

FORMATO A3	DEMAN PENAS COR AUTOMÁTICA ESPRESSO B&B
	MODIO PAPER SPACE
	CON = COLOR QUALITY

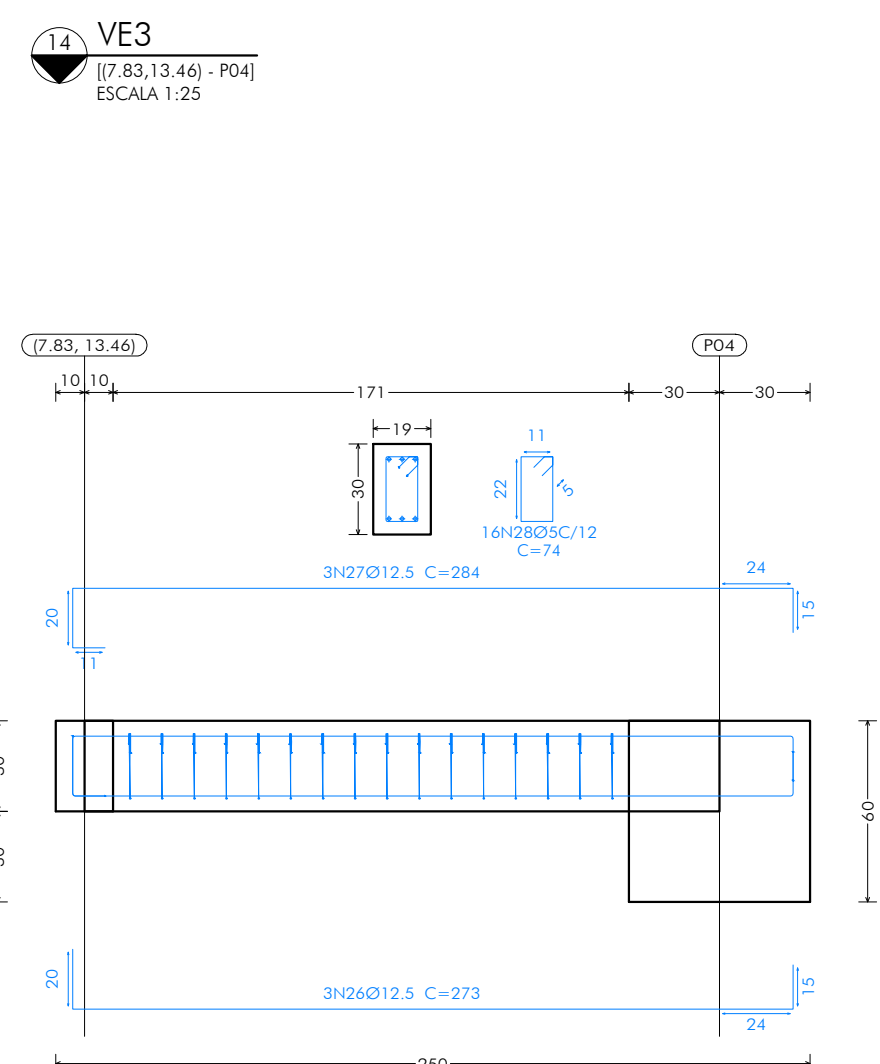
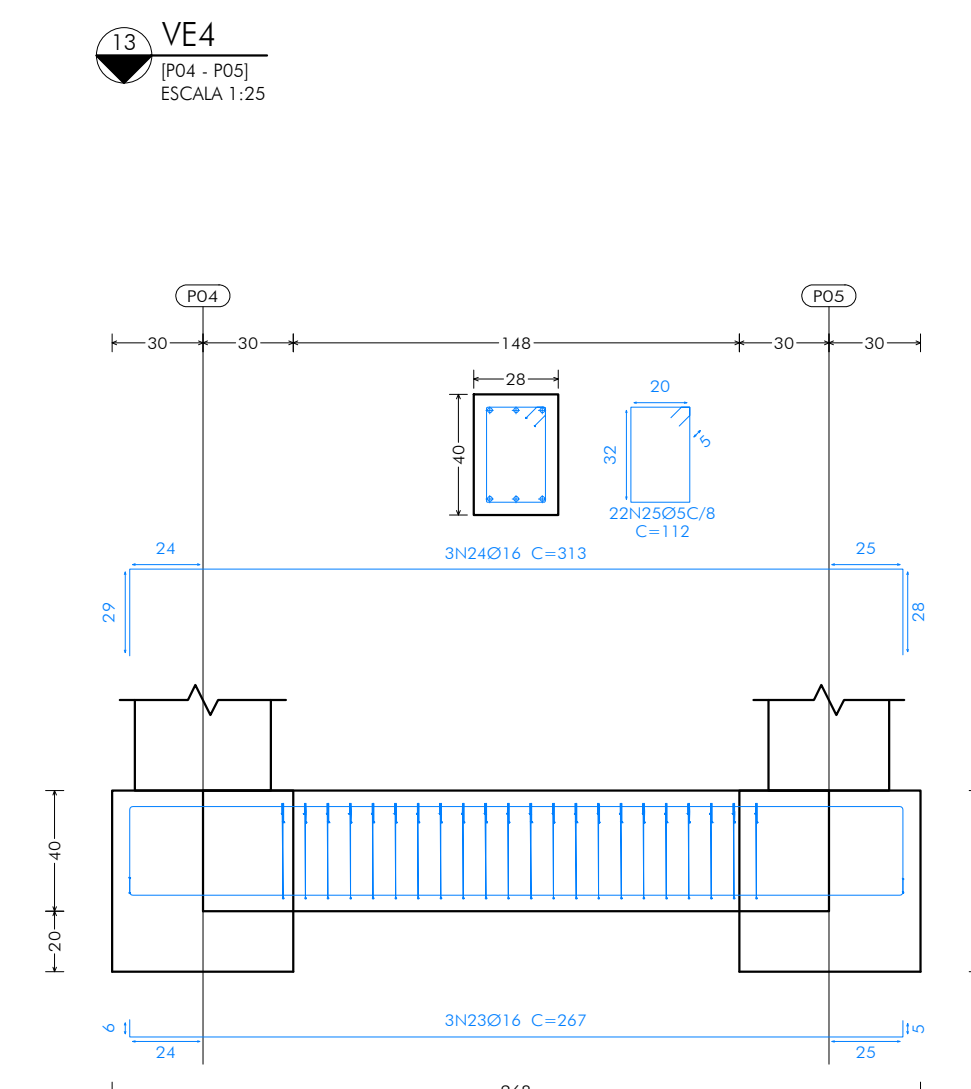
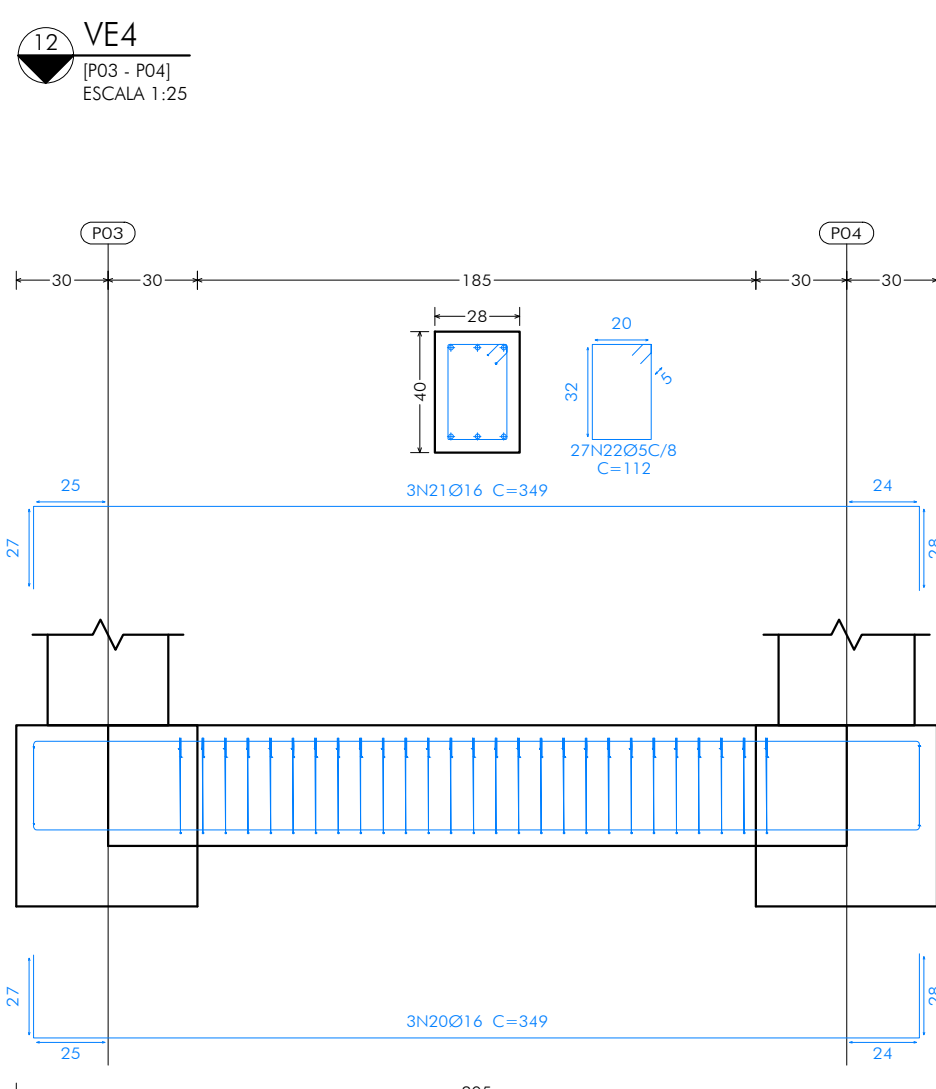
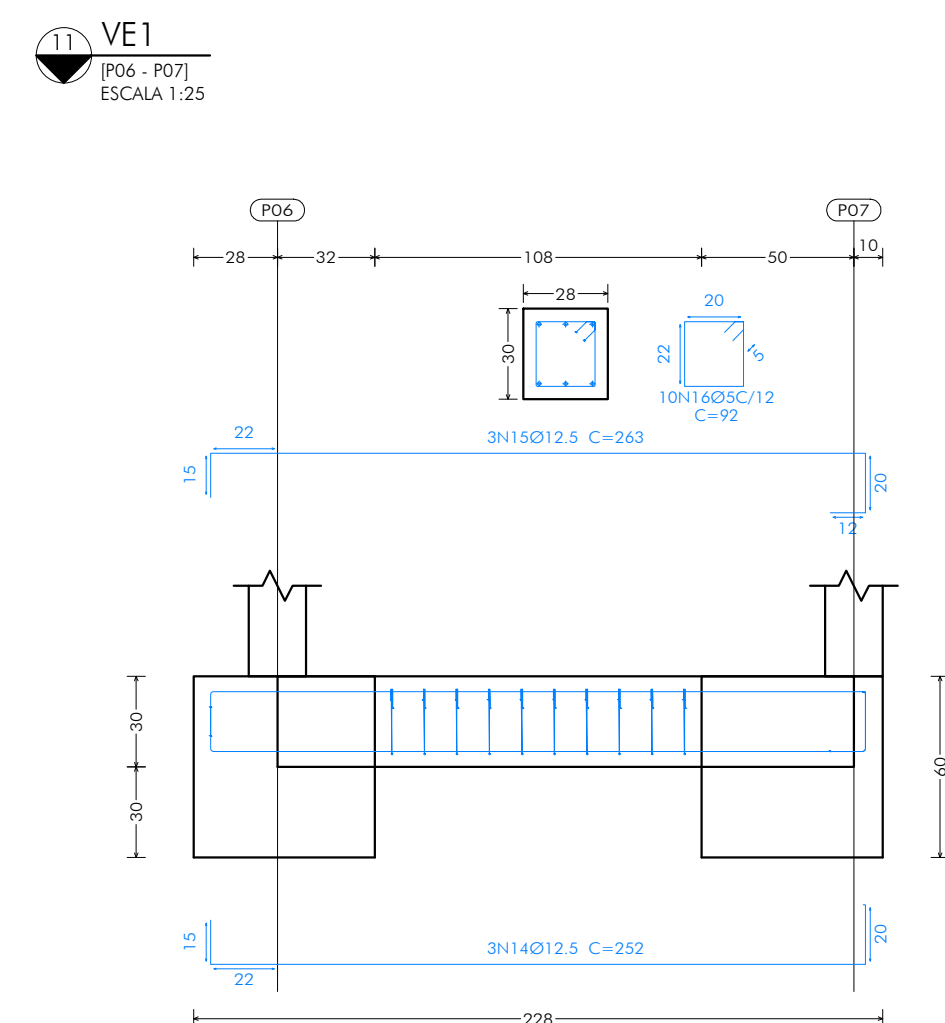
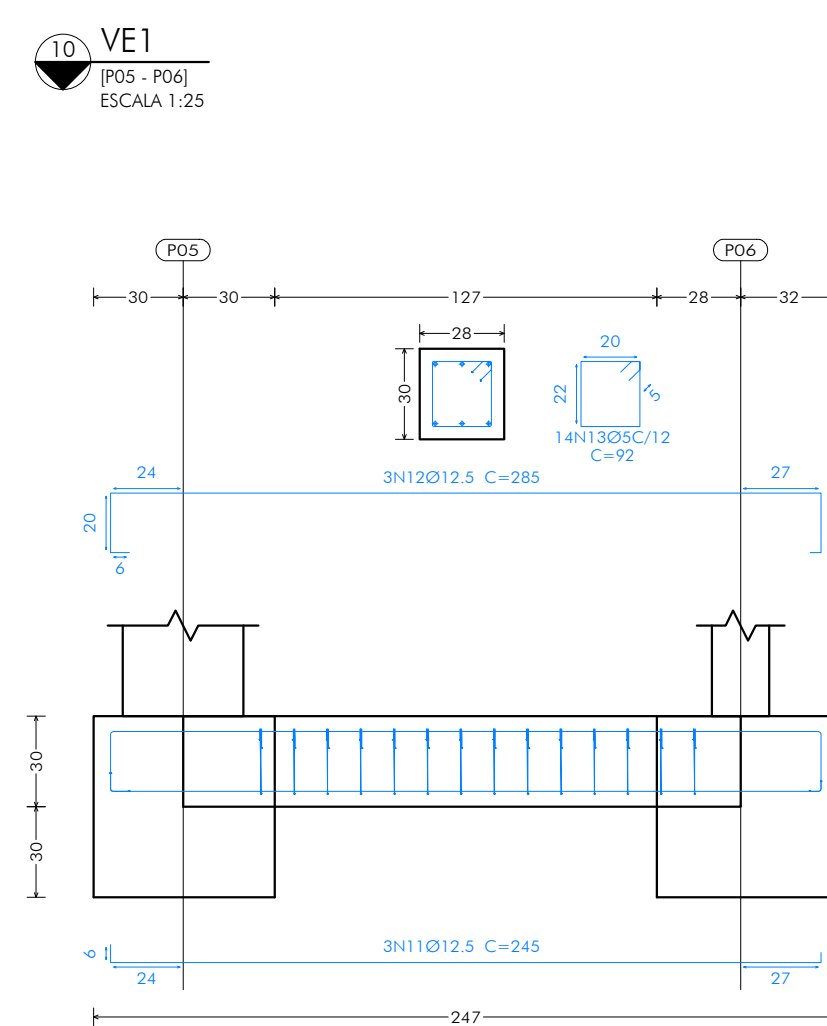
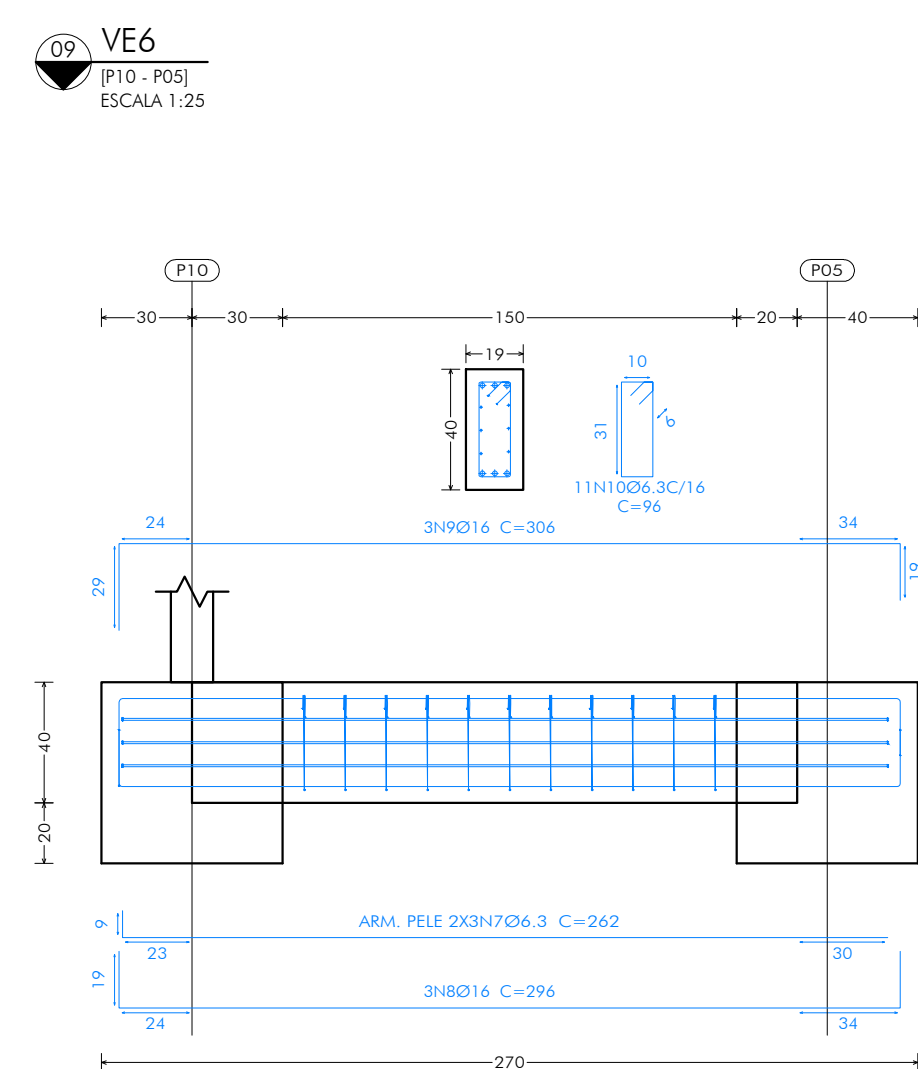
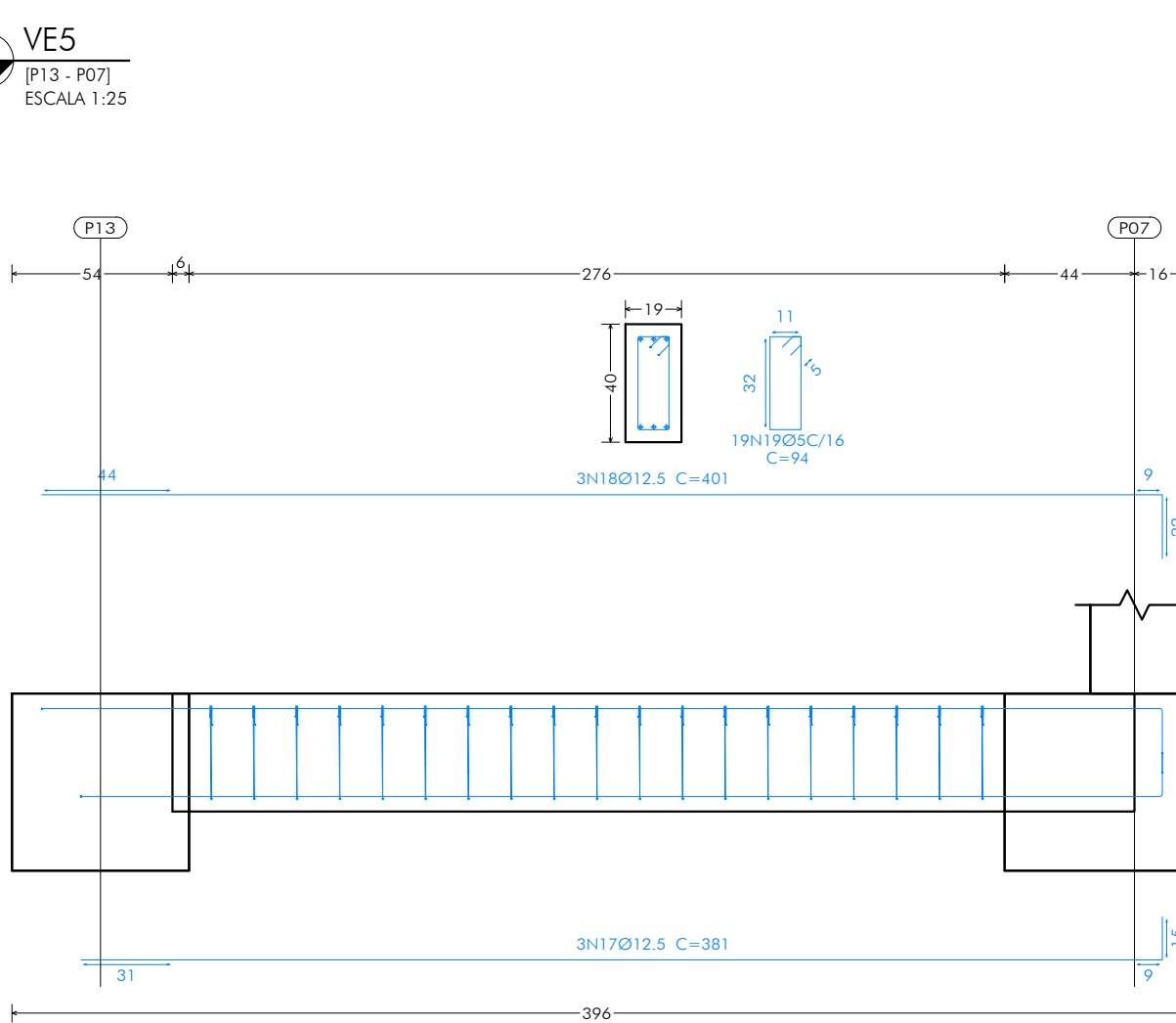
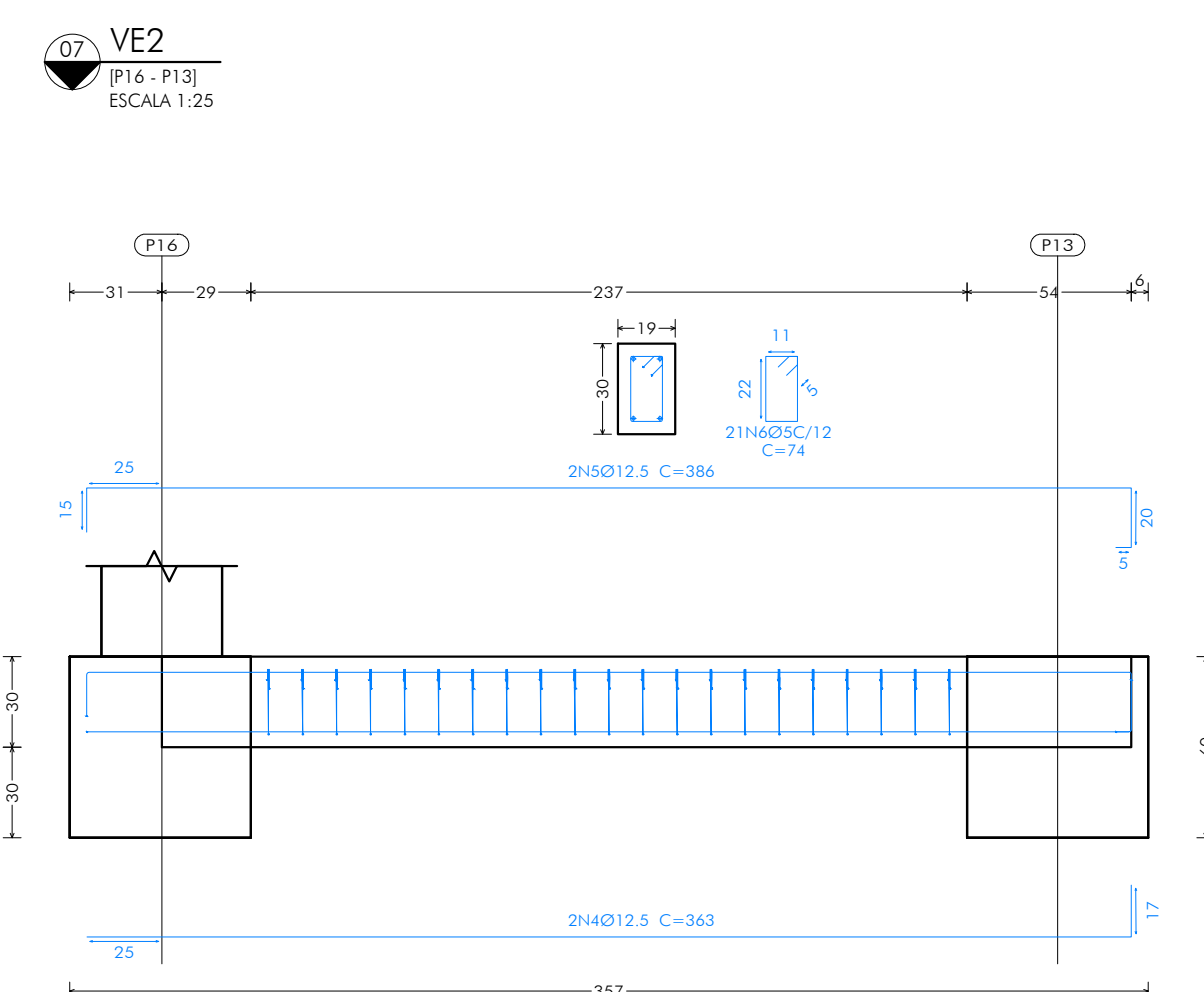
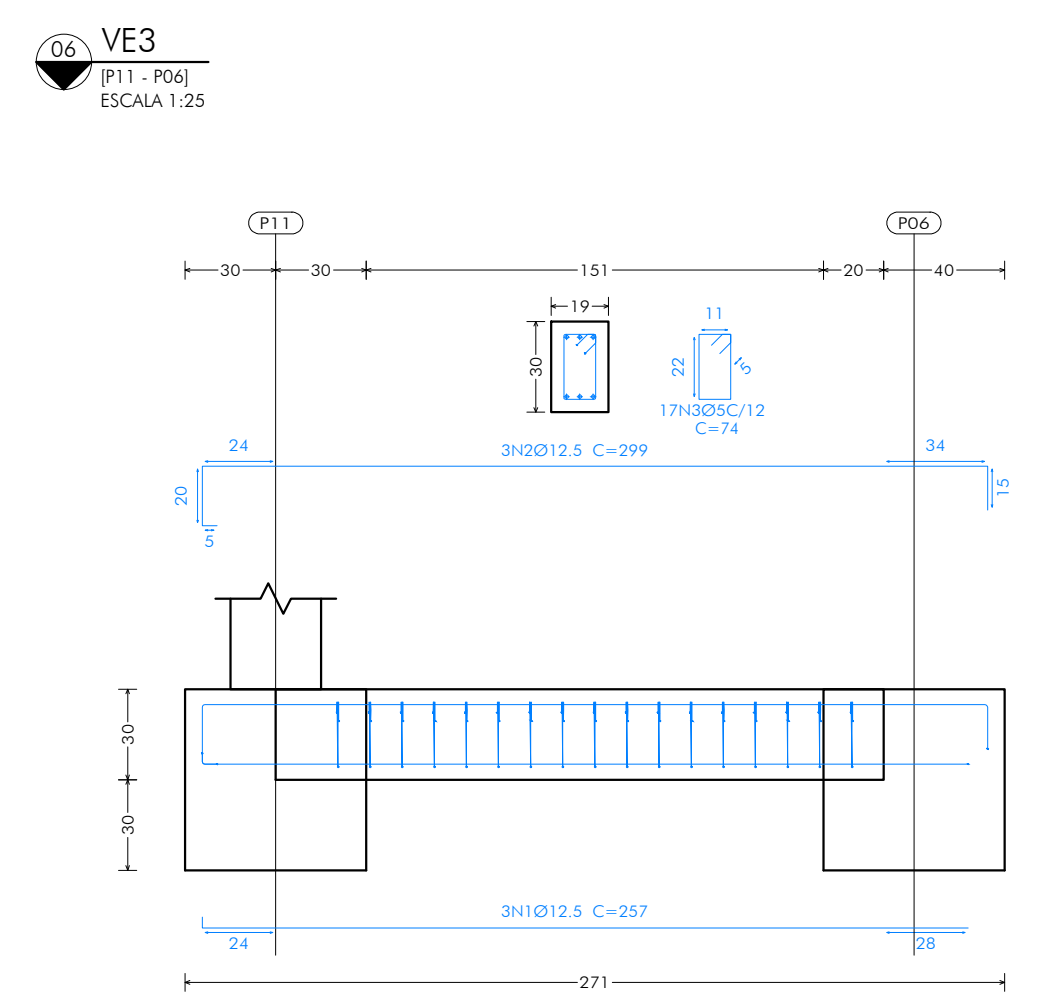
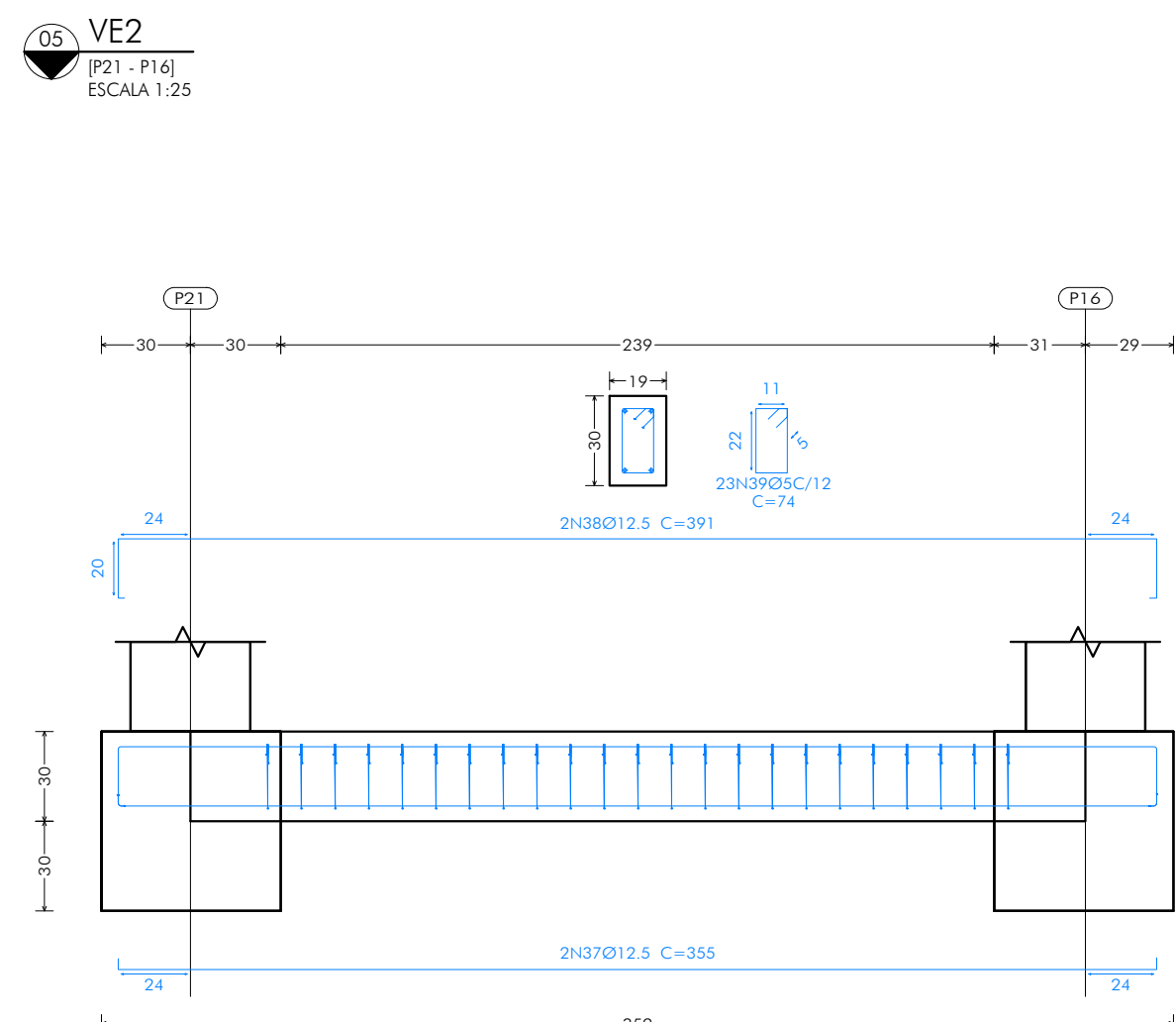
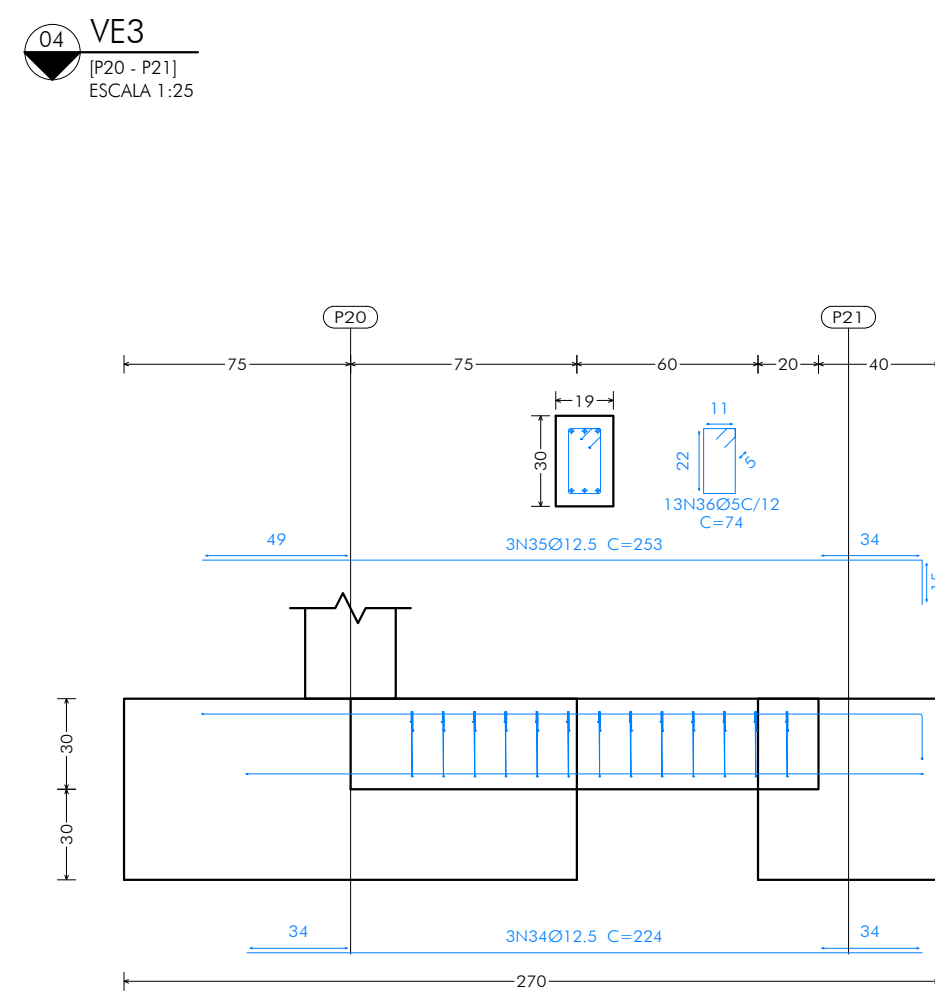
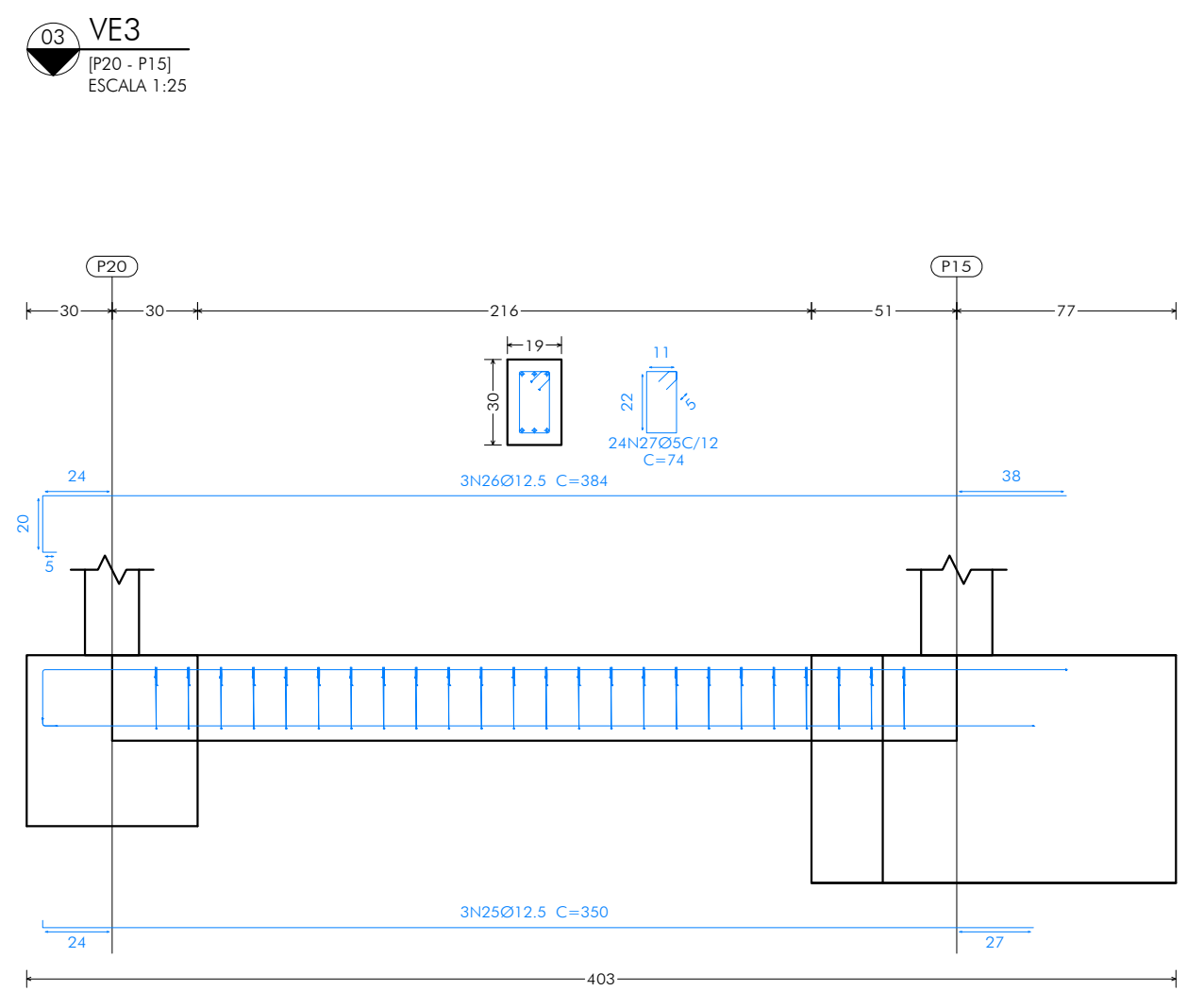
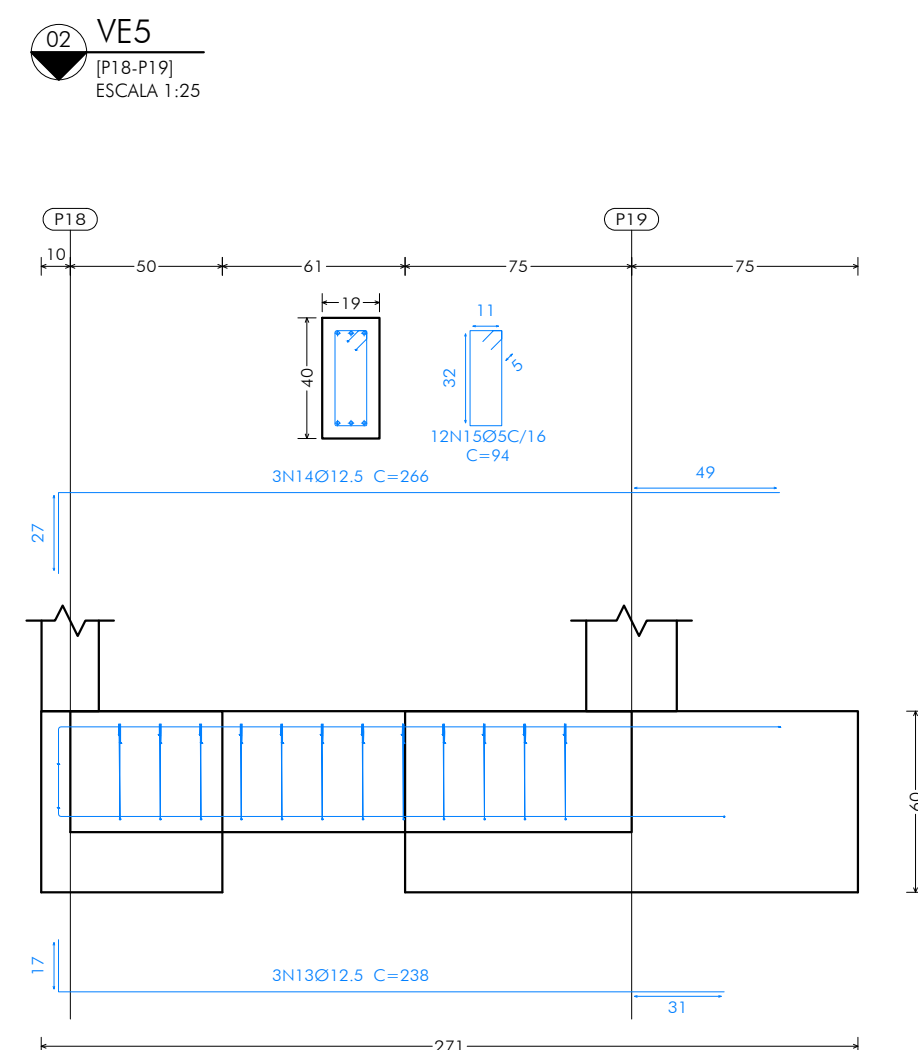
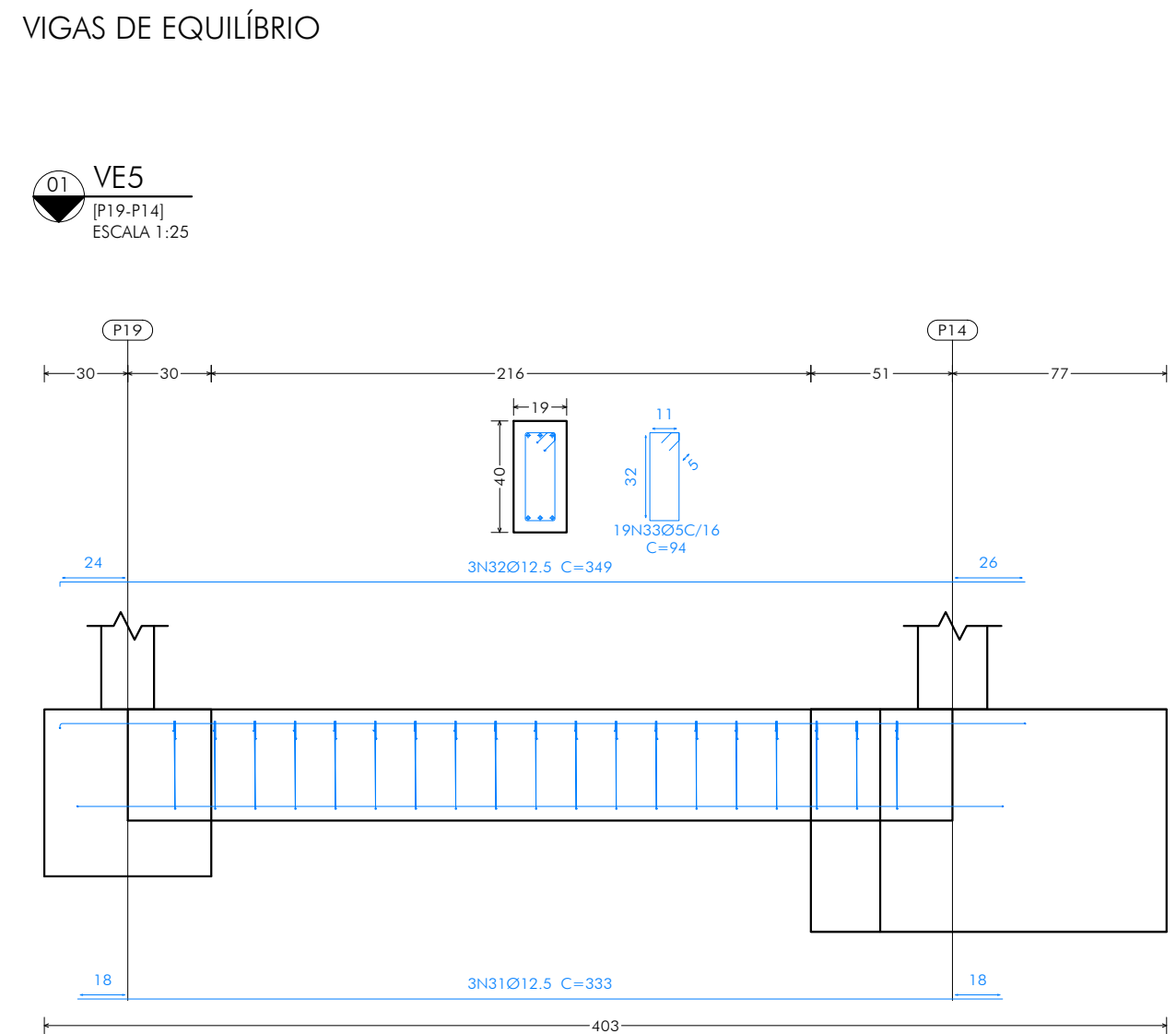


TABELA DE VIGAS DE EQUILÍBRIO					
28 30 		19 20 		19 20 	
VE1 ARM. SUP.: 3Ø12.5 CA-50 ARM. INF.: 3Ø12.5 CA-50 ESTRIBOS: 1XØ5 CA-60C/12		VE2 ARM. SUP.: 2Ø12.5 CA-50 ARM. INF.: 2Ø12.5 CA-50 ESTRIBOS: 1XØ5 CA-60C/12		VE3 ARM. SUP.: 3Ø12.5 CA-50 ARM. INF.: 3Ø12.5 CA-50 ESTRIBOS: 1XØ5 CA-60C/12	
28 40 		19 40 		19 40 	
VE4 ARM. SUP.: 3Ø16 CA-50 ARM. INF.: 3Ø16 CA-50 ESTRIBOS: 1XØ5 CA-60C/8		VE5 ARM. SUP.: 3Ø12.5 CA-50 ARM. INF.: 3Ø12.5 CA-50 ESTRIBOS: 1XØ5 CA-60C/16		VE6 ARM. SUP.: 3Ø16 CA-50 ARM. INF.: 3Ø16 CA-50 ARM. PELE: 3X2Ø6.3 CA-50 ESTRIBOS: 1XØ6.3 CA-50C/16	

[illegible]

QUADRO REVISÕES

ANCORAGEM:

CONSUMOS:

LEGENDA:

REVISÃO	REFERÊNCIA	DESCRIÇÃO	DATA	APROVAÇÃO

COMP. ANCORAGEM RETA E COM G		
f _{ck} =30,0MPa		ACO CA-50
Ø(mm)	l _{br} (cm)	l _{bg} (cm)
5.0	21.0	9÷(5)
6.3	28.1	11.5÷
8.0	35.1	14.5÷
10.0	42.1	18÷(5)
12.5	56.1	22.5÷
16.0	70.1	29÷(5)
20.0	84.2	49÷(5)

CONCRETO U	
VIGAS DE EQUILIB	
RESISTÊNCIA	C30
VOLUME DE CONCRETO	
CONSUMO MÍNIMO CIMENTO	
FATOR ÁGUA/CIMENTO	
SLUMP	

ADO	AÇO (AÇO CA-50/CA-60)			
8]	VIGAS DE EQUILÍBRIO (148)			
30	Ø(mm)	L(m)	Barra(2m)	Pq(kg)
Fck (MPa)	5,0	415	35	63,9
3,33M³	6,3	29	2	7,2
300KG/M3	8,0	-	-	-
0,60	10,0	-	-	-
10+/2	12,5	433	36	417,4
	16,0	62	5	97,8
	CONCRETO, 3,33M³		FORMAS, 92,5M²	

OBSERVAÇÕES:

1- ABAIXO DE TODAS AS VIGAS DE EQUILÍBRIO, VIGAS BALDRAME E BLOCOS DE CONCRETO ARMADO DEVE-SE COLOCAR LASTRO DE BRITA COM ESPESURA DE 5cm.

2- O QUANTITATIVO APRESENTADO NO QUADRO "CONSUMOS", NA FOLHA 07/36, SE REFERE A TODAS AS VIGAS DE EQUILÍBRIO (-1.48) DA ESTRUTURA.

[illegible]