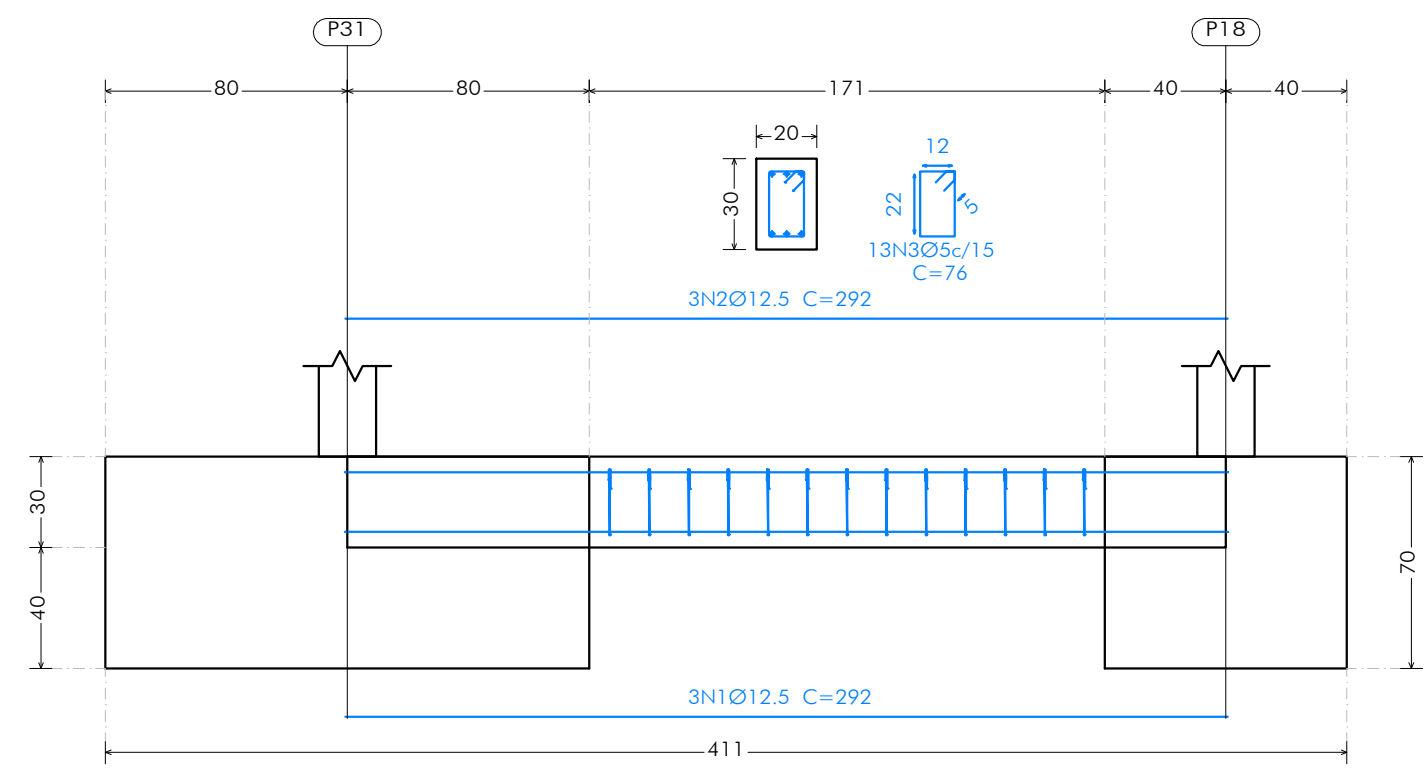


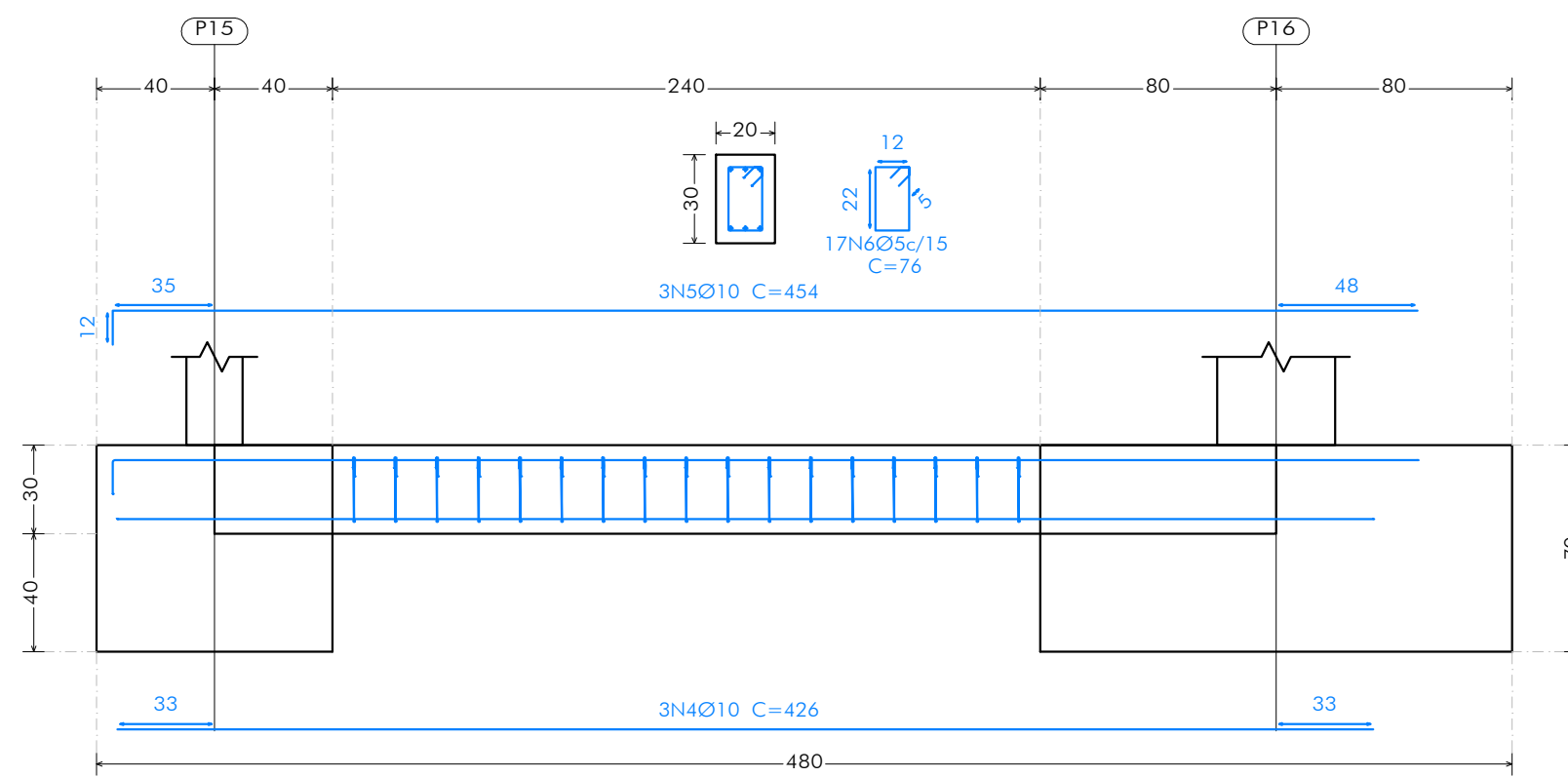
DETALHAMENTO VIGAS DE FUNDAÇÃO
NÍVEL -0,50M

01 VB2 (P31-P18)
ESCALA 1:25



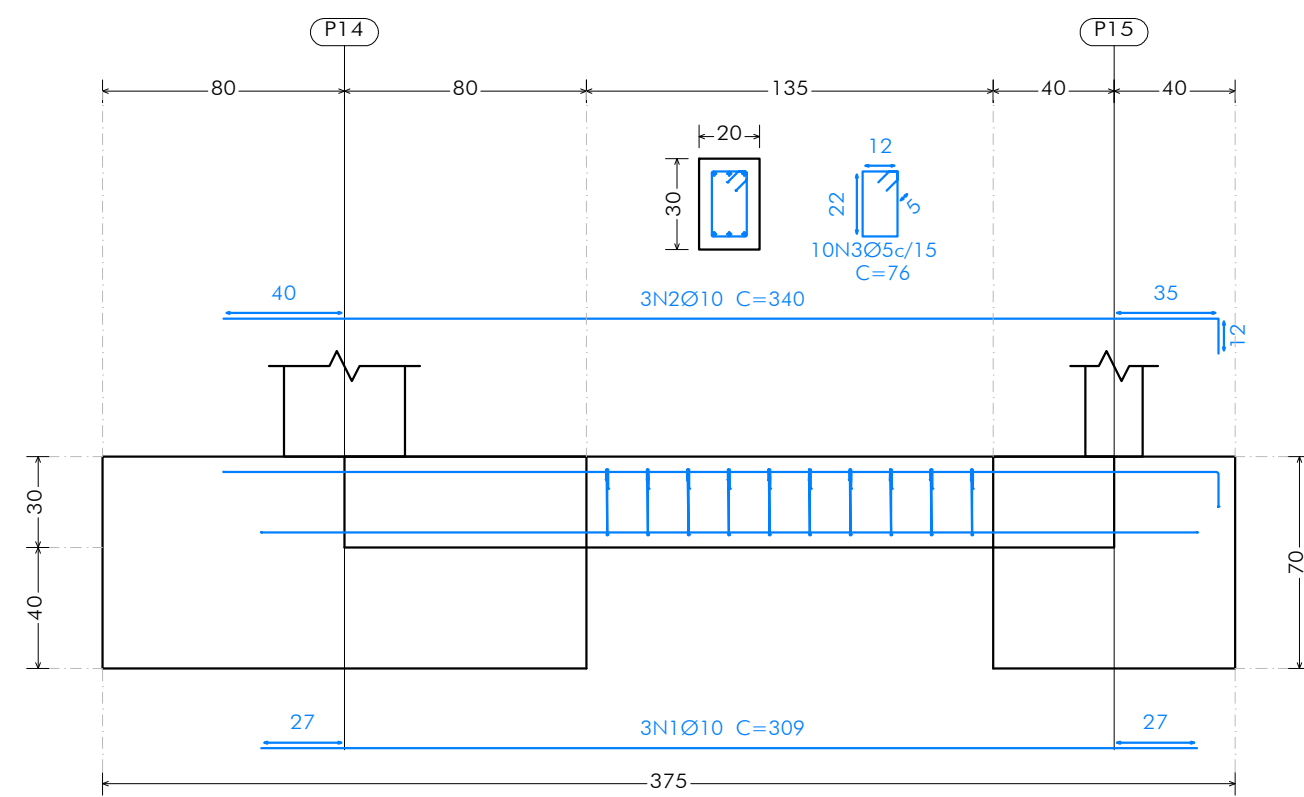
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V2 [P31 - P18]	1	Ø12.5	3		292		292	876	8.4	
	2	Ø12.5	3		292		292	876	8.4	
	3	Ø5	13		76		76	988		1.6
Total+10%:									18.5	1.8

01 VB1 (P15-P16)
ESCALA 1:25



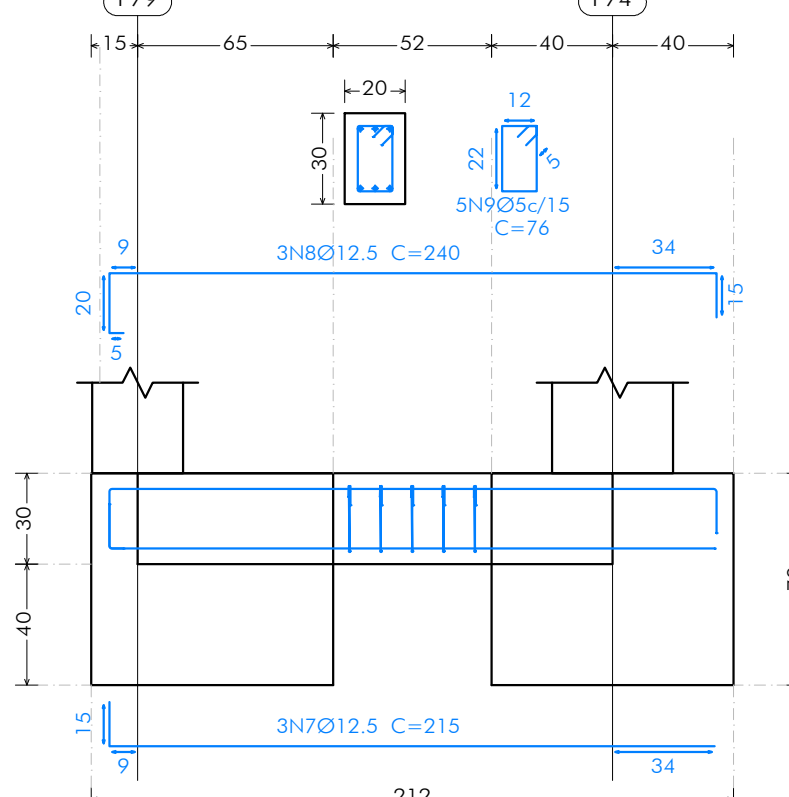
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [P15 - P16]	4	Ø10	3		426		426	1278	7.9	
	5	Ø10	3		442		454	1362	8.4	
	6	Ø5	17		76		76	1292		2.0
Total+10%:									17.9	2.2

01 VB1 (P14-P15)
ESCALA 1:25



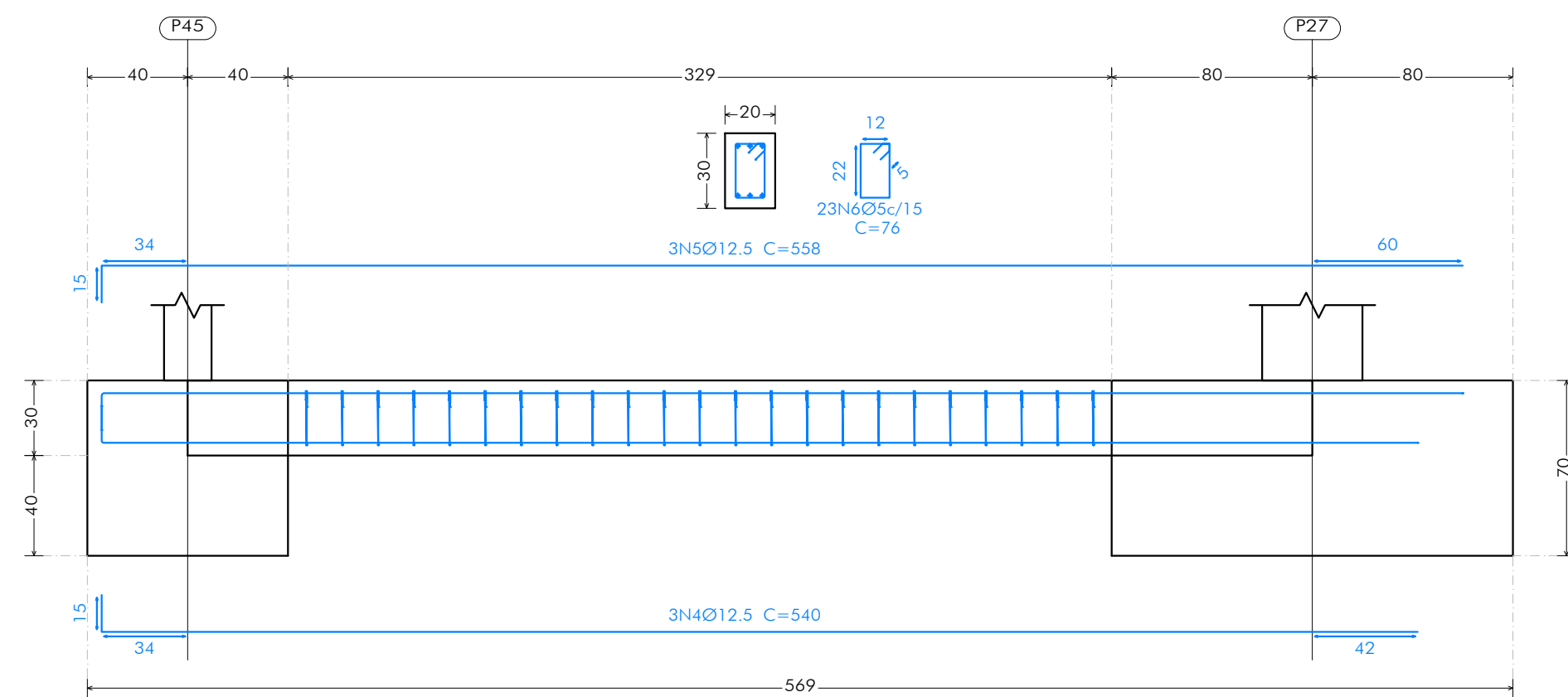
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [P14 - P15]	1	Ø10	3		309		309	927	5.7	
	2	Ø10	3		328		340	1020	6.3	
	3	Ø5	10		76		76	760		1.2
Total+10%:									13.2	1.3

01 VB2 (P79-P74)
ESCALA 1:25



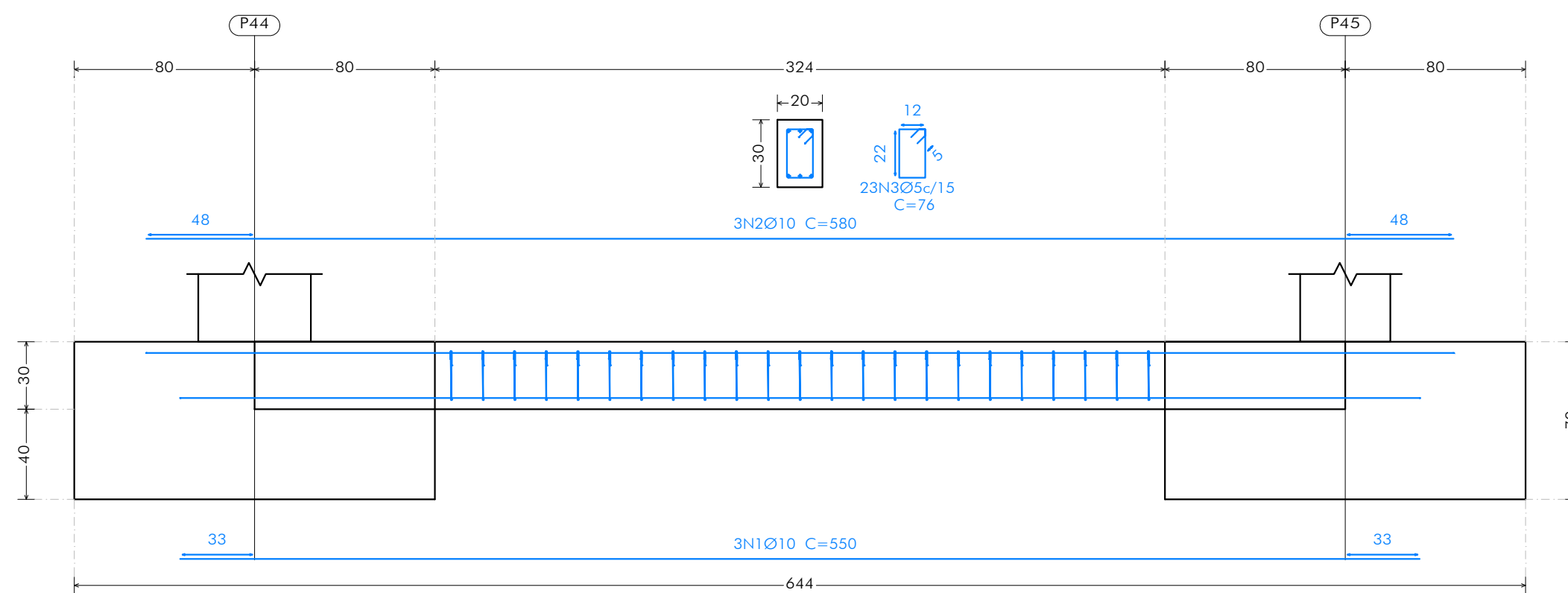
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V2 [P79 - P74]	7	Ø12.5	3		15		15	200	6.2	
	8	Ø12.5	3		5		5	220	7.0	
	9	Ø5	5		76		76	380		0.6
Total+10%:									14.4	0.7

01 VB2 (P45-P27)
ESCALA 1:25



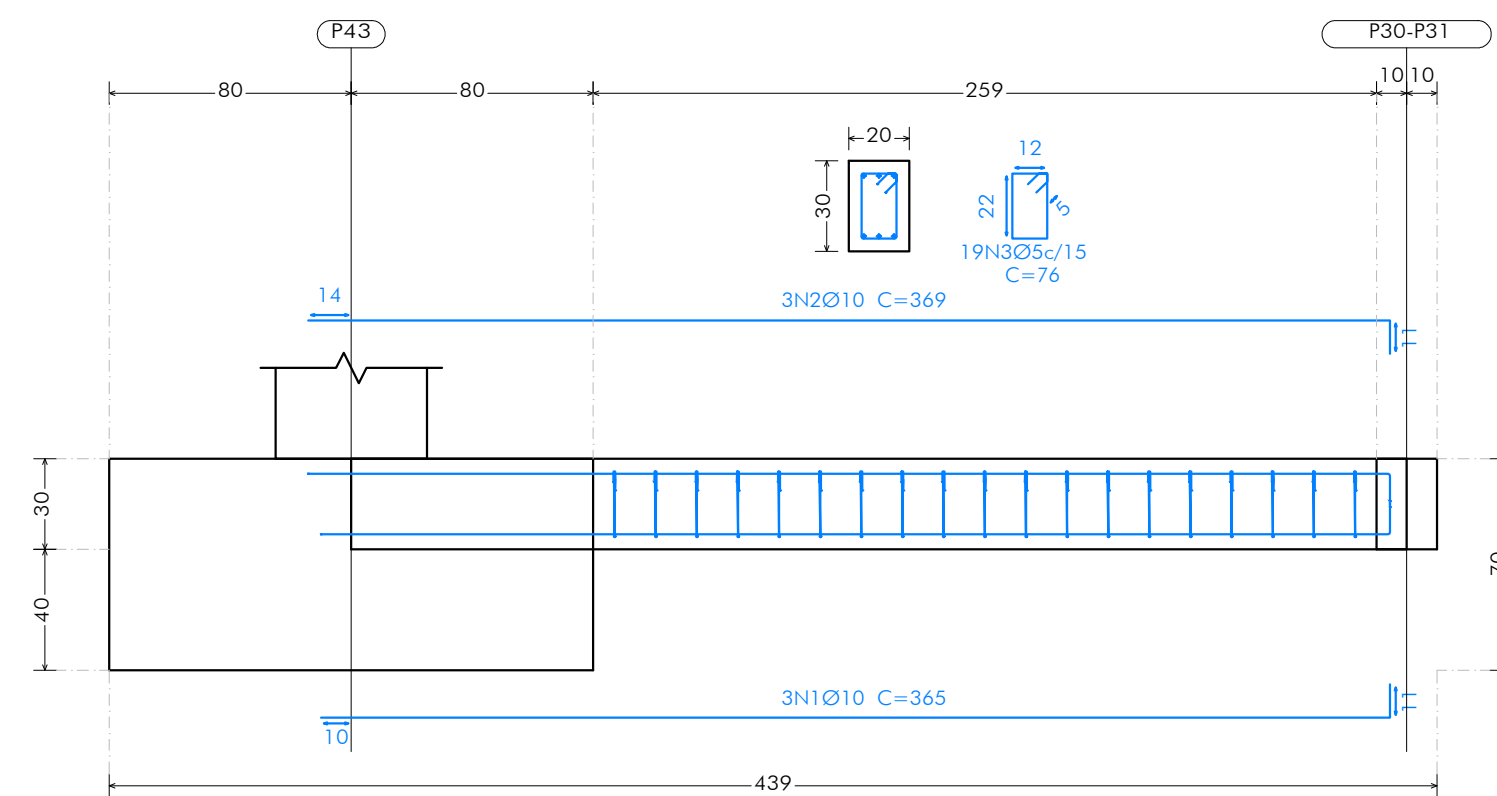
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V2 [P45 - P27]	4	Ø12.5	3		525		540	1620	15.6	
	5	Ø12.5	3		543		558	1674	16.1	
	6	Ø5	23		76		76	1748		2.7
Total+10%:									34.9	3.0

01 VB1 (P44-P45)
ESCALA 1:25



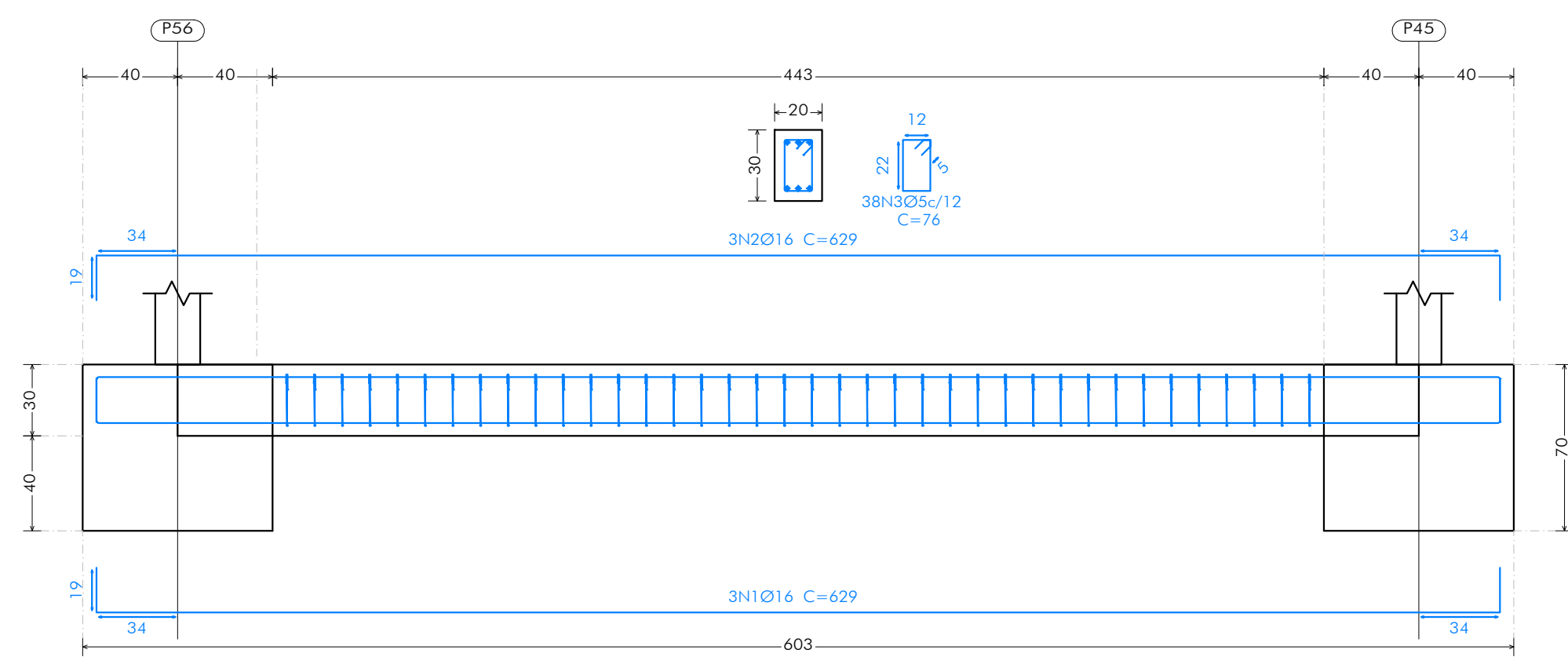
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [P44 - P45]	1	Ø10	3		550		550	1650	10.2	
	2	Ø10	3		580		580	1740	10.7	
	3	Ø5	23		76		76	1748		2.7
Total+10%:									23.0	3.0

01 VB1 [P43-(P30-P31)]
ESCALA 1:25



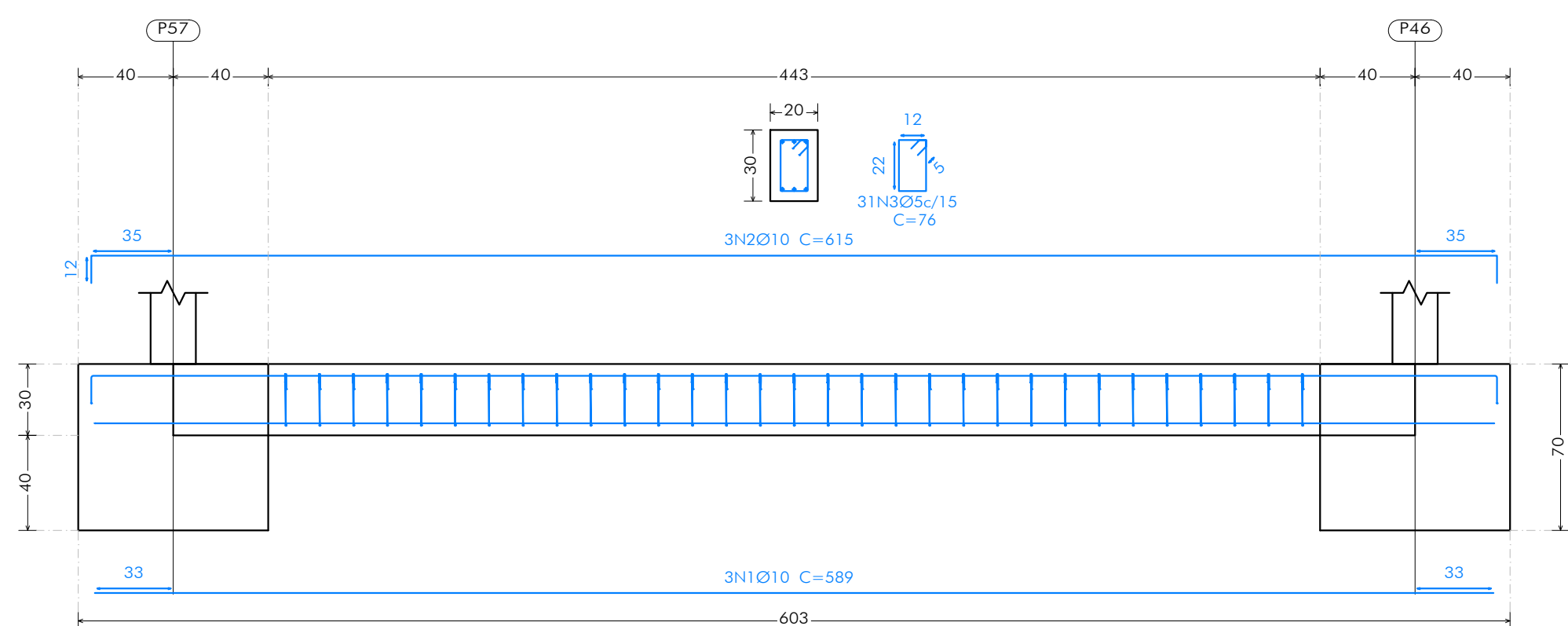
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [P43 - (P30-P31)]	1	Ø10	3		354		365	1095	6.7	
	2	Ø10	3		358		369	1107	6.8	
	3	Ø5	19		76		76	1444		2.3
Total+10%:									14.9	2.5

01 VB6 (P56-P45)
ESCALA 1:25



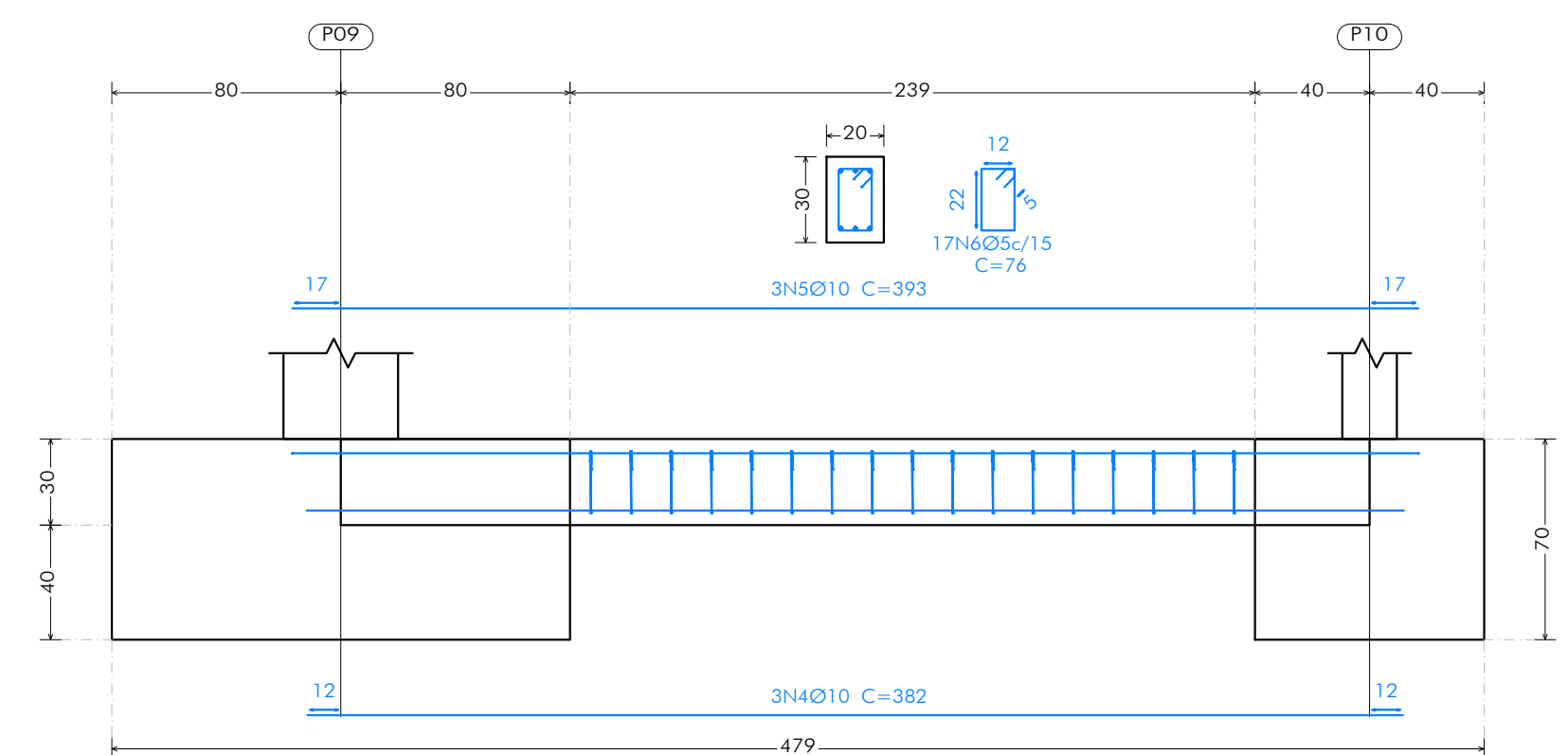
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V6 [P56 - P45]	1	Ø16	3		591		629	1887	29.8	
	2	Ø16	3		591		629	1887	29.8	
	3	Ø5	38		76		76	2888		4.5
Total+10%:									65.6	5.0

01 VB1 (P57-P46)
ESCALA 1:25



Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [P57 - P46]	1	Ø10	3		589		589	1767	10.9	
	2	Ø10	3		591		615	1845	11.4	
	3	Ø5	31		76		76	2356		3.7
Total+10%:									24.5	4.1

01 VB1 (P09-P10)
ESCALA 1:25

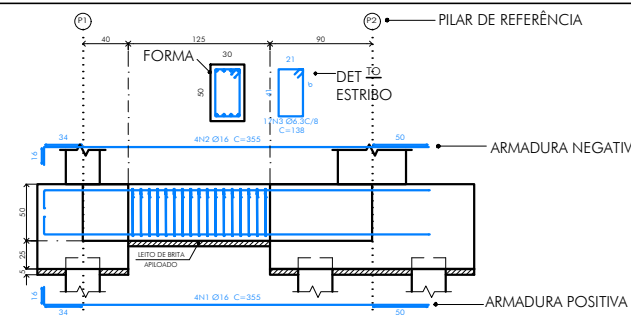


Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [P09 - P10]	4	Ø10	3		382		382	1146	7.1	
	5	Ø10	3		393		393	1179	7.3	
	6	Ø5	17		76		76	1292		2.0
Total+10%:									15.8	2.2

QUADRO REVISÕES:

REVISÃO	REFERÊNCIA	DESCRIÇÃO	DATA	APROVAÇÃO
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
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16				

LEGENDA:



OBSERVAÇÕES:

- 1- VIDE QUANTITATIVO DE CONSUMO DAS VIGAS BALDRAME NA FOLHA 06/52;
- 2- ABAIXO DE TODAS AS VIGAS BALDRAMES E BLOCOS DE CONCRETO ARMADO DEVE-SE COLOCAR LASTRO DE BRITA COM ESPESURA DE 5cm.

ICTHUS ENGENHARIA	PROJETO: ESCOLA MUNICIPAL CANARINHO	FECHA: 14/52
	CLIENTE: Prefeitura Municipal de Congonhal	ESCALA: 1:25
	TÍTULO: PROJETO ESTRUTURAL	UNIDADE: centímetro
	REVISÃO Nº: 01	REVISÃO: emissão
CEL: +55 31 98766.8483	AUTOR DO PROJETO: CARLOS H. A. ROSSI	DATA: set.2022
PONE: +55 35 3025.6092	REVISOR: C.Rossi	REVISOR: C.Rossi
ART. Nº: MG20221428328	CREA: 46.052/D	DESENHO Nº: CGH-F/PCE/00-14
	DESENHO: 51.236/MG	DESENHO: BMS/NSP