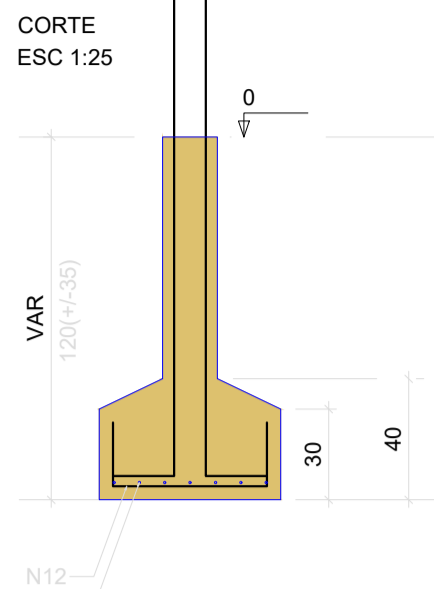
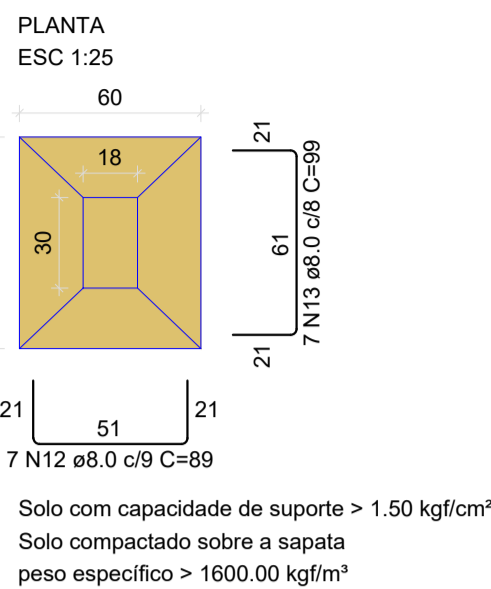
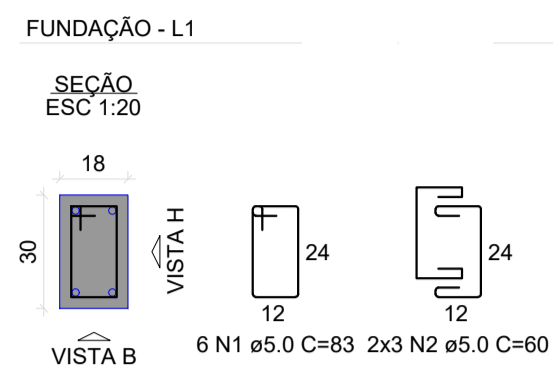


S2=S3=S4=S7=S8=S9=S12=S13=S14=S17=S18=S19



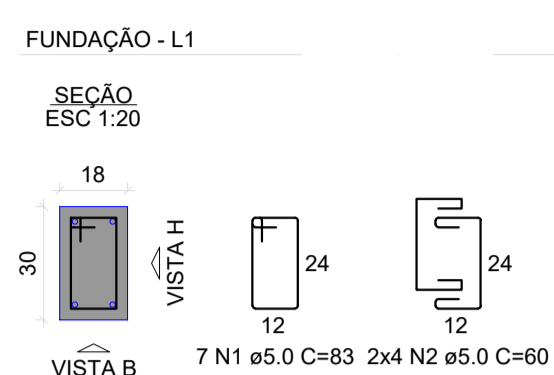
P17



VISTA H
ESC 1:25

VISTA B
ESC 1:25

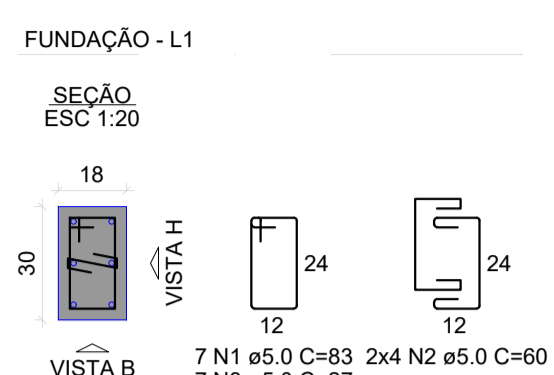
P2=P3=P18



VISTA H
ESC 1:25

VISTA B
ESC 1:25

P4=P7=P8=P9=P13=P14=P19



VISTA H
ESC 1:25

VISTA B
ESC 1:25

RELAÇÃO DO AÇO

3xP2	8xP4	2xP5
2xP6	2xP10	P13
2xS10	2xS11	12xS13
2xS16	V1	V2
V3	V4	V5

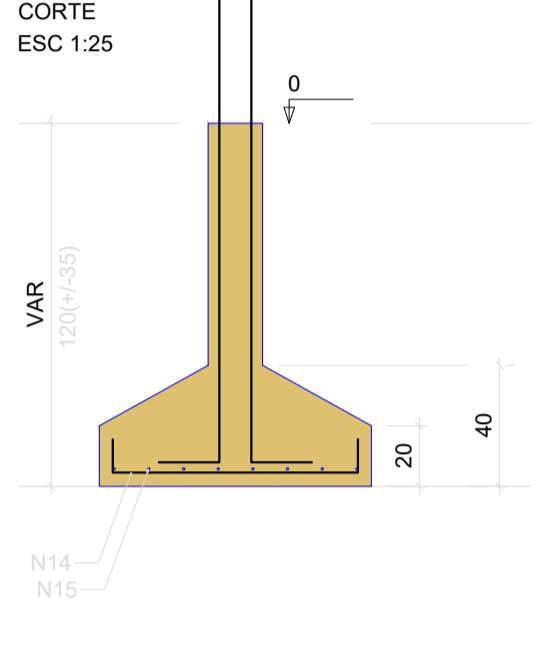
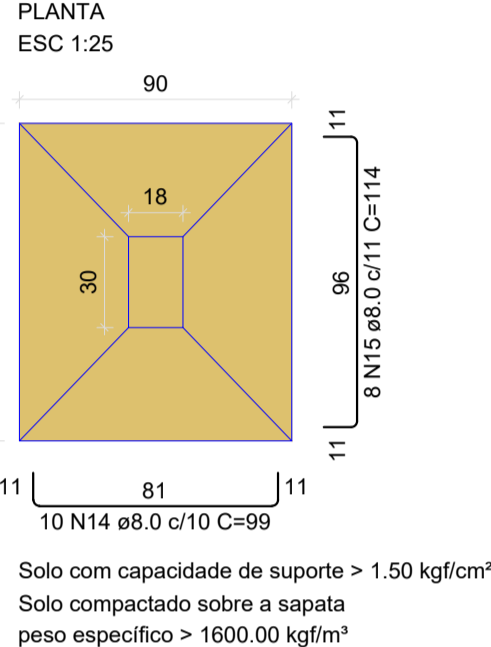
AÇO	N	DIAM	QUANT	C.UNIT	C.TOTAL
CA60	1	5.0	119	83	9877
	2	5.0	130	60	7800
	3	5.0	88	27	2376
CA50	4	5.0	301	95	28595
	5	6.3	12	1200	14400
	6	6.3	12	372	4464
	7	6.3	4	82	328
	8	8.0	28	139	3892
	9	8.0	28	144	4032
	10	8.0	22	109	2398
	11	8.0	18	119	2142
	12	8.0	84	89	7476
	13	8.0	84	99	8316
	14	8.0	20	99	1980
	15	8.0	16	114	1824
	16	8.0	6	1165	6990
	17	8.0	6	419	2514
	18	8.0	6	1200	7200
	19	8.0	6	374	2244
	20	8.0	6	820	4920
	21	10.0	60	172	10320
	22	10.0	2	871	1742
	23	10.0	2	869	1738
	24	12.5	44	180	7920

RESUMO DO AÇO

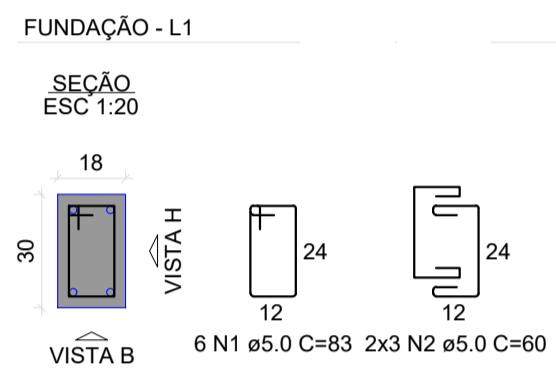
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	191.9	51.7
	8.0	559.3	242.8
	10.0	138	93.6
	12.5	79.2	83.9
	5.0	496.5	82.5
PESO TOTAL (kg)			
CA50	471.9		
CA60	82.5		

Volume de concreto (C-25) = 8.70 m³
Área de forma = 93.83 m²

S5=S20



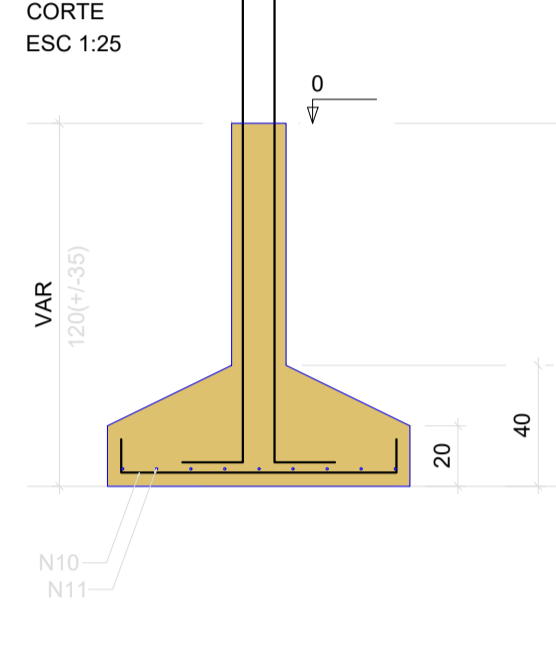
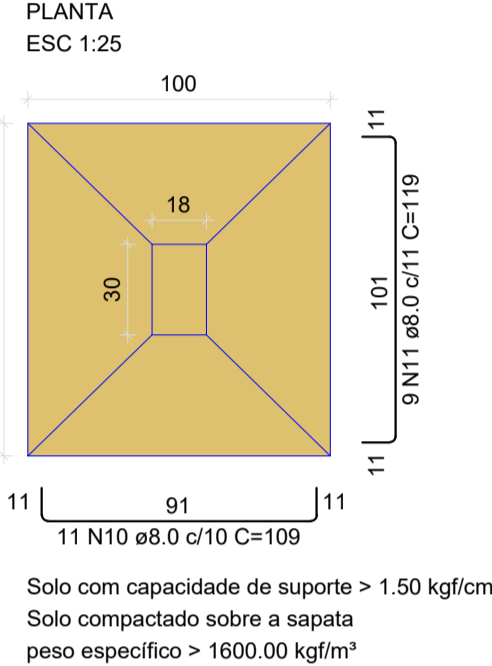
P5=P20



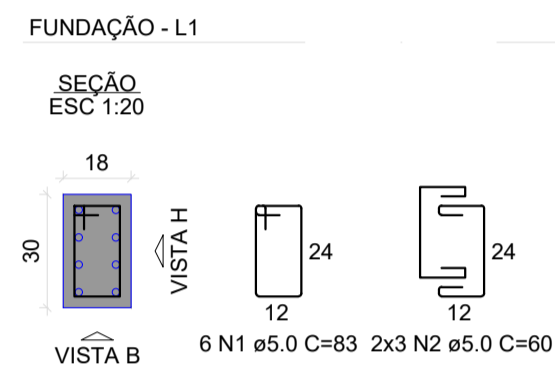
VISTA H
ESC 1:25

VISTA B
ESC 1:25

S1=S6=S11=S16



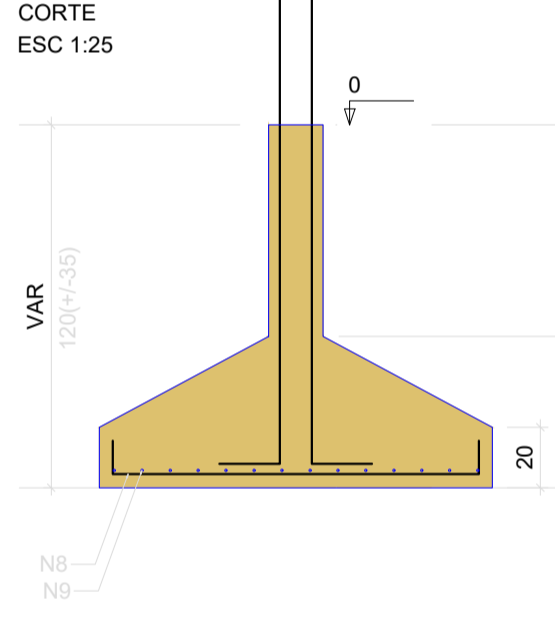
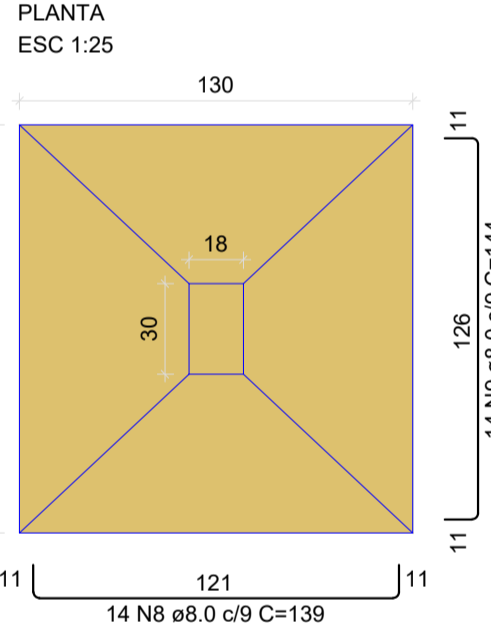
P1=P6=P11=P16



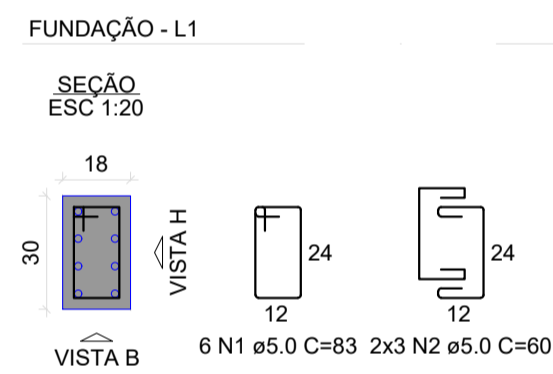
VISTA H
ESC 1:25

VISTA B
ESC 1:25

S10=S15



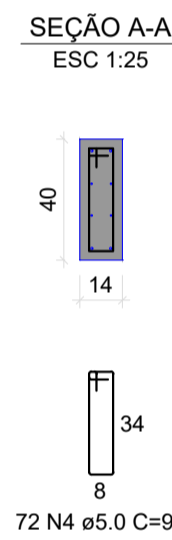
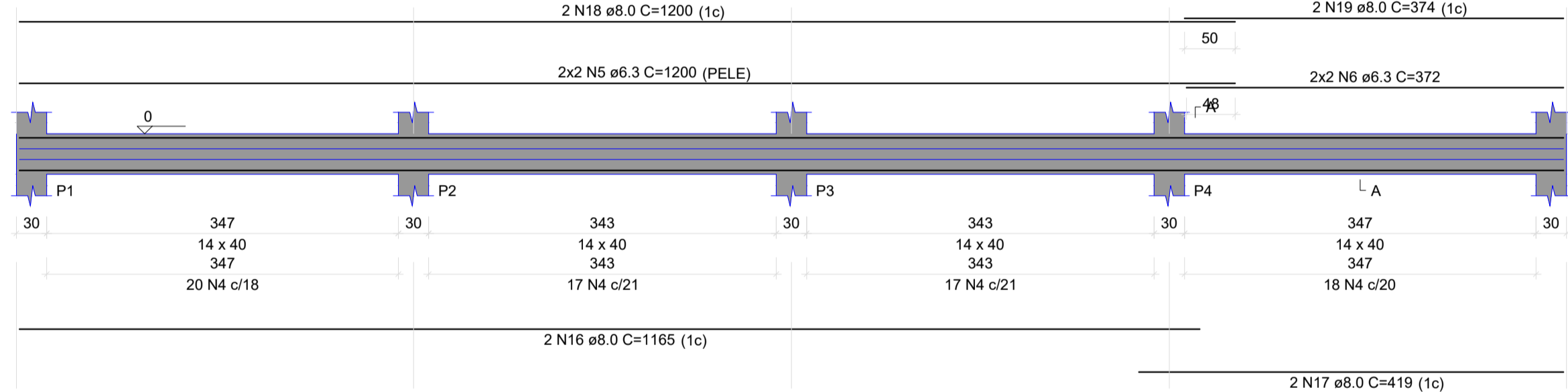
P10=P15



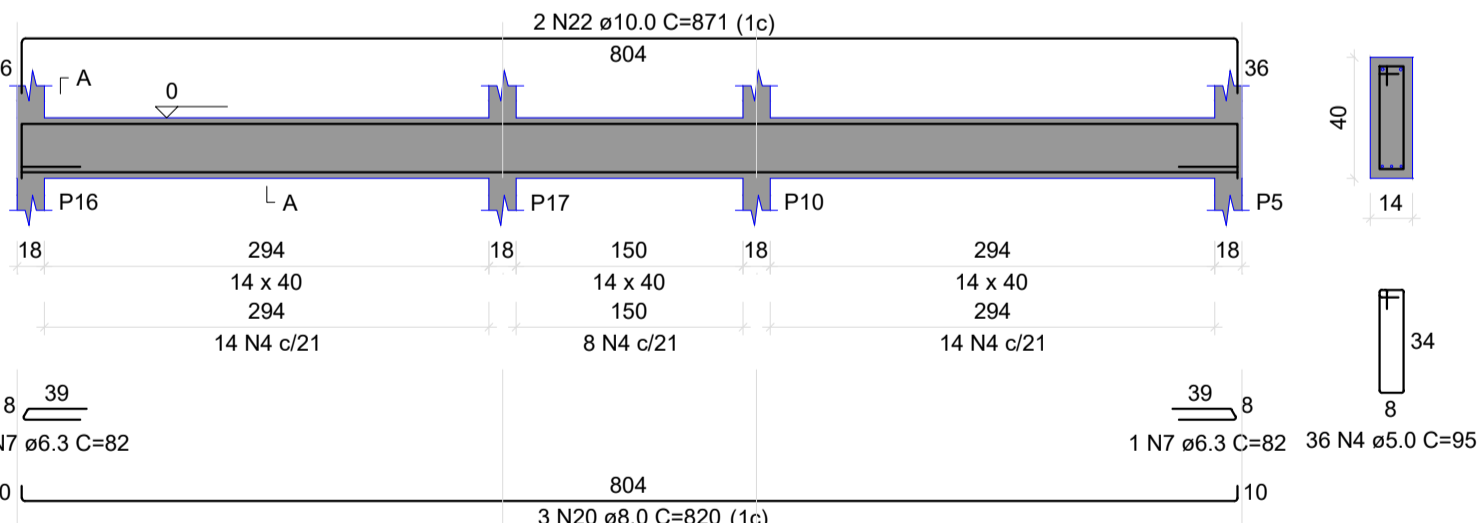
VISTA H
ESC 1:25

VISTA B
ESC 1:25

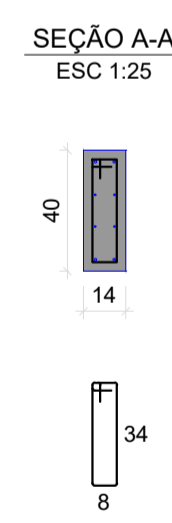
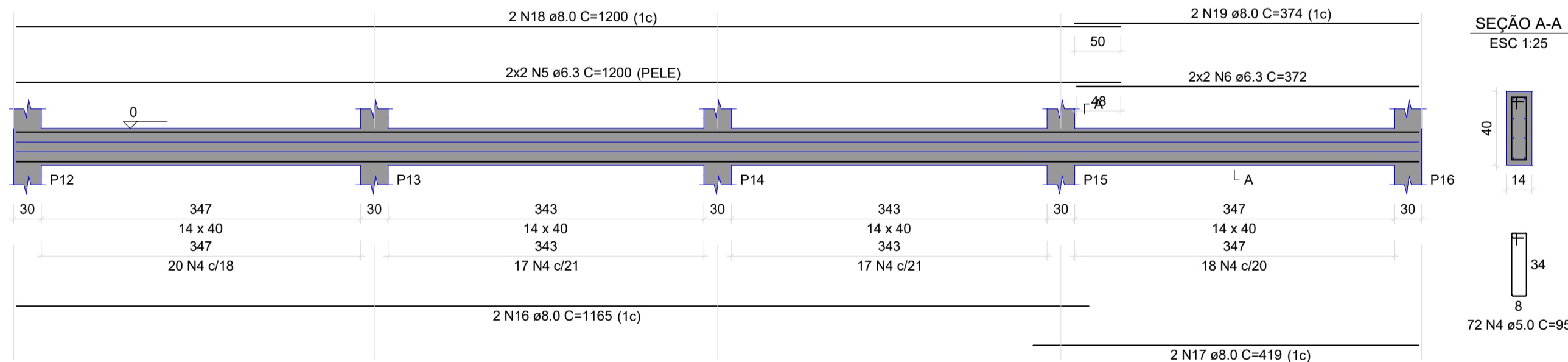
V1
ESC 1:50



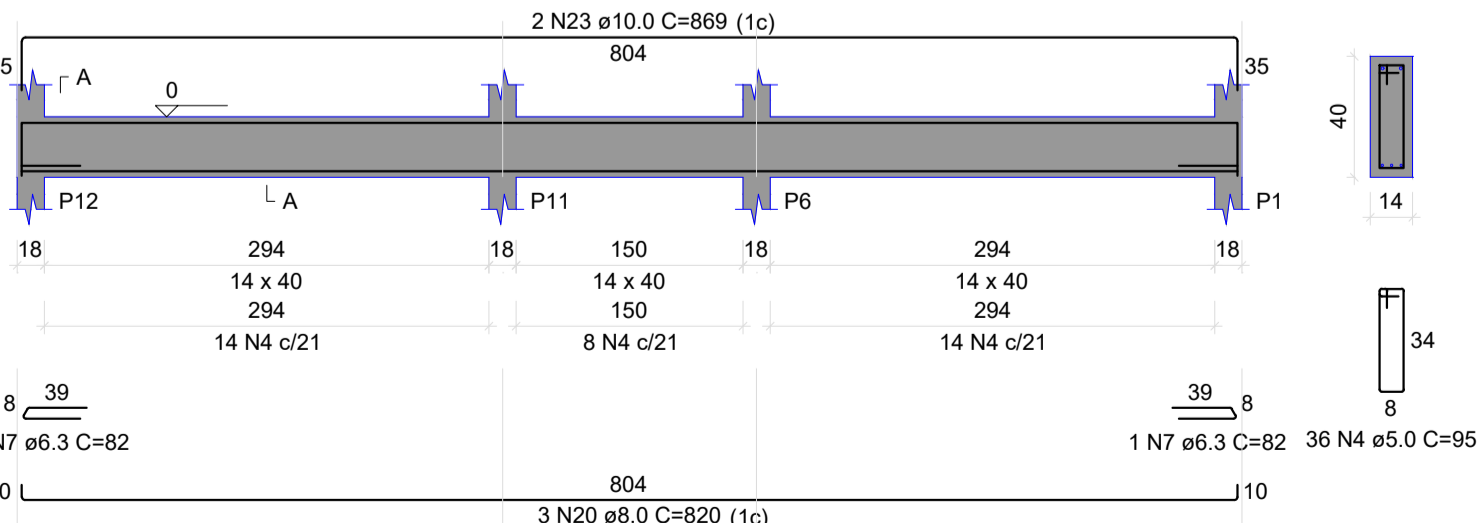
V2
ESC 1:50



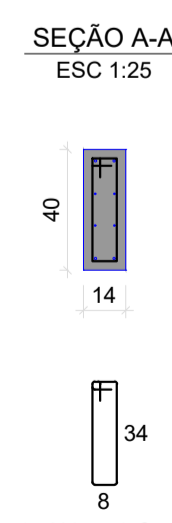
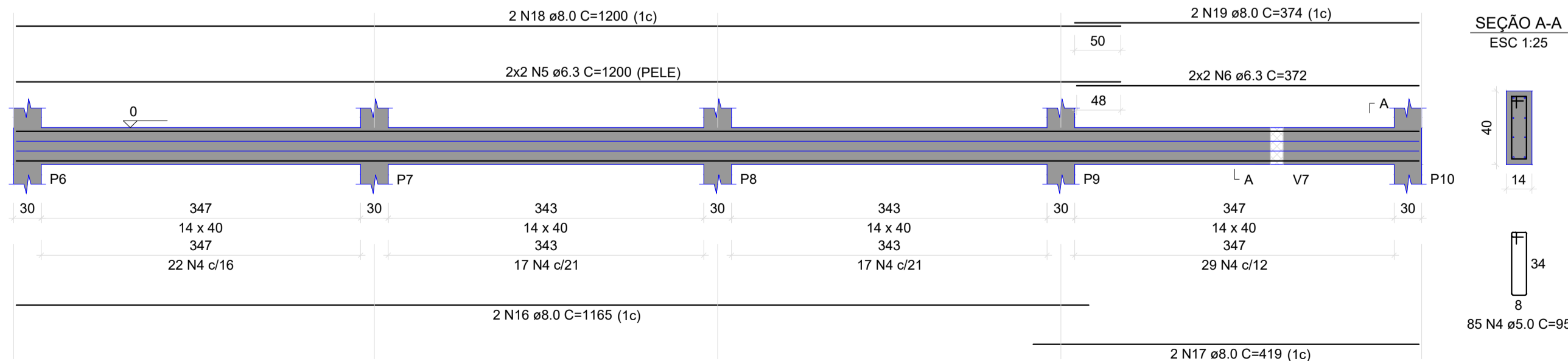
V3
ESC 1:50



V4
ESC 1:50



V5
ESC 1:50



08

Sapatas, pilares e vigas – Fundação
escala indicada

COSTA CRUZ ENGENHARIA
OBRAS & SERVIÇOS

costacruz_engenharia | www.costacruz.com | contato@costacruz.com

PROJETO ESTRUTURAL

PROJETO: RECINTO CORREDOR DE VOOS

CLIENTE: CETAS MANAUS / IBAMA C.N.P.J.: 03.659.166/0010-01

FORMATO: A1 - Paisagem DATA: 10/12/2021

RESP. TÉCNICOS: Antonio Alef Marques Cruz Engenheiro Civil CREA-MA: 111616430-2 Ingrid Rayanne Mendes dos Santos Arquiteta Urbanista CAU-MA: A183978-0

PRANCHA: 03/14

ÁREA TOTAL: 2.355,00m² ÁREA CONSTRUÍDA: 1.180,00 m²

A.R.T.: MA20210445363 R.R.T.: SII1067937100