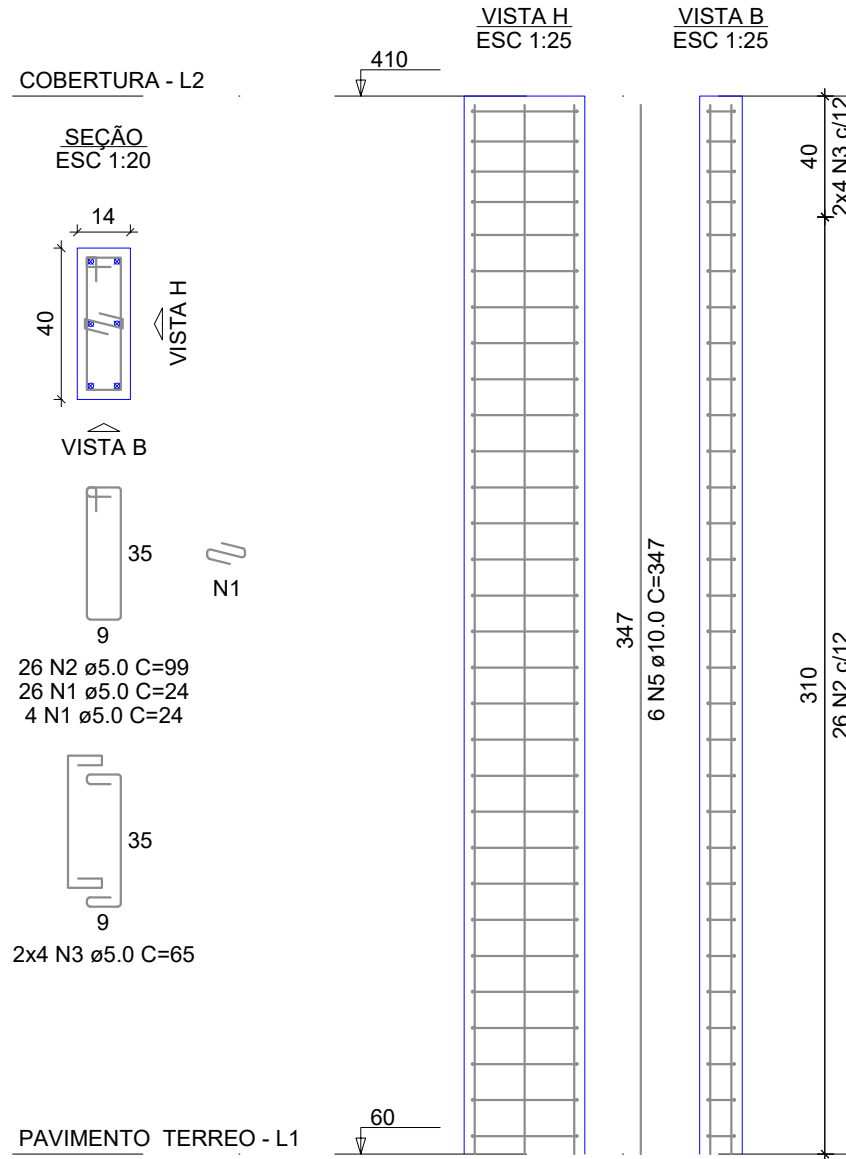
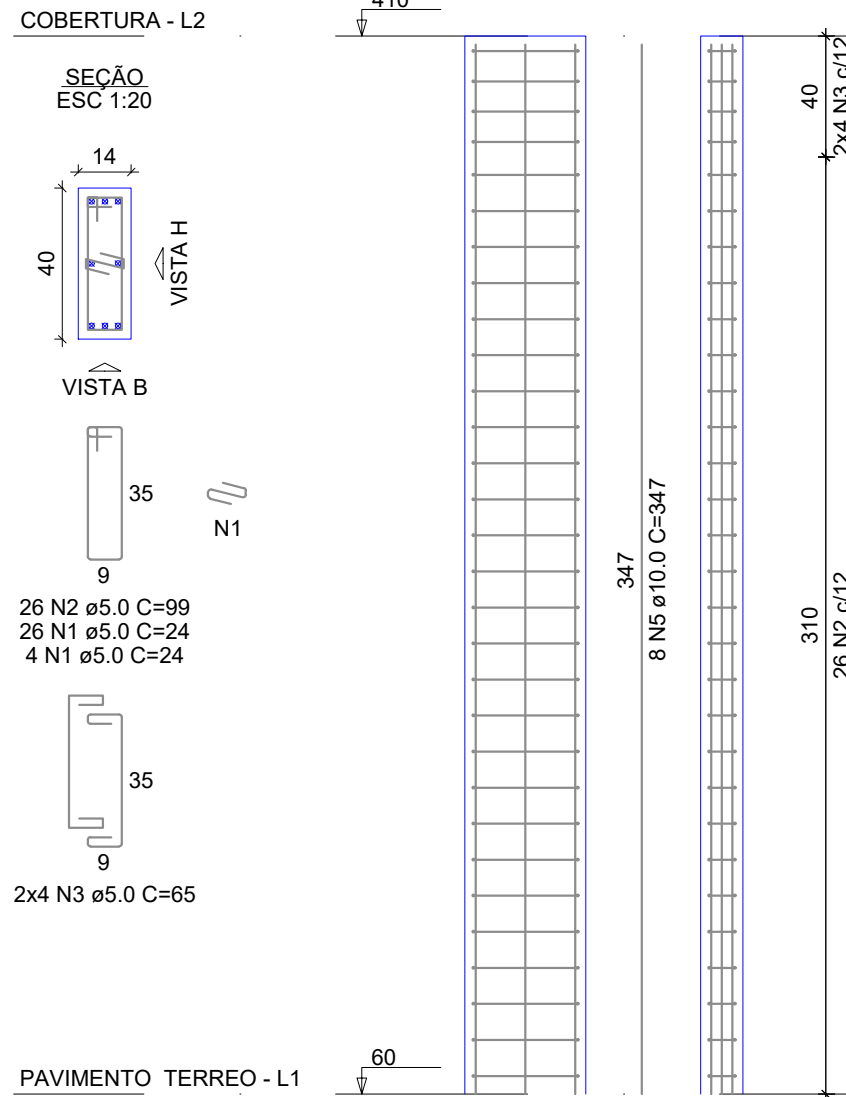


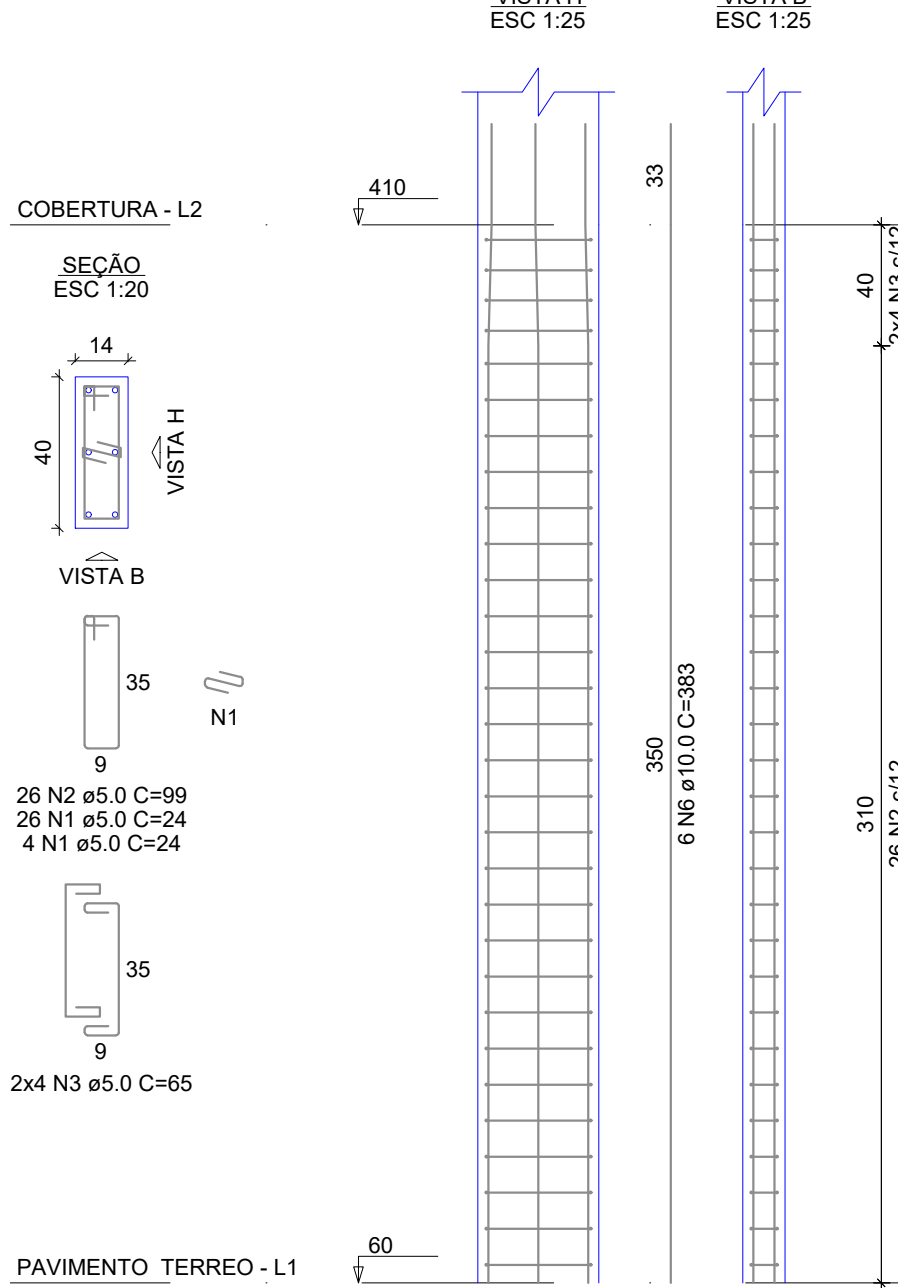
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=P11=P12=P13=P14=P15=P16=  
=P17=P18=P19=P20=P21=P22=  
=P23=P24=P25=P26=P27=P30=  
=P31=P32=P34=P35=P36=P39=  
=P40=P42=P43=P44=P45=P46=  
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=P55=P56=P57=P61=P62=P63=  
=P64



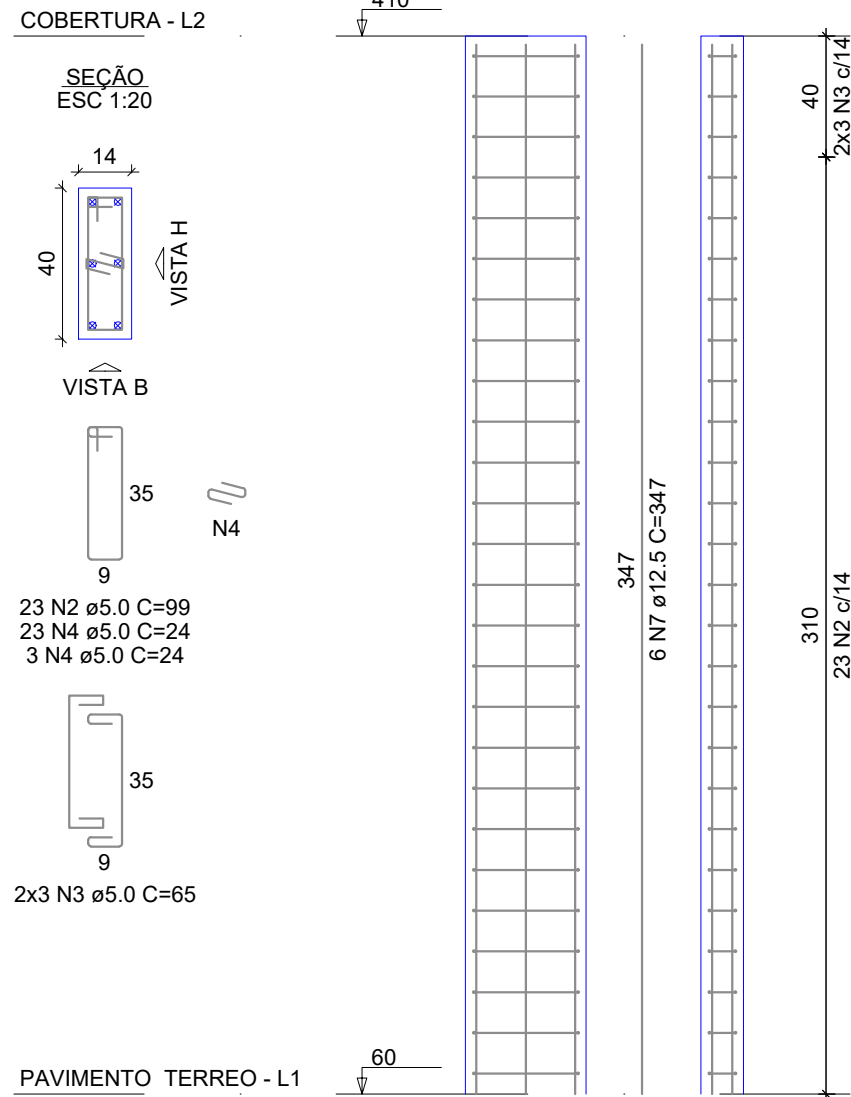
P4=P41



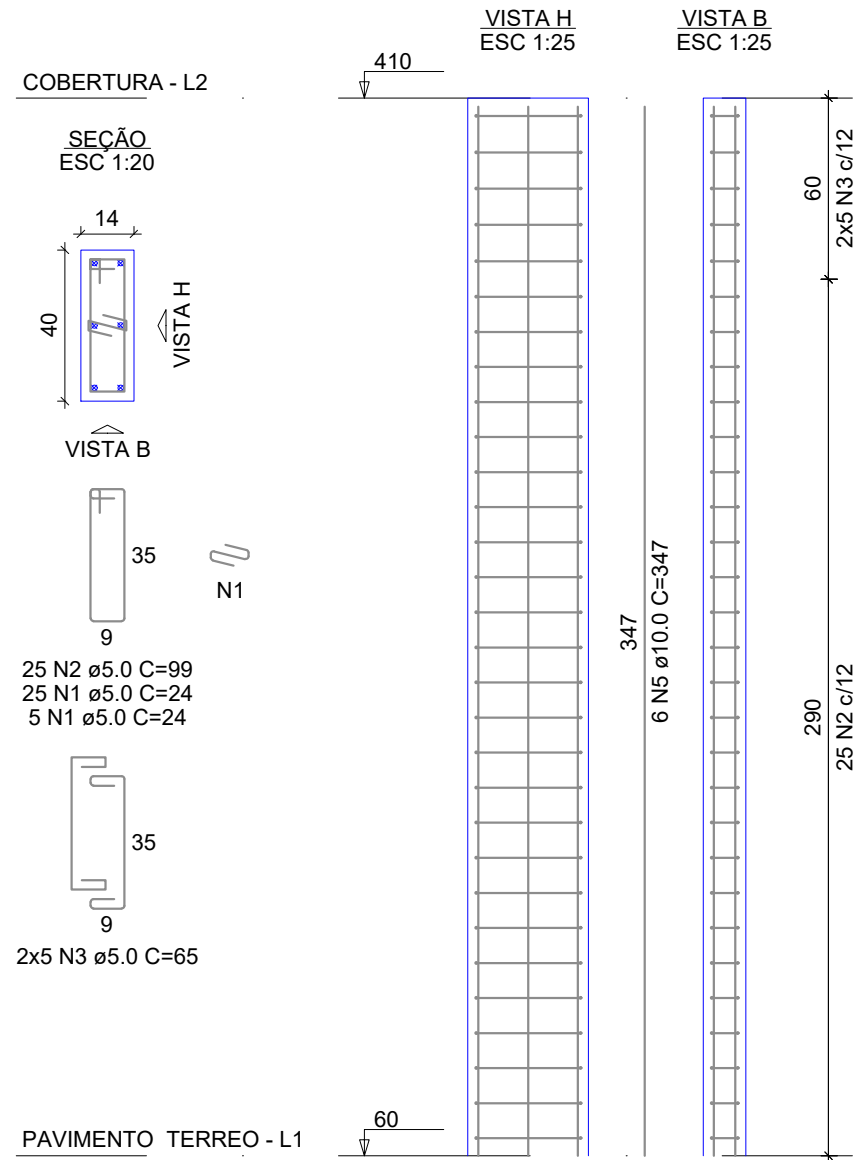
P28=P29=P37=P38



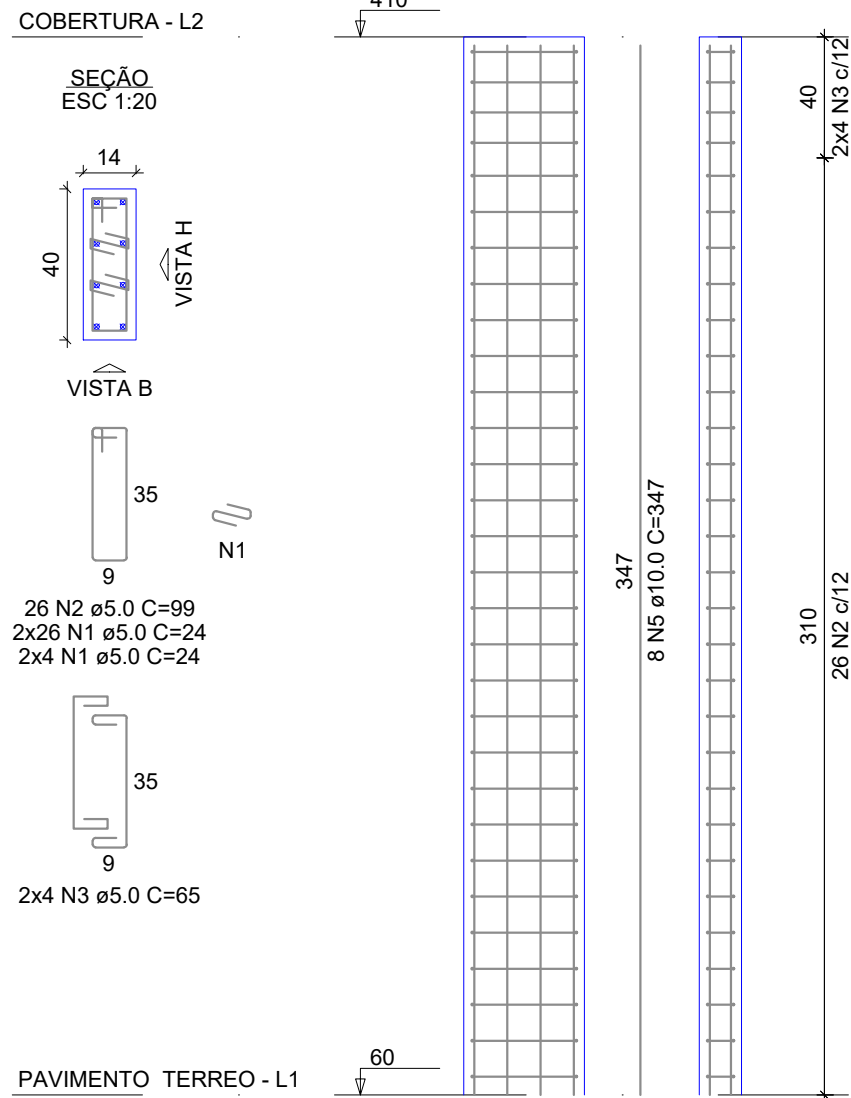
P33



P52=P53=P59=P60=P65=P66=P67=  
=P68



P58



RELAÇÃO DO AÇO					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2040	24	48960
	2	5.0	1757	99	173943
	3	5.0	558	65	36270
	4	5.0	26	24	624
CA50	5	10.0	384	347	133248
	6	10.0	24	383	9192
	7	12.5	6	347	2082

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	1424.4	966
CA60	12.5	20.8	22.1
CA60	5.0	2598	440.5
PESO TOTAL (kg)			
CA50	988.1		
CA60	440.5		

Volume de concreto (C-30) = 13.33 m³  
Área de forma = 257.04 m²