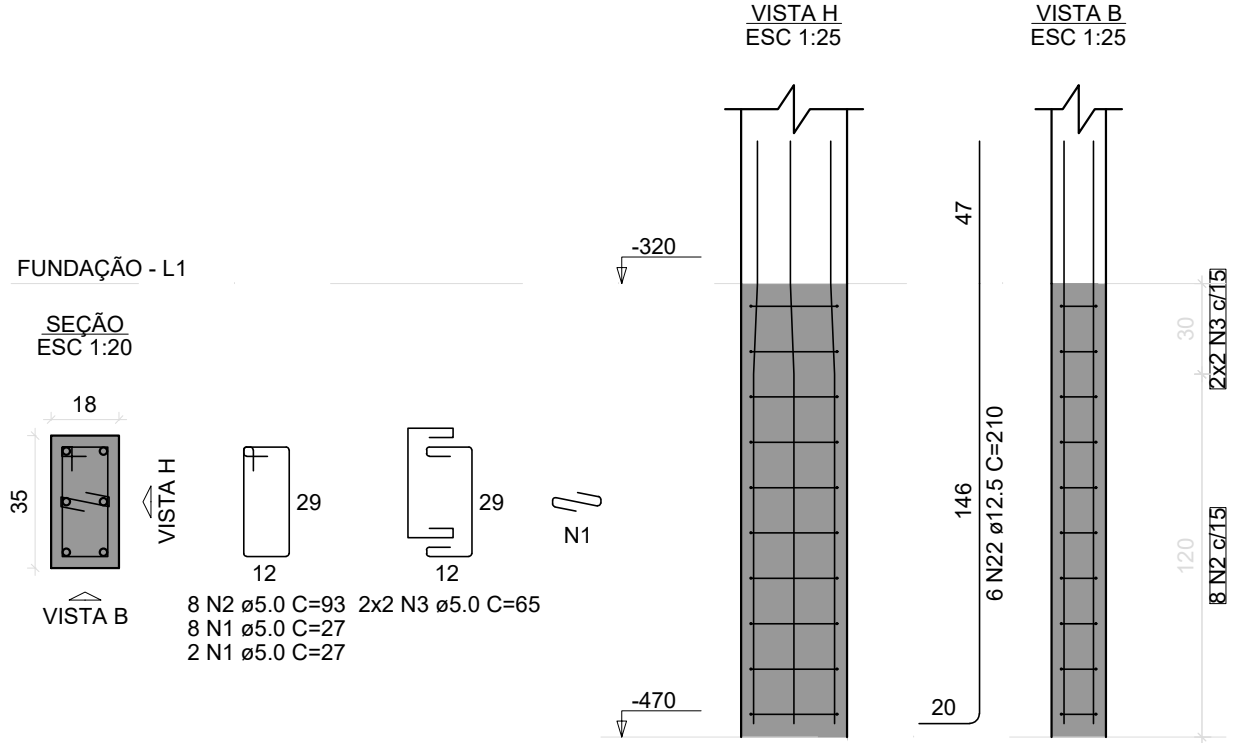
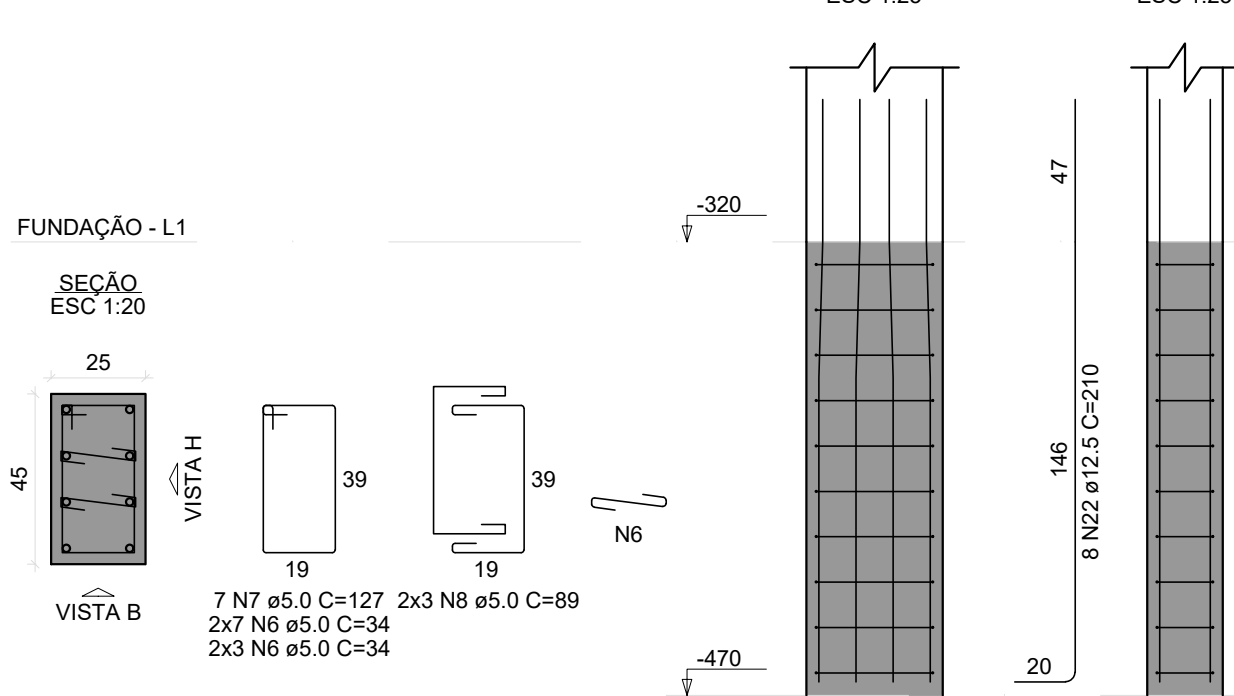


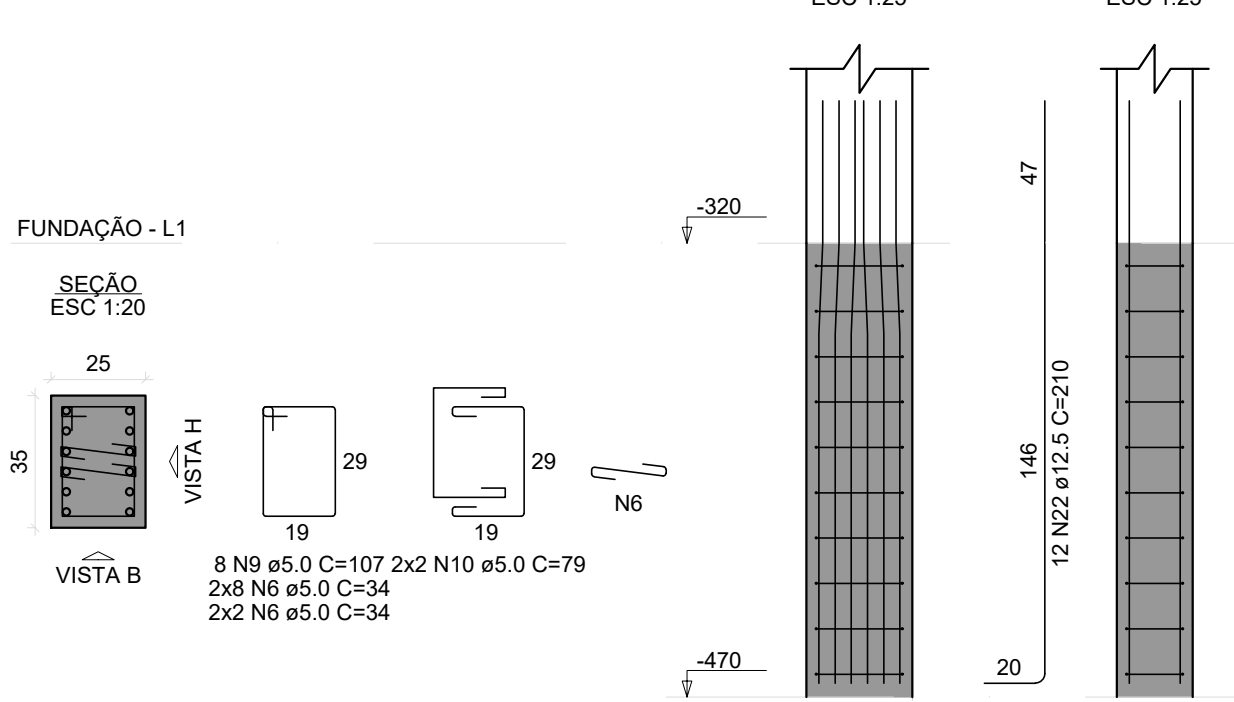
P1=P2=P5=P21



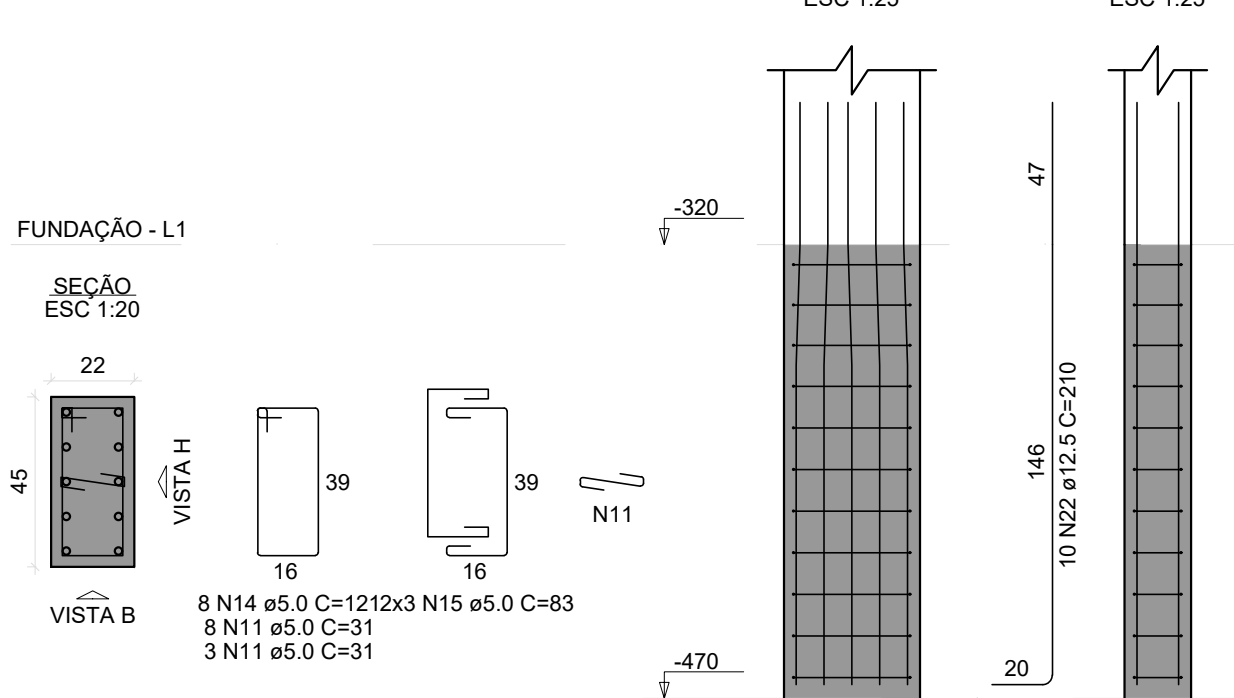
P7



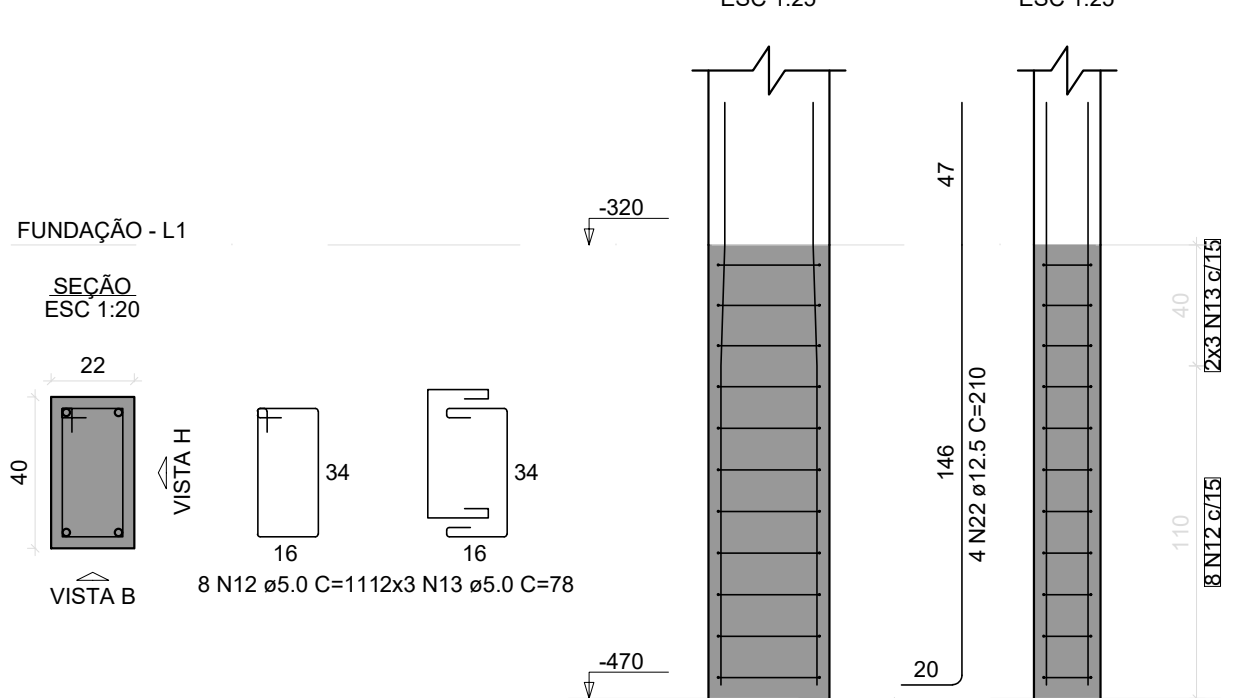
P10



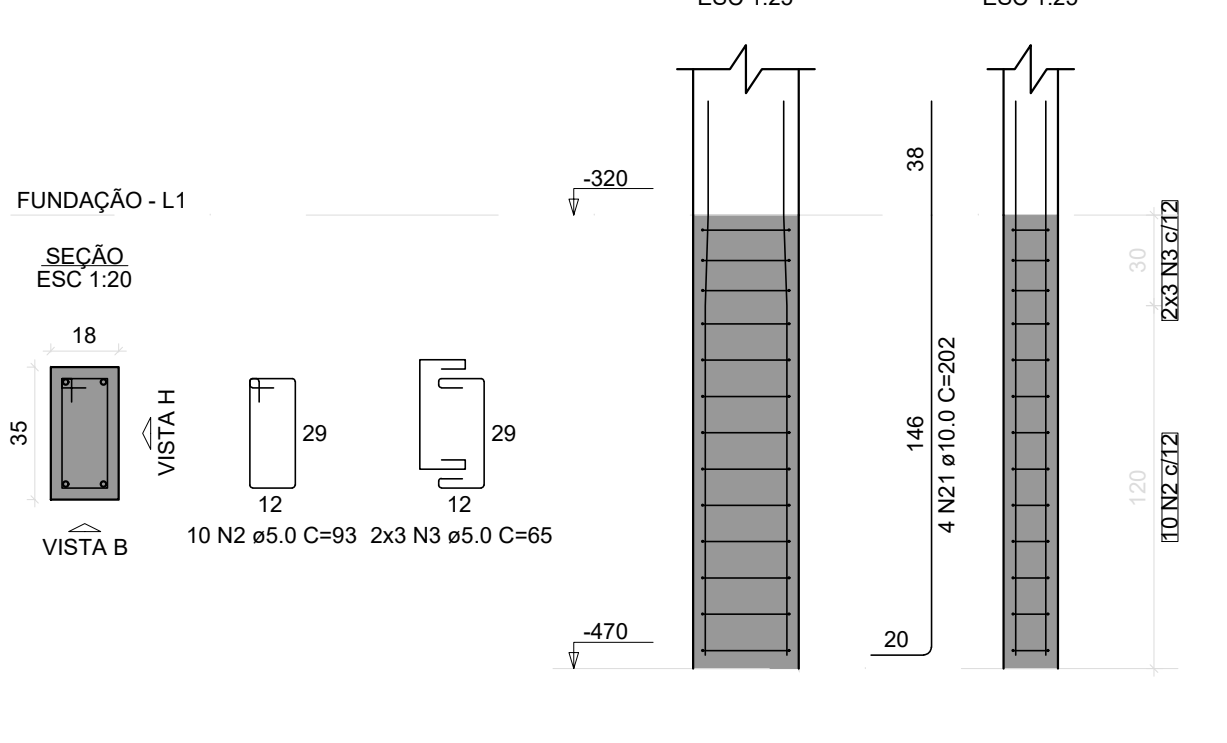
P13



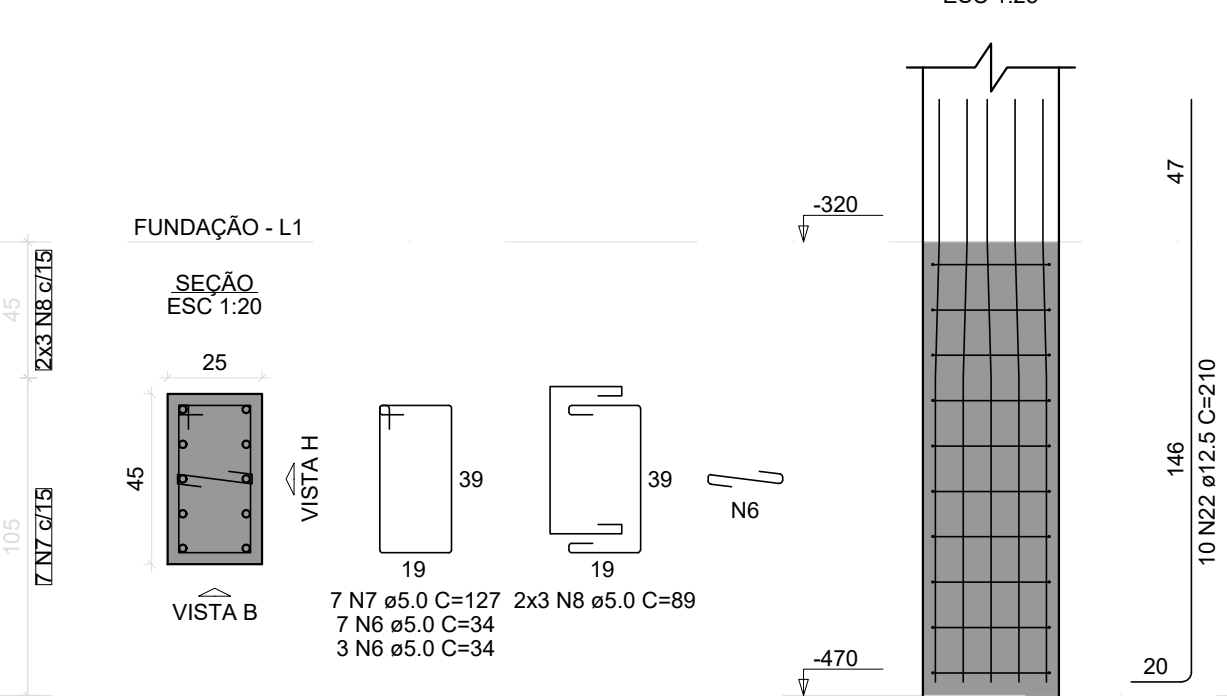
P17



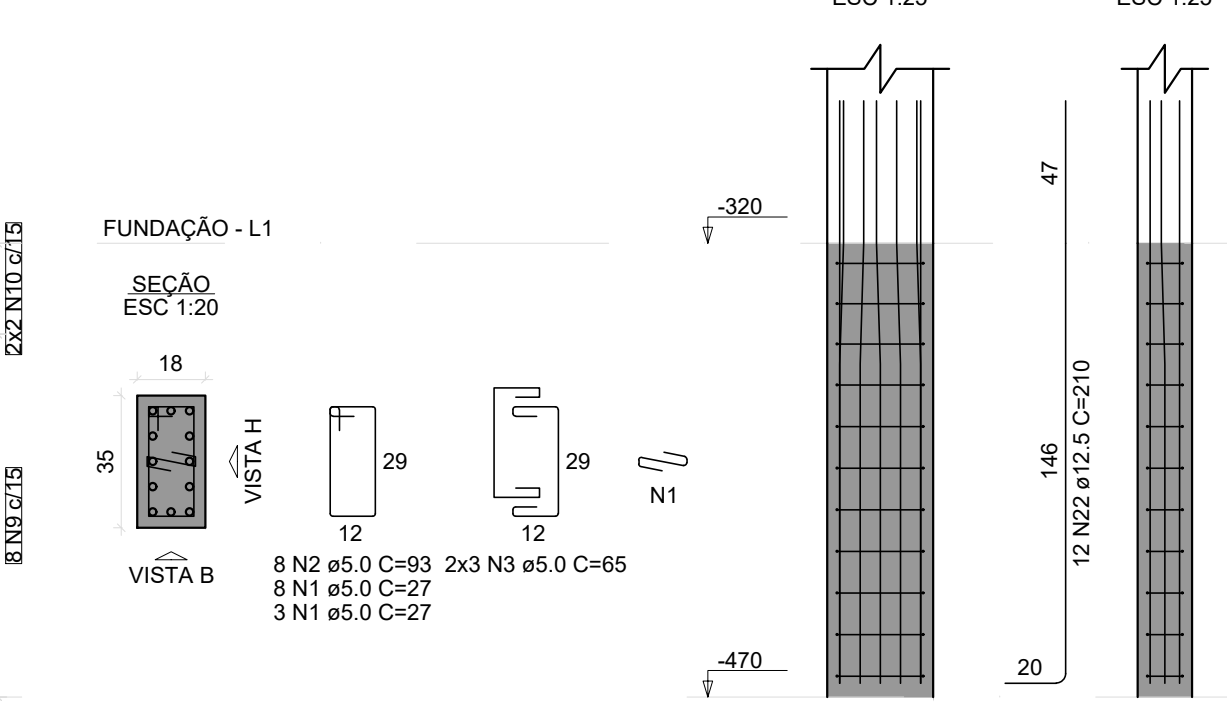
P3



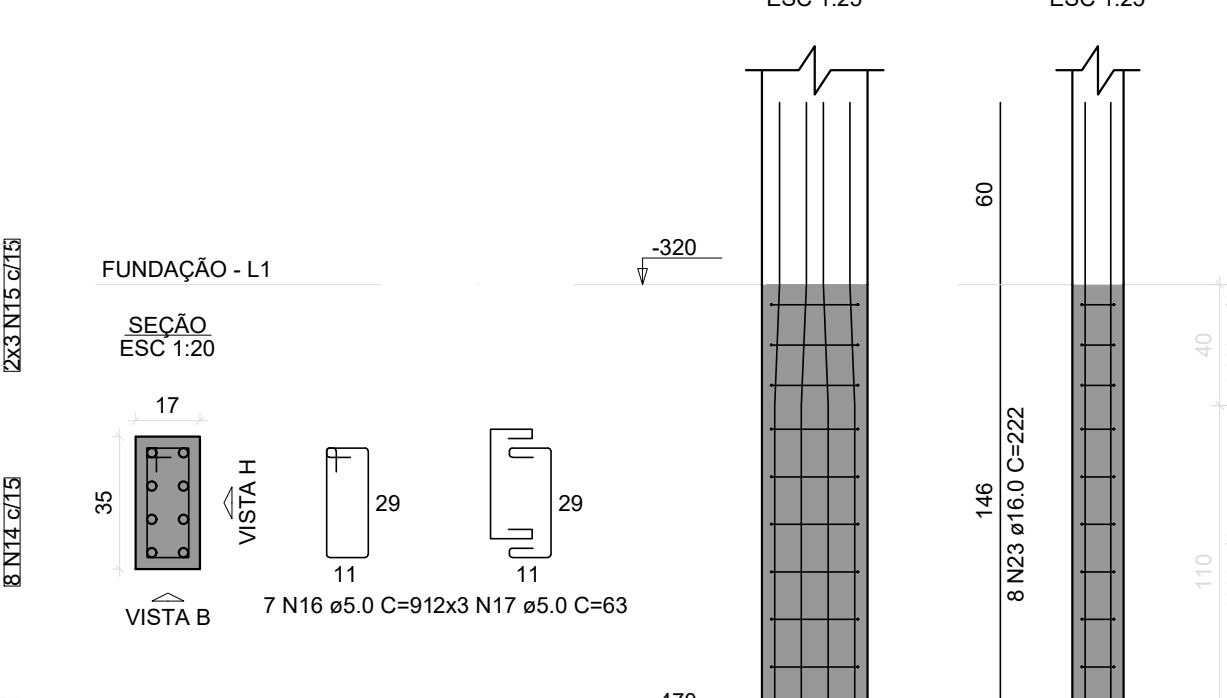
P8



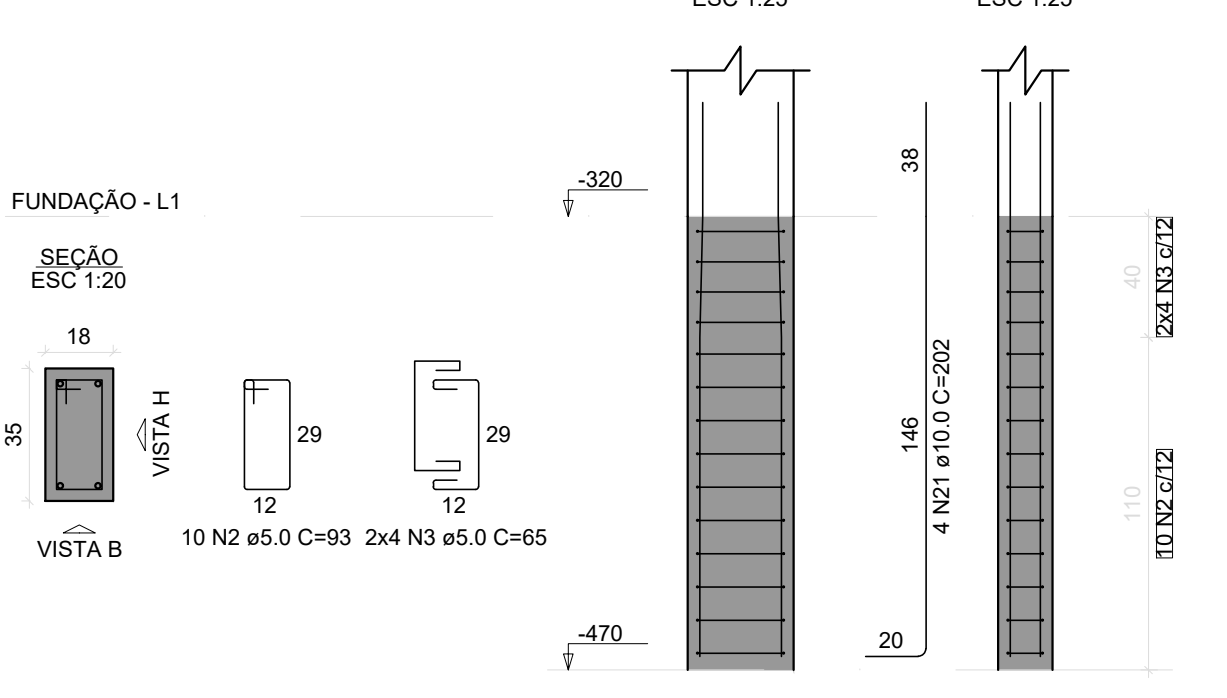
P11



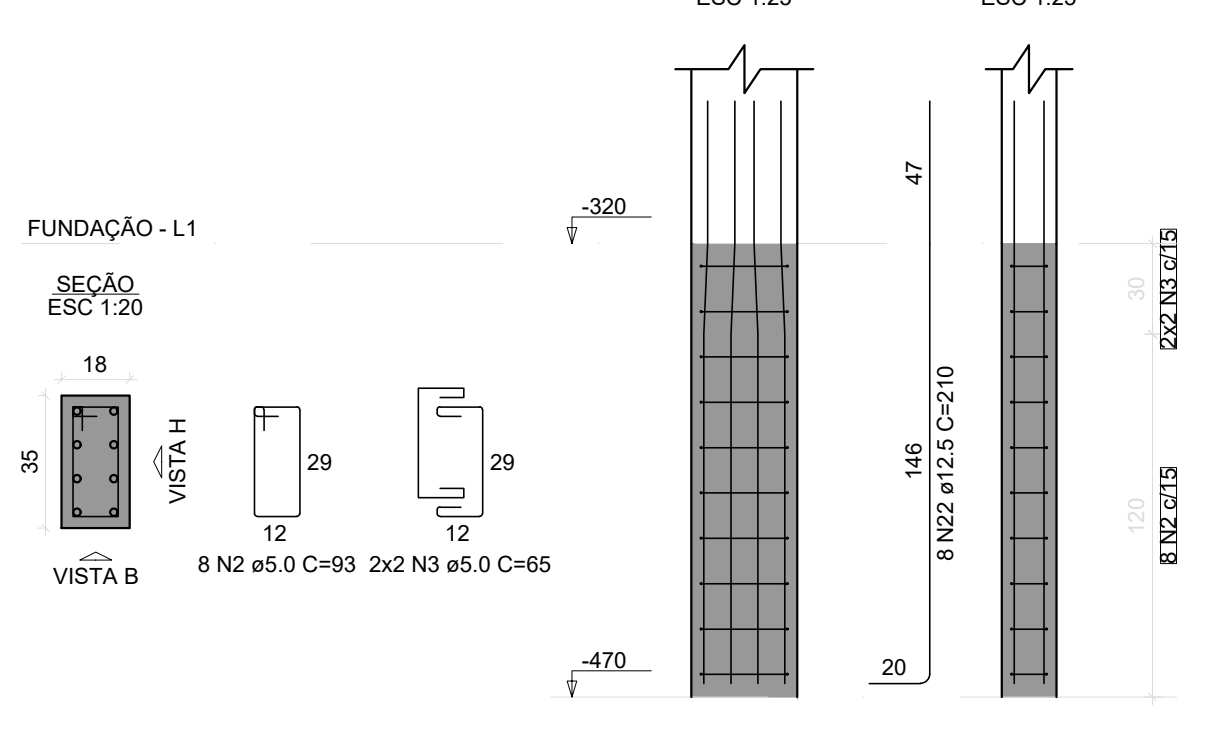
P14



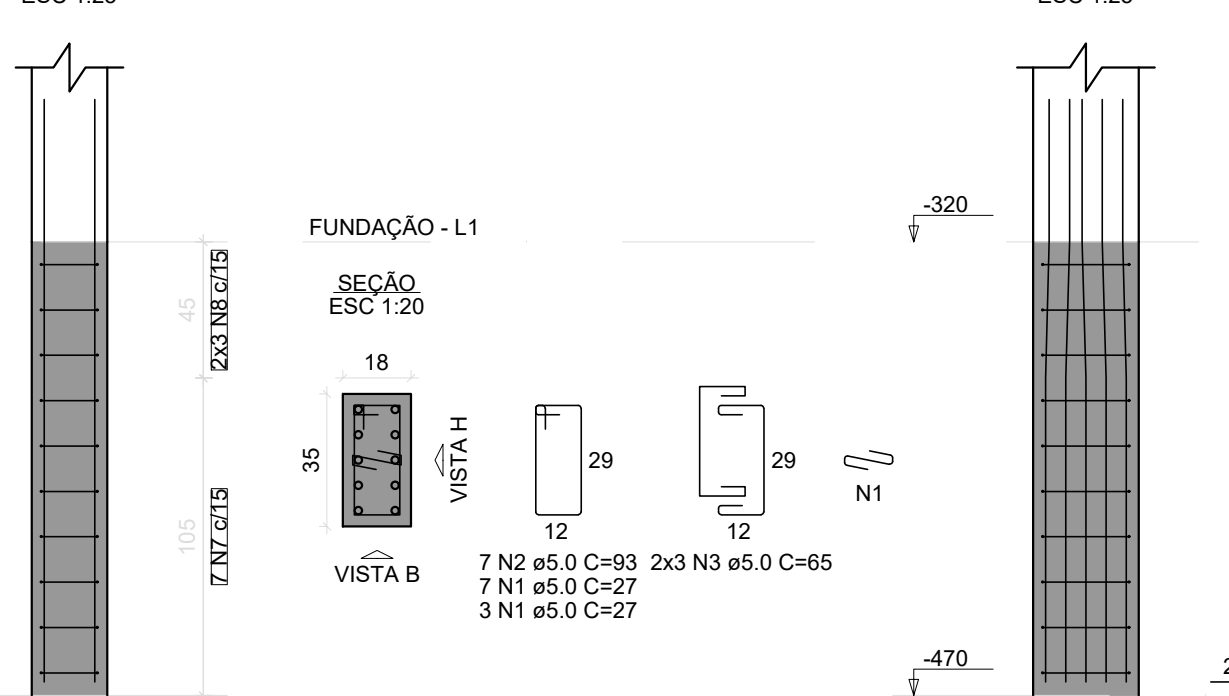
P18



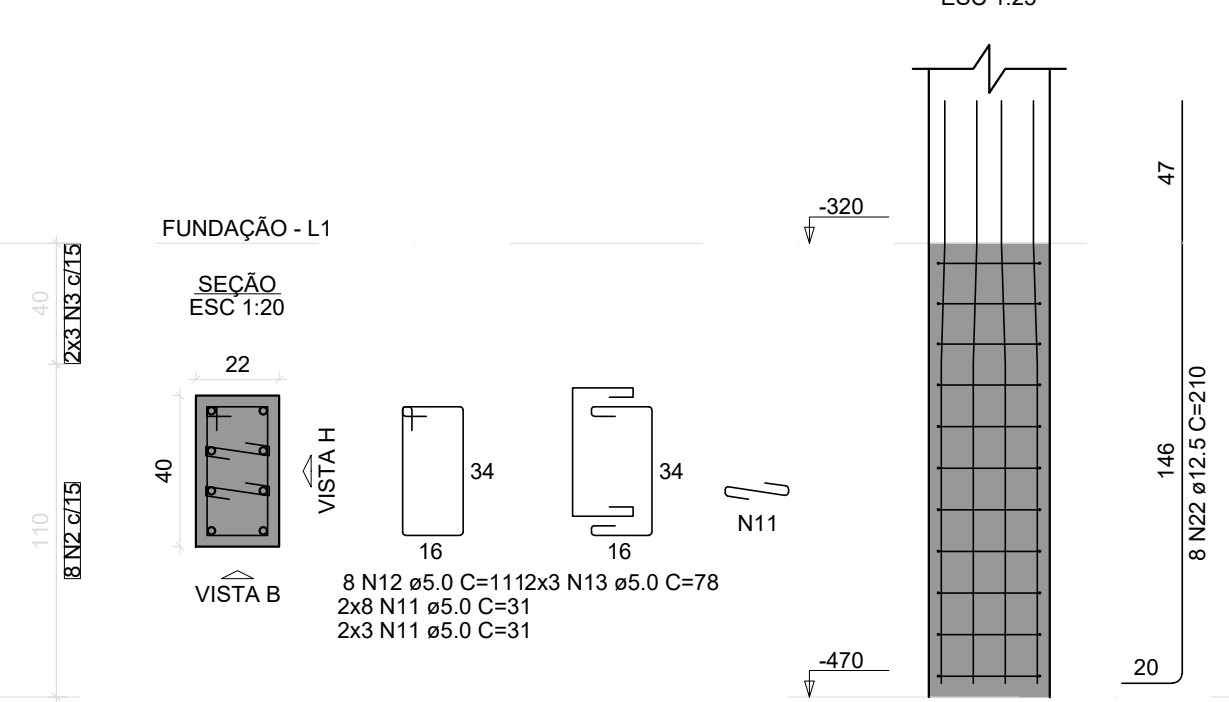
P4



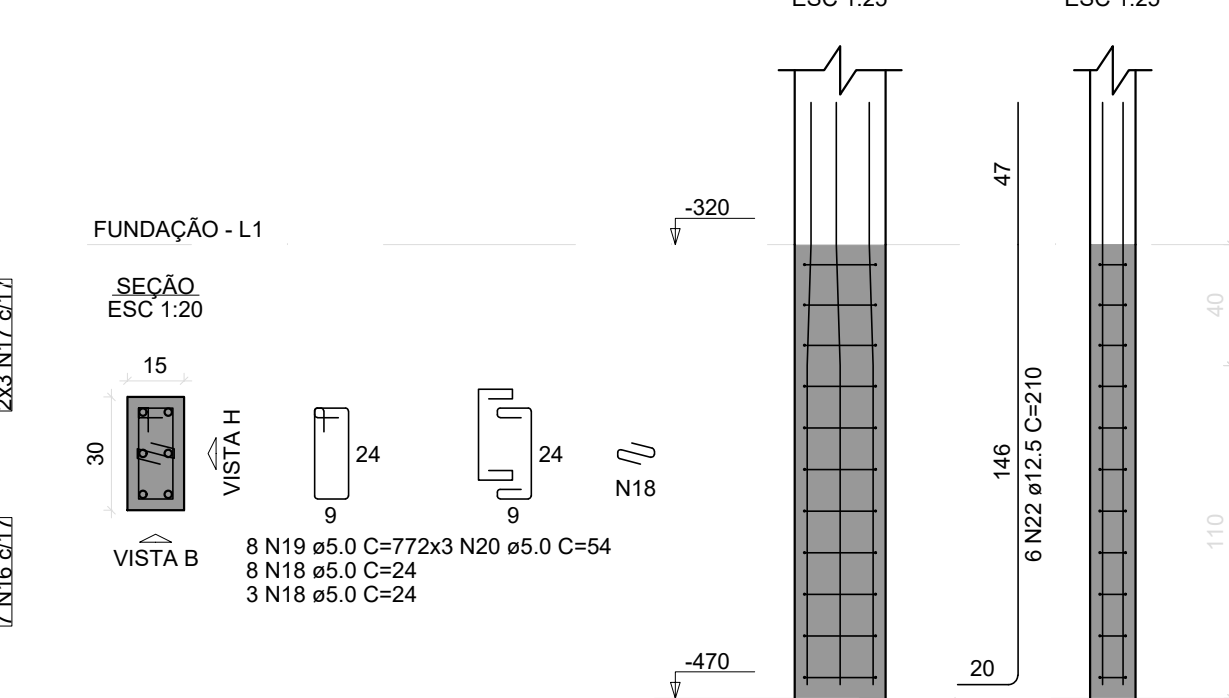
P9



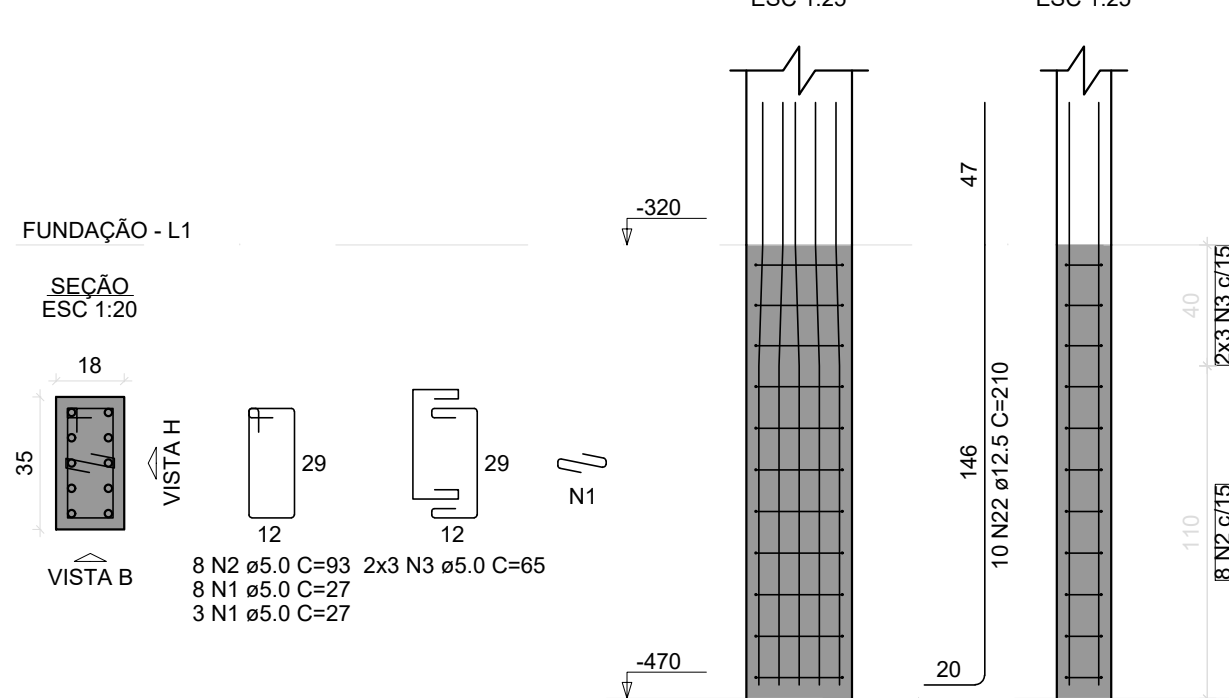
P12



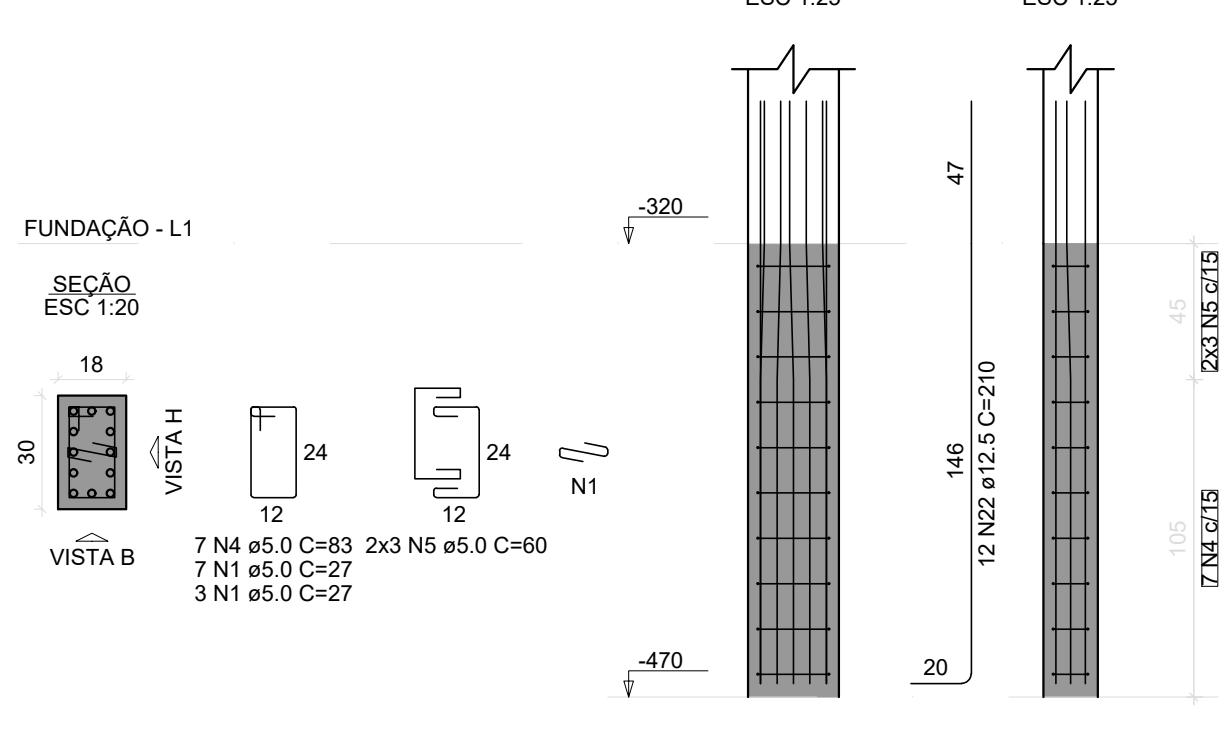
P15



P19



P6



RELAÇÃO DO AÇO					
4xP1	P3	P4			
P6	P7	P8			
P9	P10	P11			
P12	P13	P14			
P15	P16	P17			
P18					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	82	27	2214
	2	5.0	91	93	8463
	3	5.0	58	65	3770
	4	5.0	7	83	581
	5	5.0	6	60	360
	6	5.0	50	34	1700
	7	5.0	14	127	1778
	8	5.0	12	89	1068
	9	5.0	8	107	856
	10	5.0	4	79	316
	11	5.0	33	31	1023
	12	5.0	16	111	1776
	13	5.0	12	78	936
	14	5.0	8	121	968
	15	5.0	6	83	498
	16	5.0	7	91	637
	17	5.0	6	63	378
	18	5.0	11	24	264
	19	5.0	8	77	616
	20	5.0	6	54	324
	21	10.0	8	202	1616
	22	12.5	138	210	28980
	23	16.0	8	222	1776
RESUMO DO AÇO					
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)		
CA50	10.0	16.2	11		
	12.5	289.8	307.1		
CA60	16.0	17.8	30.8		
	5.0	285.3	48.4		
PESO TOTAL (kg)					
CA50		348.9			
CA60		48.4			

Volume de concreto (C-25) = 1.45 m³
Área de forma = 22.49 m²