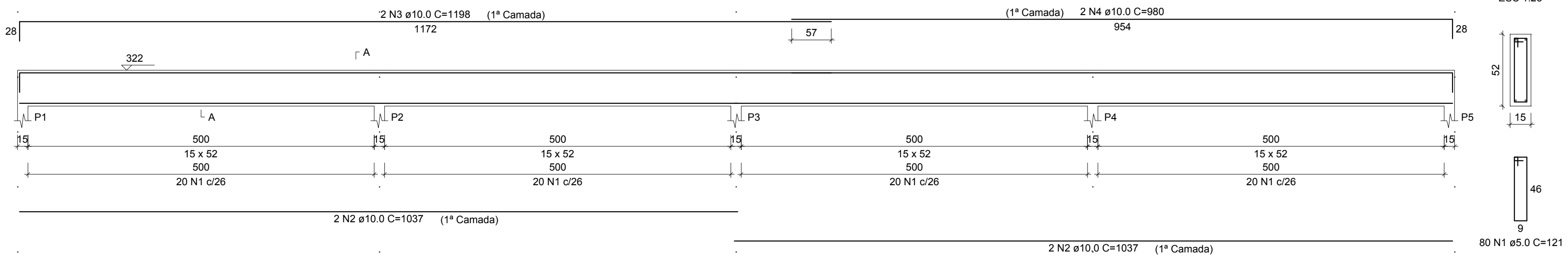
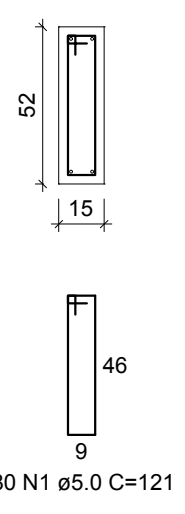


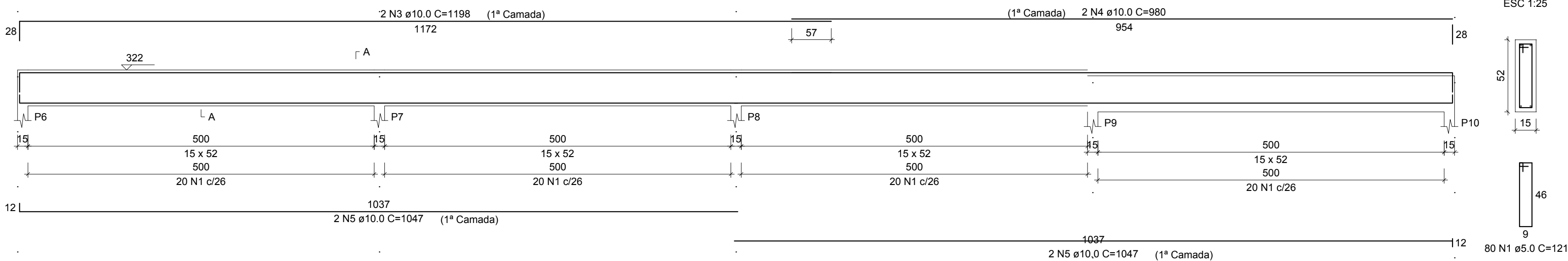
V1
ESC 1:50



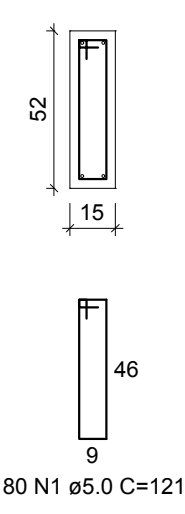
SEÇÃO A-A
ESC 1:25



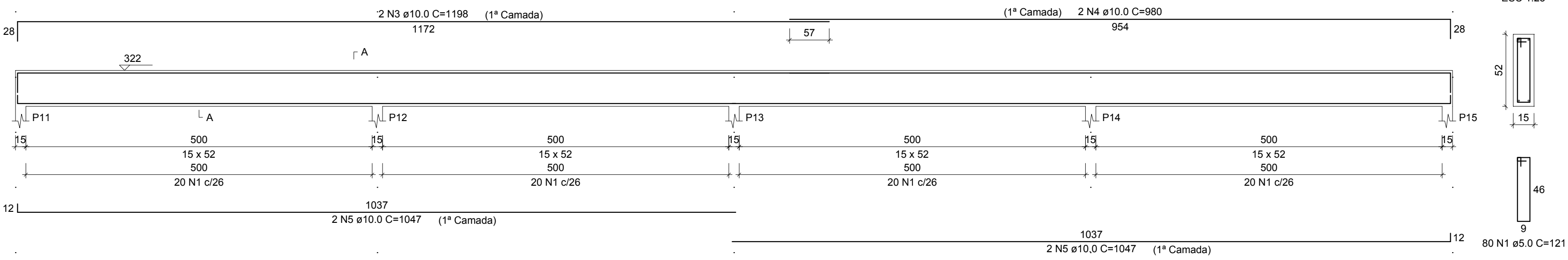
V2
ESC 1:50



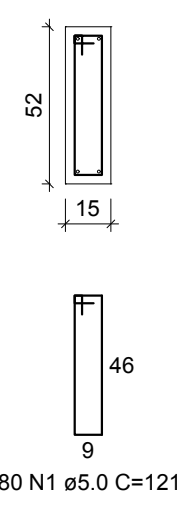
SEÇÃO A-A
ESC 1:25



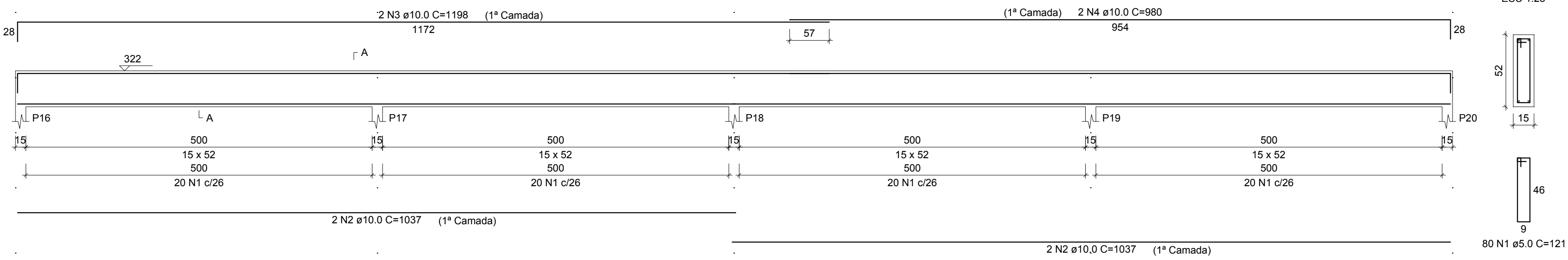
V3
ESC 1:50



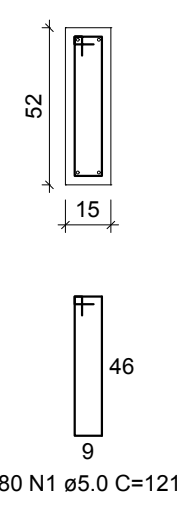
SEÇÃO A-A
ESC 1:25



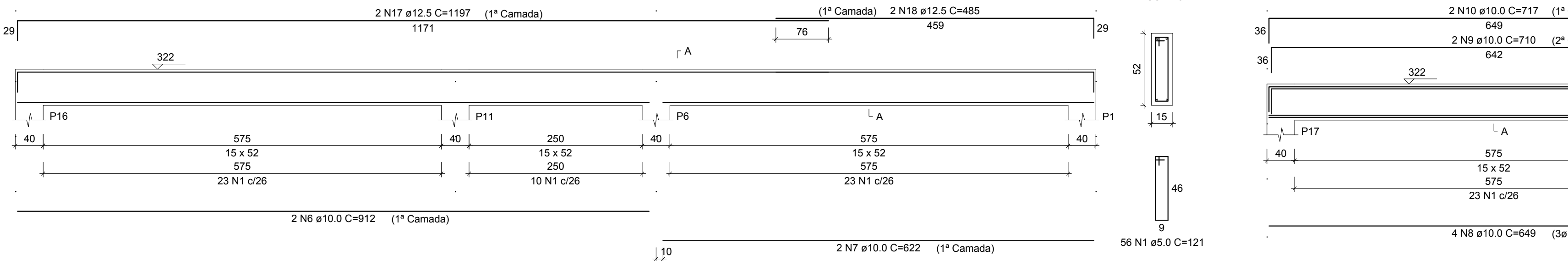
V4
ESC 1:50



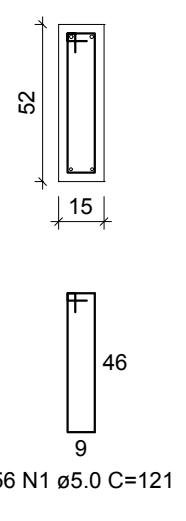
SEÇÃO A-A
ESC 1:25



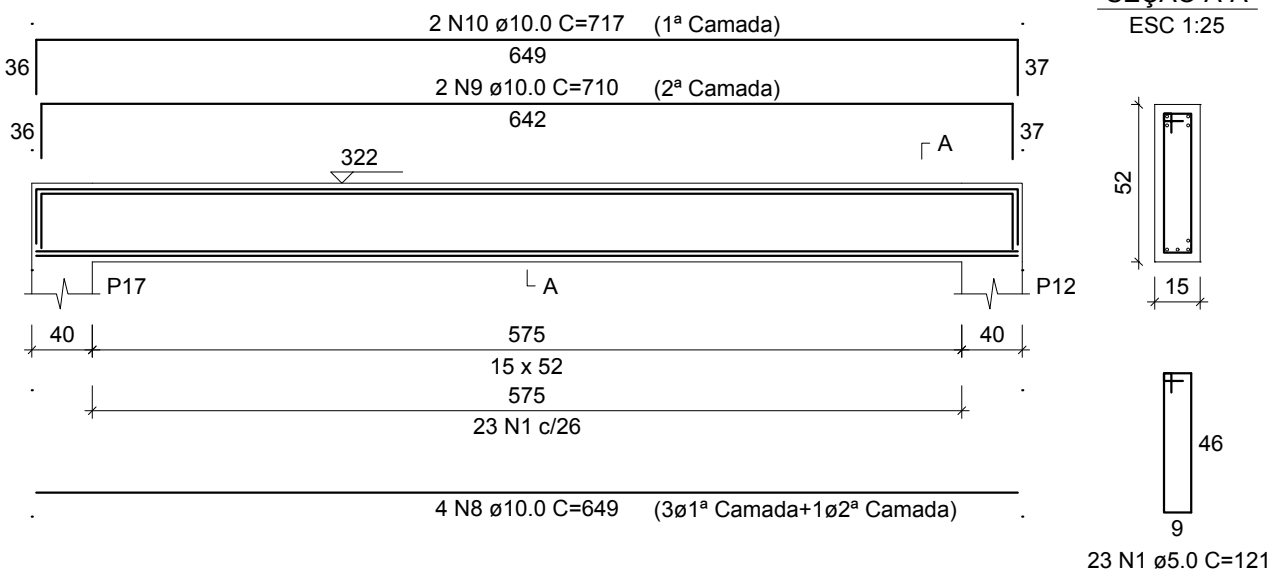
V5
ESC 1:50



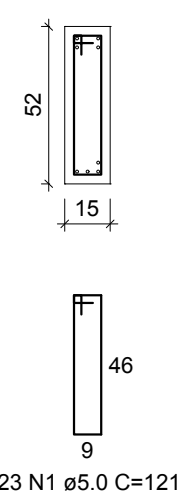
SEÇÃO A-A
ESC 1:25



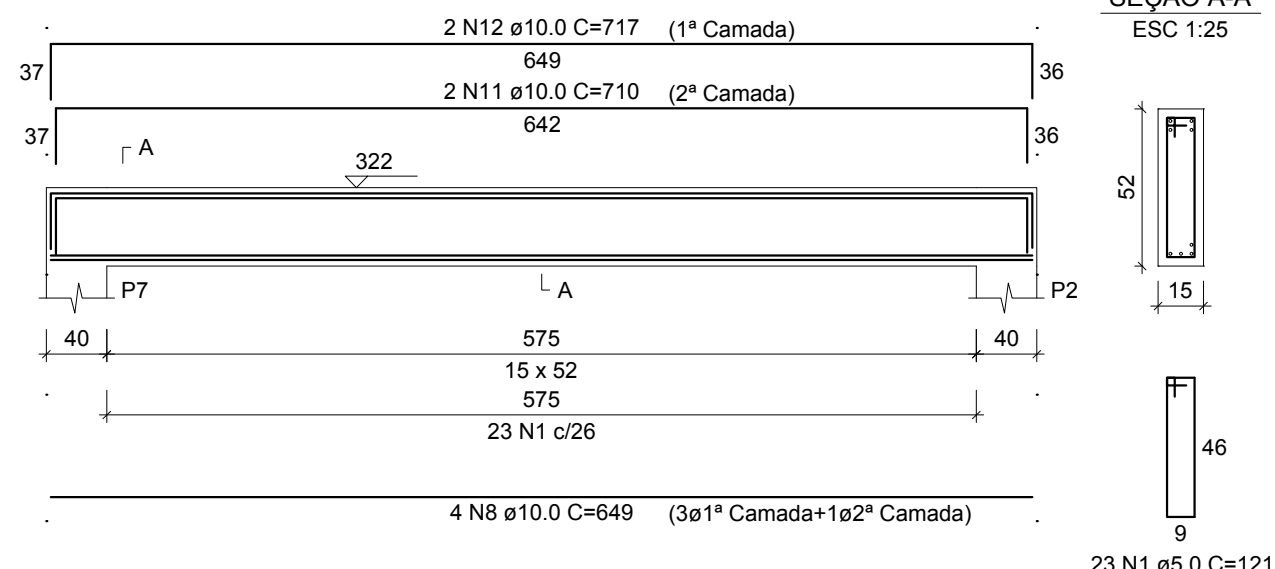
V6
ESC 1:50



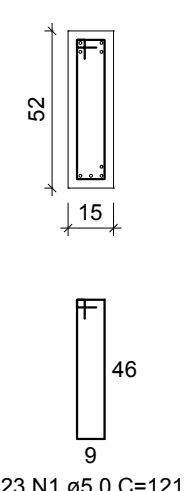
SEÇÃO A-A
ESC 1:25



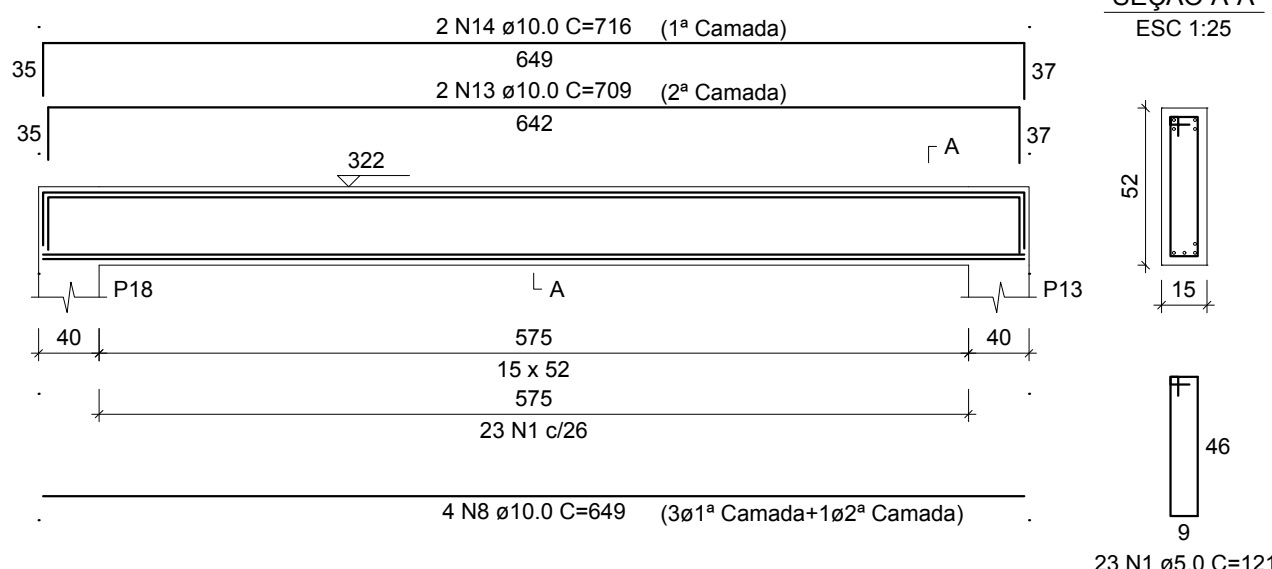
V7
ESC 1:50



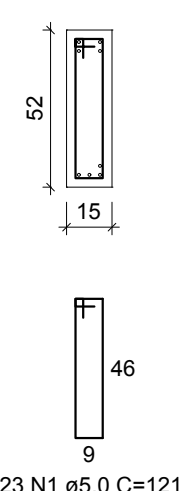
SEÇÃO A-A
ESC 1:25



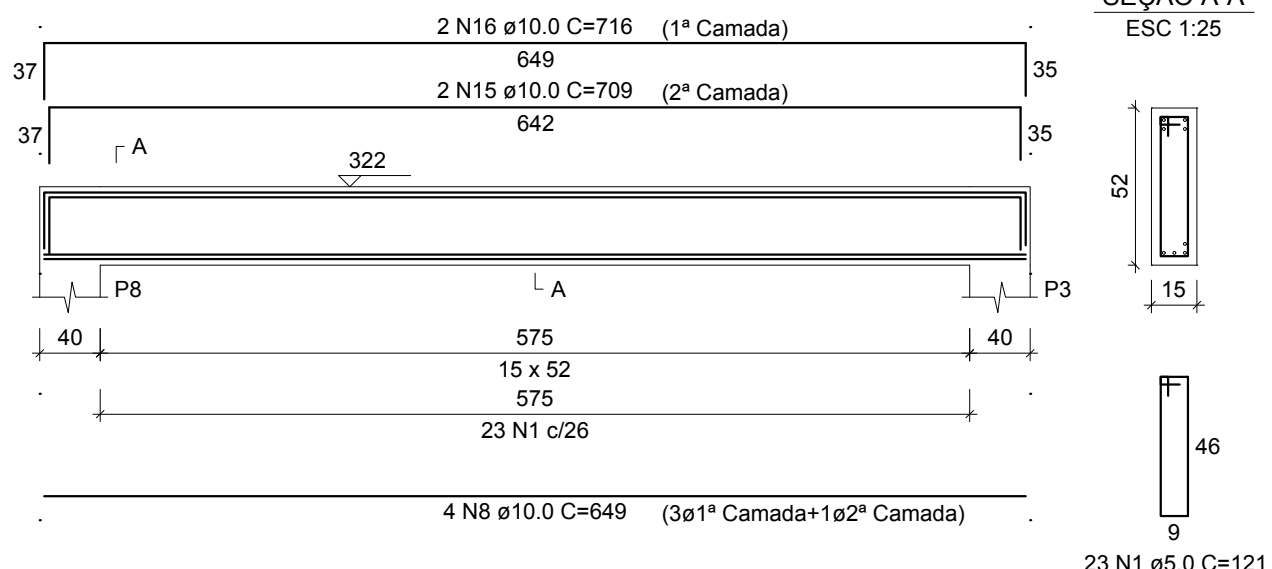
V8
ESC 1:50



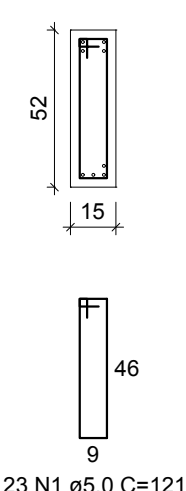
SEÇÃO A-A
ESC 1:25



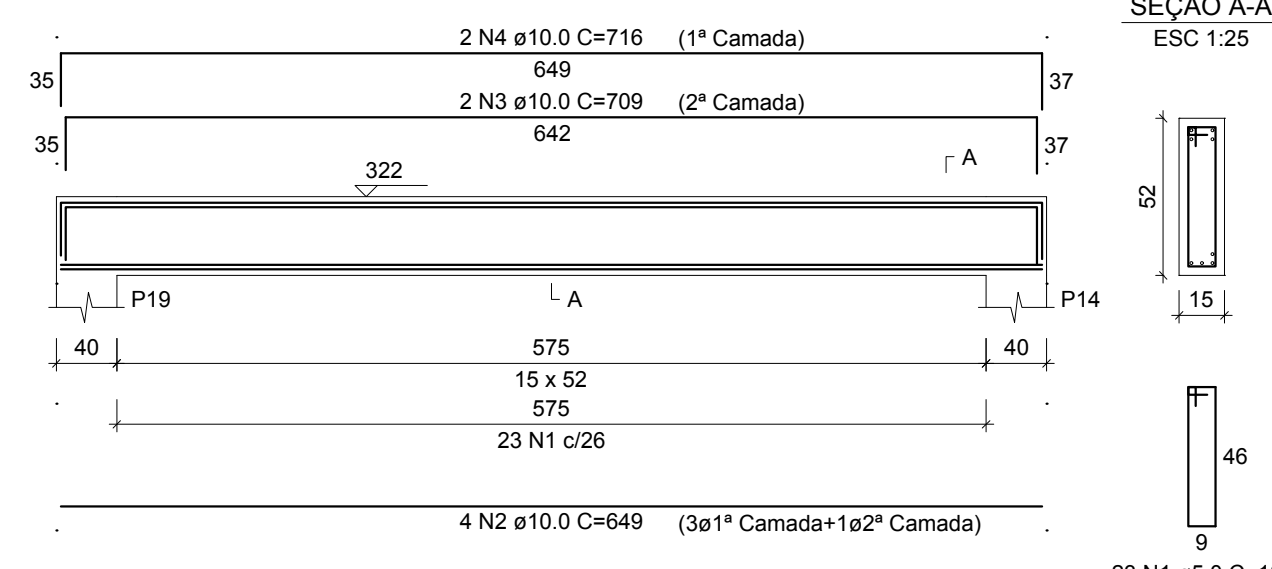
V9
ESC 1:50



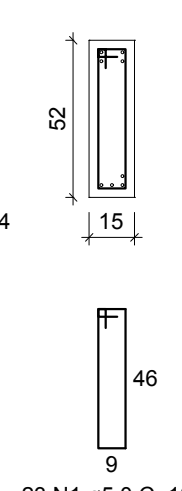
SEÇÃO A-A
ESC 1:25



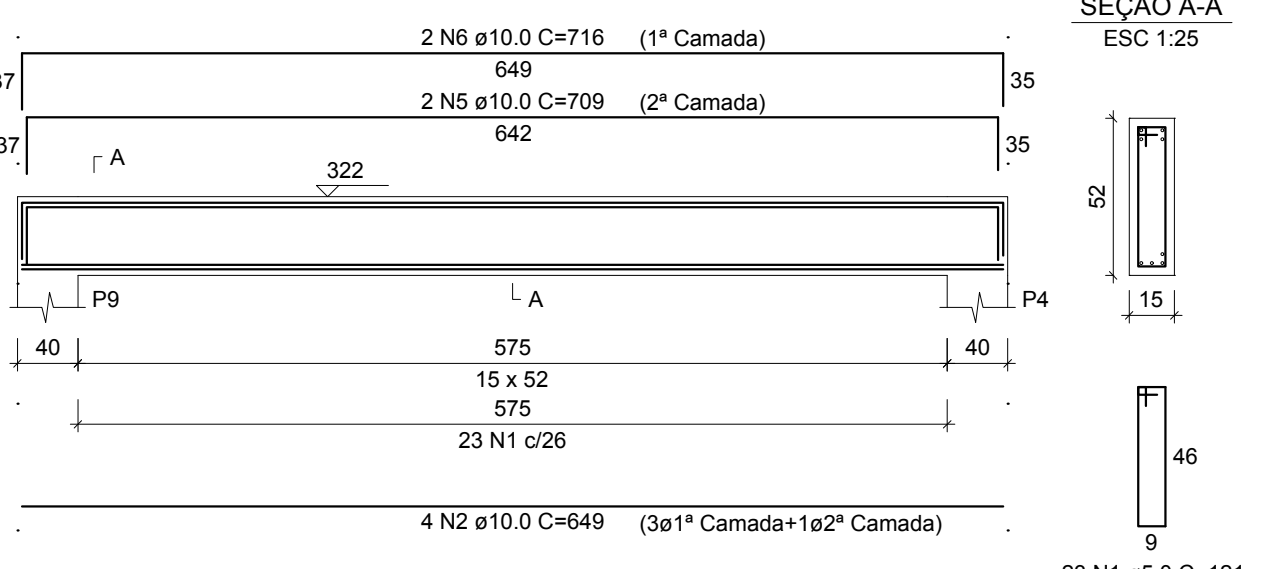
V10
ESC 1:50



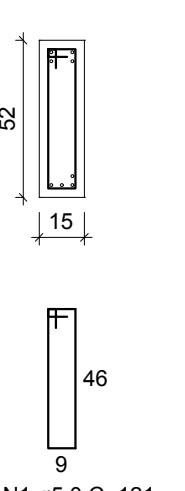
SEÇÃO A-A
ESC 1:25



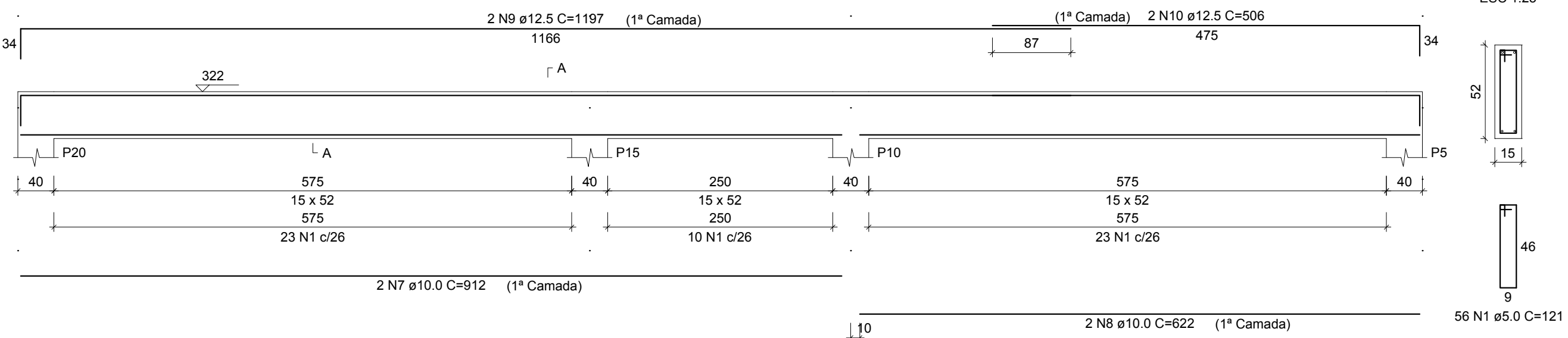
V11
ESC 1:50



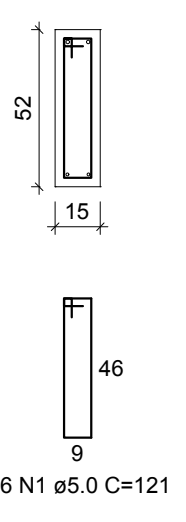
SEÇÃO A-A
ESC 1:25



V12
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	468	121	56628
V4	2	10.0	8	1037	8296
V7	3	10.0	8	1198	9584
	4	10.0	8	980	7840
	5	10.0	8	1047	8376
	6	10.0	2	912	1824
	7	10.0	2	622	1244
	8	10.0	16	649	10384
	9	10.0	2	710	1420
	10	10.0	2	717	1434
	11	10.0	2	710	1420
	12	10.0	2	717	1434
	13	10.0	2	709	1418
	14	10.0	2	716	1432
	15	10.0	2	709	1418
	16	10.0	2	716	1432
	17	12.5	2	1197	2394
	18	12.5	2	485	970

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	889.8	399.8
CA60	12.5	33.6	36.6
PESO TOTAL (kg)		586.3	96
CA50	435.5		
CA60	96		

Volume de concreto (C-25) = 9.73 m³
Área de forma = 148.51 m²

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V10	1	5.0	102	121	12342
V12	2	10.0	8	649	5192
	3	10.0	2	709	1418
	4	10.0	2	716	1432
	5	10.0	2	709	1418
	6	10.0	2	716	1432
	7	10.0	2	912	1824
	8	10.0	2	622	1244
	9	12.5	2	1197	2394
	10	12.5	2	506	1012

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	139.6	64.7
CA60	12.5	34.1	36.1
PESO TOTAL (kg)		123.4	20.9
CA50	130.8		
CA60	20.9		

Volume de concreto (C-25) = 2.24 m³
Área de forma = 34.15 m²



PRÓ-REITORIA DE ADMINISTRAÇÃO
COORDENAÇÃO DE ENGENHARIA E ARQUITETURA
Alameda Santiago do Chile, 195 - Nossa Sen. des Dones - CEP 97506-485 - Santa Maria/RS
Telefone: (51) 3218-7819

OBRA: AMPLIAÇÃO PRÉDIO D

LOCAL: IF FARROUPILHA - CAMPUS SANTO AUGUSTO

PROJETO: ESTRUTURAL

ÁREA: 359,88m²

CONTEÚDO: VIGAS PAV. TÉRREO

ESCALA: 1/50

PROPRIETÁRIO: INSTITUTO FEDERAL FARROUPILHA

DATA: JULHO/2019

RESPONSÁVEL: ENG. CIVIL CRISTINA SILVA FELTON

DESENHO: VITOR LIMA

PRANCHA: 05/12