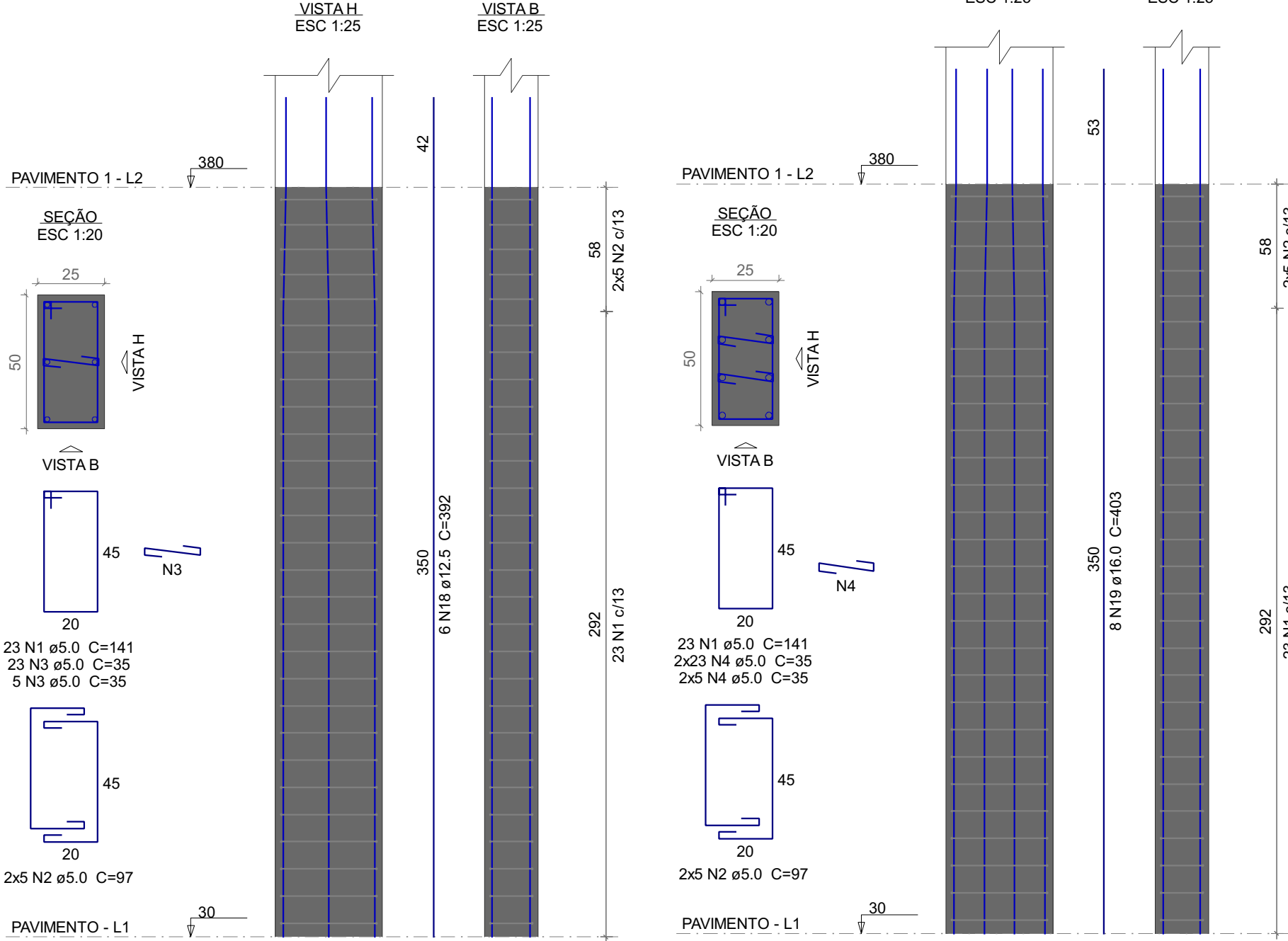
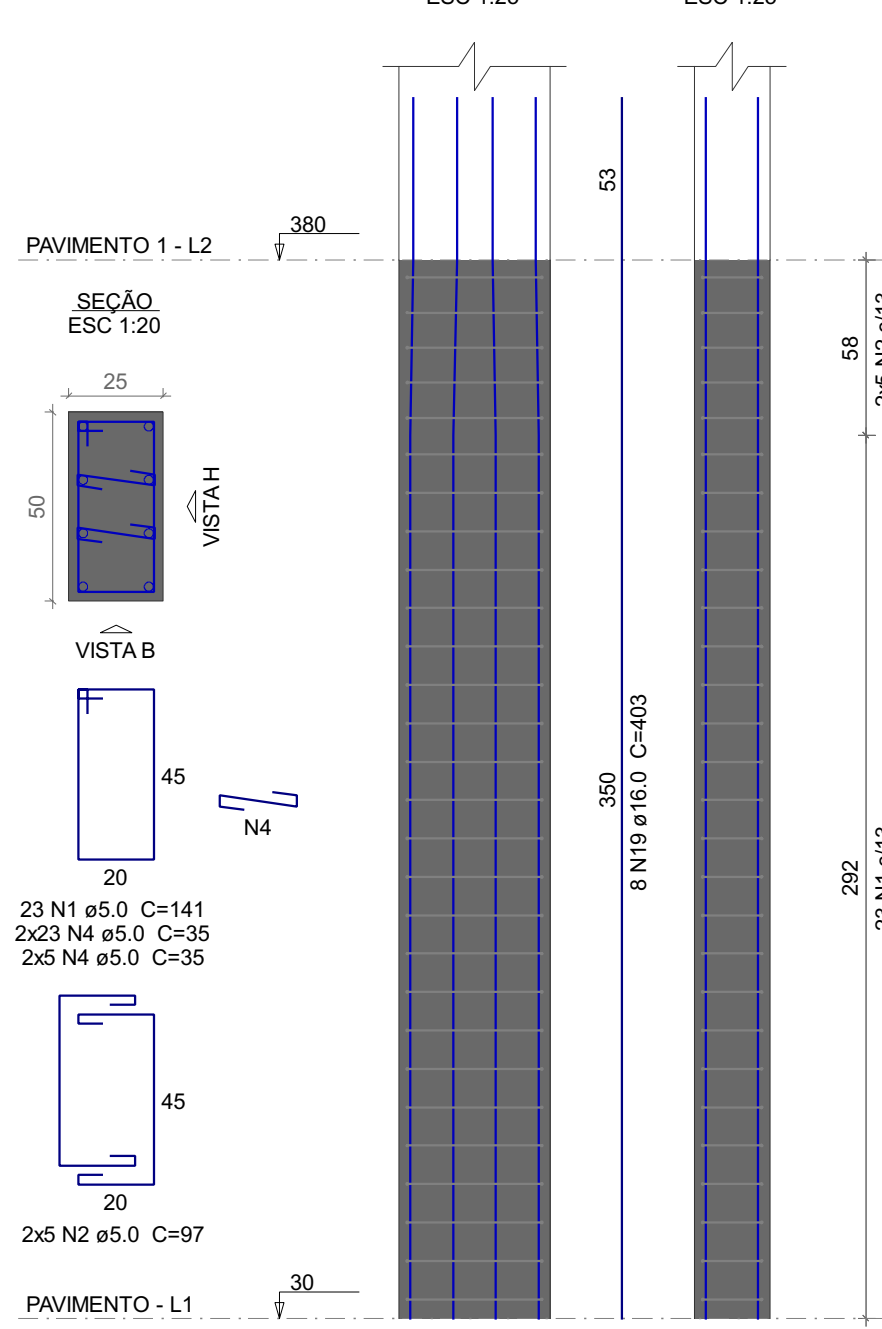


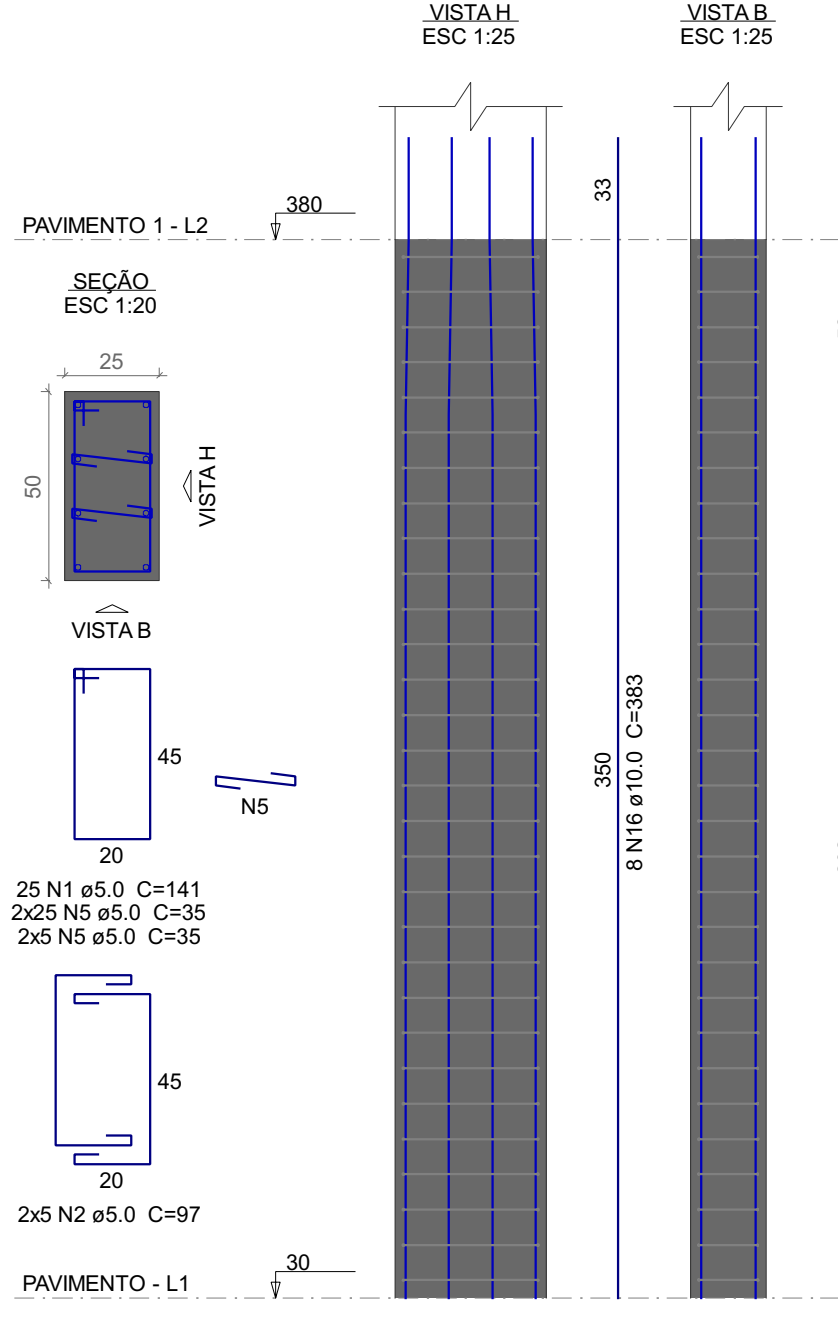
P1=P2=P54



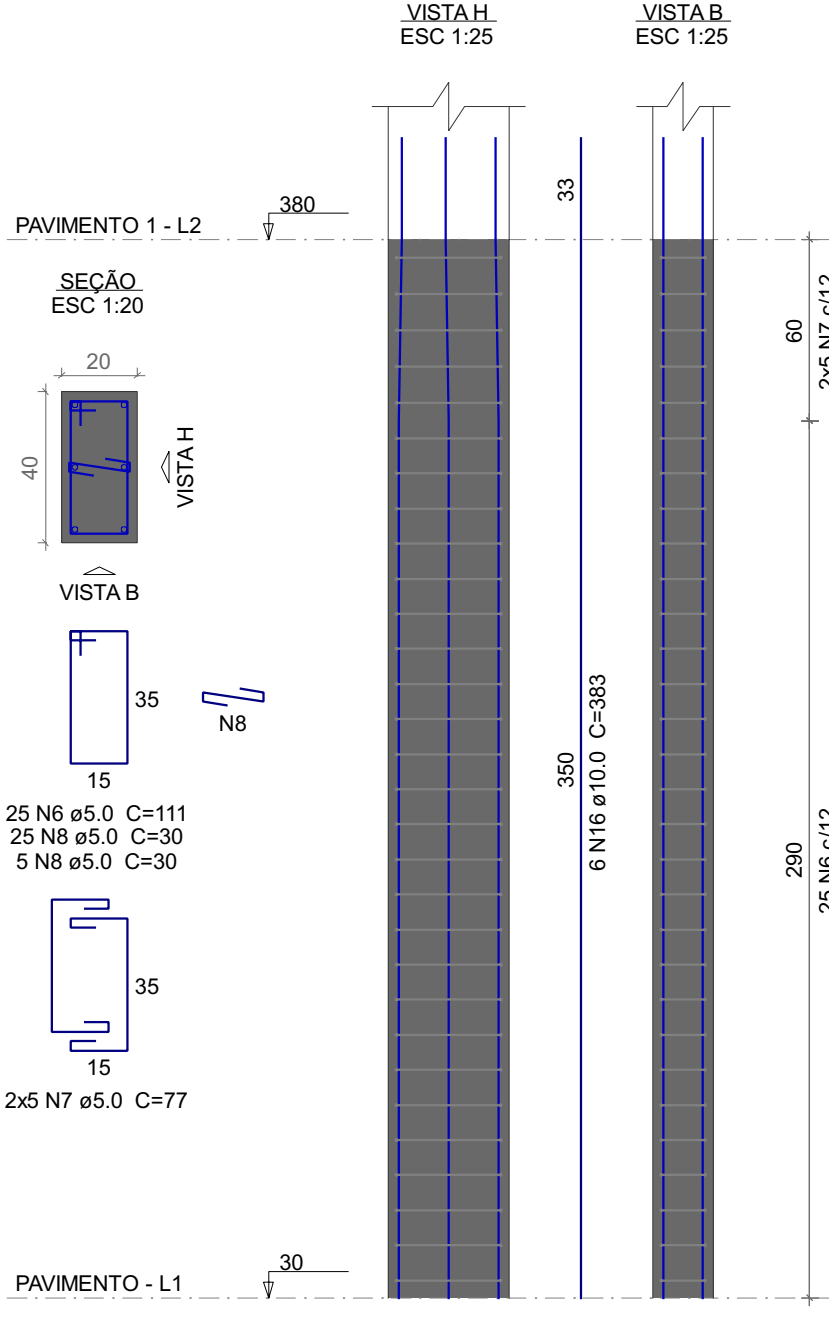
P3=P53



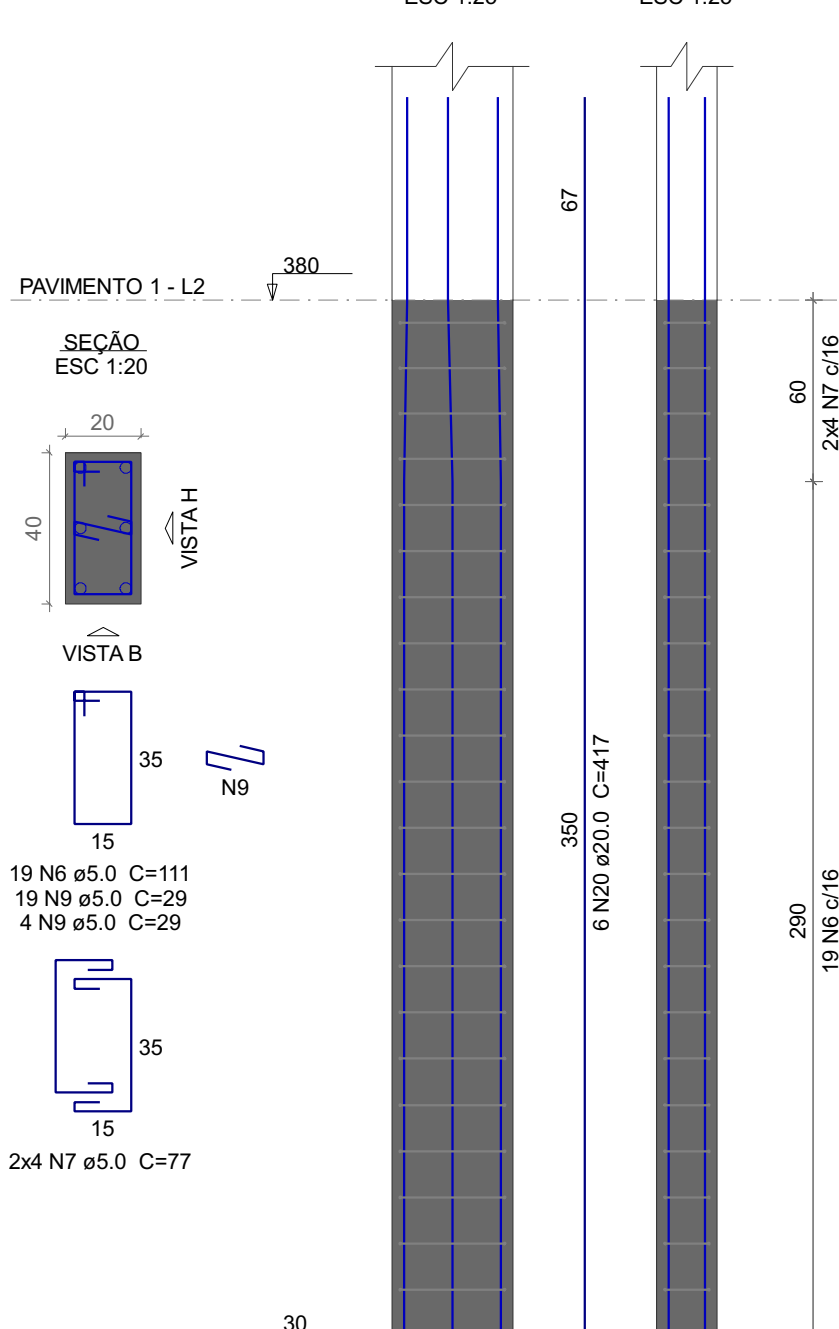
P4=P5=P14=P50



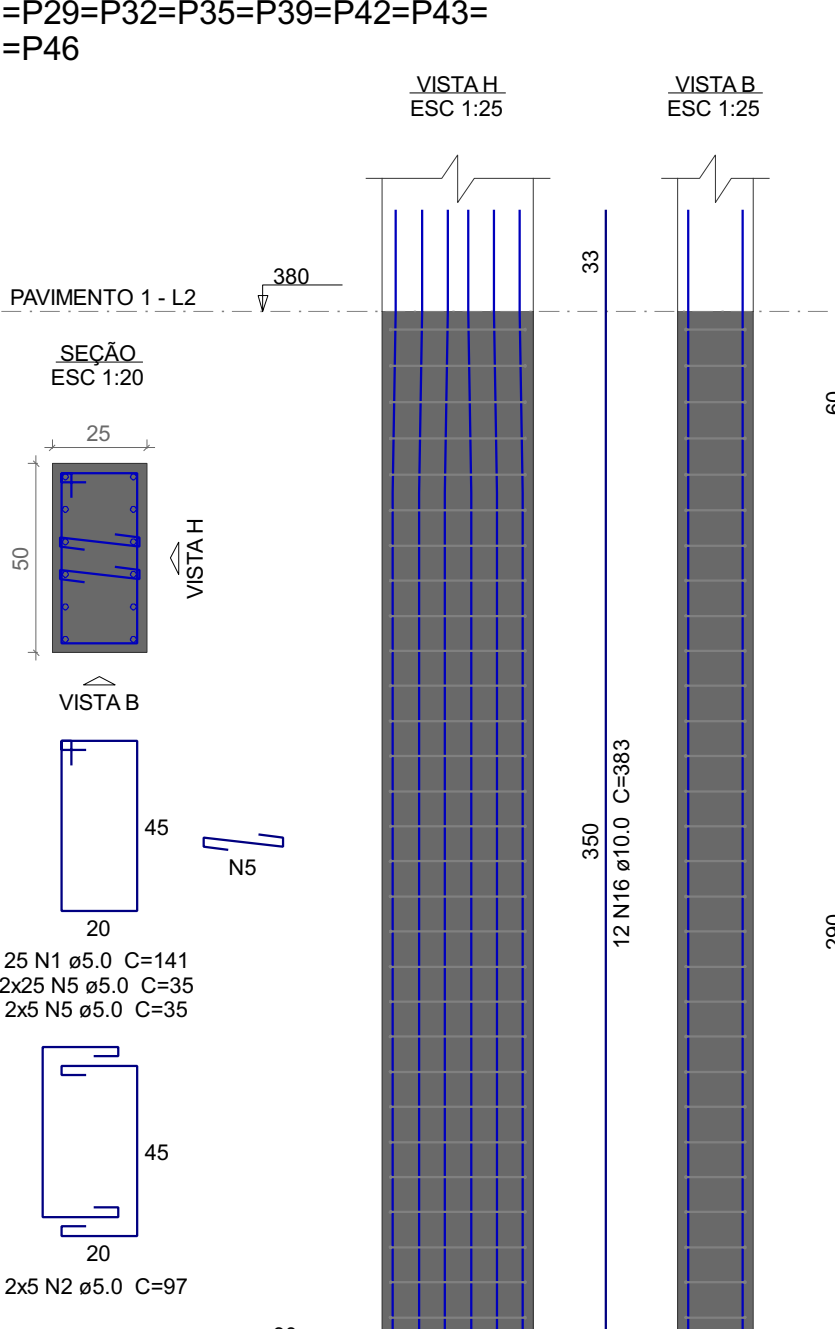
P6=P7=P13



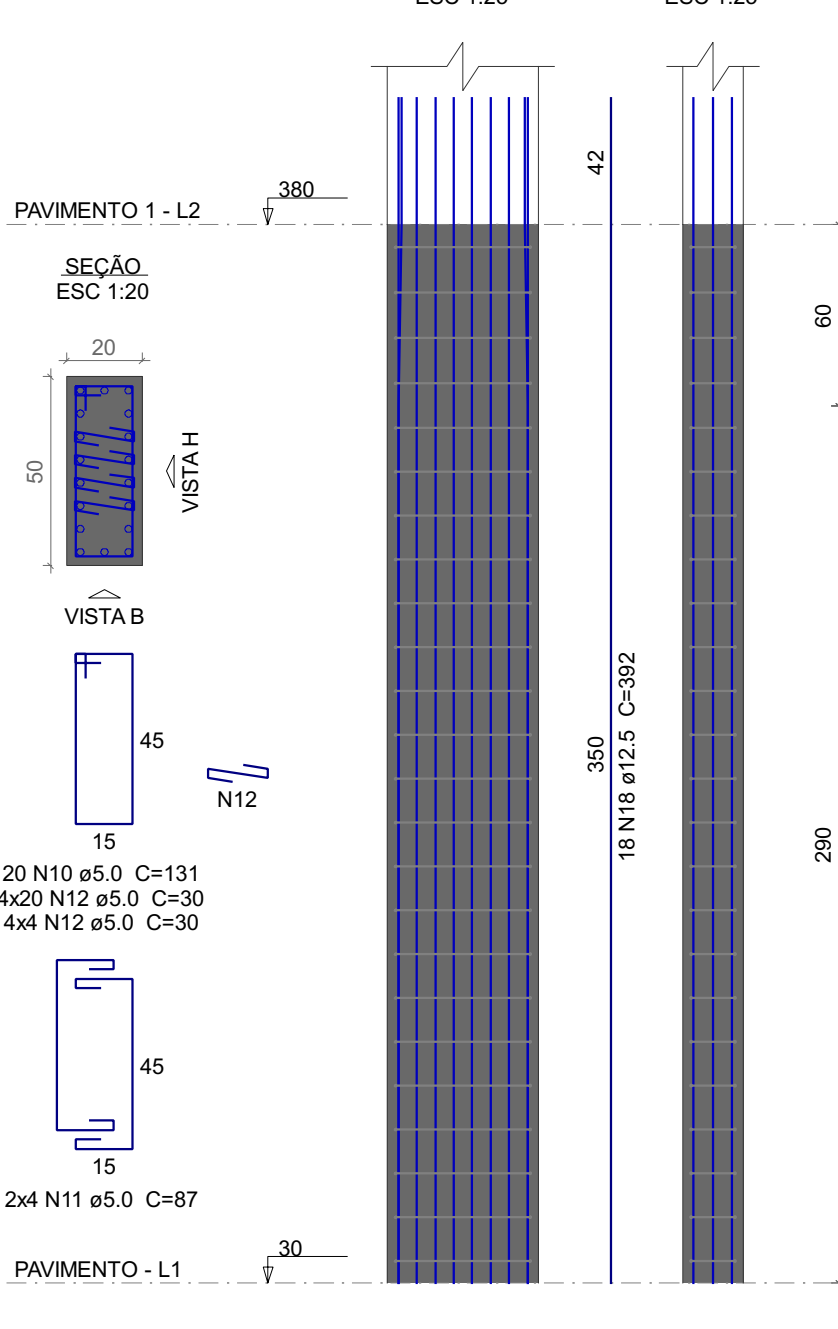
P8=P9



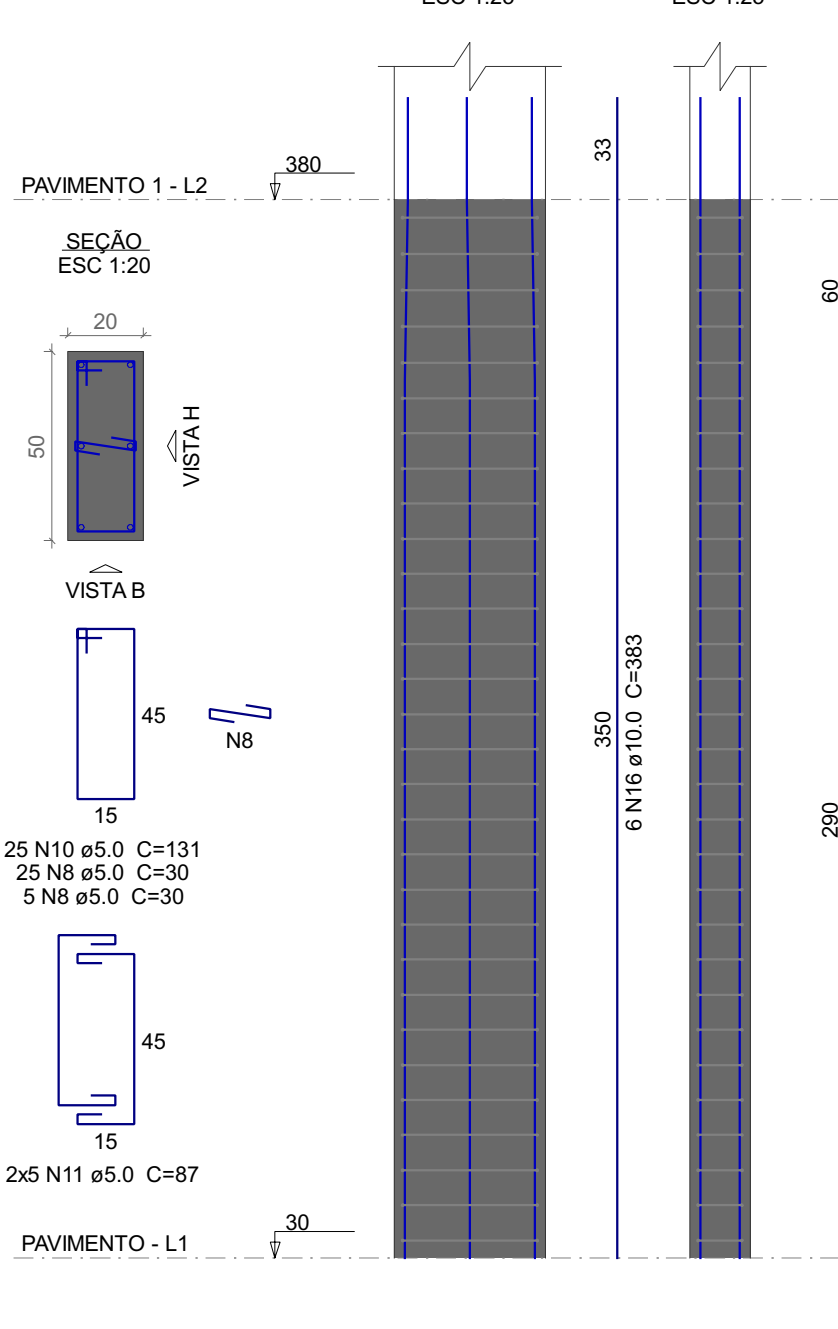
P10=P15=P18=P19=P23=P26=  
=P29=P32=P35=P39=P42=P43=  
=P46



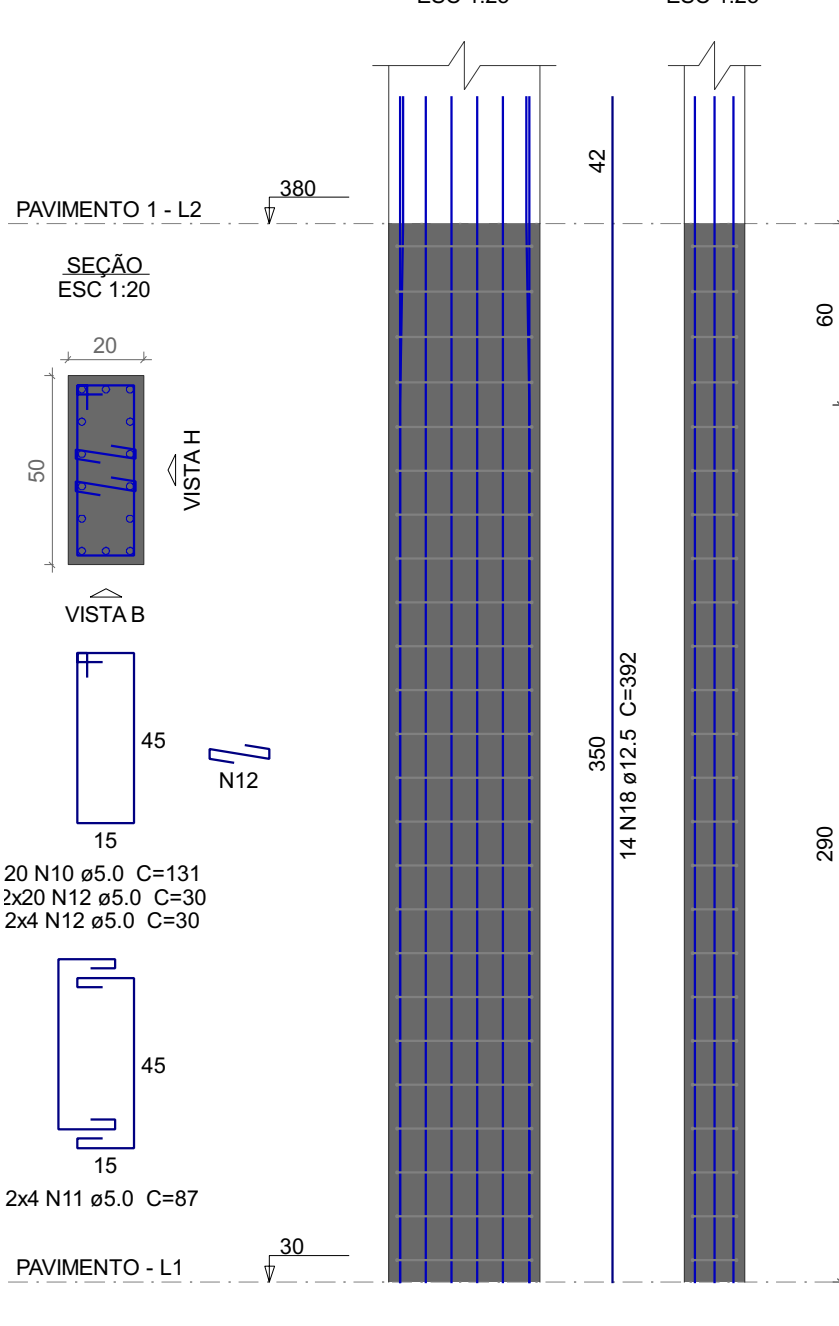
P11



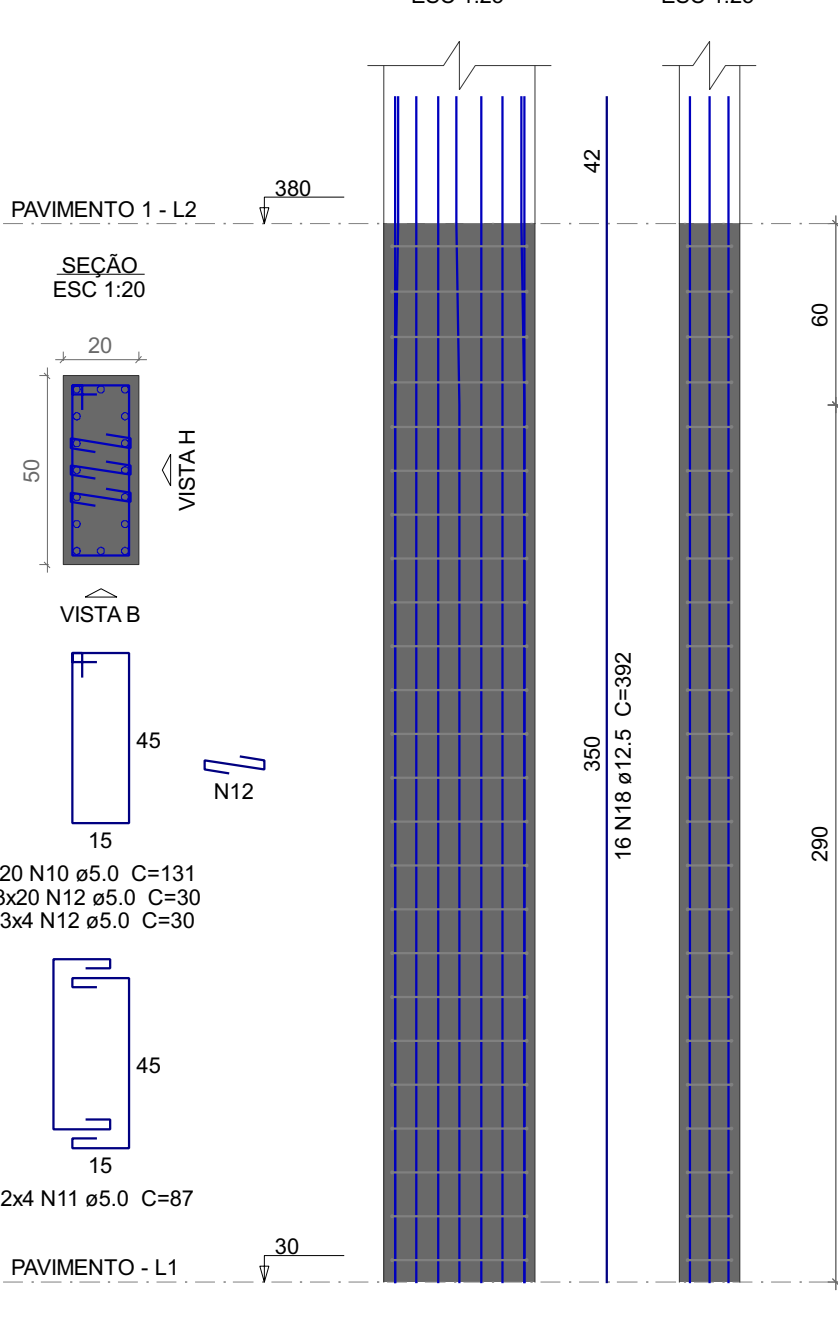
P12



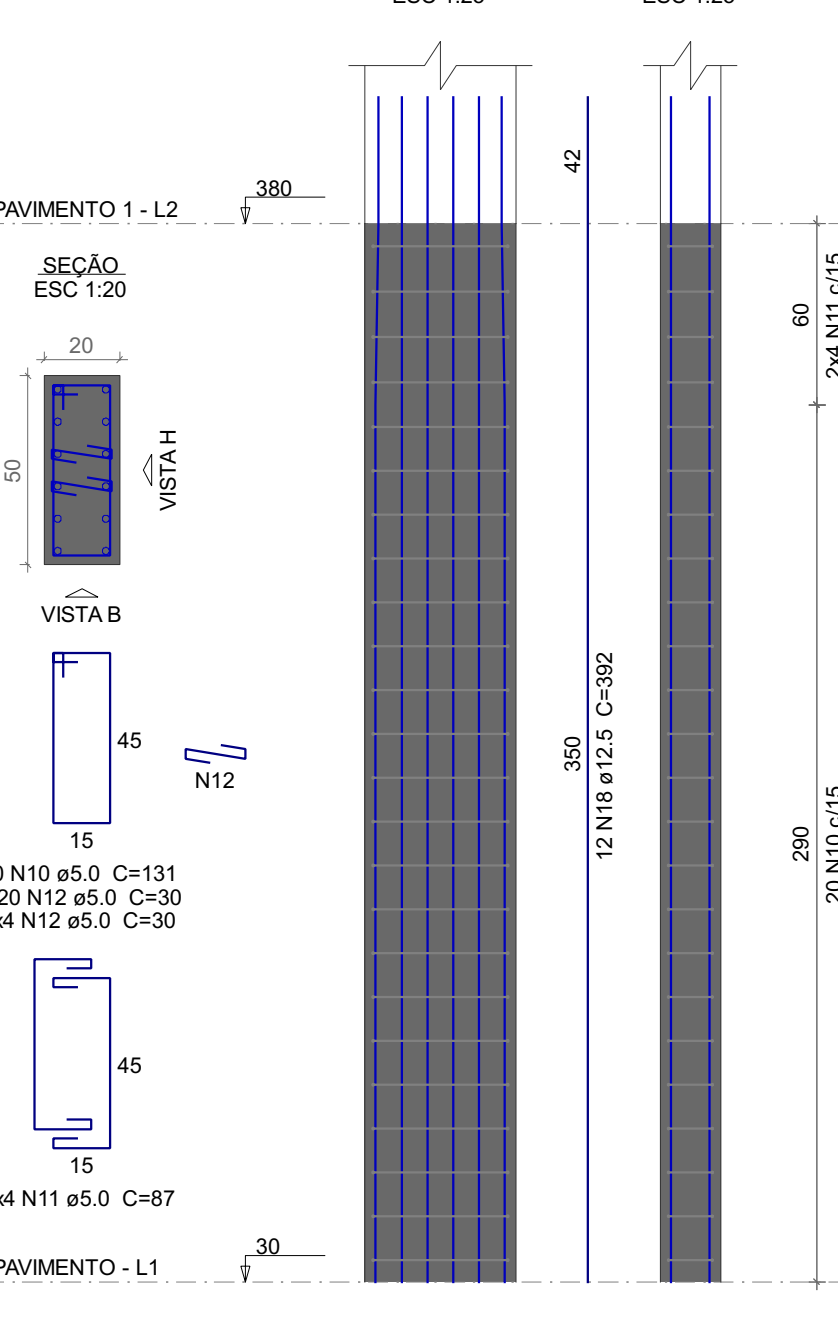
P16



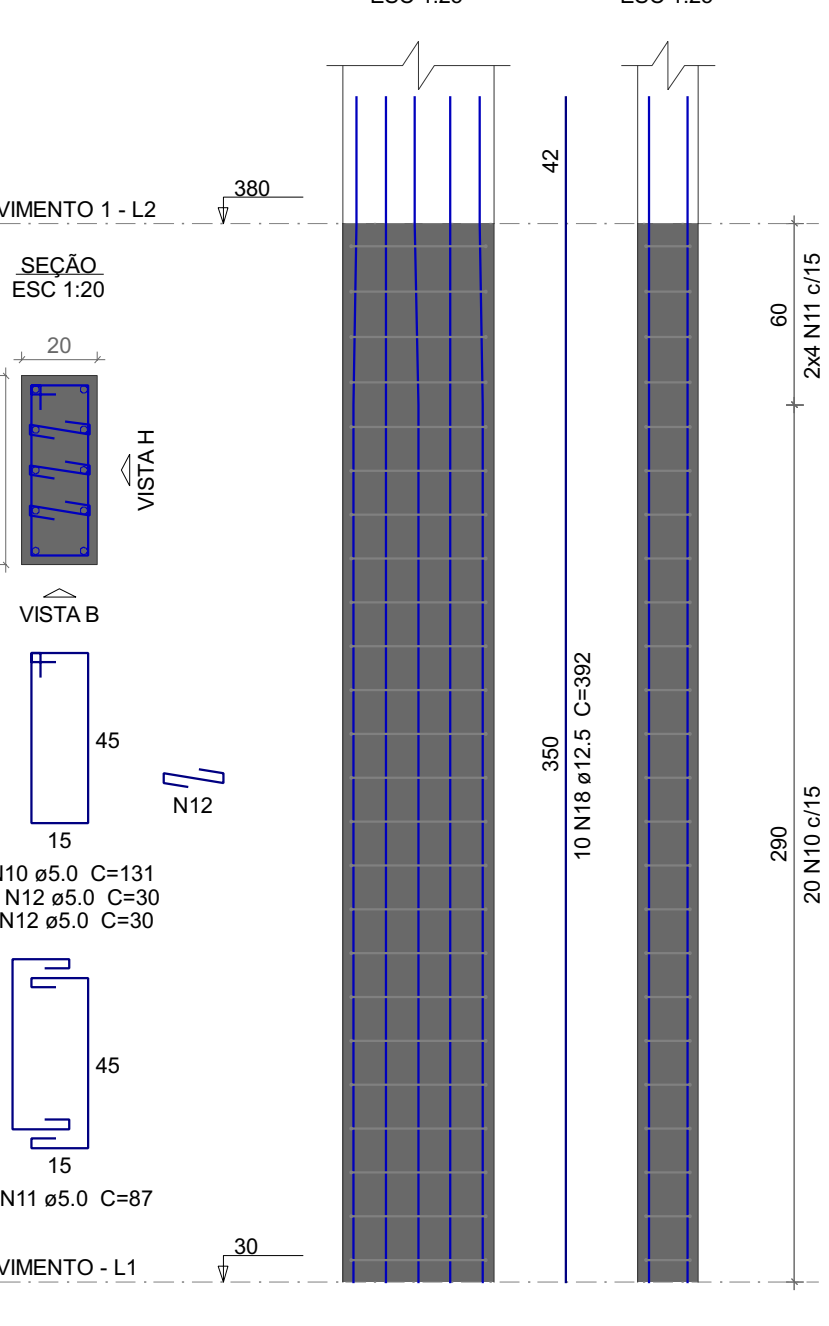
P17



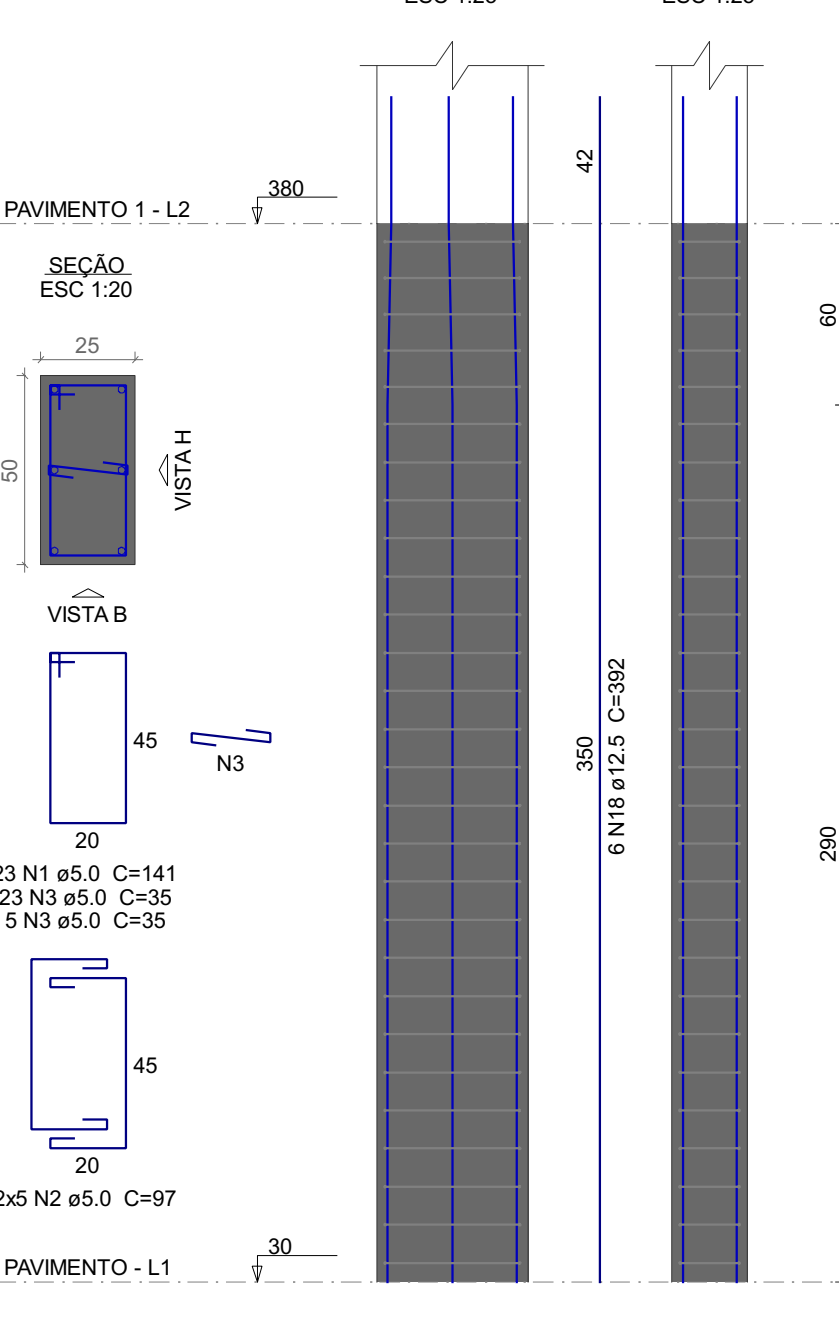
P20



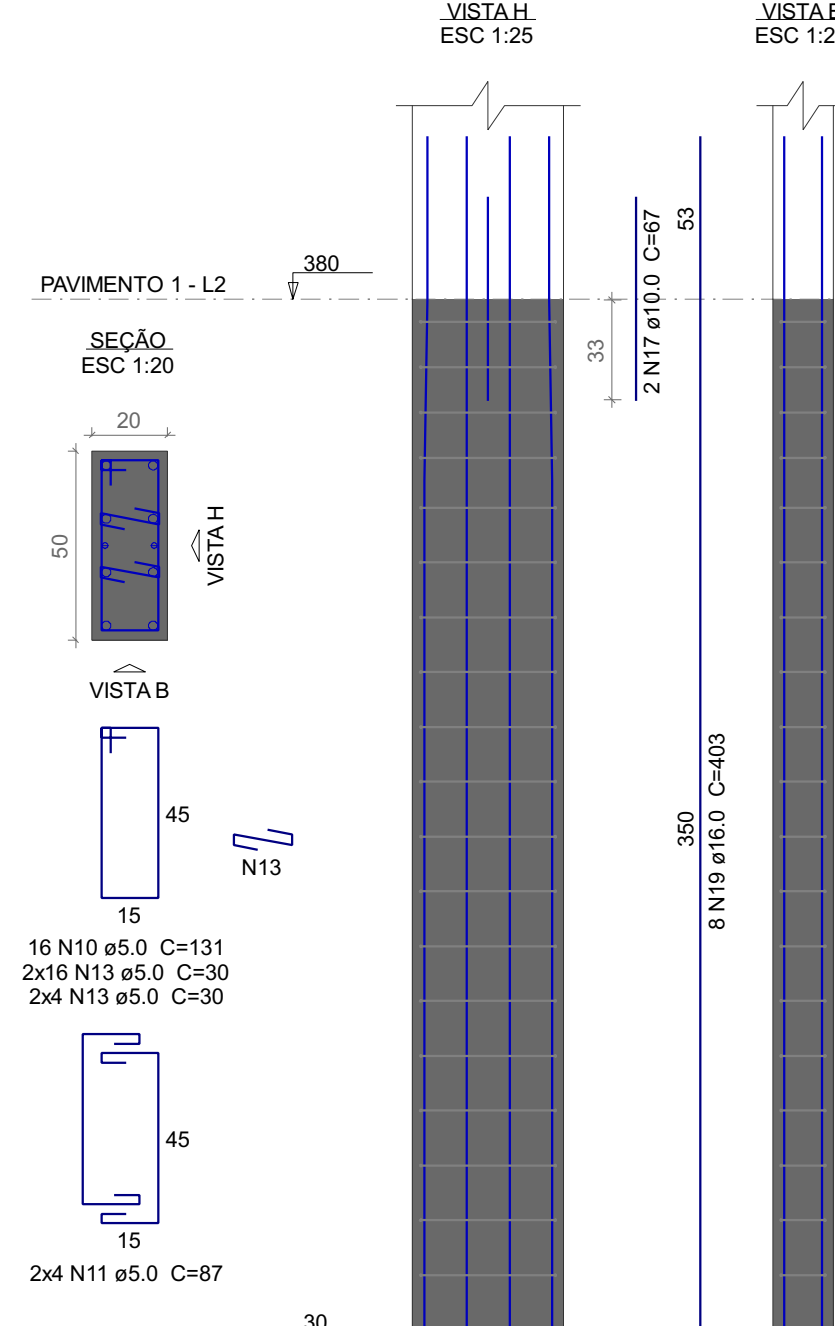
P21



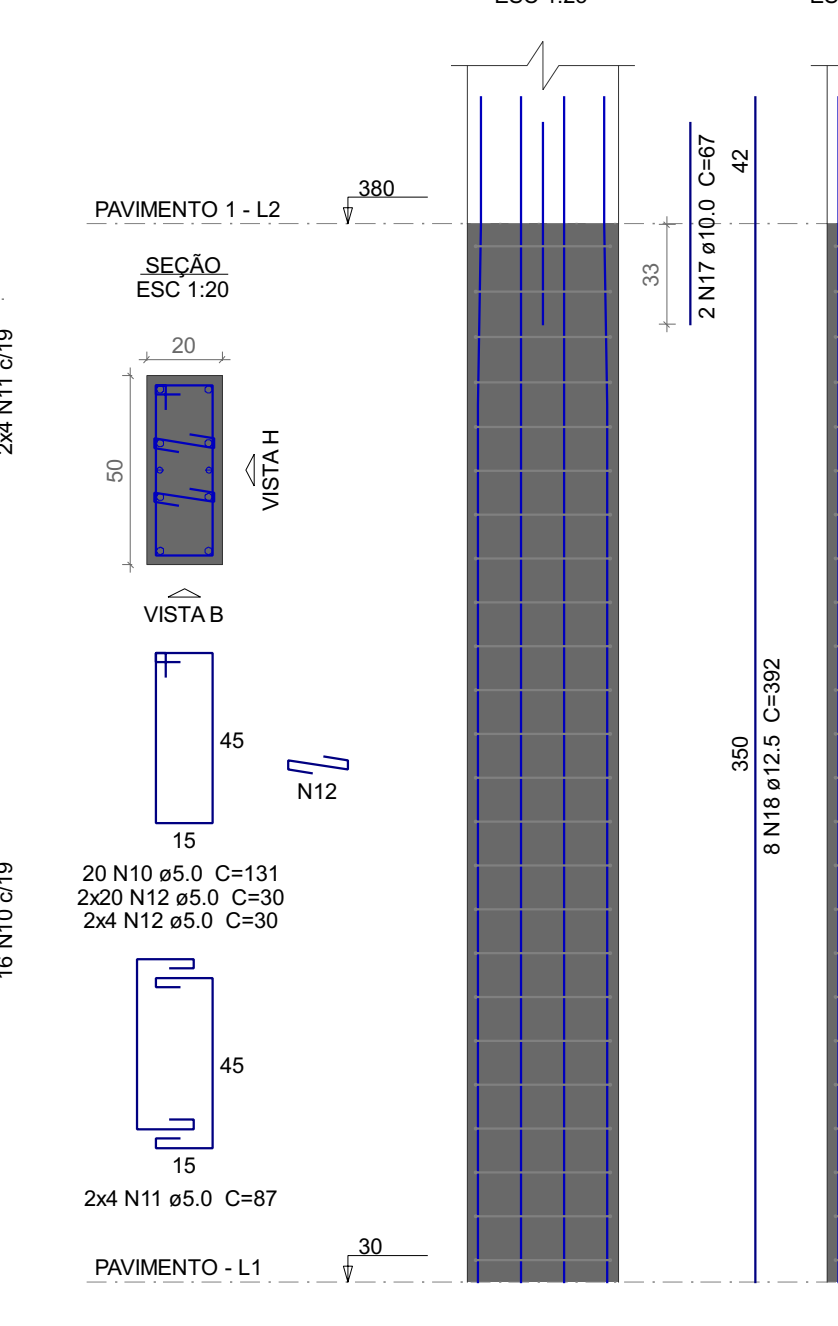
P22=P38



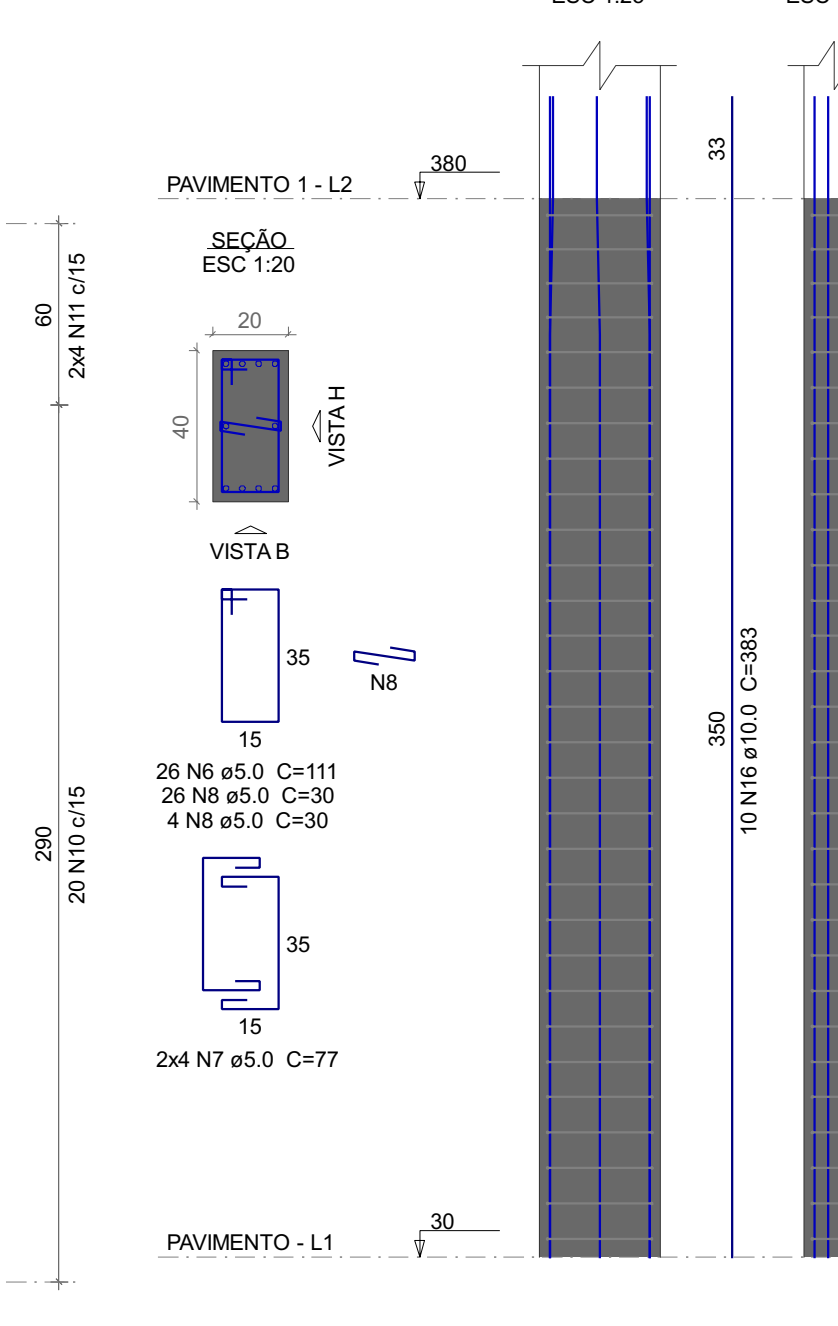
P24=P40=P41



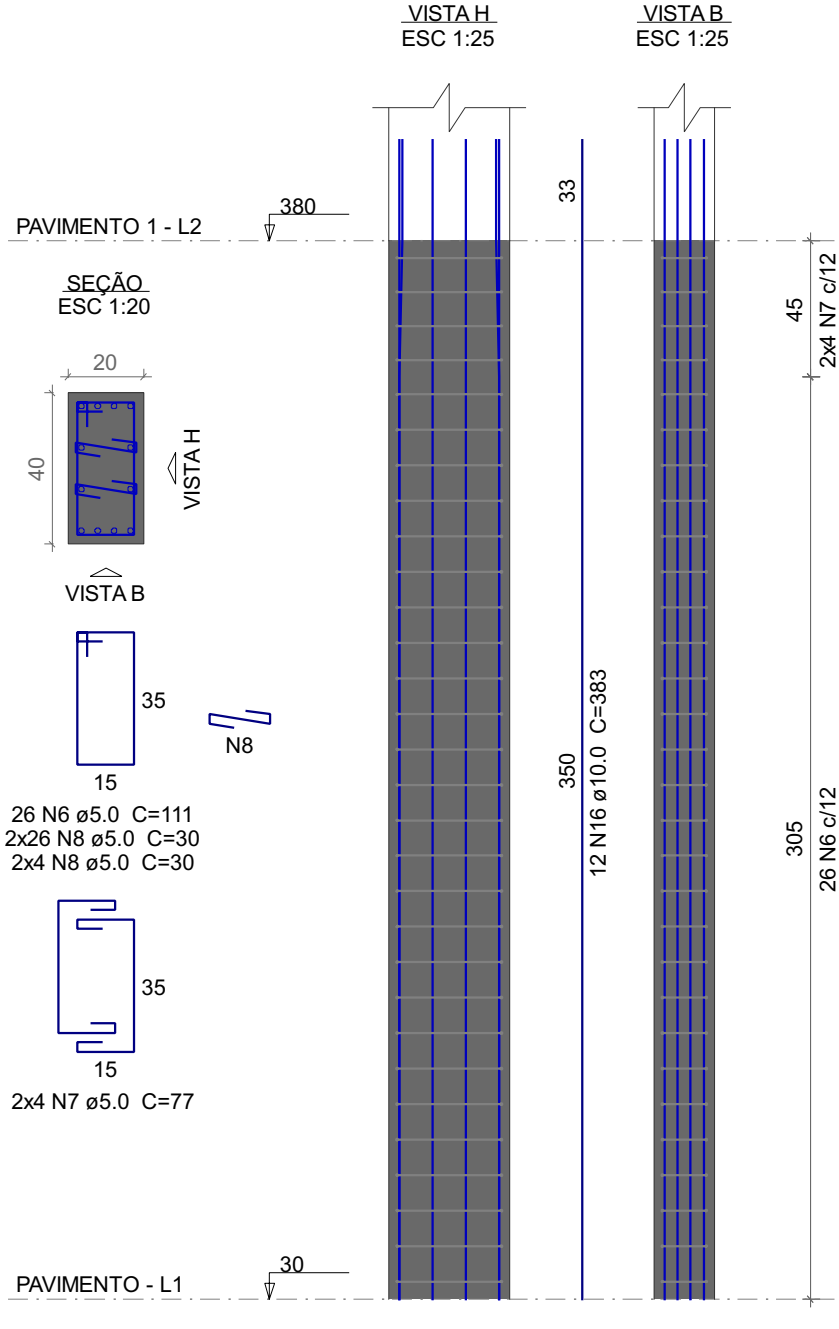
P25=P44



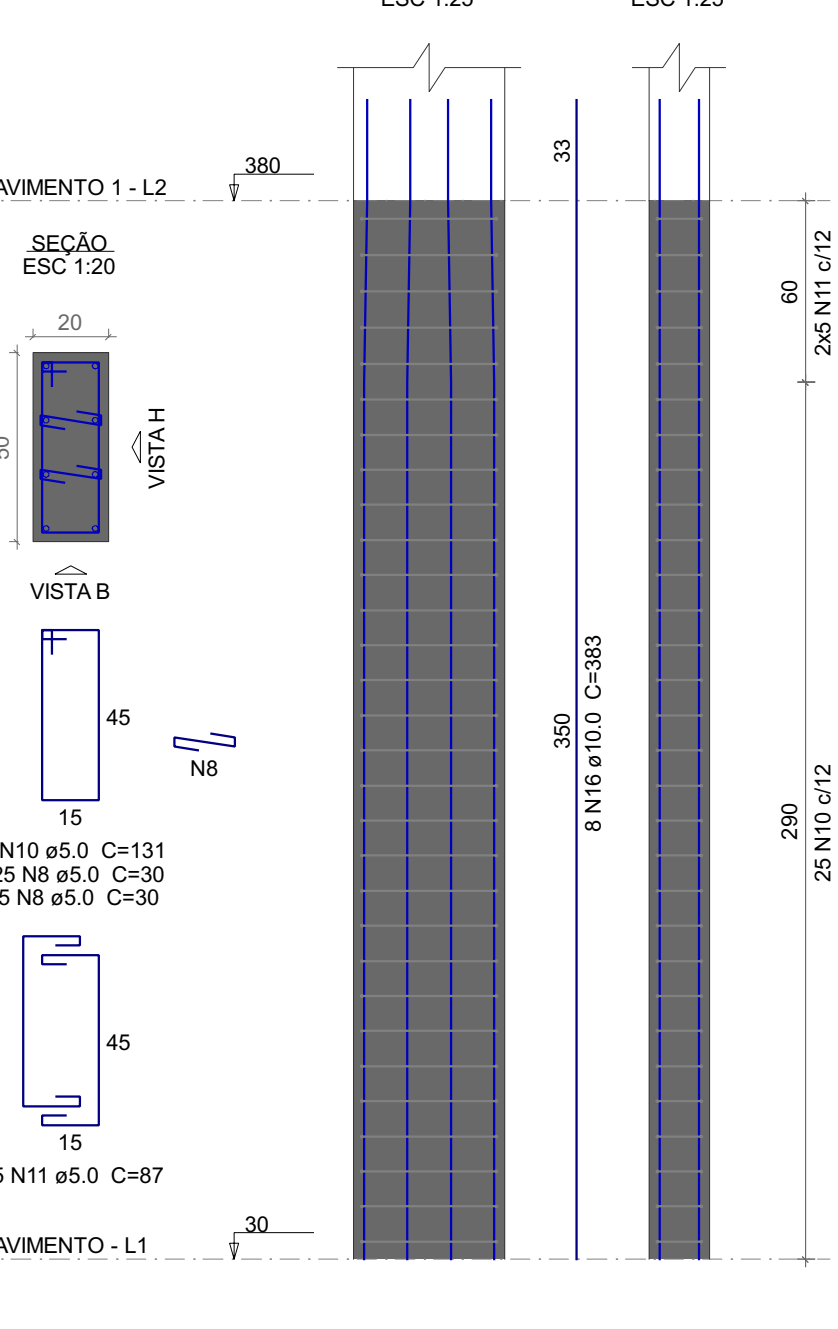
P27



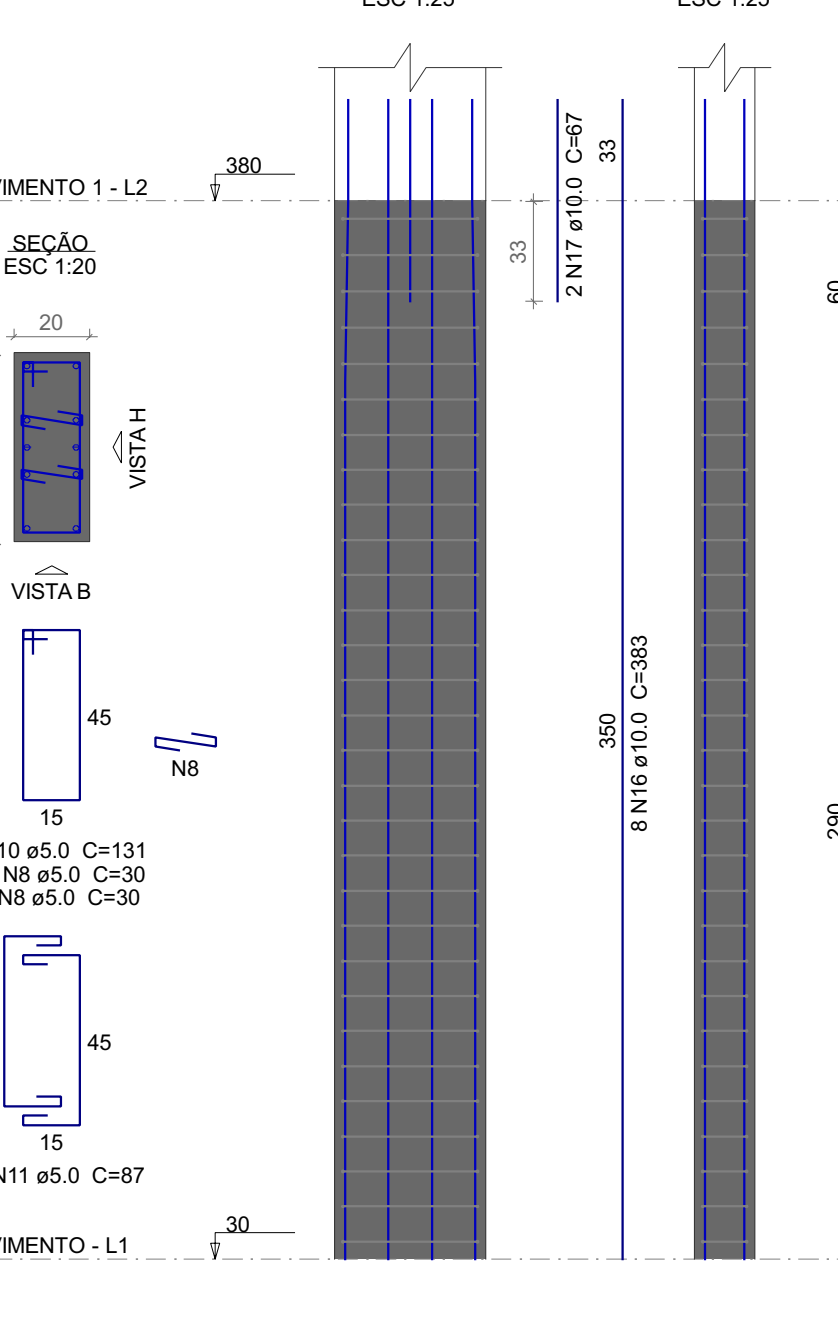
P28=P33=P34



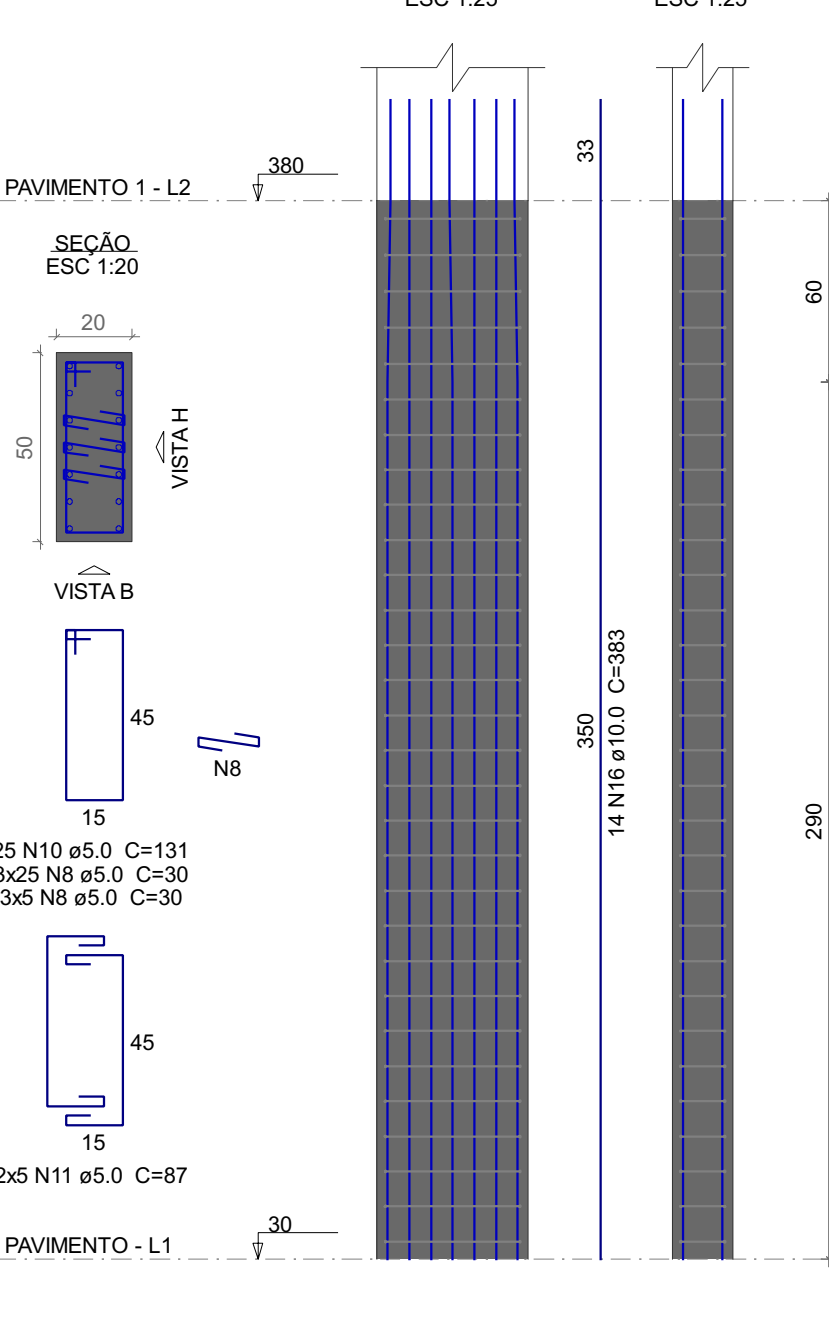
P30



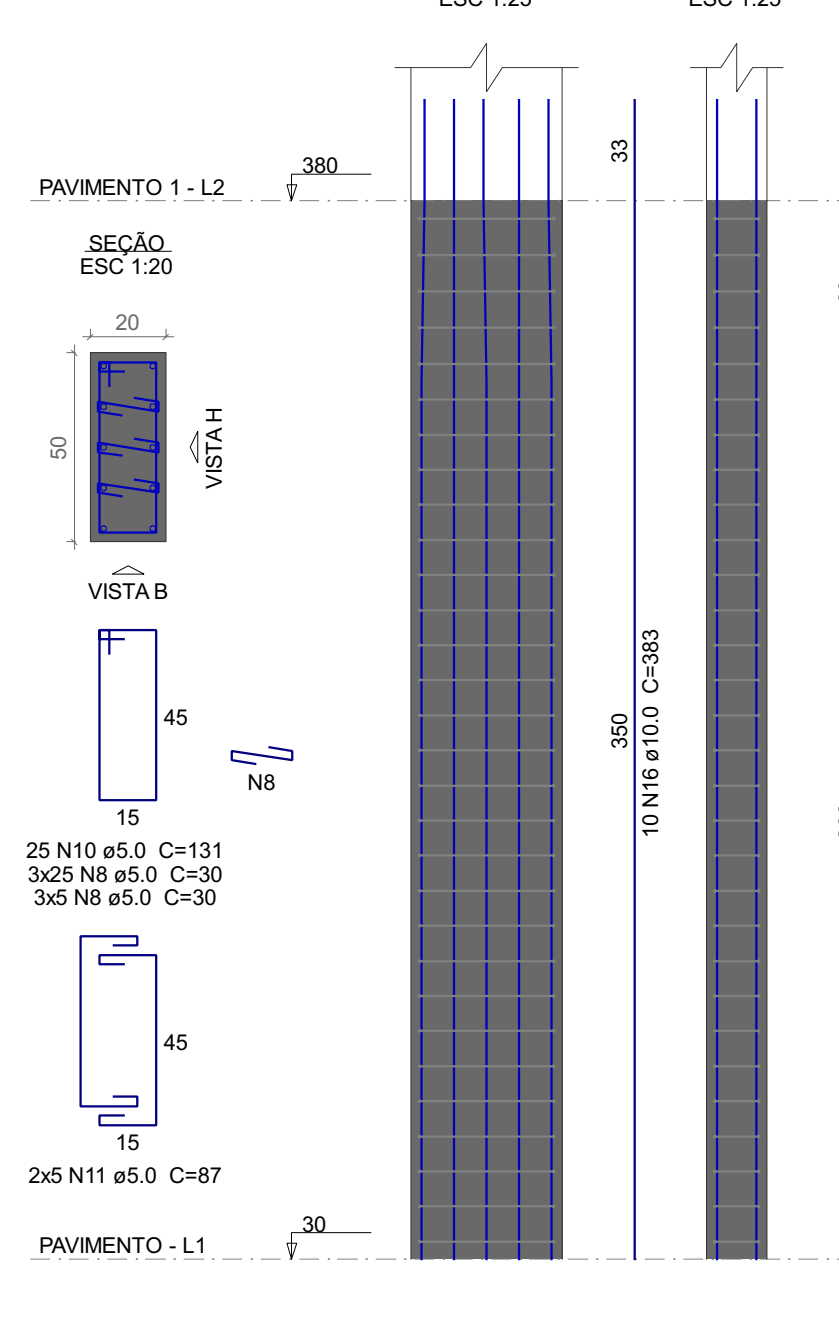
P31



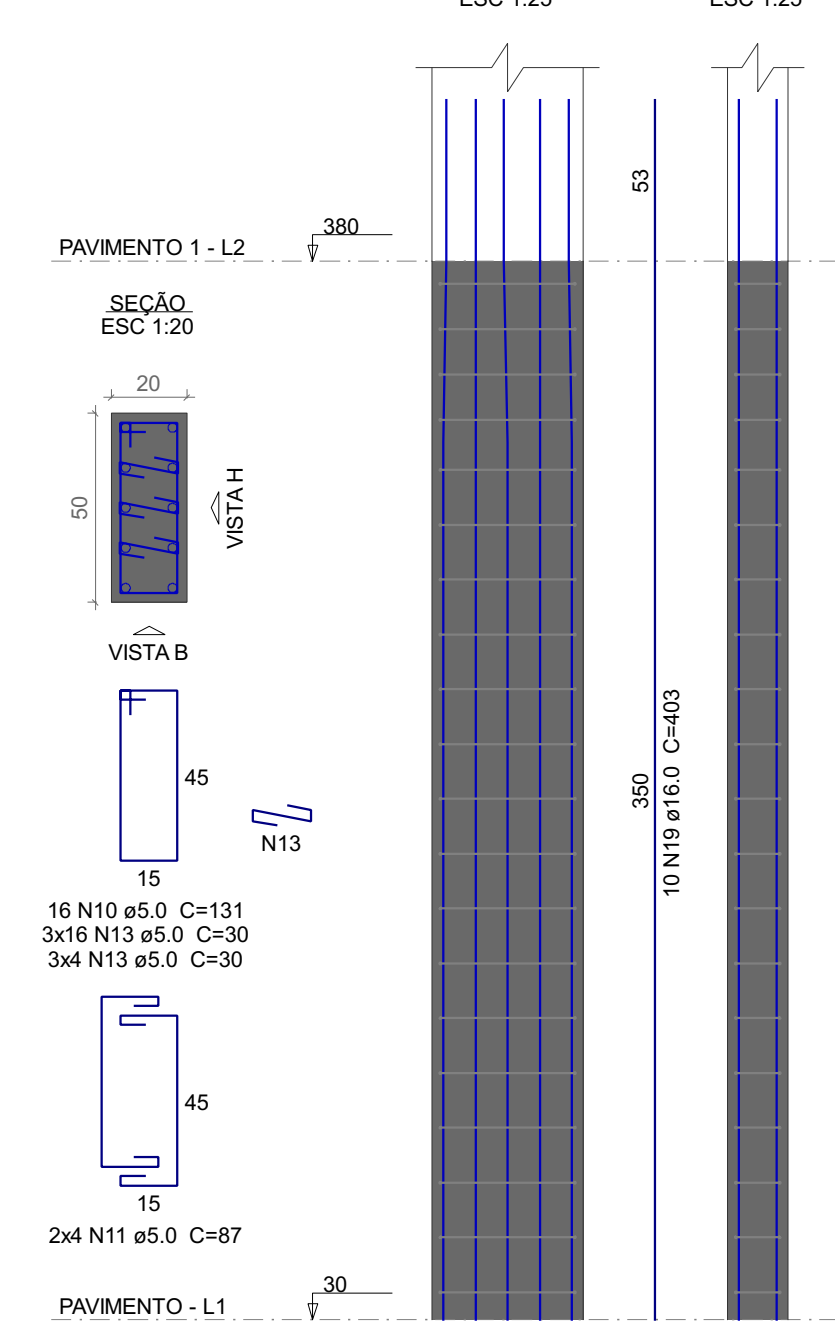
P36



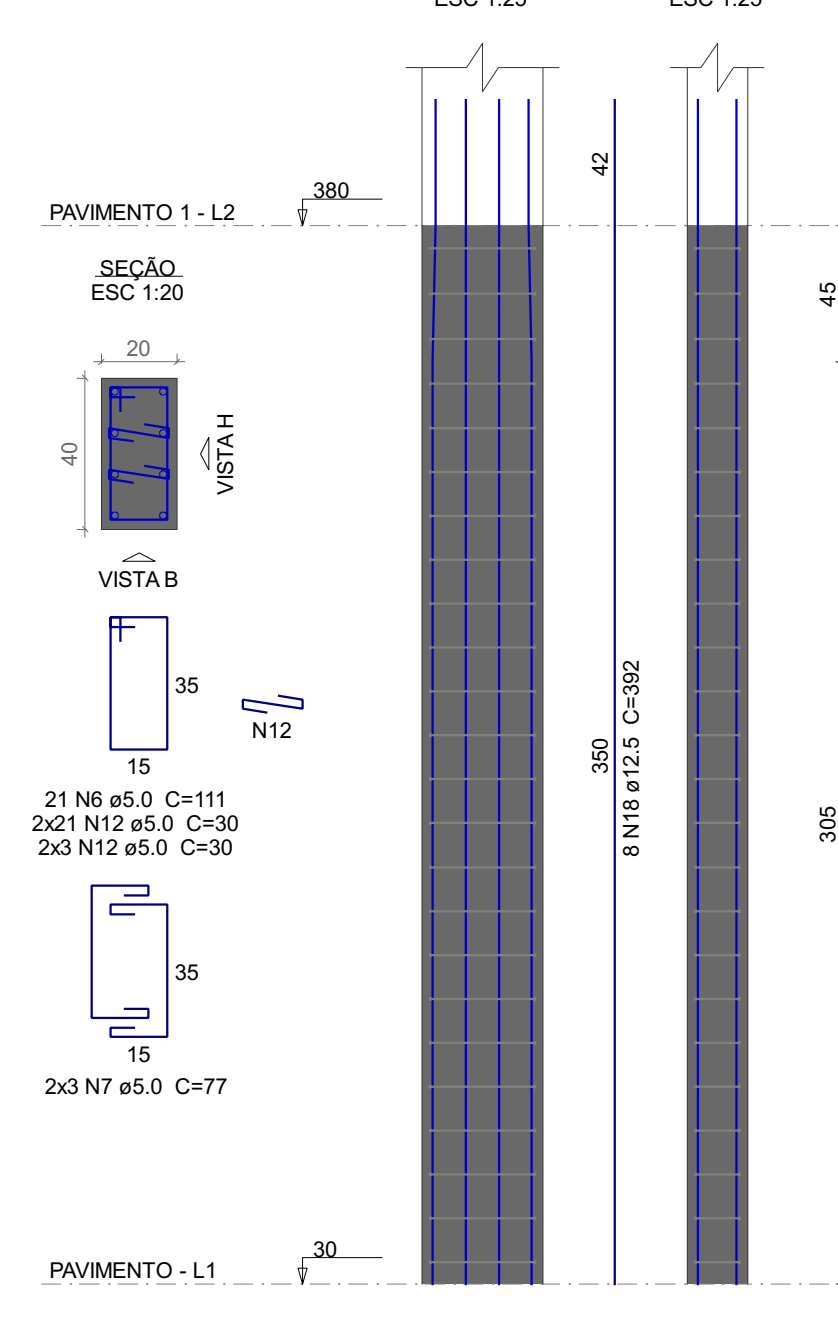
P37



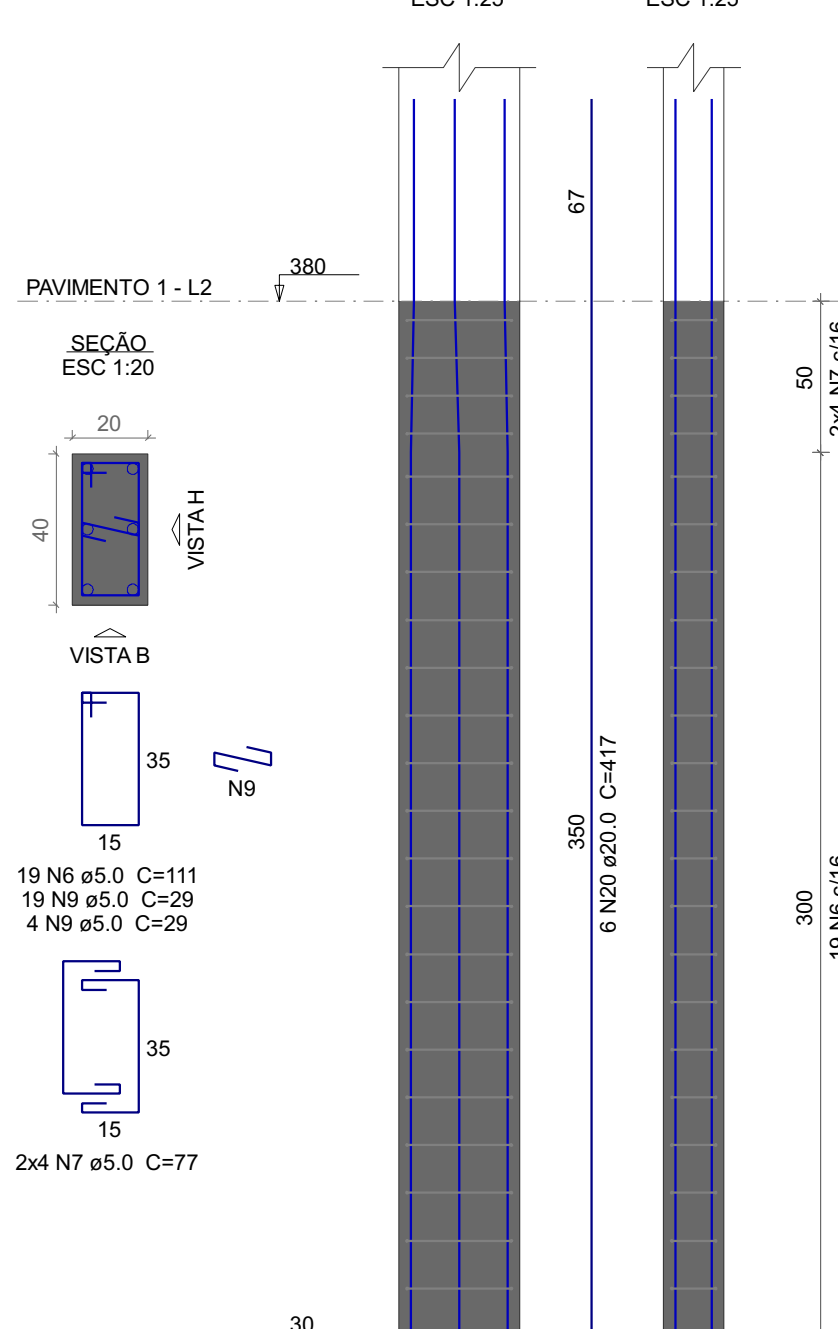
P45



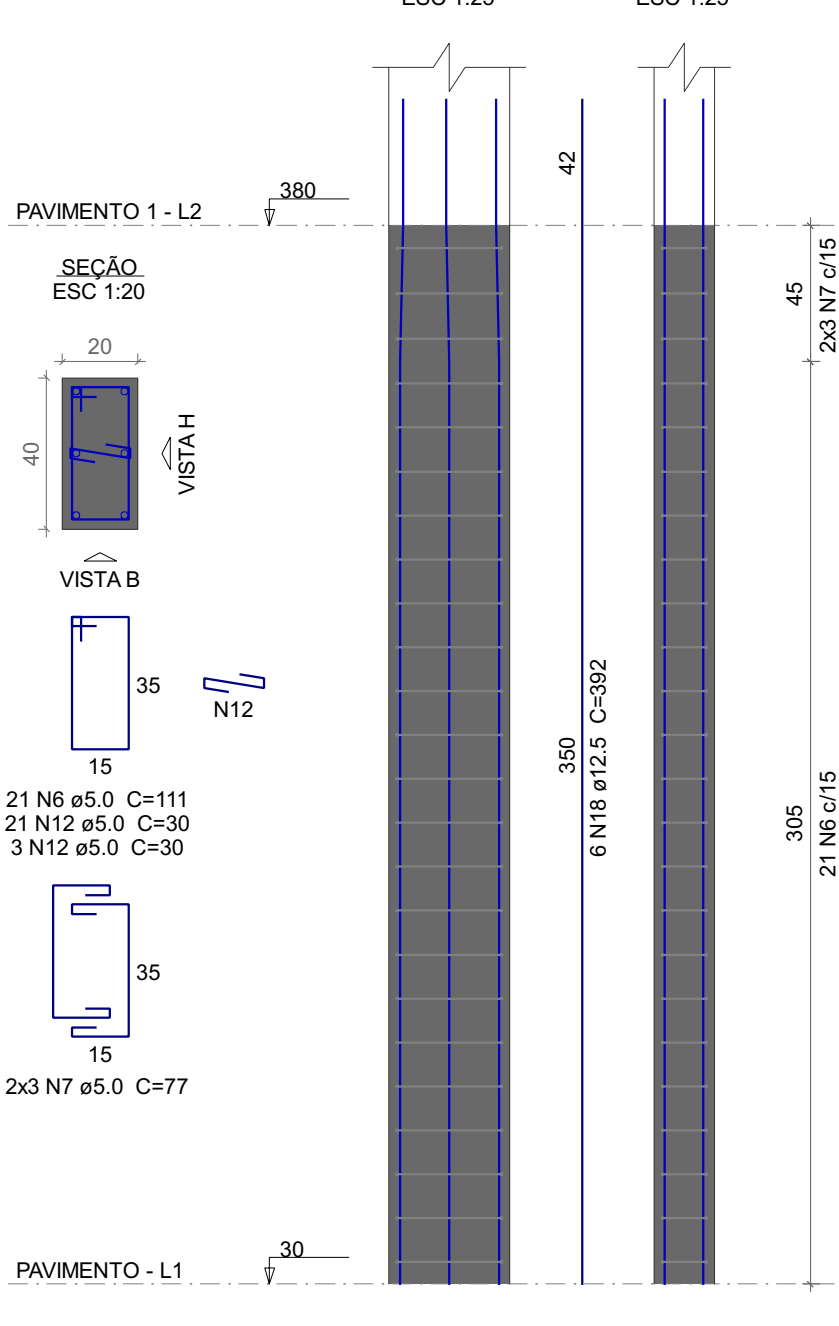
P47



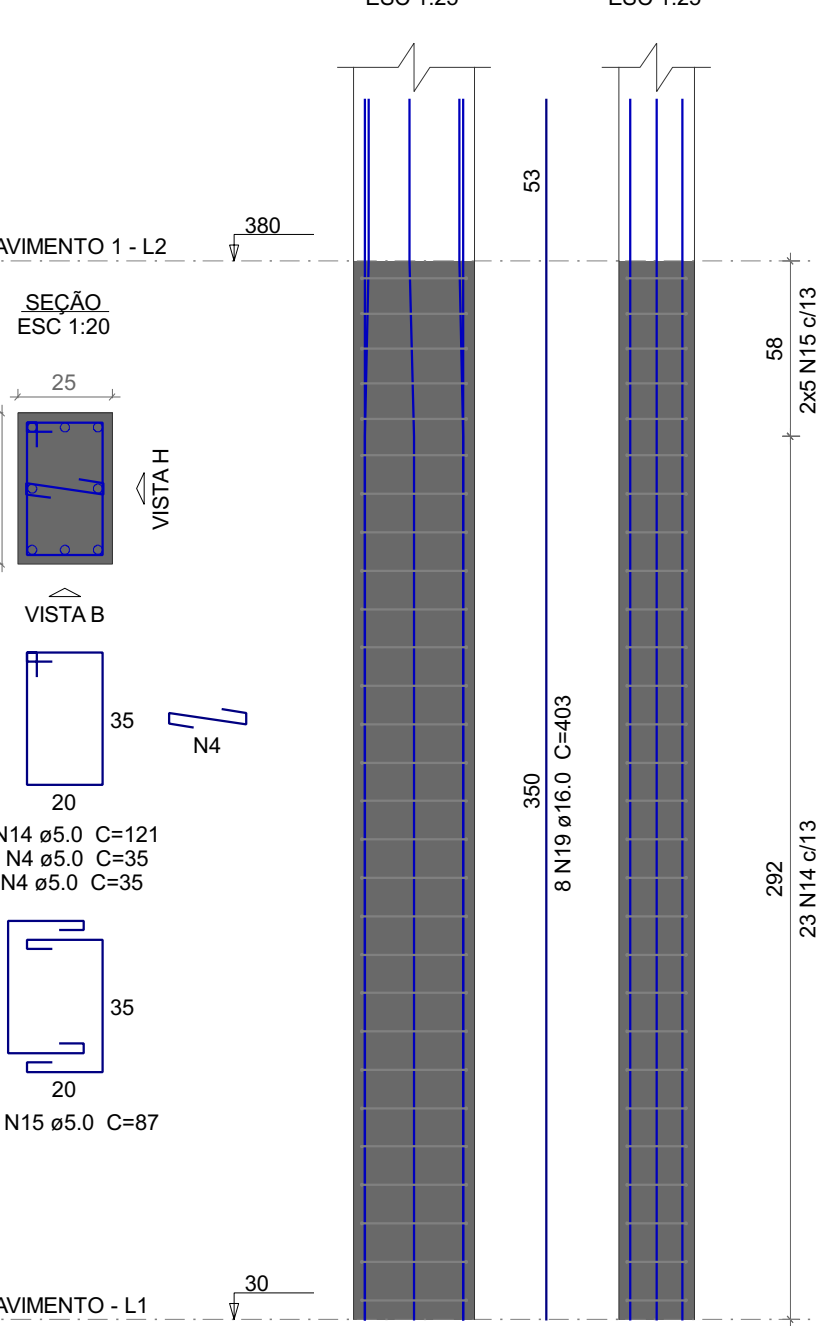
P48



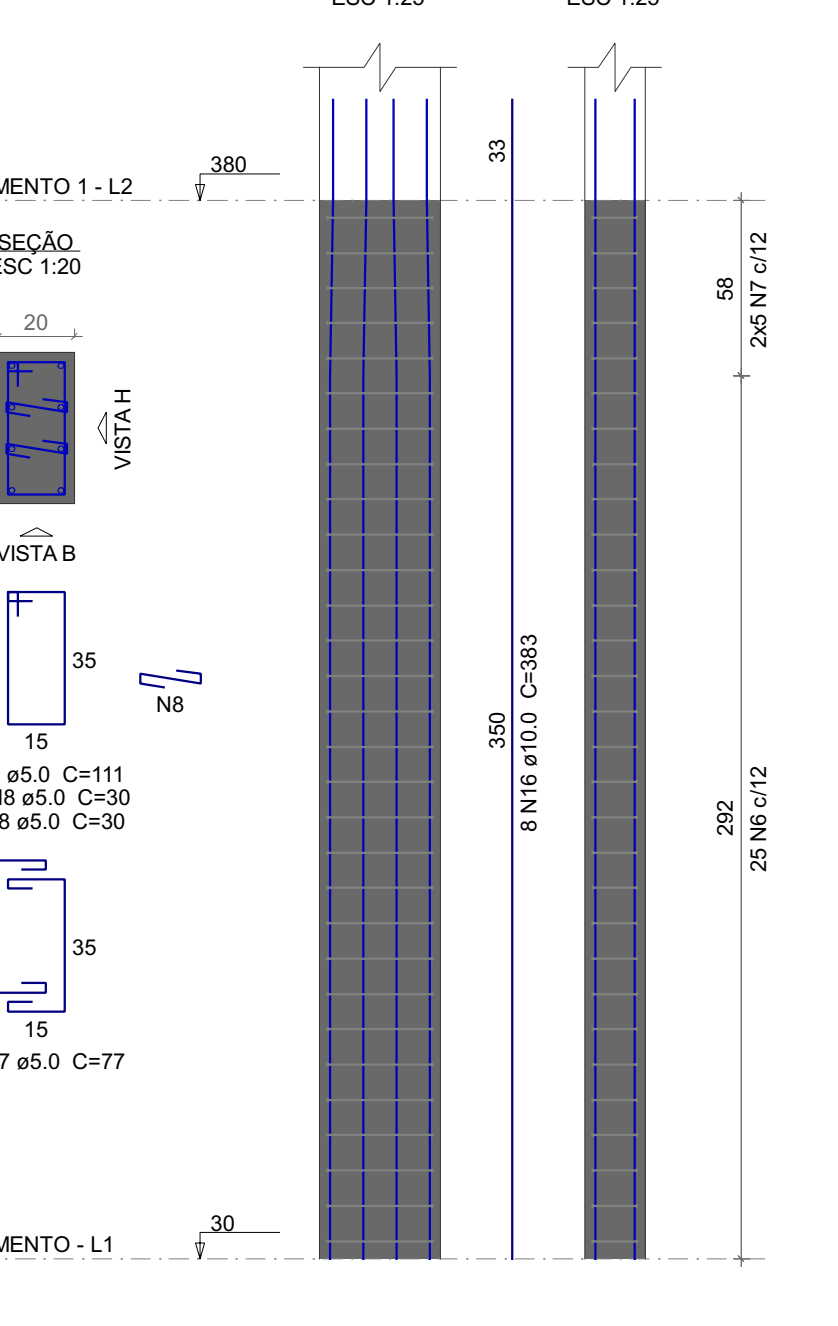
P49



P51



P52



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	586	141	82626
	2	5.0	240	97	23280
	3	5.0	140	35	4900
	4	5.0	140	35	4900
	5	5.0	1020	35	35700
	6	5.0	303	111	33633
	7	5.0	108	77	8316
	8	5.0	690	30	20700
	9	5.0	69	29	2001
	10	5.0	329	131	43099
	11	5.0	138	87	12006
	12	5.0	504	30	15120
	13	5.0	180	30	5400
	14	5.0	23	121	2783
	15	5.0	10	87	870
	16	10.0	306	383	117198
	17	10.0	12	67	804
	18	12.5	130	392	50960
	19	16.0	58	403	23374
	20	20.0	18	417	7398

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1180.1	800.3
	12.5	509.6	340
	16.0	233.8	458.8
CA60	5.0	2953.4	500.7
PESO TOTAL (kg)			
CA50		1949.7	
CA60		500.7	

Volume de concreto (C=30) = 20.06 m³  
Área de forma = 293.55 m²