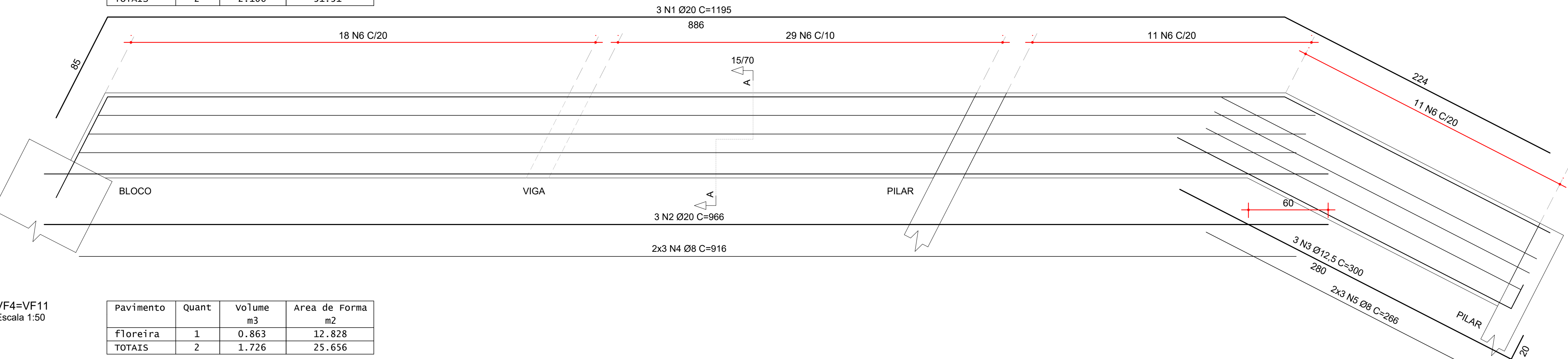


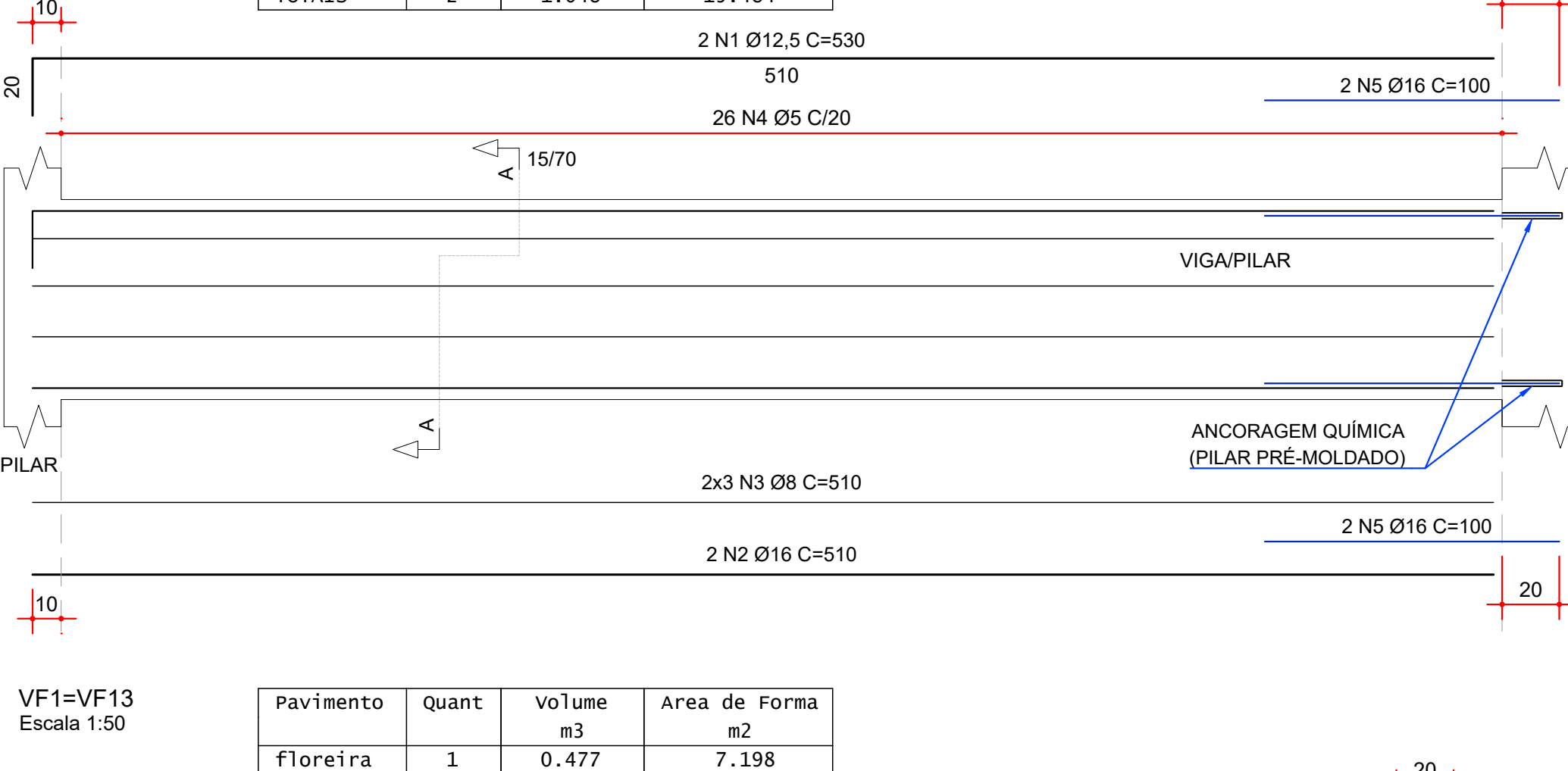
VF7=VF9
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	1,053	15,655
TOTAIS	2	2,106	31,31

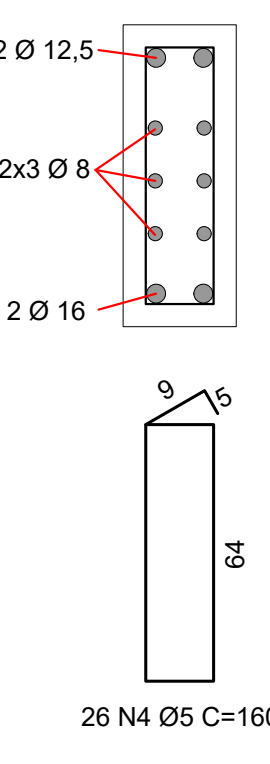


VF6=VF8
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,524	7,742
TOTAIS	2	1,048	15,484



CORTE A
Escala 1:25



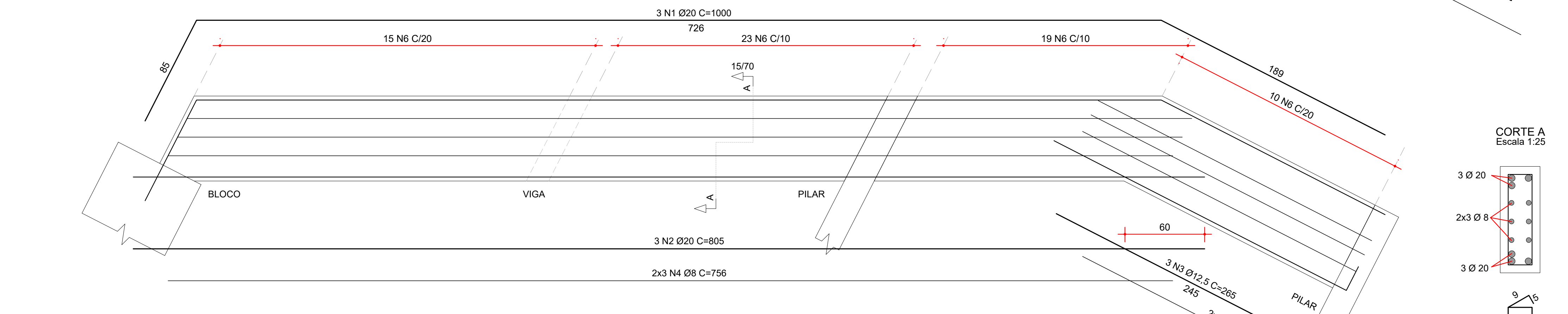
ACO	POS	BIT (mm)	QUANT	COMPRIMENTO (cm)	UNIT	TOTAL
VF7=VF9 (X2)						
50A	1	20	6	1195	2170	5796
50A	2	12,5	4	100	6	300
50A	4	8	12	936	10992	3192
50A	5	8	12	160	160	22080
VF6=VF8 (X2)						
50A	1	12,5	4	530	2120	2040
50A	2	16	8	510	6120	1110
50A	3	8	52	160	8320	800
50A	4	16	8	100	1000	800
VF4=VF11 (X2)						
50A	1	20	6	1000	6000	1380
50A	2	20	6	805	4830	3600
50A	3	12,5	4	265	1590	9072
50A	4	8	12	756	9072	2760
50A	5	8	12	230	2760	21440
50A	6	6,3	134	160	160	800
VF1=VF13 (X2)						
50A	1	12,5	4	494	1976	14340
50A	2	16	4	474	1869	11920
50A	3	8	12	474	5668	3600
50A	4	5	48	160	7680	684
50A	5	6,3	134	160	160	44160
VF2=VF3=VF12=VF14 (X4)						
50A	1	20	12	1195	1840	11920
50A	2	12,5	4	460	1840	15040
50A	3	8	12	420	5040	6080
50A	4	5	40	152	6080	1628
50A	1	8	4	407	1628	1468
50A	2	16	4	367	1468	4404
50A	3	8	12	367	4404	6156
50A	4	5	38	162	1628	1748
50A	1	10	4	437	1748	2382
50A	2	16	6	397	4764	4764
50A	3	8	12	397	4764	6156
50A	4	6,3	38	162	1628	4848
50A	1	12,5	4	808	3072	840
50A	2	12,5	4	768	3072	9216
50A	3	8	12	768	9216	10944
50A	4	5	72	152	152	2500
50A	1	16	4	675	2500	3310
50A	2	16	6	585	3310	7020
50A	3	8	12	585	7020	9720
50A	4	5	60	162	1628	1976
50A	1	10	4	454	1774	2724
50A	2	16	6	454	2724	3448
50A	3	8	12	454	5448	6080
50A	4	6,3	60	162	1628	1976
50A	1	10	4	437	1748	1800
50A	2	12,5	4	210	840	2520
50A	3	8	12	210	2520	3200
50A	4	5	20	160	3200	1644
50A	1	8	4	411	1644	1484
50A	2	16	4	372	1484	2060
50A	3	8	12	372	4464	7680
50A	4	5	46	120	5520	110
50A	1	10	4	515	2060	1900
50A	2	12,5	4	475	1900	2880
50A	3	8	12	475	5700	7680

RESUMO DE AÇO

ACO	RESUMO DE AÇO	RESUMO DE AÇO
60A	BIT	COMPR
60A	3	714
50A	6,3	1036
50A	8	1152
50A	10	58
50A	12,5	1173
50A	16	498
50A	20	498
Peso Total	60A =	110 kg
Peso Total	50A =	2529 kg

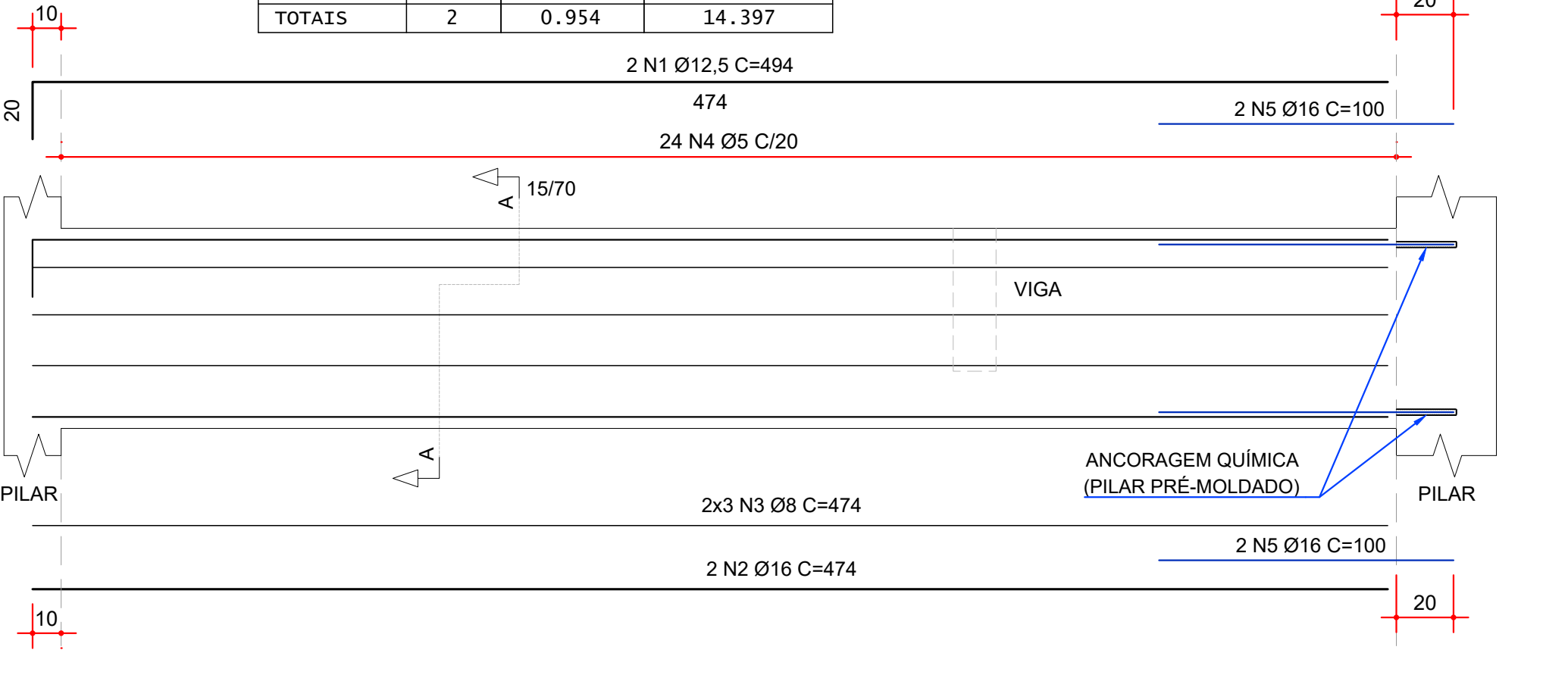
VF4=VF11
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,863	12,828
TOTAIS	2	1,726	25,656

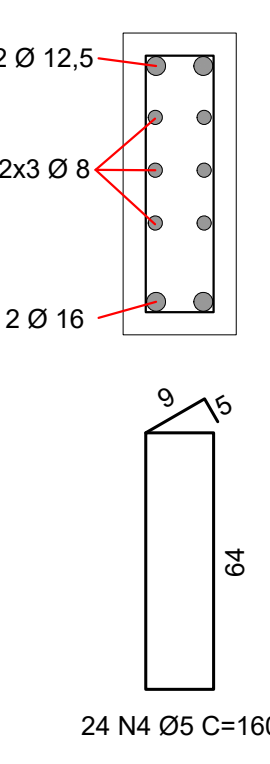


VF1=VF13
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,477	7,198
TOTAIS	2	0,954	14,397

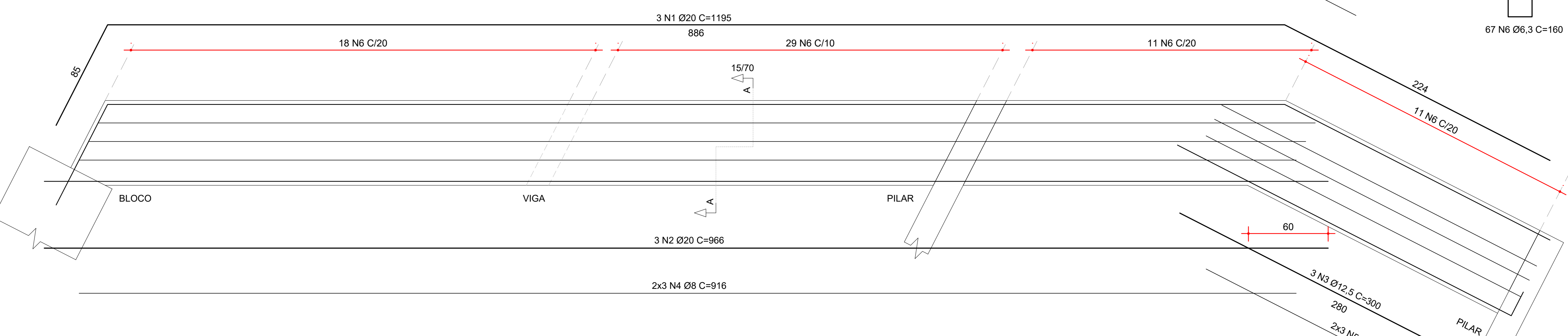


CORTE A
Escala 1:25



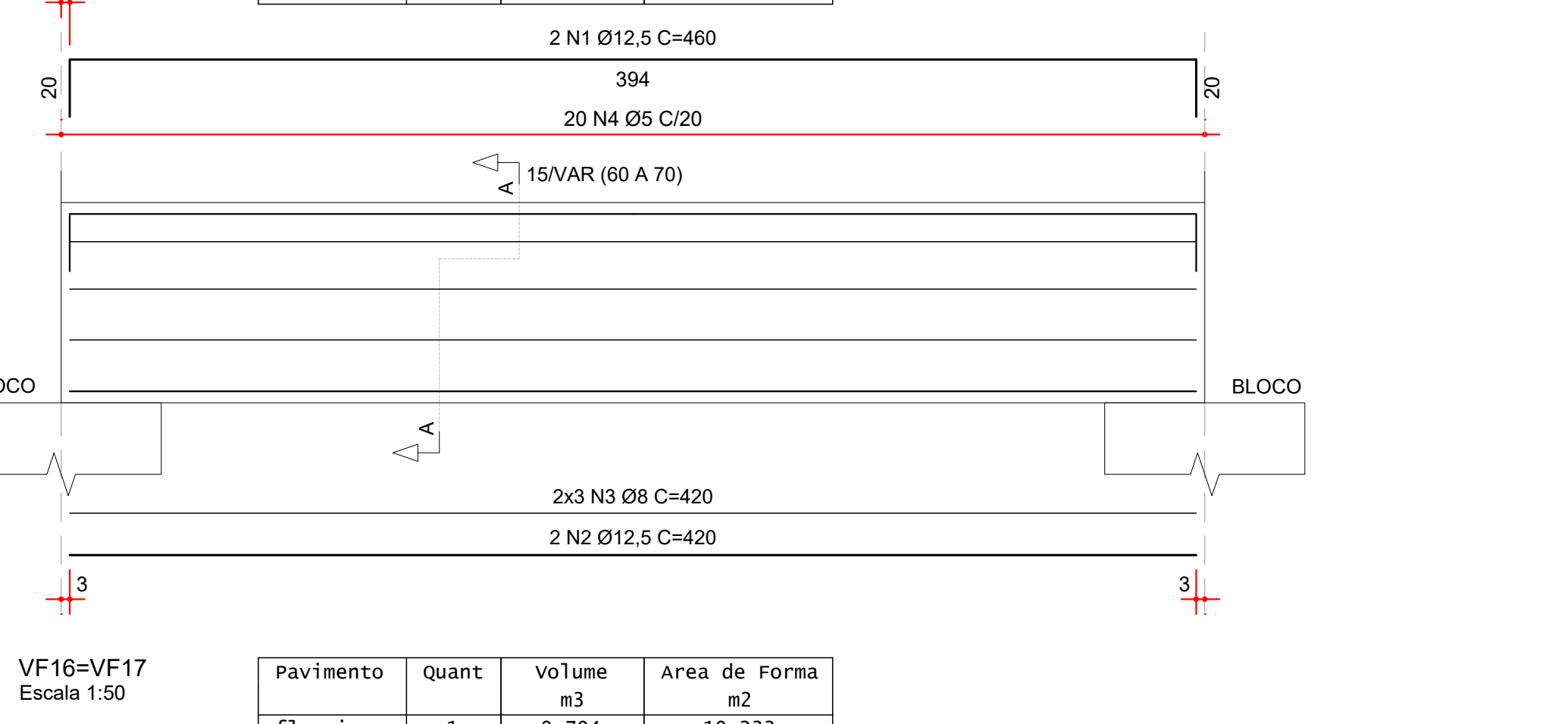
VF2=VF3=VF12=VF14
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	1,053	15,655
TOTAIS	2	2,106	31,31

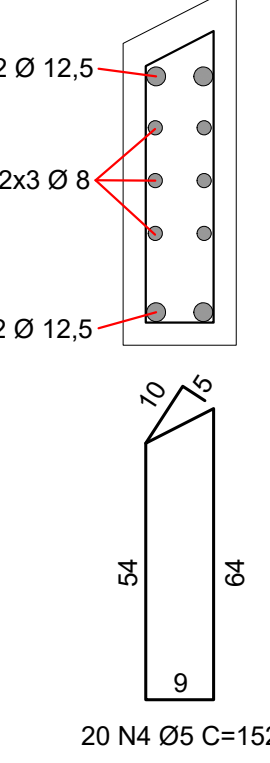


VF15=VF18
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,346	5,045
TOTAIS	2	0,693	10,090

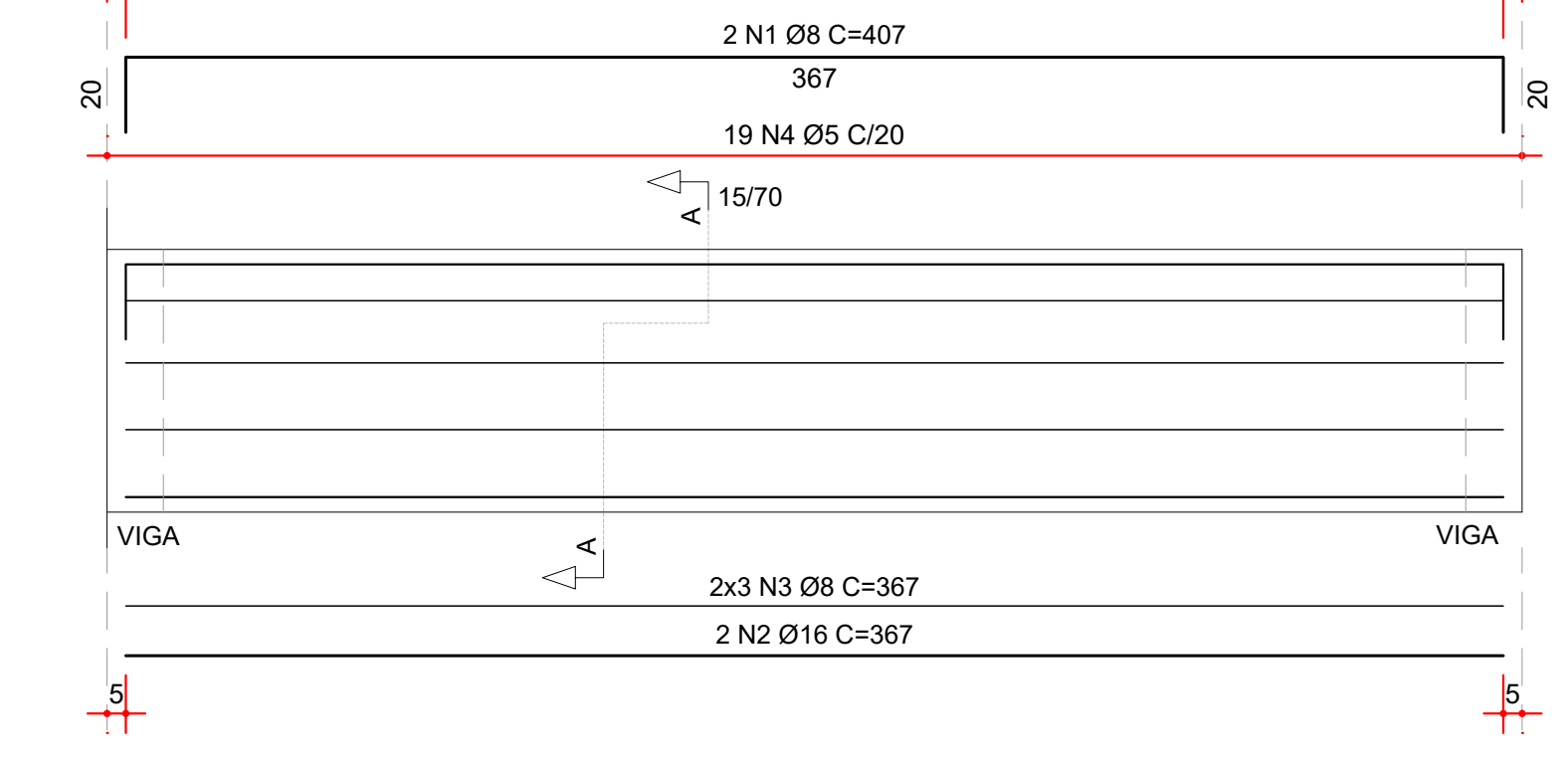


CORTE A
Escala 1:25



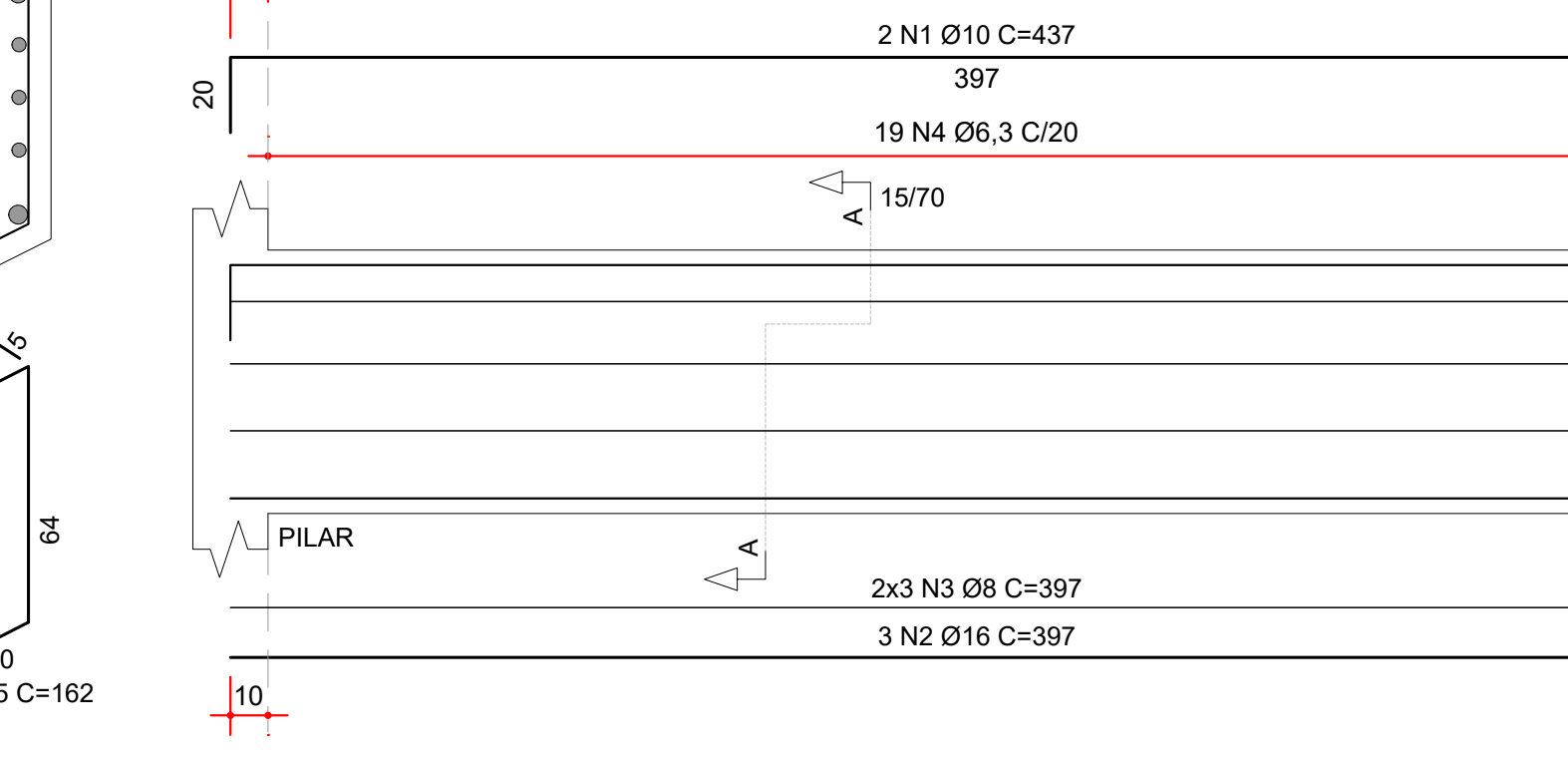
VF19=VF22
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,386	5,704
TOTAIS	2	0,773	11,408



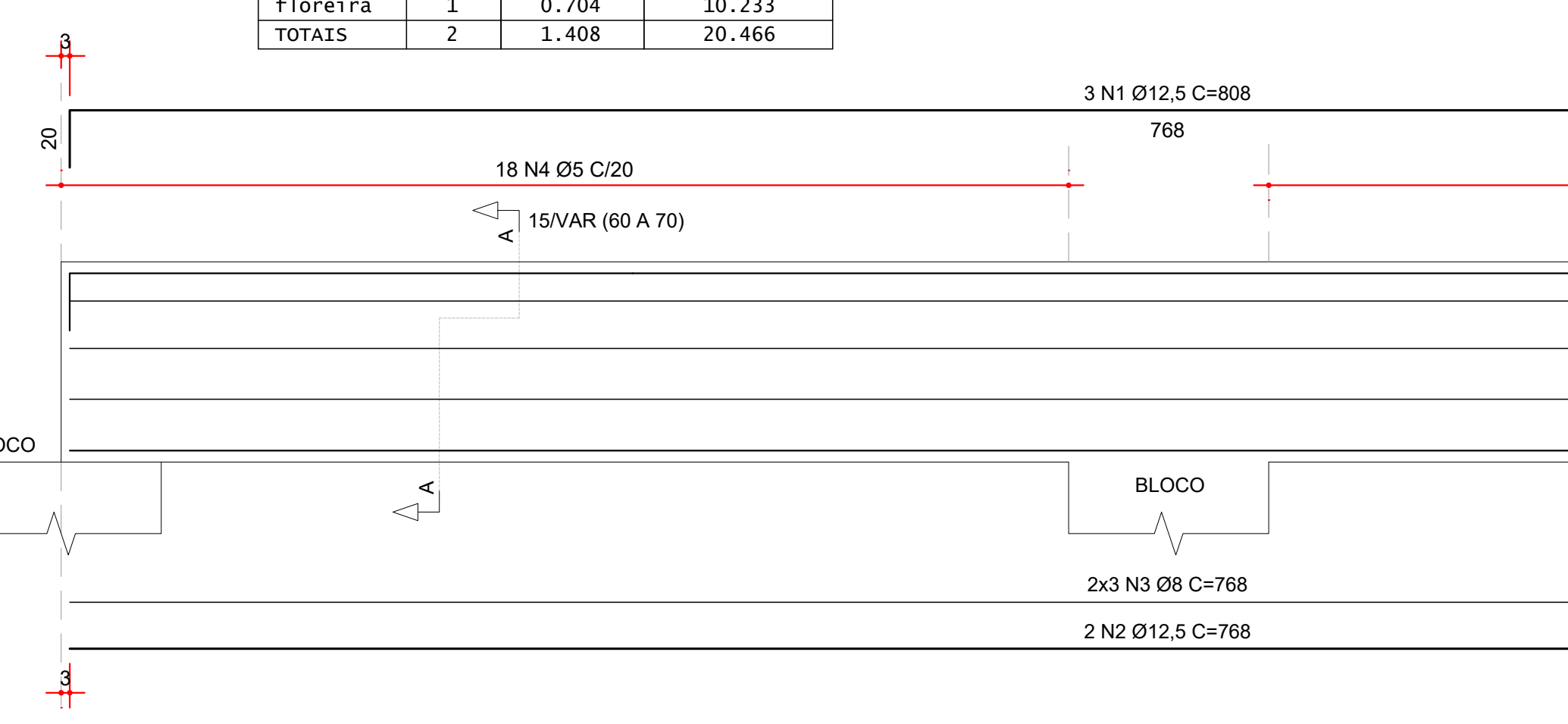
VF23=VF26
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,386	5,704
TOTAIS	2	0,773	11,408

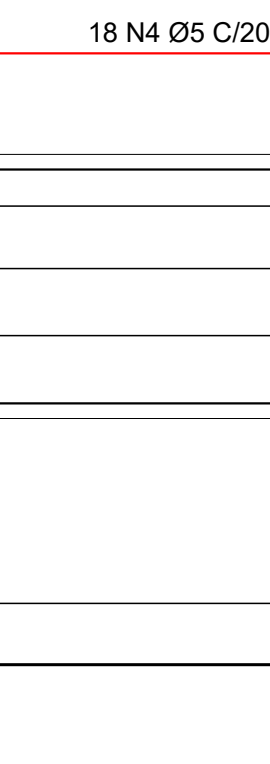


VF16=VF17
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,704	10,233
TOTAIS	2	1,408	20,466

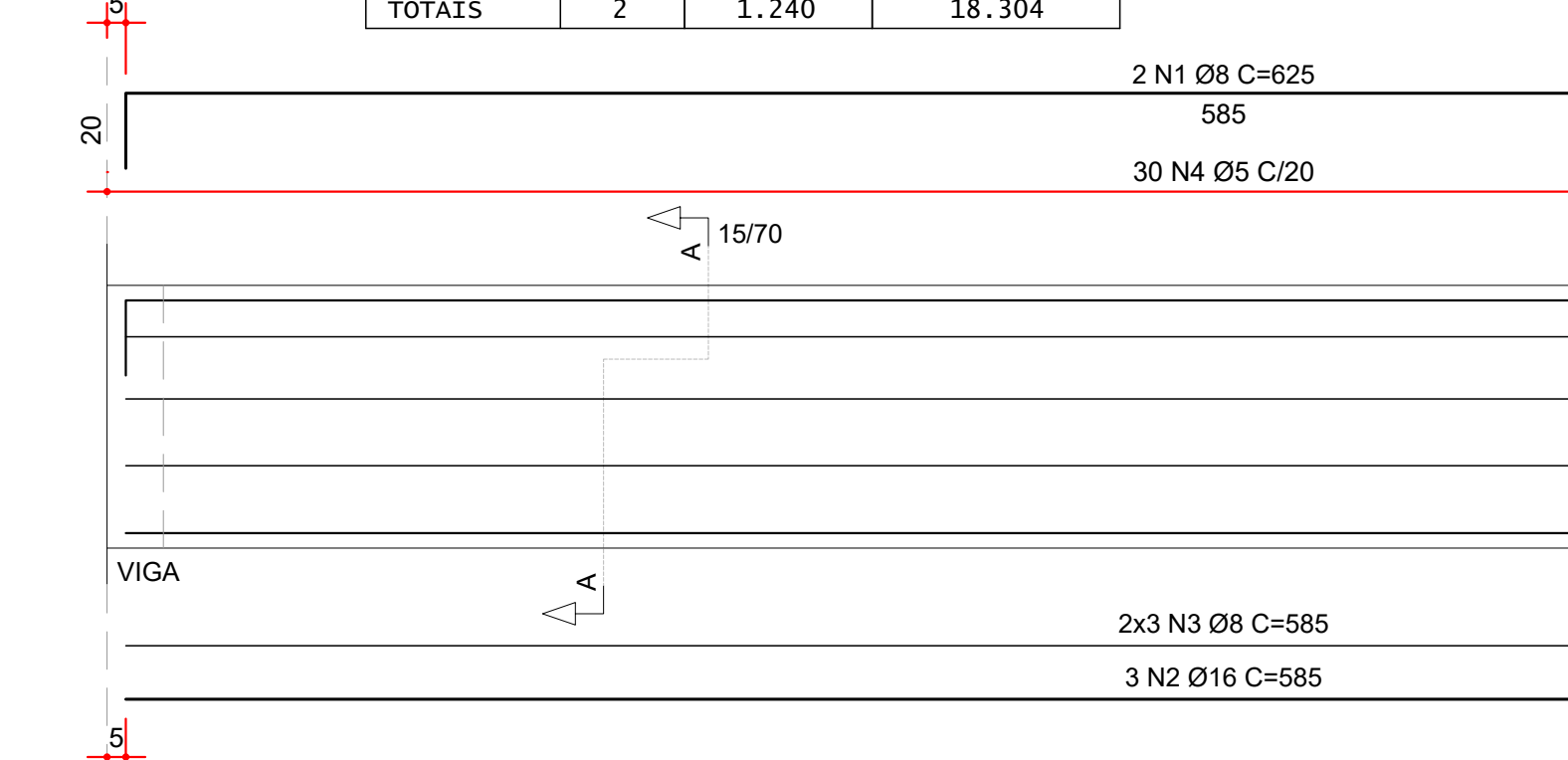


CORTE A
Escala 1:25



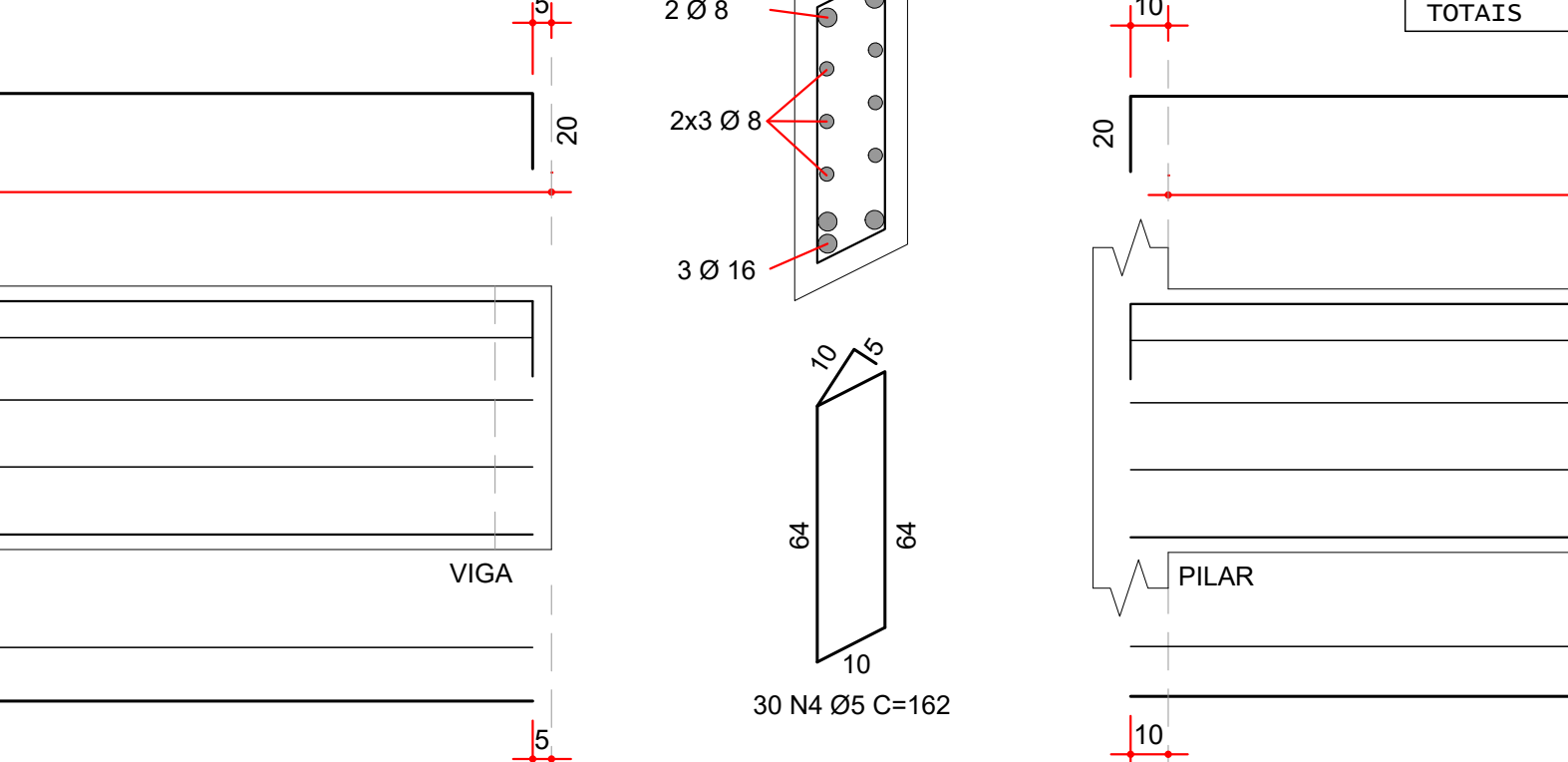
VF20=VF21
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,620	9,152
TOTAIS	2	1,240	18,304



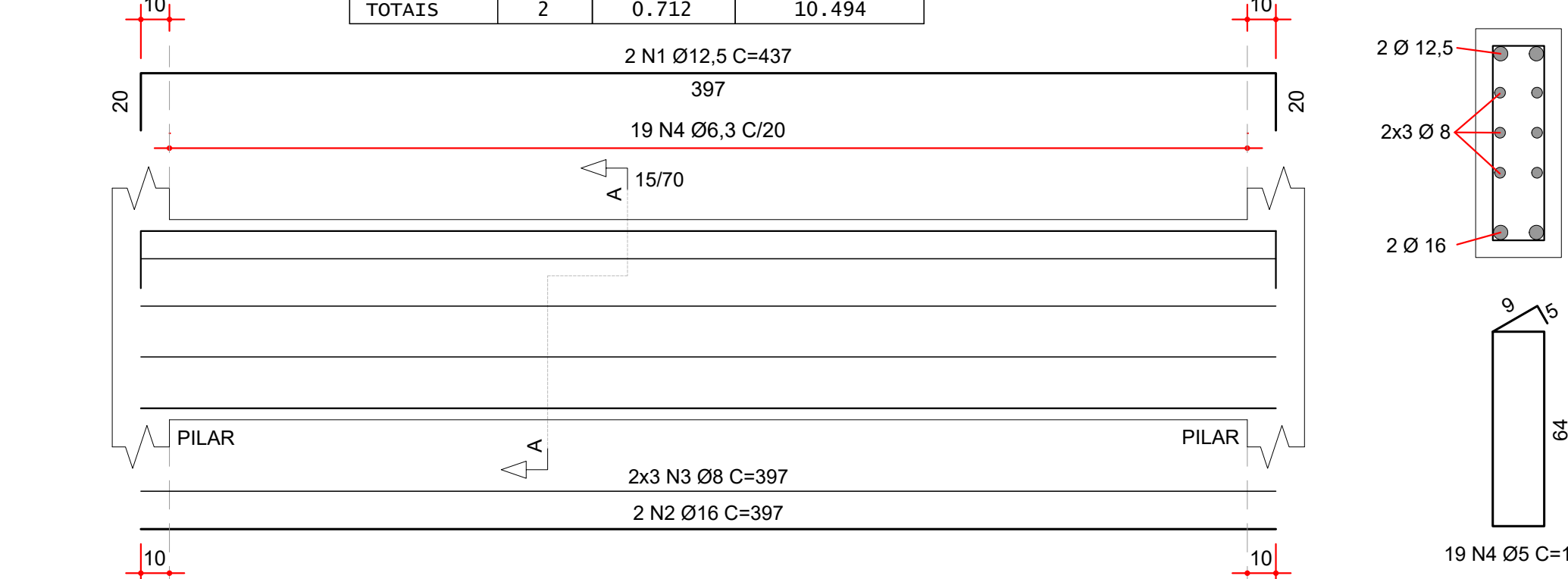
VF24=VF25
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,451	6,671
TOTAIS	2	0,902	13,342

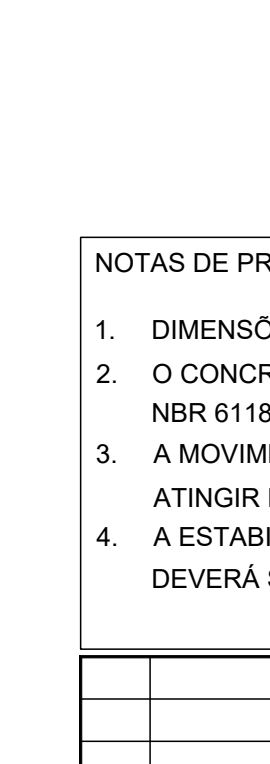


VF27=VF30
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,356	5,247
TOTAIS	2	0,712	10,494

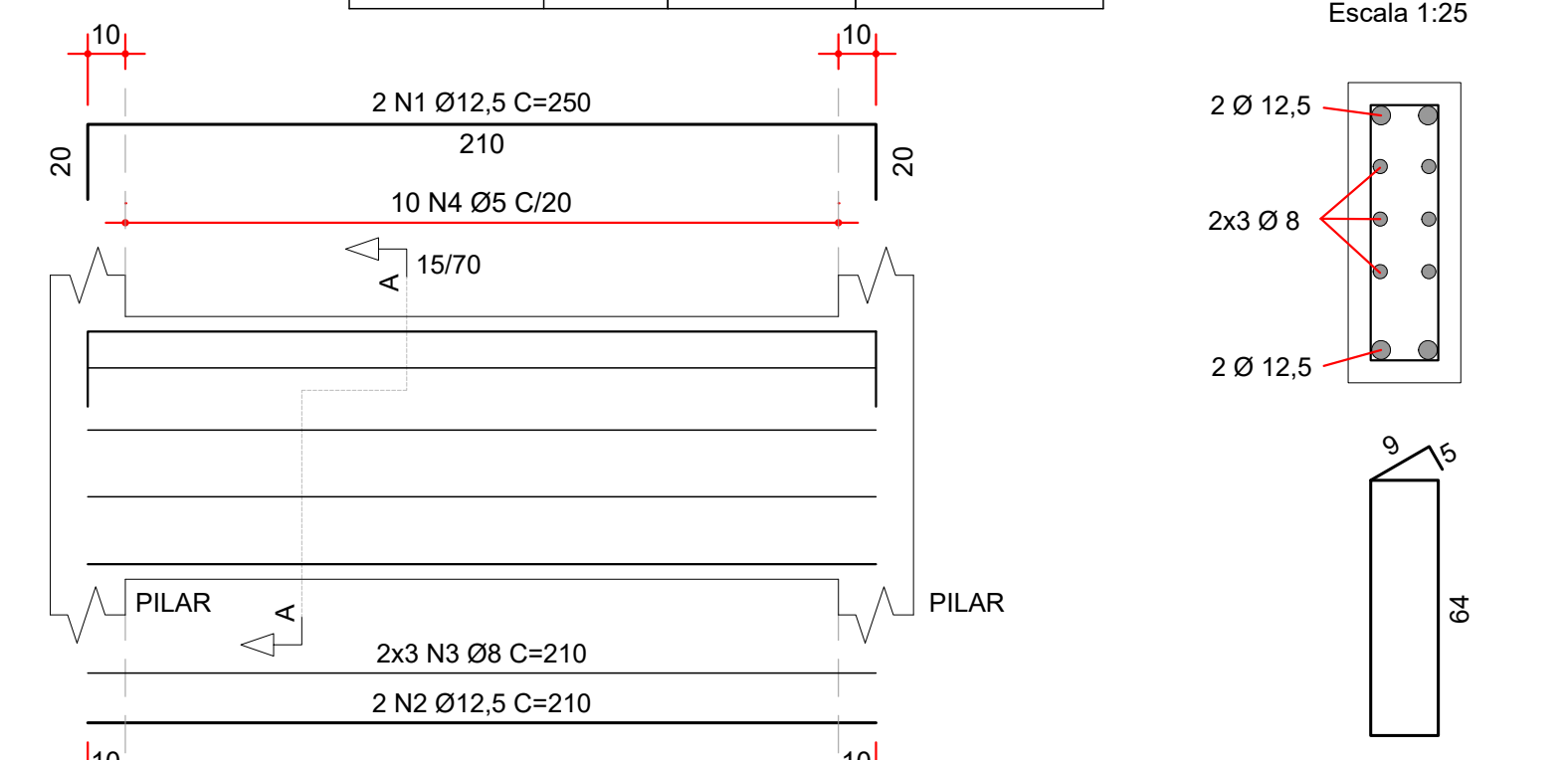


CORTE A
Escala 1:25



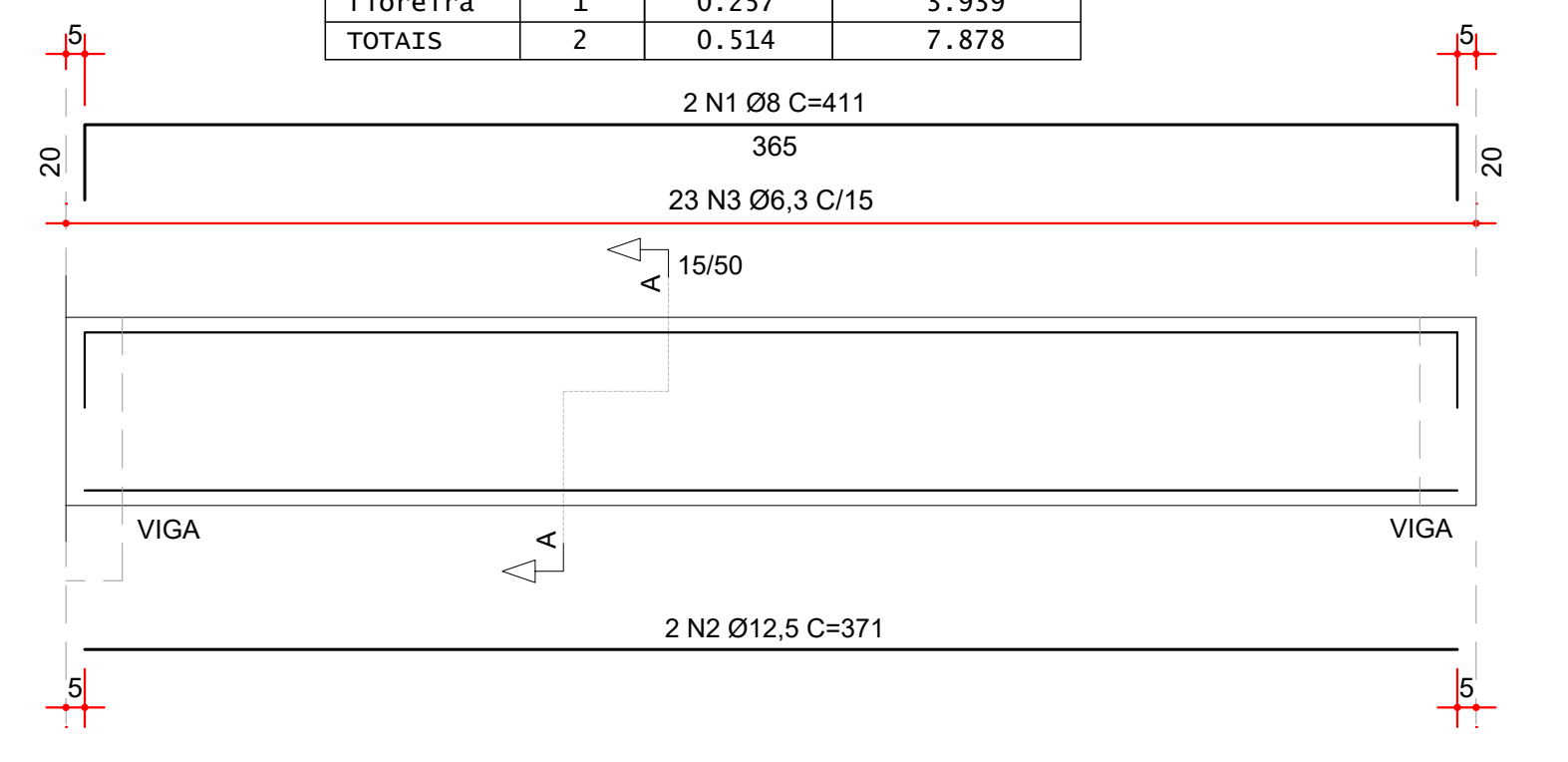
VF28=VF29
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,200	2,945
TOTAIS	2	0,400	5,890



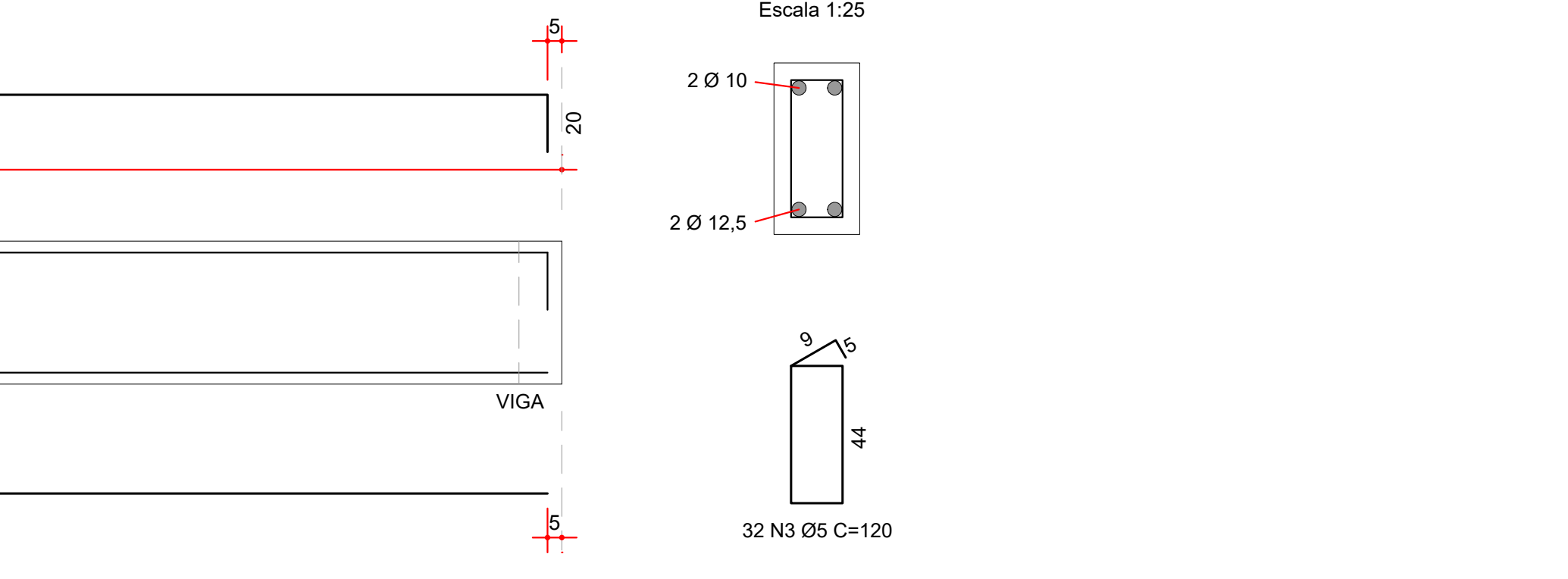
VF31=VF32
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,257	3,939
TOTAIS	2	0,514	7,878



VF5=VF10
Escala 1:50

Pavimento	Quant	Volume m ³	Area de Forma m ²
Floreira	1	0,333	4,906
TOTAIS	2	0,666	9,812



- NOTAS DE PROJETO:
- 1. DIMENSÕES EM CM, EXCETO ONDE INDICADO.
- 2. O CONCRETO UTILIZADO DEVERÁ SER DA CLASSE C30 CONFORME DISCRIMINADO NA NBR 8118 (ABNT, 2014).
- 3. A MOVIMENTAÇÃO DAS VIGAS SOMENTE PODE SER REALIZADA QUANDO O CONCRETO ATINGIR RESISTÊNCIA À COMPRESSÃO (f_{cd}) DE 21 MPa.
- 4. A ESTABILIDADE DAS VIGAS E DA ESTRUTURA, DURANTE O PROCESSO CONSTRUTIVO, DEVERÁ SER AVALIADA PELO CONSTRUTOR.

0	INICIAL	PJC	PJC	30/03/2022
REV	DESCRIÇÃO	DESENHO	APROV	DATA
Projeto estrutural				
CURITIBA - PR (41) 3013-4787				
Obras				
GINÁSIO DE ESPORTES PATO BRANCO				
PROJETO EXECUTIVO				
ARMADURAS DAS VIGAS DAS FLOREIRAS				
Proprietário				
PREFEITURA MUNICIPAL DE PATO BRANCO				
Endereço	RUA BENJAMIN BORGES, BAIRRO FRARON, PATO BRANCO - PR			Escala
				Data
				INDICADA
				09/2019
				NUMERO
				D-032-CV-016