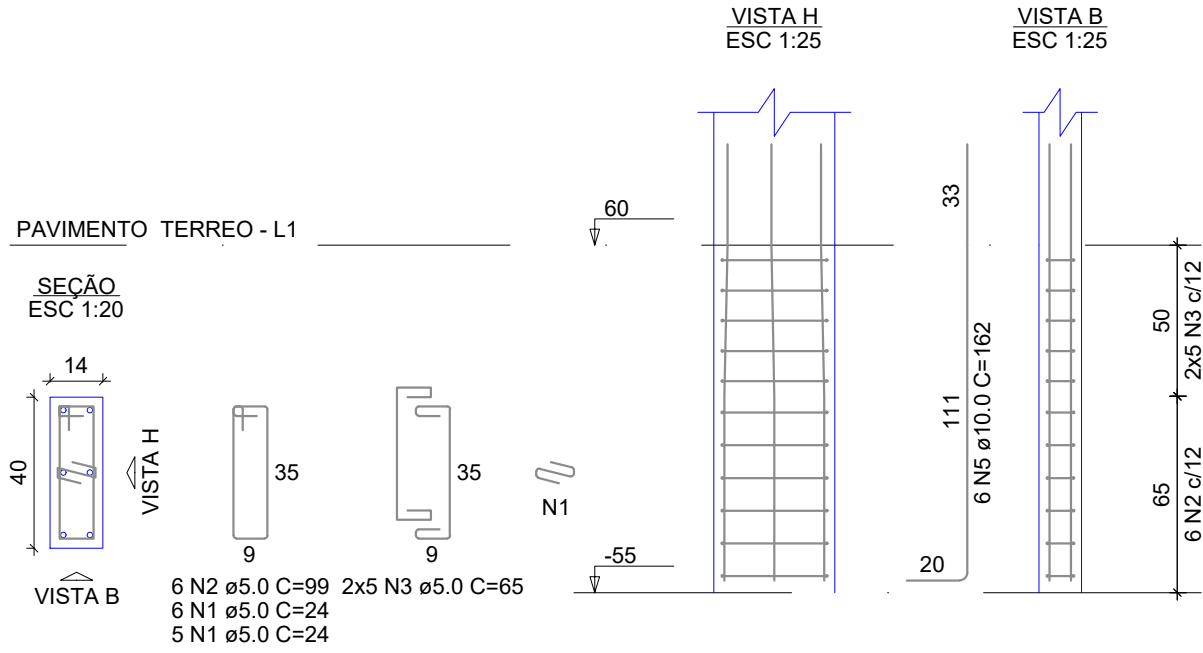
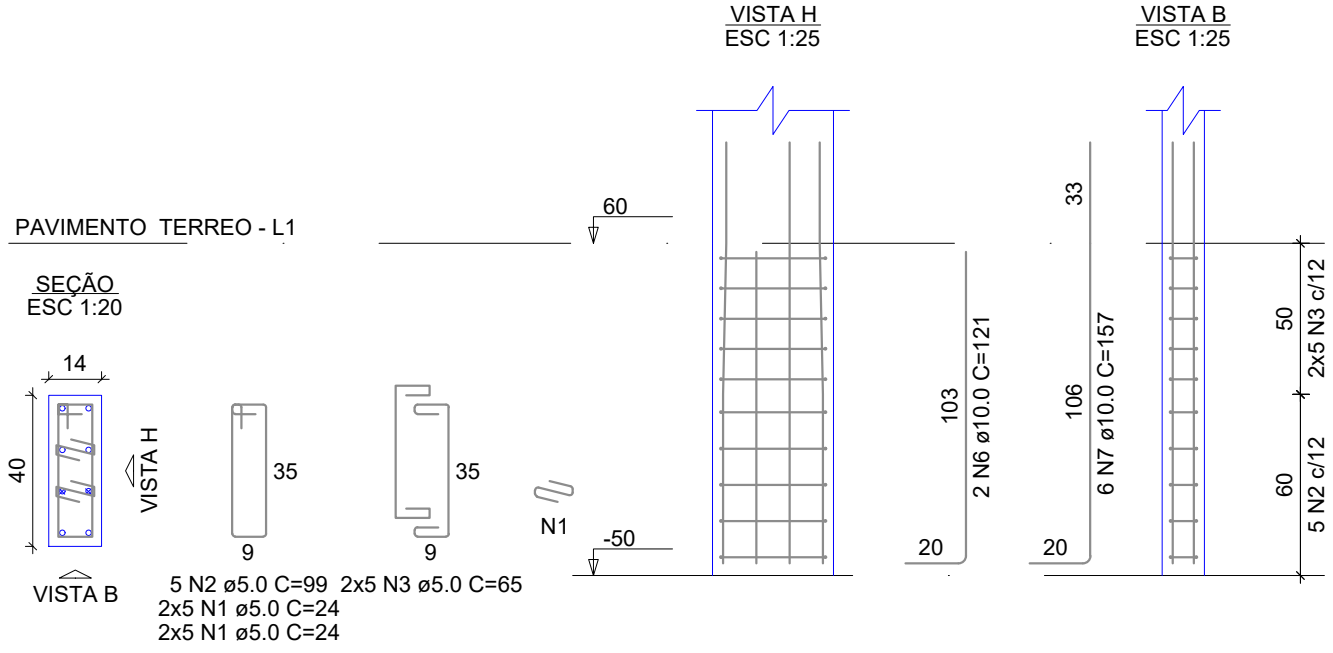


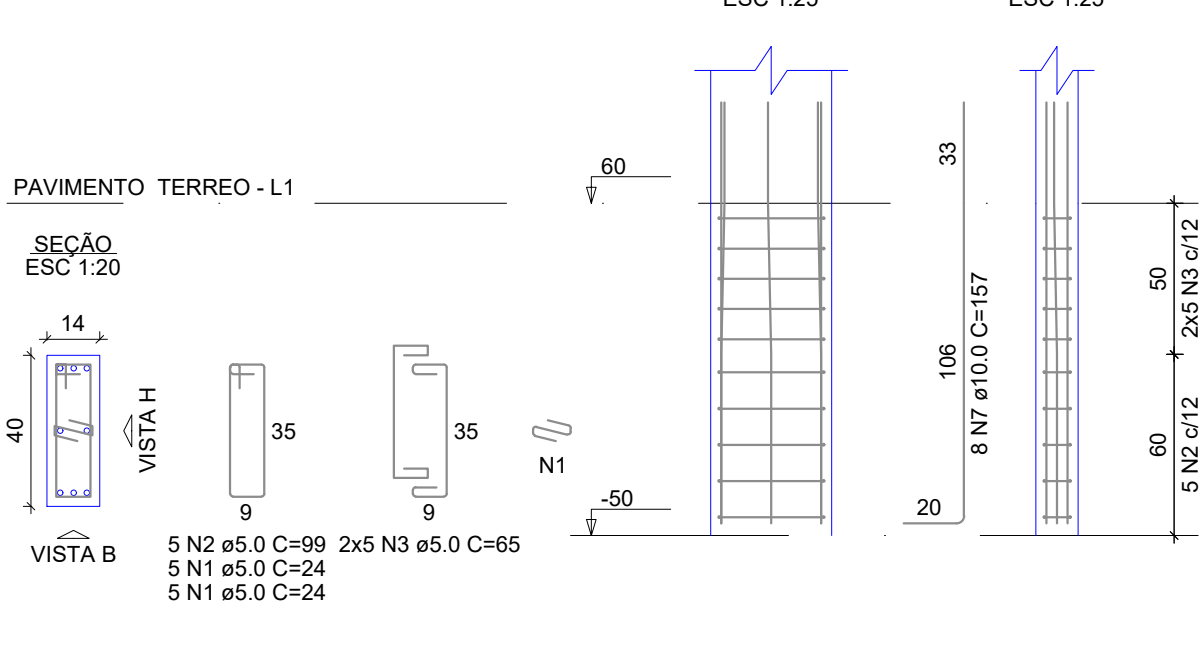
P1=P2=P5=P6=P9=P10=P11=P12=P13=P14=P17=
=P18=P19=P20=P21=P22=P25=P26=P29=P30=P32=
=P34=P35=P36=P37=P42=P43=P44=P45=P50=P56=
=P57=P63=P64



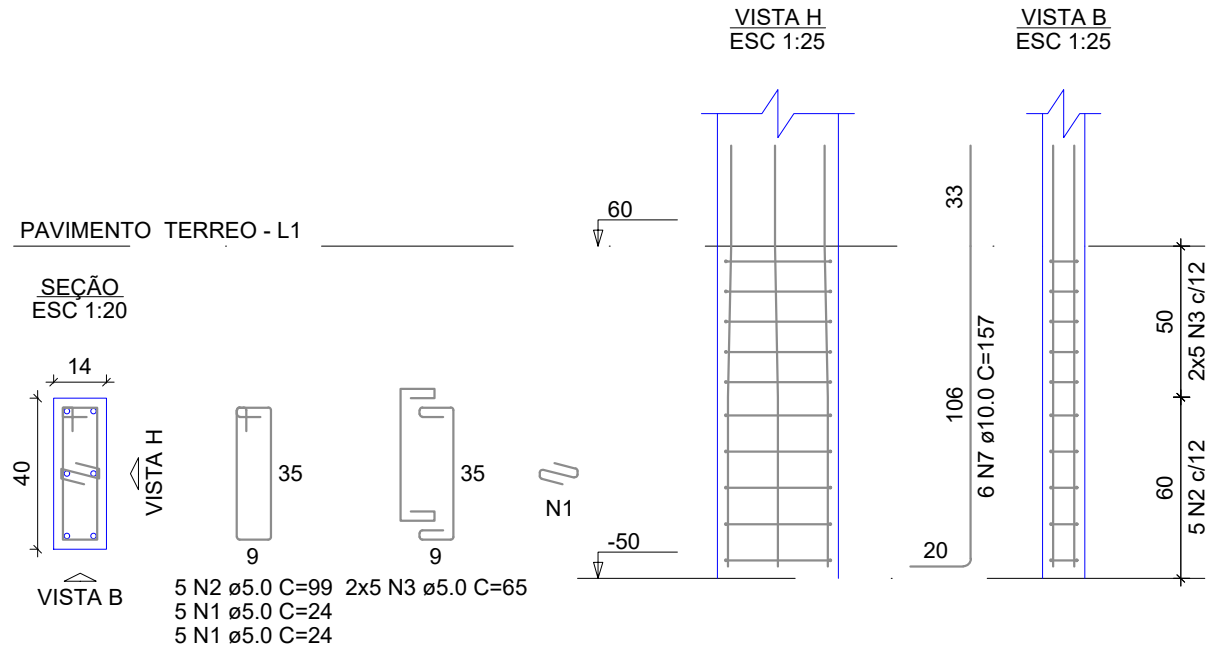
P3=P15=P28=P48



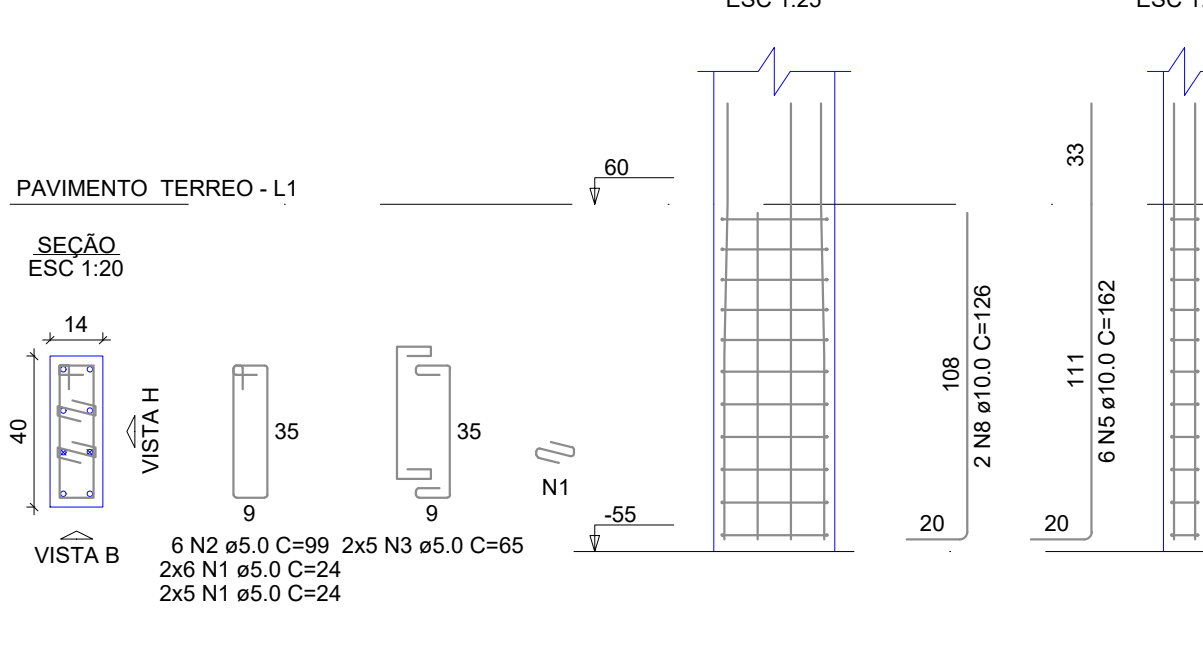
P4=P41



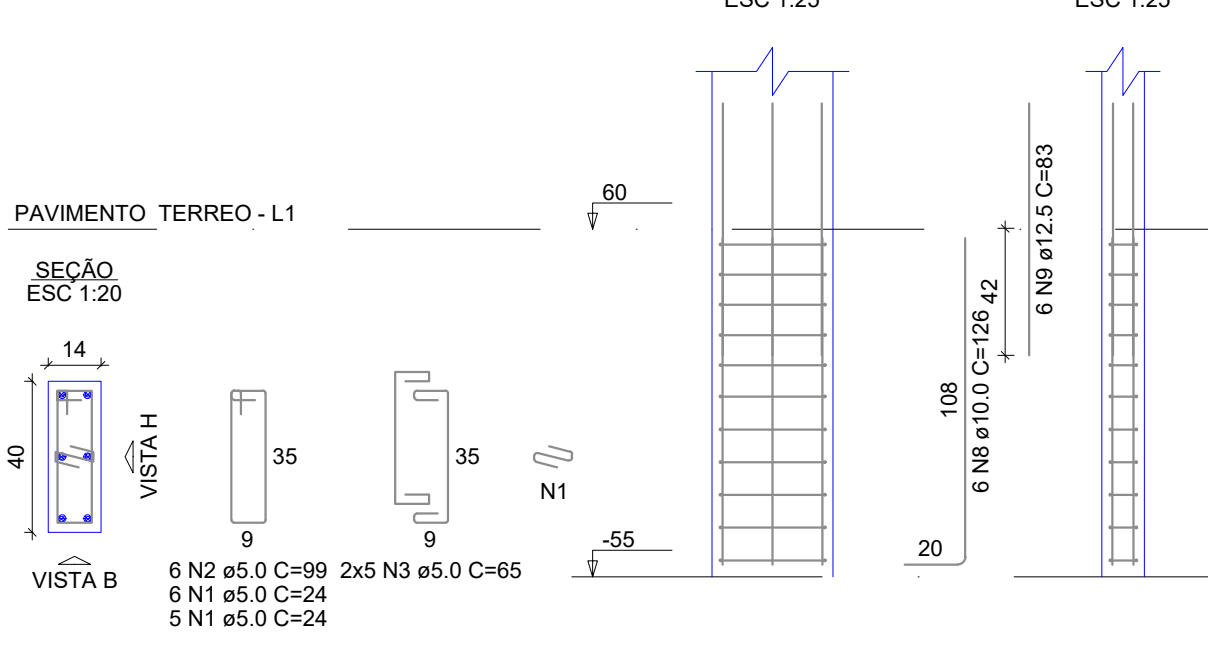
P7=P16=P23=P24=P27=P31=P38=P39=P40=P47=
=P49=P51=P55=P62



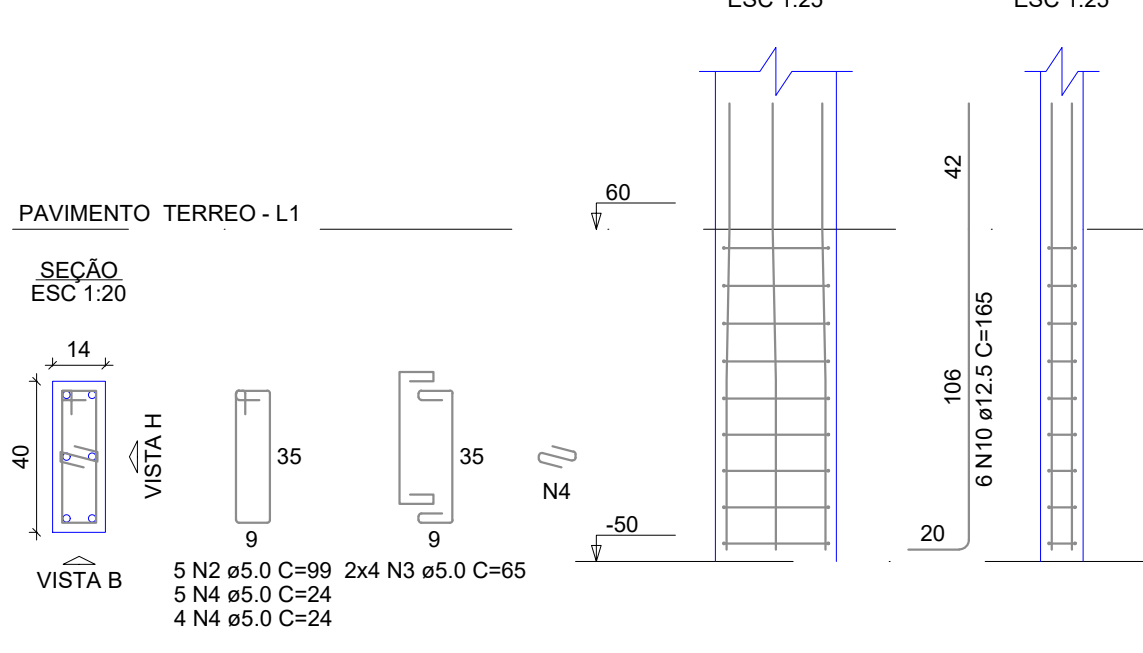
P8



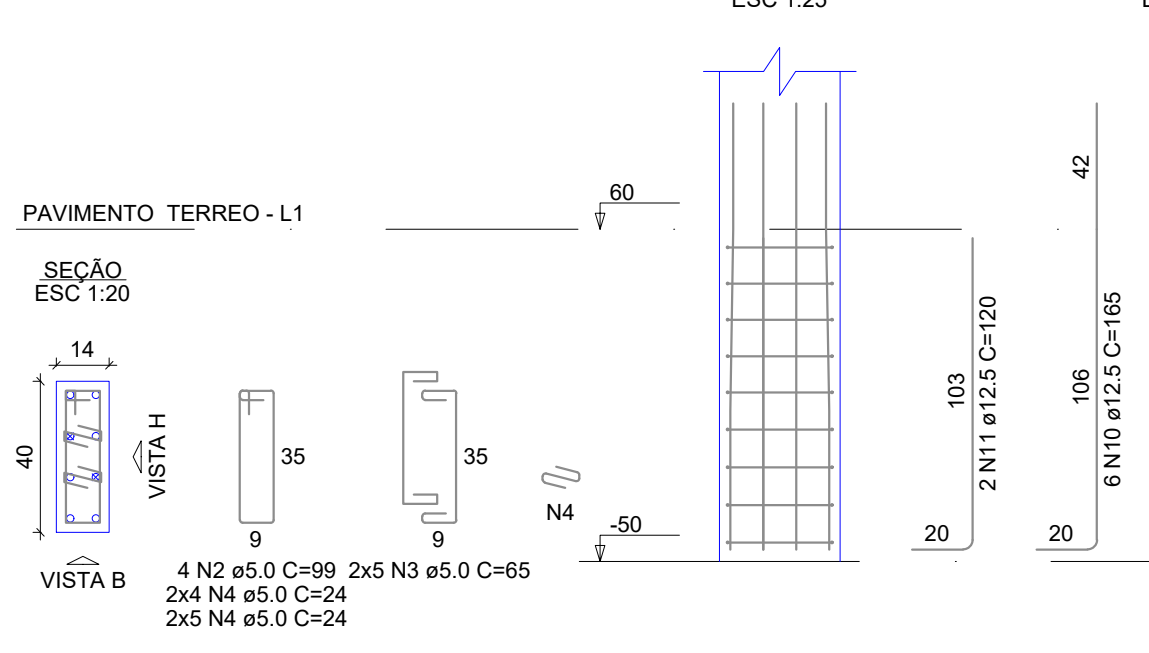
P33



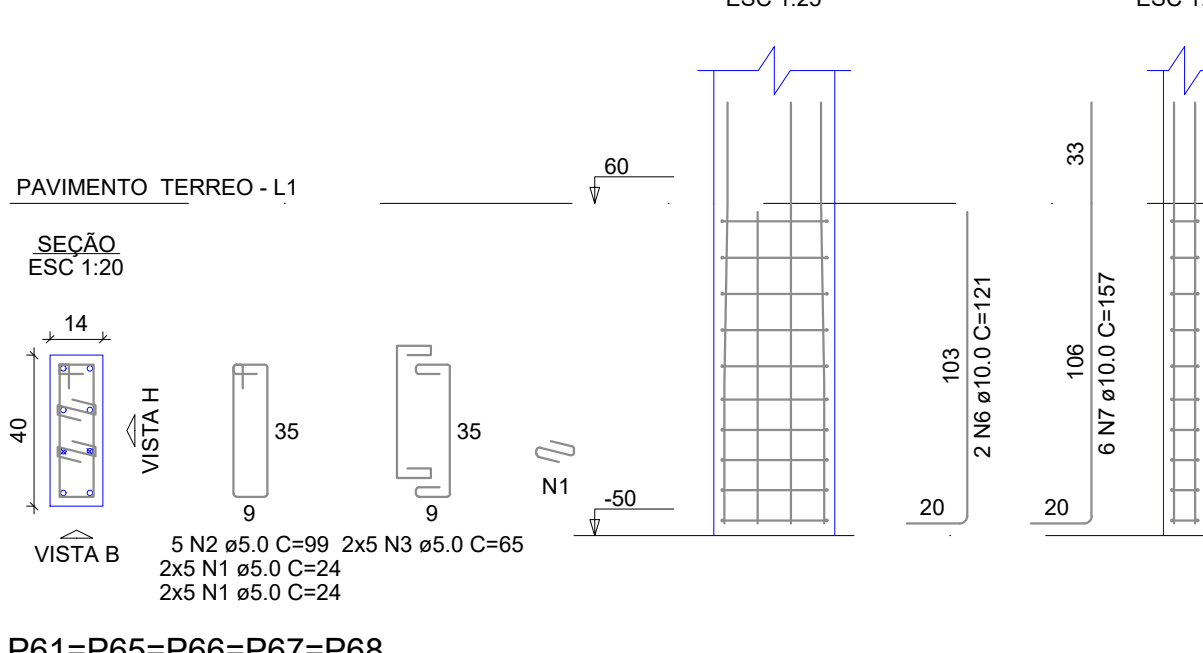
P46



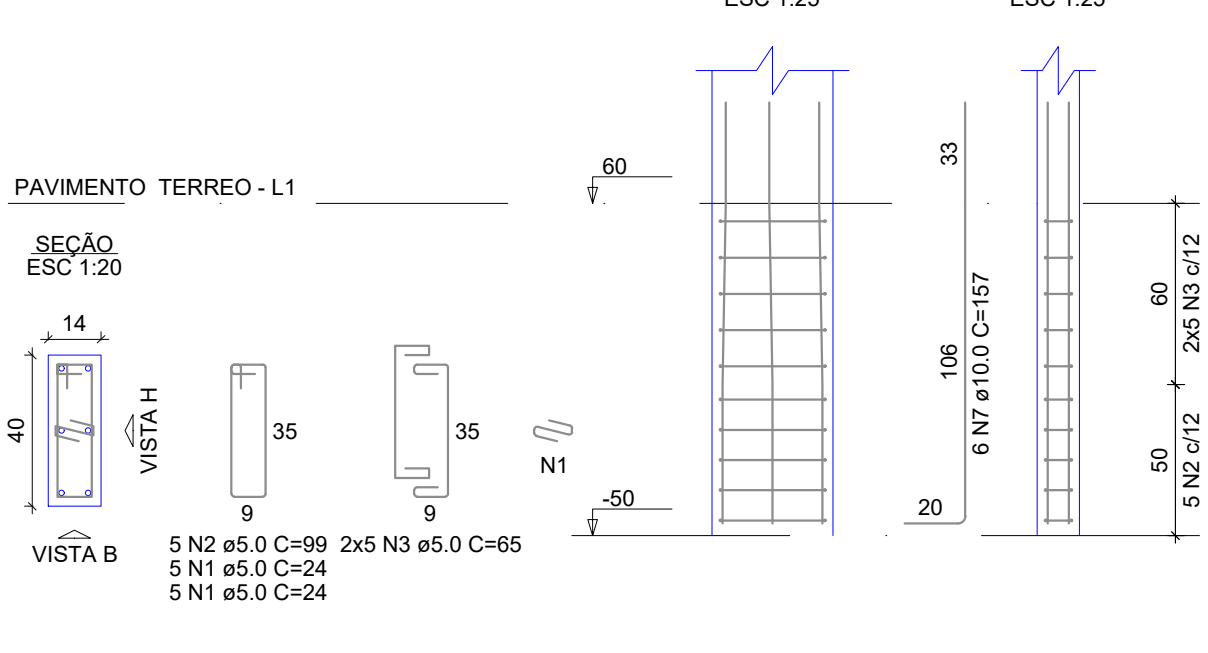
P52



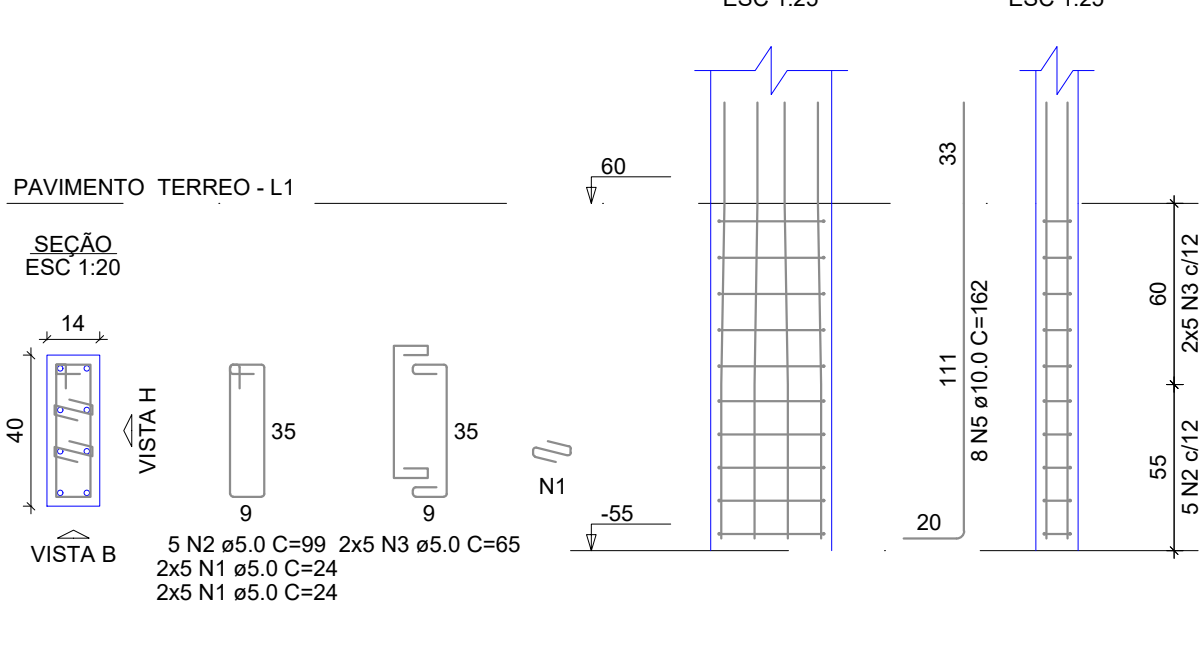
P53



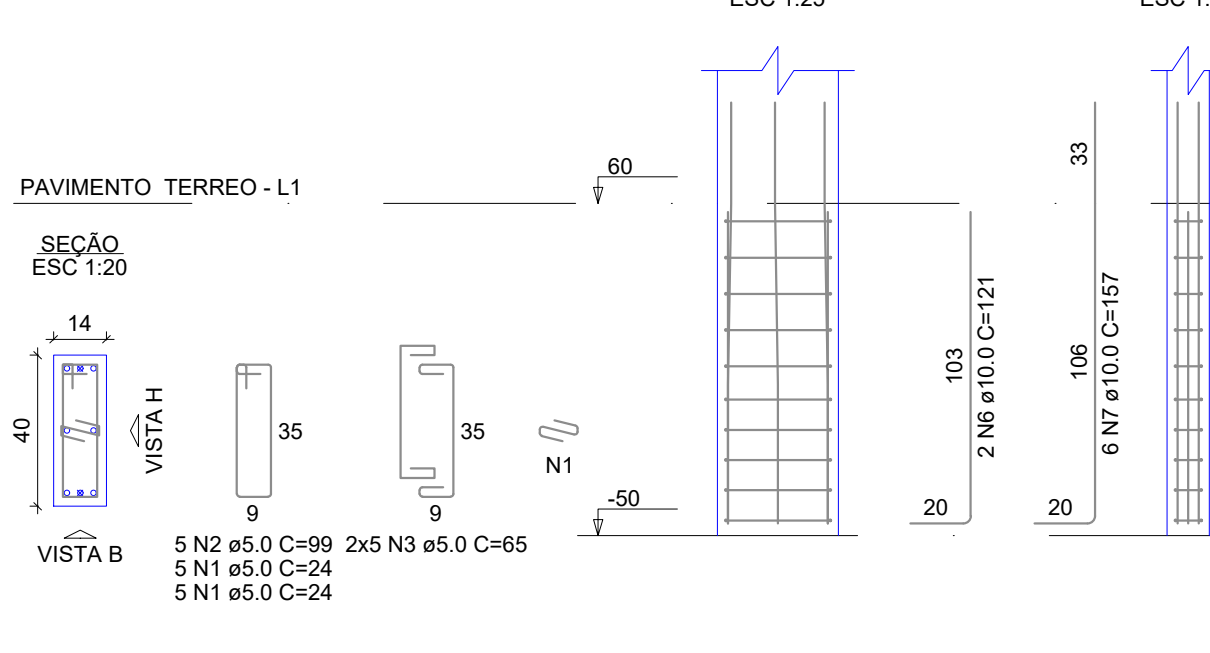
P54=P60



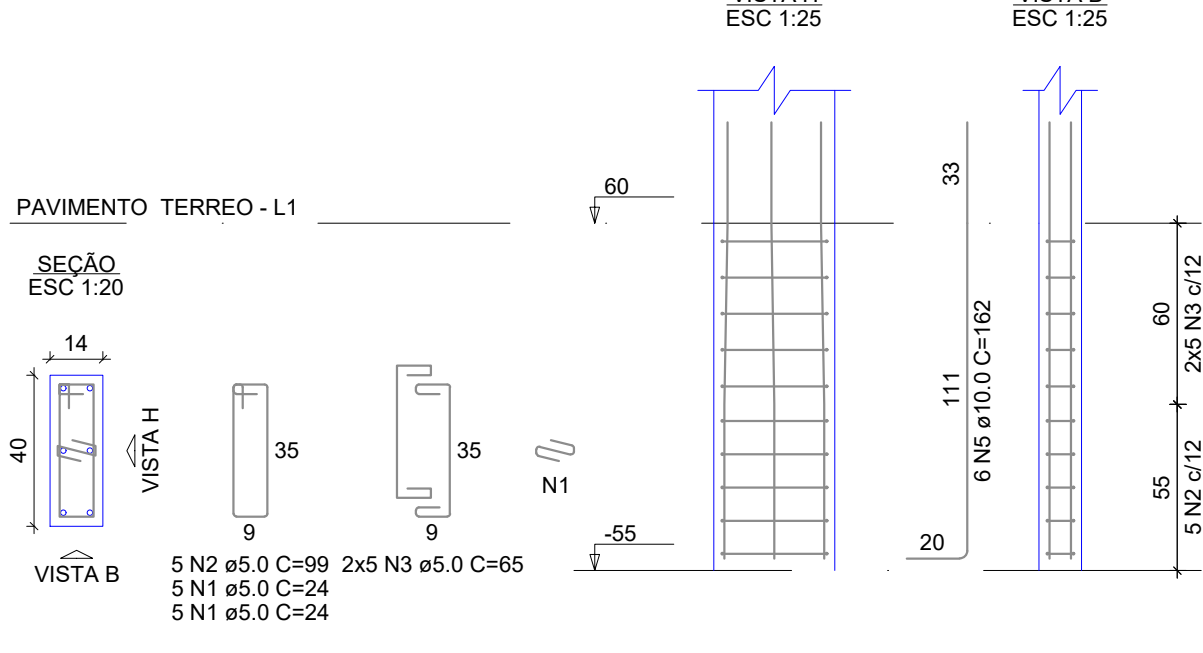
P58



P59



P61=P65=P66=P67=P68



RELAÇÃO DO AÇO					
34xP1		4xP3		2xP4	
14xP7		P8		P33	
P46		P52		P53	
2xP54		P58		P59	
5xP61					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	767	24	18408
	2	5.0	375	99	37125
	3	5.0	678	65	44070
CA50	4	5.0	27	24	648
	5	10.0	248	162	40176
	6	10.0	12	121	1452
	7	10.0	148	157	23236
	8	10.0	8	126	1008
	9	12.5	6	83	498
	10	12.5	12	165	1980
	11	12.5	2	120	240

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	658.7	446.7
CA60	12.5	27.2	28.8
CA60	5.0	1002.5	170
PESO TOTAL (kg)			
CA50	475.5		
CA60	170		
Volume de concreto (C-30) = 3.05 m³			
Área de forma = 58.75 m²			