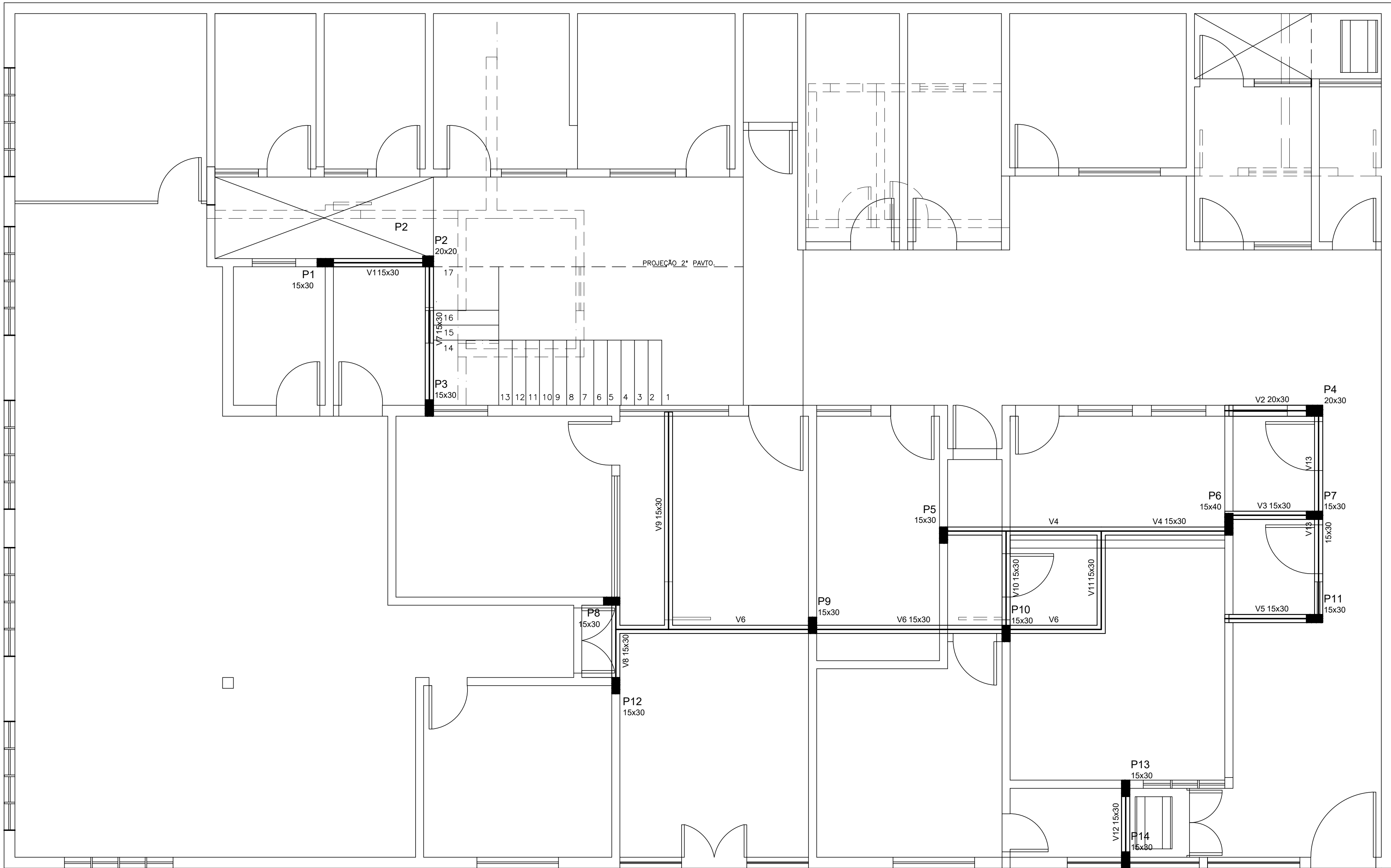


OBS: 1 - TRABALHAR ESSE PROJETO
JUNTAMENTE COM O PROJETO ARQUITETÔNICO
2 - CONFERIR MEDIDAS "IN LOCO"



Forma do pavimento 1º PAVIMENTO (Nível 290)
escala 1:50

fck (kgf/cm ²)	Ecs (kgf/cm ²)
250	289800

PILARES REFORÇO	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção

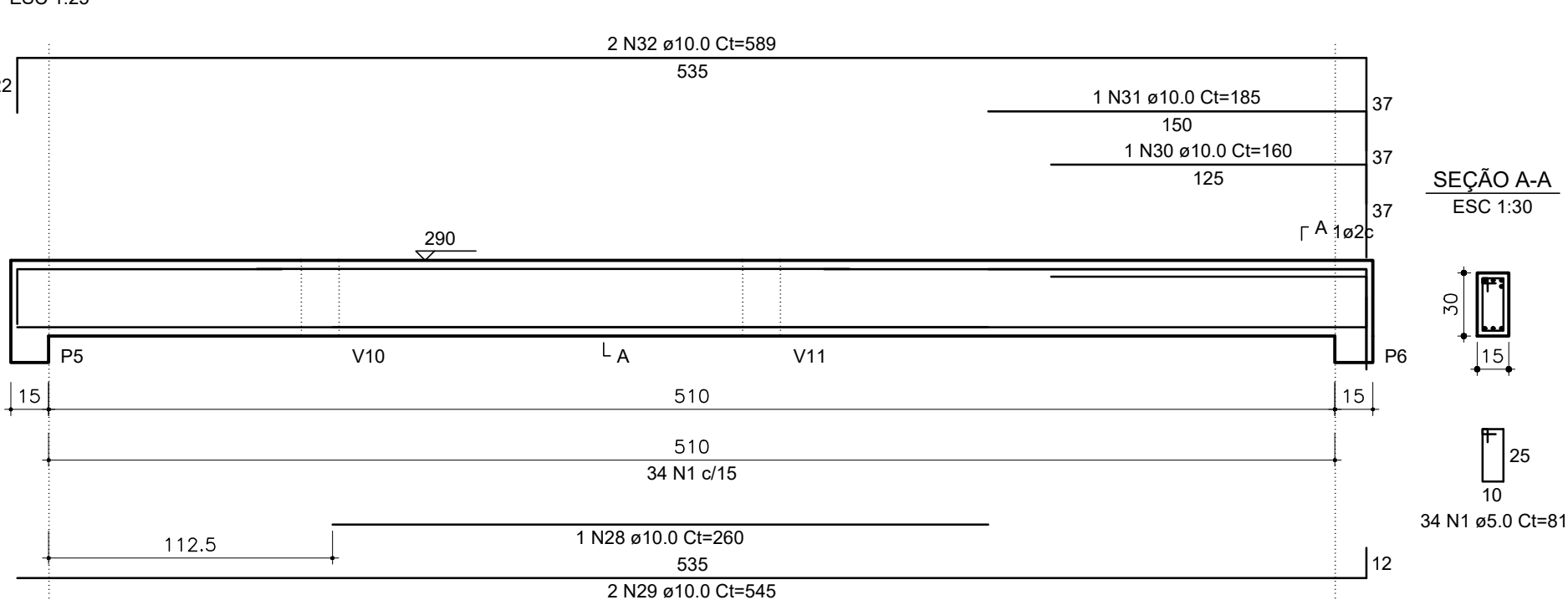
	PAREDES A DEMOLIR
	VIGAS REFORÇO

RELAÇÃO DO AÇO					
V1	V2	V3			
V4	V5	V6			
V7	V8	V9			
V10	V11	V12			
V13					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA80	1	5,0	233	81	18873
	2	5,0	10	91	914
CA50	3	6,3	1	77	77
	4	8,0	2	209	418
	5	8,0	2	245	490
	6	8,0	2	196	392
	7	8,0	2	204	408
	8	8,0	2	175	350
	9	8,0	2	212	424
	10	8,0	2	230	580
	11	8,0	2	329	658
	12	8,0	2	181	362
	13	8,0	2	222	444
	14	8,0	2	442	882
	15	8,0	2	173	346
	16	8,0	2	224	448
	17	8,0	2	267	514
	18	8,0	2	191	382
	19	8,0	2	232	464
	20	8,0	2	157	314
	21	8,0	2	194	388
22	8,0	2	403	806	
23	8,0	2	431	862	
24	10,0	1	189	189	
25	10,0	2	233	466	
26	10,0	1	176	176	
27	10,0	2	233	466	
28	10,0	1	160	160	
29	10,0	2	545	1090	
30	10,0	1	160	160	
31	10,0	1	165	165	
32	10,0	2	589	1178	
33	10,0	1	212	212	
34	10,0	2	926	1852	
35	10,0	1	170	170	
36	10,0	1	180	180	
37	10,0	2	939	1878	
38	10,0	1	285	285	
39	10,0	2	410	820	

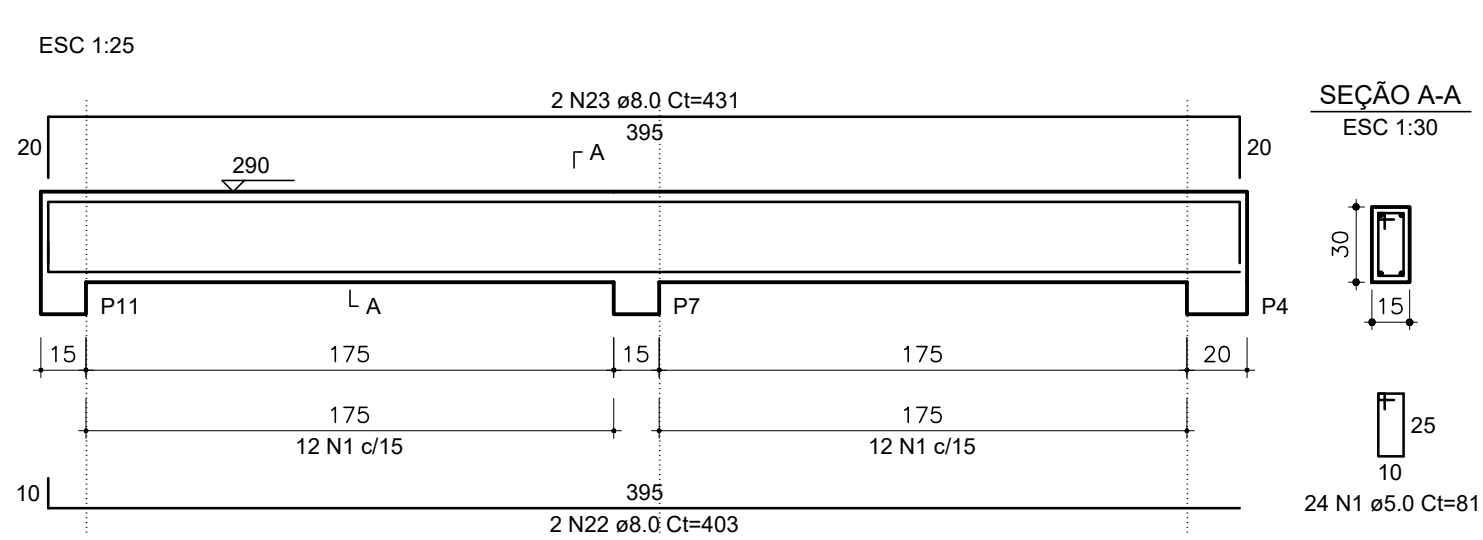
RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	0.8	0.2
	8.0	99.4	43.2
	10.0	95.7	64.9
	5.0	197.8	33.5
PESO TOTAL (kg)			
CA50	108.2		
CA60	33.5		

Volume de concreto (C-25) = 1.85 m³
Área de forma = 30.53 m²

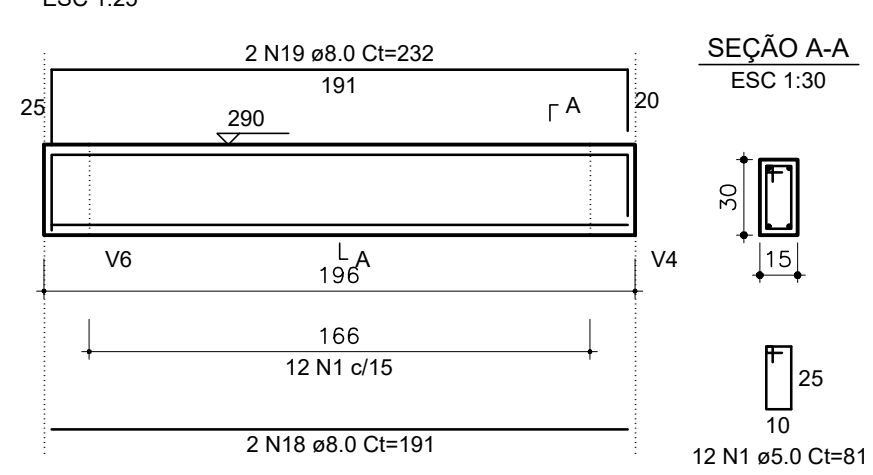
V4 (15 x 30)
ESC 1:25



V13 (15 x 30)



V11 (15 x 30)
ESC 1:25

[illegible]