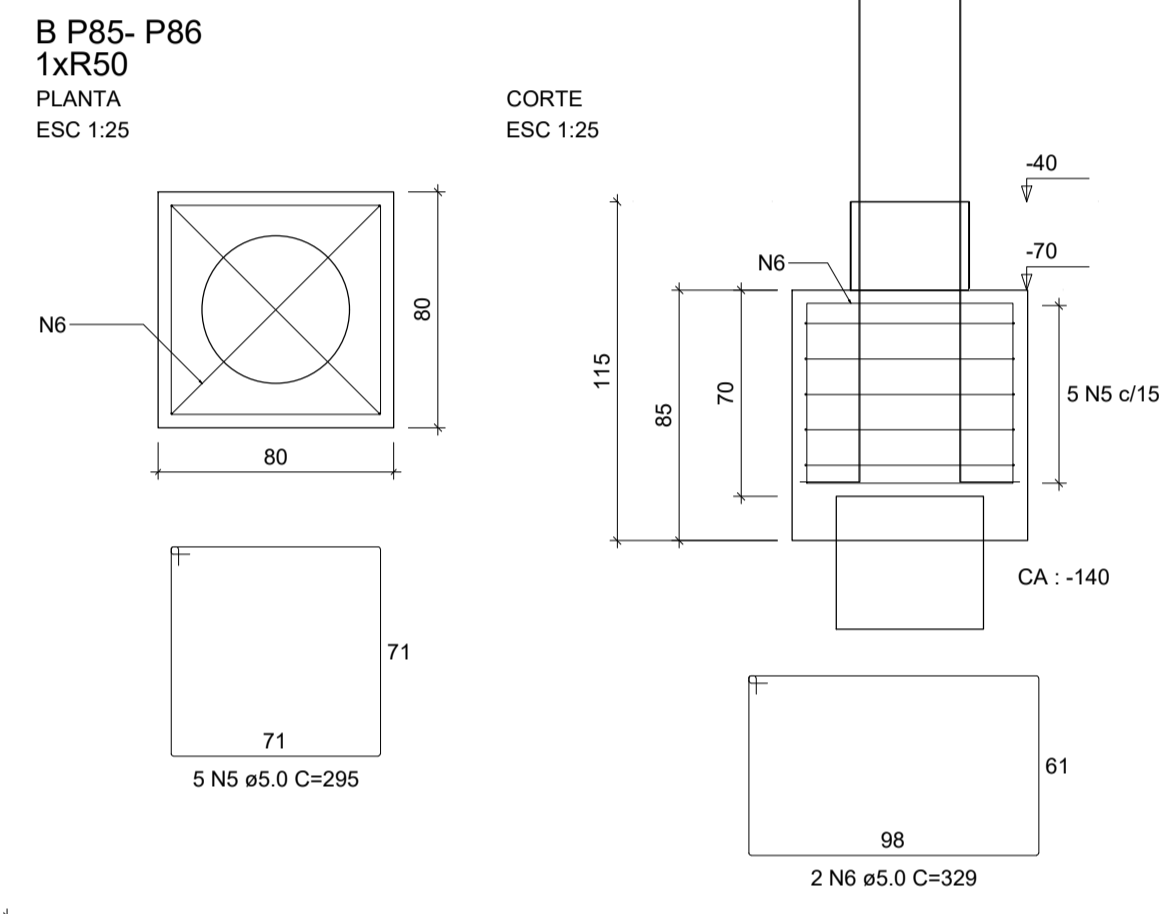
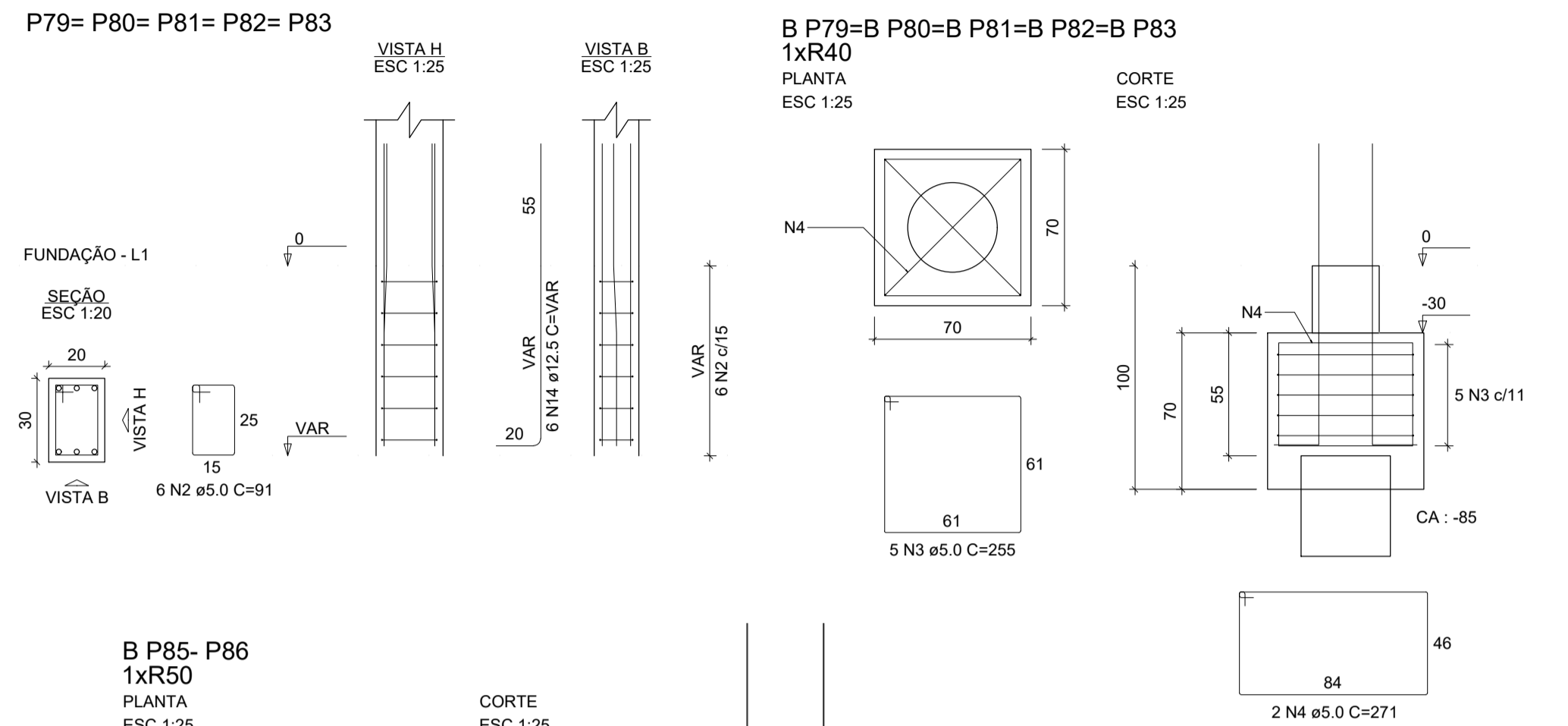
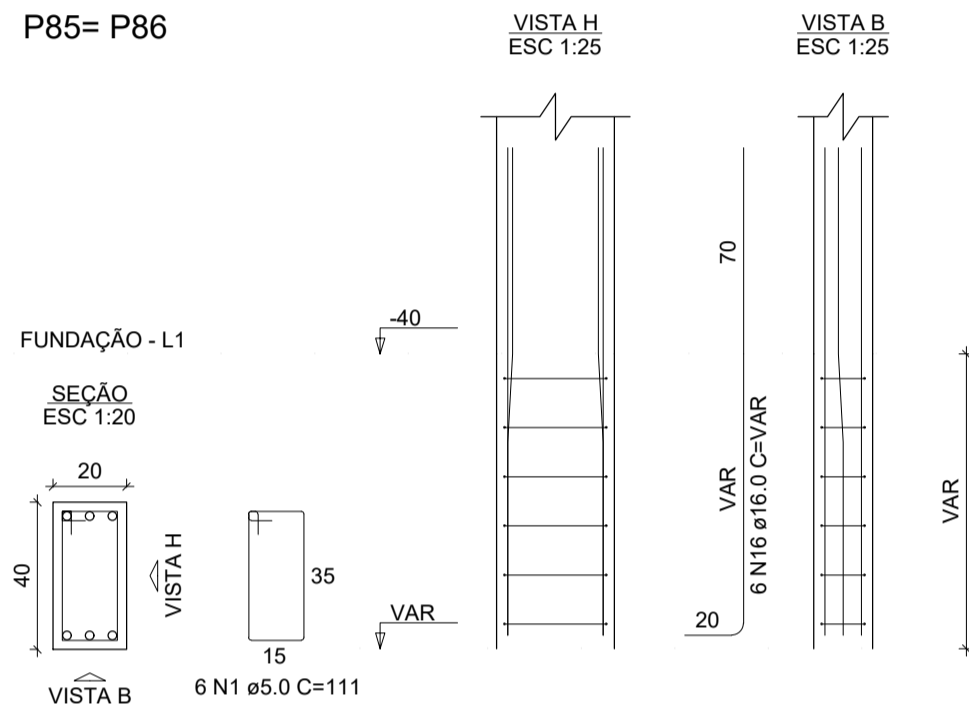
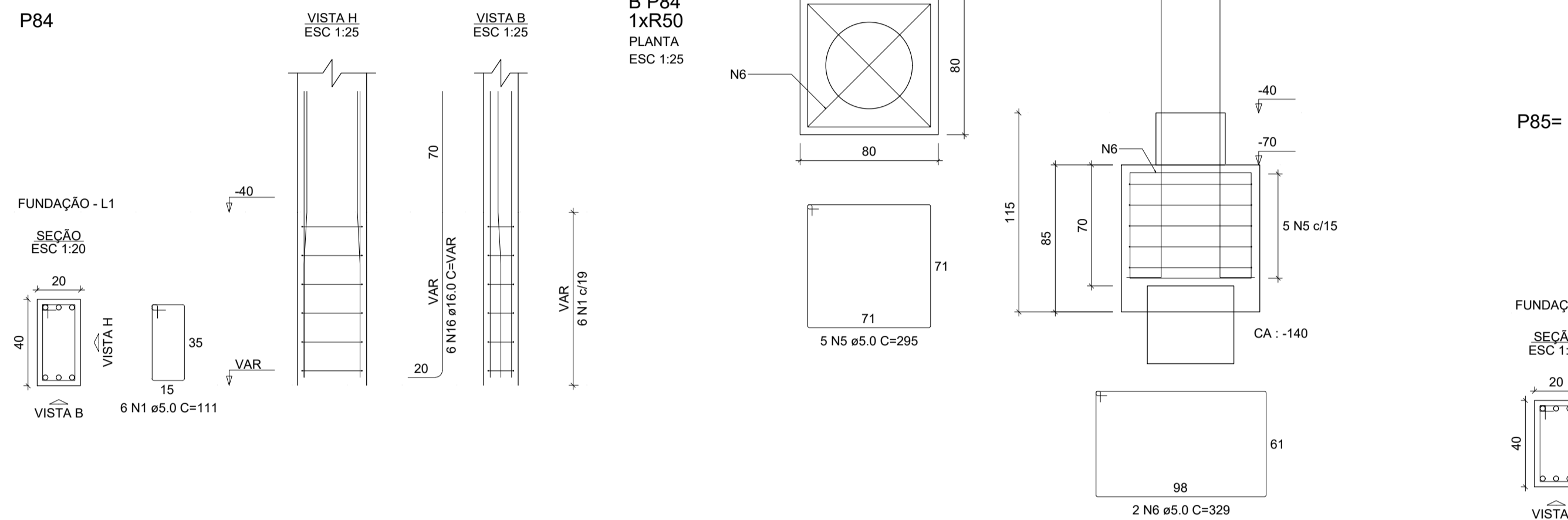
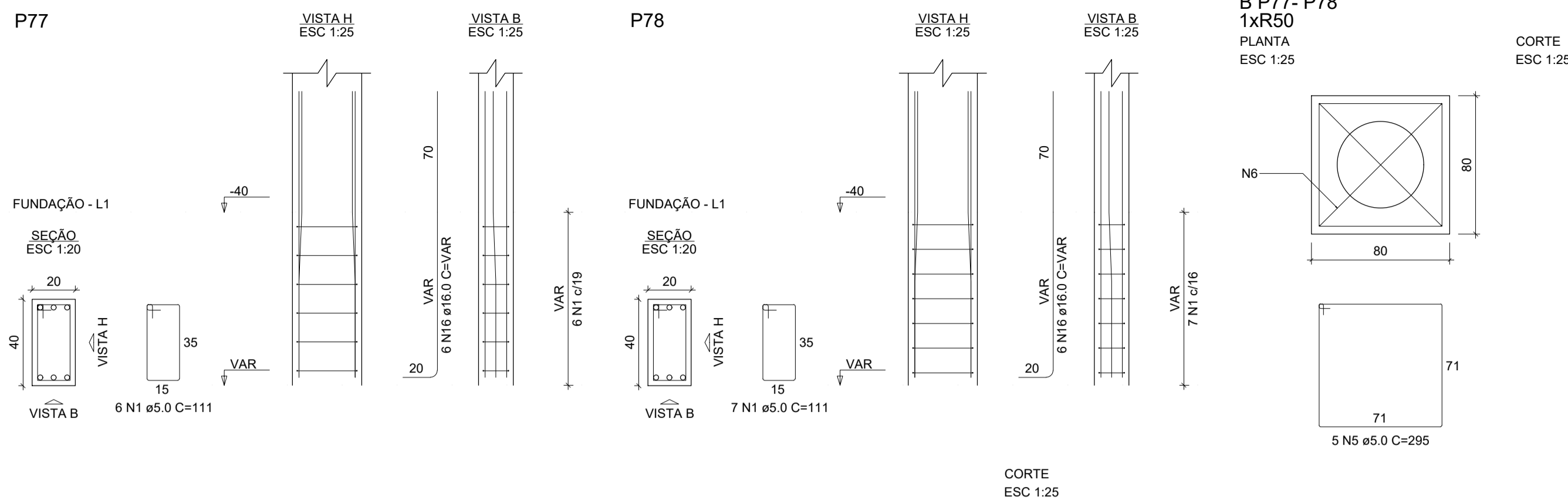


TRECHO 10  
PILARES 78 A 85

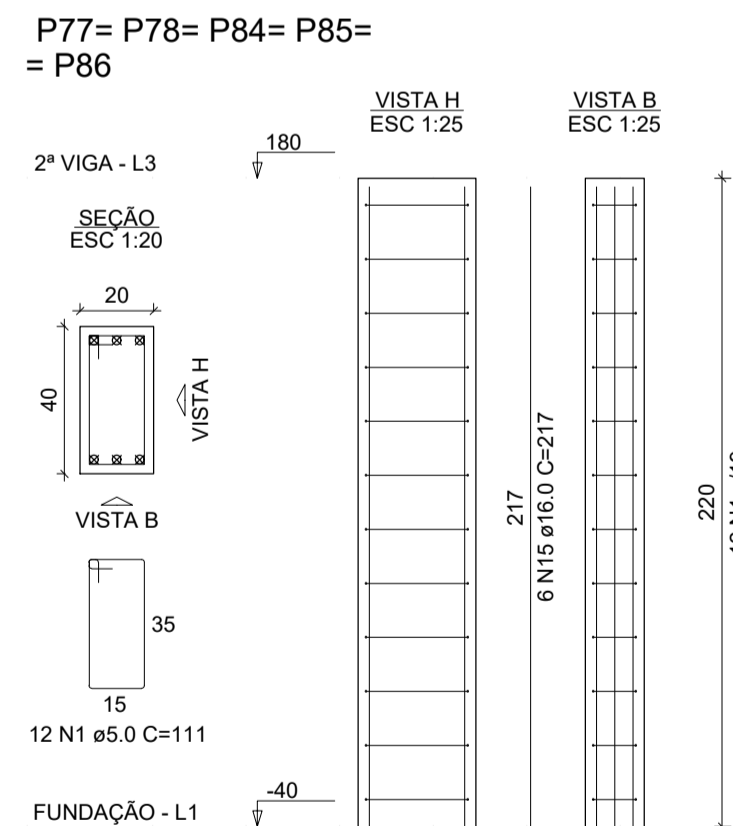
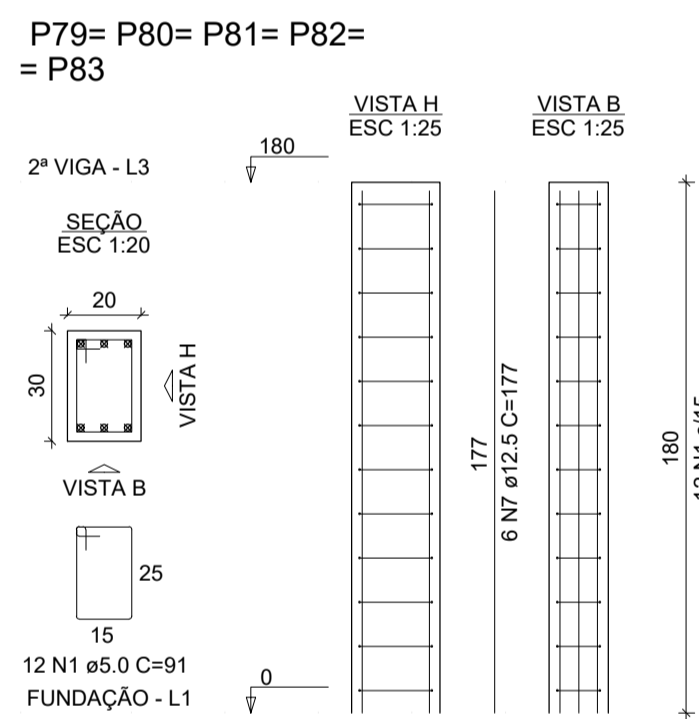


**RELAÇÃO DO AÇO**

		P77-L1		P78-L1	
		P84-L1		P87-P85-L1	
		B P4-L1		B P77-L1	
		P85-P86-L1		TRECHO 10 - V1-L3 TRECHO 10 - V2-L2	
		TRECHO 10 - V81-TRECHO 10 - V82-L1			
AÇO	N	DIAM (mm)	QUANT	C.UNIT (mm)	C.TOTAL (mm)
CA50	1	5,0	91	111	10101
	2	5,0	30	91	2730
	3	5,0	25	265	6375
	4	5,0	10	271	2710
	5	5,0	15	295	4425
CA50	6	5,0	6	329	1974
	7	5,0	19	87	17226
	8	8,0	4	1115	4460
	9	8,0	4	1128	4792
	10	8,0	4	1297	908
	11	8,0	4	236	944
	12	8,0	4	234	936
	13	8,0	4	284	1136
	14	12,5	30	VAR	VAR
	15	16,0	30	VAR	5510
	16	16,0	30	VAR	VAR
	16	16,0	30	VAR	VAR

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	131.8	57.2
	12.5	45.9	48.6
CA60	16.0	119.7	207.8
	5.0	455.4	77.2
PESO TOTAL (kg)			
CA50	313.6		
CA60	77.2		

Volume de concreto (C-25) = 1.09 m<sup>3</sup>  
 Volume de concreto (C-25) = 4.84 m<sup>3</sup>  
 Área de forma = 56.86 m<sup>2</sup>



**RELAÇÃO DO AÇO**

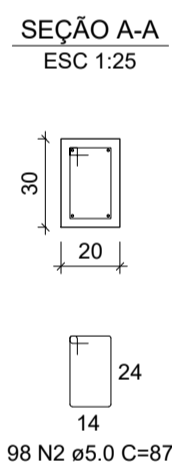
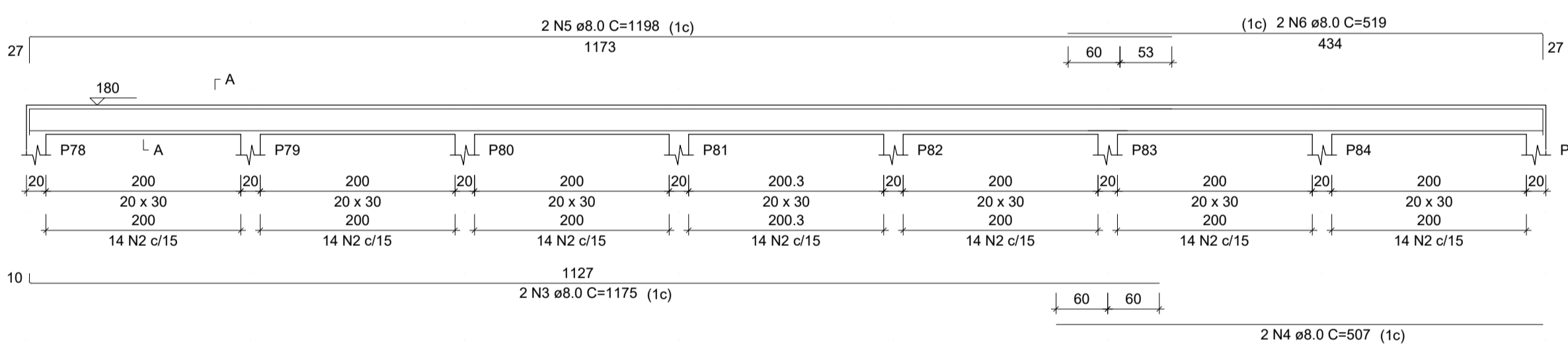
5x P79                      TRECHO 10 - V3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	60	91	5460
CA50	2	5.0	98	87	8526
	3	8.0	2	1135	2270
	4	8.0	2	467	934
	5	8.0	2	1198	2396
	6	8.0	2	459	918
7	12.5	30	177	5310	

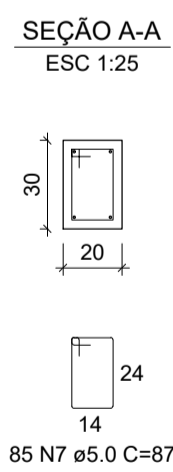
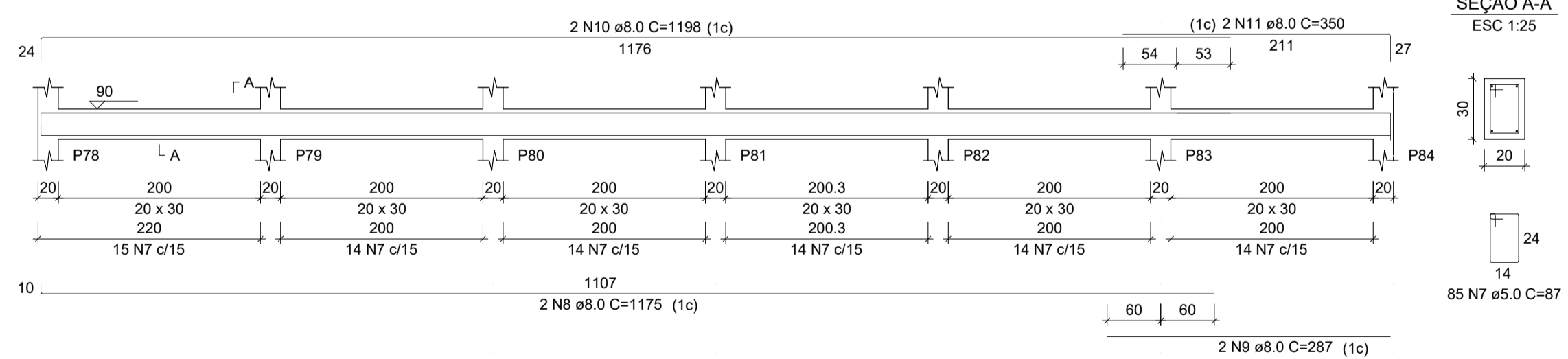
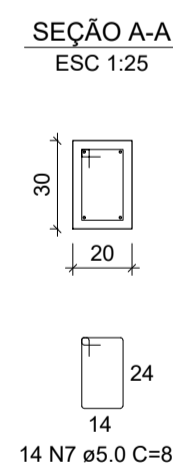
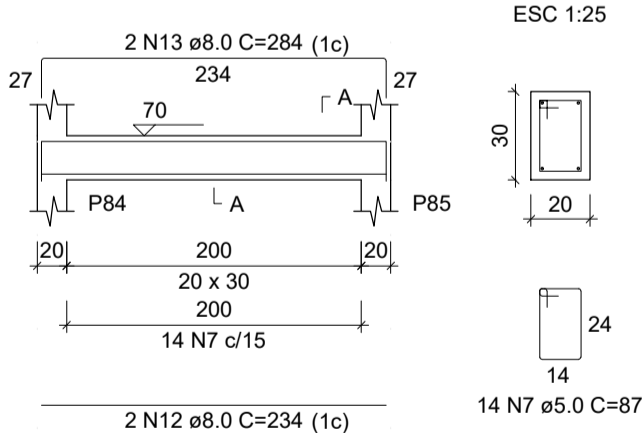
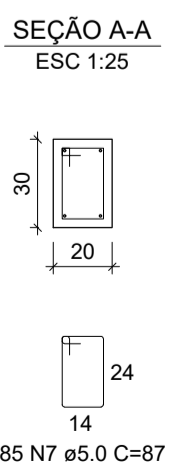
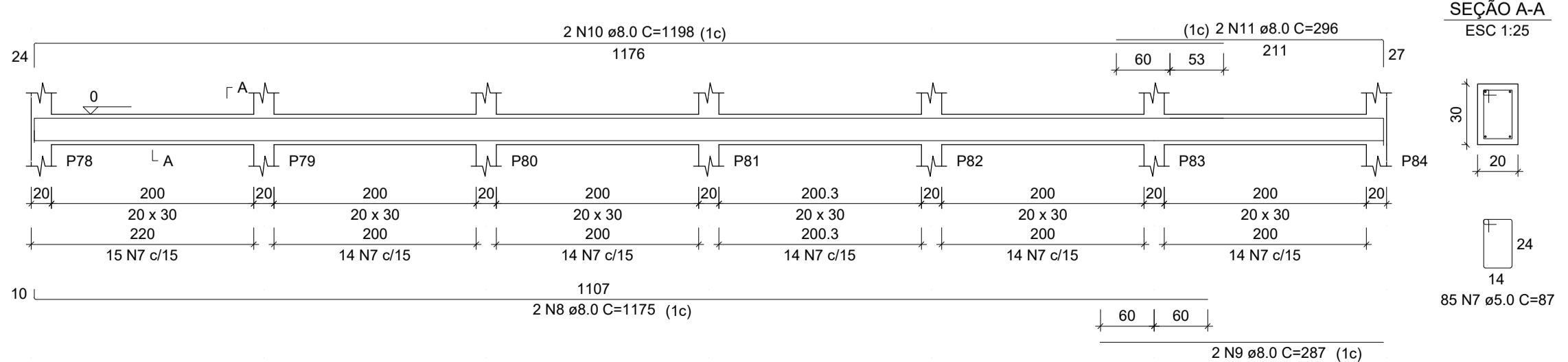
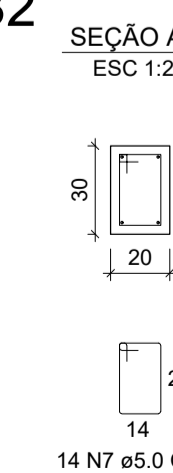
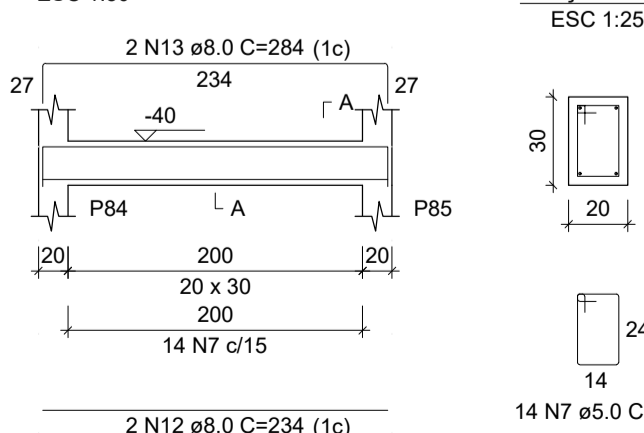
RESUMO DO AÇO			
AÇO	DIAM (mm)	C. TOTAL (m)	PESO + 10% (kg)
CA50	8.0	65.2	28.3
	12.5	53.1	56.3
CA60	5.0	139.9	23.7
PESO TOTAL (kg)			
CA50	84.6		
CA60	23.7		

Volume de concreto (C-25) = 0.54 m<sup>3</sup>  
 Volume de concreto (C-25) = 0.84 m<sup>3</sup>  
 Área de forma = 20.20 m<sup>2</sup>

TRECHO 10 - V3  
ESC 1:50



# TRECHO 10 - V1

TRECHO 10 - V2  
ESC 1:50TRECHO 10 - VB1  
ESC 1:50TRECHO 10 - VB2  
ESC 1:50

## PROJETO ESTRUTURAL



OBRA: **PÚBLICA - TRECHO 10**  
ENDEREÇO: RUA JOÃO RODRIGUES DOS SANTOS, VILA NOVA - CEDRO DO ABAETÉ-MG

RESPONSÁVEL TÉCNICO: \_\_\_\_\_

GUILHERME VINICIUS MACHADO CREA: 250613

PRANCHA:  
Pilares, Estacas e Vigas

PAVIMENTO: Fundação      UNIDADE: 01      FOLHA

PROPRIETÁRIO: PREFEITURA DO CEDRO DO ABAETÉ

30/49