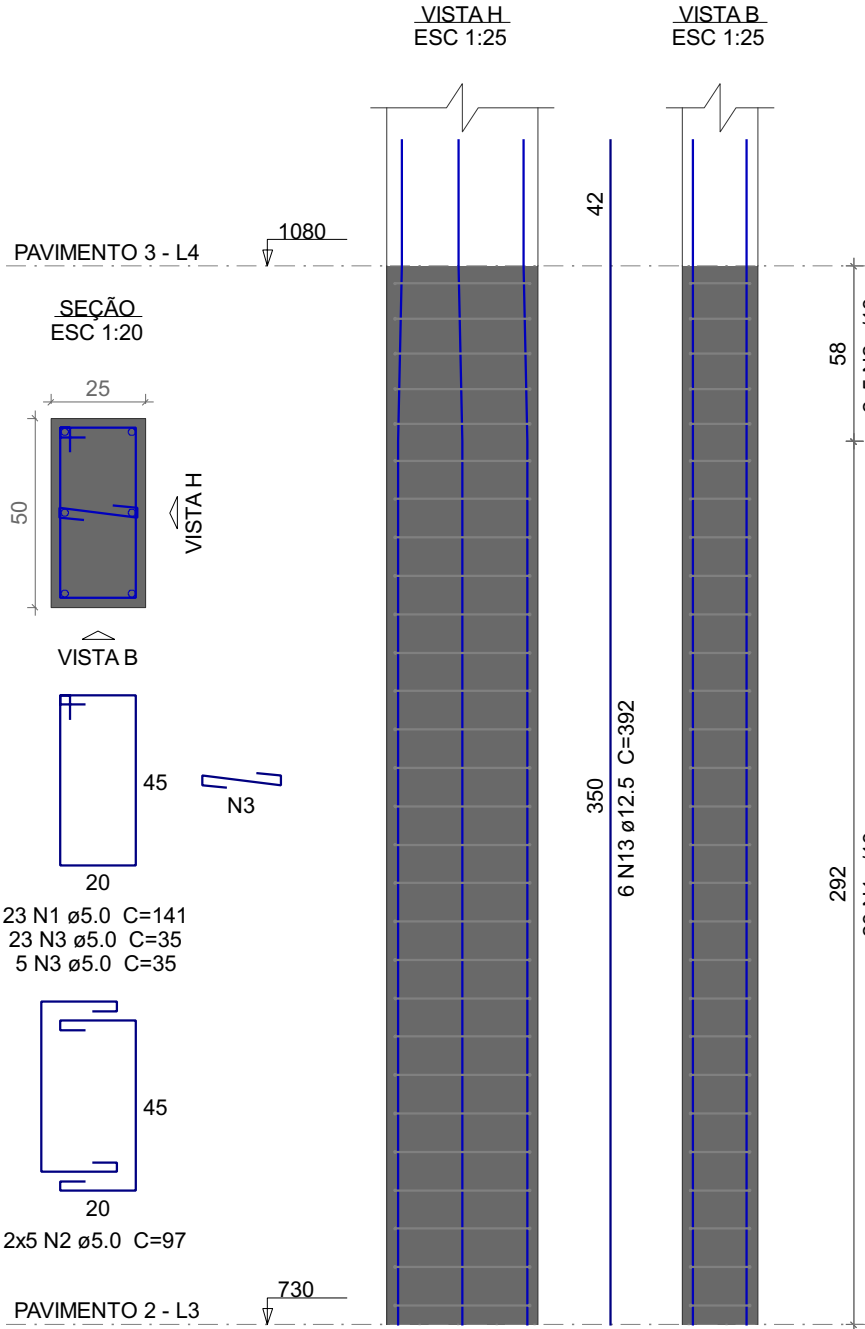
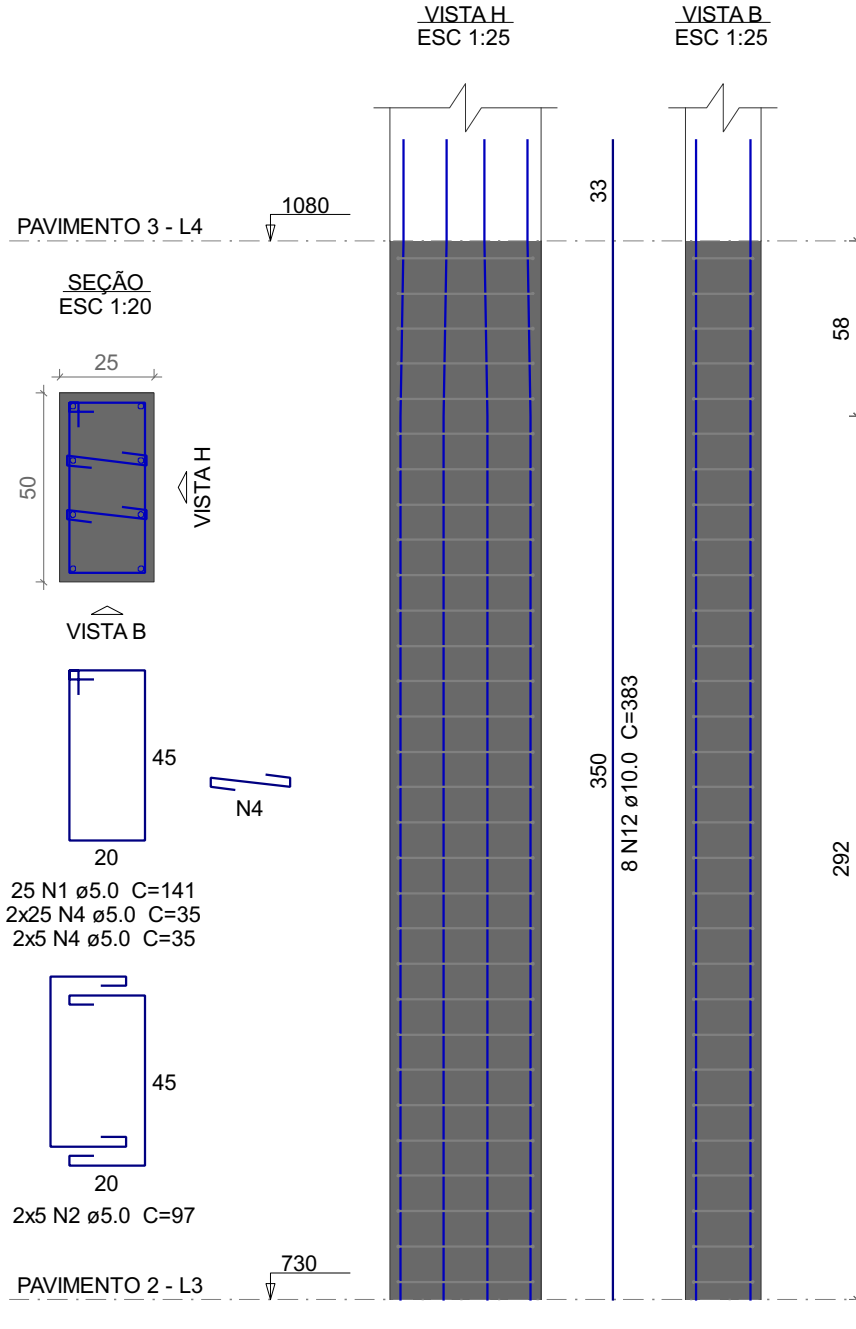


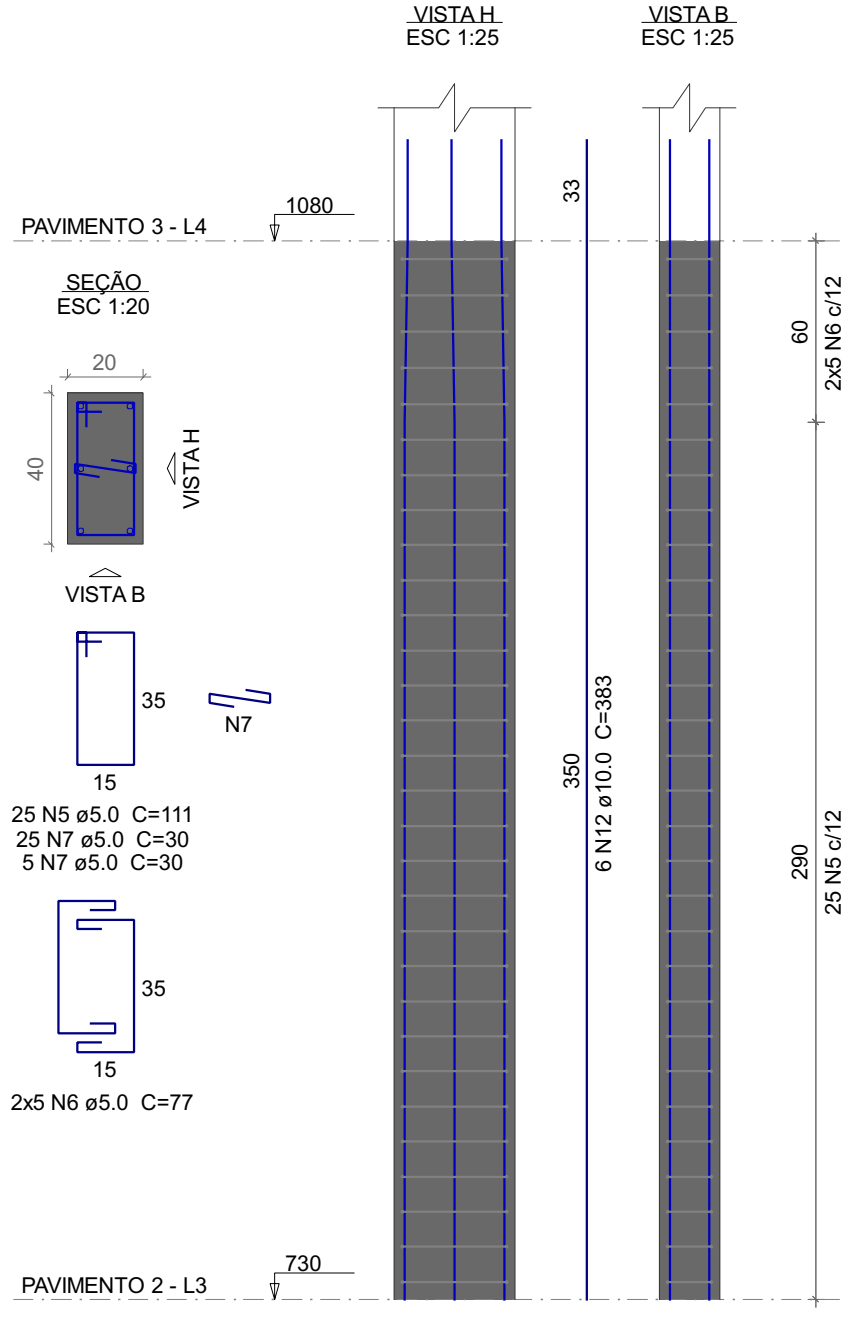
P1=P2=P38=P54



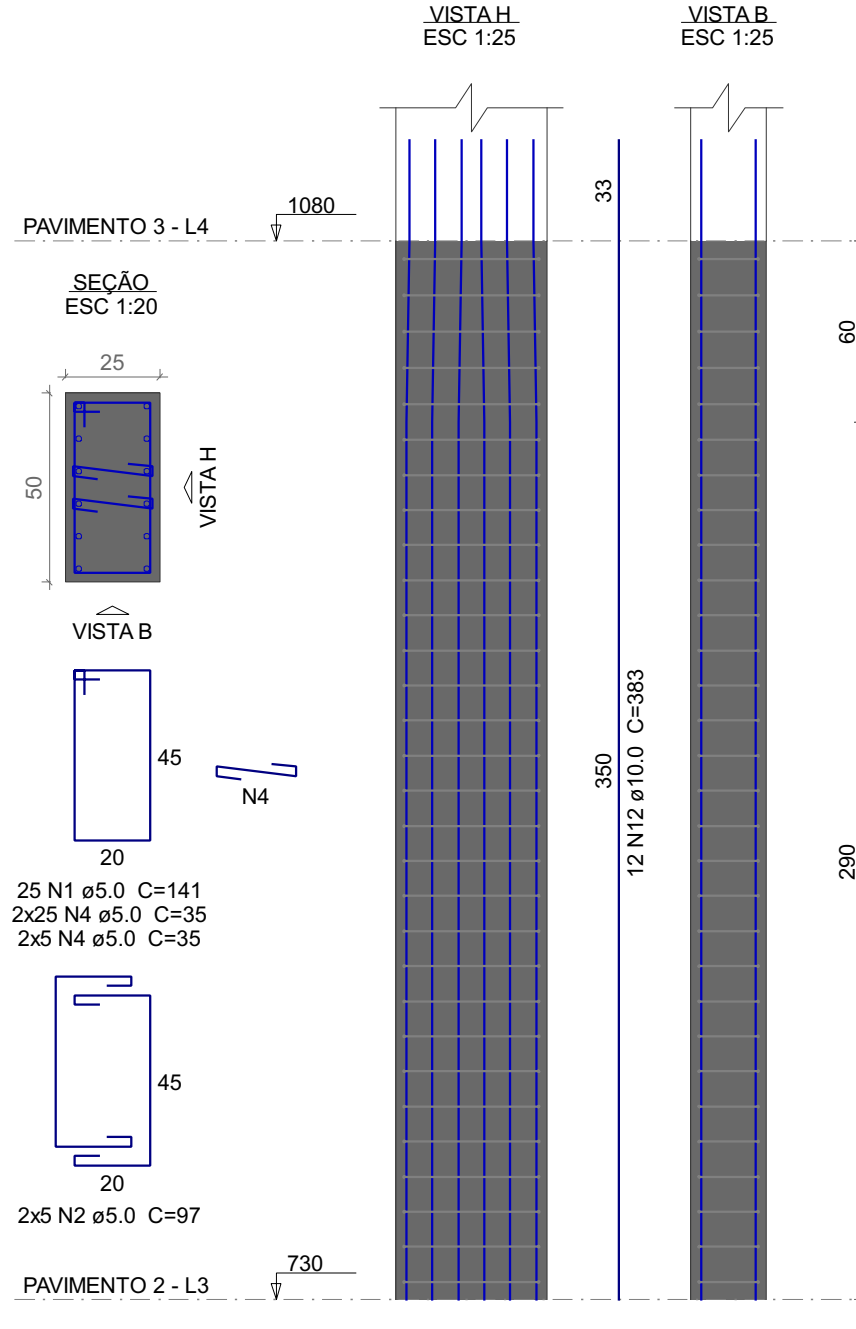
P3=P4=P5=P14=P50=P53



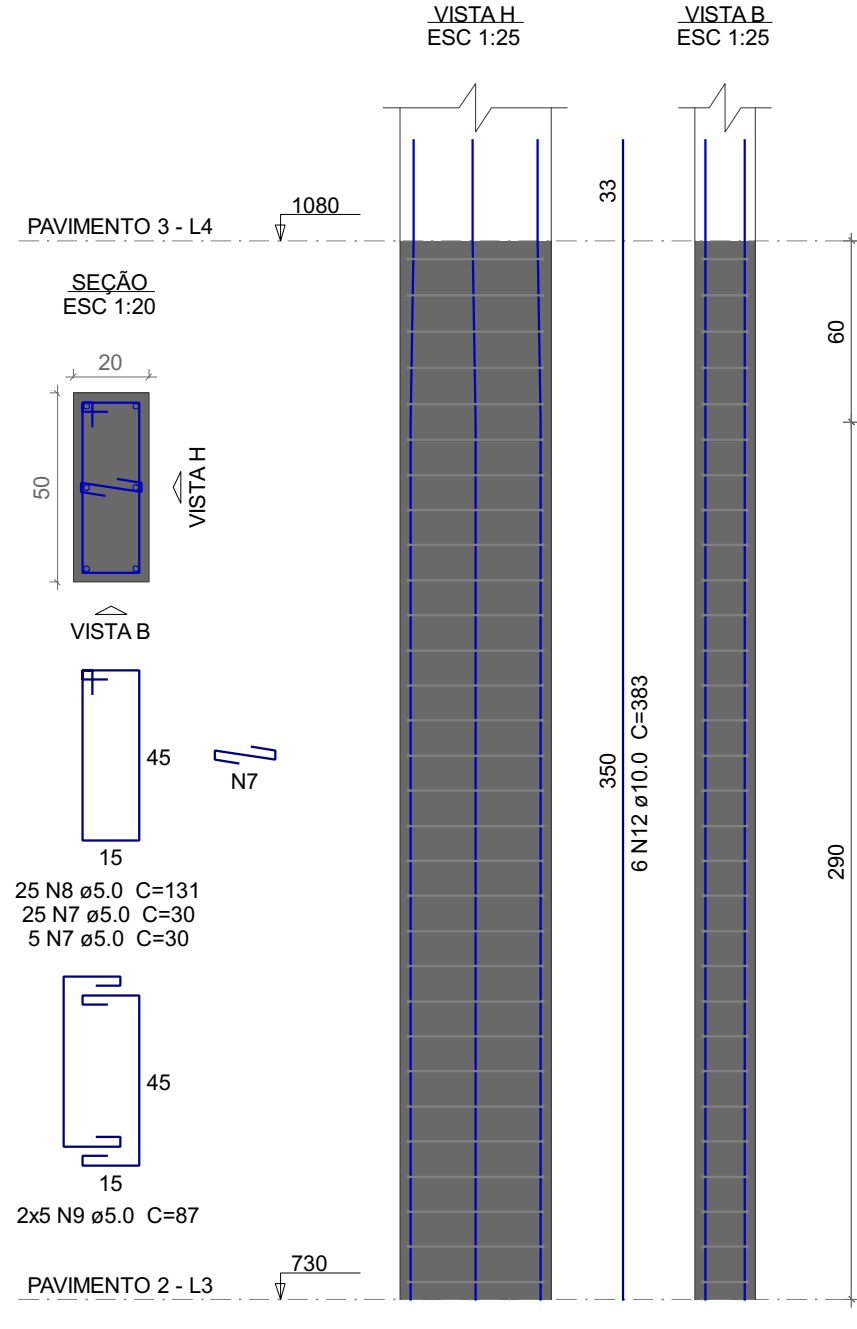
P6=P7=P8=P9=P13



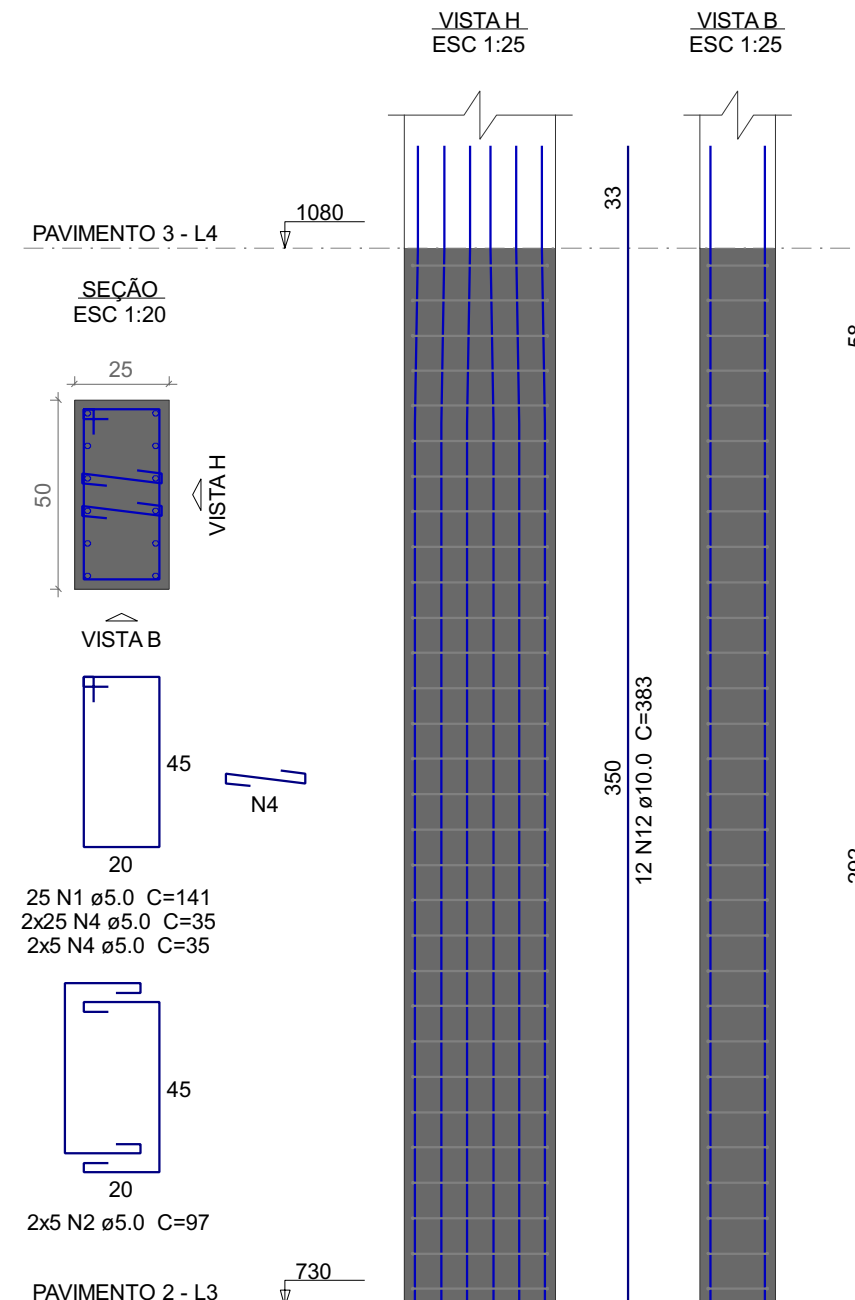
P10=P19=P29=P32



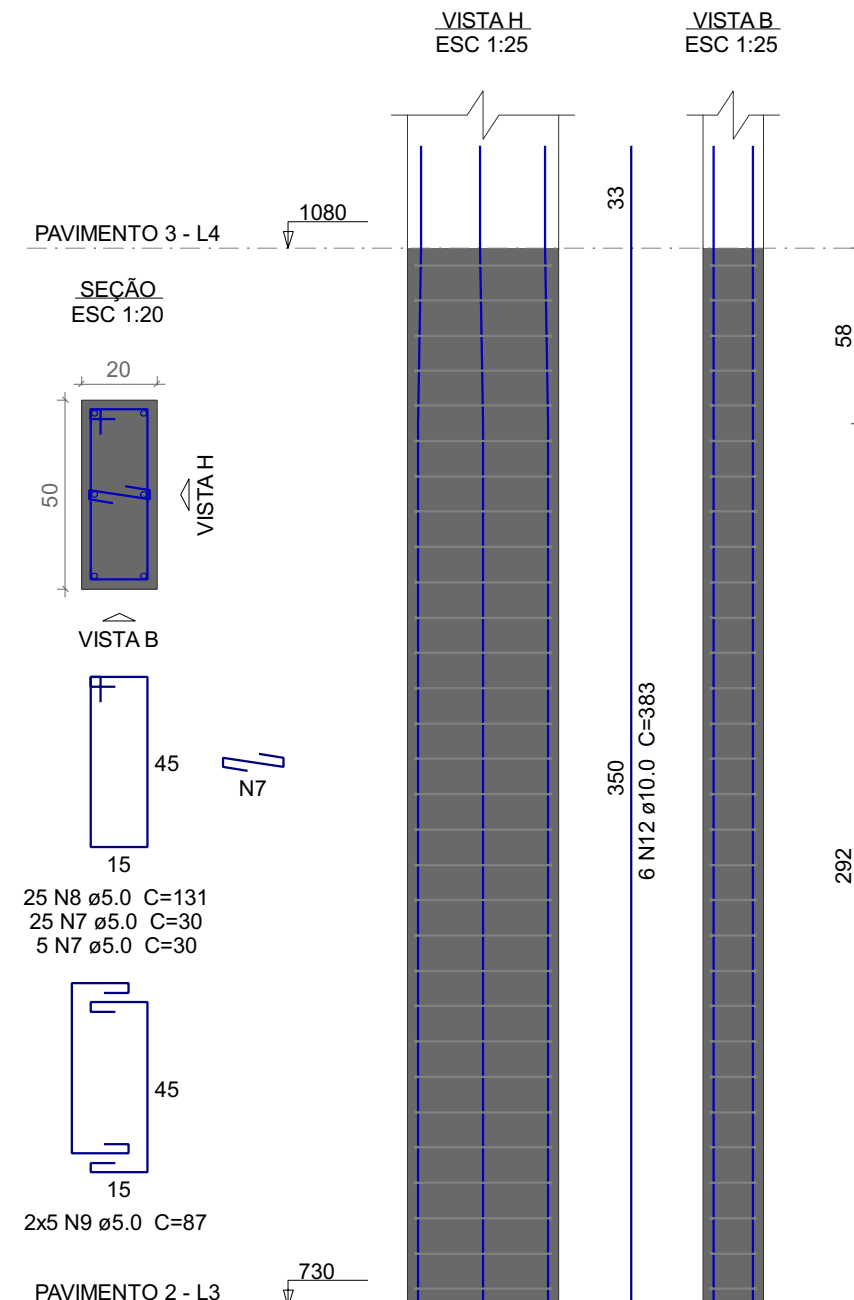
P11=P12=P20=P21=P30=P31



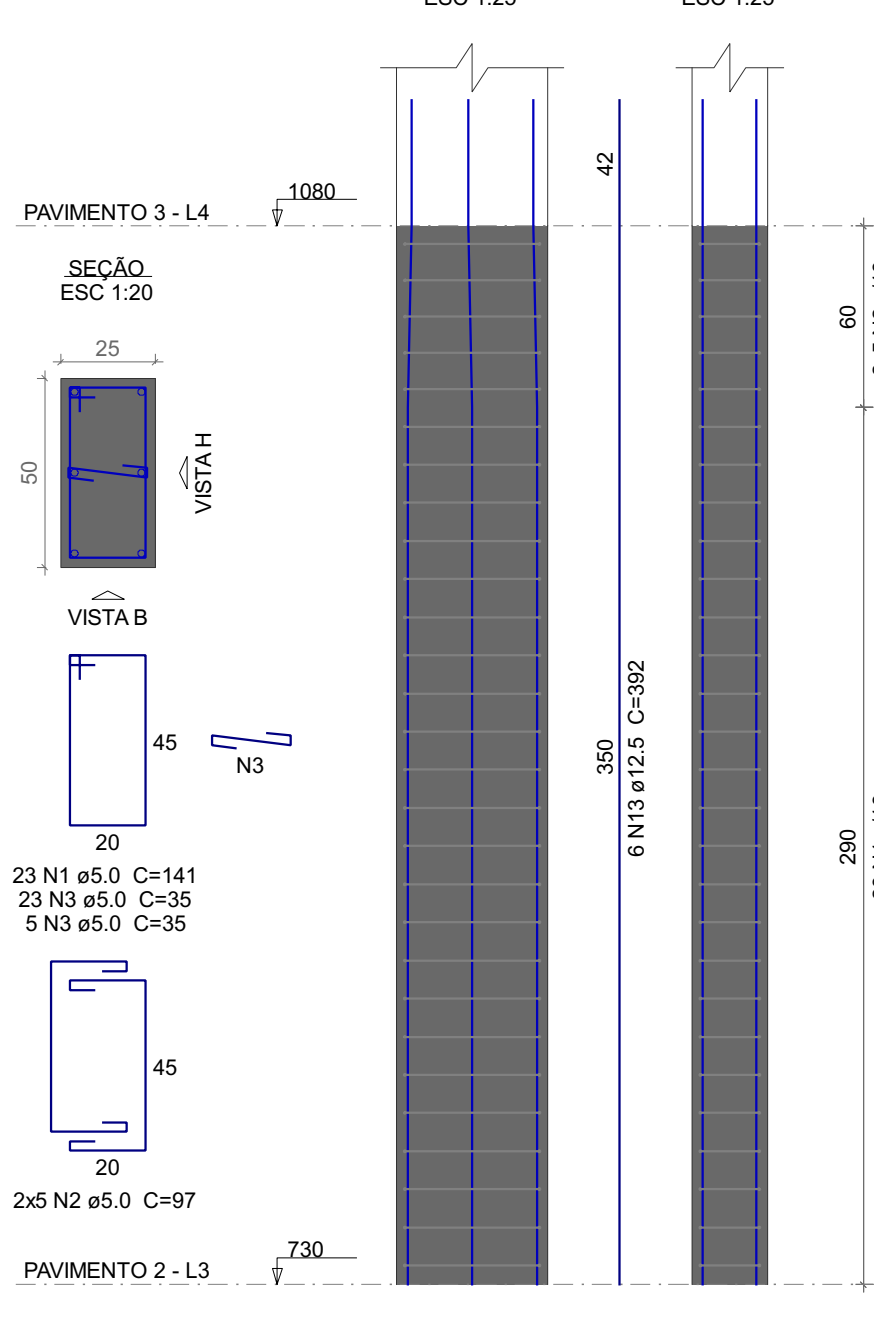
P15=P18=P23=P26=P35=P39=
=P42=P43=P46



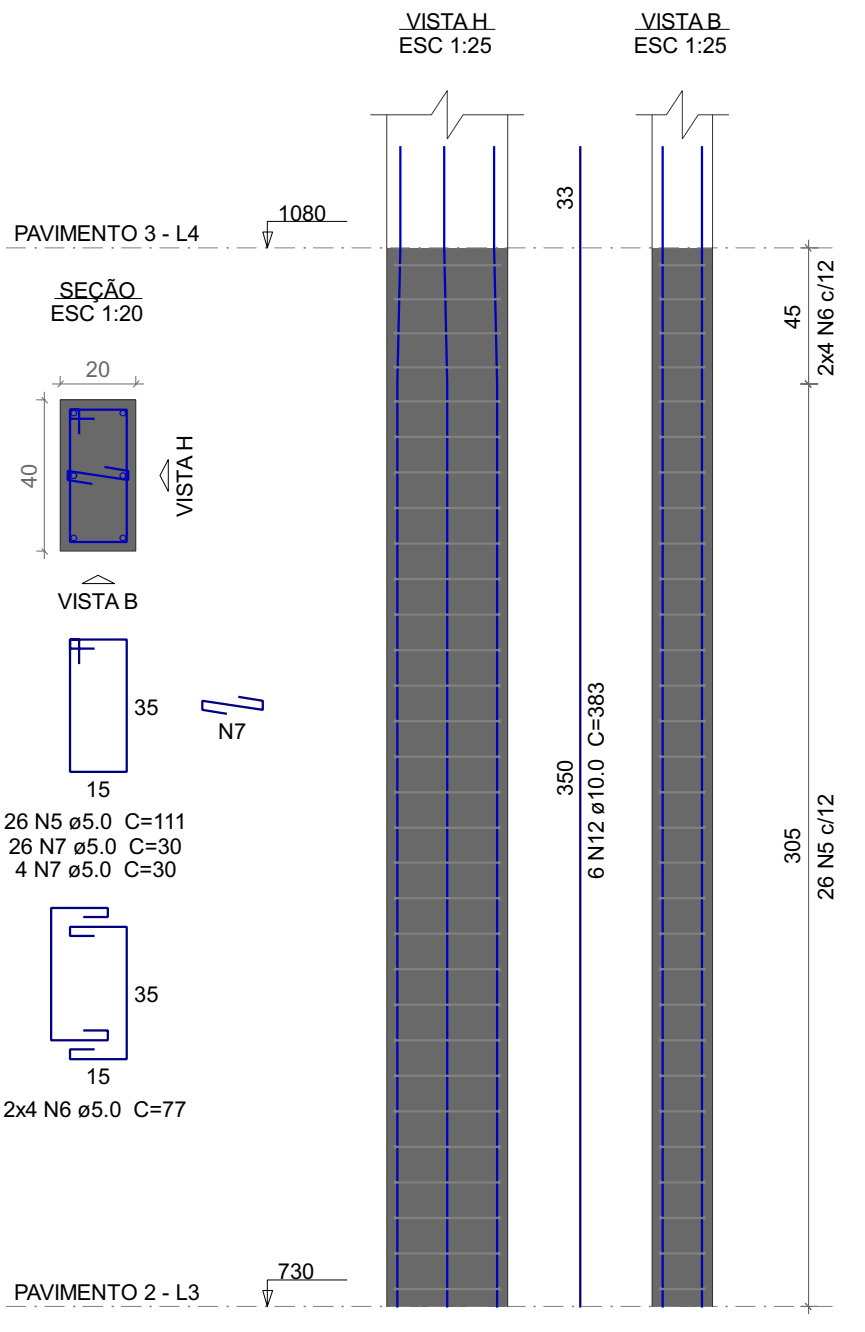
P16=P17=P24=P25=P36=P37=
=P40=P41=P44=P45



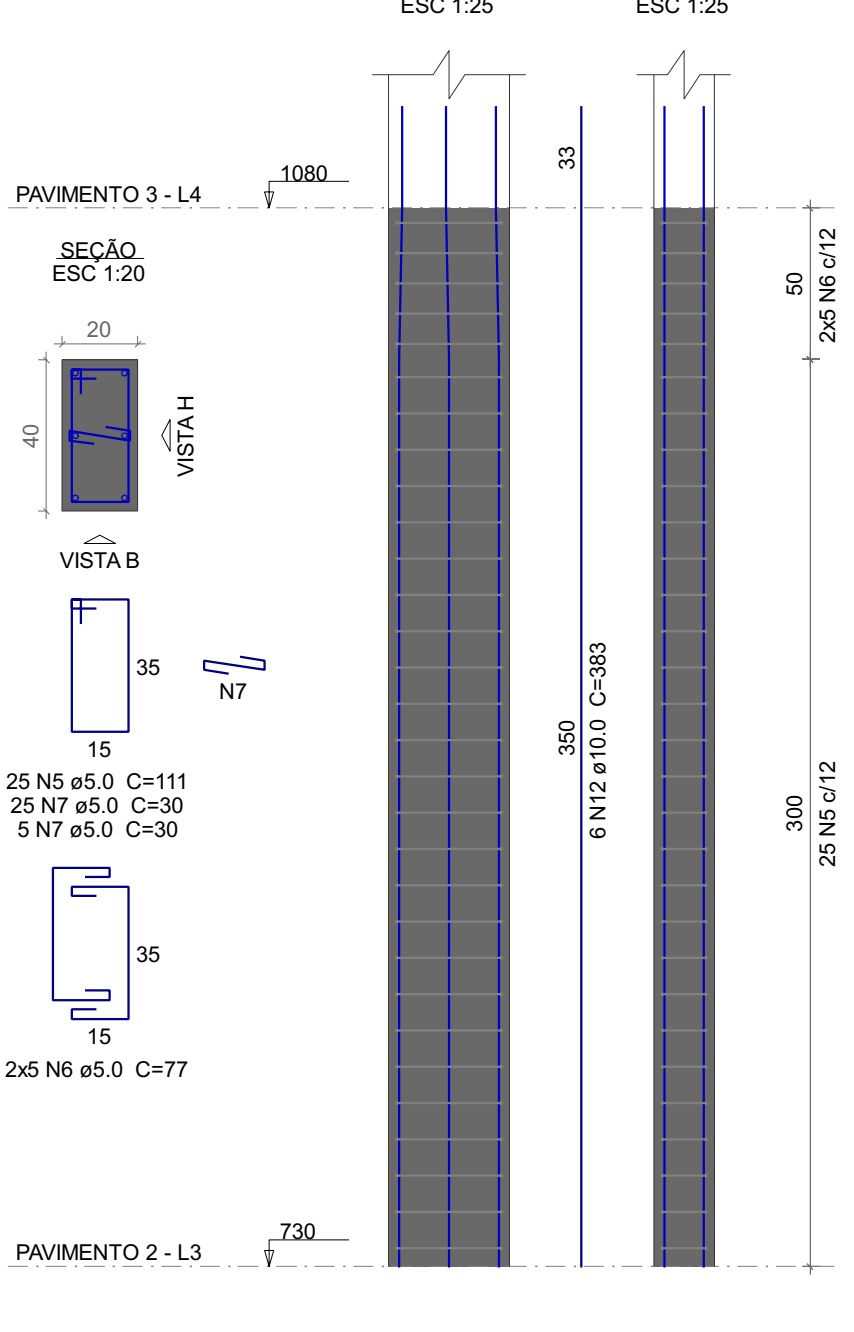
P22



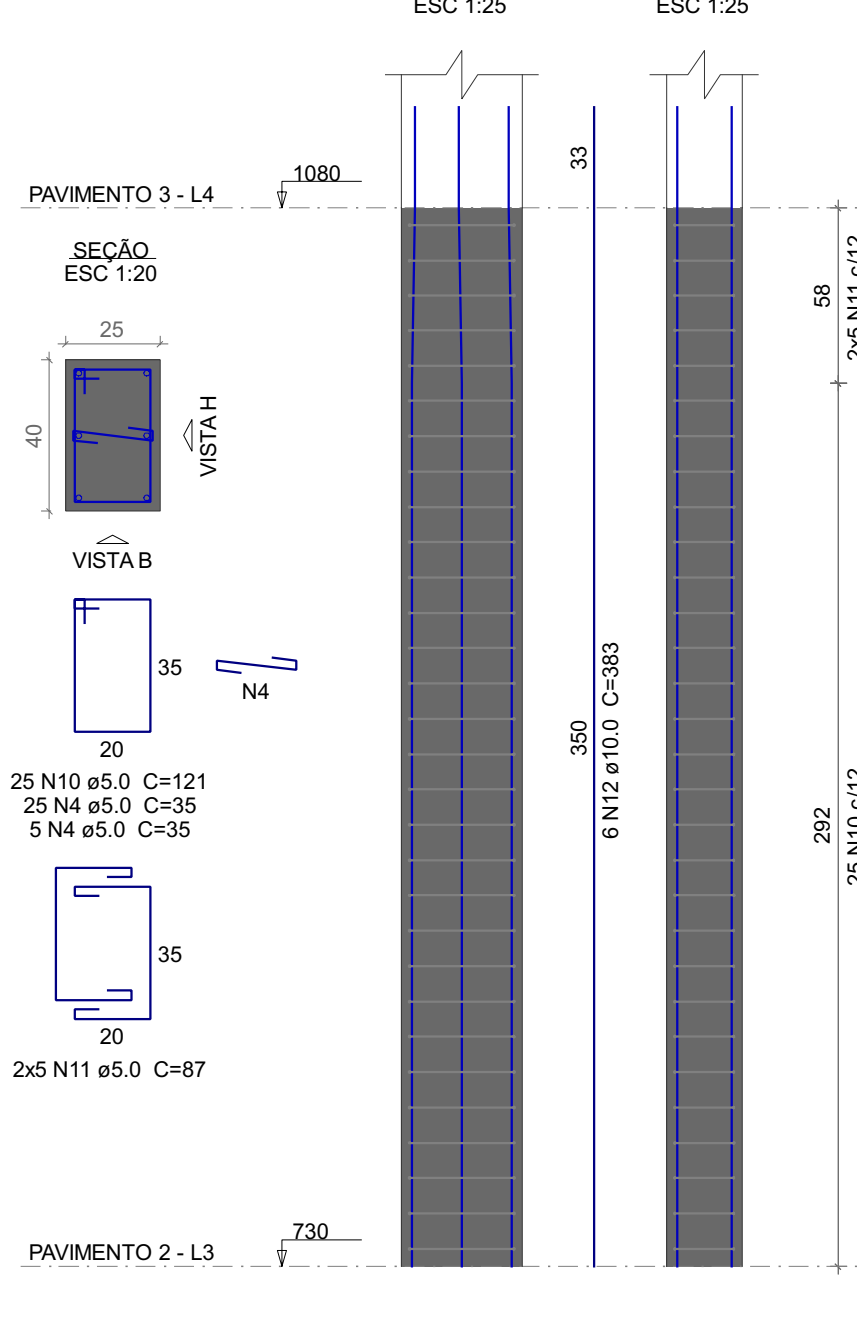
P27=P28=P33=P34=P47=P49



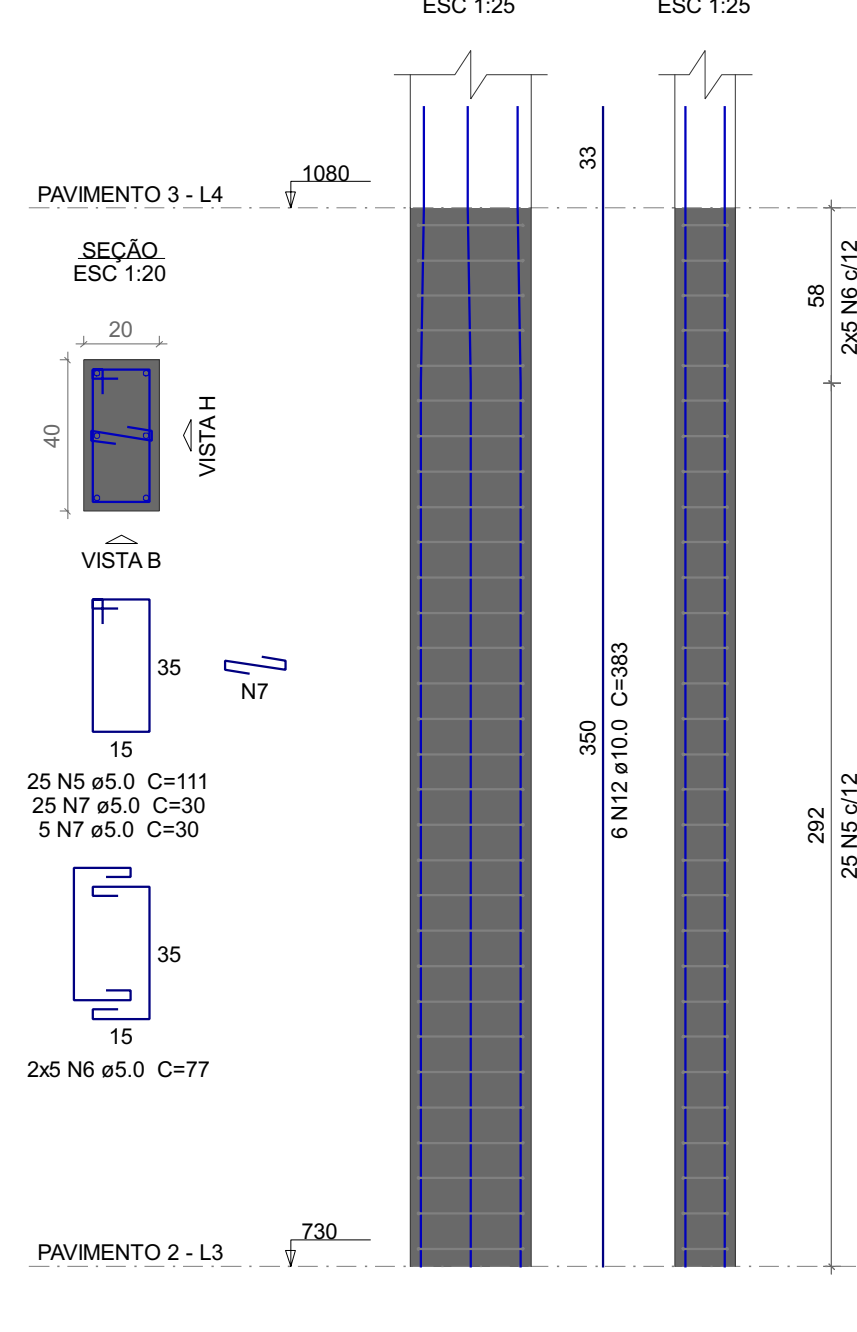
P48



P51



P52



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
4xP1	6xP3	5xP6			
4xP10	6xP11	9xP15			
10xP16	P22	6xP27			
P48	P51	P52			
CA60	1	5.0	590	141	83190
	2	5.0	240	97	23280
	3	5.0	140	35	4900
	4	5.0	1170	35	40950
	5	5.0	331	111	36741
	6	5.0	118	77	9086
	7	5.0	870	30	26100
	8	5.0	400	131	52400
	9	5.0	160	87	13920
	10	5.0	25	121	3025
	11	5.0	10	87	870
CA50	12	10.0	384	383	147072
	13	12.5	30	392	11760

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1470.8	997.4
CA60	12.5	117.6	124.6
	5.0	2944.7	499.3
PESO TOTAL (kg)			
CA50	1122		
CA60	499.3		

Volume de concreto (C-30) = 20.09 m³
Área de forma = 263.55 m²