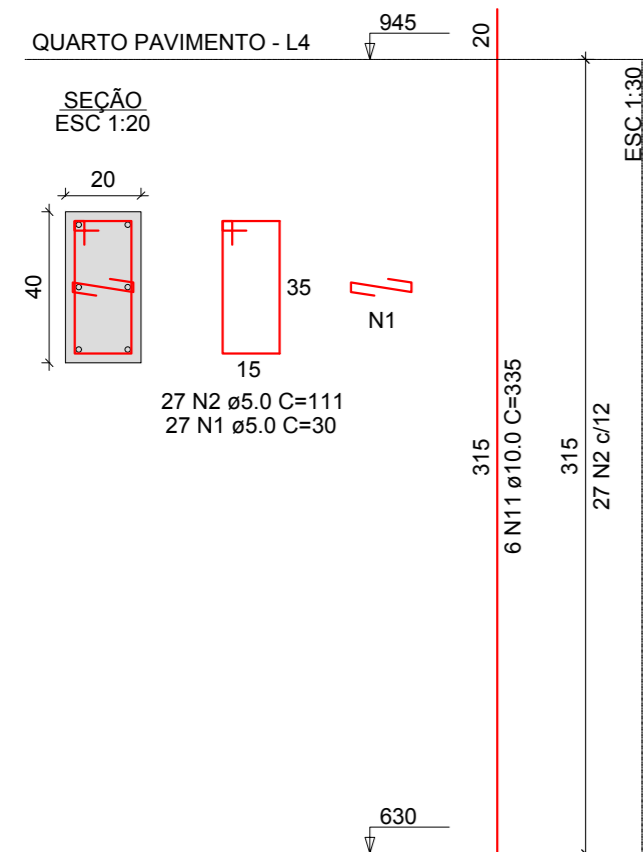
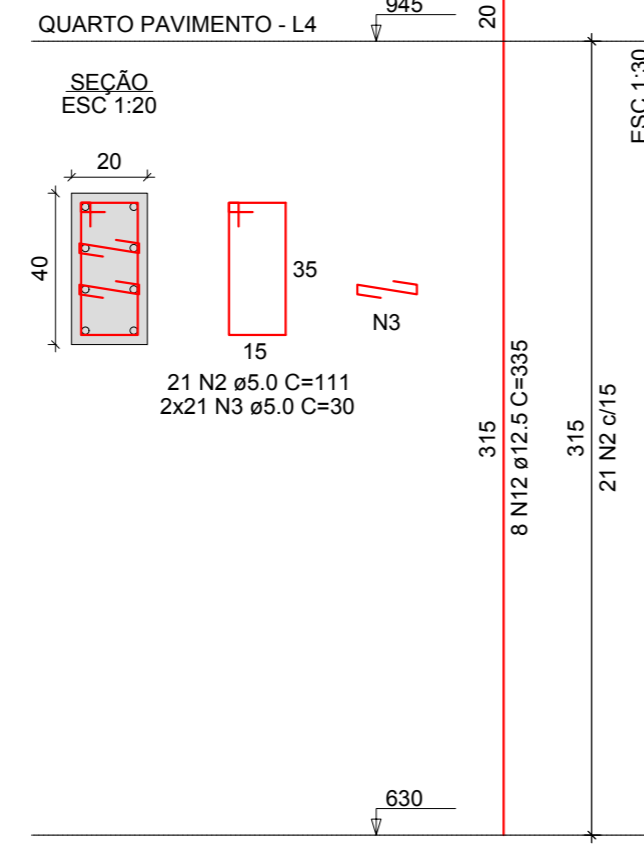


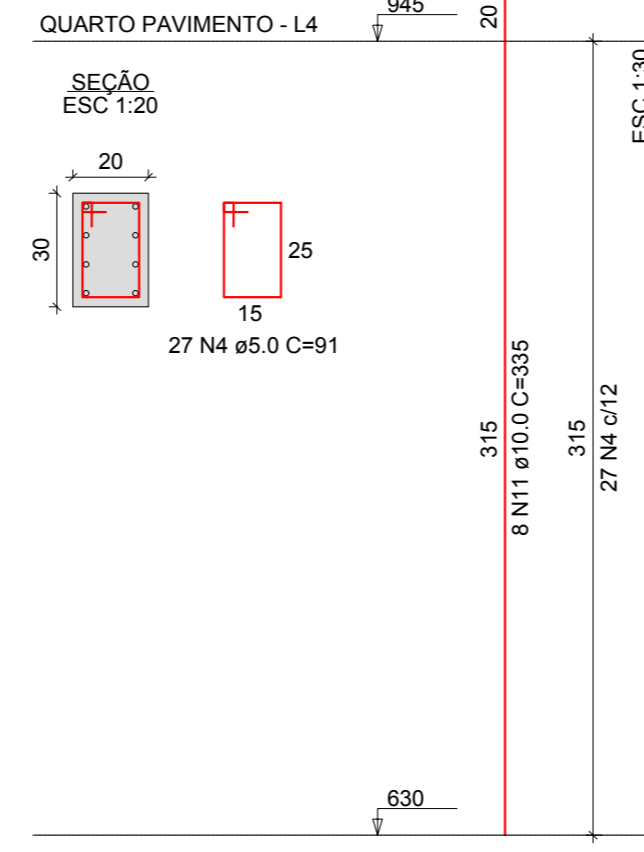
P1=P8=P12



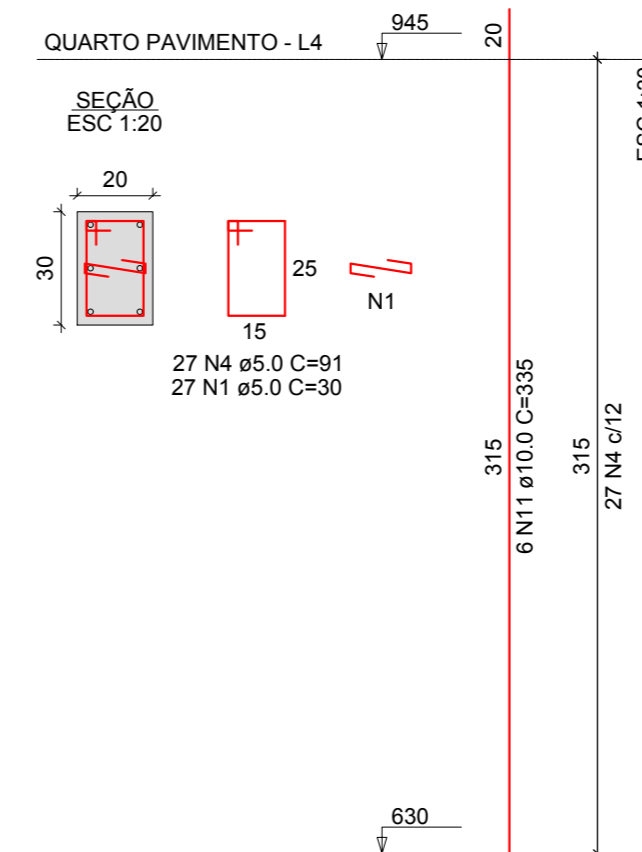
P2



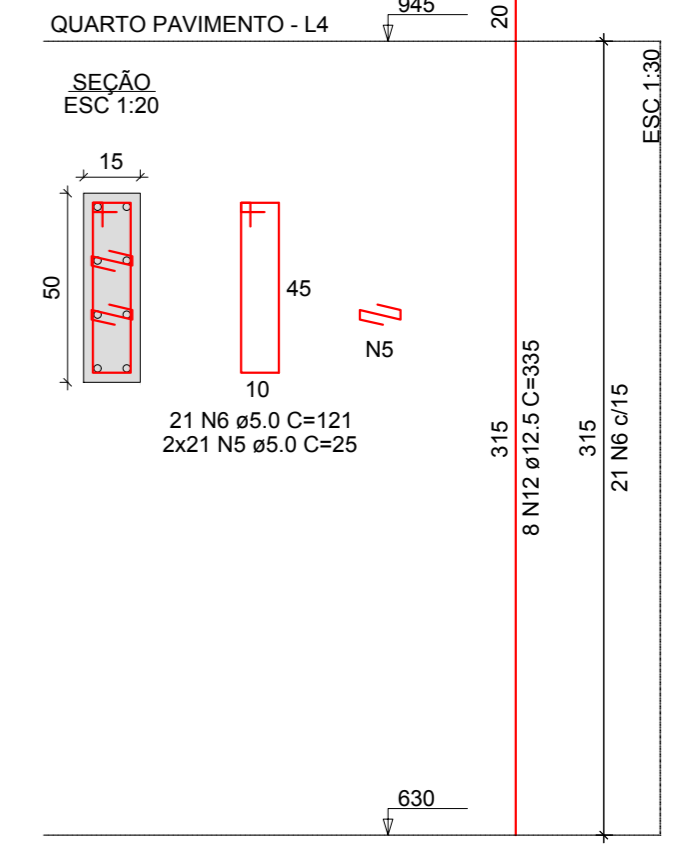
P3=P16



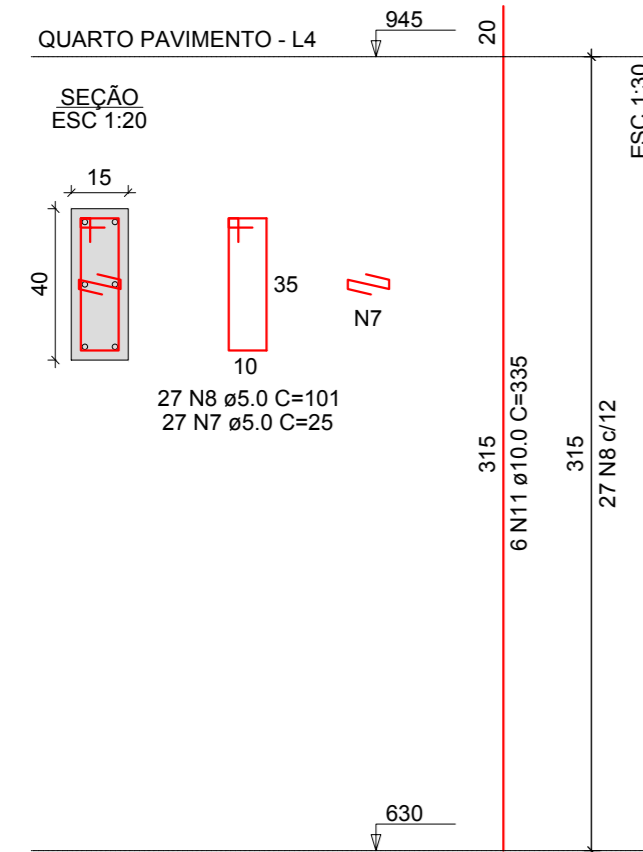
P4=P10=P18=P19=P20



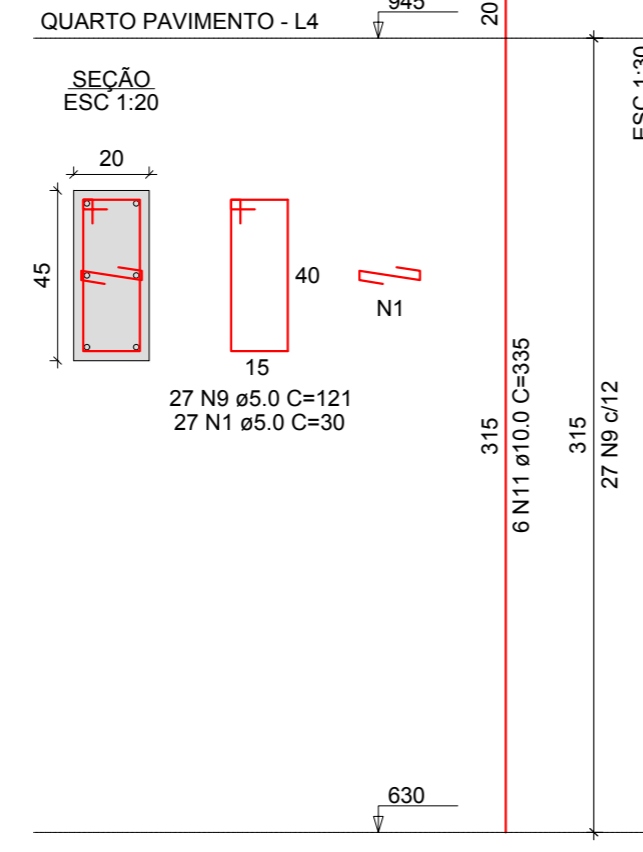
P5



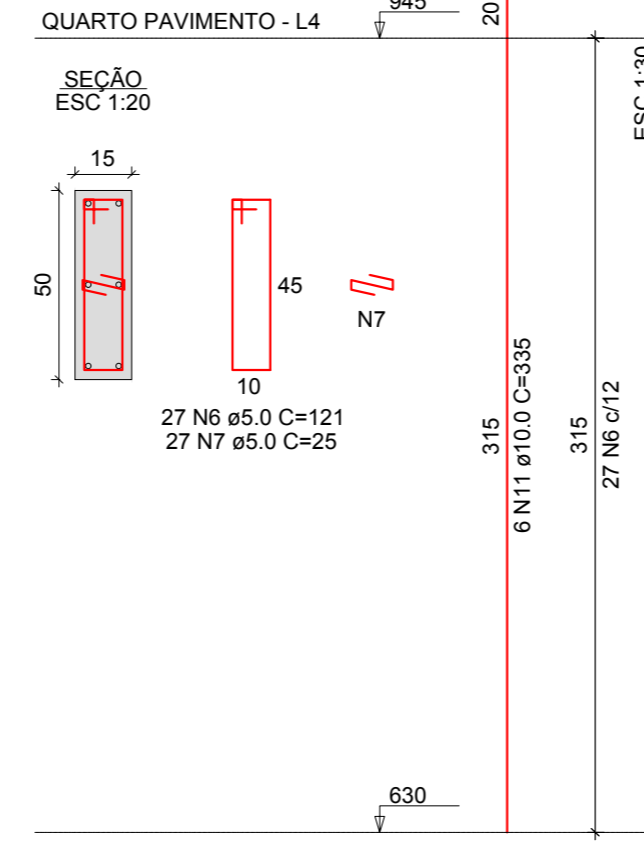
P6=P11=P13=P14=P15



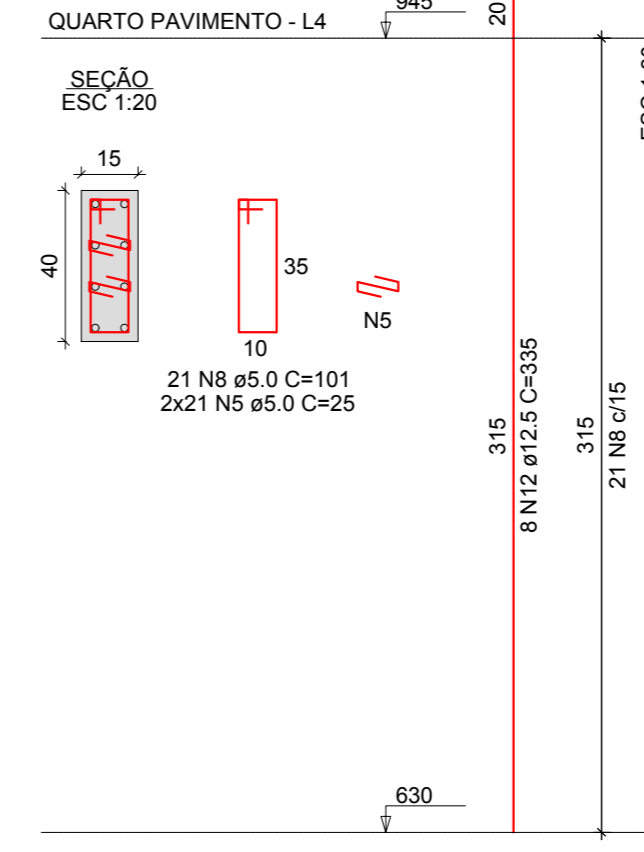
P7



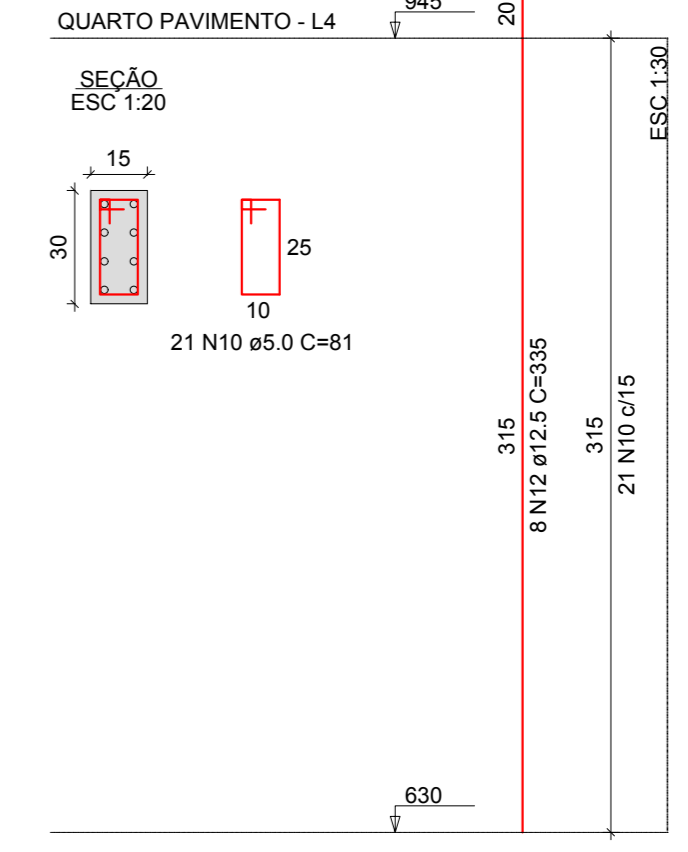
P9



P17



P21=P22



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	355.1	240.8
	12.5	134	142
	5.0	714.5	121.1
PESO TOTAL (kg)			
CA50	382.8		
CA60	121.1		



**ENGETEC**  
**SOLUÇÕES EM ENG E ARQ**

RUA BAHIA 63 - CENTRO - ERECHIM - RS

Obra / Local: EDIFICAÇÃO EM ALVENARIA - CENTRO ADMINISTRATIVO  
Endereço: Rua do comércio, lote 04, quadra 11 - Paulo Bento - RS

Data: NOVEMBRO/2018  
Desenho: Engetec  
Escala: Indicada

Referencia: **PROJETO ESTRUTURAL**  
PILARES QUARTO PAVIMENTO

Prancha: **P03**

Proprietário:  
Prefeitura Municipal de Paulo Bento  
CNPJ: 04.215.168/0001-75

Responsável Técnico:  
Engº Alessandro Martins Reck  
CREA RS 226477  
G2A Soluções em Engenharia e Arquitetura  
CREA RS 230302 - CNPJ 29.015.207/0001-11