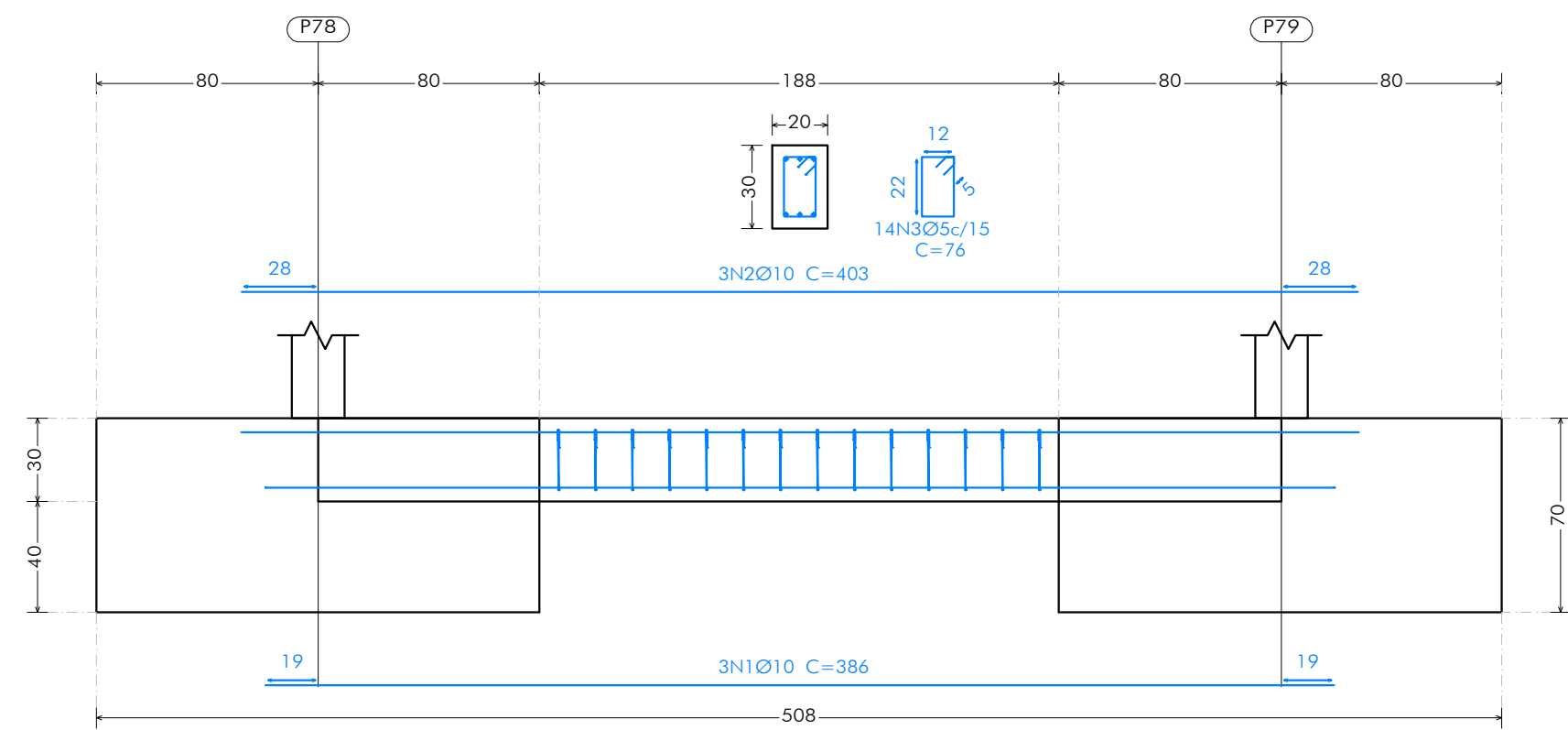


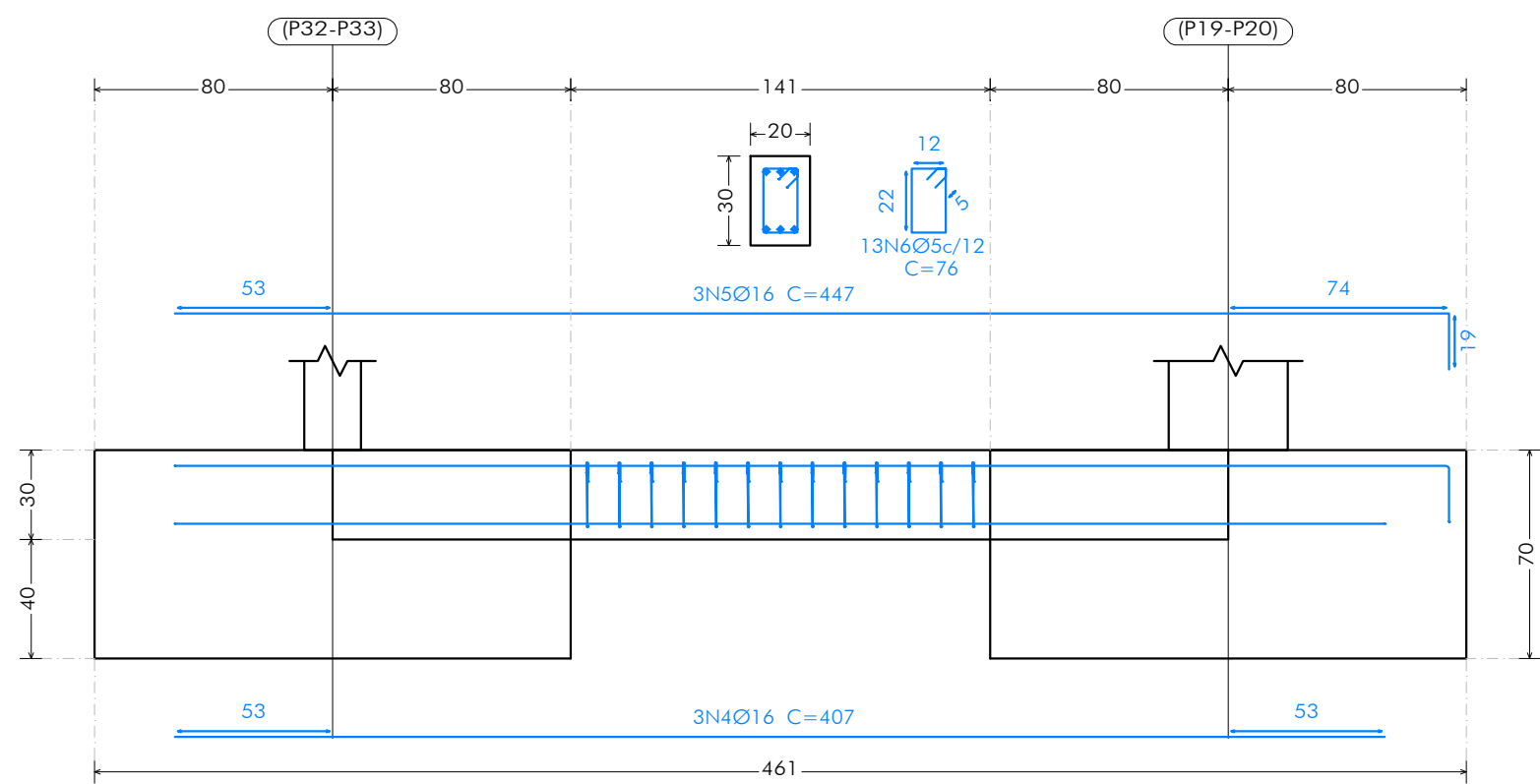
DETALHAMENTO VIGAS DE FUNDAÇÃO  
NÍVEL -0,50M

01 VB1 (P78-P79)  
ESCALA 1:25



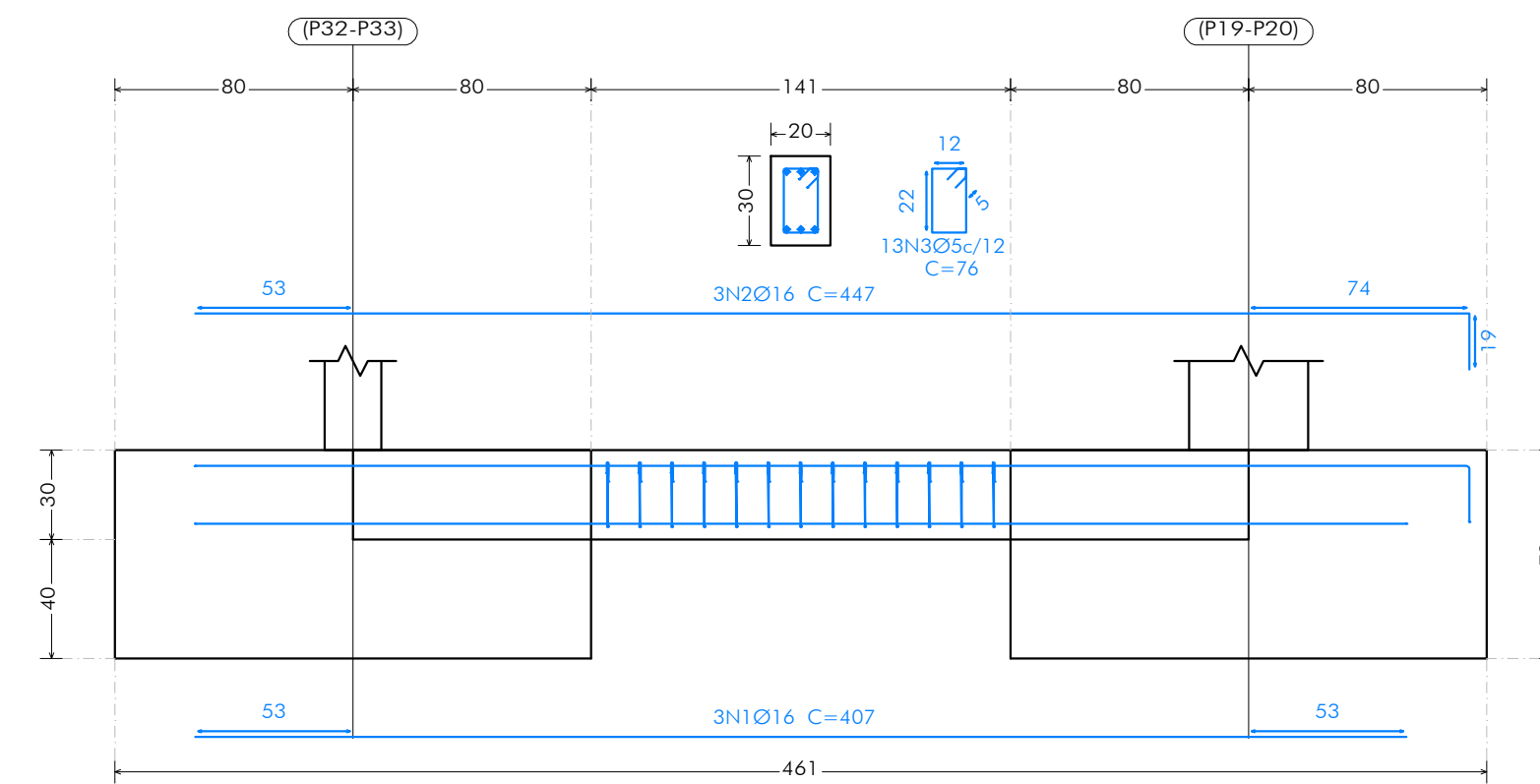
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 (P78 - P79)	1	Ø10	3		386		386	1158	7.1	
	2	Ø10	3		403		403	1209	7.5	
	3	Ø5	14		76		76	1064		1.7
Total+10%:									16.1	1.9

01 VB6 [(P32-P33)-(P19-P20)]  
ESCALA 1:25



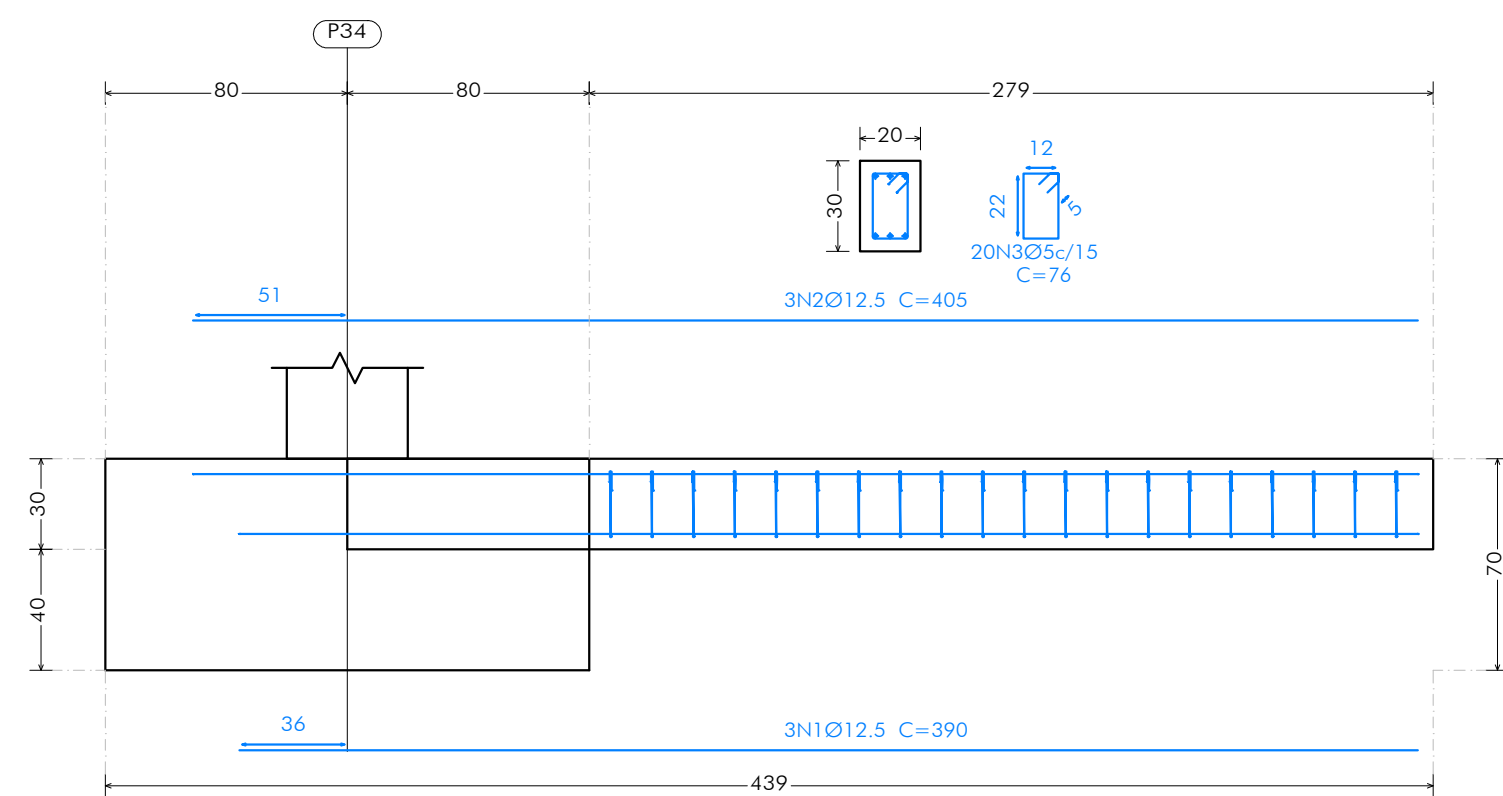
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V6 [(P32-P33) - (P19 - P20)]	4	Ø16	3		407		407	1221	19.3	
	5	Ø16	3		428	19	447	1341	21.2	
	6	Ø5	13		76		76	988		1.6
Total+10%:									44.6	1.8

01 VB6 [(P32-P33)-(P19-P20)]  
ESCALA 1:25



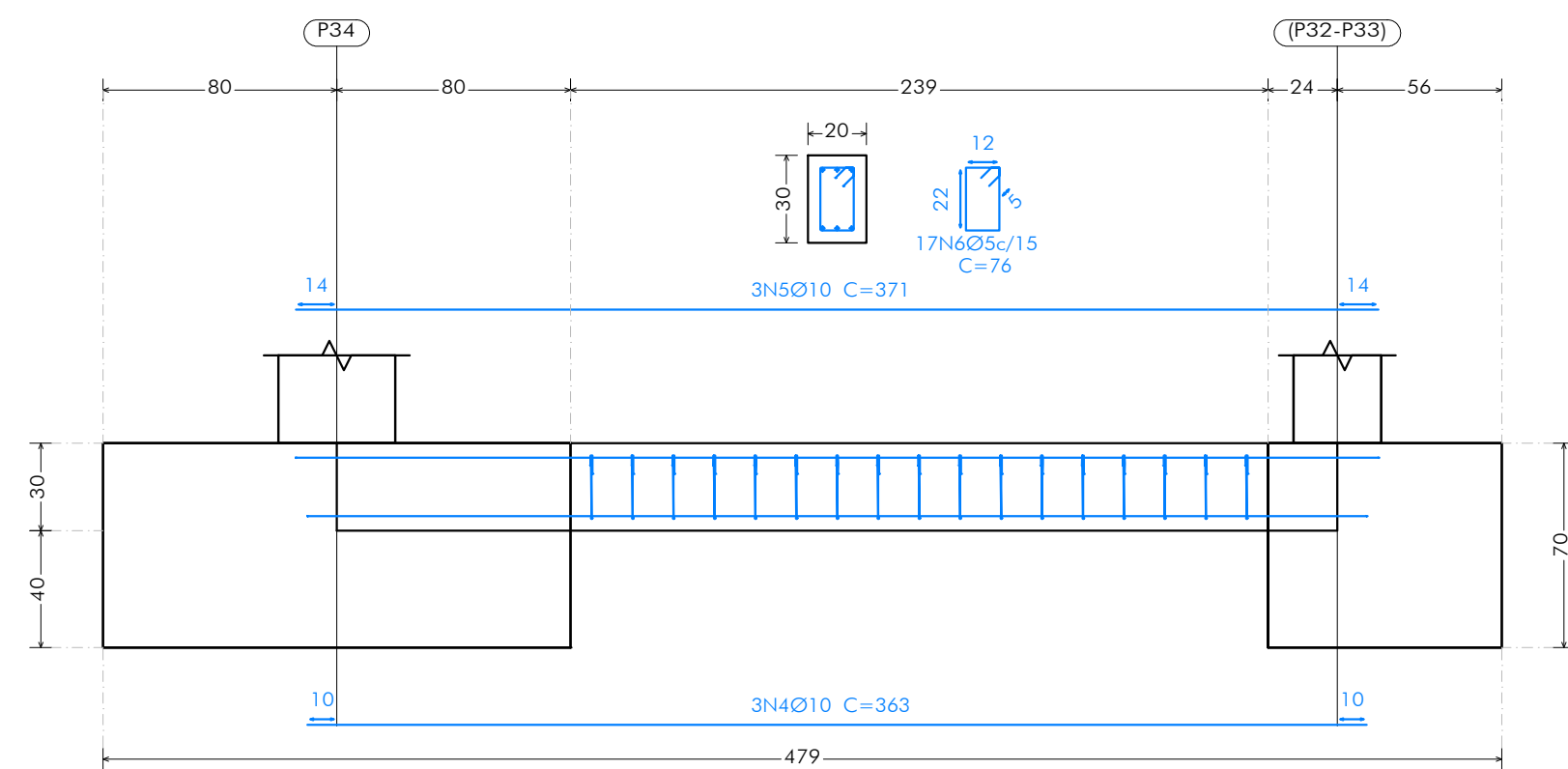
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V6 [(P32-P33) - (P19 - P20)]	1	Ø16	3		407		407	1221	19.3	
	2	Ø16	3		428	19	447	1341	21.2	
	3	Ø5	13		76		76	988		1.6
Total+10%:									44.6	1.8

01 VB2 (P34-P35)  
ESCALA 1:25



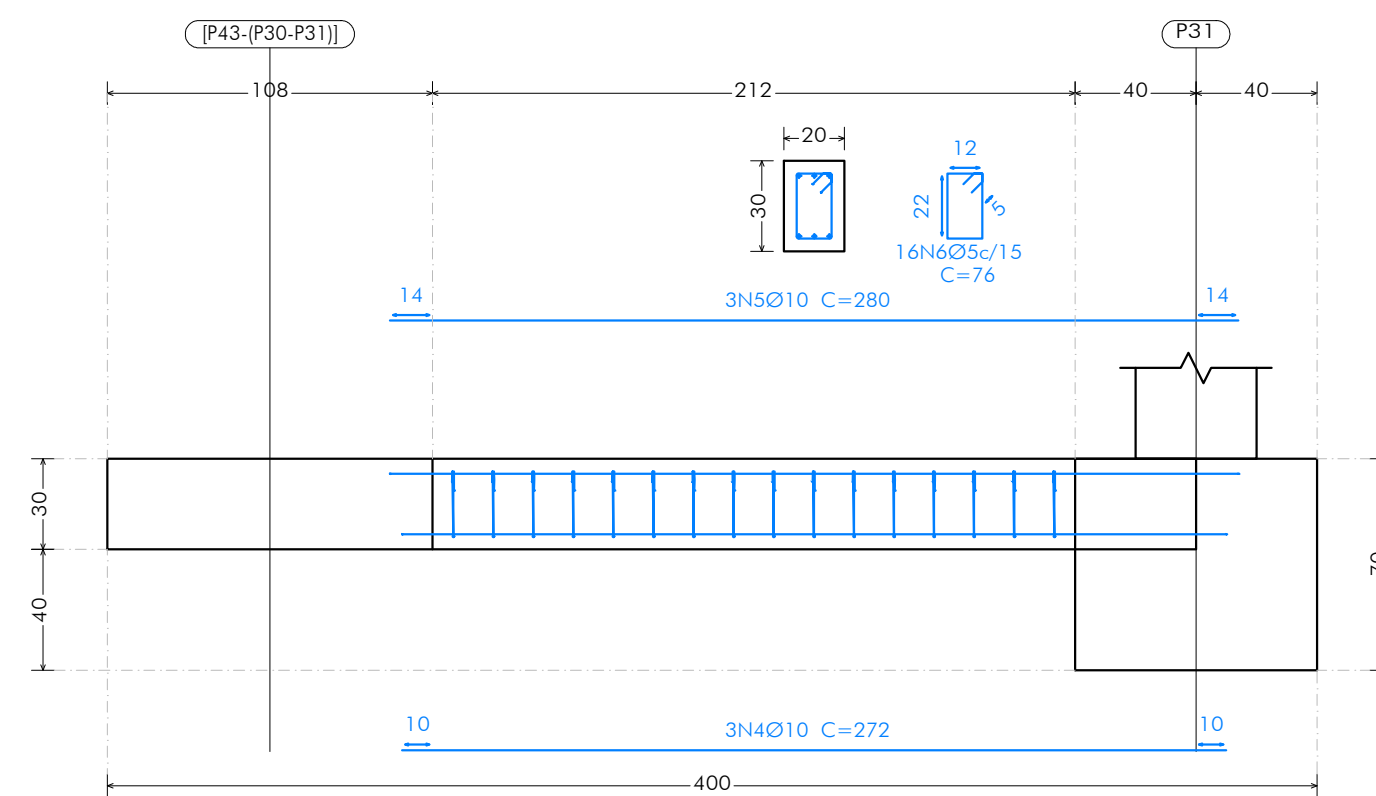
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V2 (P34 - P35)	1	Ø12.5	3		390		390	1170	11.3	
	2	Ø12.5	3		405		405	1215	11.7	
	3	Ø5	20		76		76	1520		2.4
Total+10%:									25.3	2.6

01 VB1 [(P34-(P32-P33))]  
ESCALA 1:25



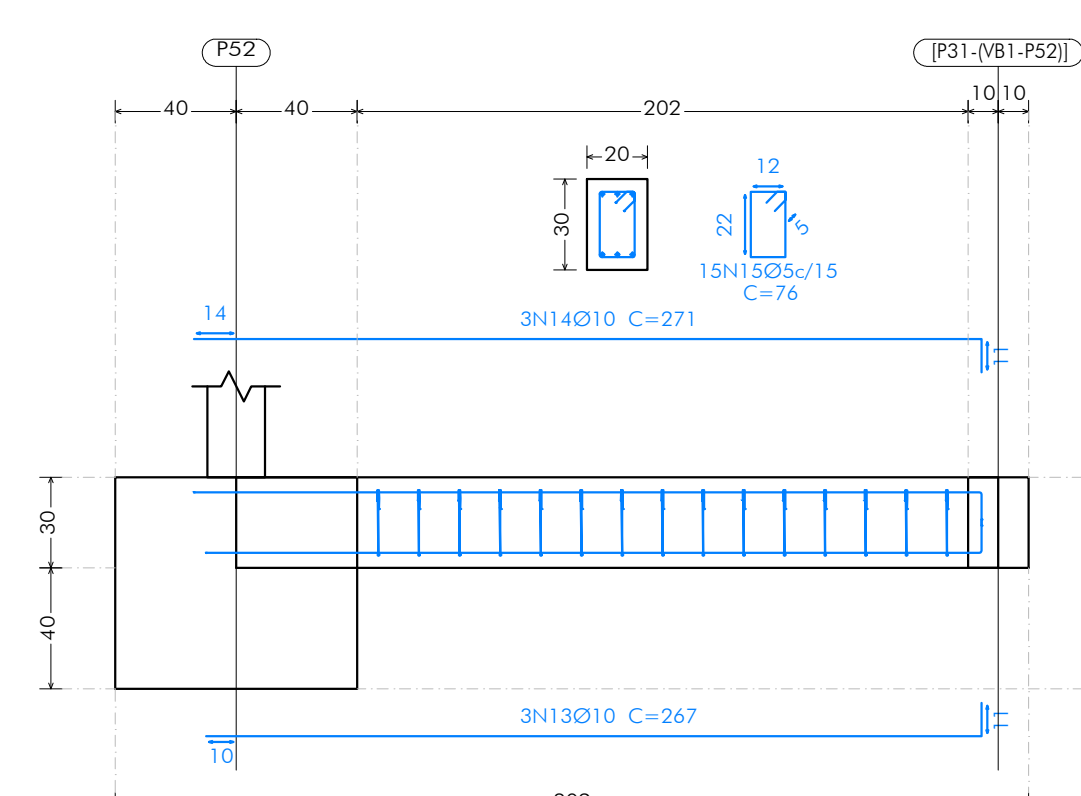
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 (P34 - (P32-P33))	4	Ø10	3		363		363	1089	6.7	
	5	Ø10	3		371		371	1113	6.9	
	6	Ø5	17		76		76	1292		2.0
Total+10%:									15.0	2.2

01 VB1 {(P43-(P30-P31))-P31}  
ESCALA 1:25



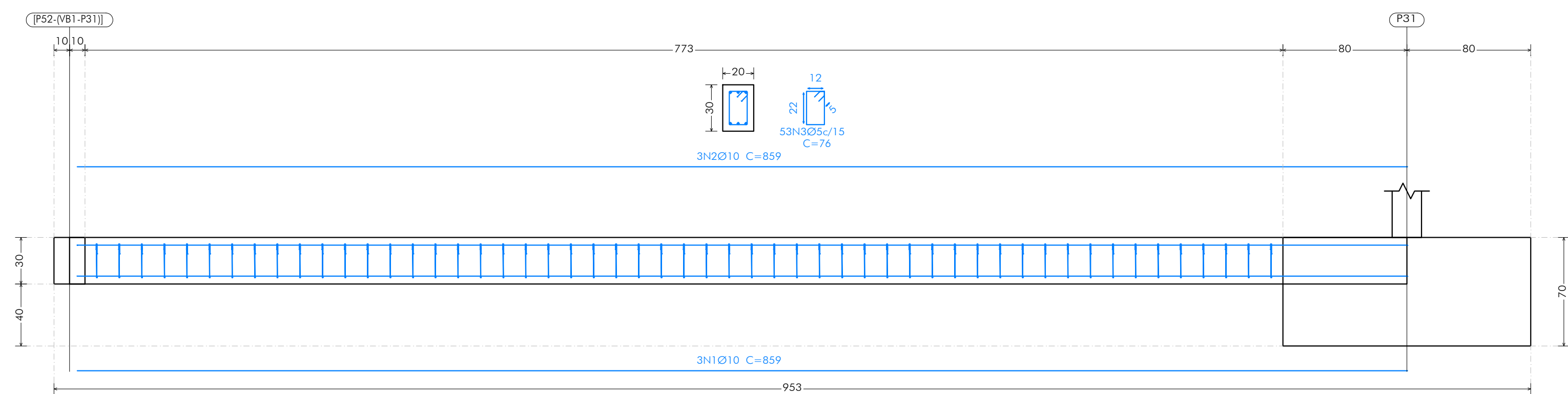
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [(P30, 35, 90) - P31]	4	Ø10	3		272		272	816	5.0	
	5	Ø10	3		280		280	840	5.2	
	6	Ø5	16		76		76	1216		1.9
Total+10%:									11.2	2.1

01 VB1 {P52-[P31-(VB1-P52)]}  
ESCALA 1:25



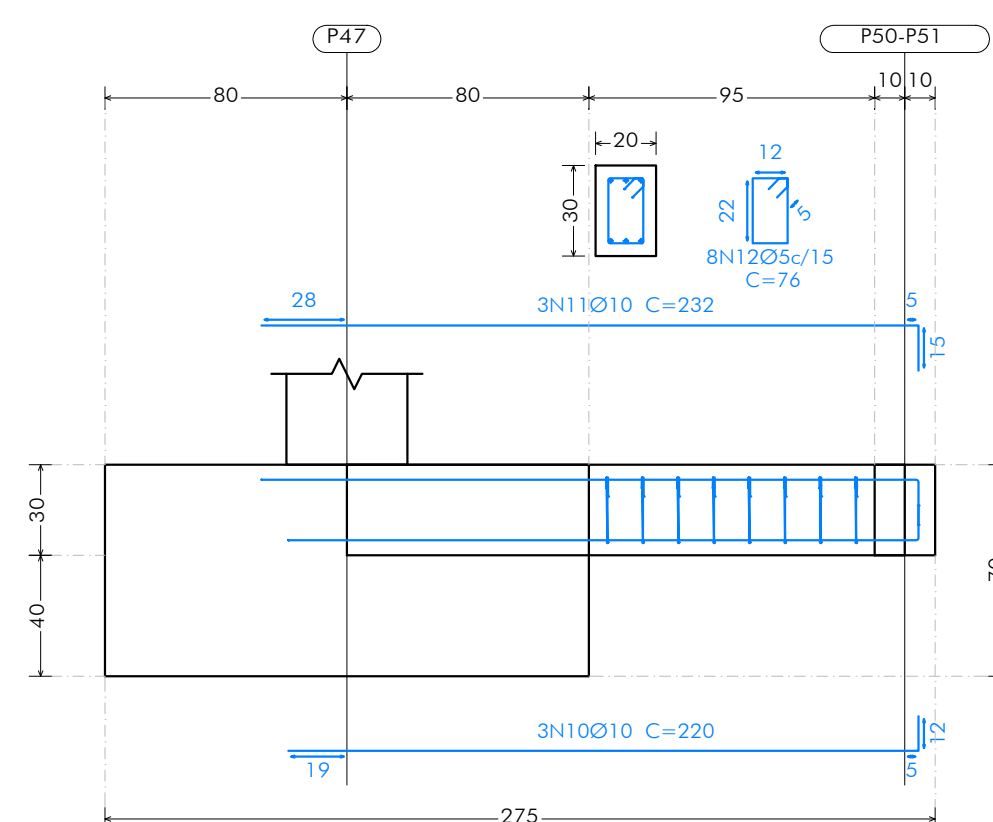
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 (P52 - [P31-(VB1-P52)])	13	Ø10	3		256	11	267	801	4.9	
	14	Ø10	3		260	11	271	813	5.0	
	15	Ø5	15		76		76	1140		1.8
Total+10%:									10.9	2.0

01 VB1 {P52-(VB1-P31))-P31}  
ESCALA 1:25



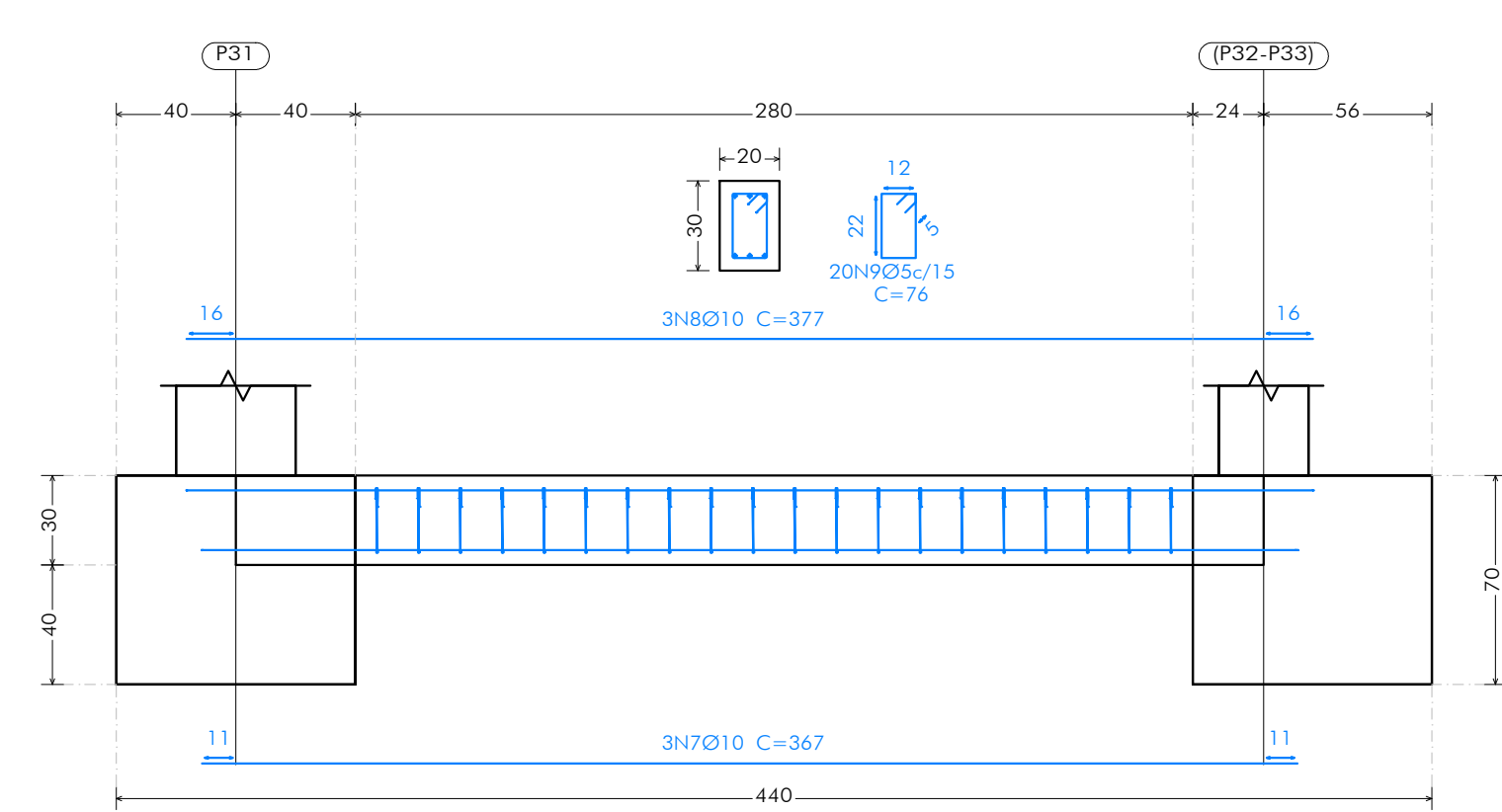
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 [(26.03, 27.27) - P31]	1	Ø10	3		859		859	2577	15.9	
	2	Ø10	3		859		859	2577	15.9	
	3	Ø5	53		76		76	4028		6.3
Total+10%:									35.0	6.9

01 VB1 (P47-(P40-P51))  
ESCALA 1:25



Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 (P47 - (P40-P51))	10	Ø10	3		208	12	220	660	4.1	
	11	Ø10	3		217	15	232	696	4.3	
	12	Ø5	8		76		76	608		1.0
Total+10%:									9.2	1.1

01 VB1 (P31-(P32-P33))  
ESCALA 1:25

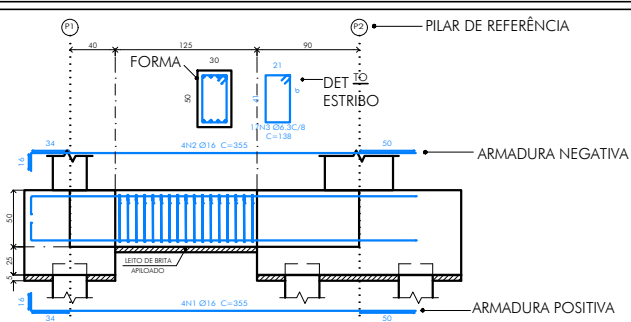


Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V1 (P31 - (P32-P33))	7	Ø10	3		367		367	1101	6.8	
	8	Ø10	3		377		377	1131	7.0	
	9	Ø5	20		76		76	1520		2.4
Total+10%:									15.2	2.6

QUADRO REVISÕES:

REVISÃO	REFERÊNCIA	DESCRIÇÃO	DATA	APROVAÇÃO
1				
2				
3				
4				
5				
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9				
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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.

<b>ICHTHUS</b> ENGENHARIA		ESCOLA MUNICIPAL CANARINHO Prefeitura Municipal de Congonhal		13/52
CEL: +55 31 98766.8483 FONE: +55 35 3025.6092 A.R.T. N: MG20221428328		AUTOR DO PROJETO: CARLOS H. A. ROSSI		ESCALA: 1:25
TÍTULO: PROJETO ESTRUTURAL INFRAESTRUTURA DETALHAMENTO VIGAS BALDRAMES NÍVEL -0,50M		REVISÃO Nº: set.2022		UNIDADE: centímetro
DESENHO Nº: CGH-F/PCE-00-13		REVISOR: C.Rossi		DATA: set.2022