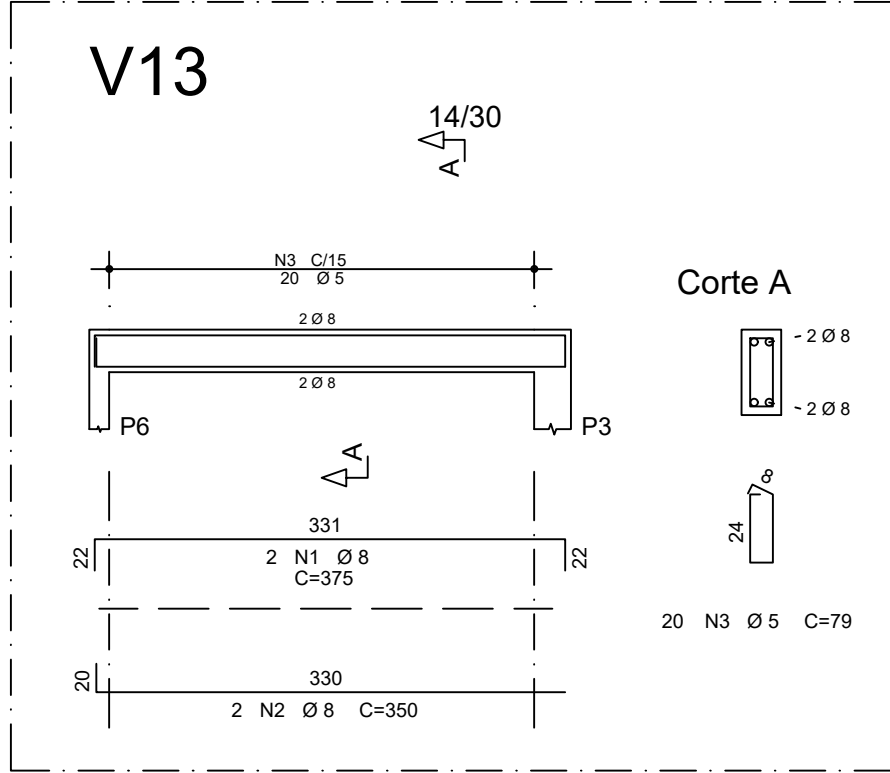
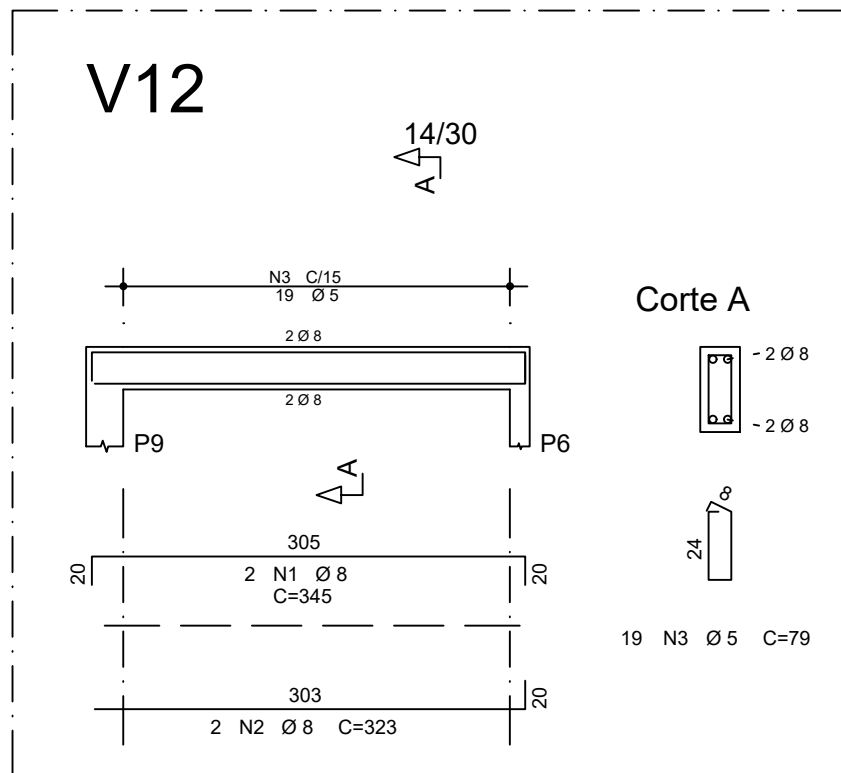
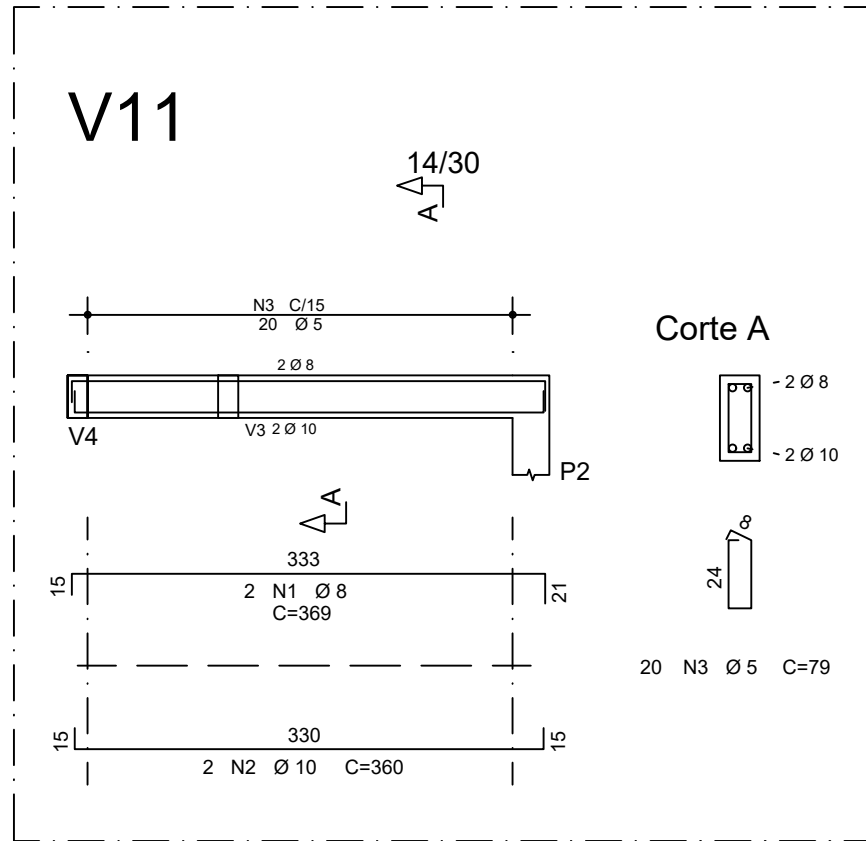
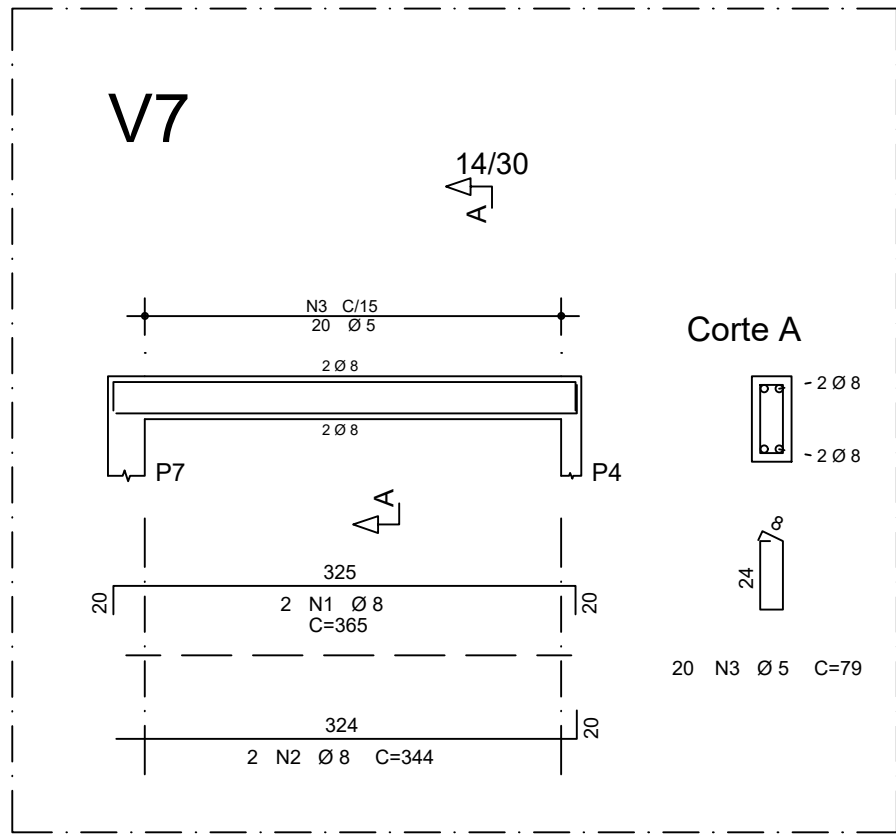
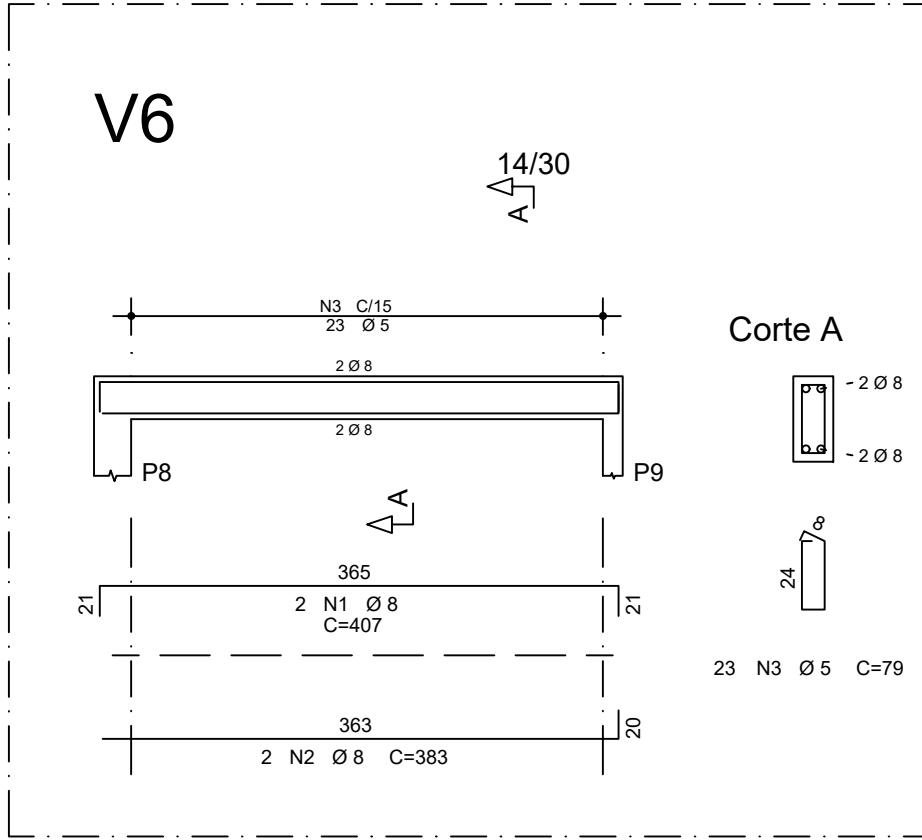
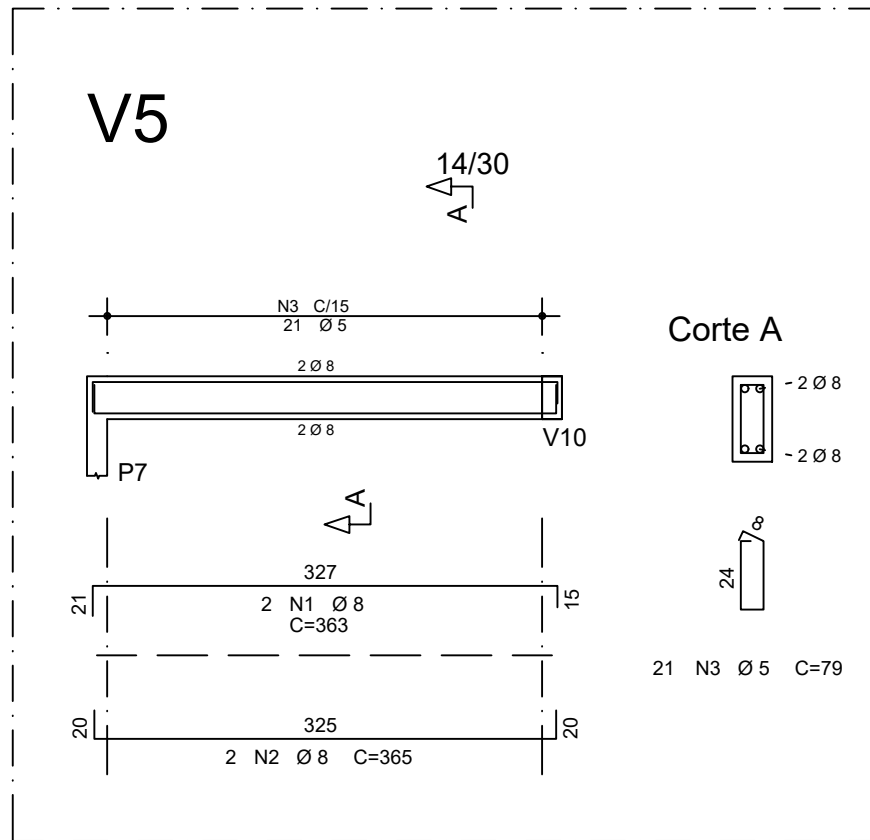
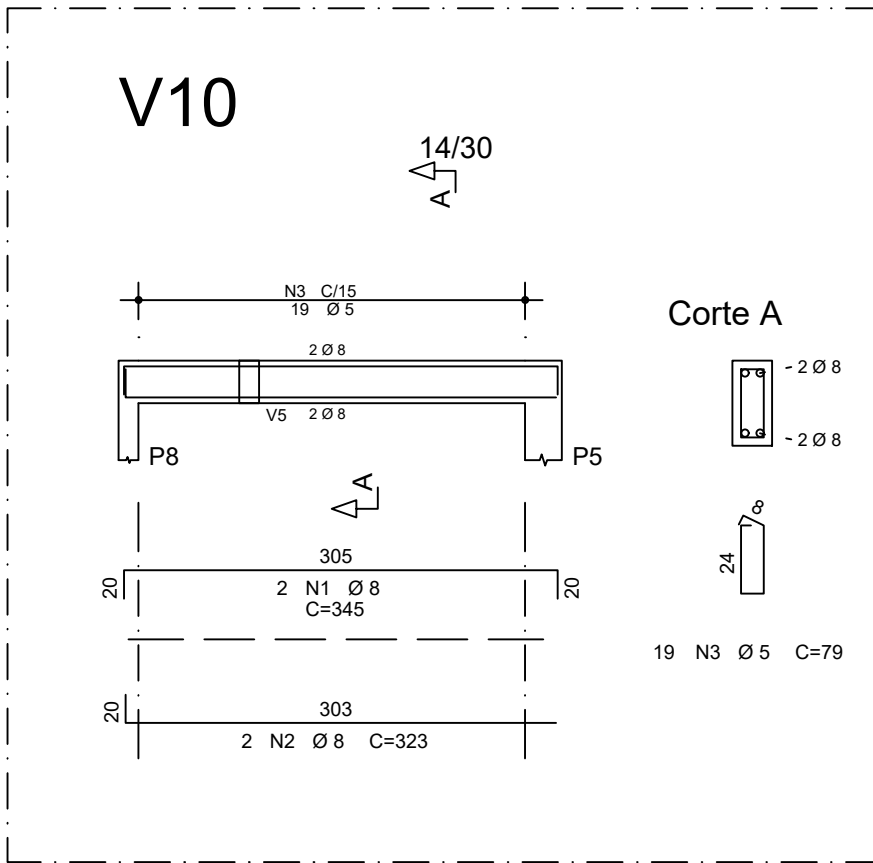
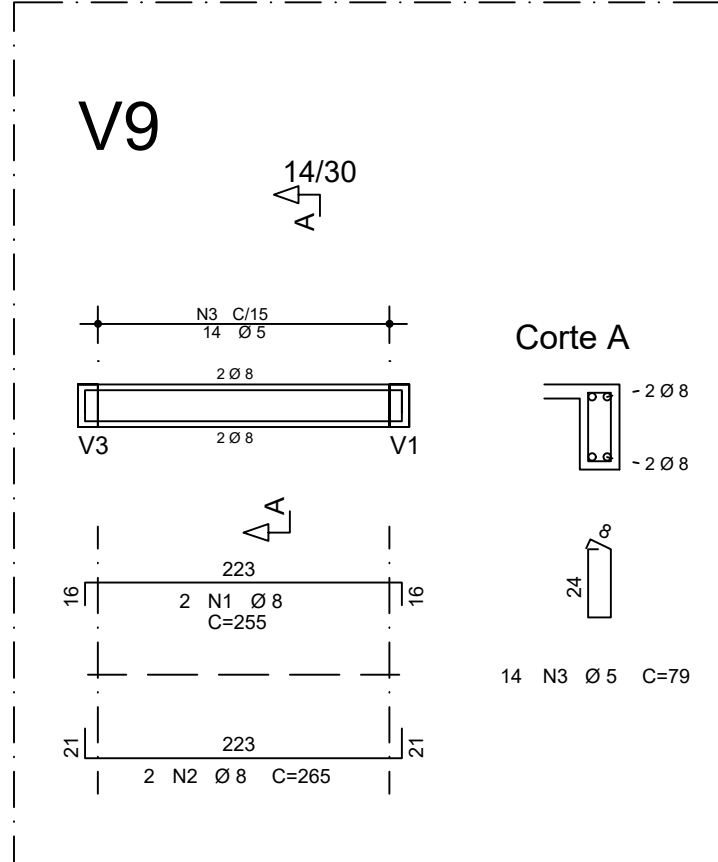
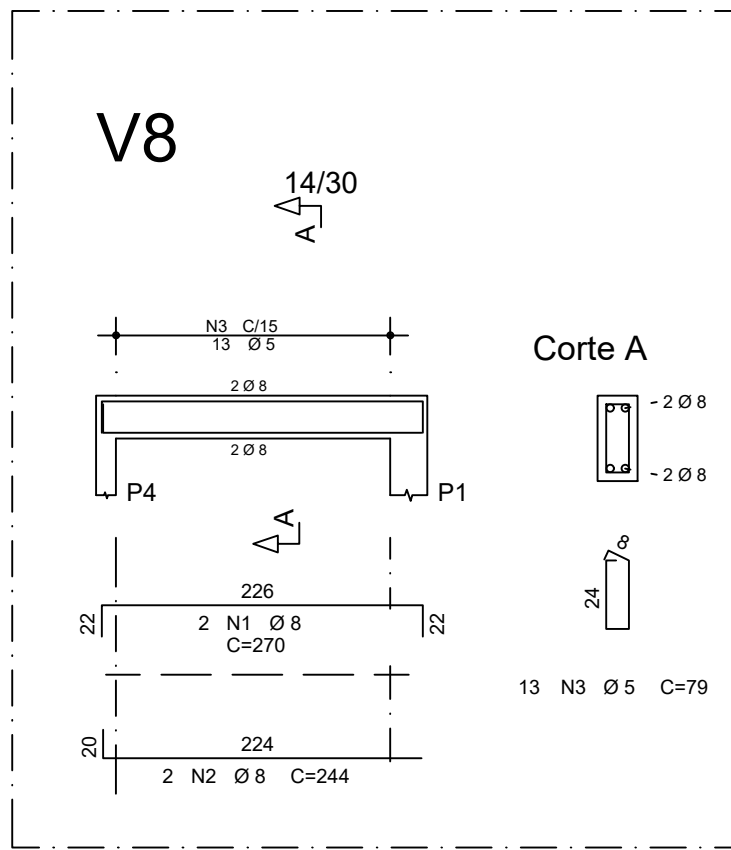
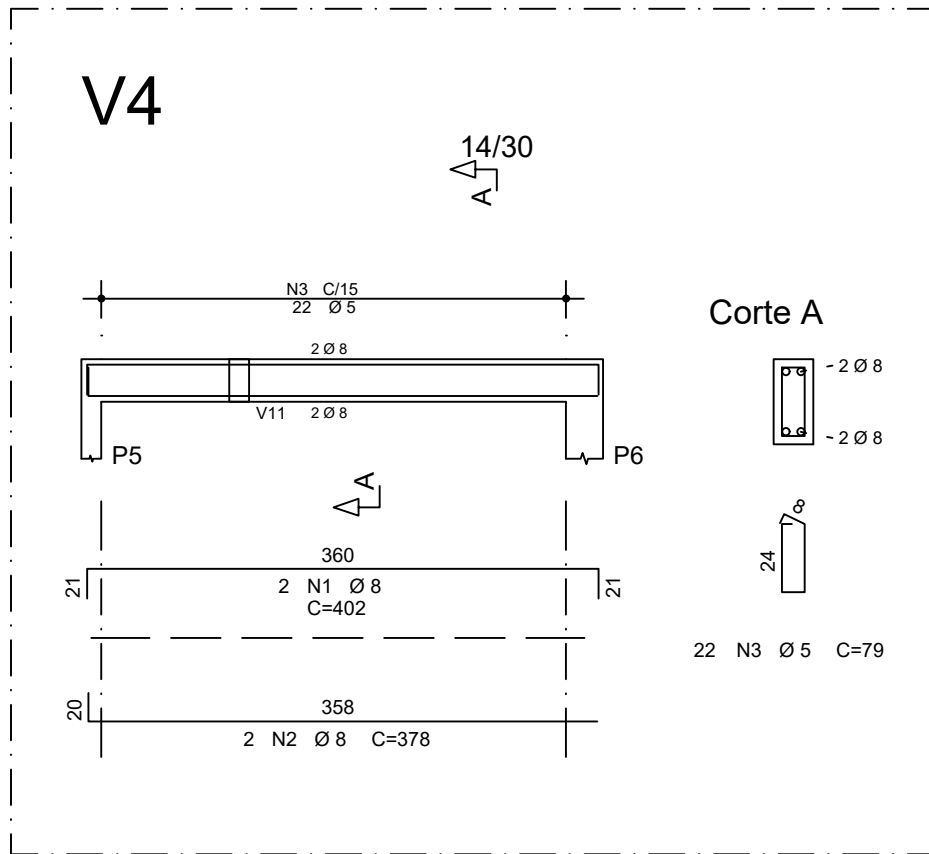
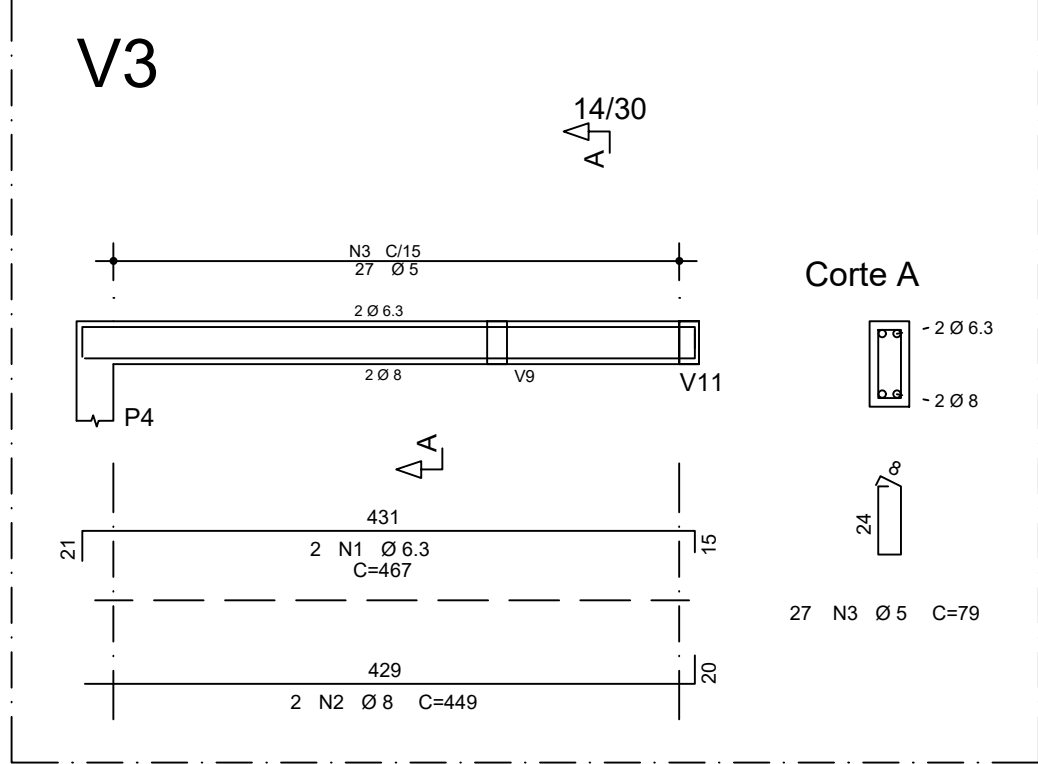
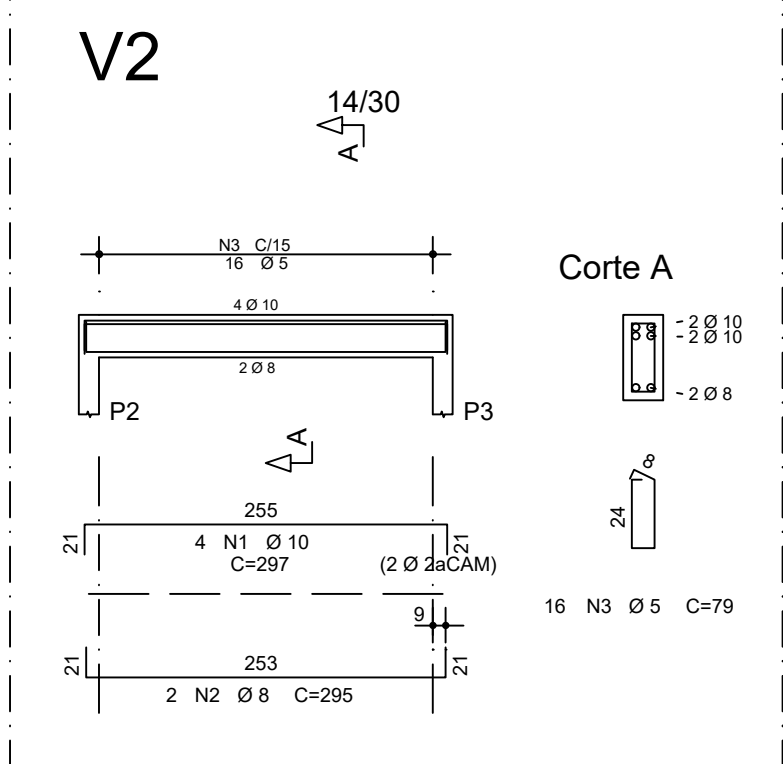
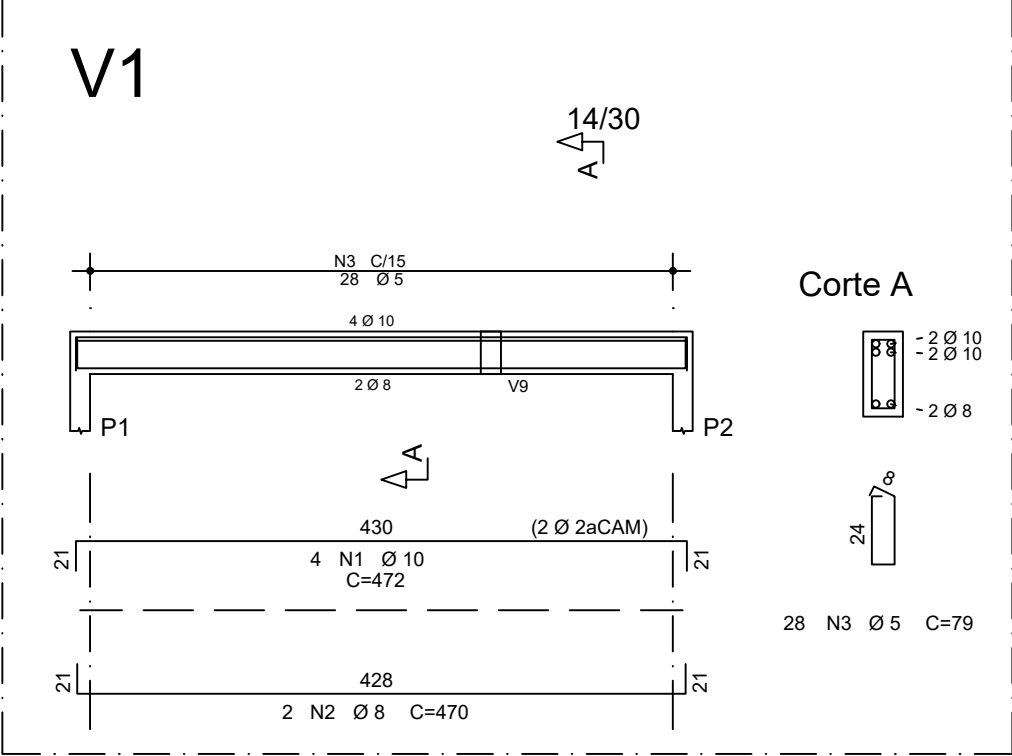
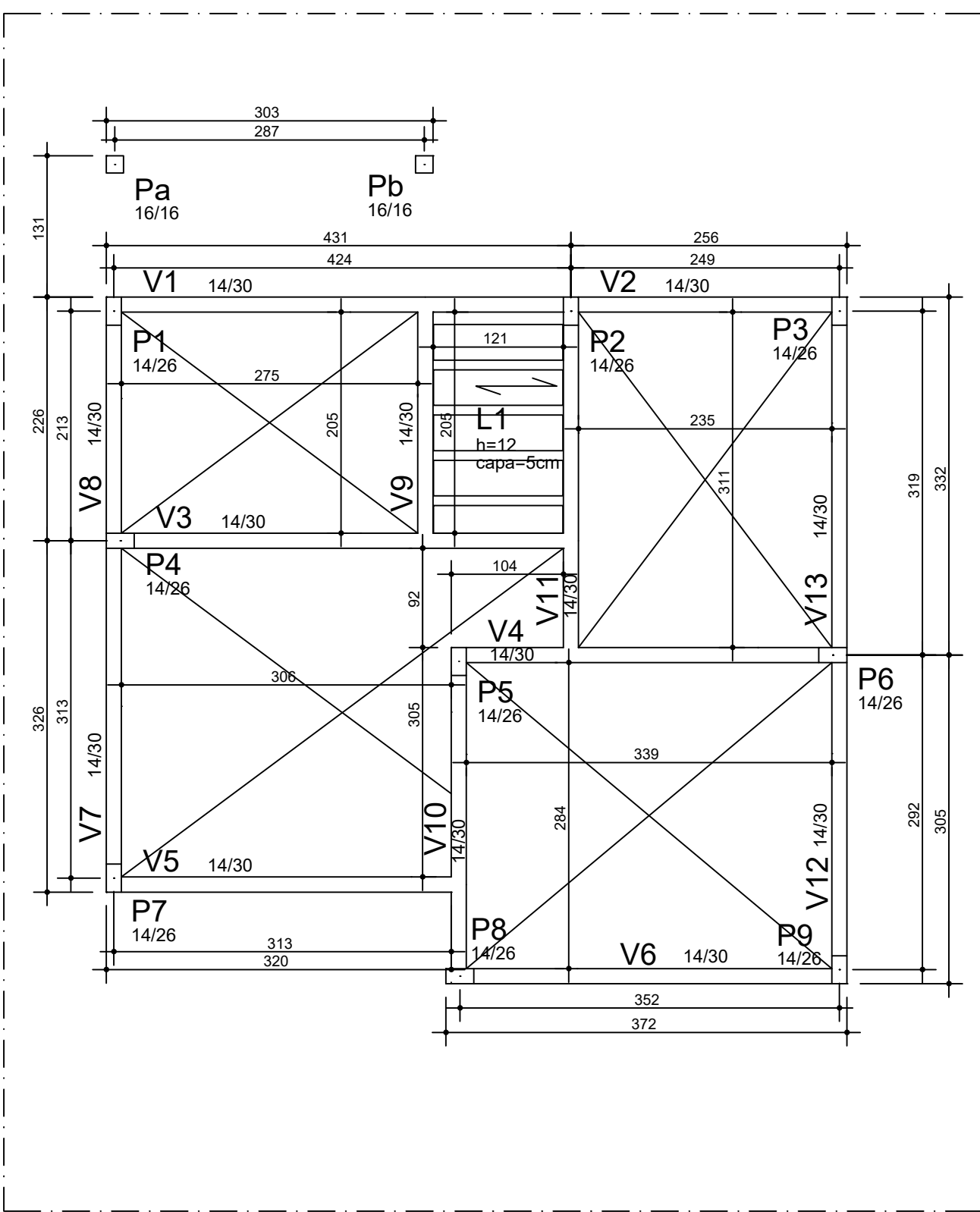


PLANTA DE FORMA - VIGAS (PAV CAIXA)



	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO	
					UNIT (cm)	TOTAL (cm)
V1	50A	1	10	4	472	1888
	50A	2	8	2	470	940
	60A	3	5	28	79	2212
V2	50A	1	10	4	297	1188
	50A	2	8	2	295	590
	60A	3	5	16	79	1264
V3	50A	1	6.3	2	467	934
	50A	2	8	2	449	898
	60A	3	5	27	79	2133
V4	50A	1	8	2	402	804
	50A	2	8	2	378	756
	60A	3	5	22	79	1738
V5	50A	1	8	2	363	726
	50A	2	8	2	365	730
	60A	3	5	21	79	1659
V6	50A	1	8	2	407	814
	50A	2	8	2	383	766
	60A	3	5	23	79	1817
V7	50A	1	8	2	365	730
	50A	2	8	2	344	688
	60A	3	5	20	79	1580
V8	50A	1	8	2	270	540
	50A	2	8	2	244	488
	60A	3	5	13	79	1027
V9	50A	1	8	2	255	510
	50A	2	8	2	265	530
	60A	3	5	14	79	1106
V10	50A	1	8	2	345	690
	50A	2	8	2	323	646
	60A	3	5	19	79	1501
V11	50A	1	8	2	369	738
	50A	2	10	2	360	720
	60A	3	5	20	79	1580
V12	50A	1	8	2	345	690
	50A	2	8	2	323	646
	60A	3	5	19	79	1501
V13	50A	1	8	2	375	750
	50A	2	8	2	350	700
	60A	3	5	20	79	1580

RESUMO DE AÇO			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60A	5	207	32
50A	6.3	9	2
50A	8	154	61
50A	10	38	23
Peso Total 60A =			32 kg
Peso Total 50A =			86 kg

PAV: Caixa

Bitola	3.2	4.2	5.0	6.3	8.0	10.0	12.5	16.0	20.0	22.0	25.0	32.0	40.0	Aço	Concreto	Forma	fck
	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	m3	m2	MPa
Pilares			29			79								108	1.1	24	25
Vigas			32	2	61	23								118	1.6	28	25
Lajes			2	5										7	0.2		25
Fundações																	25
Outros																	
Totais			63	7	61	102								233	2.9	52	

Endereços:

Rua Olímpio Gomes da Silca, Quadra 02,
Lote 13 ao 22, B. Estação, Nova Era/MG
Rua Alexandrino Anselmo Martins, Lote 1
ao 20, B. Morada dos Heróis, Nova Era/MG

CÁLCULO E DETALHAMENTO
ESTRUTURA EM CONCRETO ARMADO

Data: 18/11/2019

Rev.: -

Rafael Vital Januzzi (CREA 160.585/D-MG)

Escala: Conforme Desenho FOLHA:
CAIXA 01/02