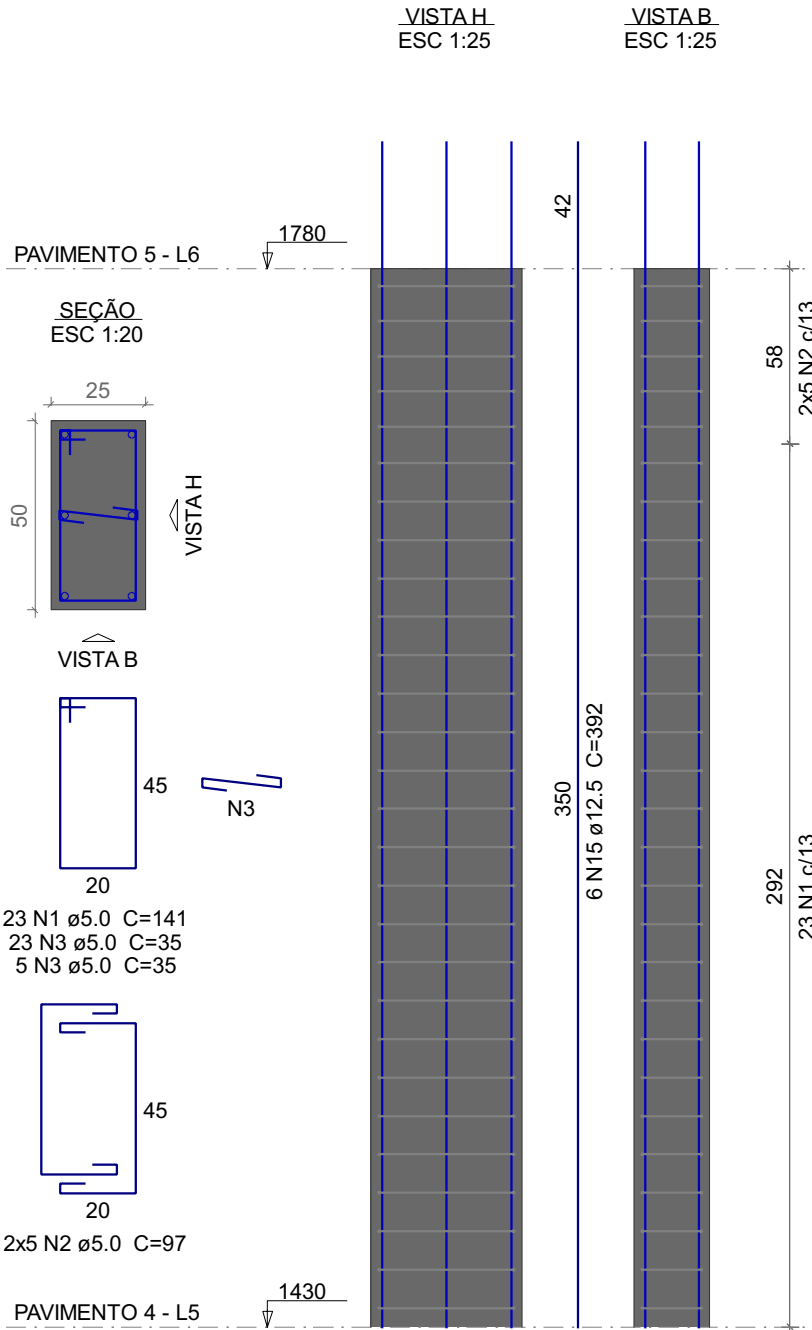
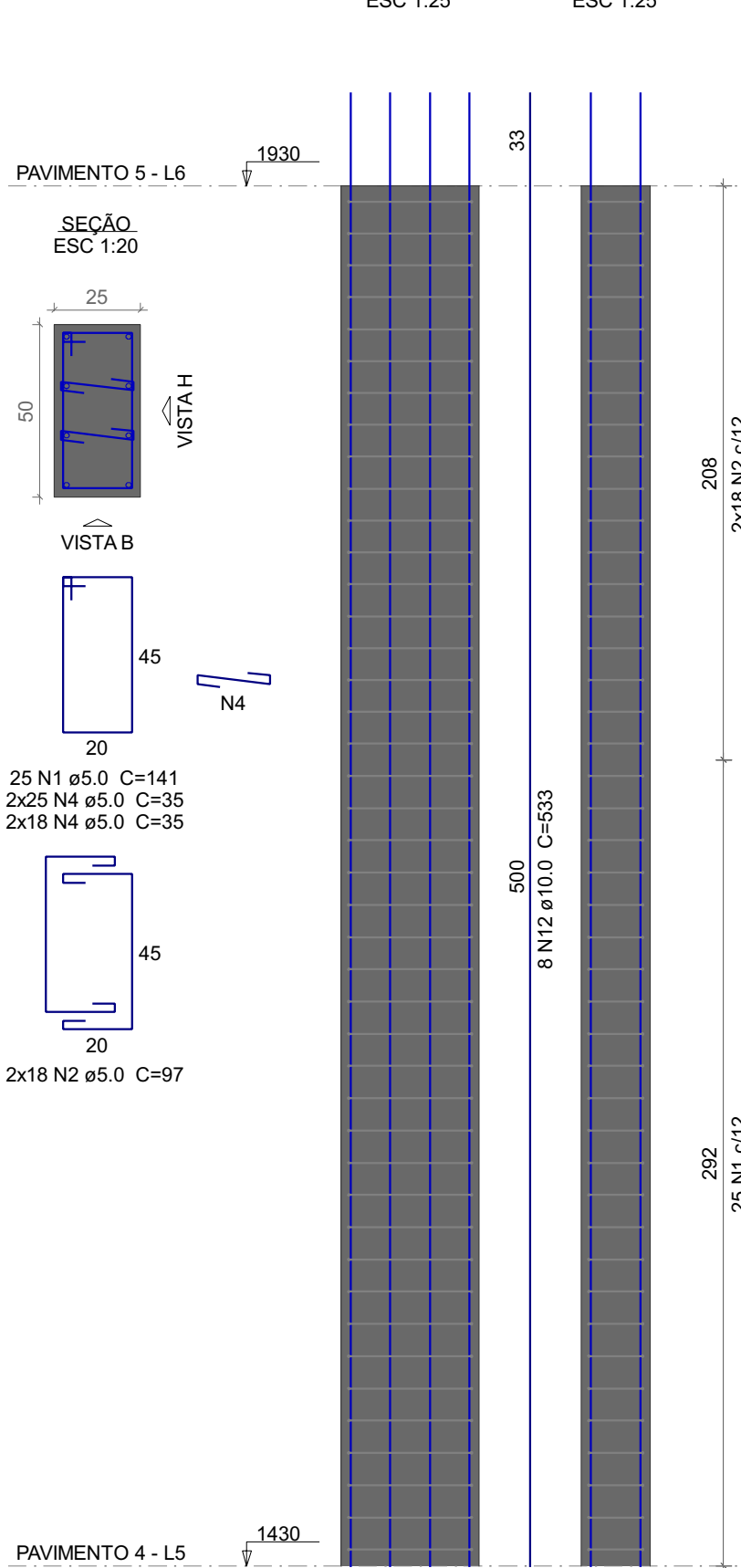


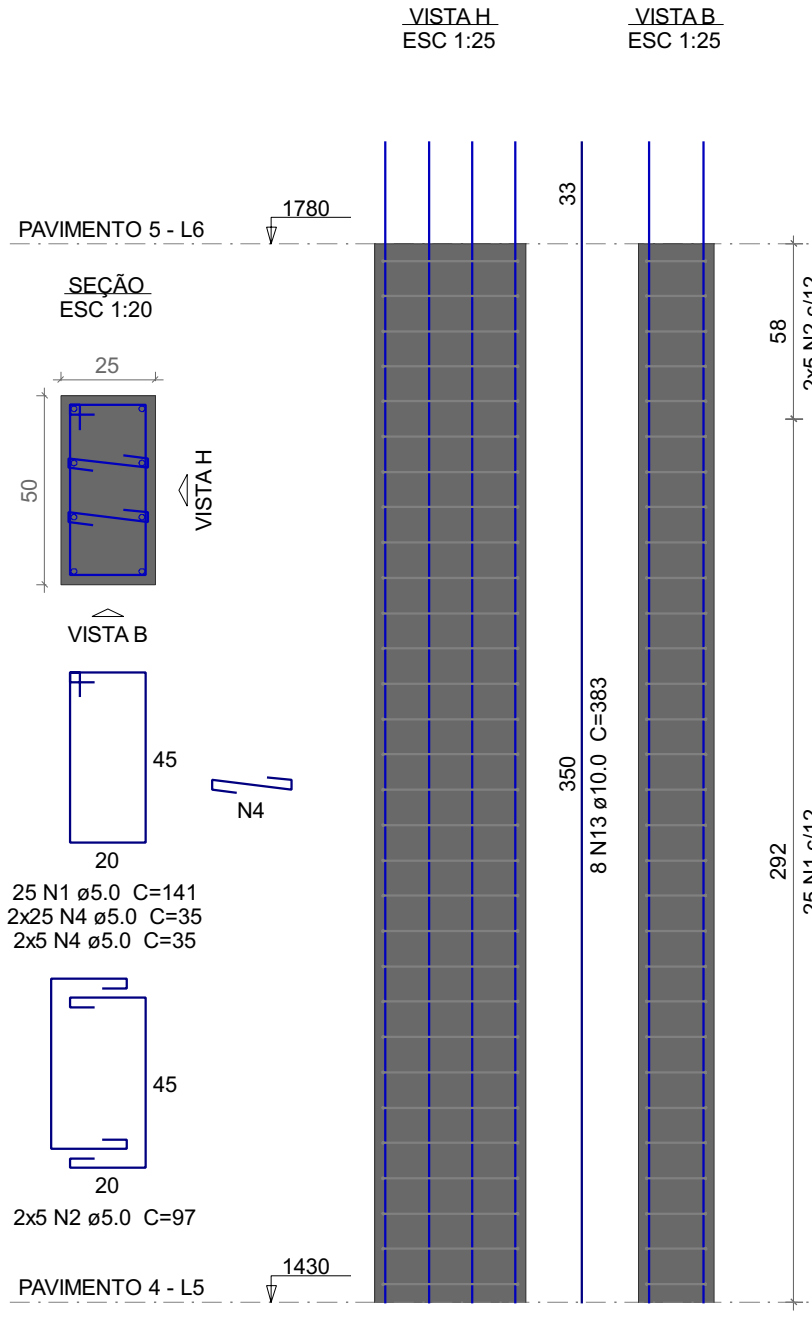
P1=P2=P22=P38=P54



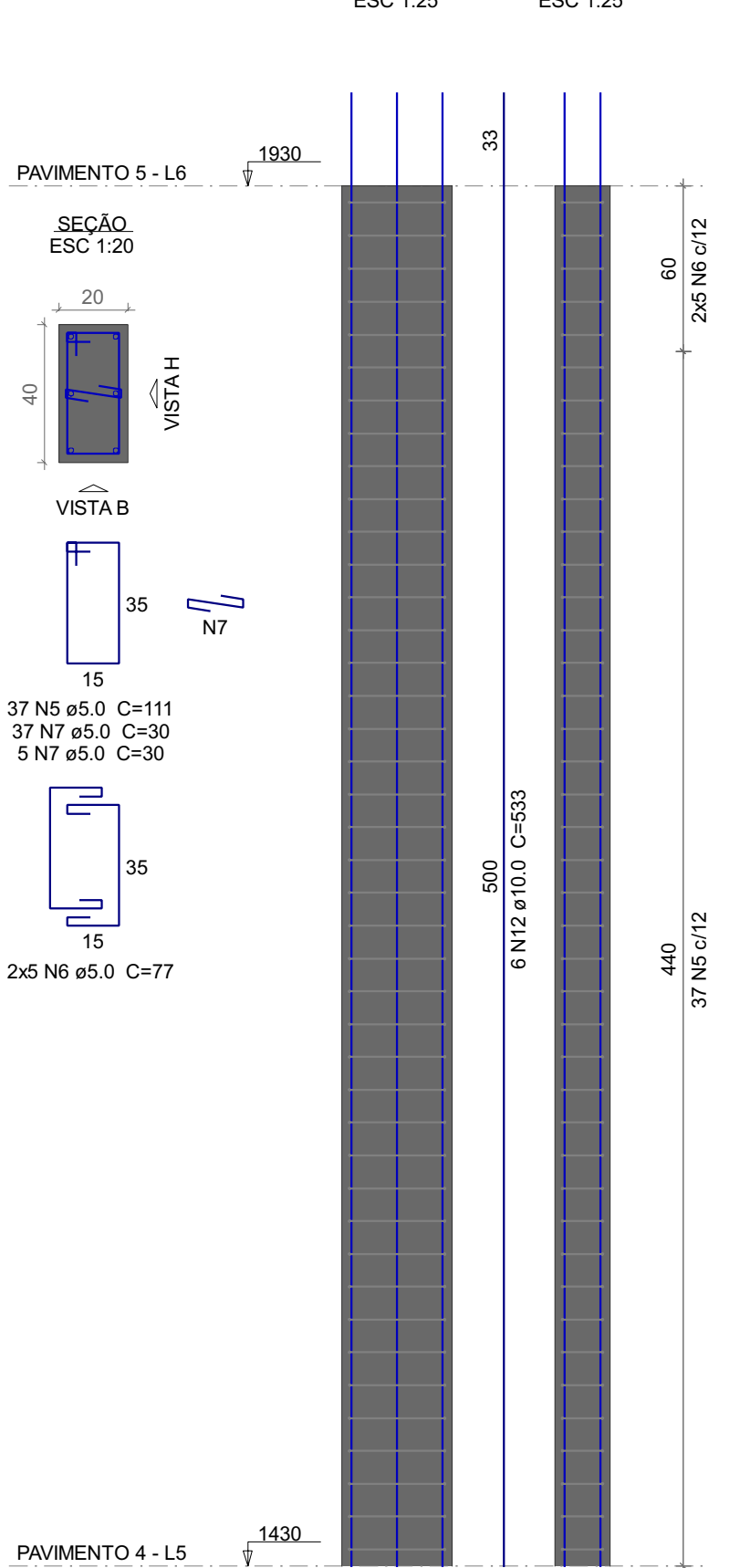
P3=P4



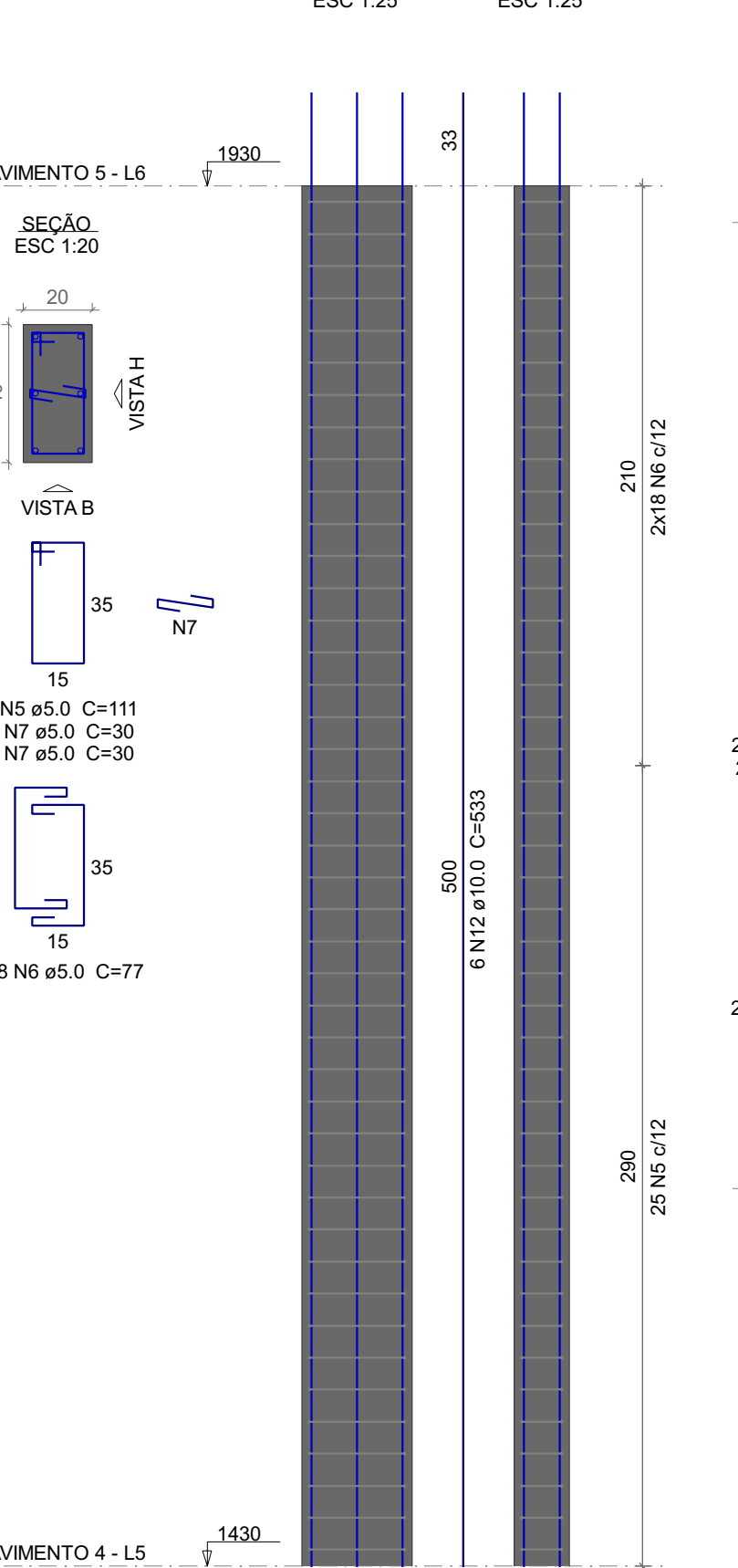
P5=P50=P53



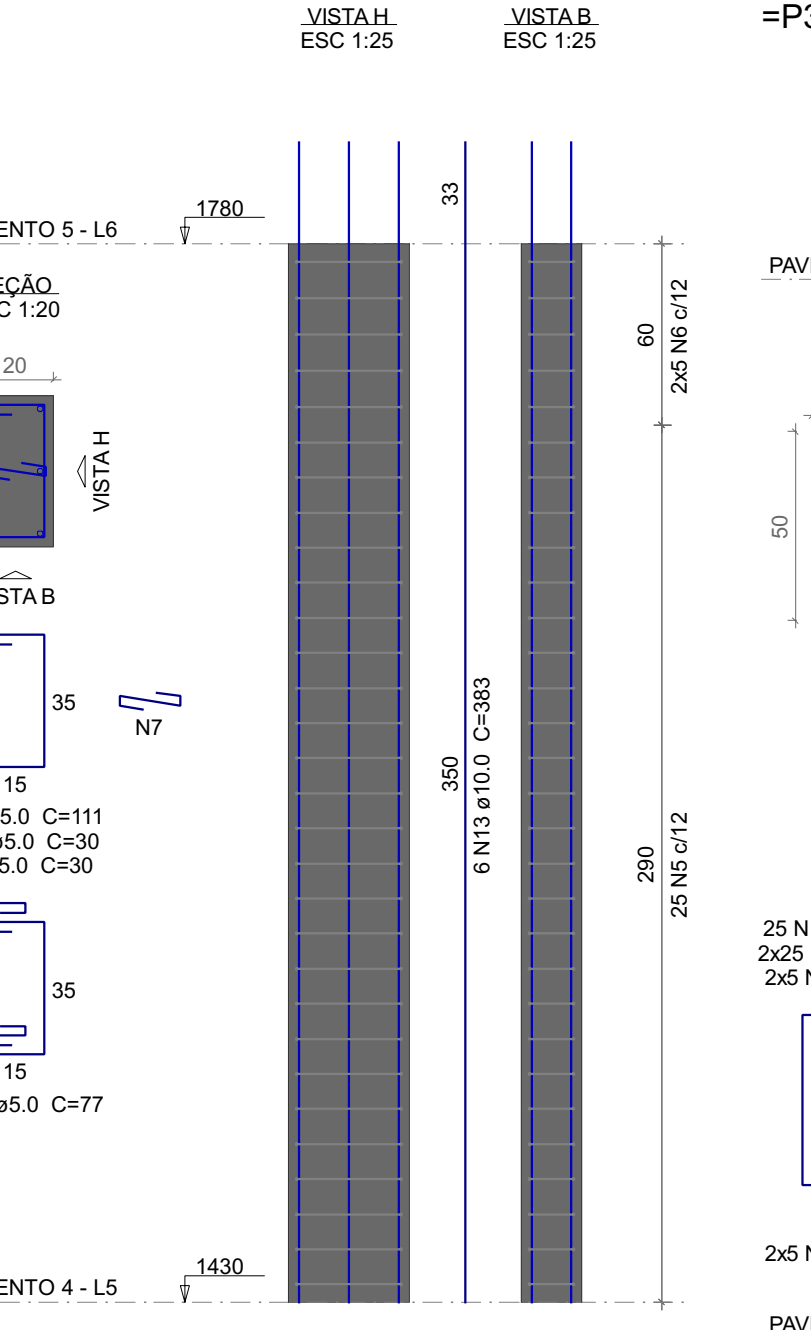
P6



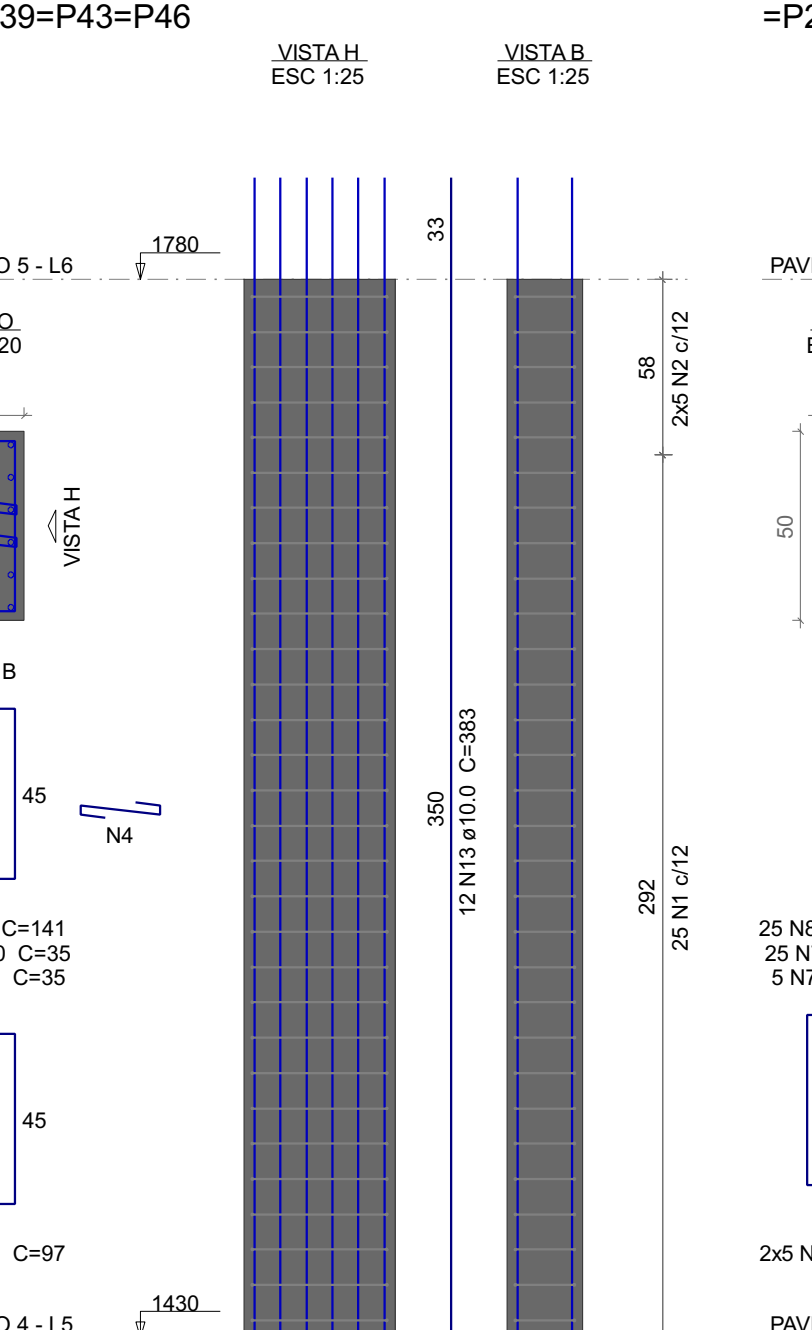
P7



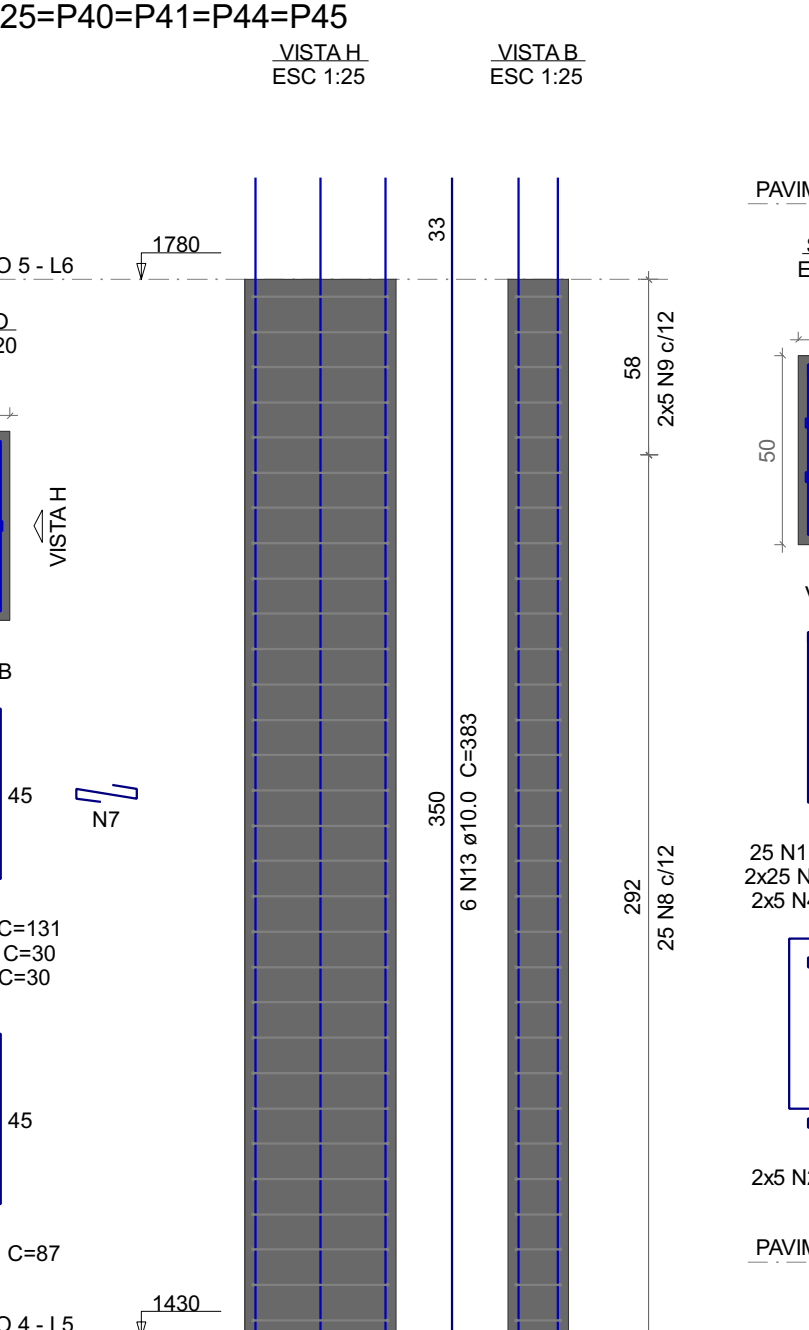
P8=P9=P13



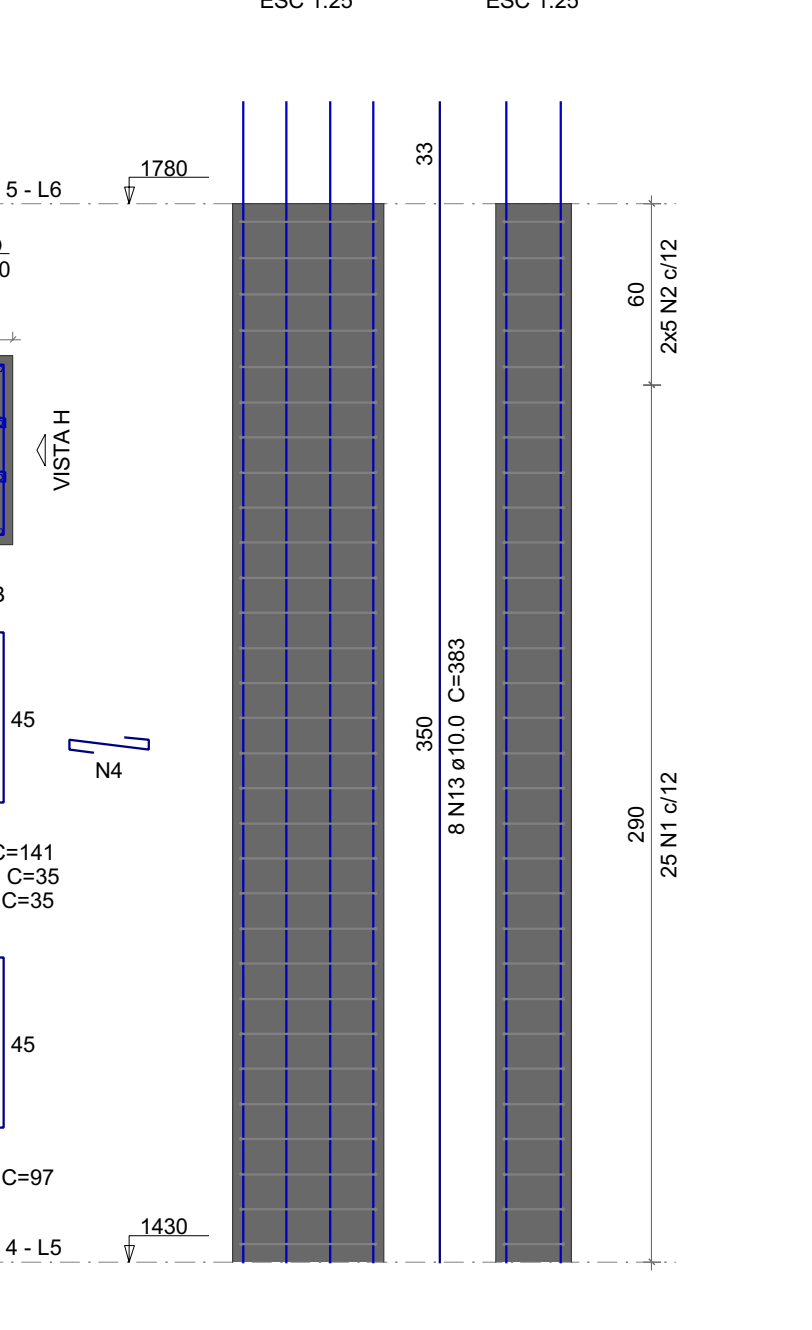
P10=P15=P18=P19=P23=P29=
=P35=P39=P43=P46



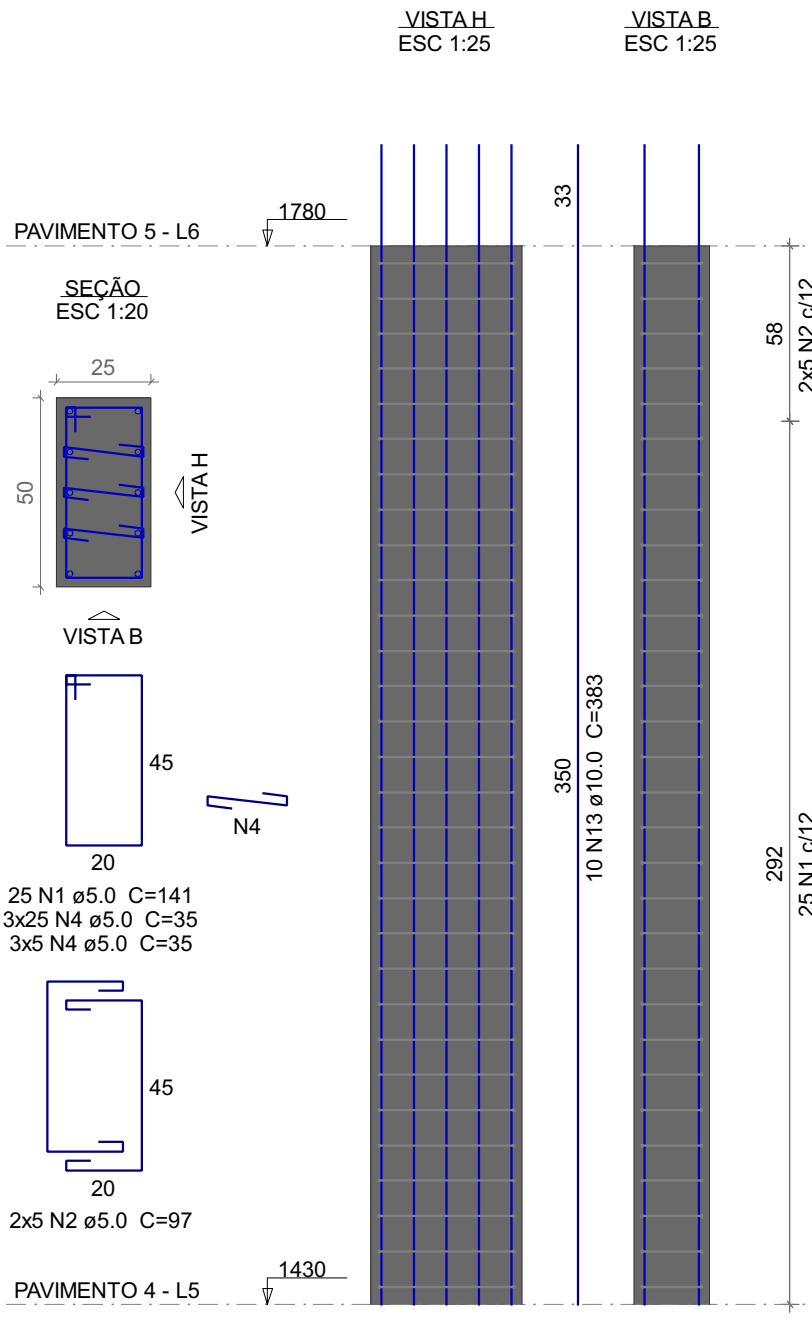
P11=P12=P16=P17=P20=P21=
=P24=P25=P40=P41=P44=P45



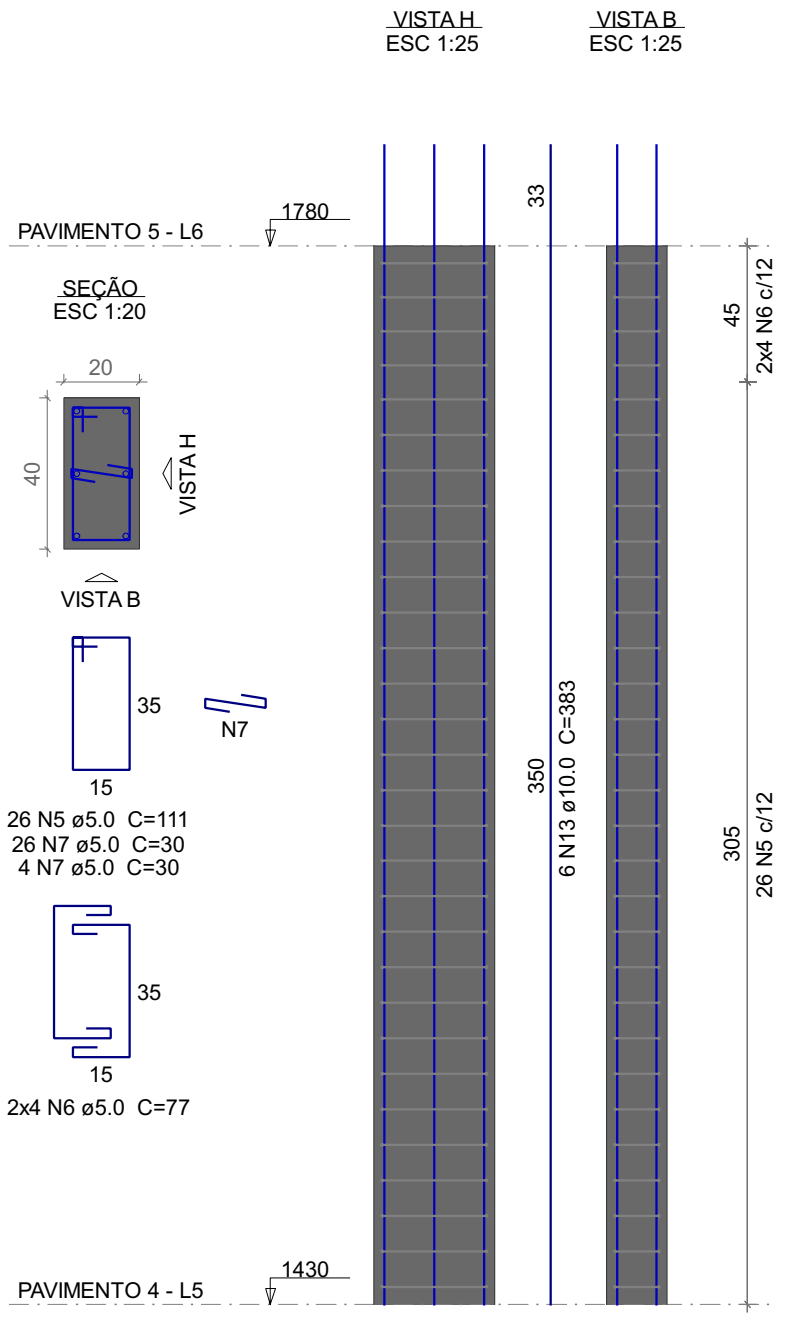
P14



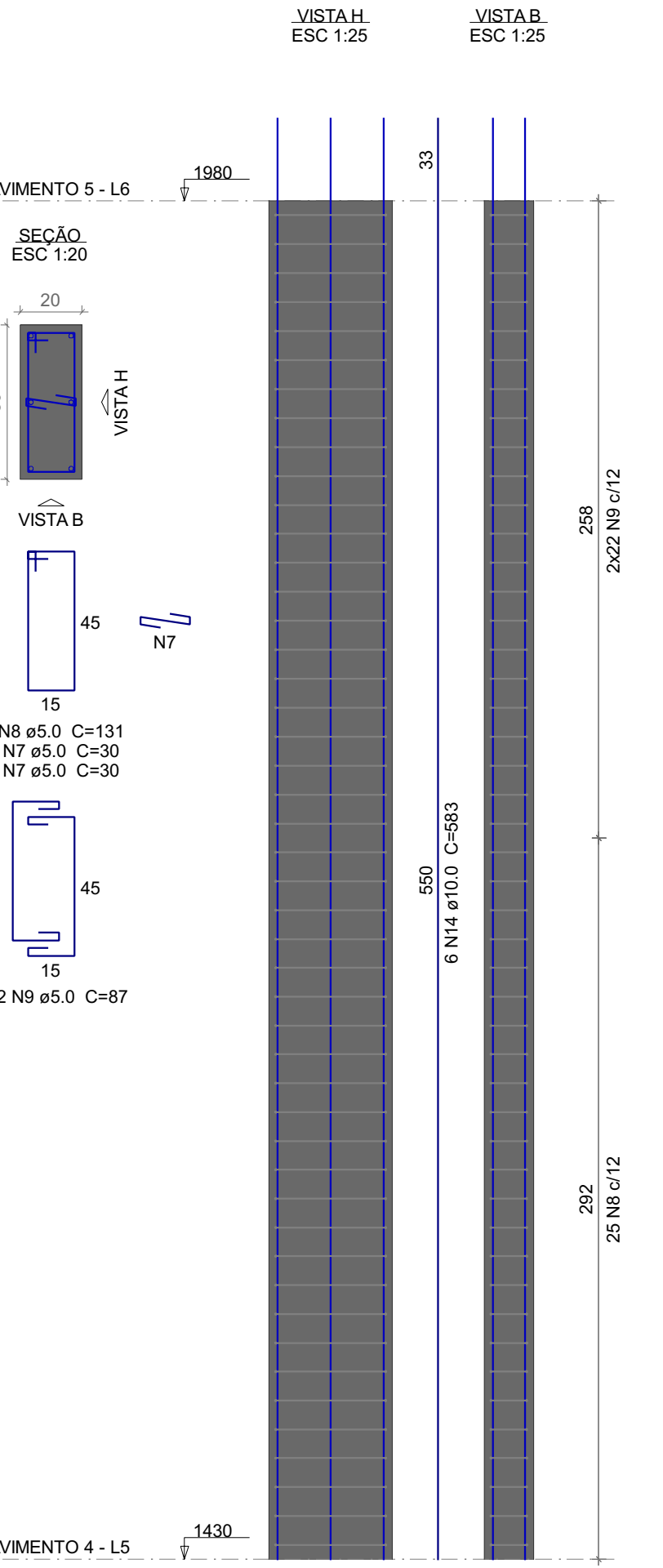
P26=P32=P42



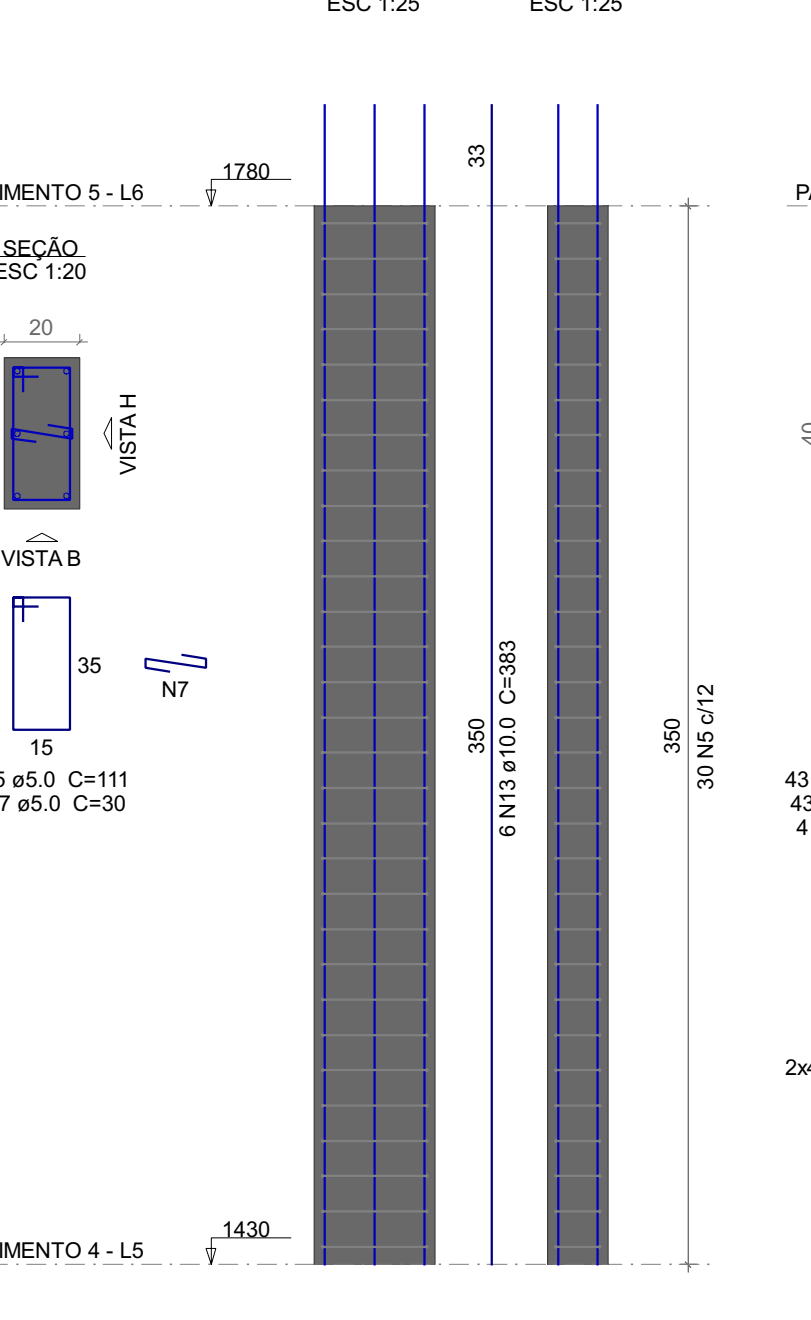
P27=P28=P47=P49



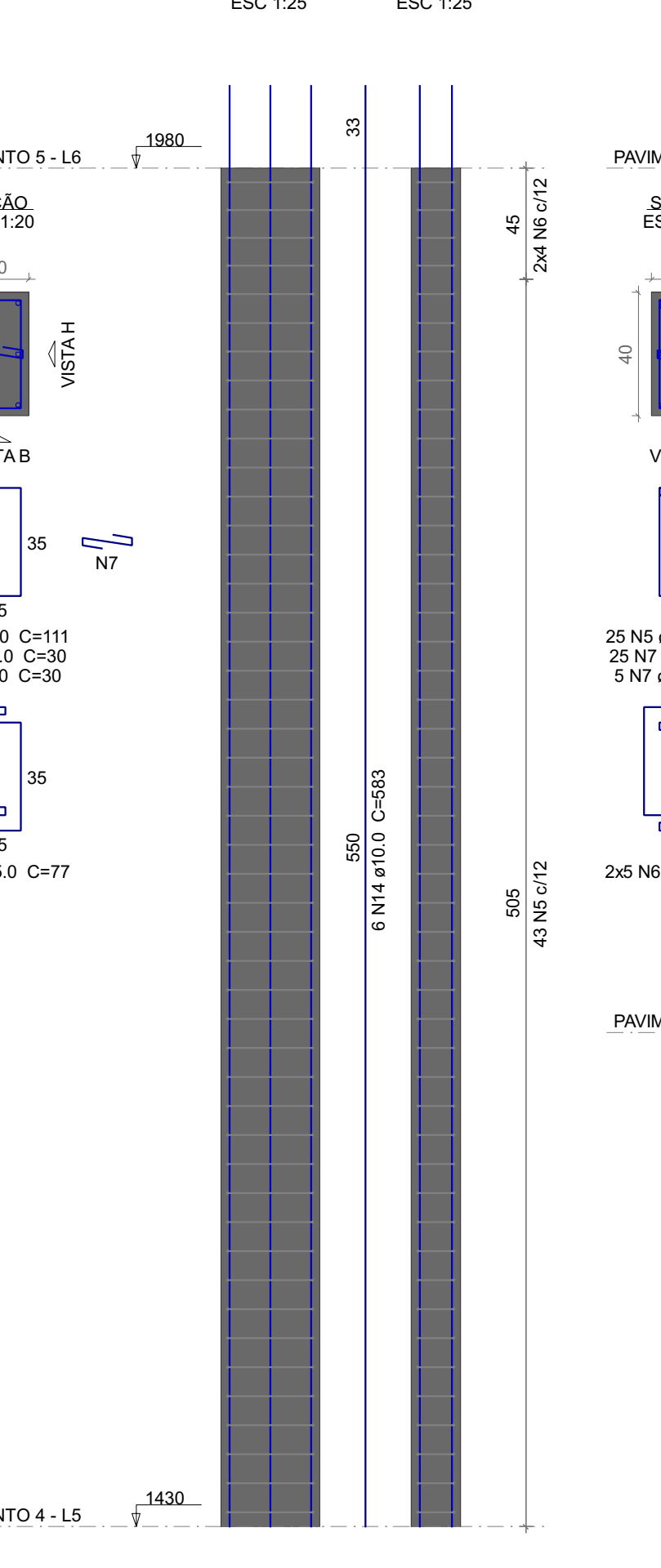
P30=P31=P36=P37



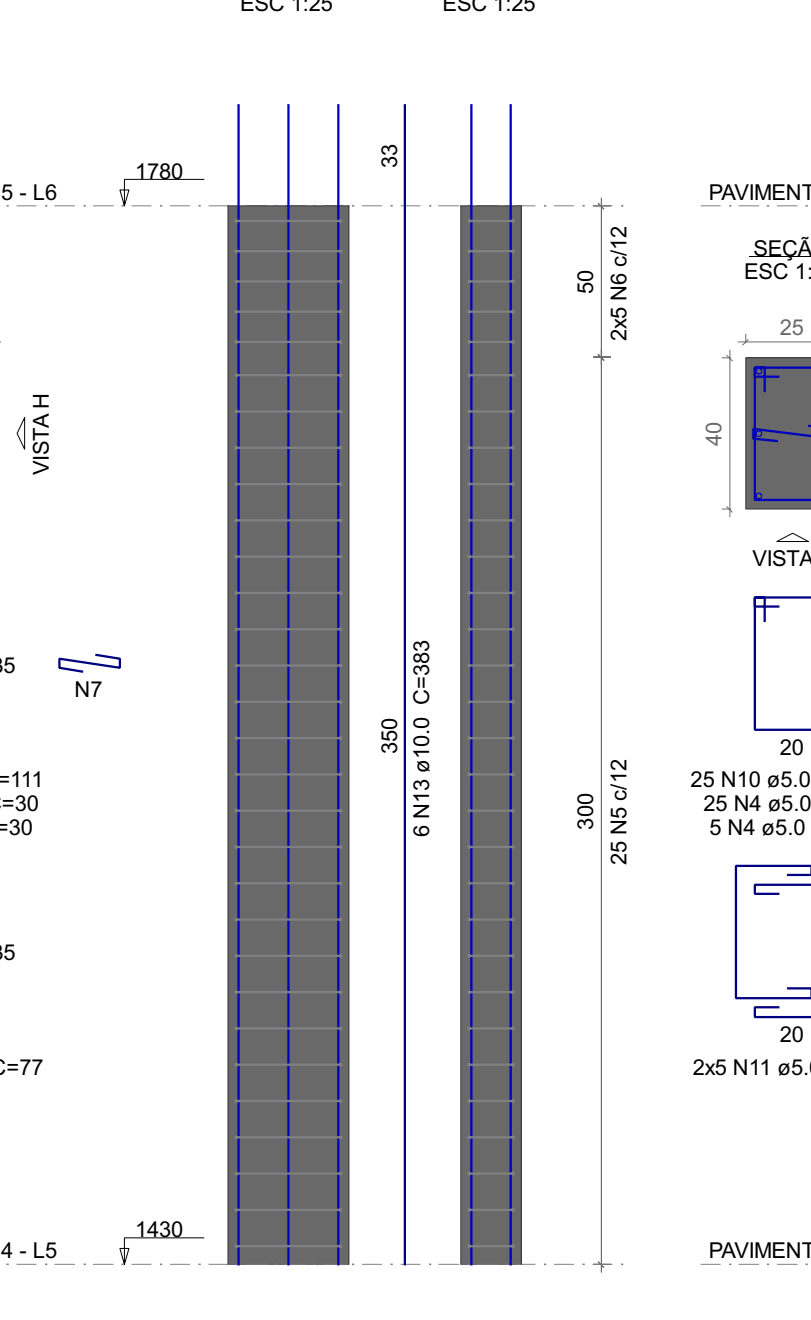
P33



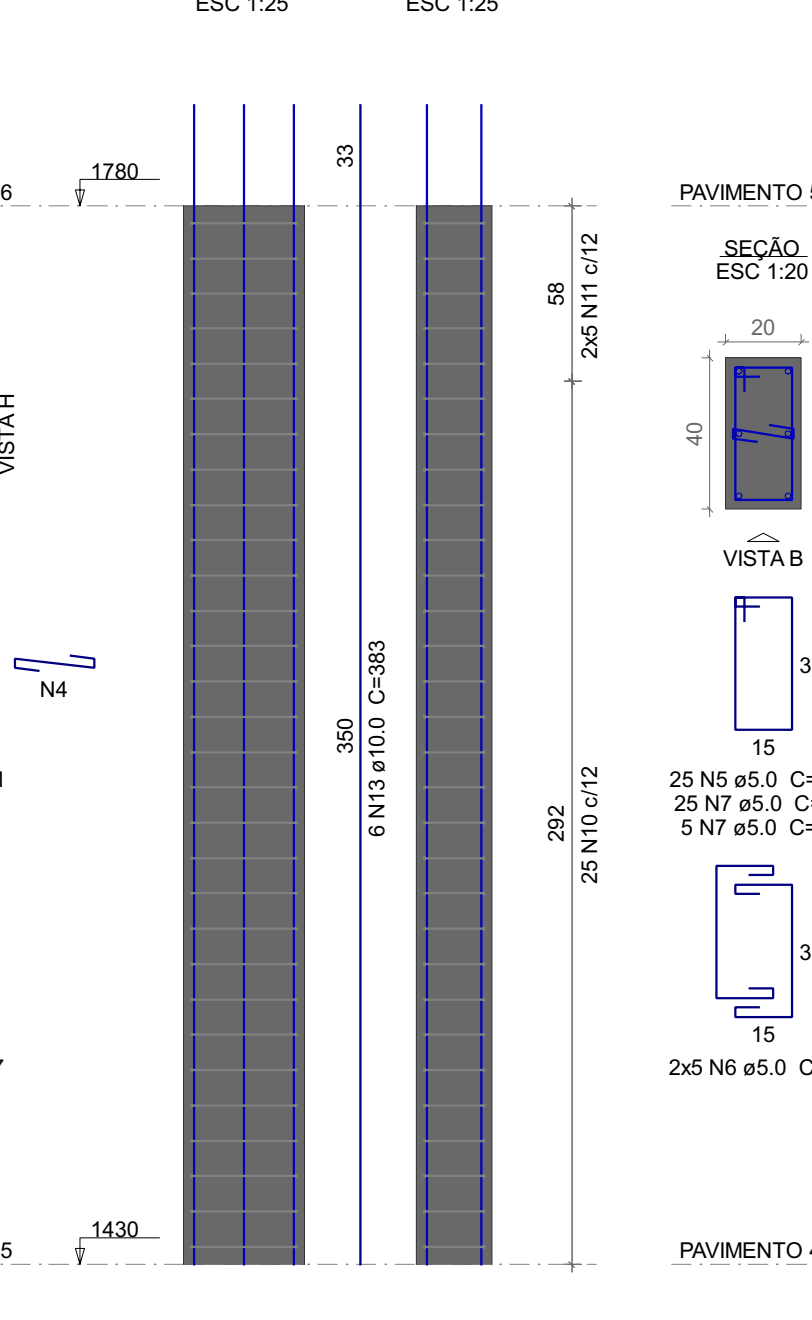
P34



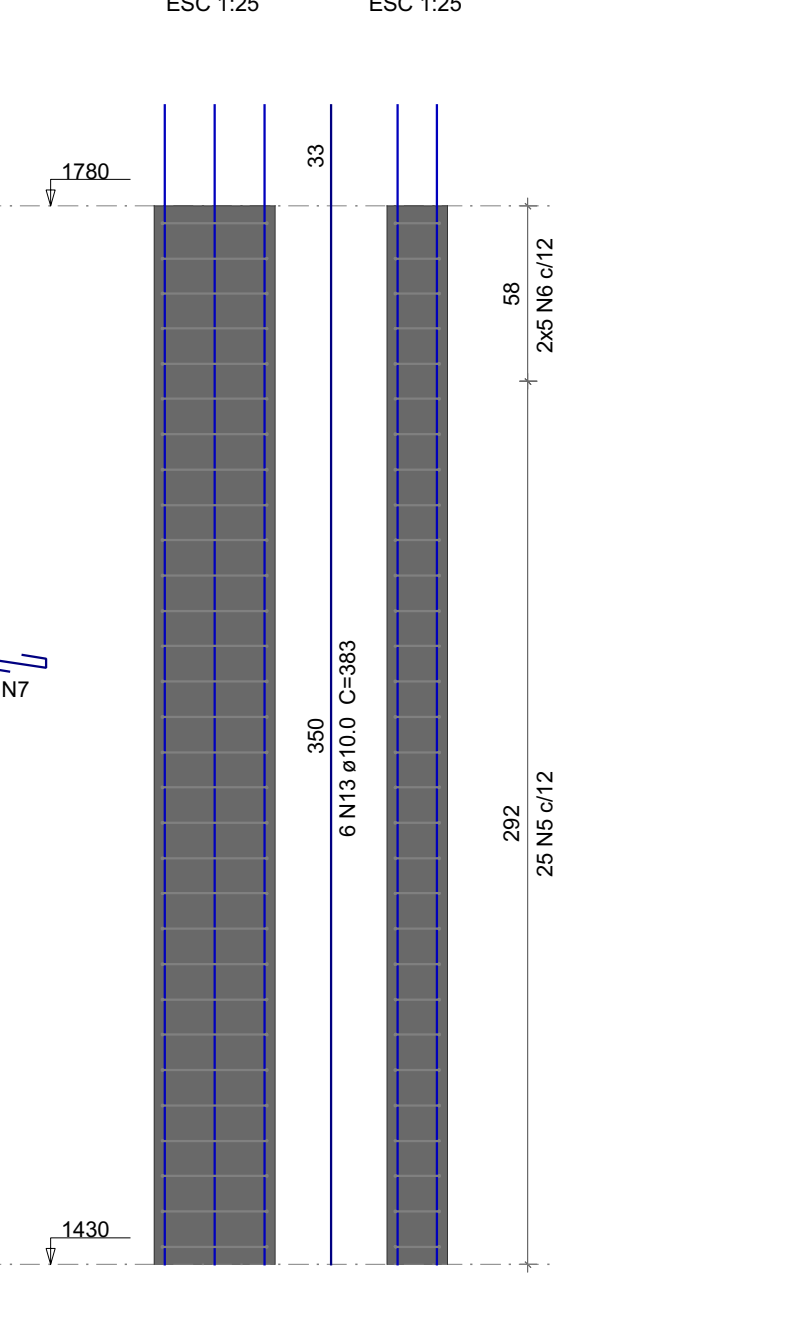
P48



P51



P52



Relação do aço					
5xP1	2xP3	3xP5			
P6	P7	3xP8			
10xP10	12xP11	P14			
3xP26	4xP27	4xP30			
P33	P34	P48			
P51	P52				
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	590	141	83190
	2	5.0	292	97	28324
	3	5.0	140	35	4900
	4	5.0	1312	35	45920
	5	5.0	364	111	40404
	6	5.0	136	77	10472
	7	5.0	980	30	29400
	8	5.0	400	131	52400
	9	5.0	296	87	25752
	10	5.0	25	121	3025
CA50	11	5.0	10	87	870
	12	10.0	28	533	14924
	13	10.0	320	383	122560
	14	10.0	30	583	17490
	15	12.5	30	392	11760

Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	1549.8	1051
CA60	12.5	117.6	124.6
CA60	5.0	3246.6	550.4
PESO TOTAL (kg)			
CA50	1175.6		
CA60	550.4		

Volume de concreto (C=30) = 21.66 m³
Área de forma = 285.25 m²