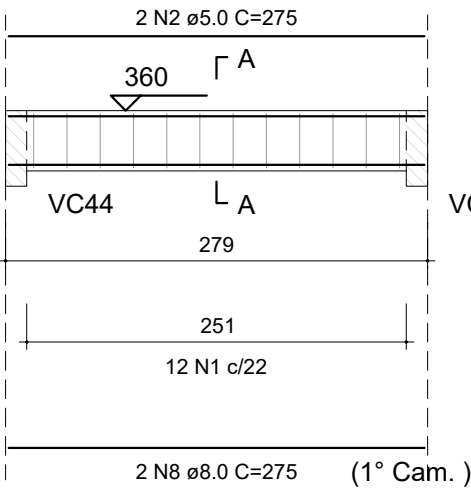


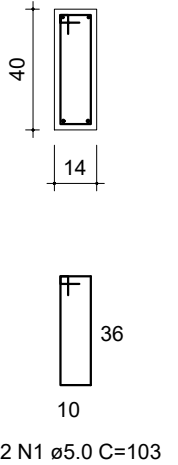
PROJETO ESTRUTURAL - CRECHE BEIRA RIO

Escala indicada

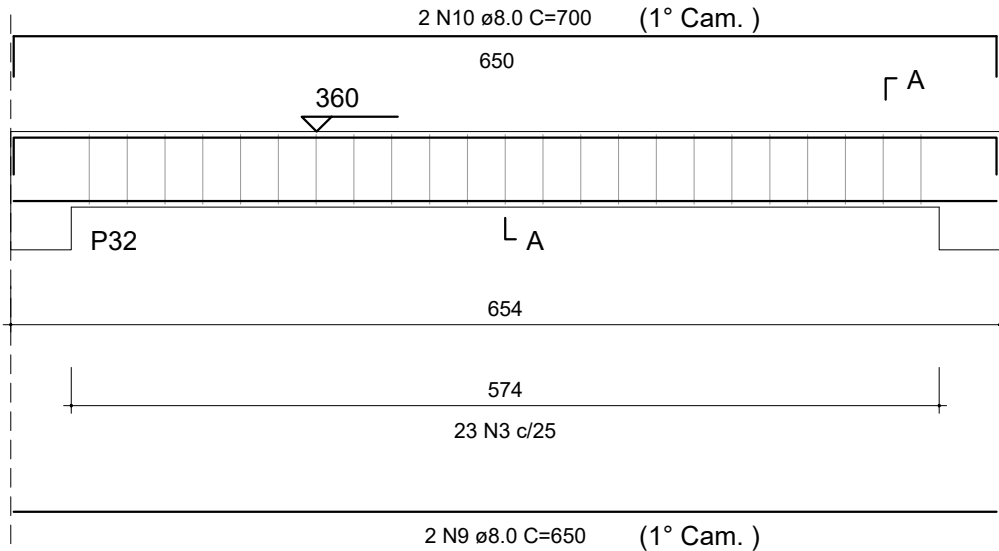
VC20
Escala 1:50



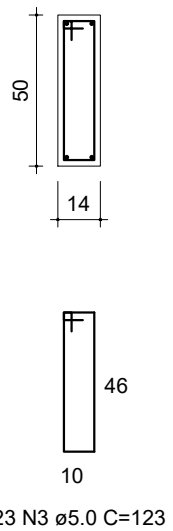
SEÇÃO A-A
Escala 1:25



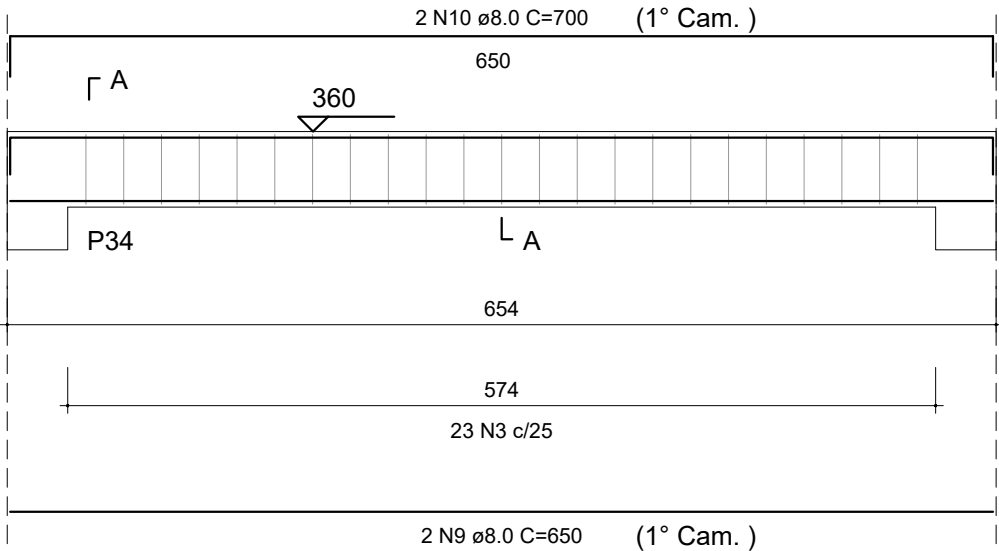
VC21
Escala 1:50



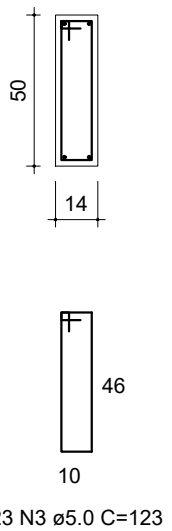
SEÇÃO A-A
Escala 1:25



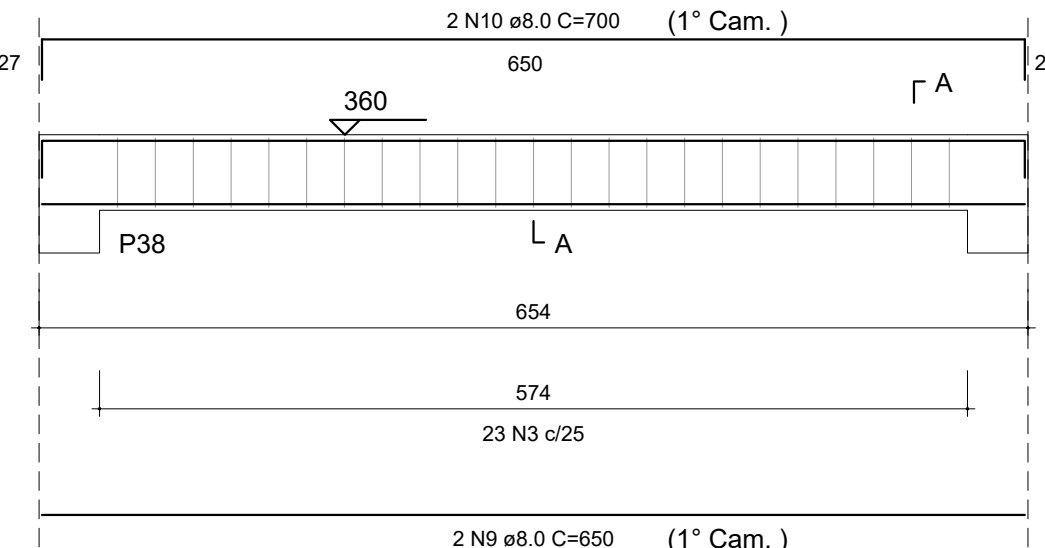
VC22
Escala 1:50



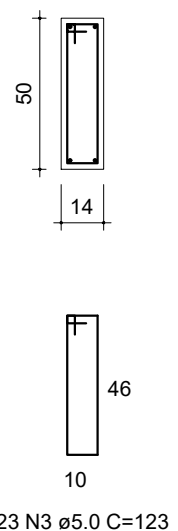
SEÇÃO A-A
Escala 1:25



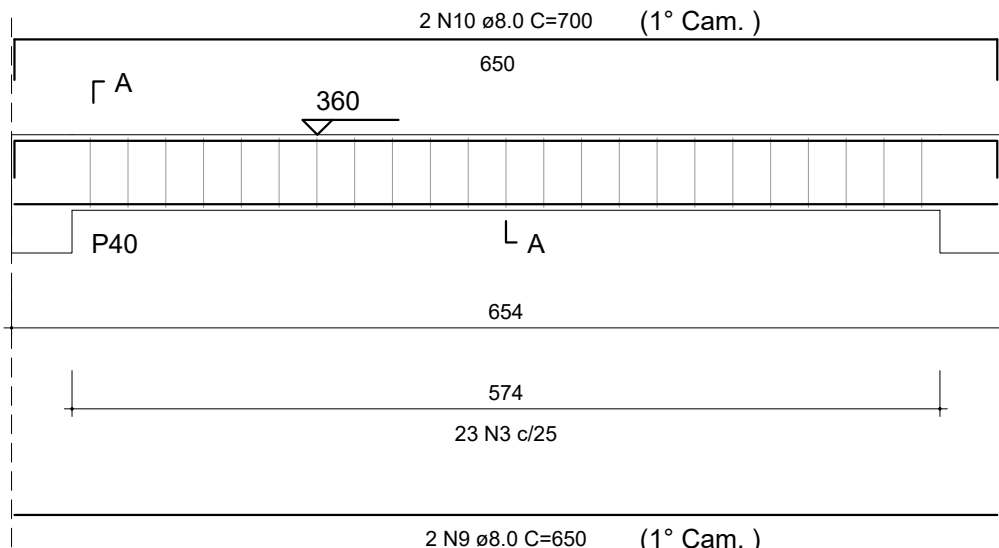
VC23
Escala 1:50



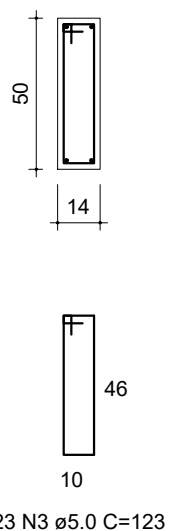
SEÇÃO A-A
Escala 1:25



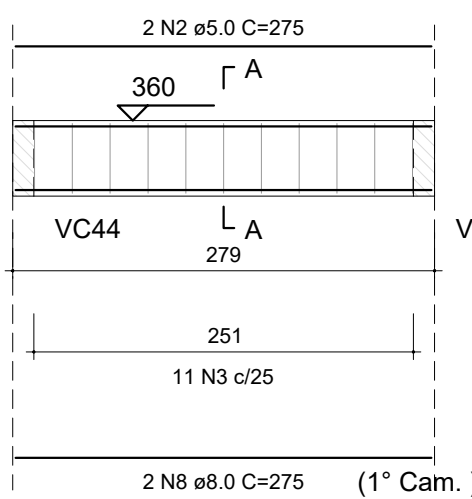
VC24
Escala 1:50



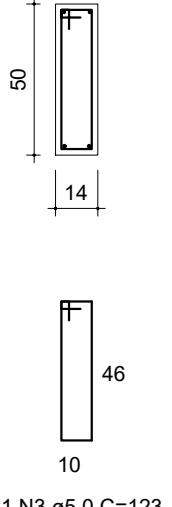
SEÇÃO A-A
Escala 1:25



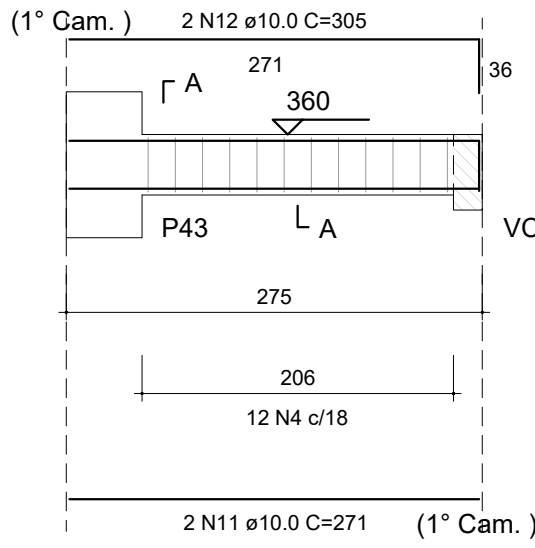
VC25
Escala 1:50



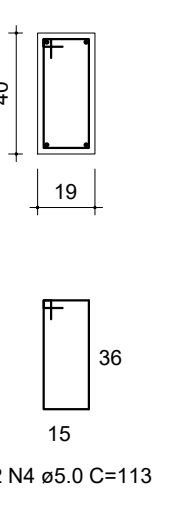
SEÇÃO A-A
Escala 1:25



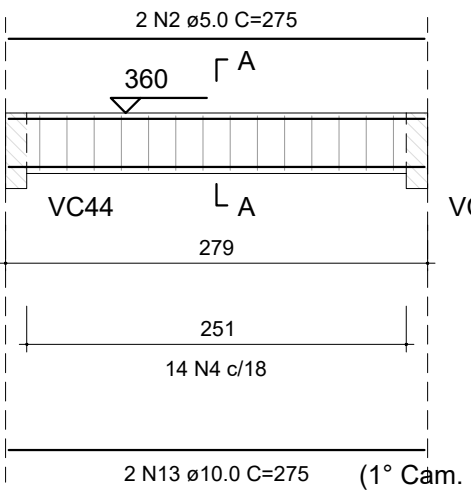
VC26
Escala 1:50



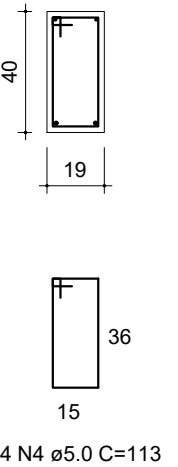
SEÇÃO A-A
Escala 1:25



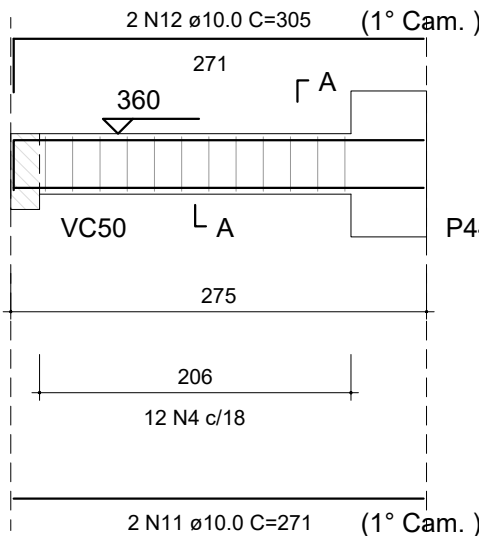
VC27
Escala 1:50



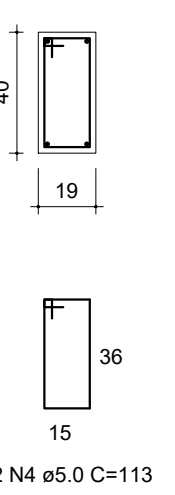
SEÇÃO A-A
Escala 1:25



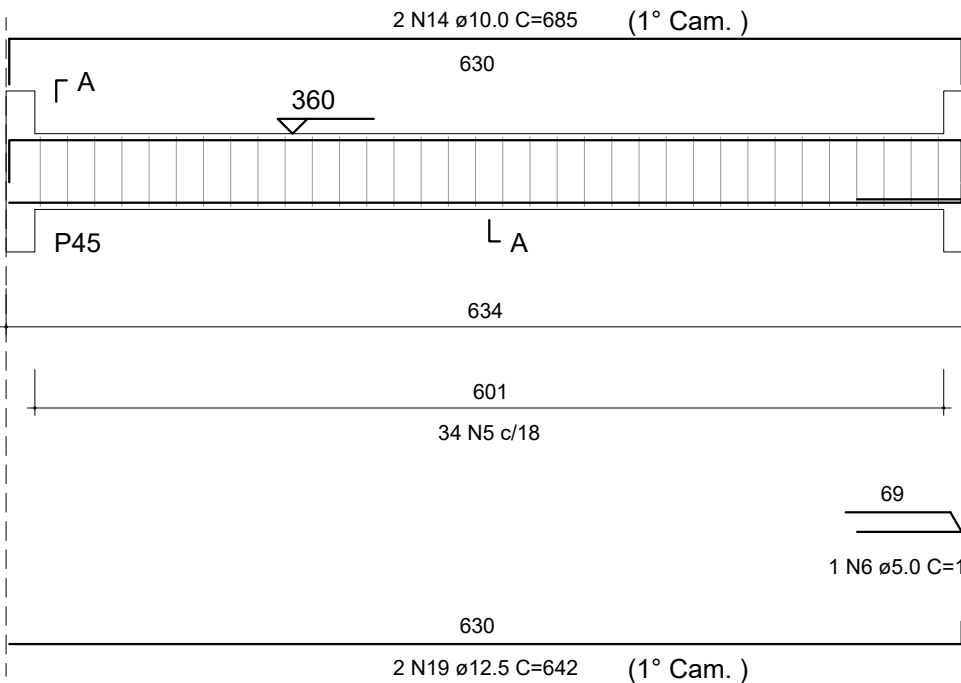
VC28
Escala 1:50



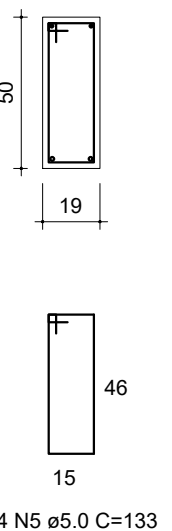
SEÇÃO A-A
Escala 1:25



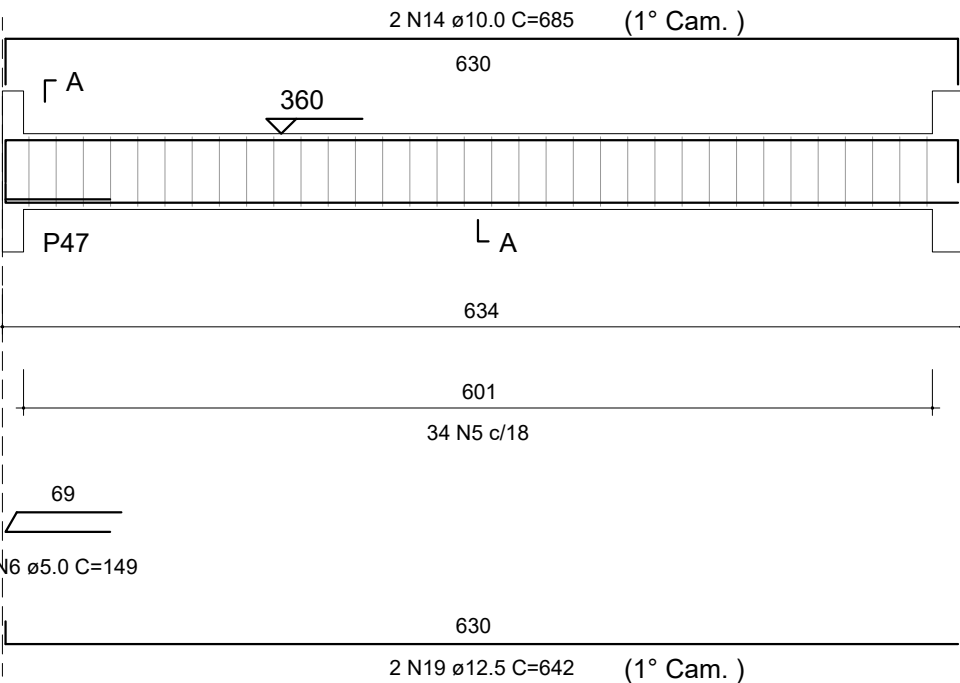
VC29
Escala 1:50



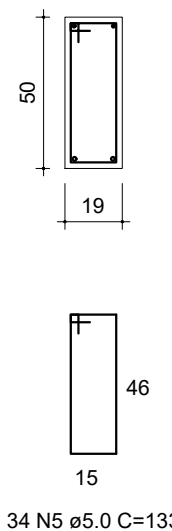
SEÇÃO A-A
Escala 1:25



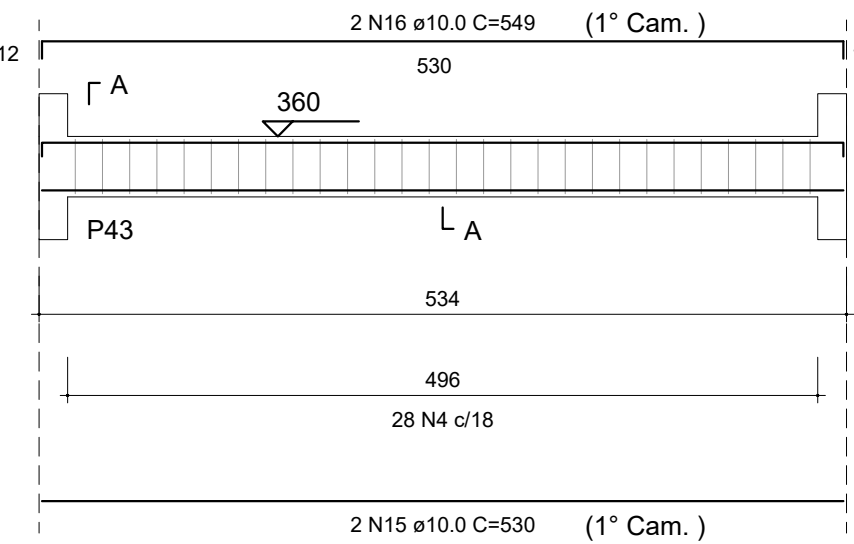
VC30
Escala 1:50



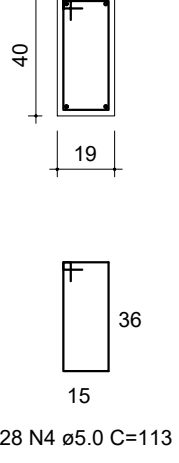
SEÇÃO A-A
Escala 1:25



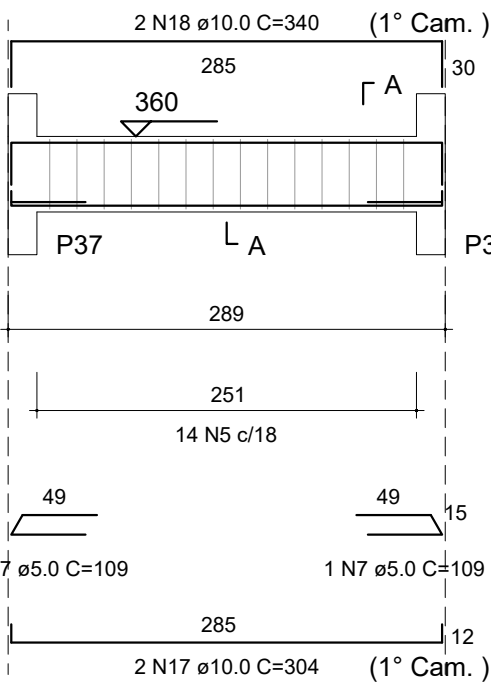
VC31
Escala 1:50



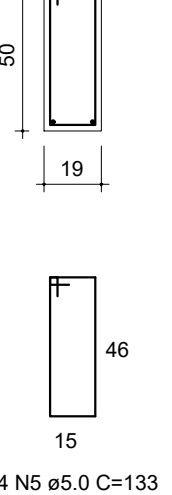
SEÇÃO A-A
Escala 1:25



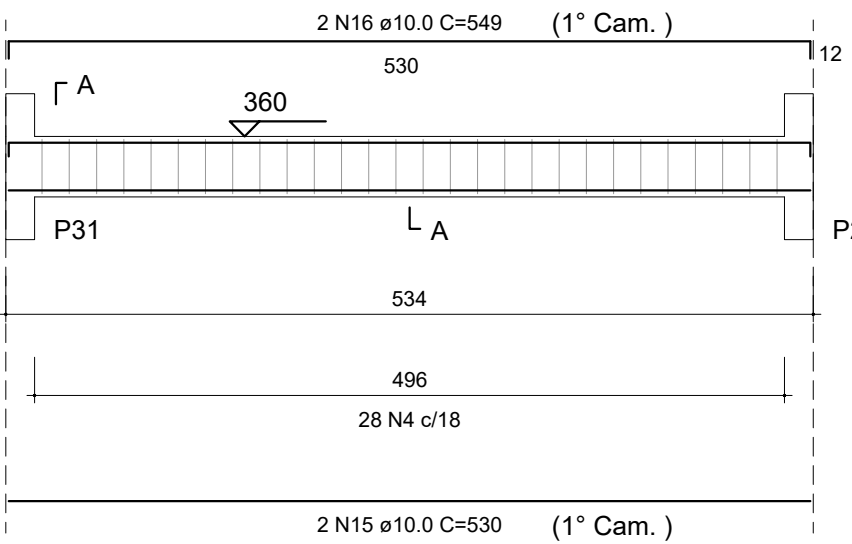
VC32
Escala 1:50



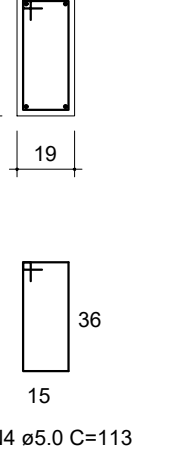
SEÇÃO A-A
Escala 1:25



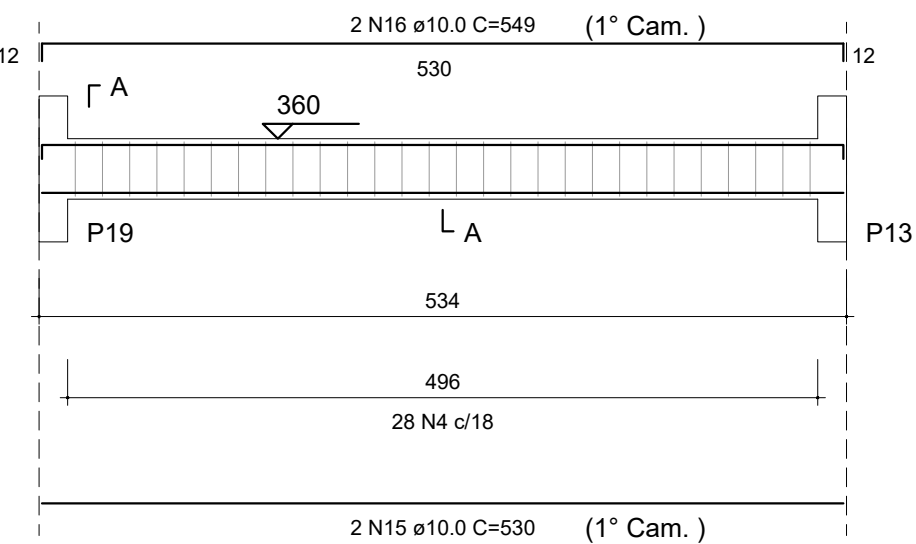
VC33
Escala 1:50



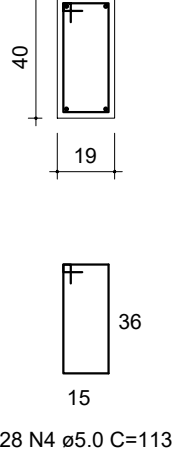
SEÇÃO A-A
Escala 1:25



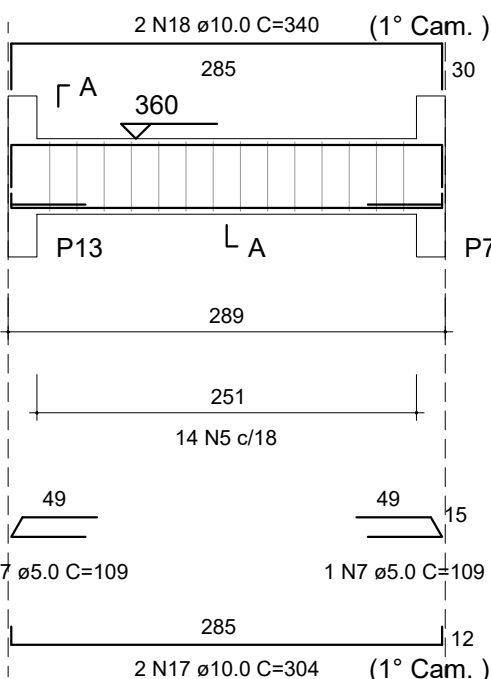
VC34
Escala 1:50



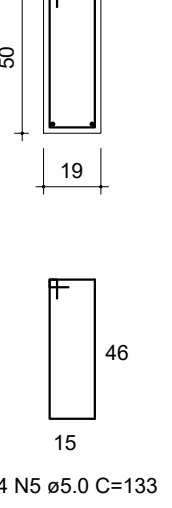
SEÇÃO A-A
Escala 1:25



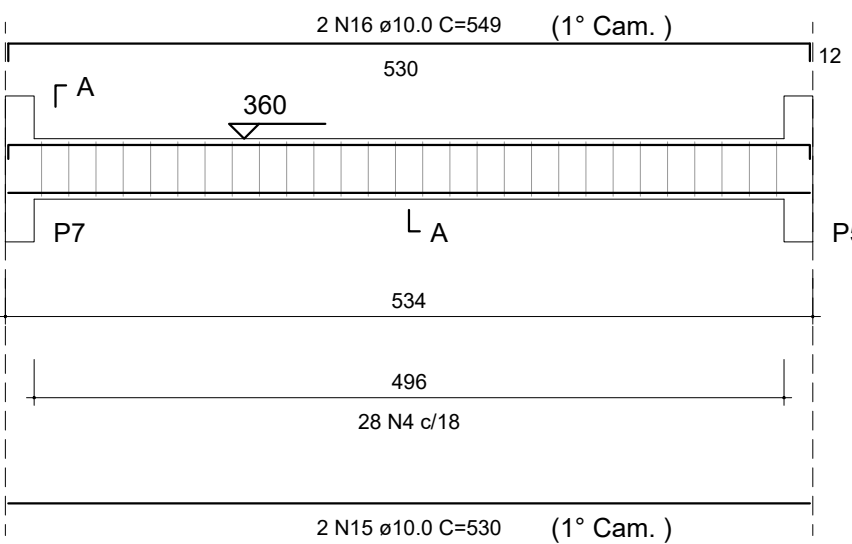
VC35
Escala 1:50



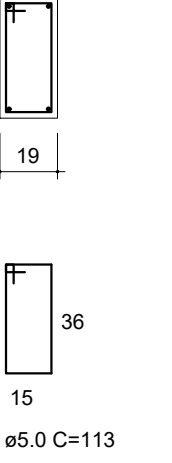
SEÇÃO A-A
Escala 1:25



VC36
Escala 1:50



SEÇÃO A-A
Escala 1:25



RELAÇÃO DO AÇO

VC20	VC21	VC22
VC23	VC24	VC25
VC26	VC27	VC28
VC29	VC30	VC31
VC32	VC33	VC34
VC35	VC36	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	103	1236
	2	5.0	6	275	1650
	3	5.0	103	123	12689
	4	5.0	150	113	16950
	5	5.0	96	133	12768
	6	5.0	2	149	298
	7	5.0	4	109	436
	8	8.0	4	275	1100
	9	8.0	8	650	5200
	10	8.0	8	700	5600
	11	10.0	4	271	1084
	12	10.0	4	305	1220
	13	10.0	2	275	550
	14	10.0	4	685	2740
	15	10.0	8	530	4240
	16	10.0	8	549	4392
	17	10.0	4	304	1216
	18	10.0	4	340	1360
	19	12.5	4	642	2568

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	119	11	51.7
	10.0	168	16	113.9
	12.5	25.7	3	27.2
CA60	5.0	460.1	43	78
PESO TOTAL (kg)				
CA50	192.8			
CA60	78			

Volume de concreto (C-30) = 6.19 m³

Área de forma = 86.95 m²



Rua Miguel Vianna, nº 81, Sala 12
Bairro Morro Chic
CEP: 37500-080 - Itajubá / MG
Tel: (35) 3623-5720
www.dacengenharia.com.br

GERÊNCIA DE PROJETOS
PEDRO HENRIQUE JUSTINIANO ENG. CIVIL
COORDENAÇÃO DE PROJETOS
ALOISIO CAETANO FERREIRA CREA: MG-97.132/D
RESPONSÁVEL TÉCNICO
ENGR. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D
PROJETO
ENGR. CIVIL WILLIAM BARADEL LARI
DESENHO
ENGR. CIVIL WILLIAM BARADEL LARI

EMPREENDIMENTO

CONSTRUÇÃO DA CRECHE BEIRA RIO

ENDEREÇO
RUA MARCOS FLÁVIO E DIAS, B. JARDIM BEIRA RIO
SANTA RITA DO SAPUCAÍ - MINAS GERAIS

DISCIPLINA
ESTRUTURA

ASSUNTO
PROJETO ESTRUTURAL EM CONCRETO ARMADO
BLOCO I/II - DETALHAMENTO DAS VIGAS DA COBERTURA

FASE DO PROJETO
EXECUTIVO

FOLHA Nº.

15

DATA INICIAL 02/02/2022 ESCALA INDICADA REVISÃO R00 ARQUIVO DAC-PMSRS-CBR-PE-EST-R00.DWG