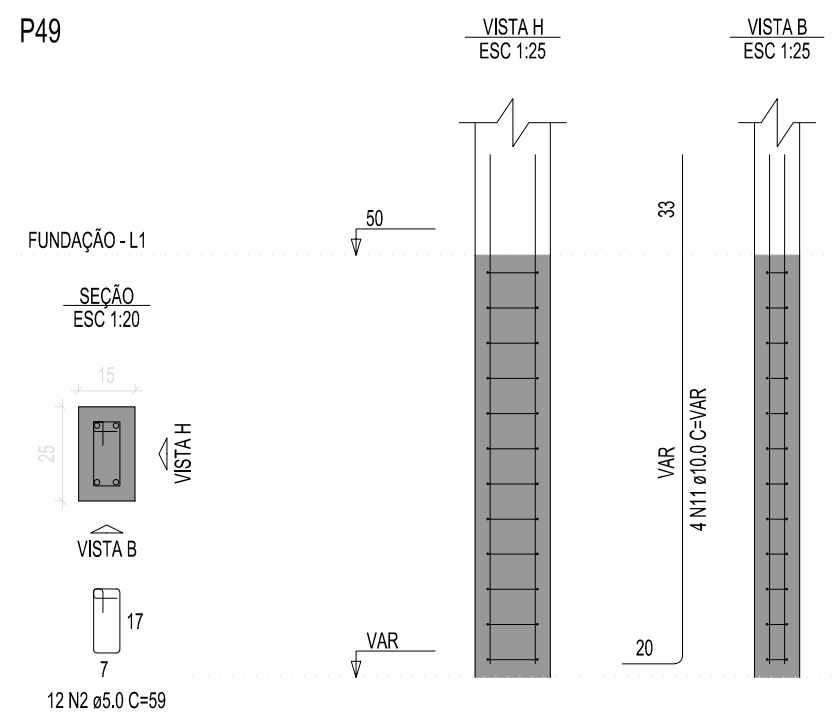
P34=P44



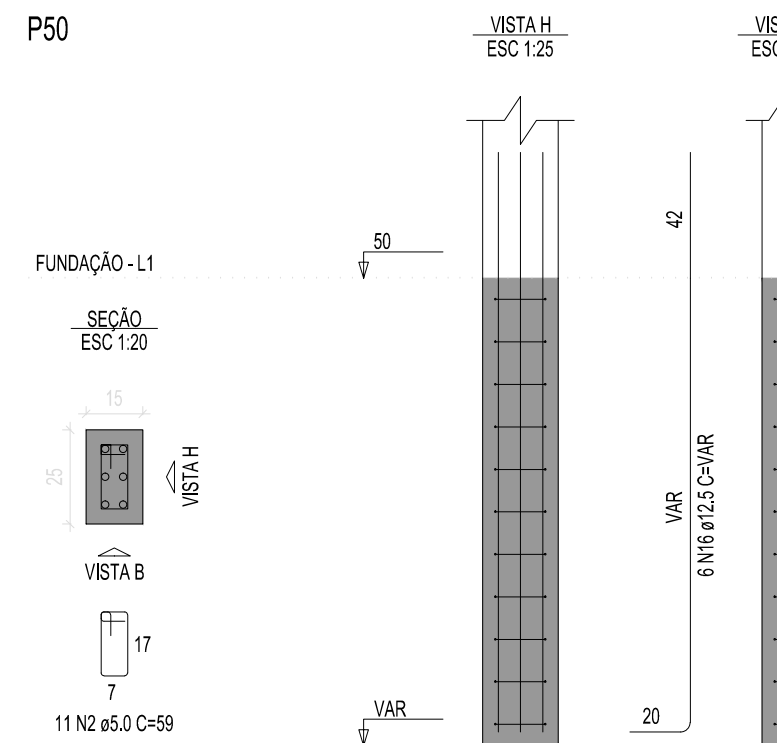
P40



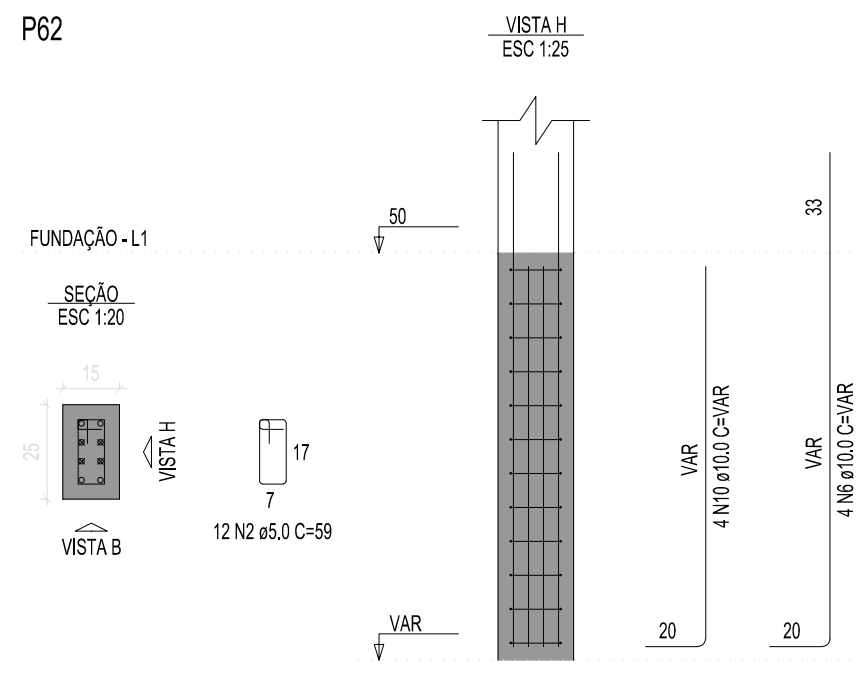
P49



P50



P62



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	185	69	12765
	2	5.0	494	59	29146
	3	5.0	9	69	621
CA50	4	10.0	48	VAR	VAR
	5	10.0	80	VAR	VAR
	6	10.0	58	VAR	VAR
	7	10.0	8	VAR	VAR
	8	10.0	8	VAR	VAR
	9	10.0	4	VAR	VAR
	10	10.0	6	VAR	VAR
	11	10.0	4	VAR	VAR
	12	12.5	15	VAR	VAR
	13	12.5	46	VAR	VAR
	14	12.5	16	VAR	VAR
	15	12.5	16	VAR	VAR
	16	12.5	6	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	377.7	256.1
CA60	12.5	181.3	182.1
	5.0	425.3	72.1
PESO TOTAL (kg)		448.2	72.1
CA50		448.2	
CA60		72.1	
Volume de concreto (C-30) = 3.28 m³			
Área de forma = 68.49 m²			

00	REVISÃO SOLICITADA PELA FISCALIZAÇÃO	10/05/2019	GEORGE BEZERRA	MATEUS SOTERO	
00	EMISSION INICIAL	29/03/2019	GEORGE BEZERRA	MATEUS SOTERO	
REV.	MODIFICAÇÃO	DATA	AUTOR(ES) DO PROJETO	DESENHISTA(S)	APROVO

ESPAÇO PARA APROVAÇÃO/ CARIMBO:

ESPAÇO PARA CÁLCULO DE ÁREA:

ÁREA DO TERRENO	1800.00 m²
ÁREA DO GALPÃO EXISTENTE	1040.00 m²
ÁREA DA CONSTRUÇÃO NOVA (UPR)	463.28 m²

PROPRIETÁRIO: SESC UPR

RESPONSÁVEL TÉCNICO:

PROJETO: GEORGE MAGNO BEZERRA PEIXOTO / CREA 020340337-1

PROJETO DE FUNDAÇÃO



OBRA: CONSTRUÇÃO DA UNIDADE DE PRODUÇÃO DE REFEIÇÕES DO SESC

ENDEREÇO DO EMPREENDIMENTO:
AV. SENADOR LEMOS Nº 2056 - TELÉGRAFO
BELÉM-PA

DESENHO: MATEUS SOTERO

CLIENTE:



SERVIÇO SOCIAL DO COMÉRCIO
DEPARTAMENTO REGIONAL DO ESTADO DO PARÁ

IDENTIFICAÇÃO DO PROJETO:
DETALHAMENTO DE PILARES

Nº DA PRANCHA:

FUN 05/13

CODIFICAÇÃO DO ARQUIVO:
01.PE.FUN-2019.05

ESCALA:
INDICADA

ESTE PROJETO NÃO PODERÁ SOFRER ALTERAÇÕES SEM ORDENS EXPRESSAS DO AUTOR