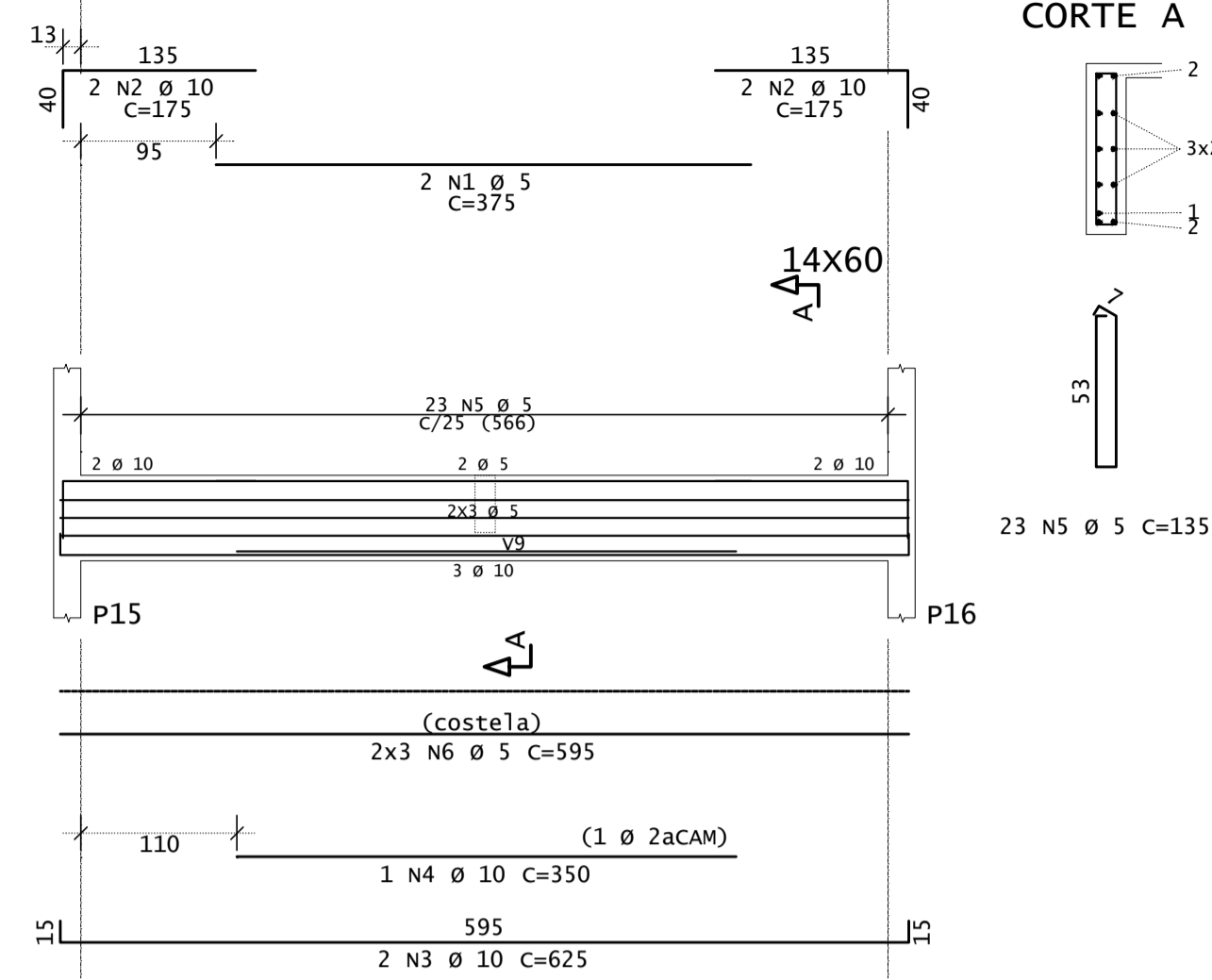
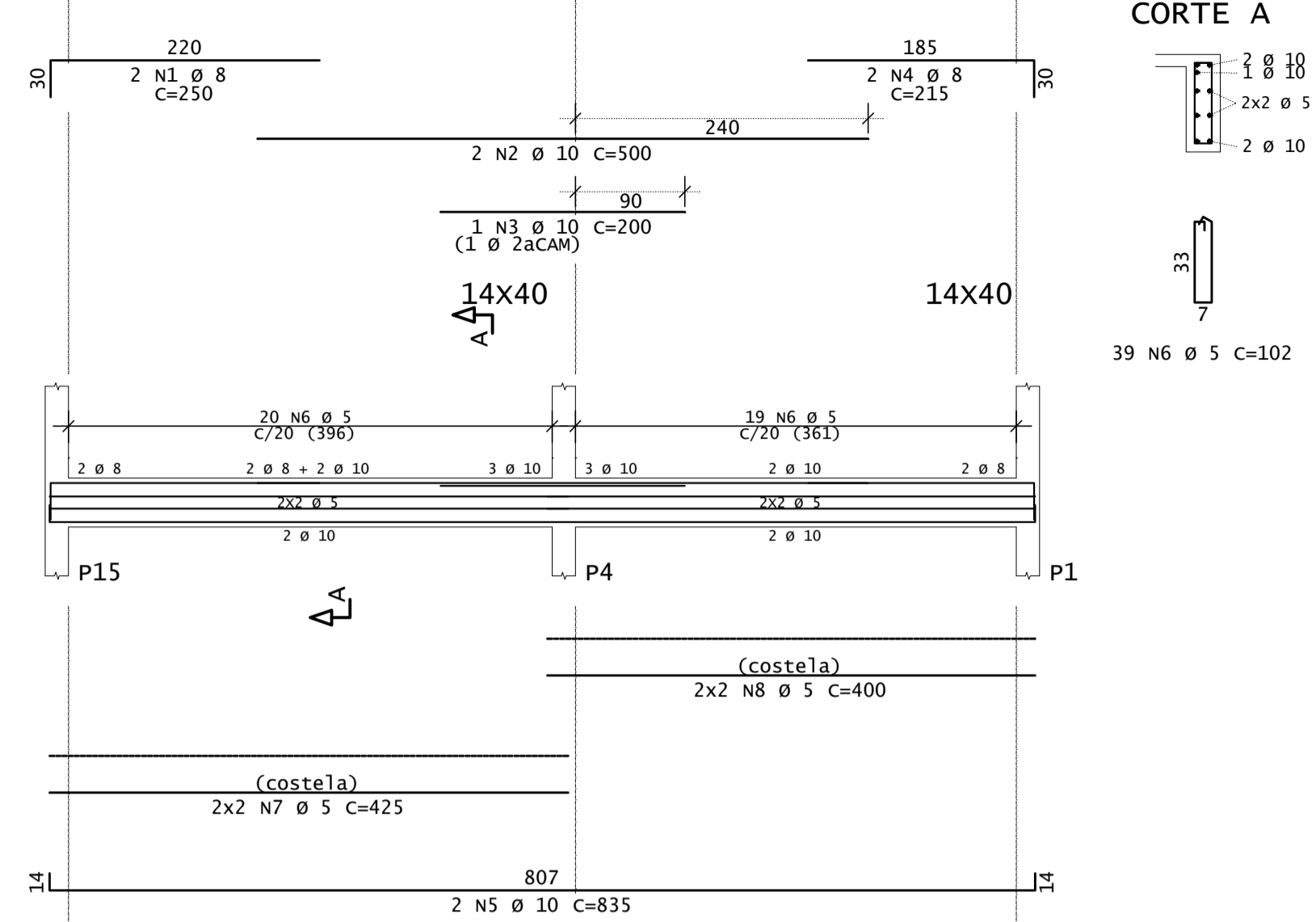


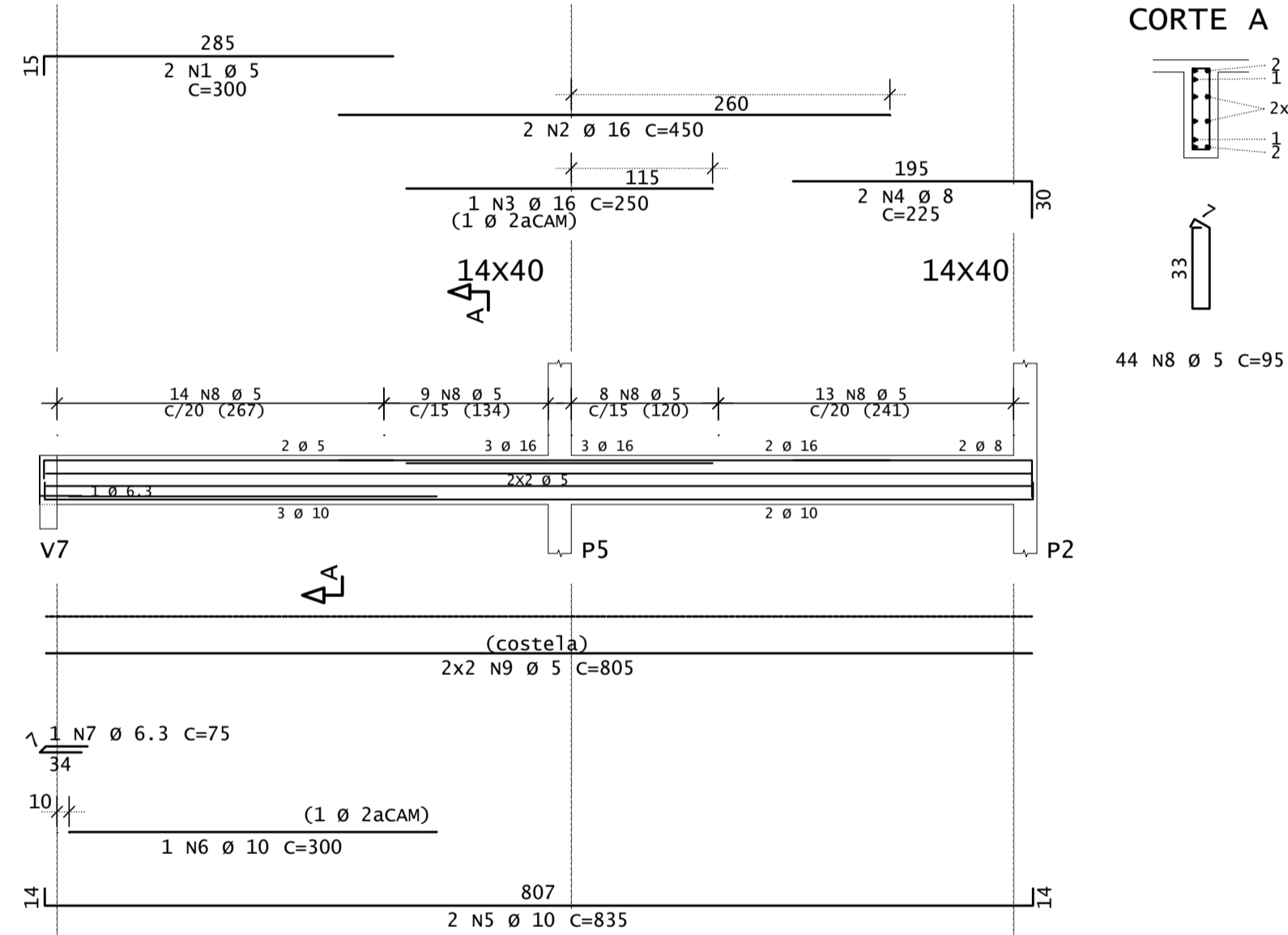
V7



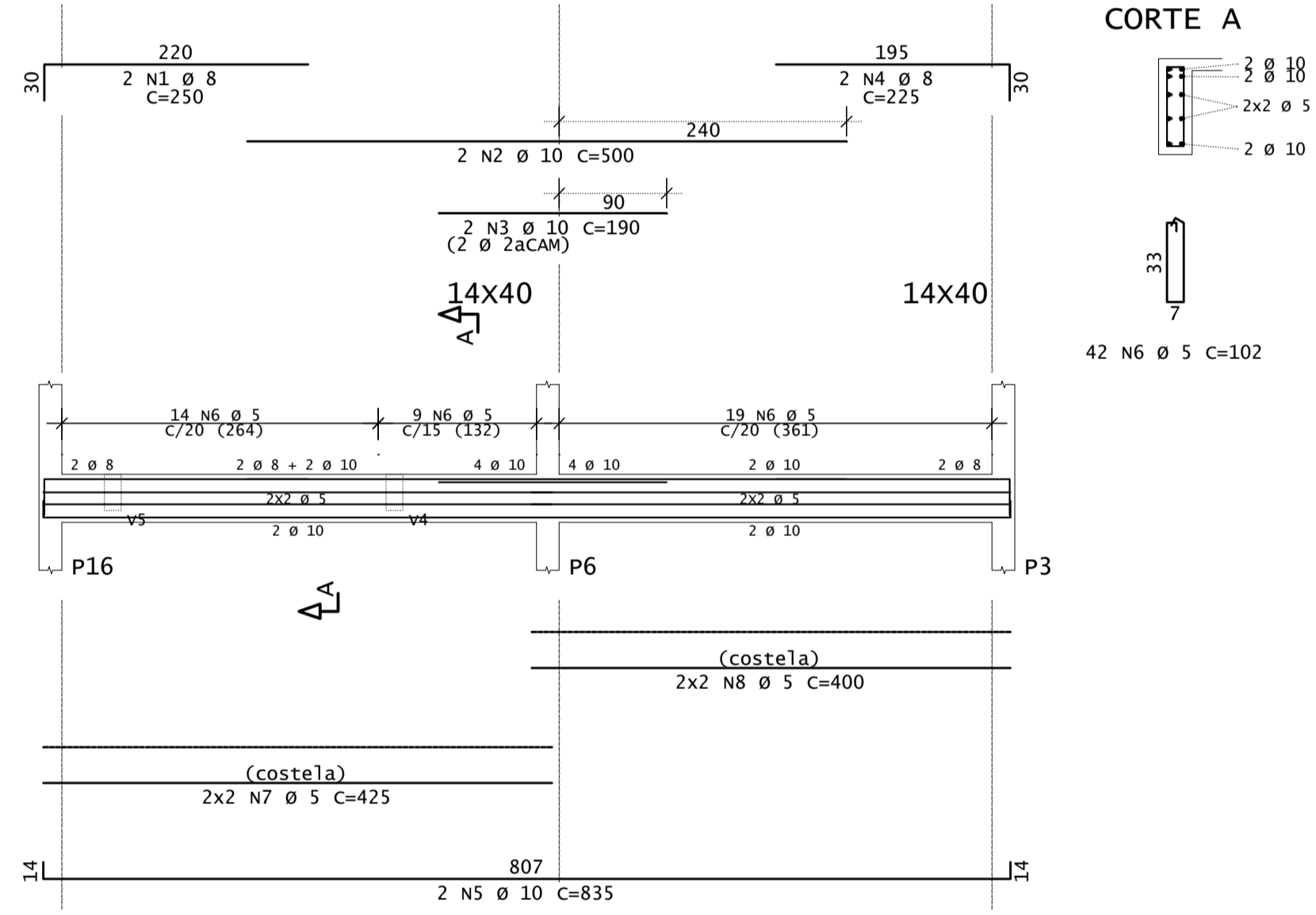
V8



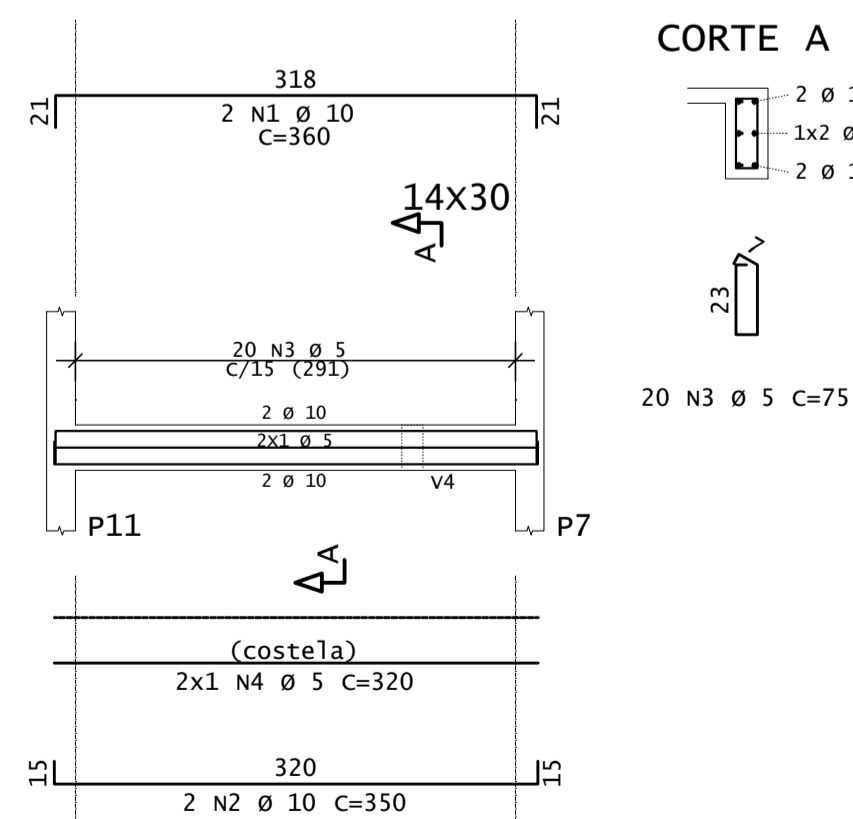
V9



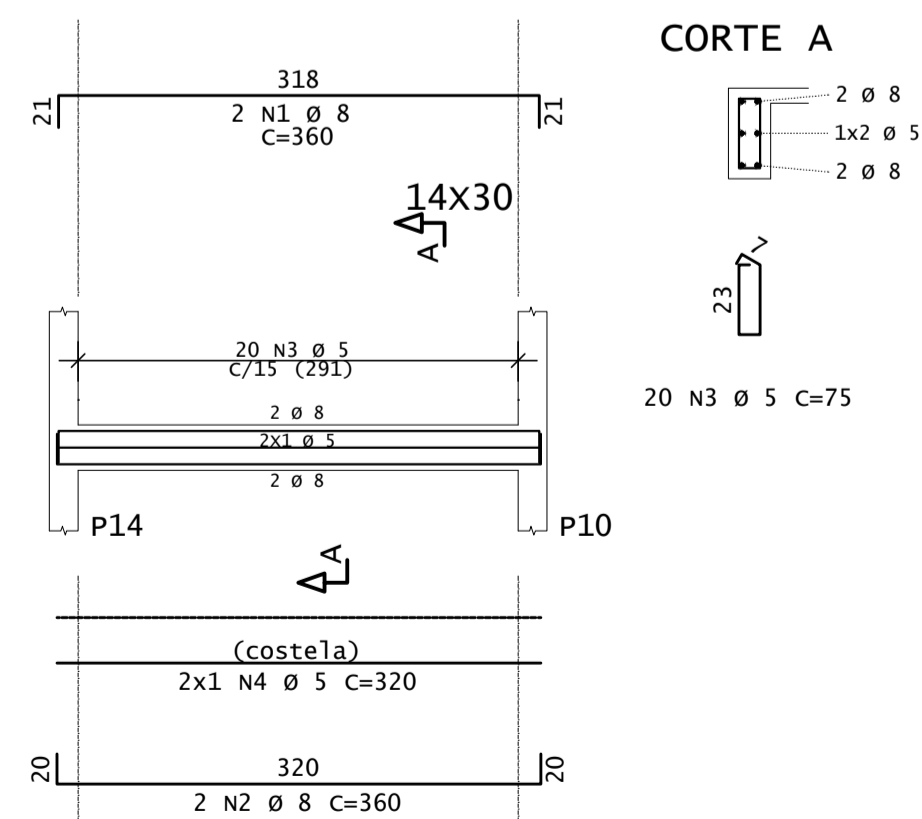
V10



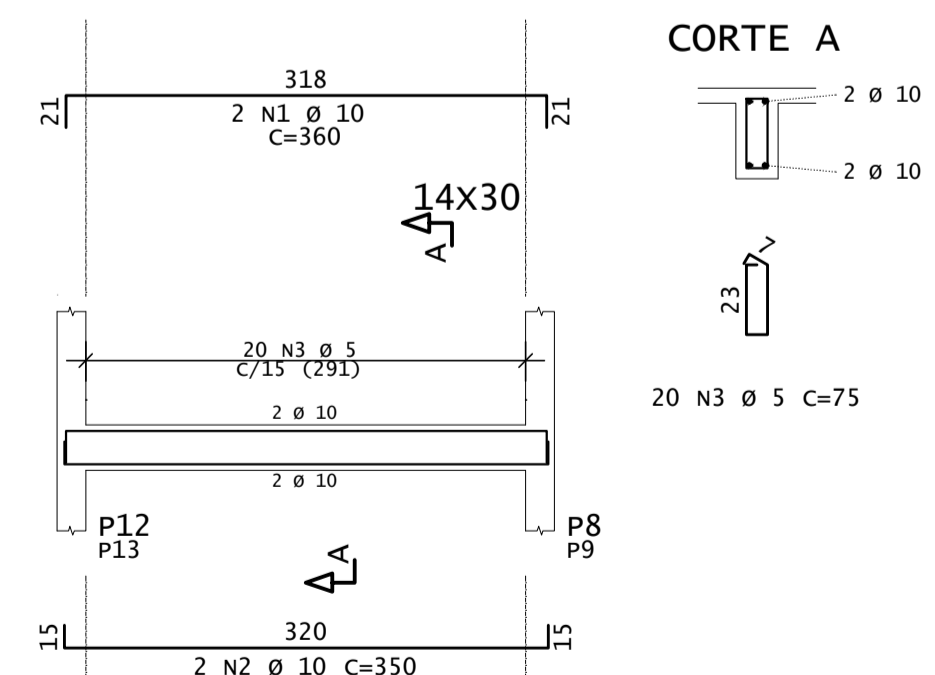
V11



V12



V13=V14



DIÂMETROS DE CURVATURA

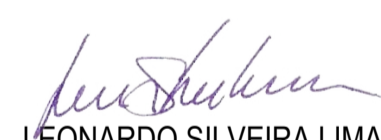
Ø	8	10	12 ¹	16	20	22 ²	25
db (mm)	4	5	6 ⁵	8	16	18	20

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
mm	cm	cm		cm	cm
V7					
60	1	5	2	375	750
50	2	10	4	175	700
50	3	10	2	625	1250
50	4	10	1	350	350
60	5	5	23	135	3105
60	6	5	6	595	3570
V8					
50	1	8	2	250	500
50	2	10	2	500	1000
50	3	10	1	200	200
50	4	8	2	215	430
50	5	10	2	835	1670
60	6	5	39	102	3978
60	7	5	4	425	1700
60	8	5	4	400	1600
V9					
60	1	5	2	300	600
50	2	16	2	450	900
50	3	16	1	250	250
50	4	8	2	225	450
50	5	10	2	835	1670
50	6	10	1	300	300
50	7	6.3	1	75	75
60	8	5	44	95	4180
60	9	5	4	805	3220
V10					
50	1	8	2	250	500
50	2	10	2	500	1000
50	3	10	2	190	380
50	4	8	2	225	450
50	5	10	2	835	1670
60	6	5	42	102	4284
60	7	5	4	425	1700
60	8	5	4	400	1600
V11					
50	1	10	2	360	720
50	2	10	2	350	700
60	3	5	20	75	1500
60	4	5	2	320	640
V12					
50	1	8	2	360	720
50	2	8	2	360	720
60	3	5	20	75	1500
60	4	5	2	320	640
V13=V14 (X2)					
50	1	10	4	360	1440
50	2	10	4	350	1400
60	3	5	40	75	3000

RESUMO DE AÇO

AÇO	BIT	COMPR	PESO
mm	mm	m	kgf
60	5	376	58
50	6.3	1	0
50	8	38	15
50	10	145	89
50	16	12	18
Peso Total		60 =	58 kgf
Peso Total		50 =	122 kgf

ASSINATURAS E APROVAÇÃO

PROJETISTA: 
 PROPRIETÁRIO:
 LEONARDO SILVEIRA LIMA
 ENGENHEIRO CIVIL - RNP: 0601581067

APROVAÇÃO

PROPRIETÁRIO:
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 FONE: (85) 3241-3147 | EMAIL: GEOPAC@GEOPAC.COM.BR

PREFETURA MUNICIPAL DE ARACATI

OBRA:
CONST. DA CENTRAL DE TURISMO E SEDE DOS BUGUEIROS DE CANOA QUEBRADA

PROJETO:
ESTRUTURAL - SEDE DOS BUGUEIROS

IDENTIFICAÇÃO DOS DESENHOS:
VIGAS

LOCAL: ARACATI/CE
 DATA: OUT/2023
 PRANCHA: 09/10
 DESENHO: INDICADA
 CONTROLE: