

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
P1-L3	1	5.0	850	111	94350
P2-L3	2	5.0	25	79	1975
P3-L3	3	5.0	70	131	9170
P4-L3	4	10.0	16	297	4752
P5-L3	5	10.0	4	70	280
P6-L3	6	10.0	4	241	964
P7-L3	7	12.5	80	237	17820
P8-L3	8	12.5	40	344	13760
P9-L3	9	12.5	60	VAR	VAR
P10-L3	10	12.5	12	87	1044

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	60	40.7
CA60	12.5	440.2	466.5
CA60	5.0	1055	178.9

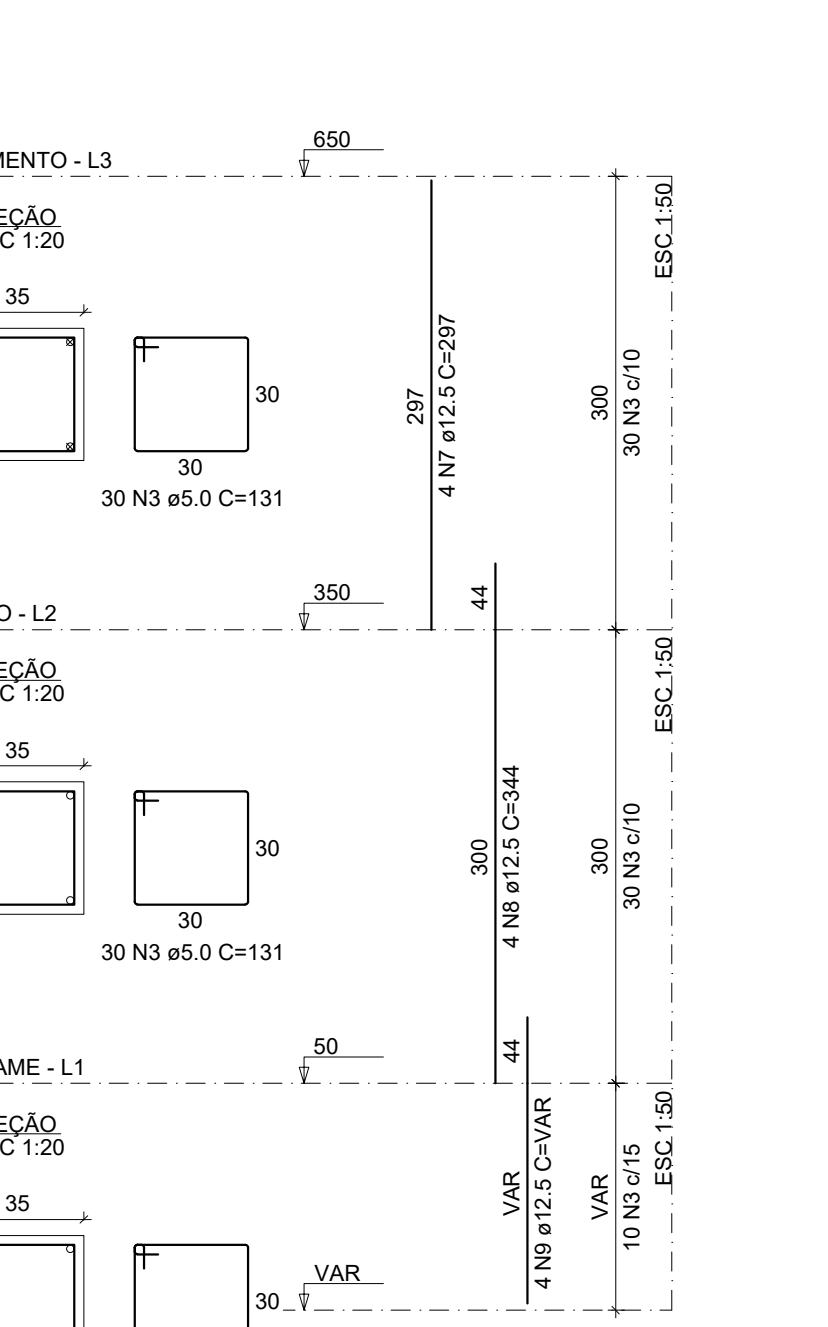
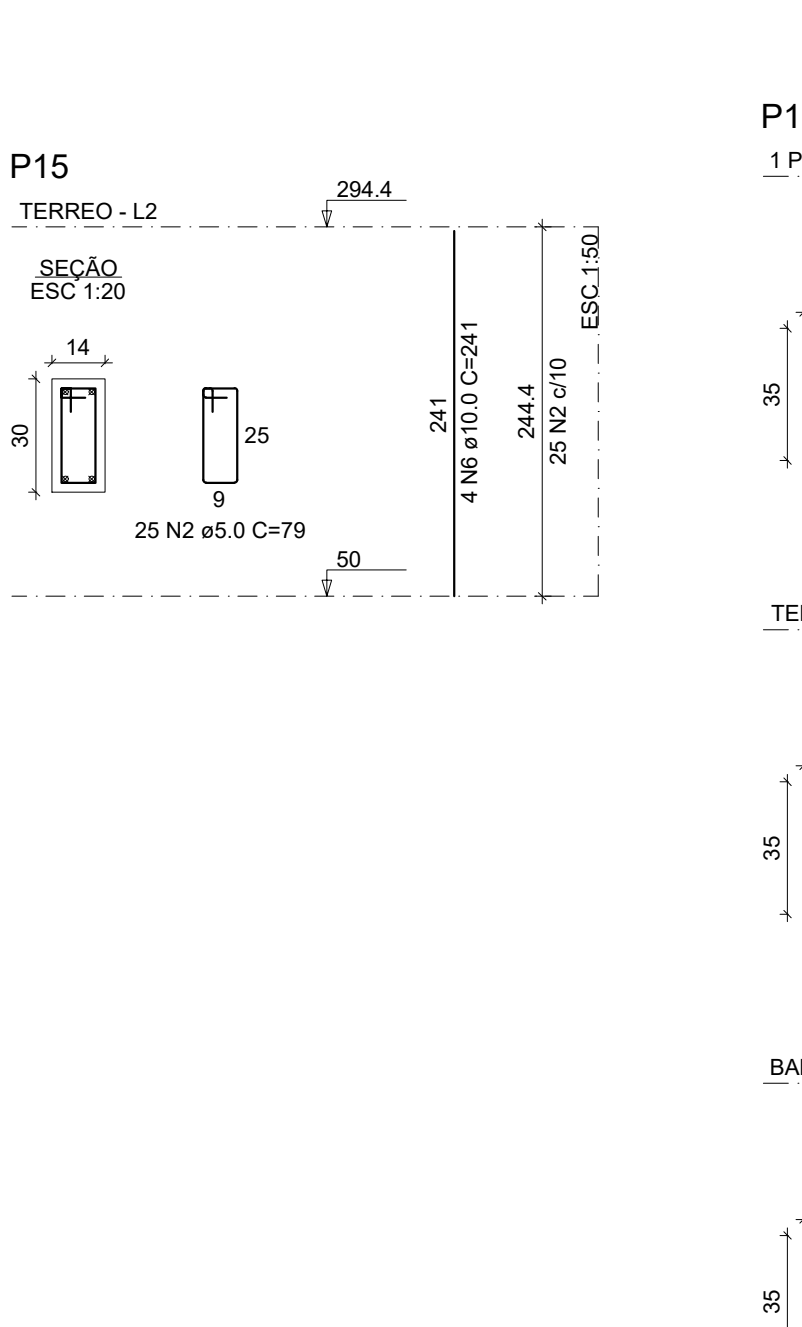
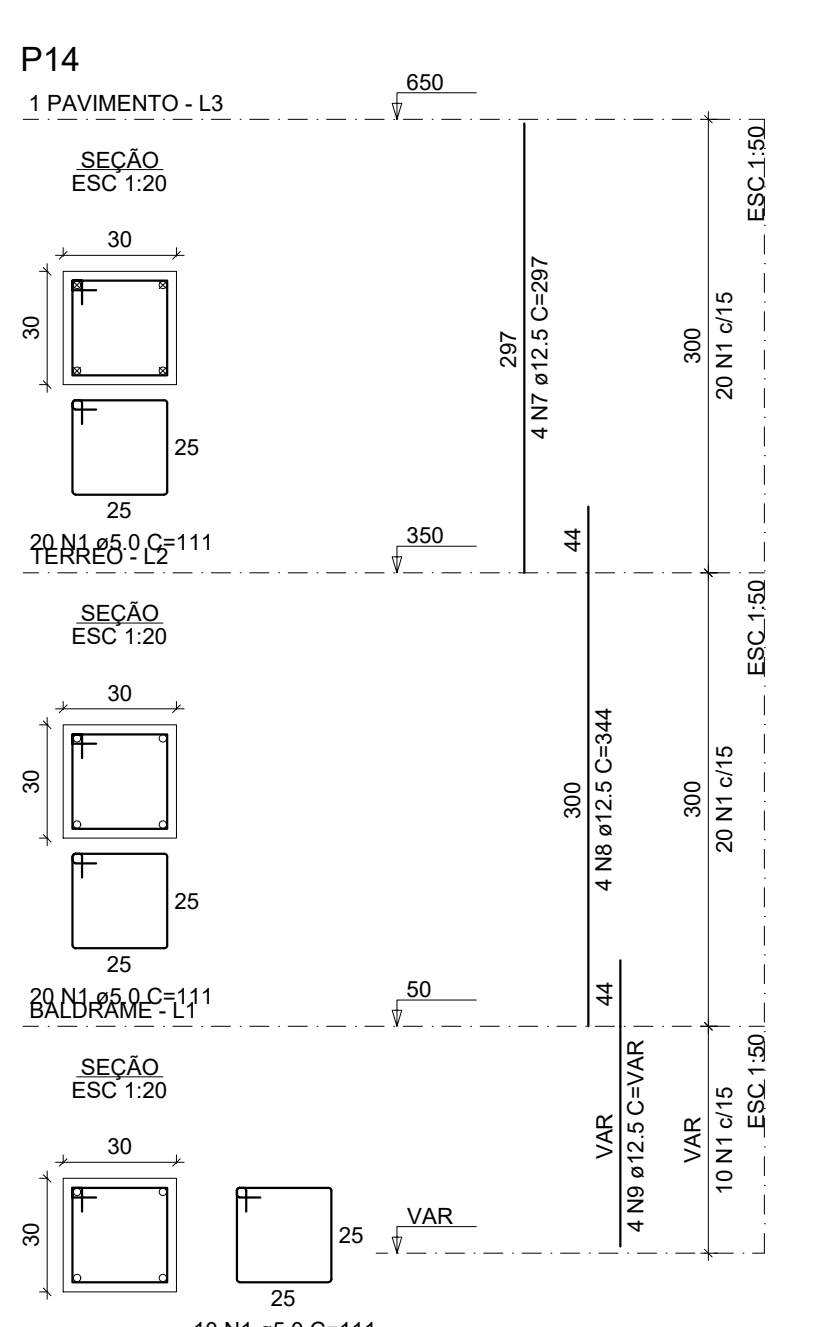
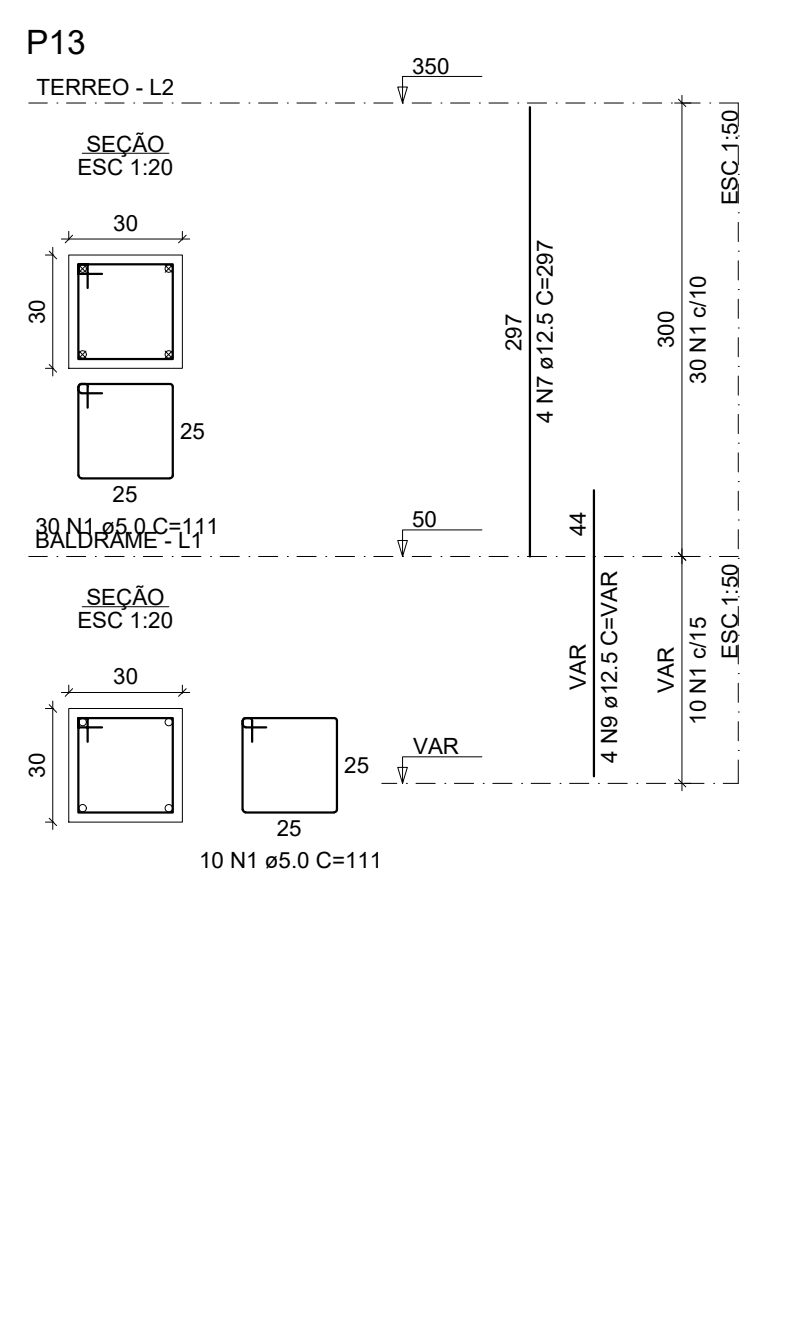
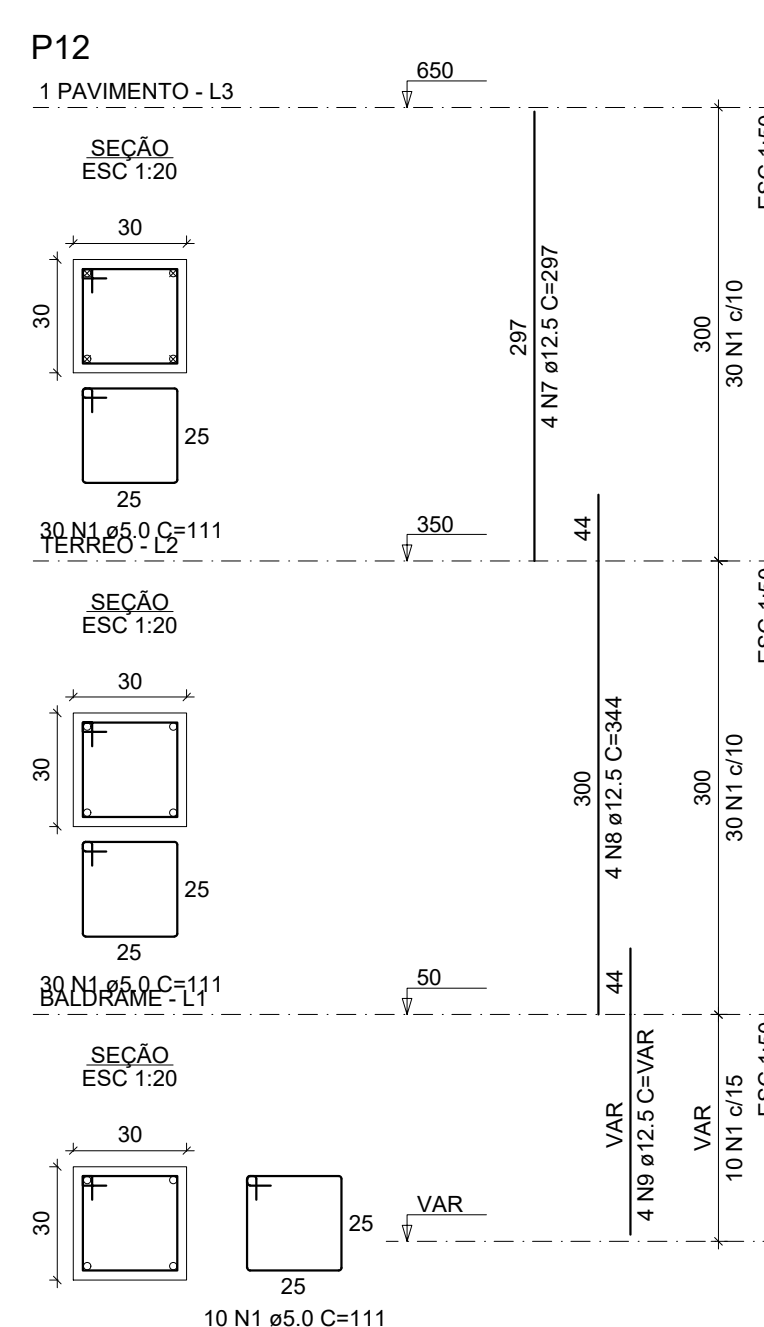
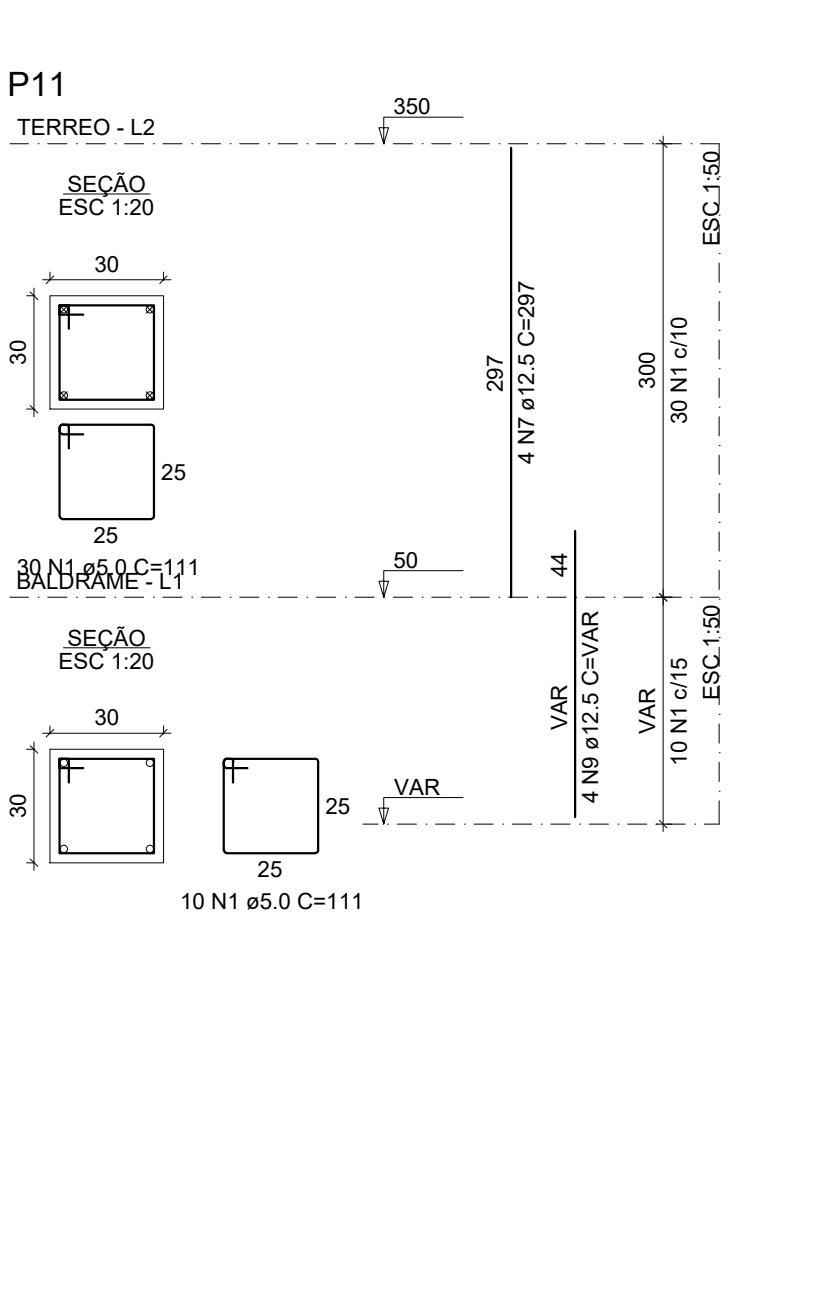
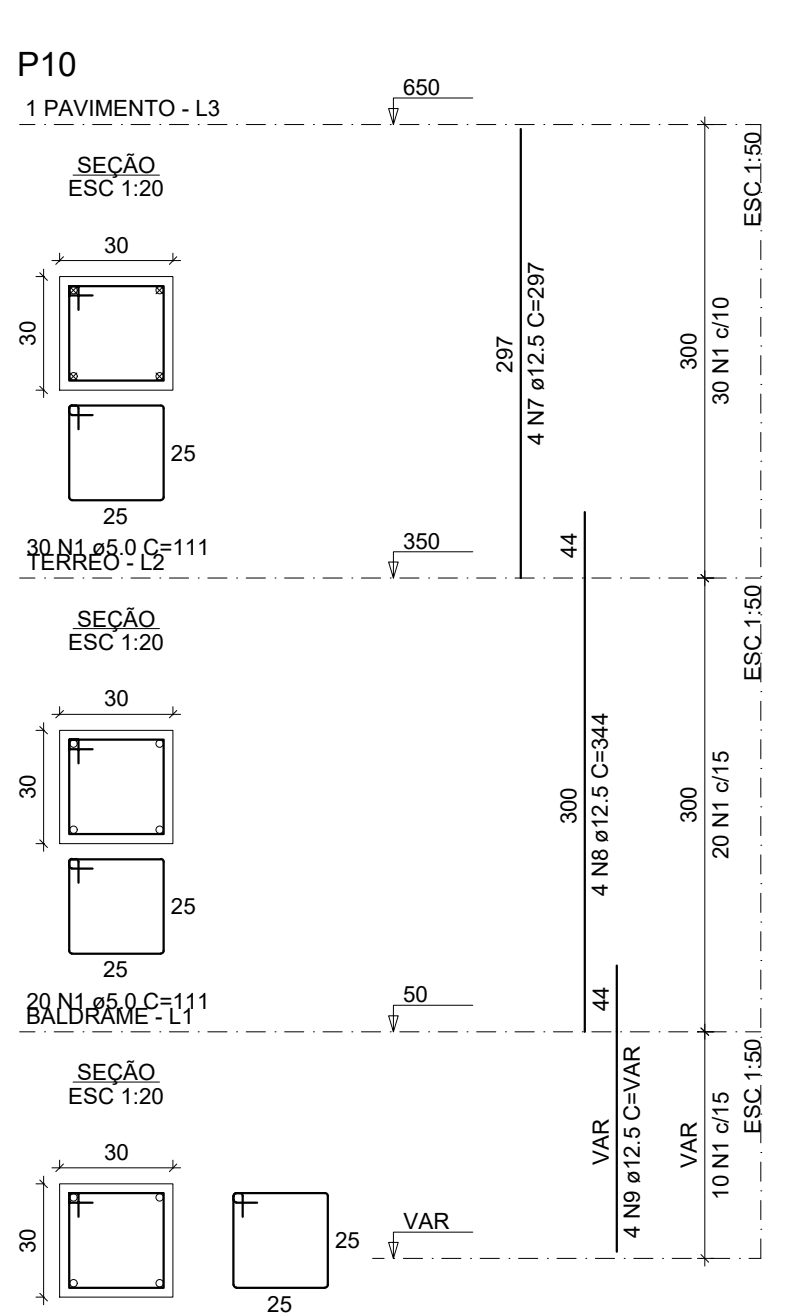
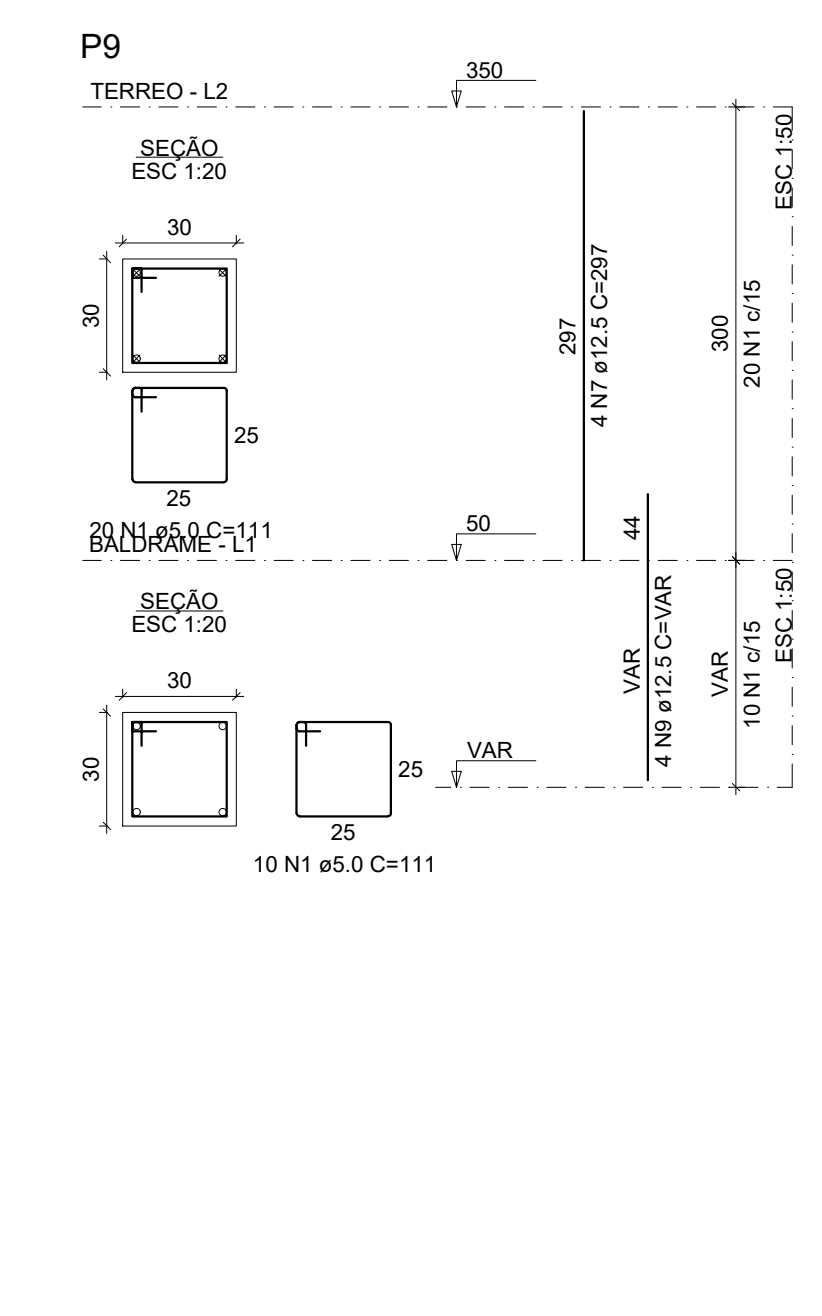
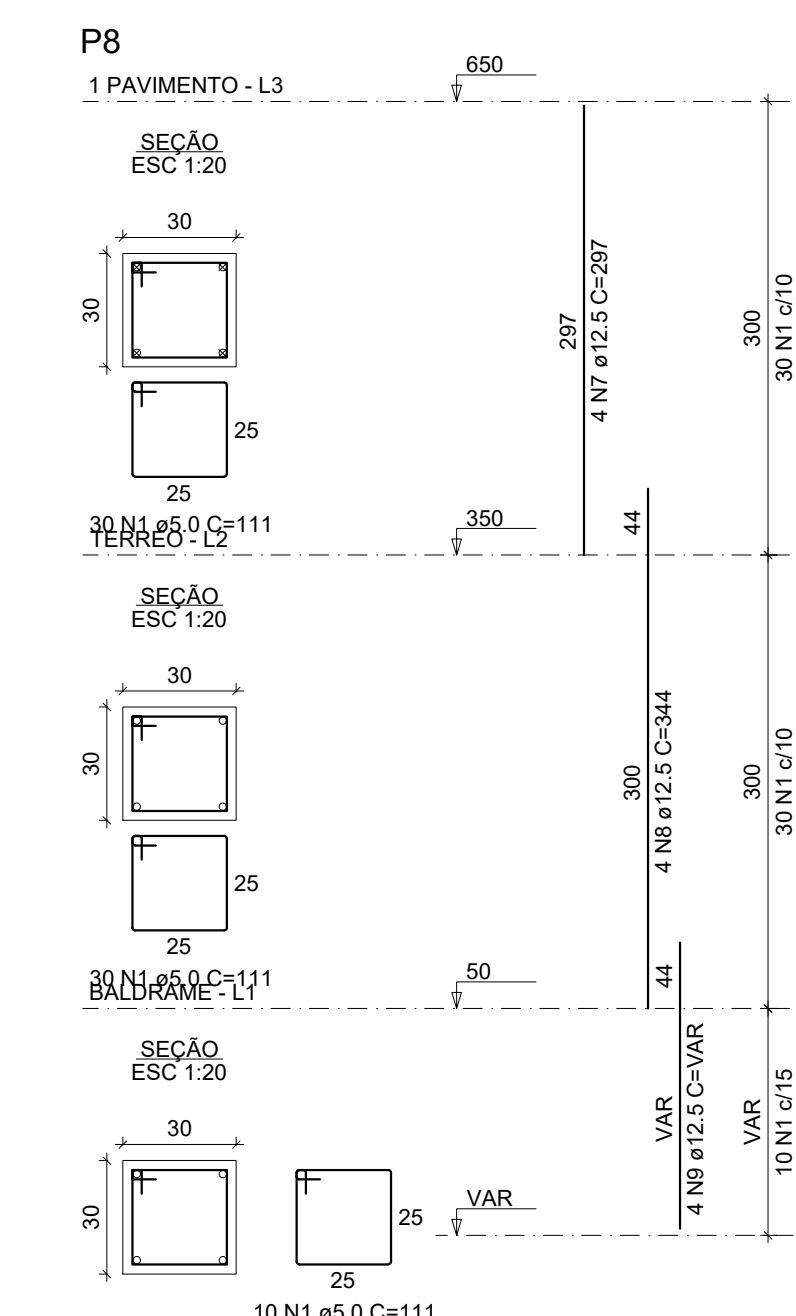
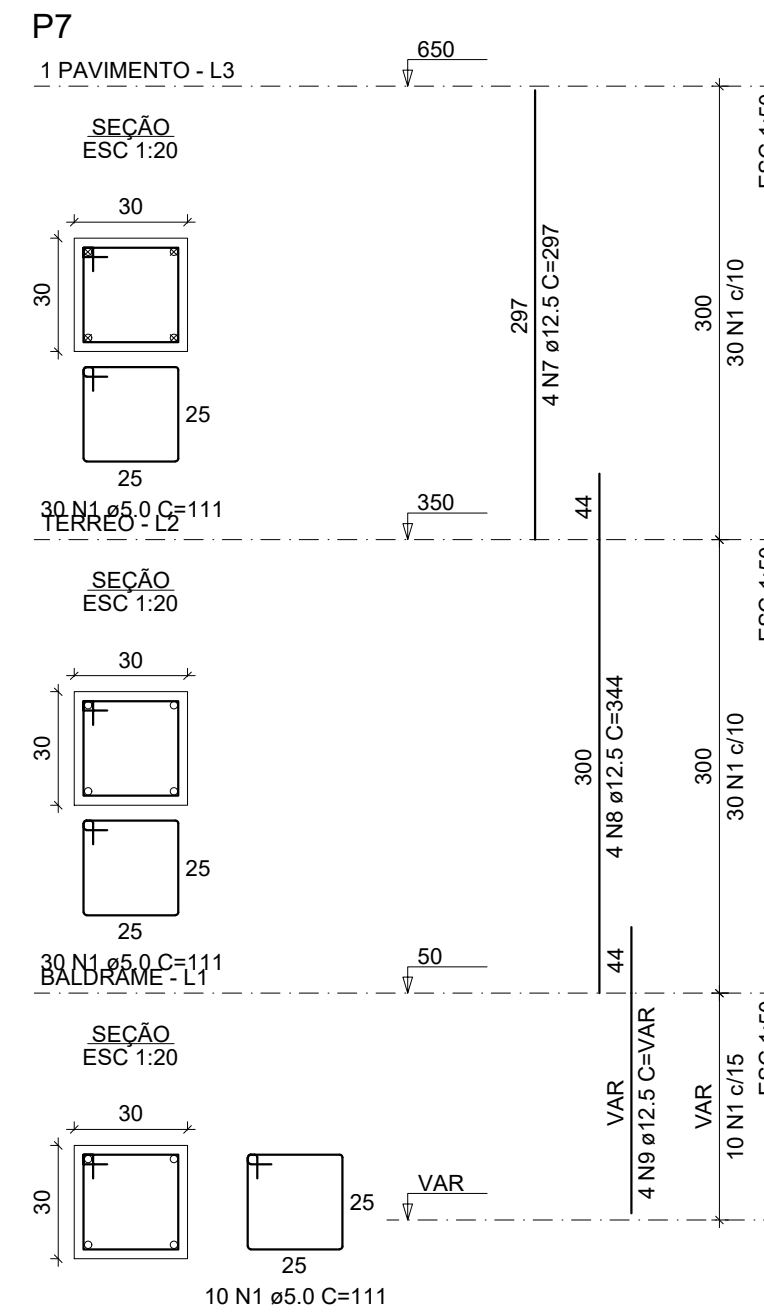
PESO TOTAL (kg)

CA50 507.2

CA60 178.9

Volume de concreto (C-25) = 9.66 m³

Área de forma = 127.85 m²



DETALHAMENTO PILARES

escala 1:50

Aprovações:

PROJETO REFORÇO ESTRUTURAL

Local: PRAÇA DOUTOR CÉSAR LEITE, 500 - BAIRRO CENTRO - MANHUACU- MG

Proprietário: POLICIA MILITAR DE MINAS GERAIS - COLEGIO TIRADENTES - UNIDADE MANHUACU

Responsável Técnico: CNPJ: 16.695.025/0001-97

VICTOR DUTRA OLIVEIRA - CREA: 128.201/D - MG

Desenho: Conteúdo:



Pórtico Engenharia

DETALHAMENTO PILARES

Áreas :	Data:	Escala:	Folha:
VER ARQUITETURA	16/08/2021	INDICADAS	09/10