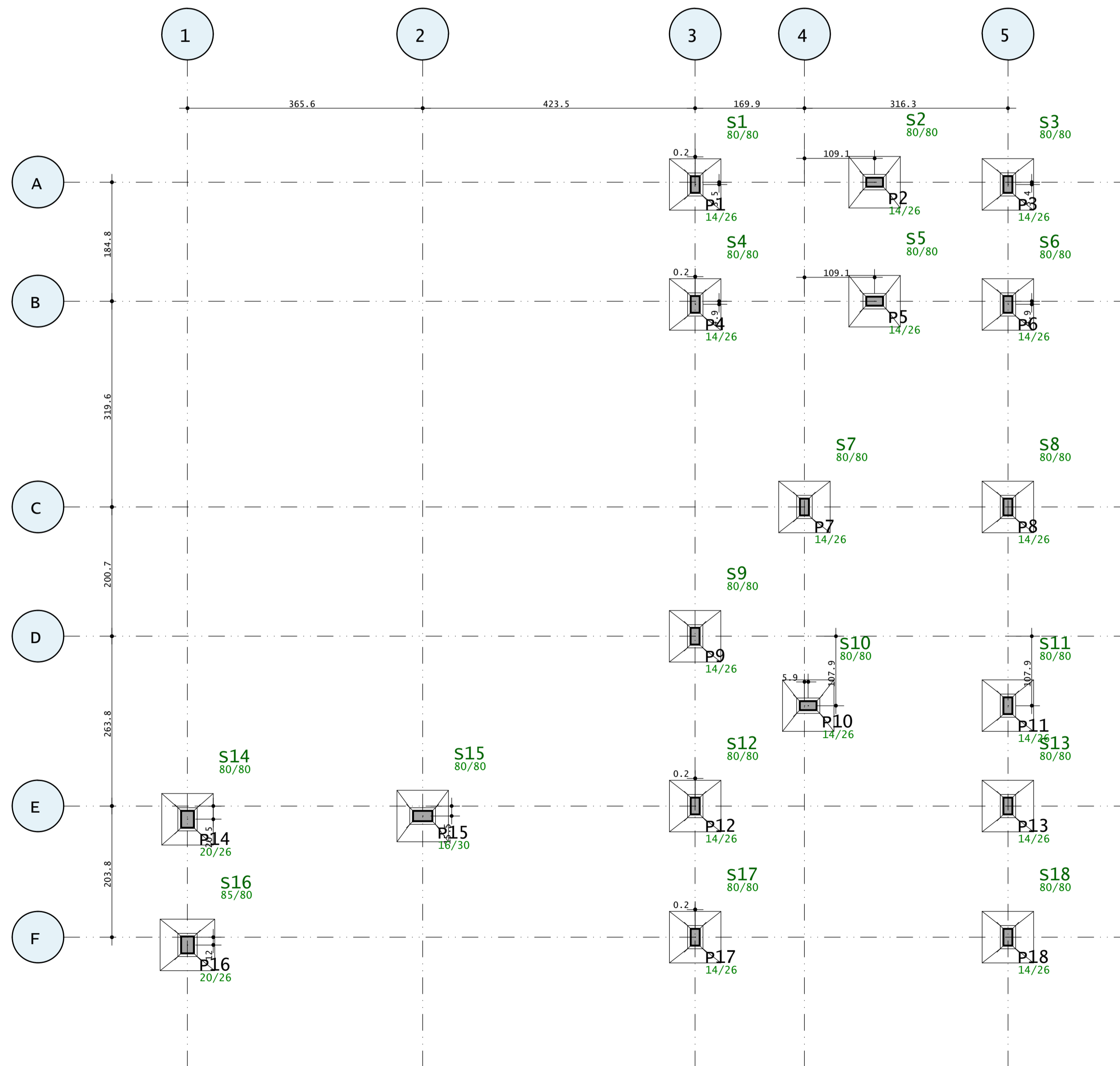


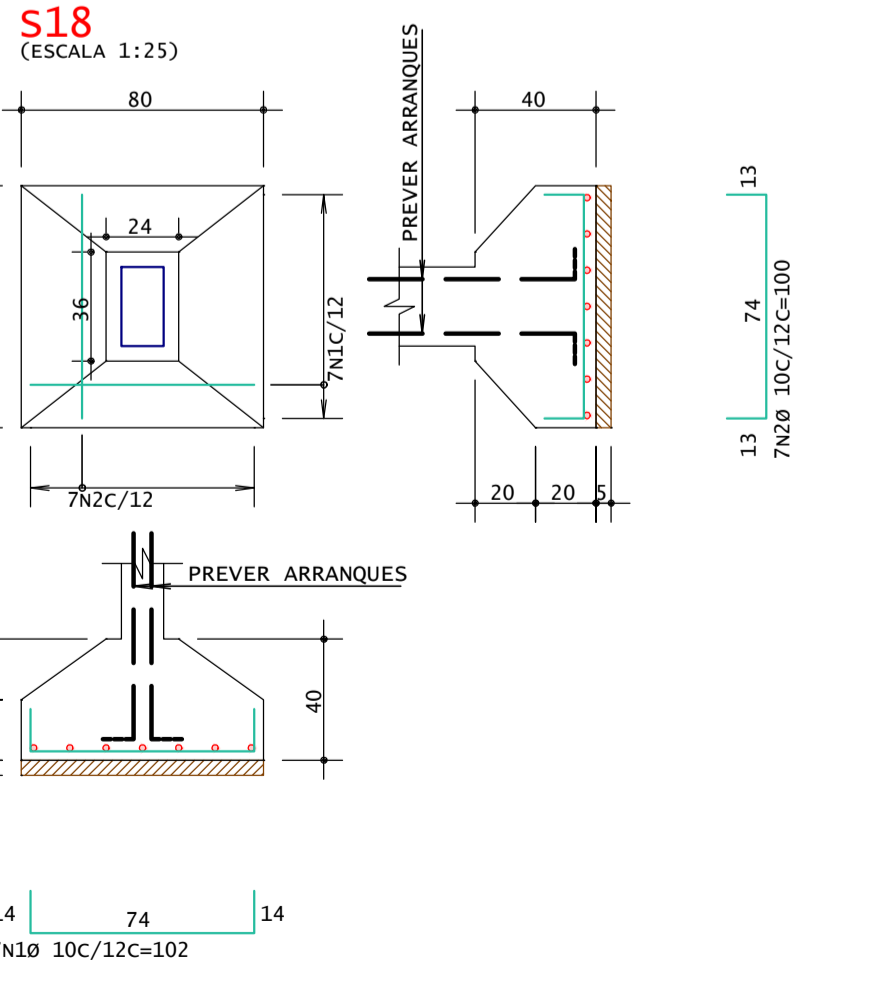
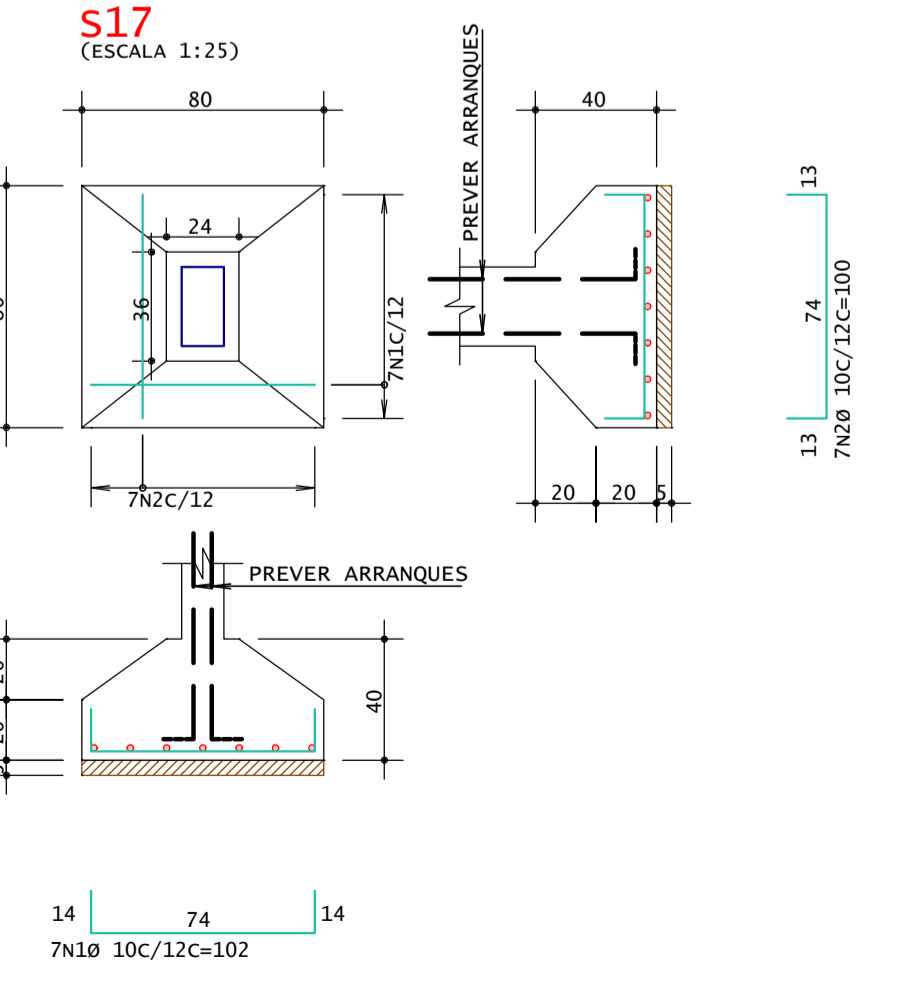
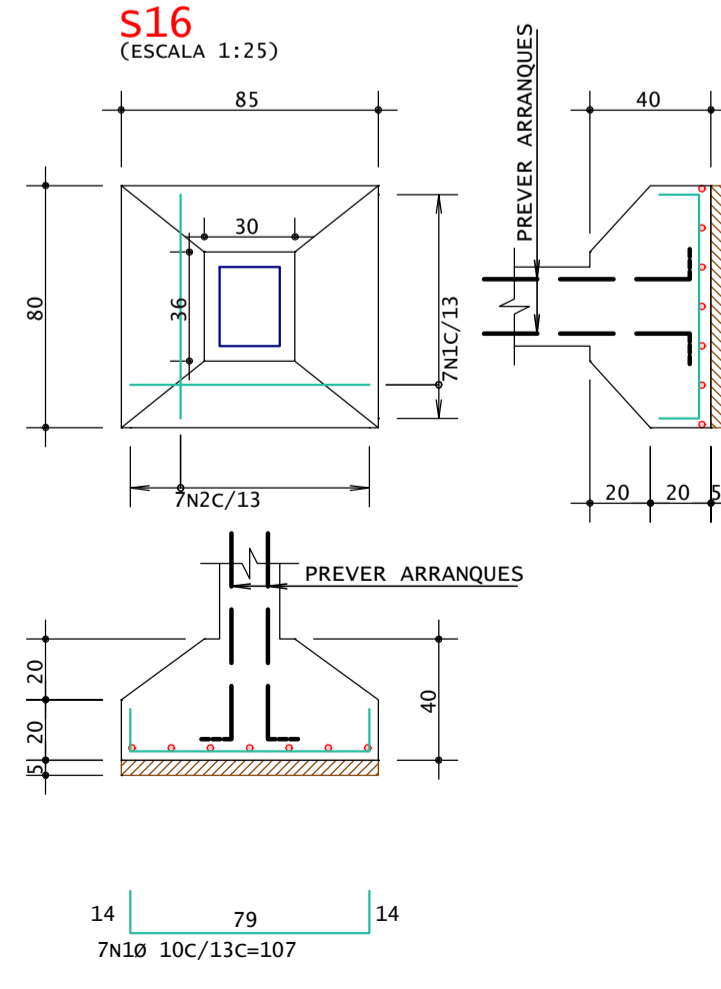
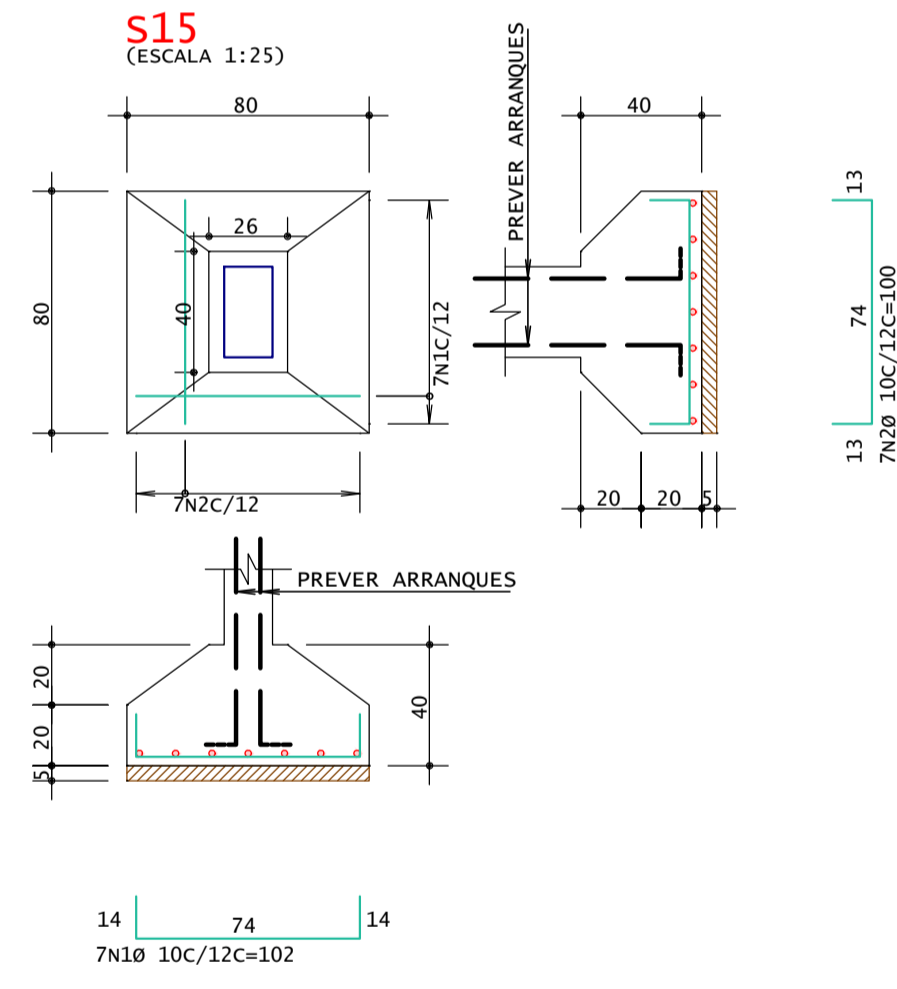
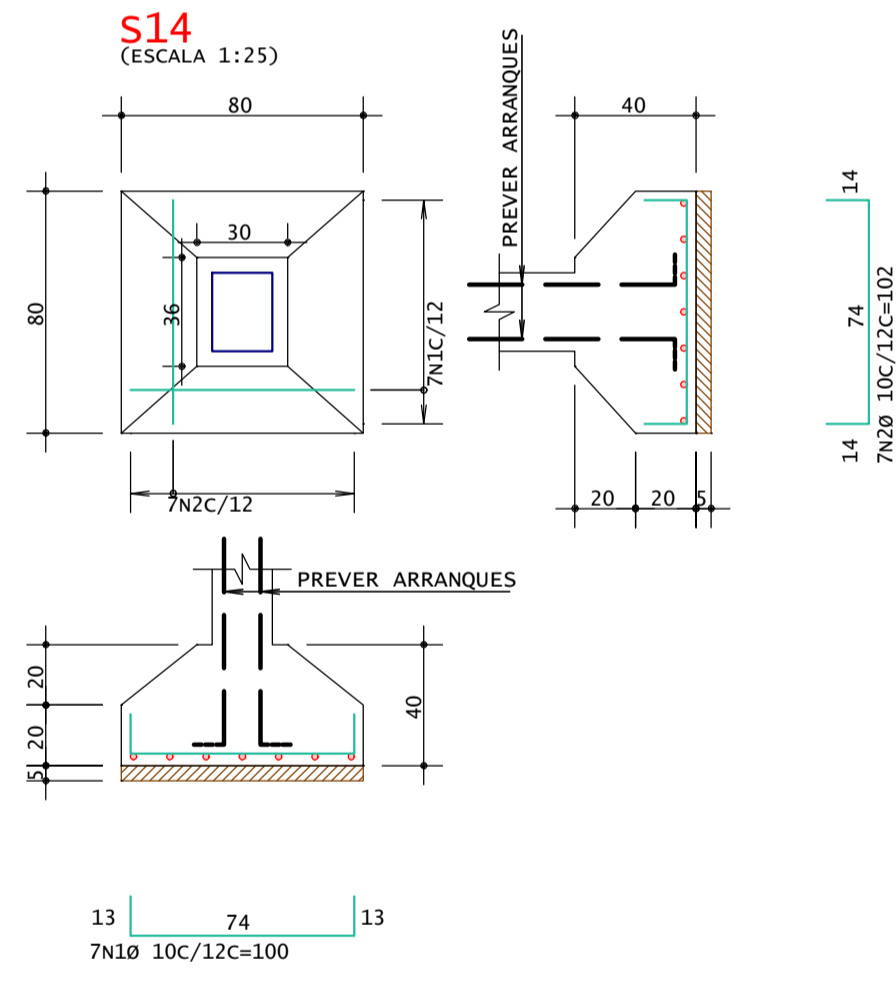
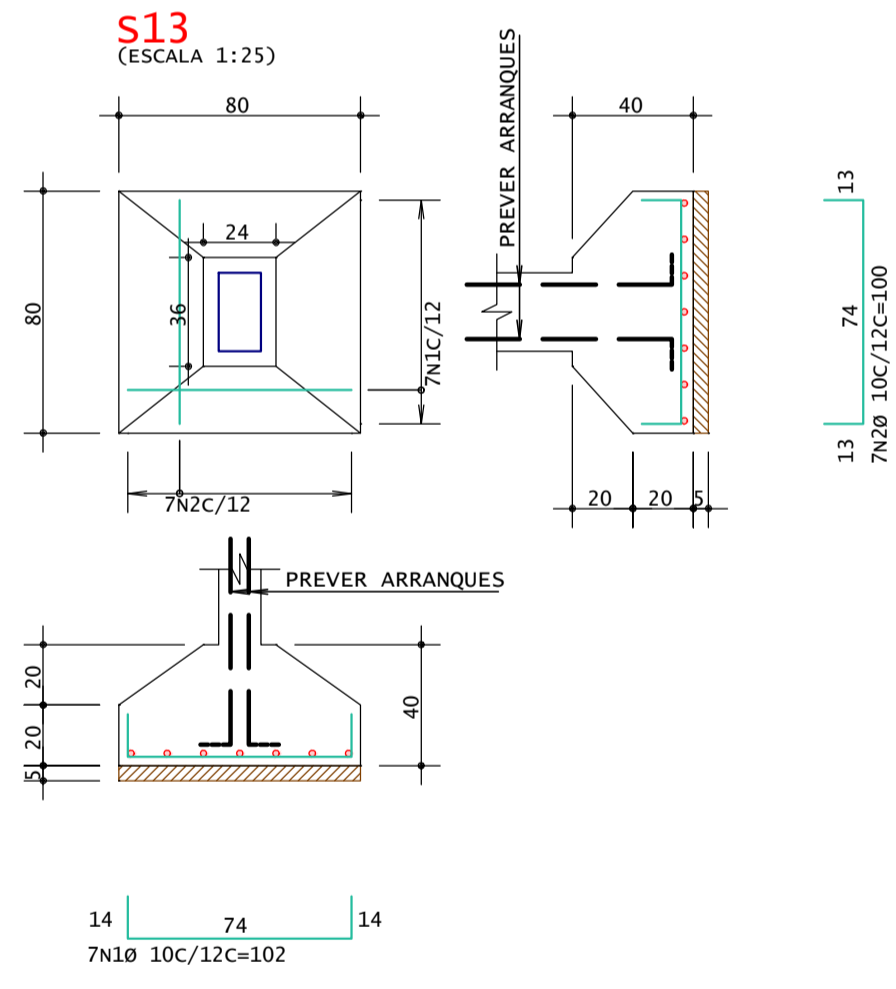
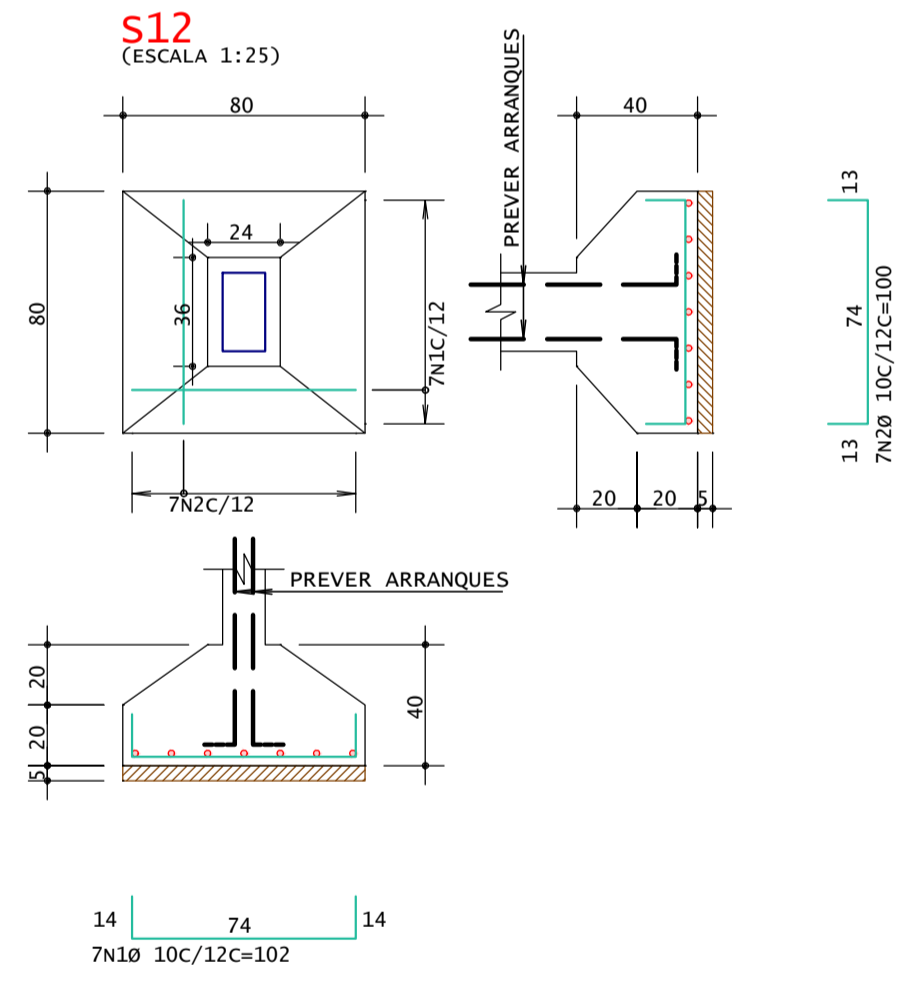
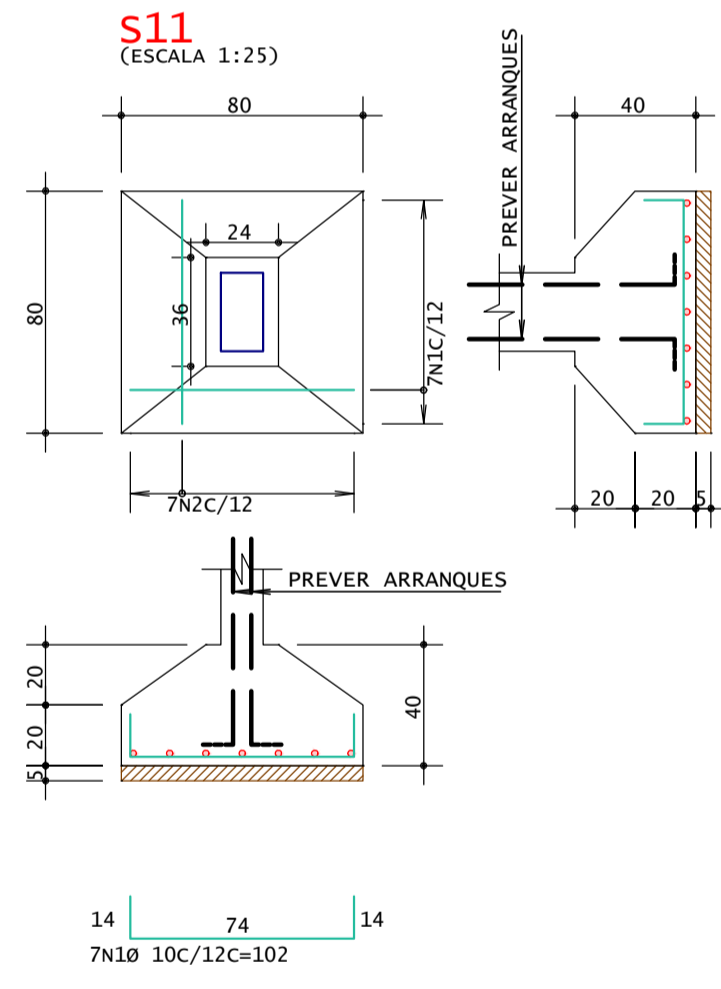
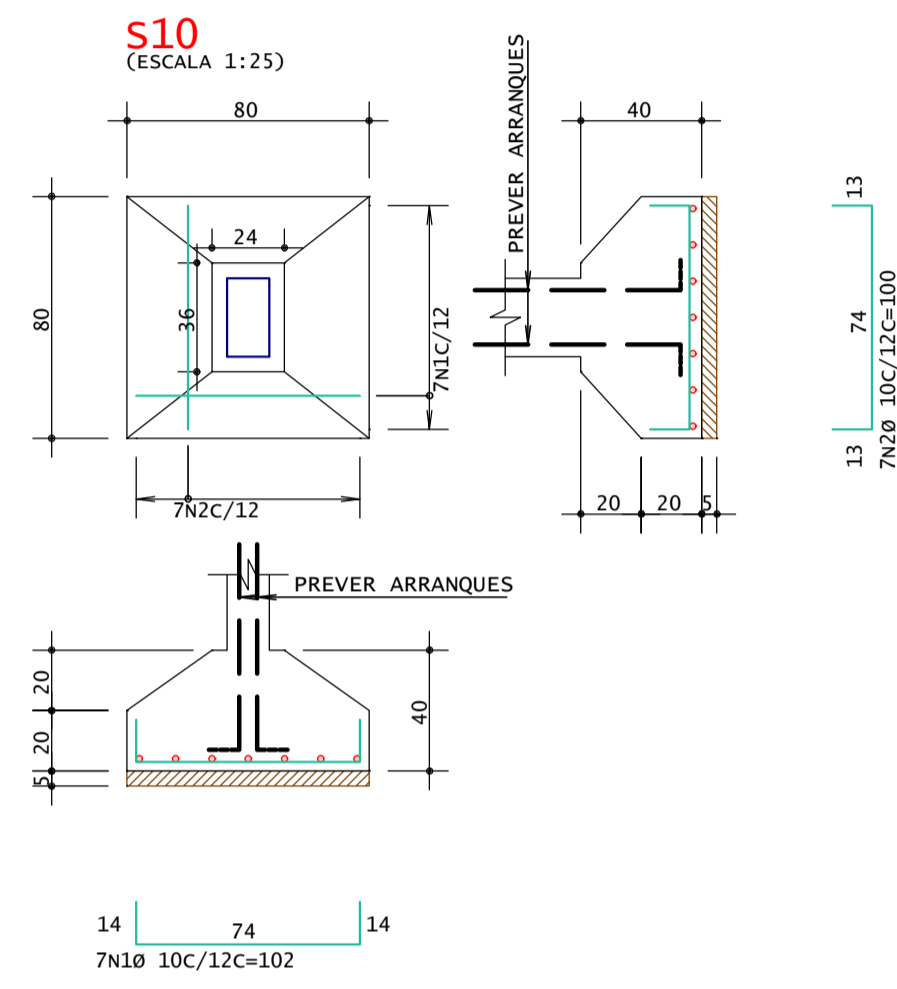
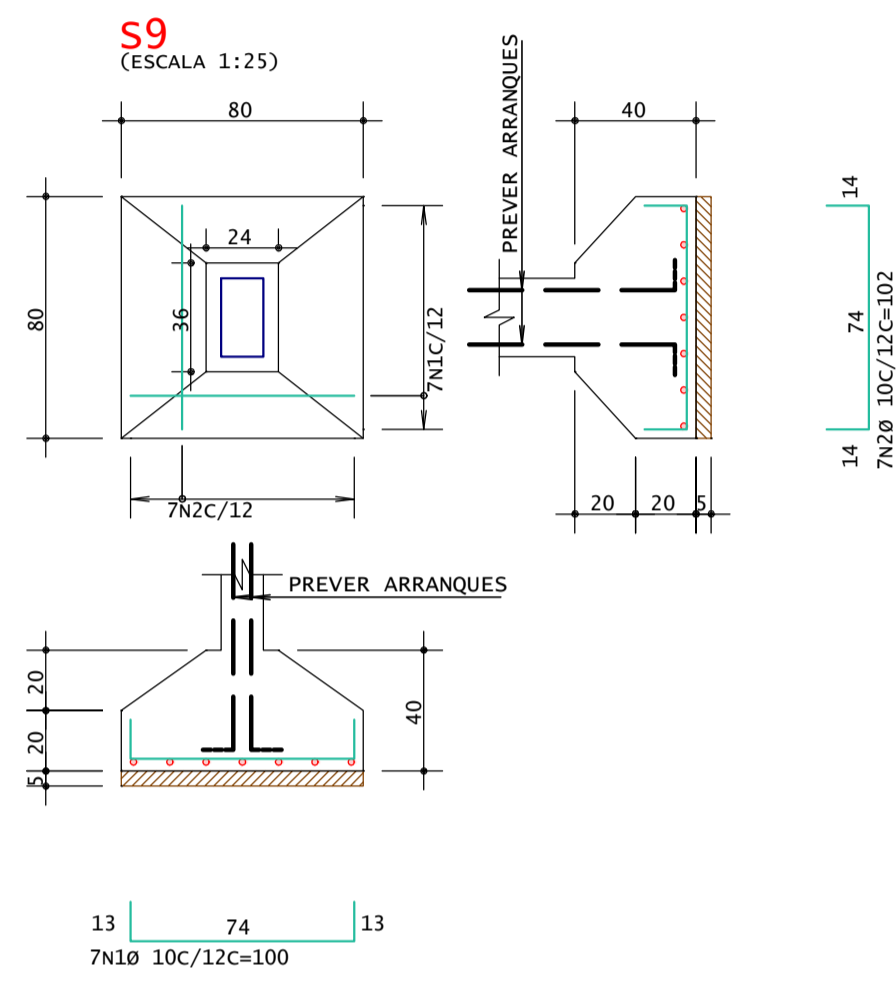
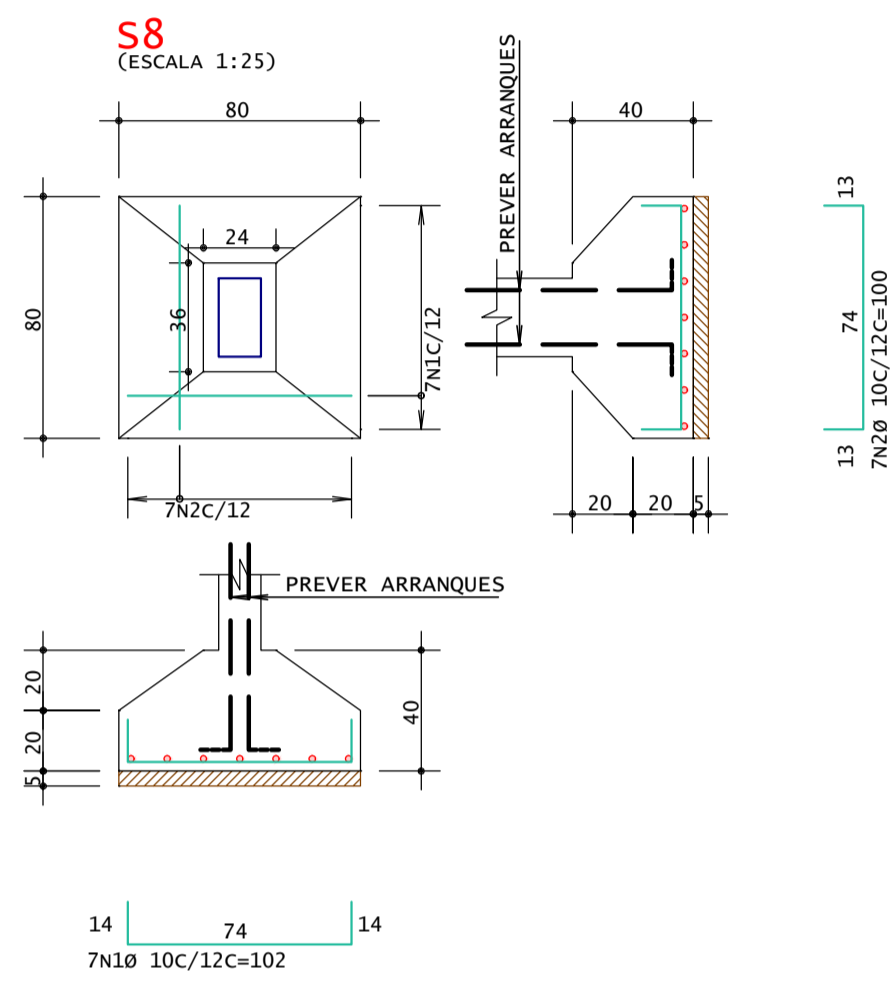
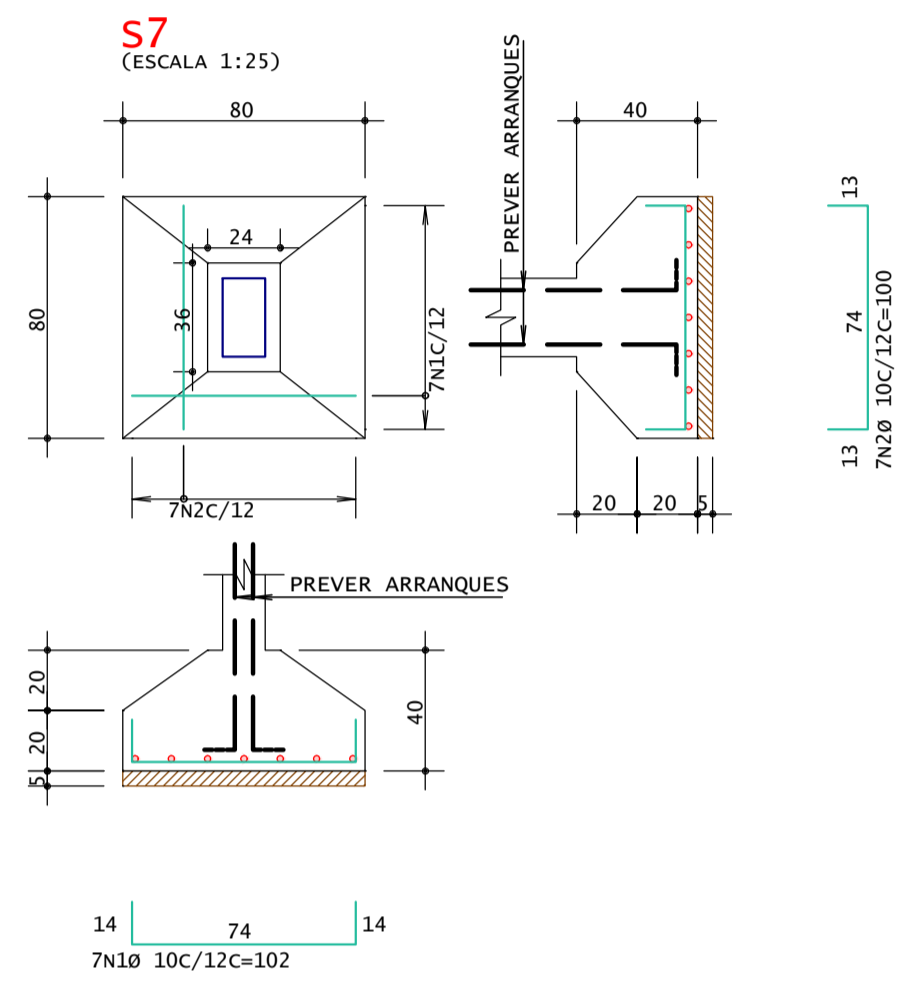
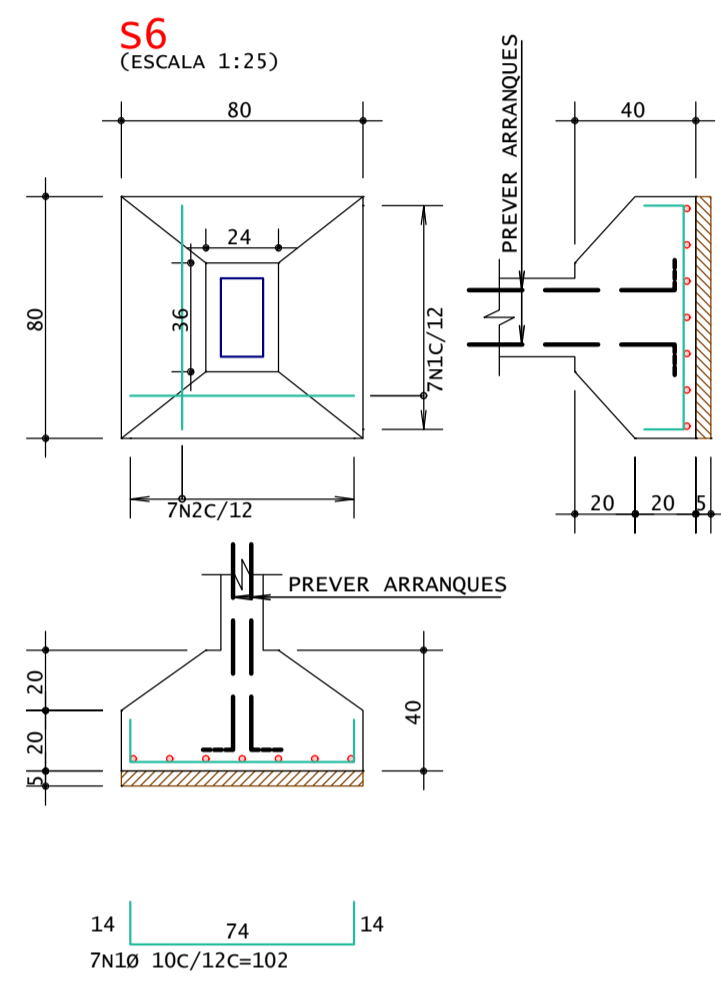
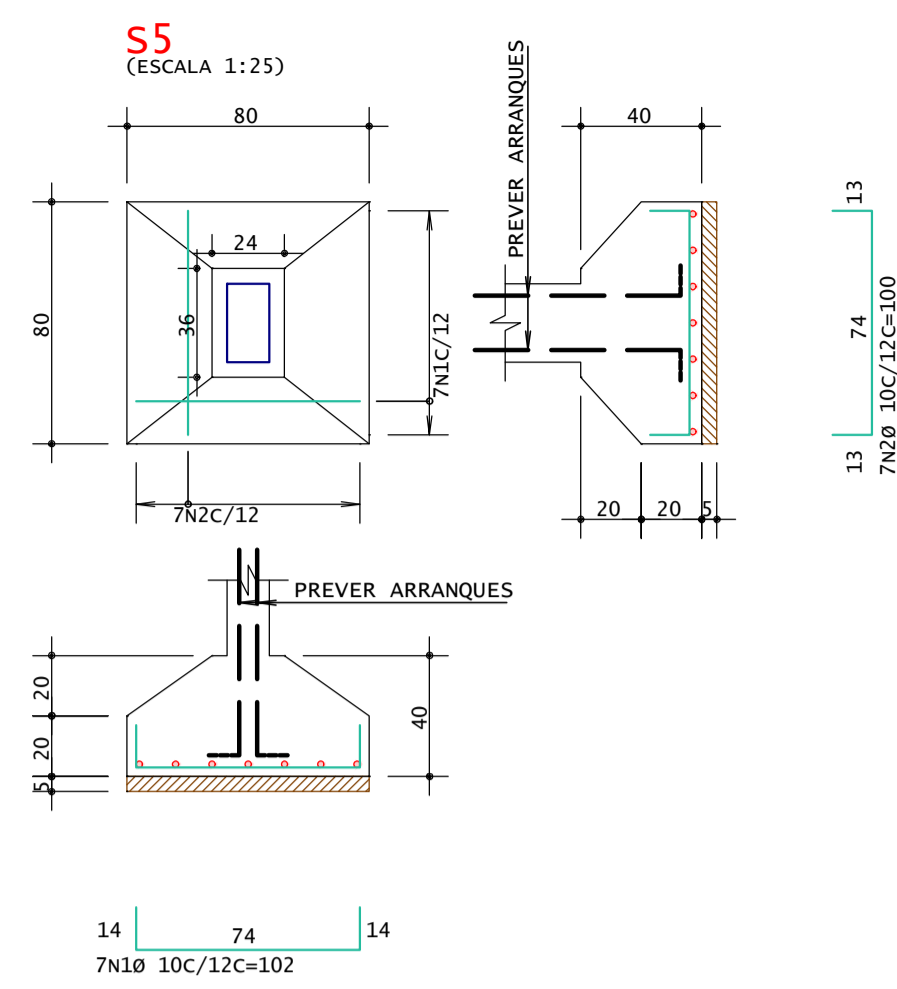
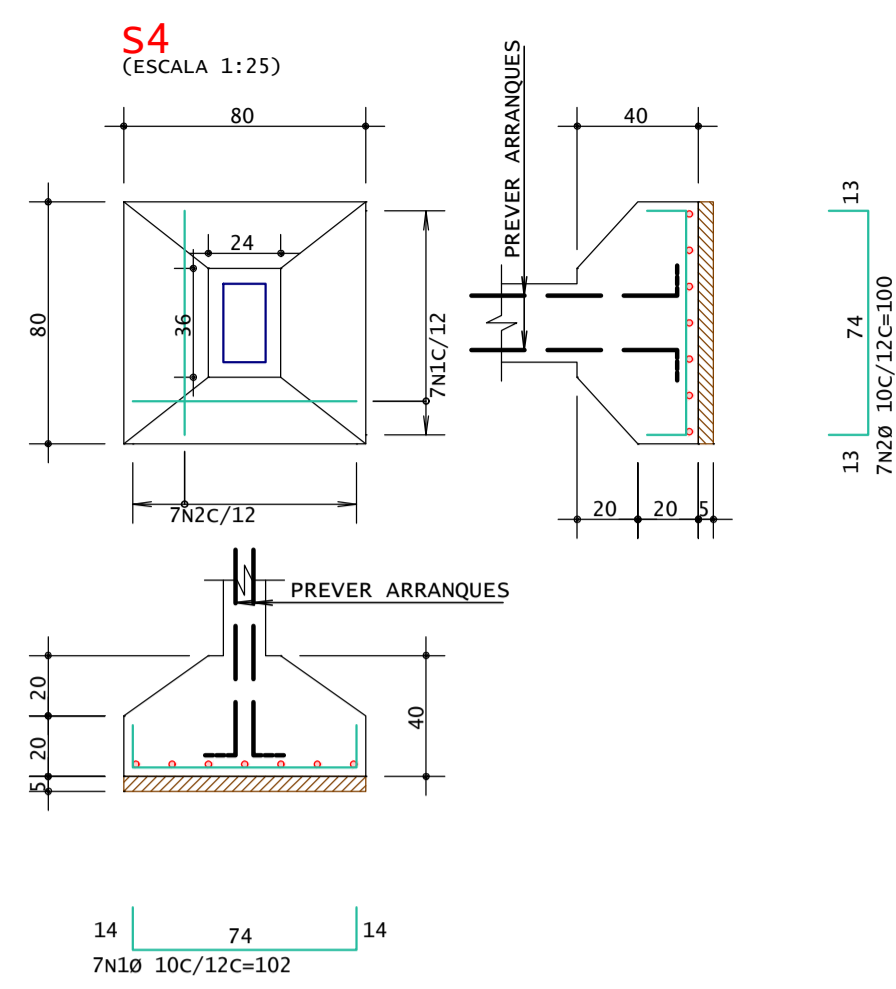
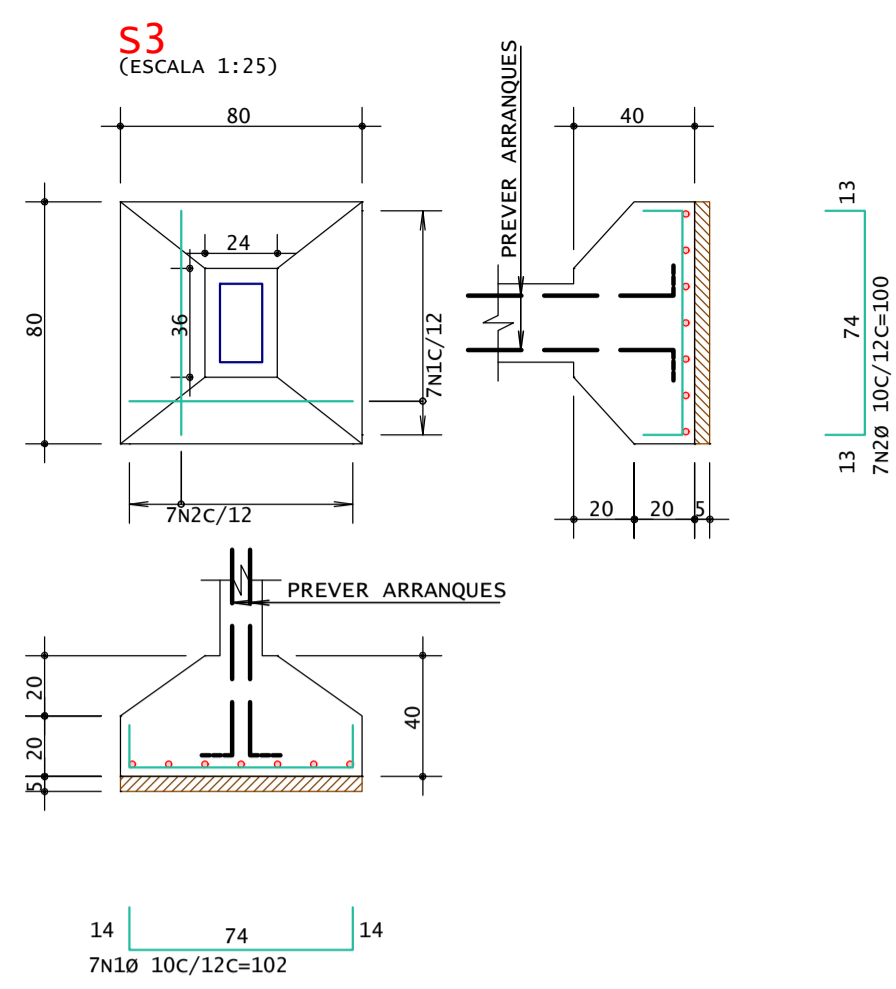
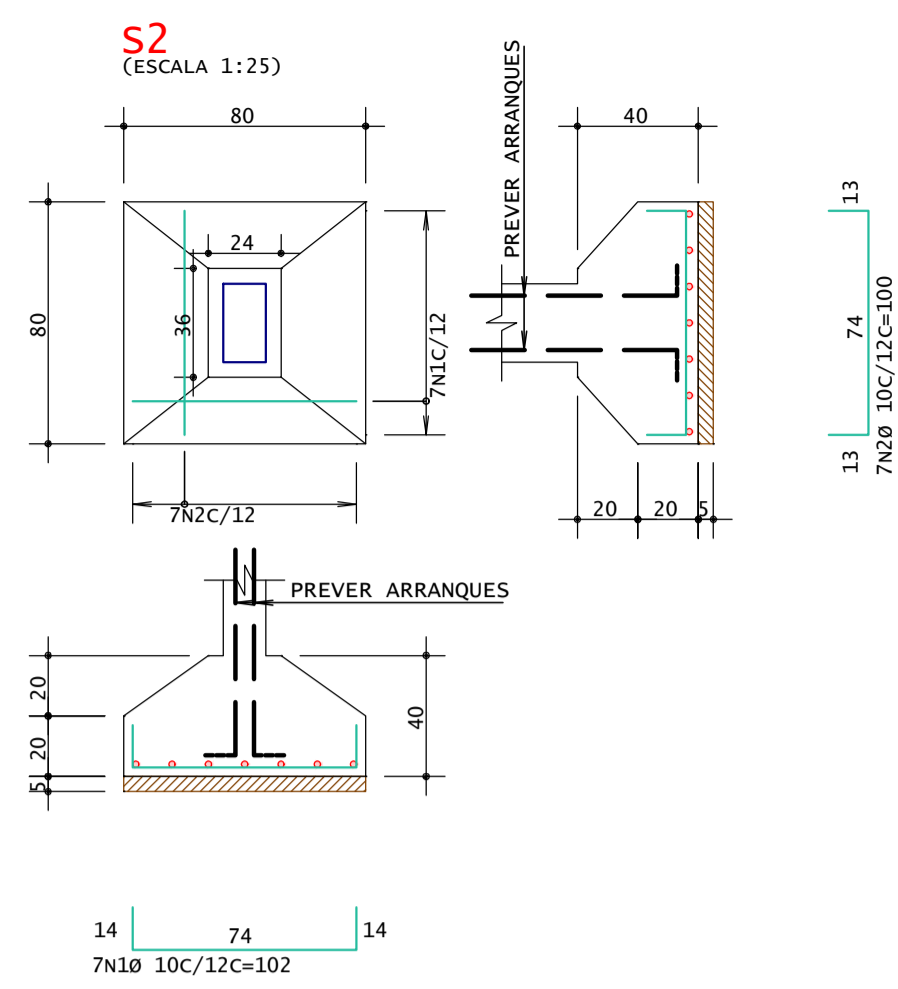
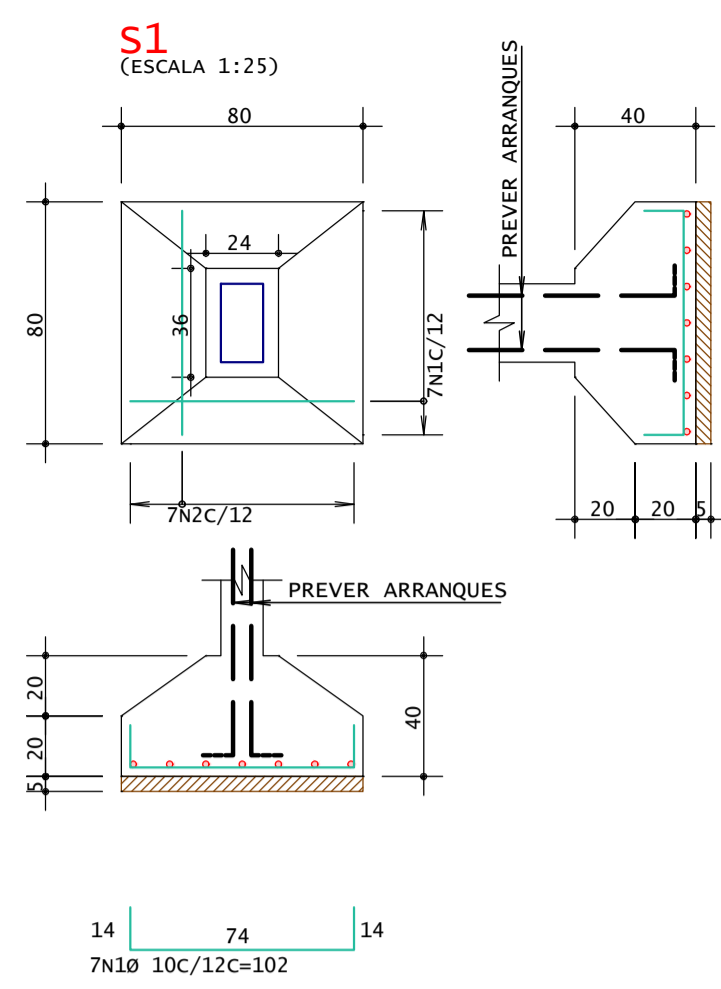
Corte A-A

## Planta Fundacao

Escala 1:50



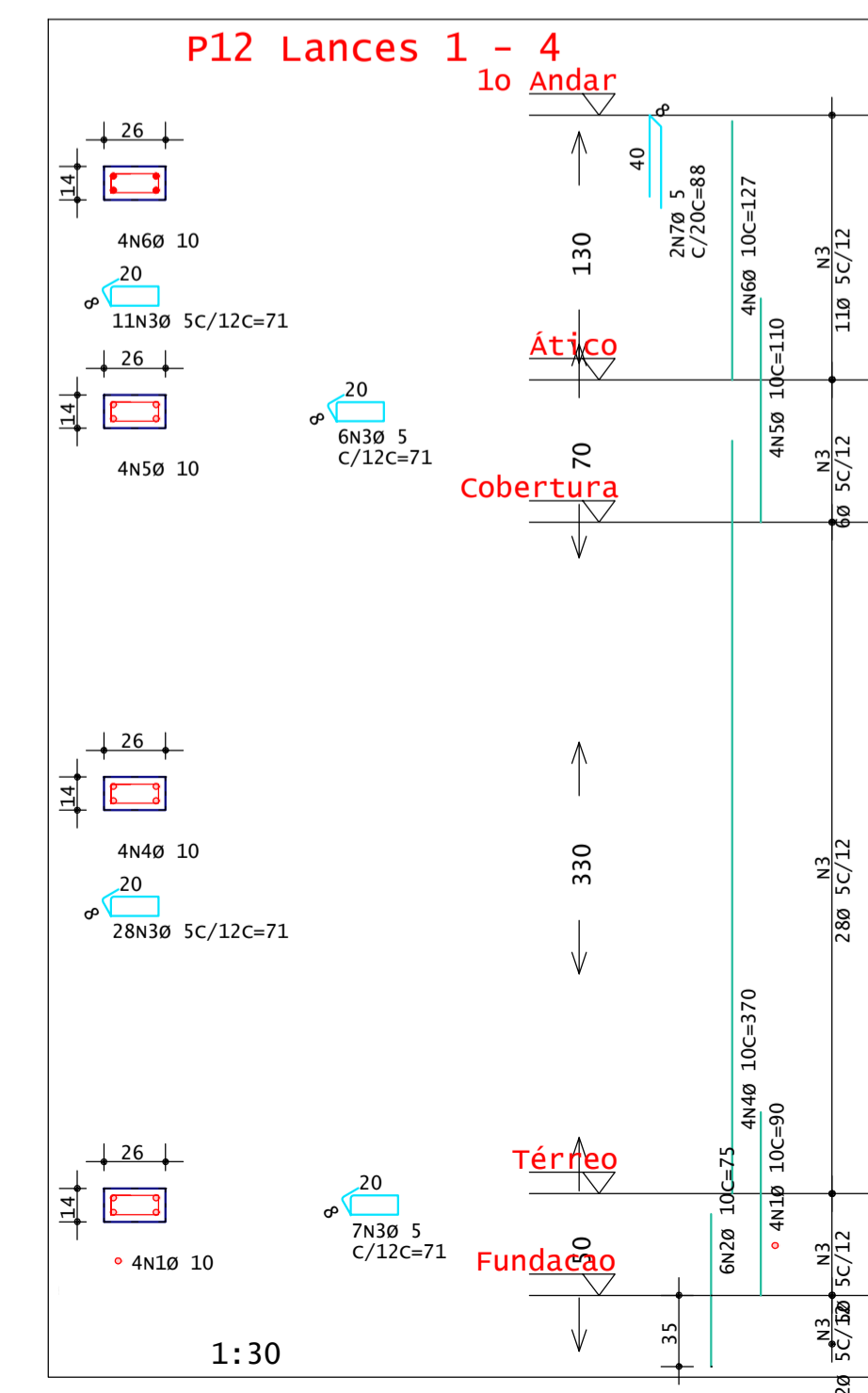
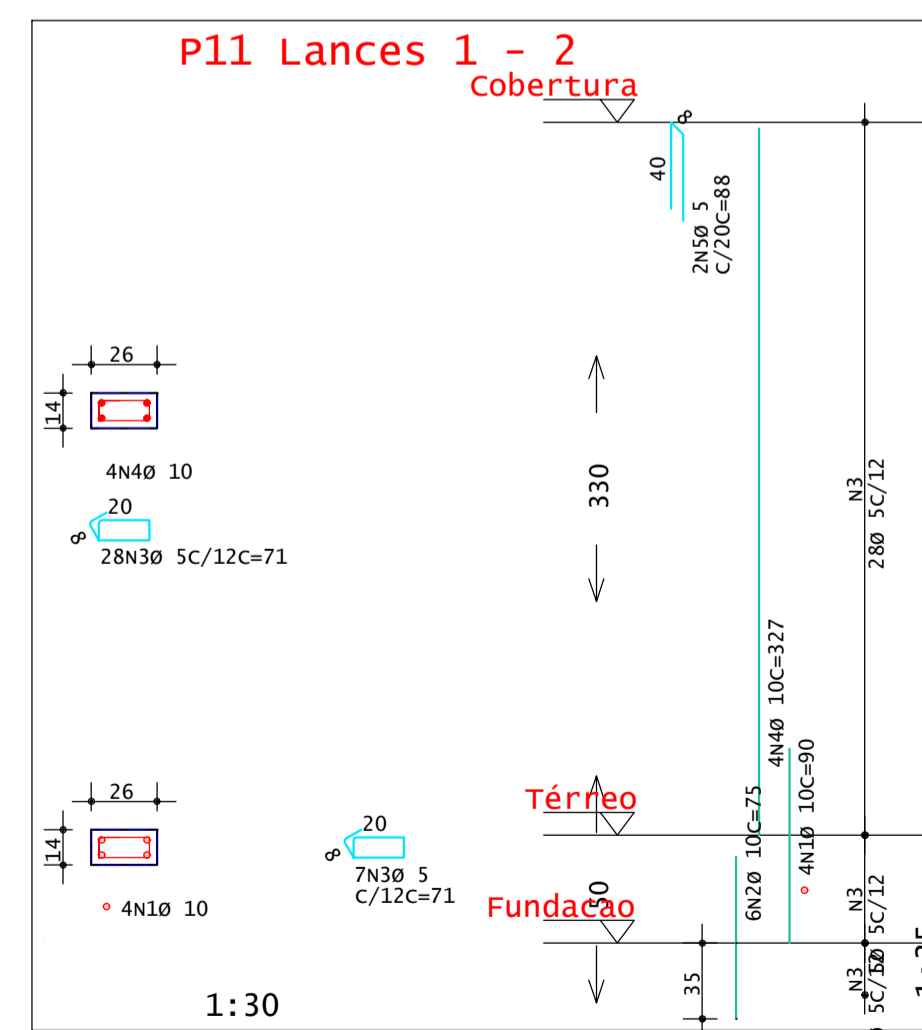
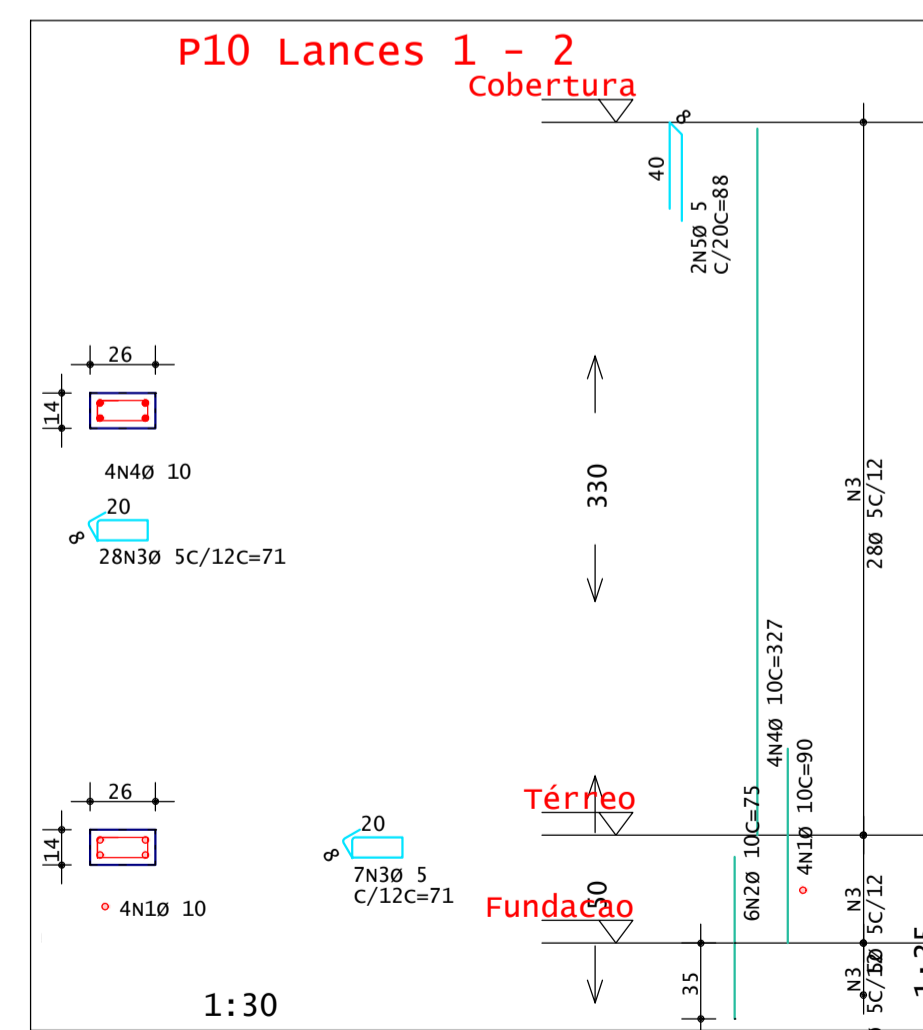
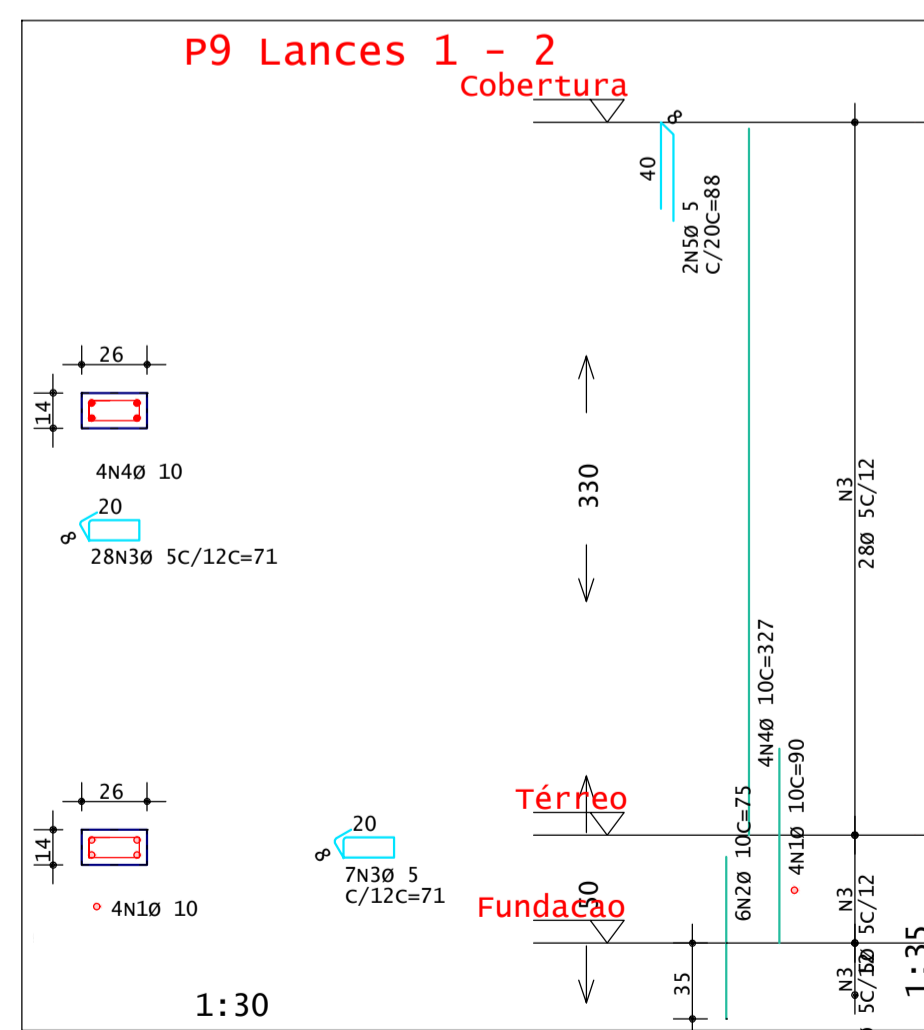
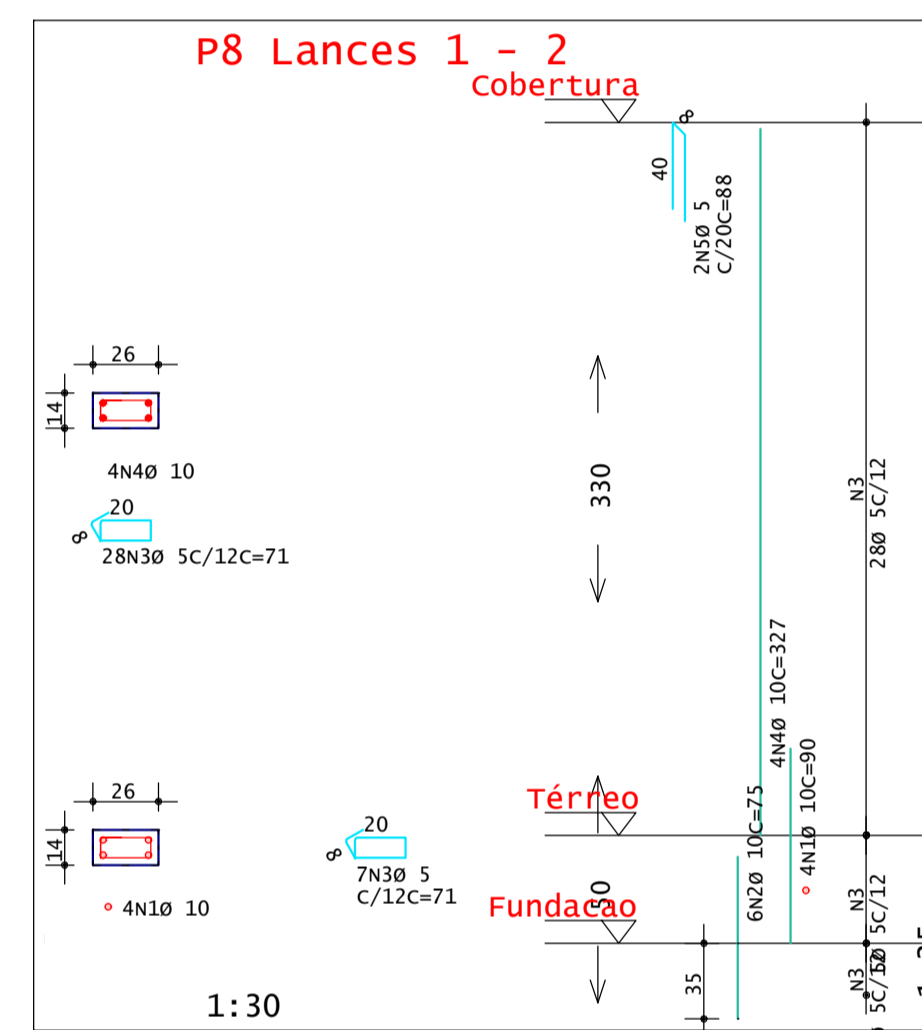
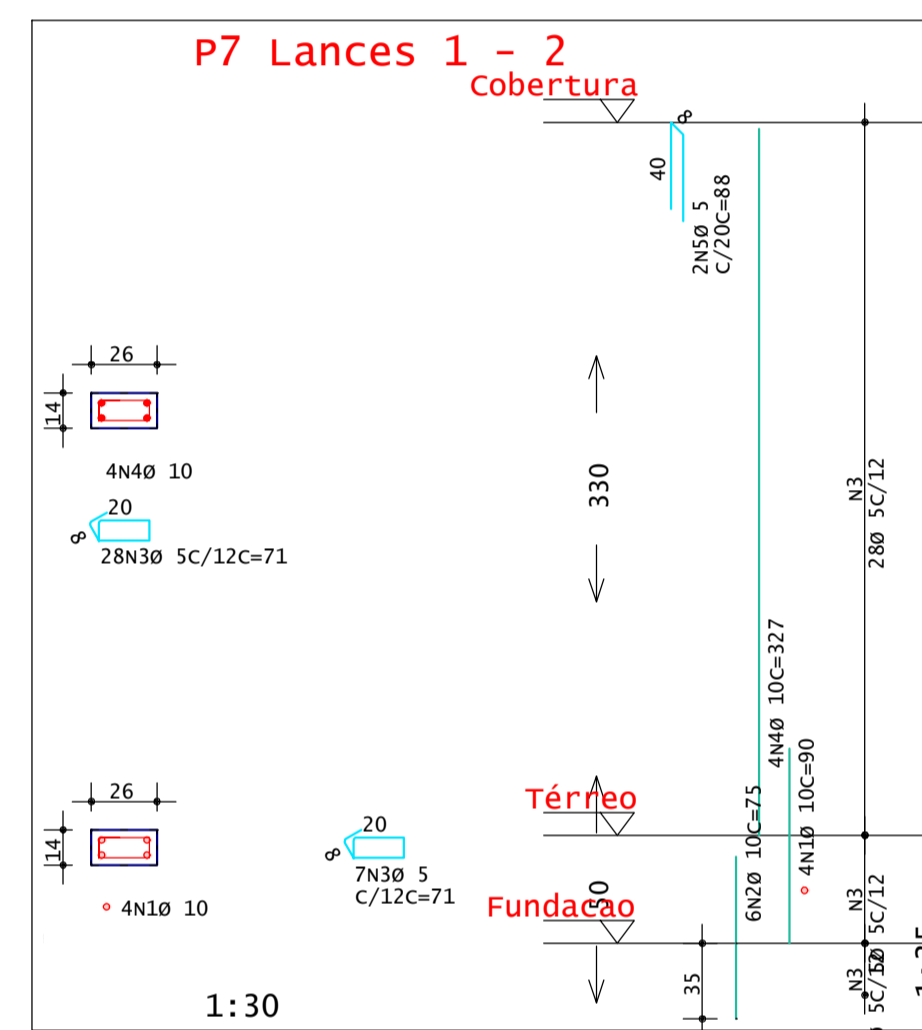
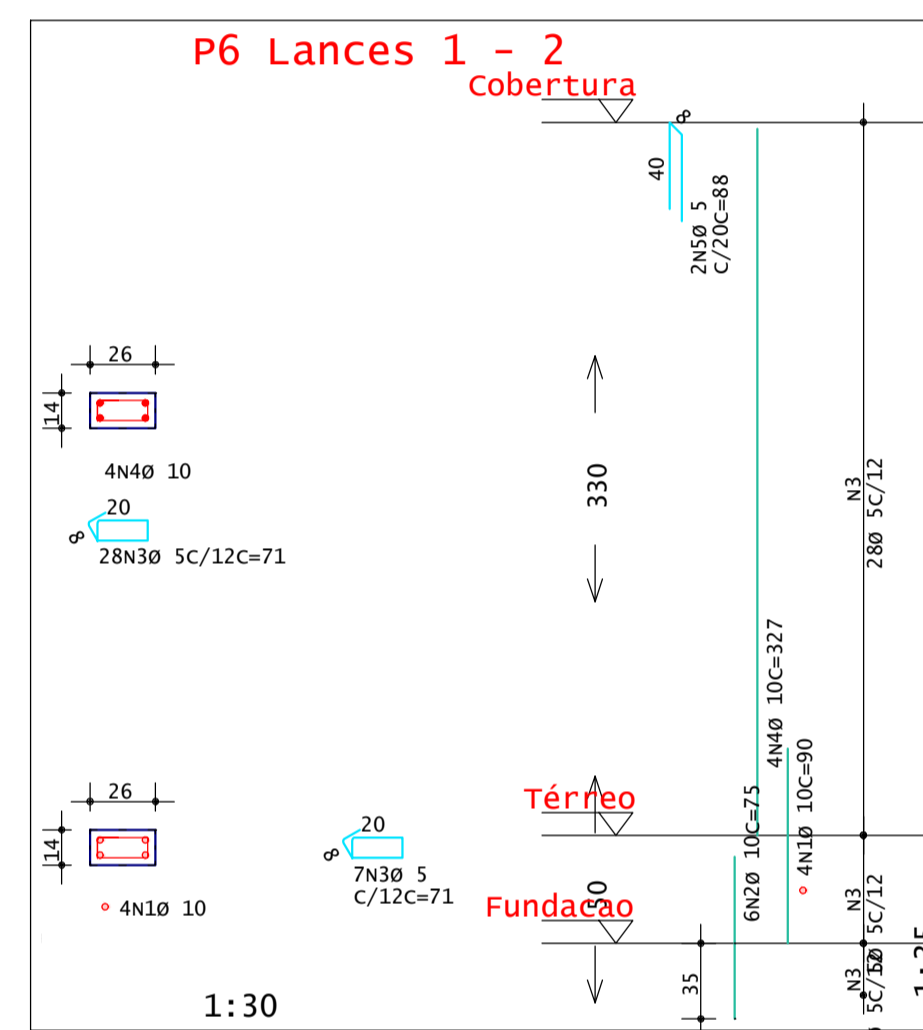
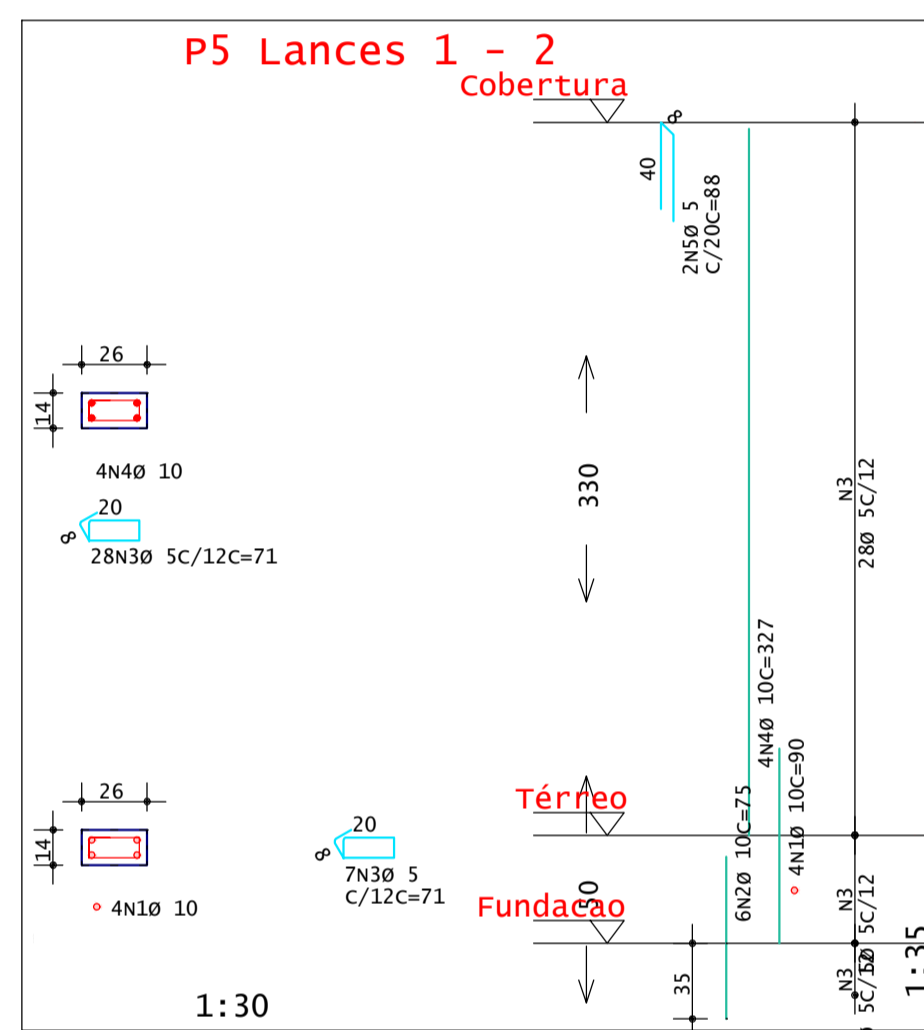
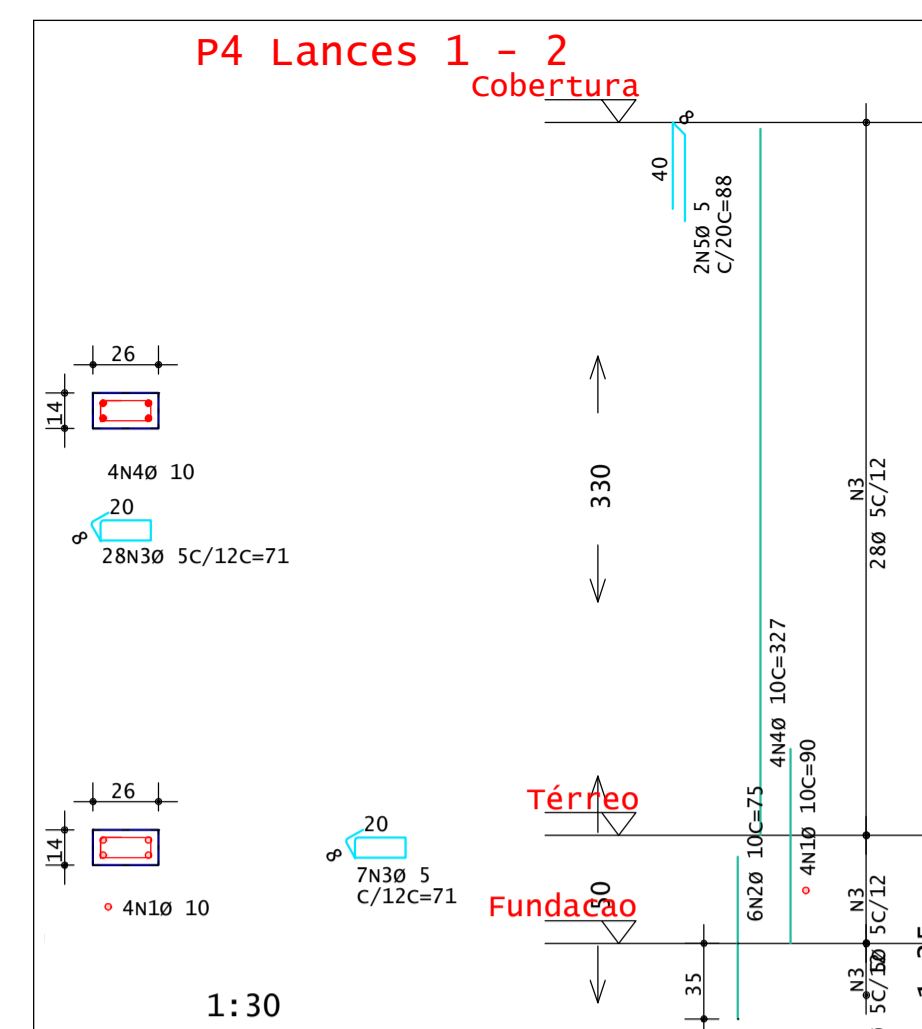
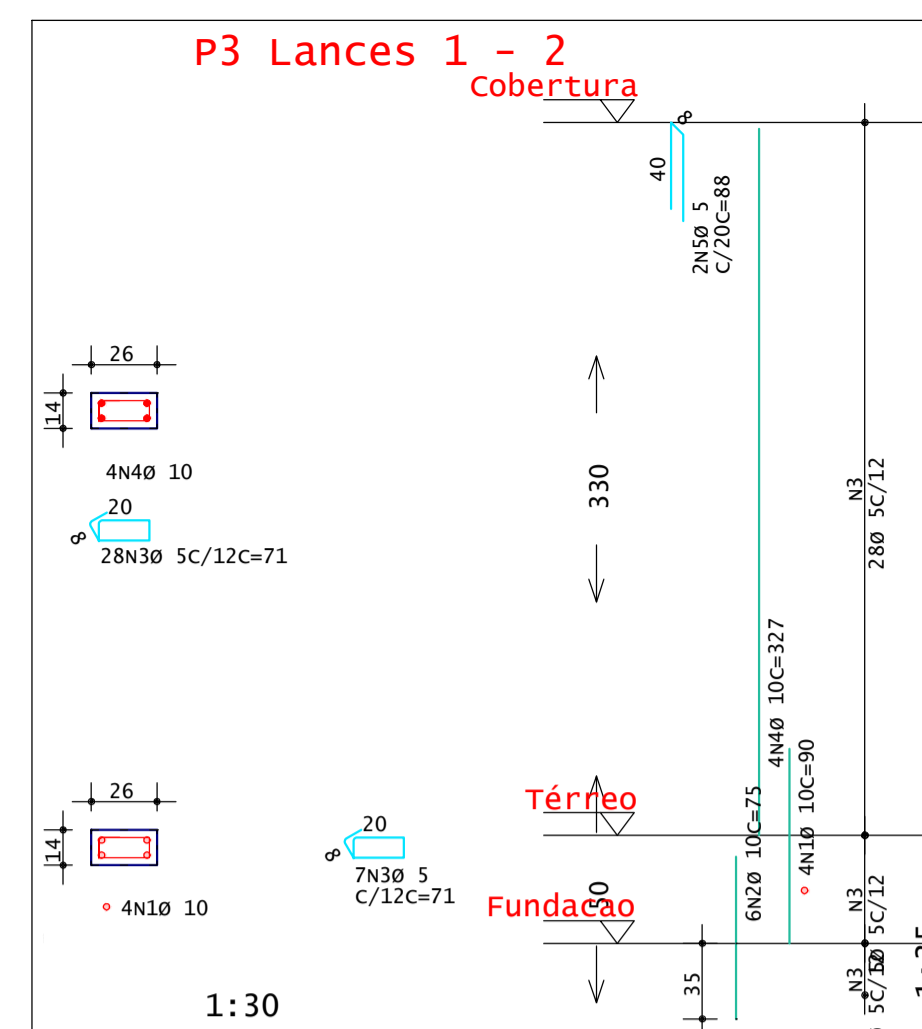
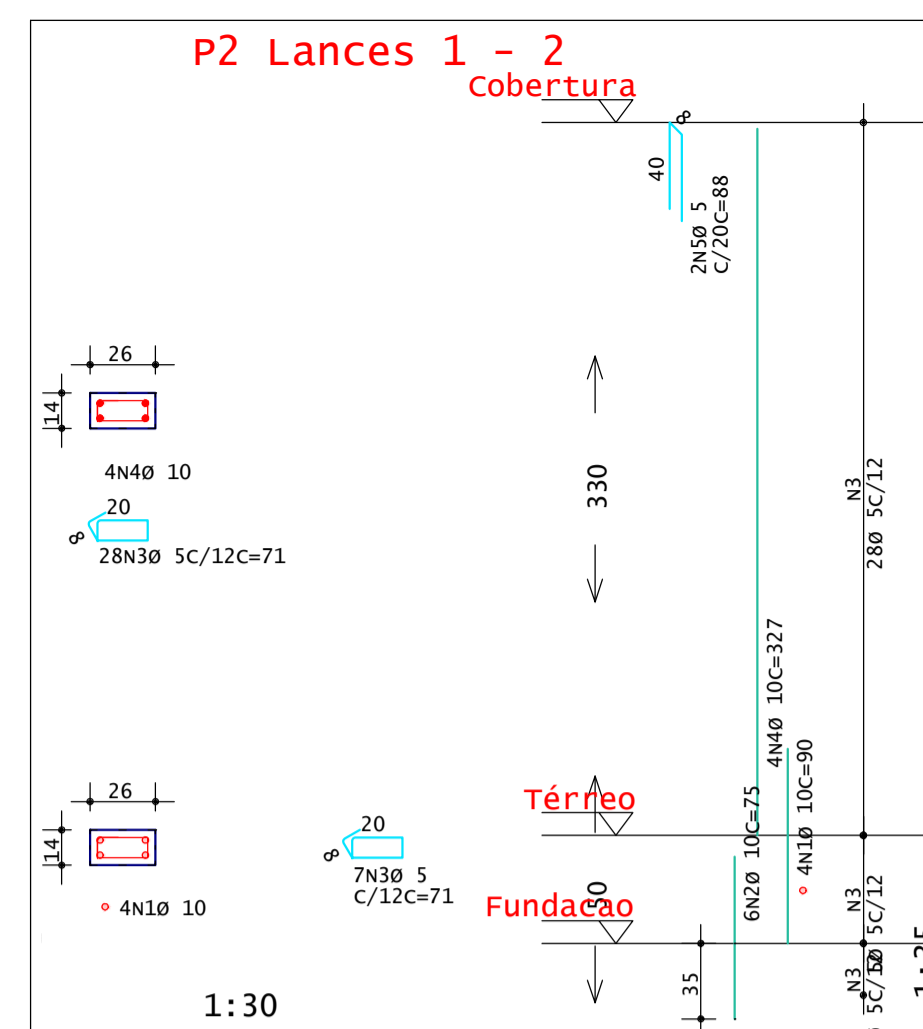
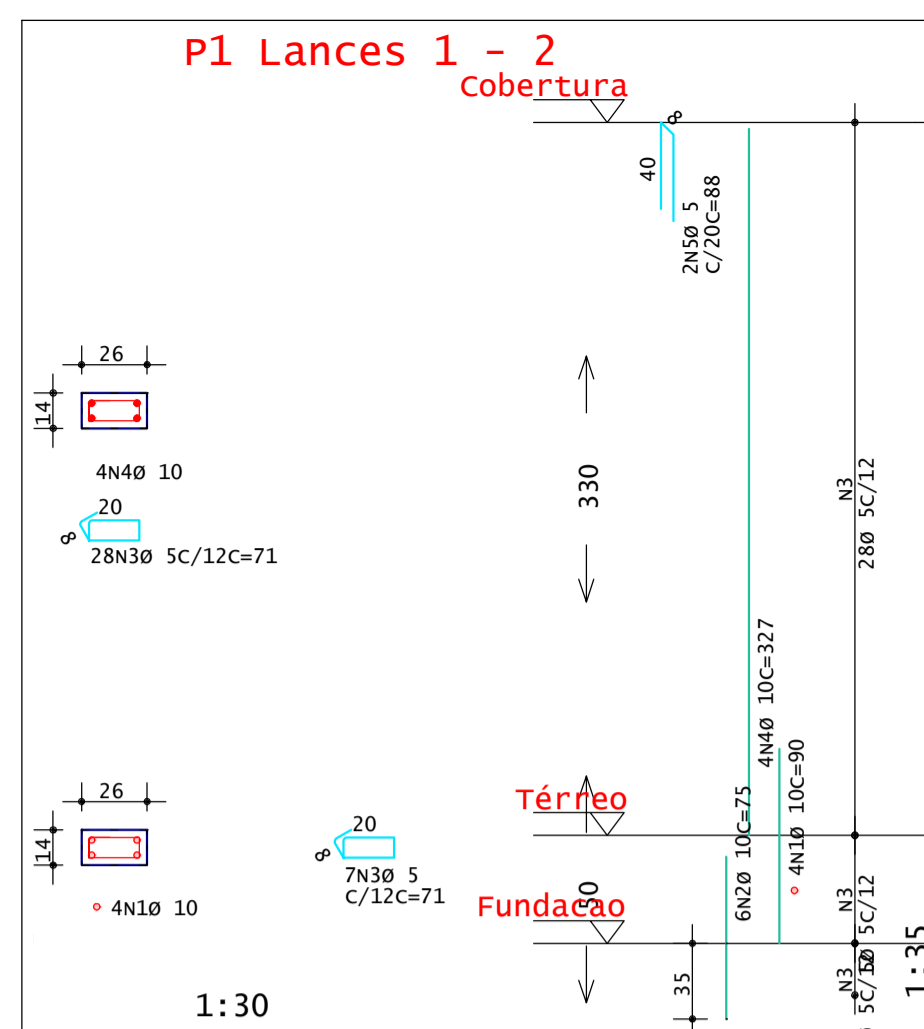
CONCRETO		OBRA N.º
fck =	MPa	0001
ECS =	Ver na planta	DES. N.º
CLIENTE		001
OBRA		REV. N.º
Prefeitura Municipal Rio Maria Administrativo do Parque		00
TITULO		
Planta de Forma - Fundação Corte A/A		
Planta Fundacao		
DATA	ESCALA	DESENHO
27/02/2026	1:50	ADM-FUN-FUN-001-R00
		COORD.
		ENG.º



AÇO	POS	BIT	QUANT	COMPRIMENTO		
				UNIT	TOTAL	
		mm		cm	cm	
S1	50A	1	10	7	102	714
	50A	2	10	7	100	700
S2	50A	1	10	7	102	714
	50A	2	10	7	100	700
S3	50A	1	10	7	102	714
	50A	2	10	7	100	700
S4	50A	1	10	7	102	714
	50A	2	10	7	100	700
S5	50A	1	10	7	102	714
	50A	2	10	7	100	700
S6	50A	1	10	7	102	714
	50A	2	10	7	100	700
S7	50A	1	10	7	102	714
	50A	2	10	7	100	700
S8	50A	1	10	7	102	714
	50A	2	10	7	100	700
S9	50A	1	10	7	100	700
	50A	2	10	7	102	714
S10	50A	1	10	7	102	714
	50A	2	10	7	100	700
S11	50A	1	10	7	102	714
	50A	2	10	7	100	700
S12	50A	1	10	7	102	714
	50A	2	10	7	100	700
S13	50A	1	10	7	102	714
	50A	2	10	7	100	700
S14	50A	1	10	7	100	700
	50A	2	10	7	102	714
S15	50A	1	10	7	102	714
	50A	2	10	7	100	700
S16	50A	1	10	7	107	749
	50A	2	10	7	100	700
S17	50A	1	10	7	102	714
	50A	2	10	7	100	700
S18	50A	1	10	7	102	714
	50A	2	10	7	100	700

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		m	kgf
50A	10	255	157
Peso Total		50A =	157 kgf

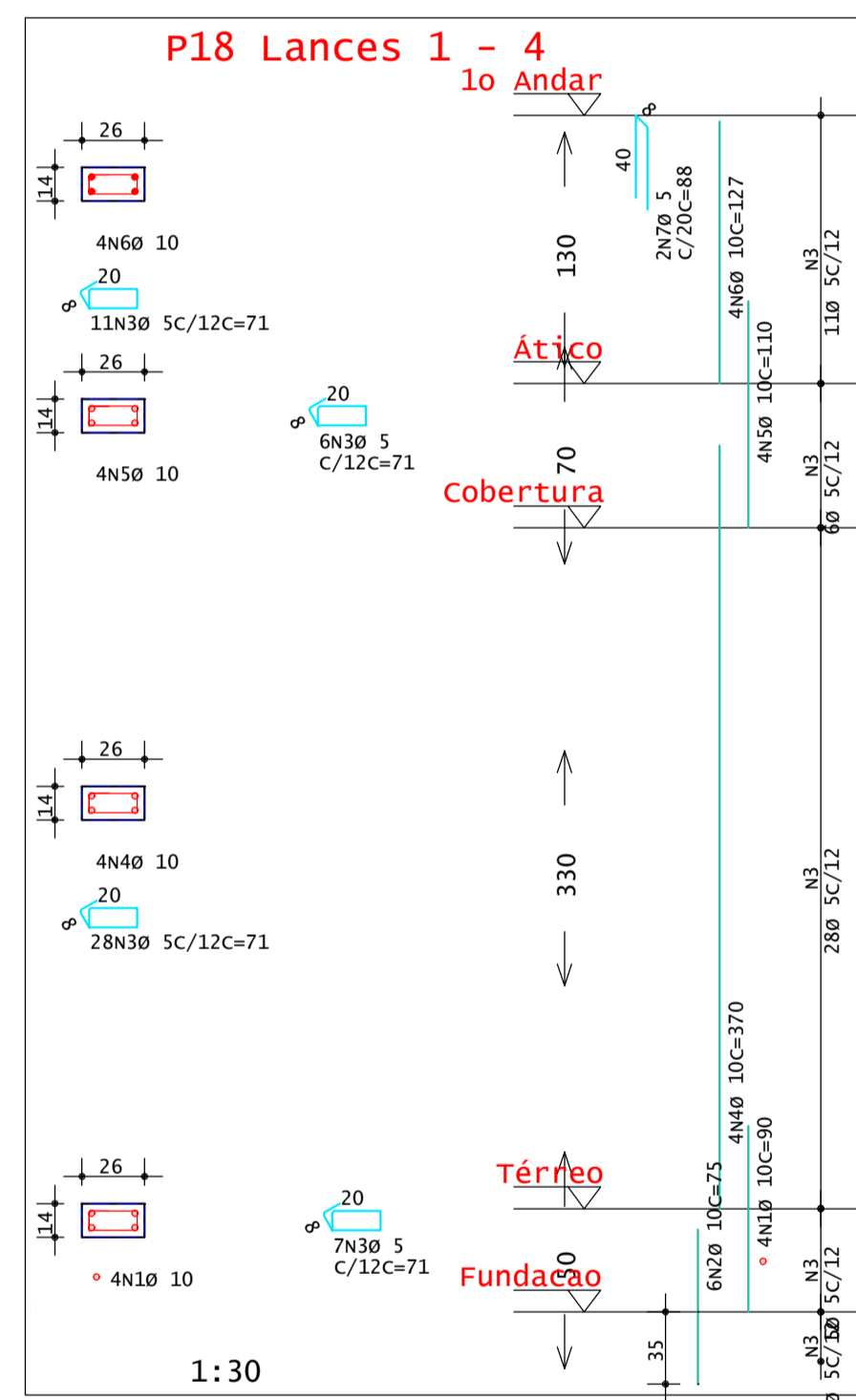
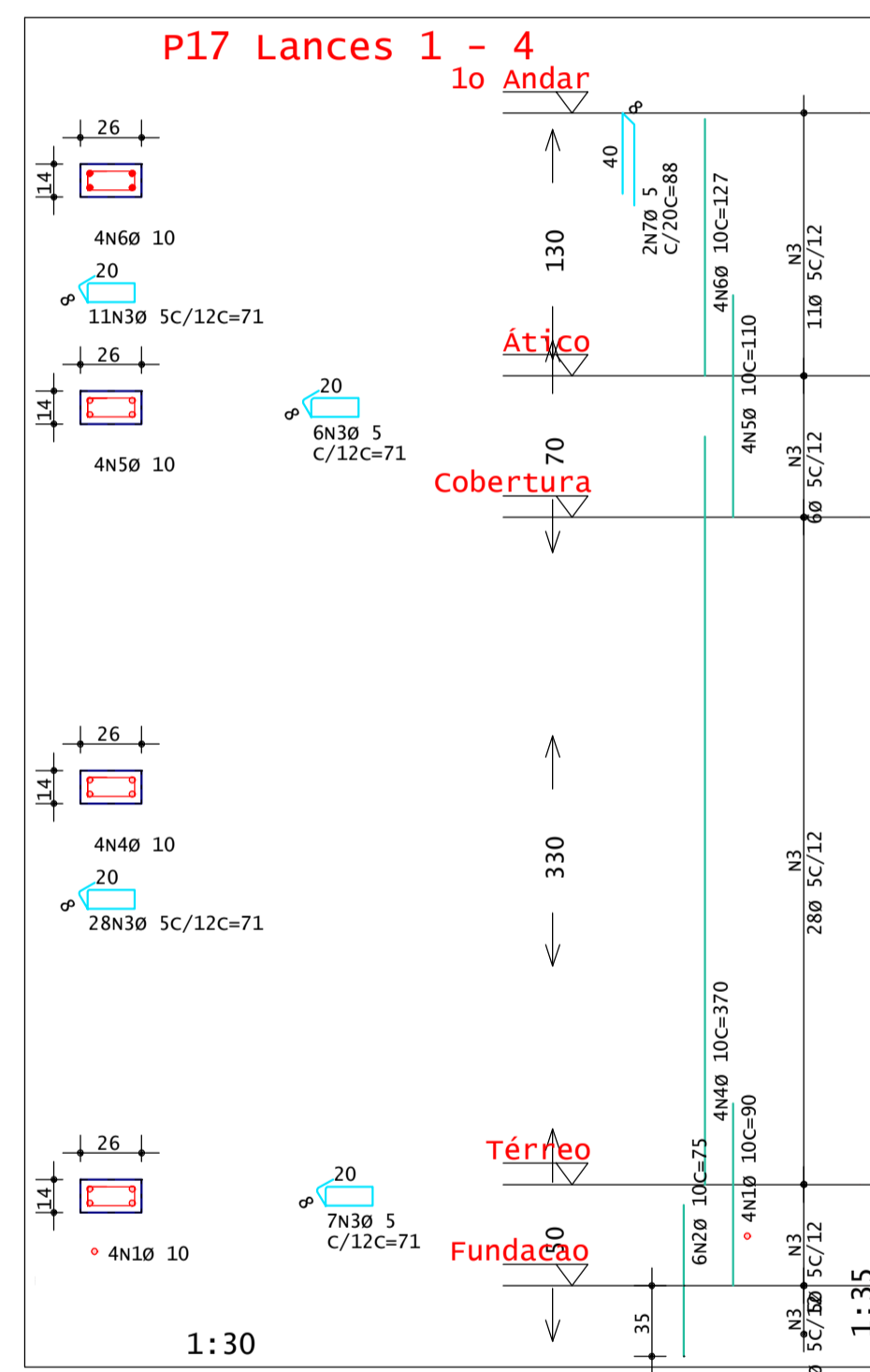
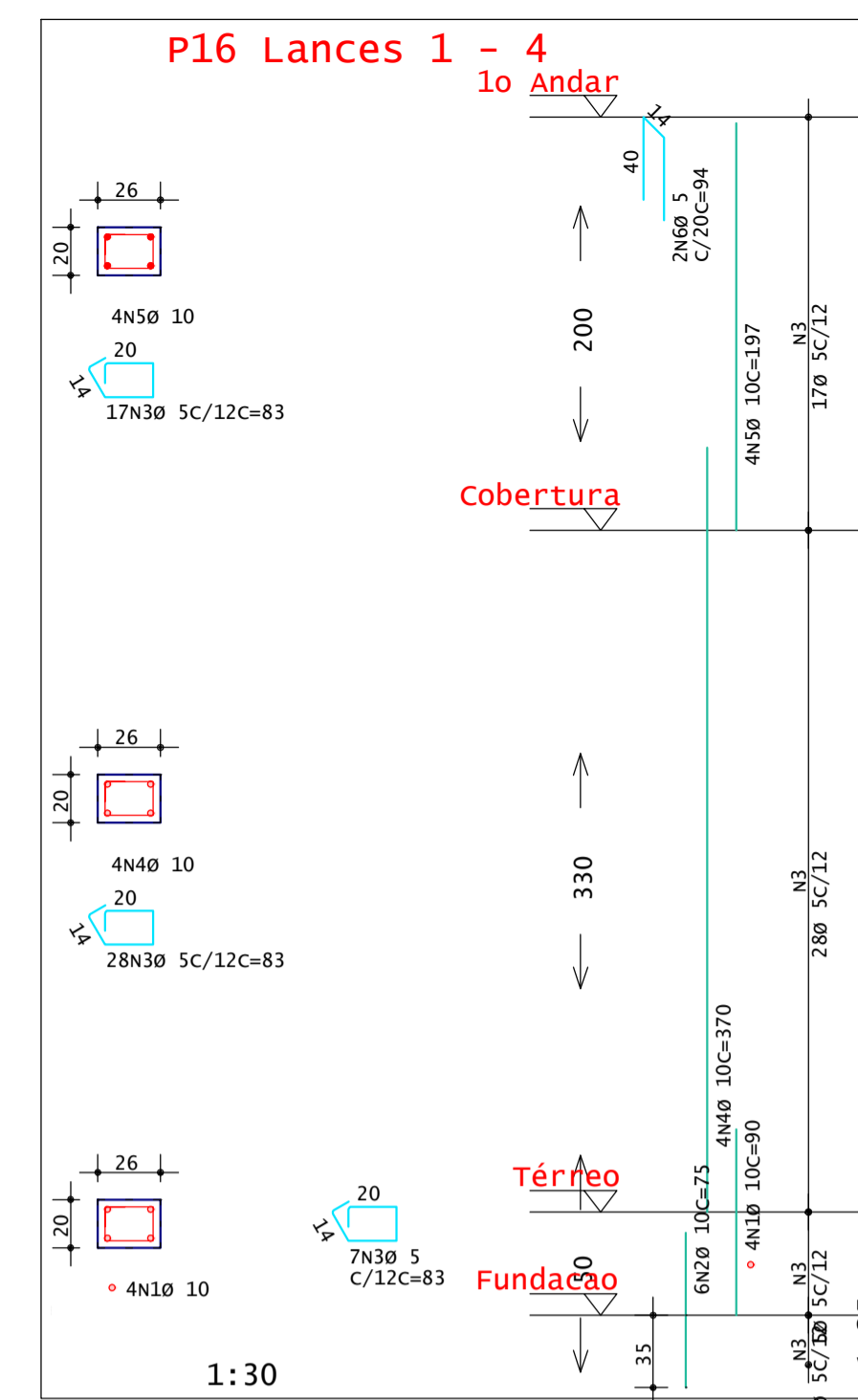
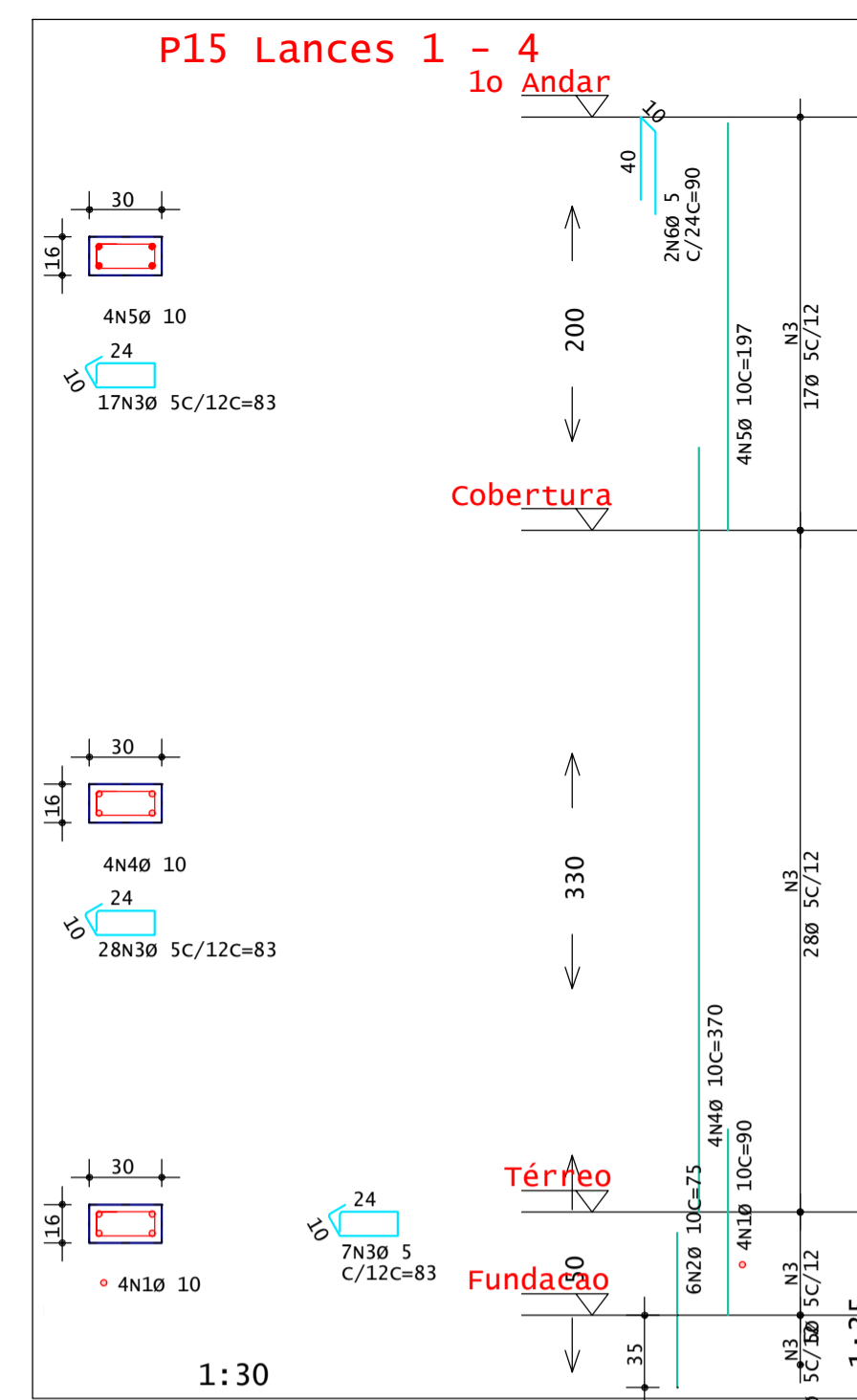
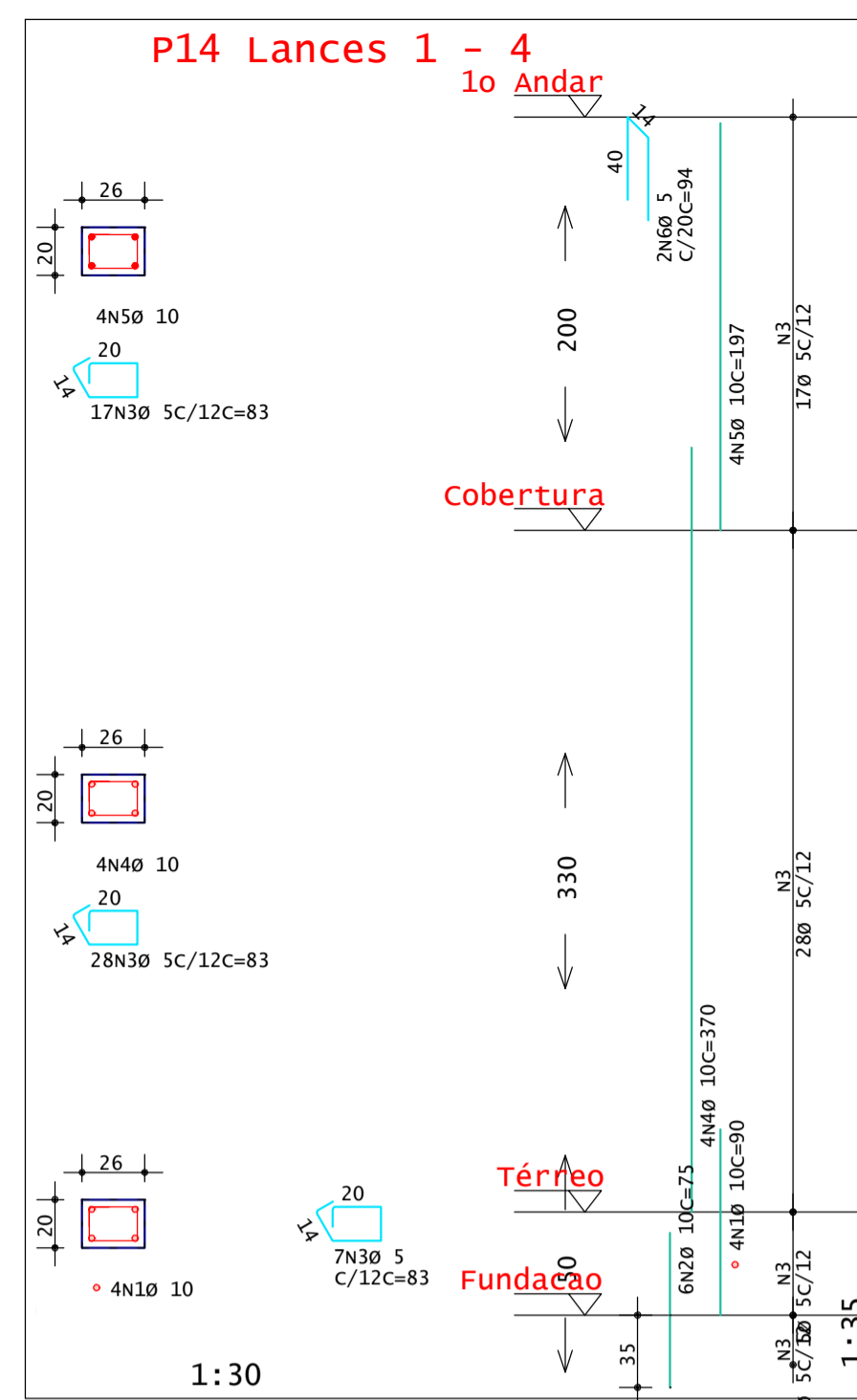
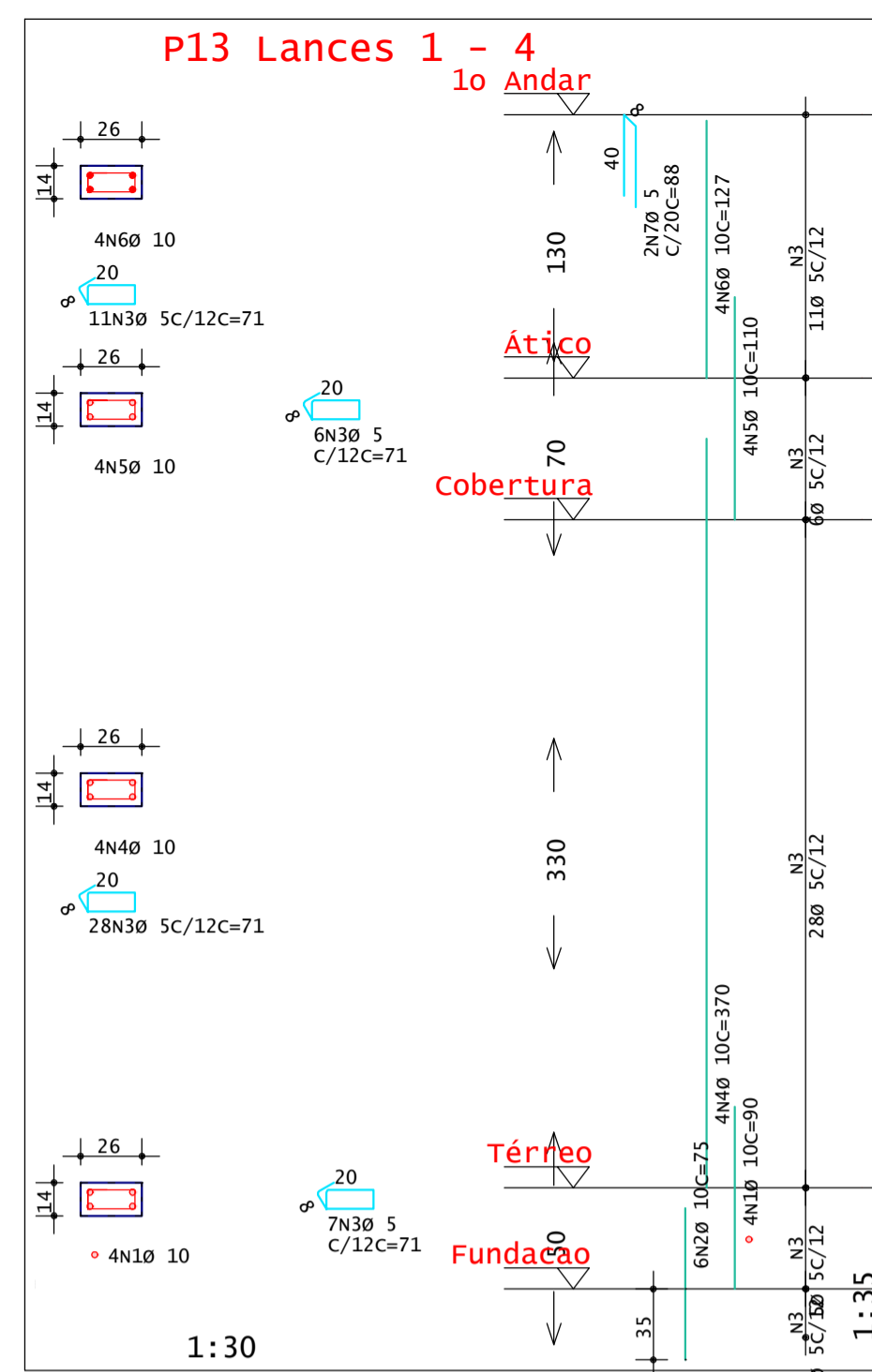
CONCRETO f <sub>ck</sub> = 25 MPa ECS = ver na planta	OBRA N.º <b>0001</b>
CLIENTE <b>Prefeitura Municipal Rio Maria</b>	DES. N.º <b>002</b>
OBRA <b>Administrativo do Parque</b>	REV. N.º <b>00</b>
TÍTULO <b>Detalhamento das Sapatas</b>	ENG.º
S1 / S2 / S3 / S4 / S5 / S6 / S7 / S8 / S9 / S10 / S11 / S12 / S13	
DATA: 27/02/2026	COORD.: ADM-FUN-FUN-002-R00



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
cm					
<b>P1 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P2 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P3 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P4 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P5 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P6 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P7 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P8 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P9 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P10 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P11 Lances 1 - 2</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	35	71	2485
50A	4	10	4	327	1308
60A	5	5	2	88	176
<b>P12 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	71	3692
50A	4	10	4	370	1480
50A	5	10	4	110	440
50A	6	10	4	127	508
60A	7	5	2	88	176

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
mm			m
kgf			kgf
60A	5	331	51
50A	10	265	164
Peso Total 60A =			51 kgf
Peso Total 50A =			164 kgf

CONCRETO fck = 25 MPA ECS = ver na Planta	OBRA N.º <b>0001</b>
CLIENTE <b>Prefeitura Municipal Rio Maria</b>	DES. N.º <b>003</b>
OBRA <b>Administrativo do Parque</b>	REV. N.º <b>00</b>
TÍTULO <b>Detalhamento dos Pilares</b>	ENG.º
P1 Lances 1 - 2 / P2 Lances 1 - 2 / P3 Lances 1 - 2 / P4 Lances 1 - 2 / P5 Lances 1 - 2 / P6 Lances 1 - 2 / P7 Lances 1 - 2 / P8 Lances 1 - 2 / P9 Lances 1 - 2 / P10 Lances 1 - 2 / P11 Lances 1 - 2 / P12 Lances 1 - 4	
DATA: 27/02/2025	COORD.:



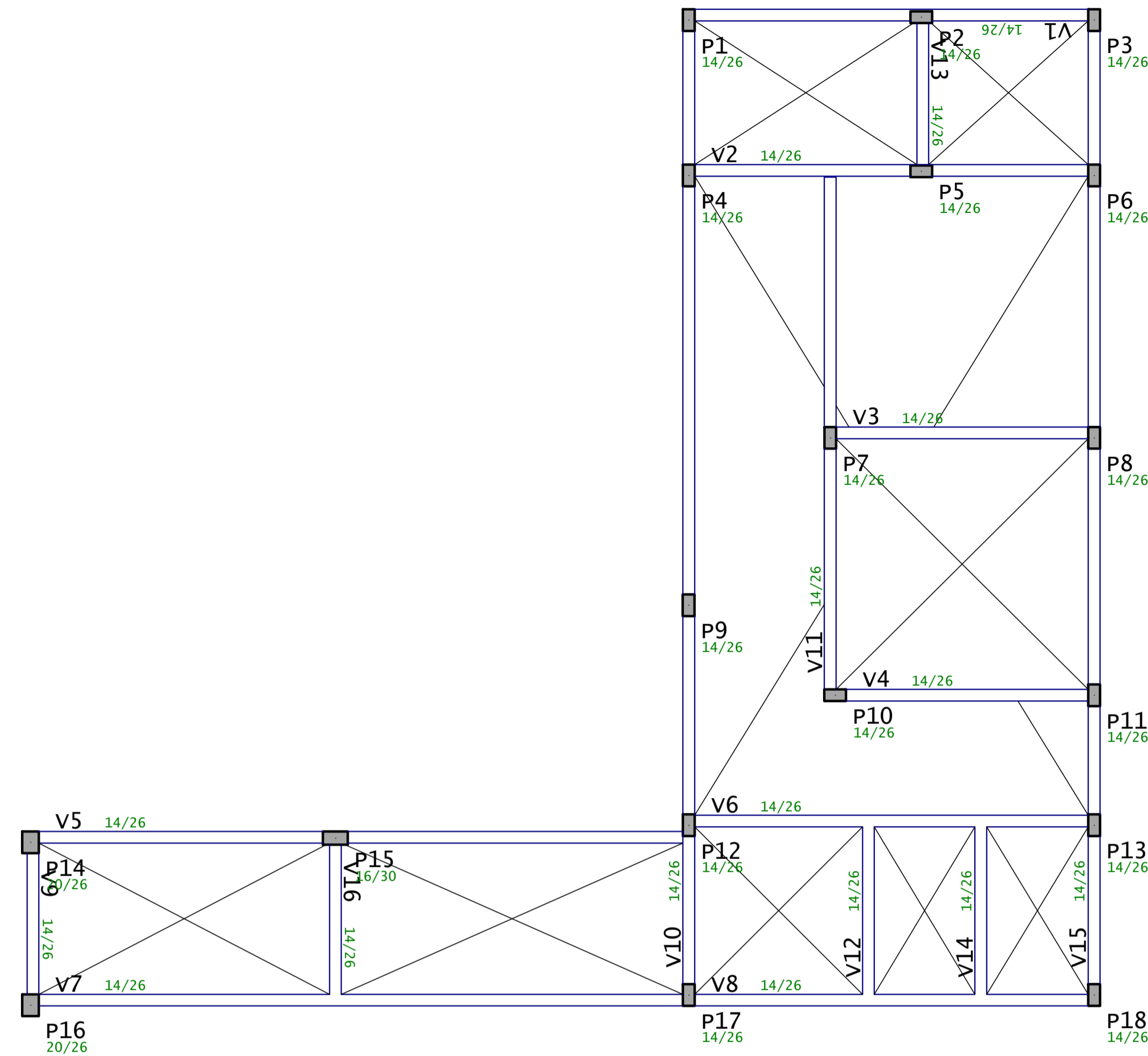
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
<b>P13 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	71	3692
50A	4	10	4	370	1480
50A	5	10	4	110	440
50A	6	10	4	127	508
60A	7	5	2	88	176
<b>P14 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	83	4316
50A	4	10	4	370	1480
50A	5	10	4	197	788
60A	6	5	2	94	188
<b>P15 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	83	4316
50A	4	10	4	370	1480
50A	5	10	4	197	788
60A	6	5	2	90	180
<b>P16 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	83	4316
50A	4	10	4	370	1480
50A	5	10	4	197	788
60A	6	5	2	94	188
<b>P17 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	71	3692
50A	4	10	4	370	1480
50A	5	10	4	110	440
50A	6	10	4	127	508
60A	7	5	2	88	176
<b>P18 Lances 1 - 4</b>					
50A	1	10	4	90	360
50A	2	10	6	75	450
60A	3	5	52	71	3692
50A	4	10	4	370	1480
50A	5	10	4	110	440
50A	6	10	4	127	508
60A	7	5	2	88	176

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		mm	kgf
60A	5	251	39
50A	10	189	117
<b>Peso Total</b>		<b>60A =</b>	<b>39 kgf</b>
<b>Peso Total</b>		<b>50A =</b>	<b>117 kgf</b>

CONCRETO fck = 25 MPA ECS = Ver na Planta		OBRA N.º <b>0001</b>
CLIENTE <b>Prefeitura Municipal Rio Maria</b> <b>Administrativo do Parque</b>		DES. N.º <b>004</b>
TITULO <b>Detalhamento dos Pilares</b>		REV. N.º <b>00</b>
P13 Lances 1 - 4 / P14 Lances 1 - 4 / P15 Lances 1 - 4 / P16 Lances 1 - 4 / P17 Lances 1 - 4 / P18 Lances 1 - 4		ENG.º
DATA: 27/02/2024	ADM-FUN-FUN-004-R00	COORD.:

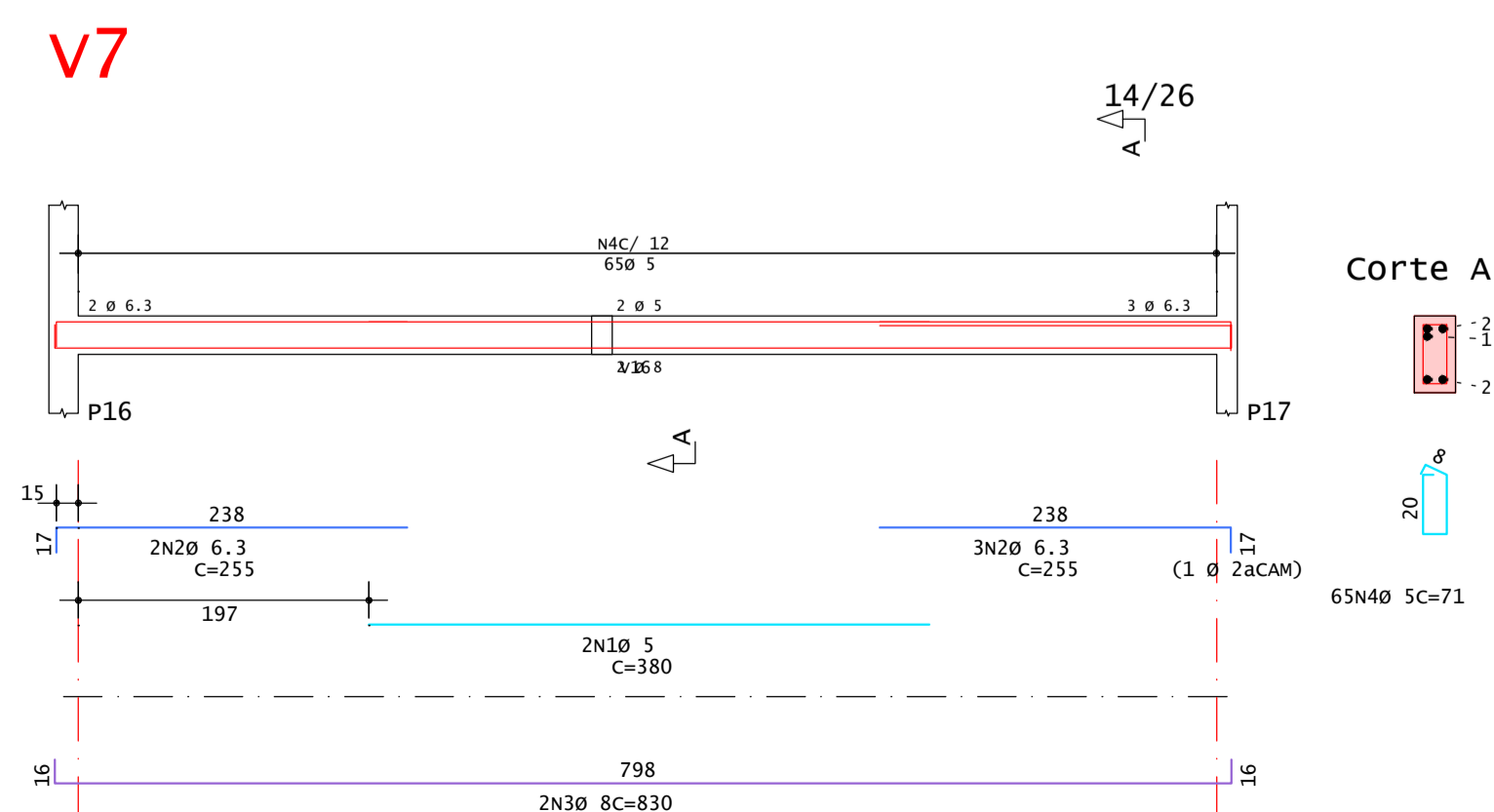
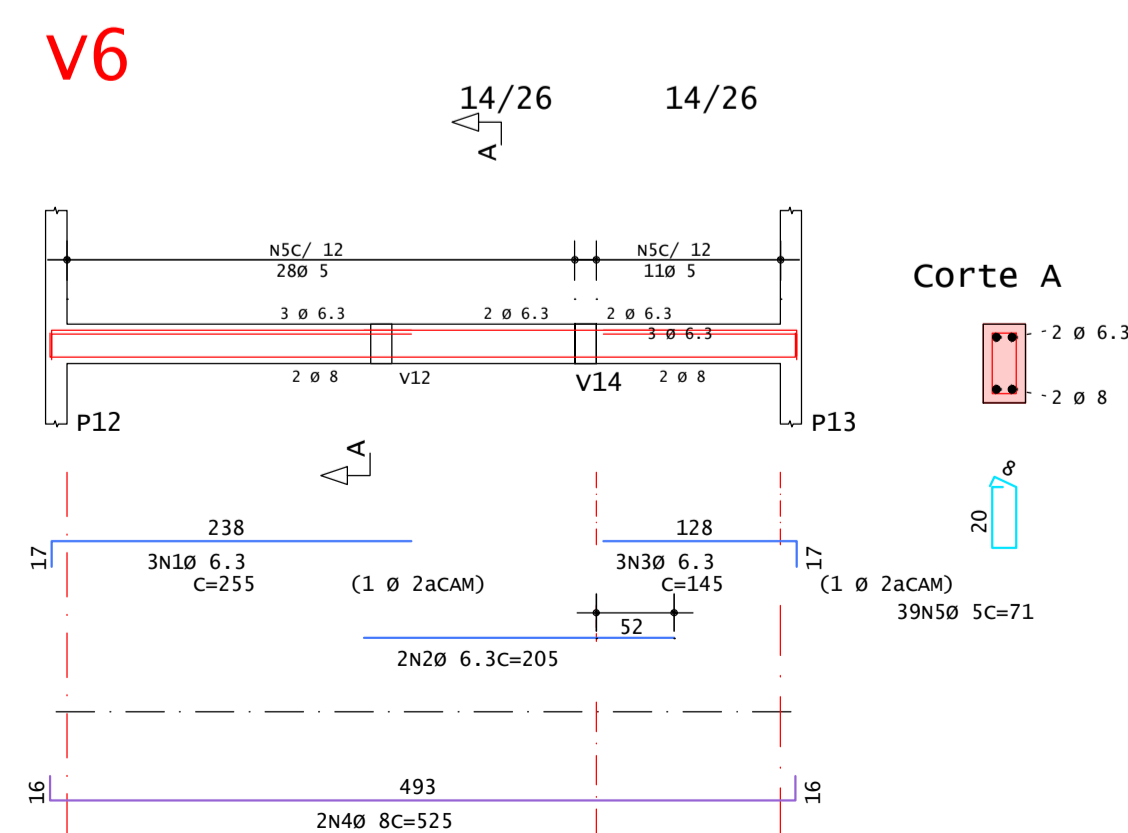
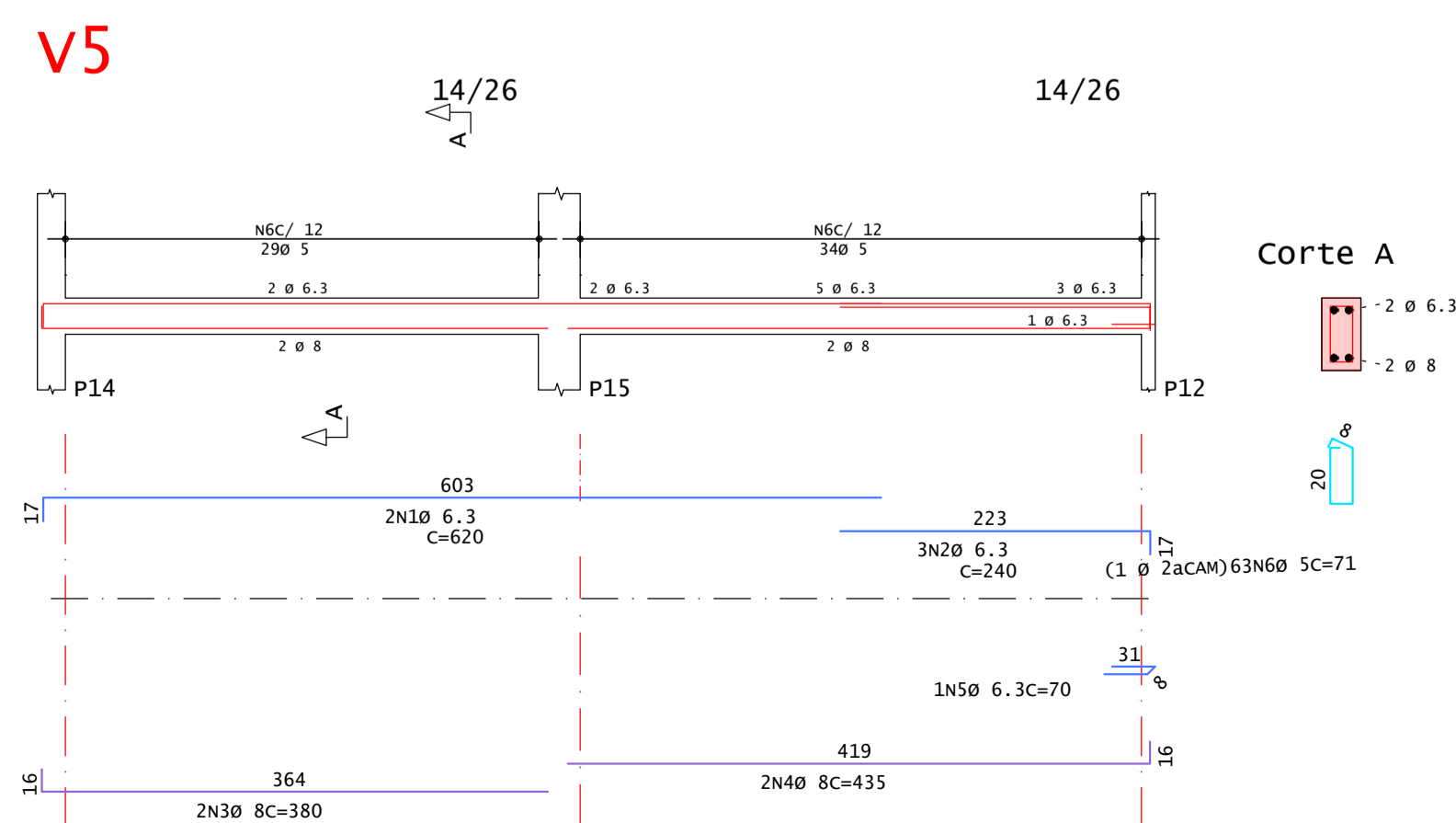
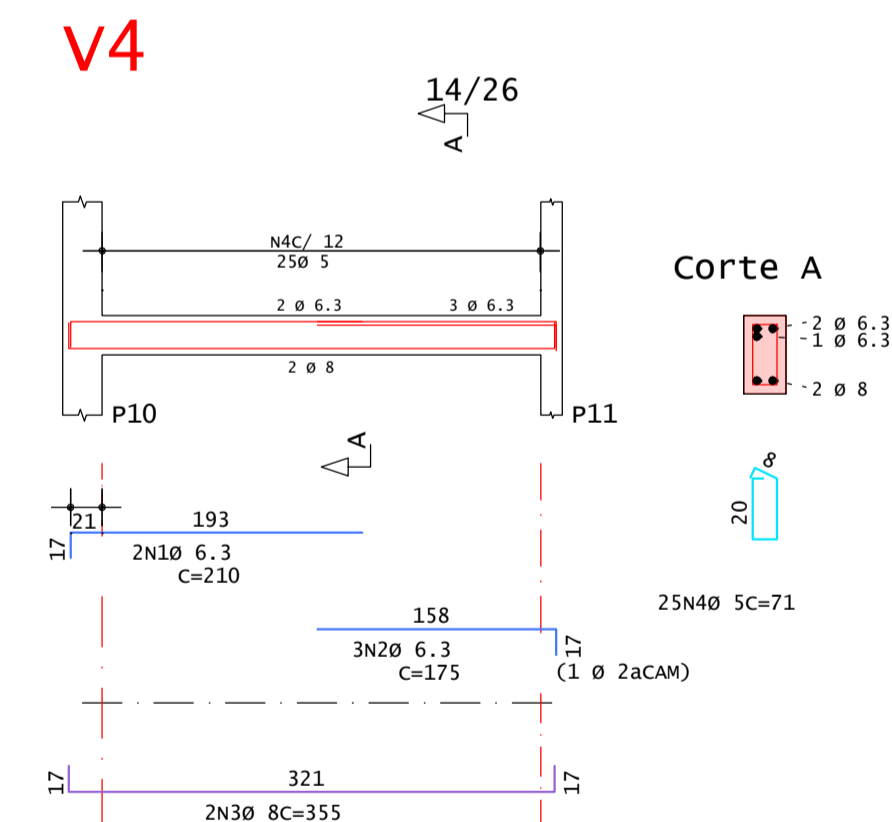
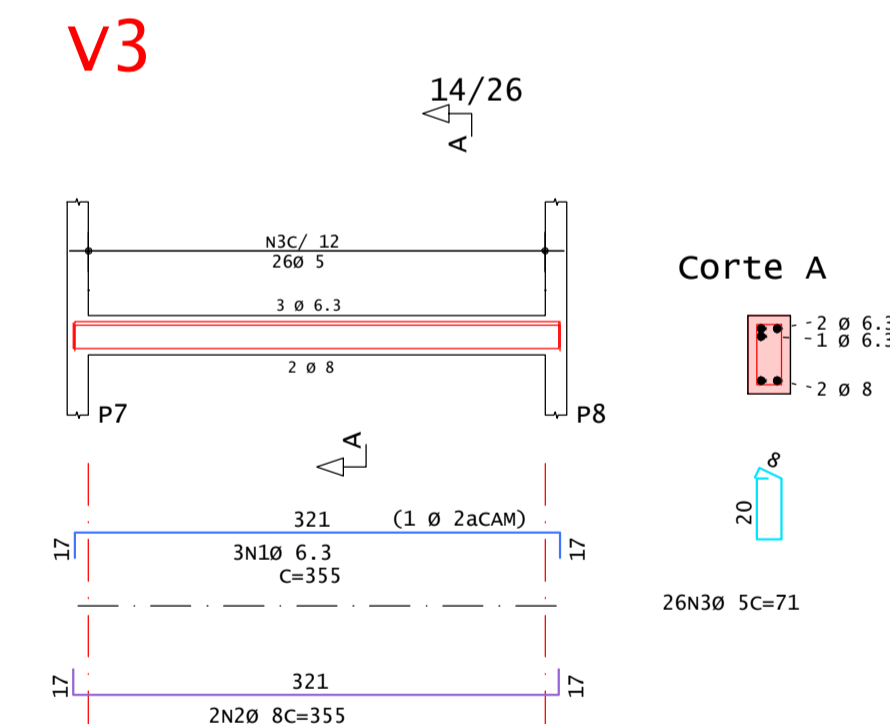
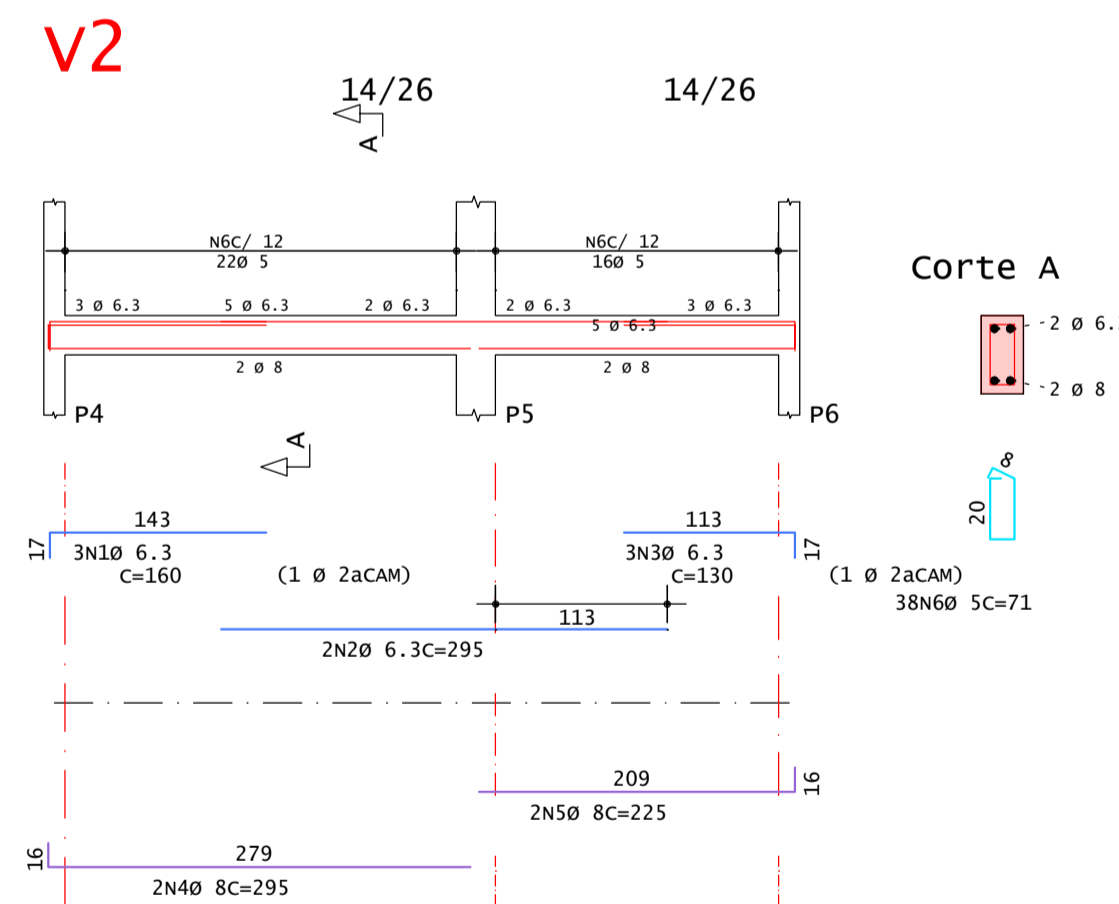
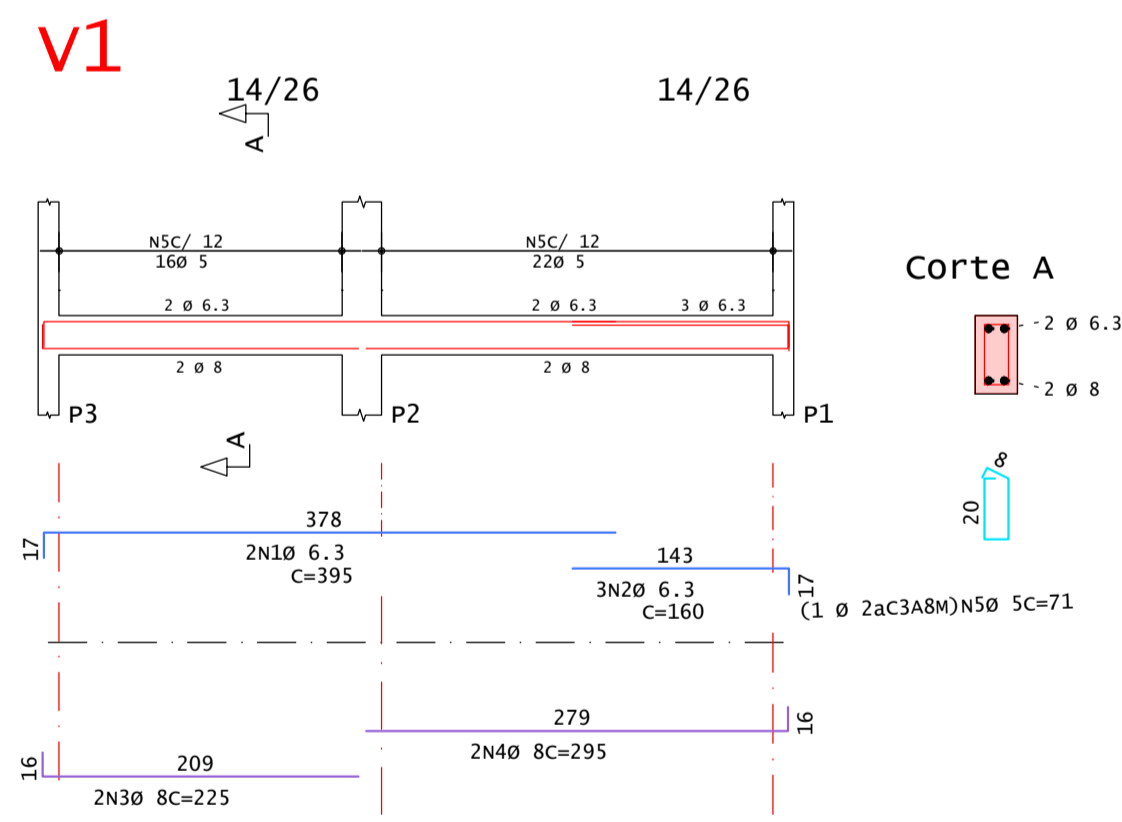
# Planta Térreo

Escala 1:50

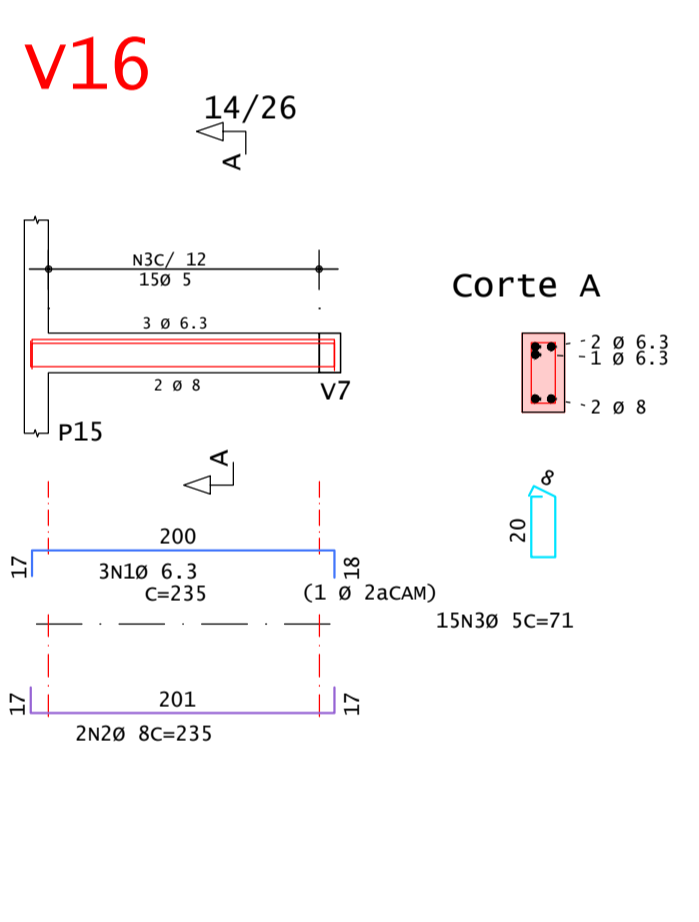
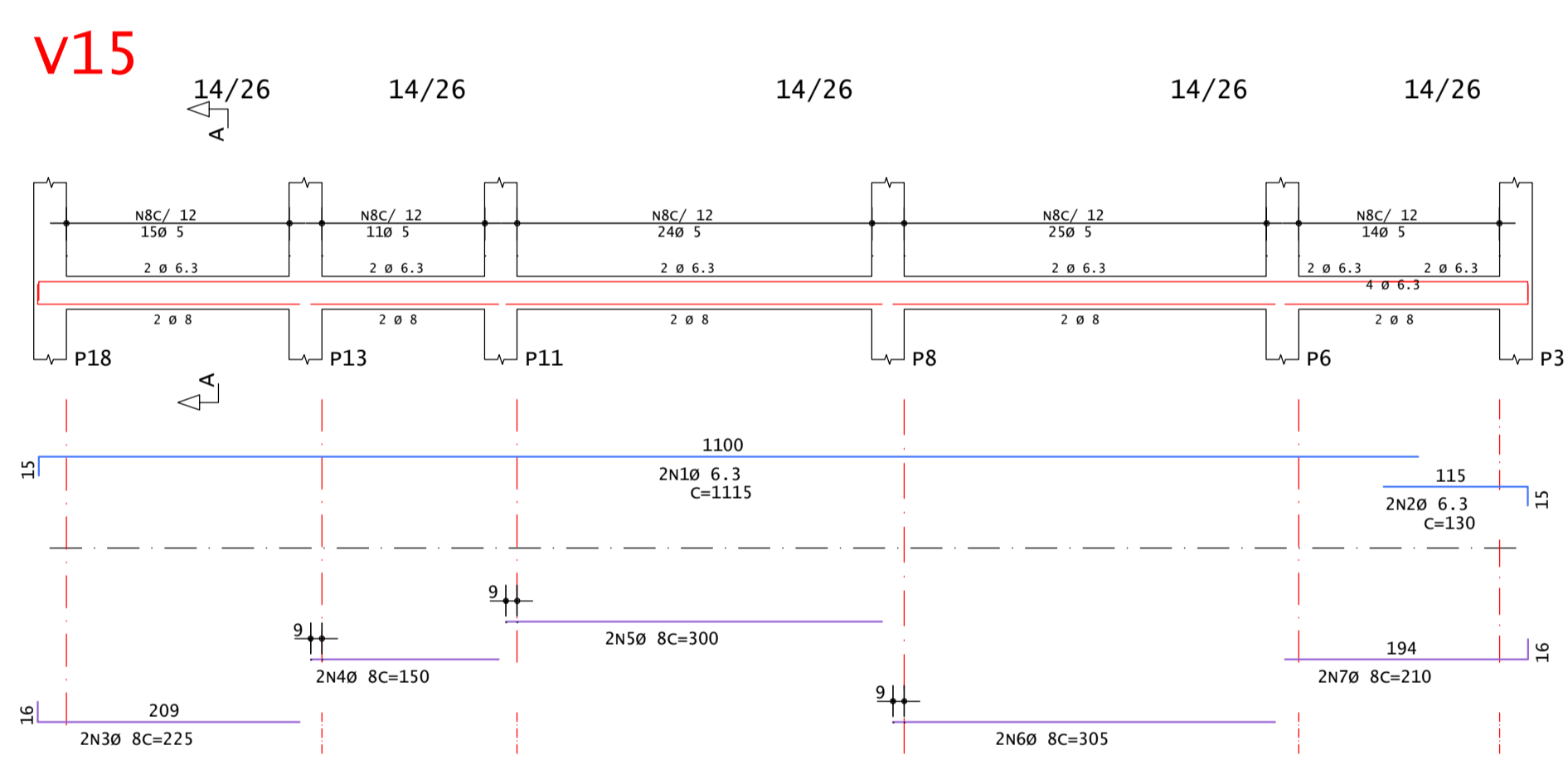
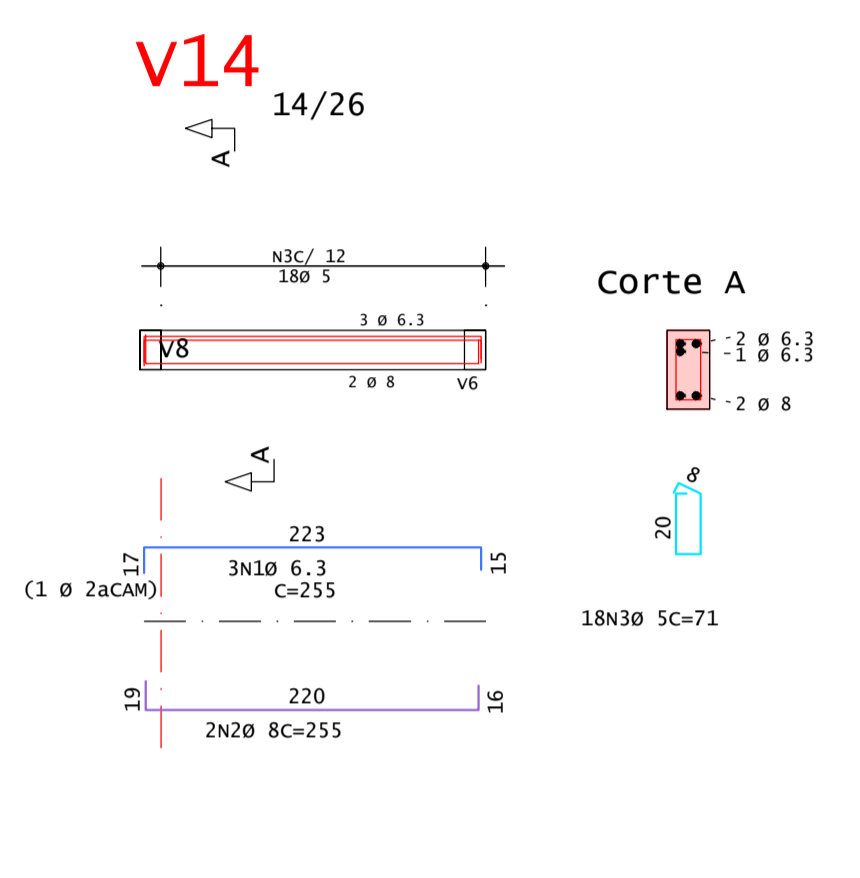
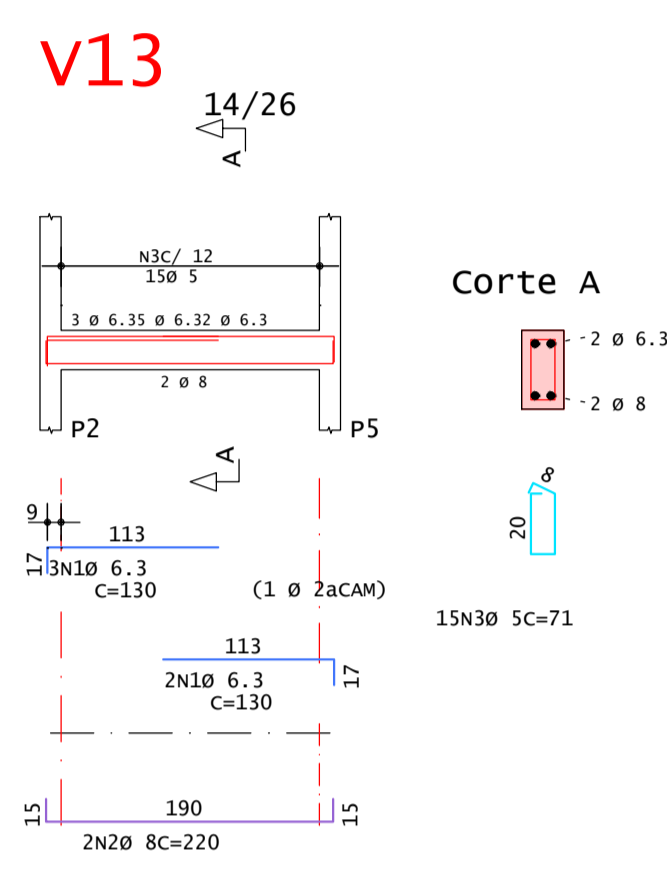
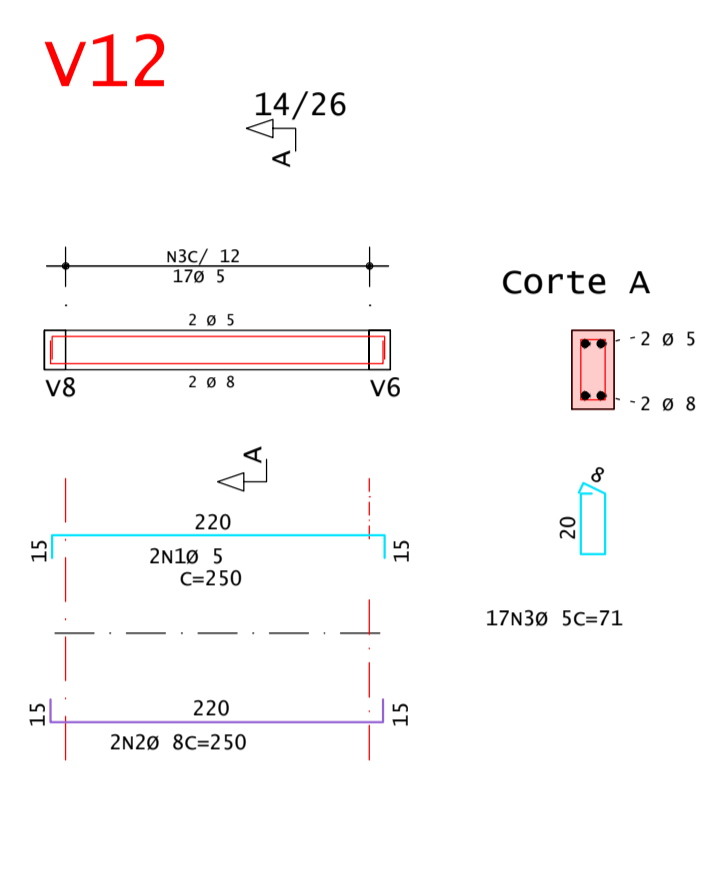
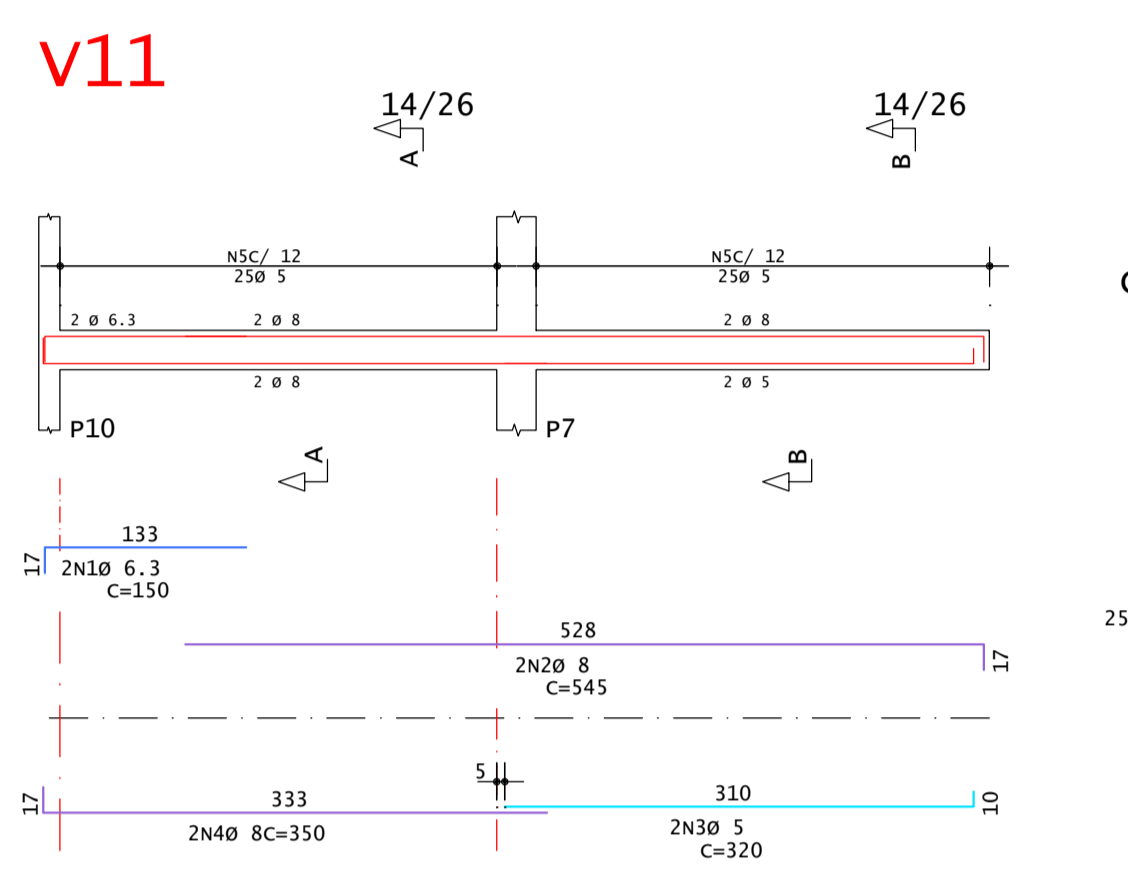
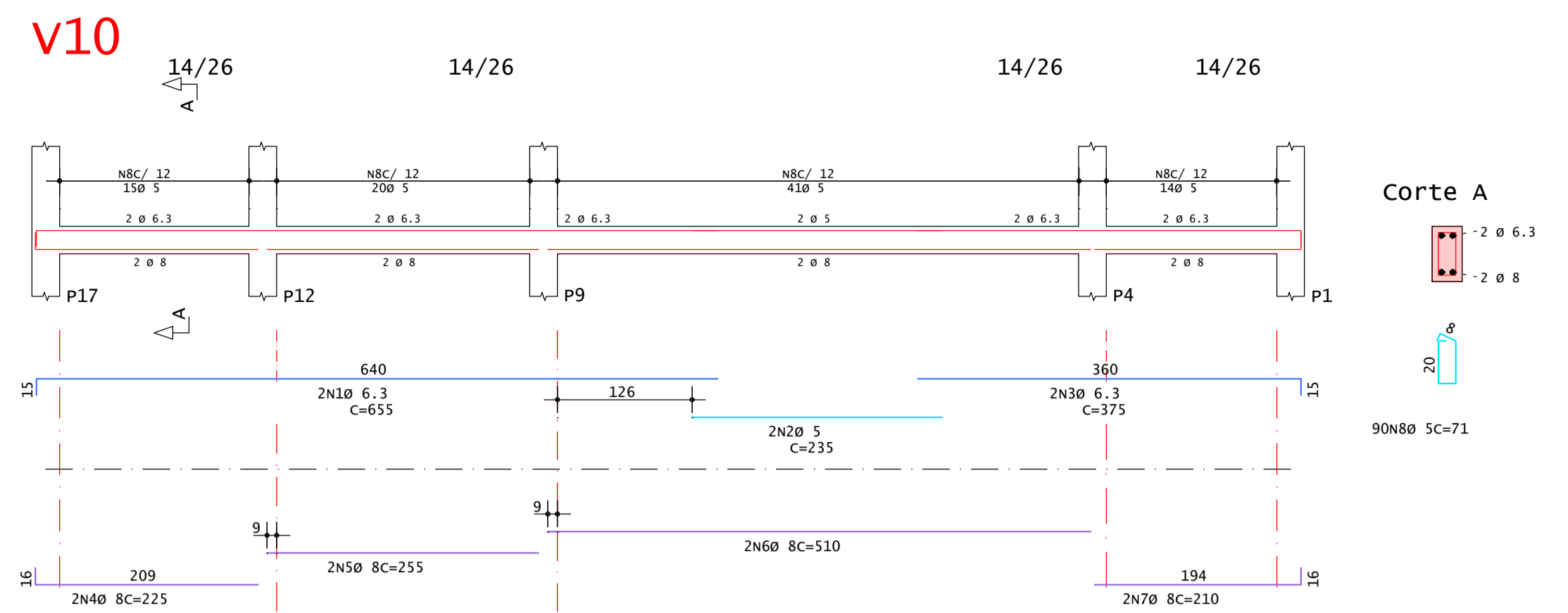
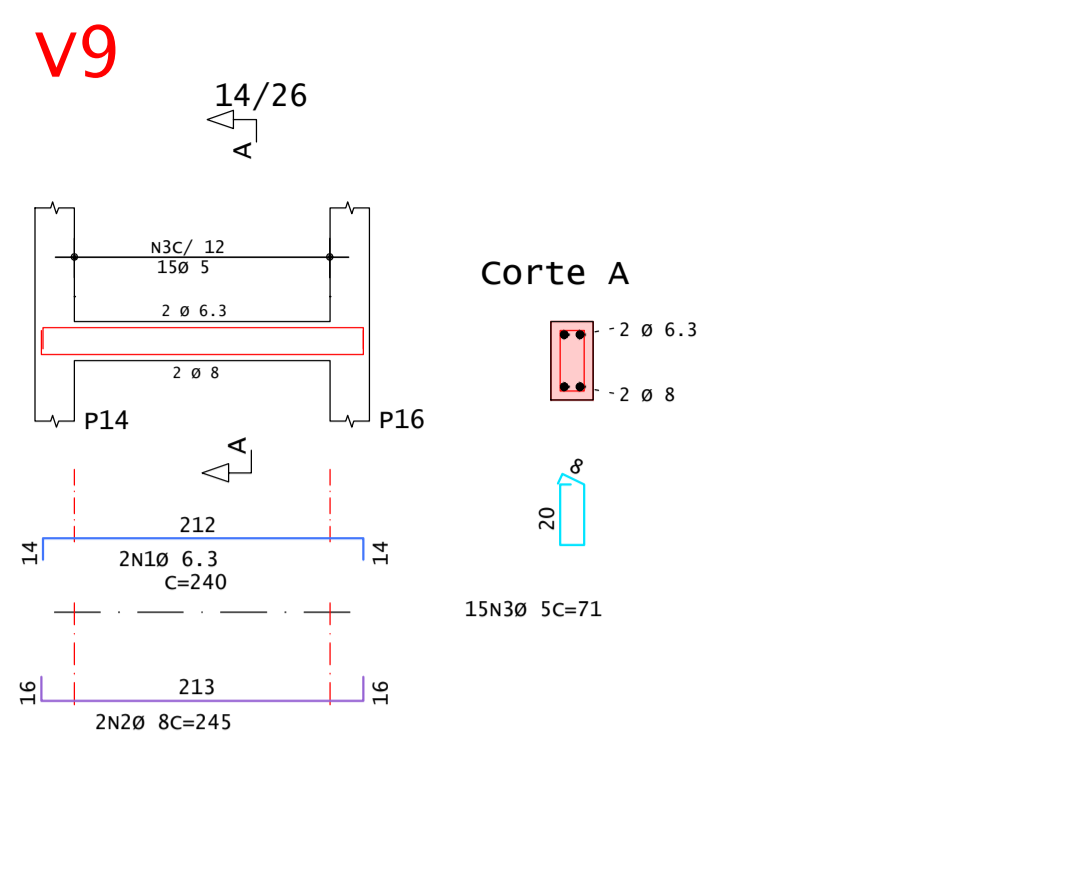
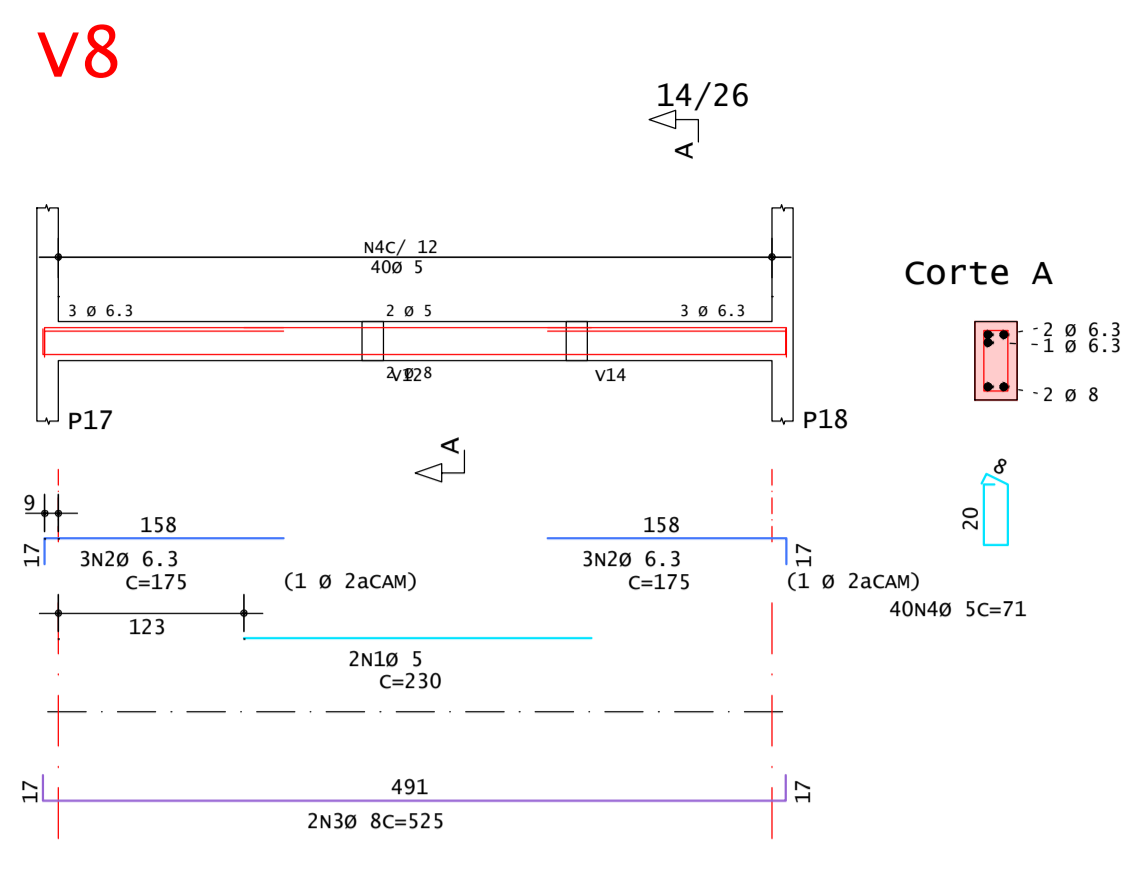


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
<b>V1</b>					
50A	1	6.3	2	395	790
50A	2	6.3	3	160	480
50A	3	8	2	225	450
50A	4	8	2	295	590
60A	5	5	38	71	2698
<b>V2</b>					
50A	1	6.3	3	160	480
50A	2	6.3	2	295	590
50A	3	6.3	3	130	390
50A	4	8	2	295	590
50A	5	8	2	225	450
60A	6	5	38	71	2698
<b>V3</b>					
50A	1	6.3	3	355	1065
50A	2	8	2	355	710
60A	3	5	26	71	1846
<b>V4</b>					
50A	1	6.3	2	210	420
50A	2	6.3	3	175	525
50A	3	8	2	355	710
60A	4	5	25	71	1775
<b>V5</b>					
50A	1	6.3	2	620	1240
50A	2	6.3	3	240	720
50A	3	8	2	380	760
50A	4	8	2	435	870
50A	5	6.3	1	70	70
60A	6	5	63	71	4473
<b>V6</b>					
50A	1	6.3	3	255	765
50A	2	6.3	2	205	410
50A	3	6.3	3	145	435
50A	4	8	2	525	1050
60A	5	5	39	71	2769
<b>V7</b>					
60A	1	5	2	380	760
50A	2	6.3	5	255	1275
50A	3	8	2	830	1660
60A	4	5	65	71	4615

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		mm	kgf
60A	5	216	33
50A	6.3	97	24
50A	8	78	31
Peso Total		60A =	33 kgf
Peso Total		50A =	55 kgf



CONCRETO	fck = 25 MPA	ECS = 24150 MPA	OBRA N.º	0001
CLIENTE			Prefeitura Municipal Rio Maria	
OBRA			Administrativo do Parque	
TÍTULO			Planta de Forma do Terreeo	
			Detalhamento das Vigas	
			REV. N.º	
			00	
DATA: 27/02/2026			ESCALA: 1:50	DESENHO: ADM-FUN-FUN-005-R00
			COORD.:	ENG.º



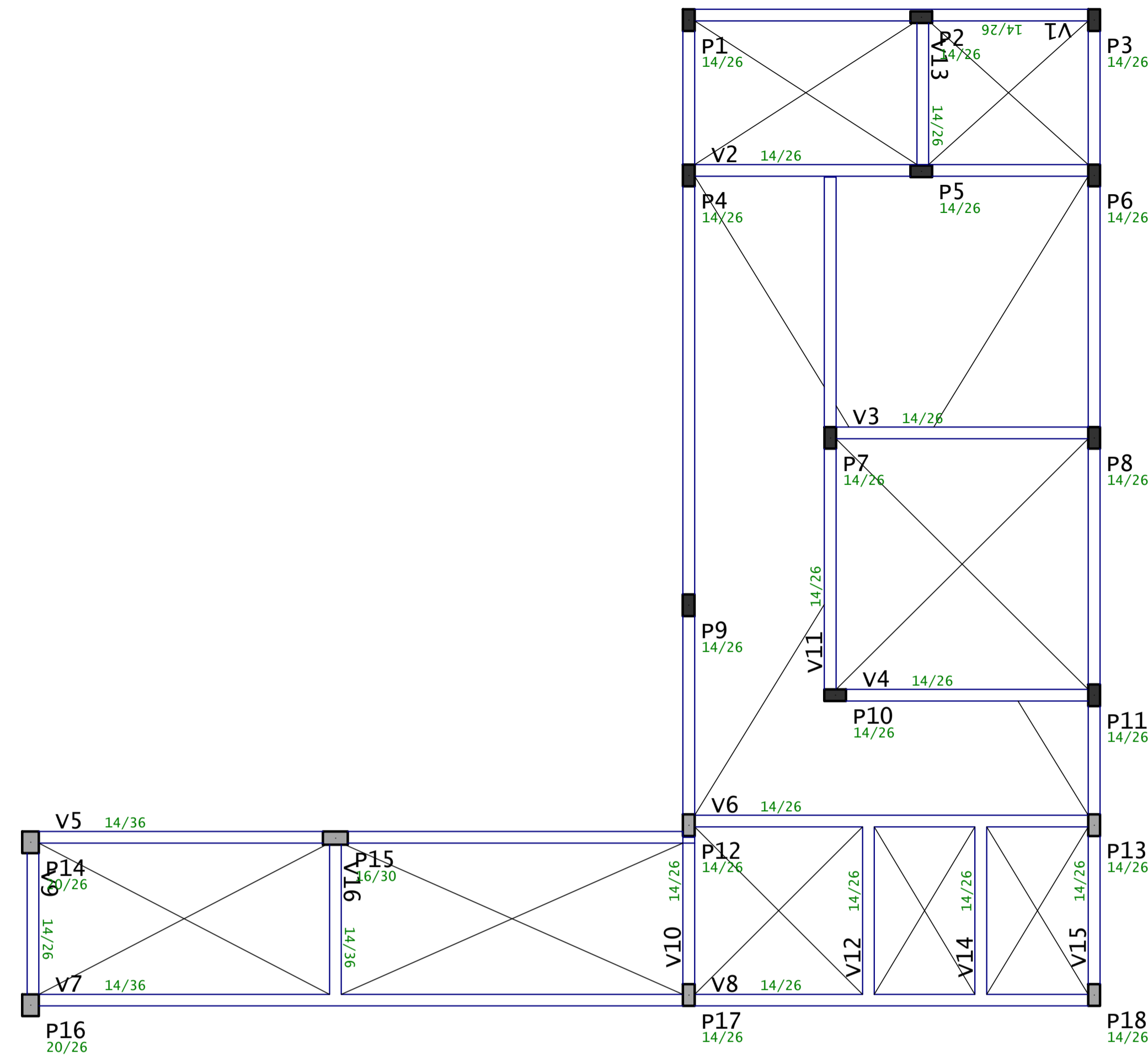
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
<b>V8</b>					
60A	1	5	2	230	460
50A	2	6.3	6	175	1050
50A	3	8	2	525	1050
60A	4	5	40	71	2840
<b>V9</b>					
50A	1	6.3	2	240	480
50A	2	8	2	245	490
60A	3	5	15	71	1065
<b>V10</b>					
50A	1	6.3	2	655	1310
60A	2	5	2	235	470
50A	3	6.3	2	375	750
50A	4	8	2	225	450
50A	5	8	2	255	510
50A	6	8	2	510	1020
50A	7	8	2	210	420
60A	8	5	90	71	6390
<b>V11</b>					
50A	1	6.3	2	150	300
50A	2	8	2	545	1090
60A	3	5	2	320	640
50A	4	8	2	350	700
60A	5	5	50	71	3550
<b>V12</b>					
60A	1	5	2	250	500
50A	2	8	2	250	500
60A	3	5	17	71	1207
<b>V13</b>					
50A	1	6.3	5	130	650
50A	2	8	2	220	440
60A	3	5	15	71	1065
<b>V14</b>					
50A	1	6.3	3	255	765
50A	2	8	2	255	510
60A	3	5	18	71	1278
<b>V15</b>					
50A	1	6.3	2	1115	2230
50A	2	6.3	2	130	260
50A	3	8	2	225	450
50A	4	8	2	150	300
50A	5	8	2	300	600
50A	6	8	2	305	610
50A	7	8	2	210	420
60A	8	5	89	71	6319
<b>V16</b>					
50A	1	6.3	3	235	705
50A	2	8	2	235	470
60A	3	5	15	71	1065

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	268	41
50A	6.3	85	21
50A	8	100	40
Peso Total 60A =			41 kgf
Peso Total 50A =			60 kgf

CONCRETO		fck = 25 MPA		ECS = 24150 MPA		OBRA N.º		0001			
CLIENTE		Prefeitura Municipal Rio Maria						DES. N.º		006	
TÍTULO		Administrativo do Parque						REV. N.º		00	
		Detalhamento das Vigas									
		v8 / v9 / v10 / v11 / v12 / v13 / v14 / v15 / v16									
DATA	27/02/2026	ESCALA	1:50	DESENHO	ADM-FUN-FUN-006-R00	COORD.		ENG.º			

# Planta Cobertura

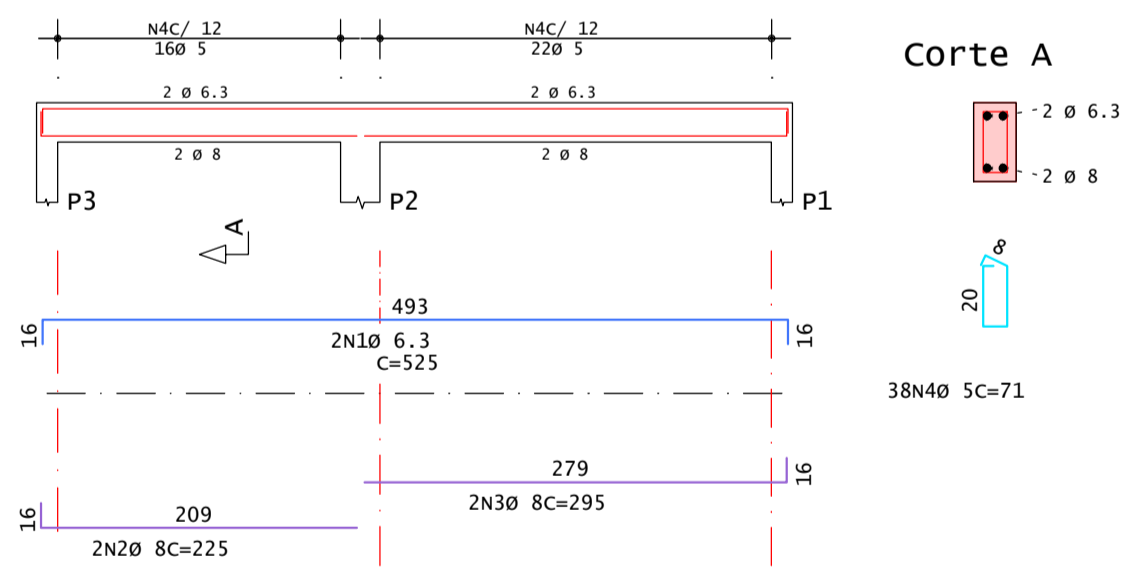
Escala 1:50



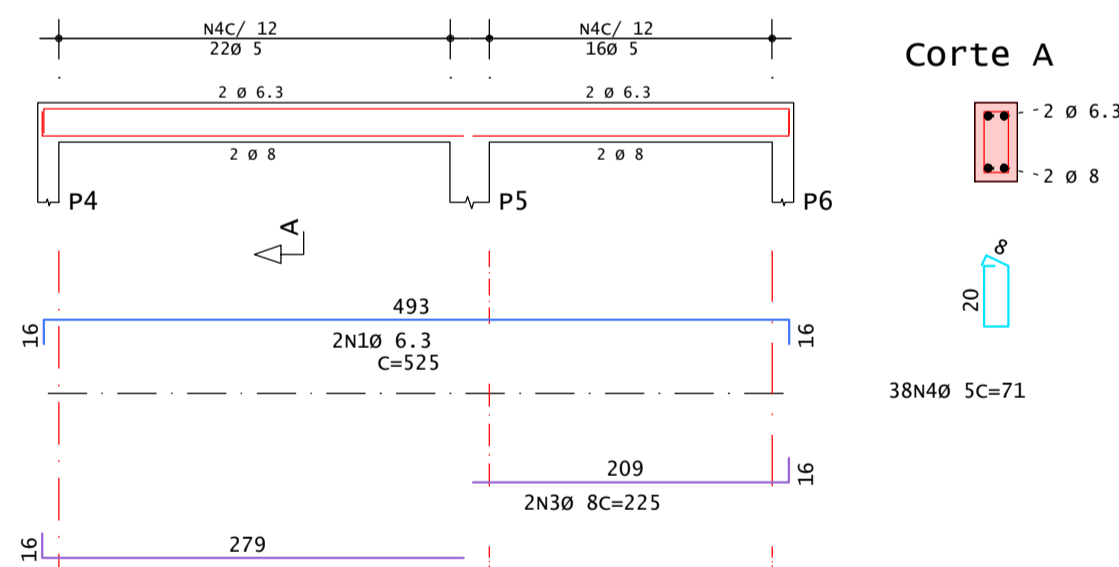
VIGAS	AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
					UNIT cm	TOTAL cm
V1	50A	1	6.3	2	525	1050
	50A	2	8	2	225	450
	50A	3	8	2	295	590
	60A	4	5	38	71	2698
V2	50A	1	6.3	2	525	1050
	50A	2	8	2	295	590
	50A	3	8	2	225	450
	60A	4	5	38	71	2698
V3	60A	1	5	2	205	410
	50A	2	6.3	6	105	630
	50A	3	8	2	355	710
	60A	4	5	26	71	1846
V4	50A	1	6.3	2	205	410
	50A	2	6.3	3	185	555
	50A	3	8	2	355	710
	60A	4	5	25	71	1775
V5	50A	1	8	2	630	1260
	50A	2	8	3	255	765
	50A	3	8	2	385	770
	50A	4	8	2	440	880
	50A	5	6.3	1	70	70
	60A	6	5	42	91	3822
V6	60A	1	5	2	265	530
	50A	2	6.3	3	175	525
	50A	3	6.3	3	130	390
	50A	4	8	2	525	1050
	60A	5	5	40	71	2840
V7	60A	1	5	2	485	970
	50A	2	8	5	210	1050
	50A	3	8	2	840	1680
	60A	4	5	43	91	3913

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	215	33
50A	6.3	47	11
50A	8	110	43
Peso Total		60A =	33 kgf
Peso Total		50A =	55 kgf

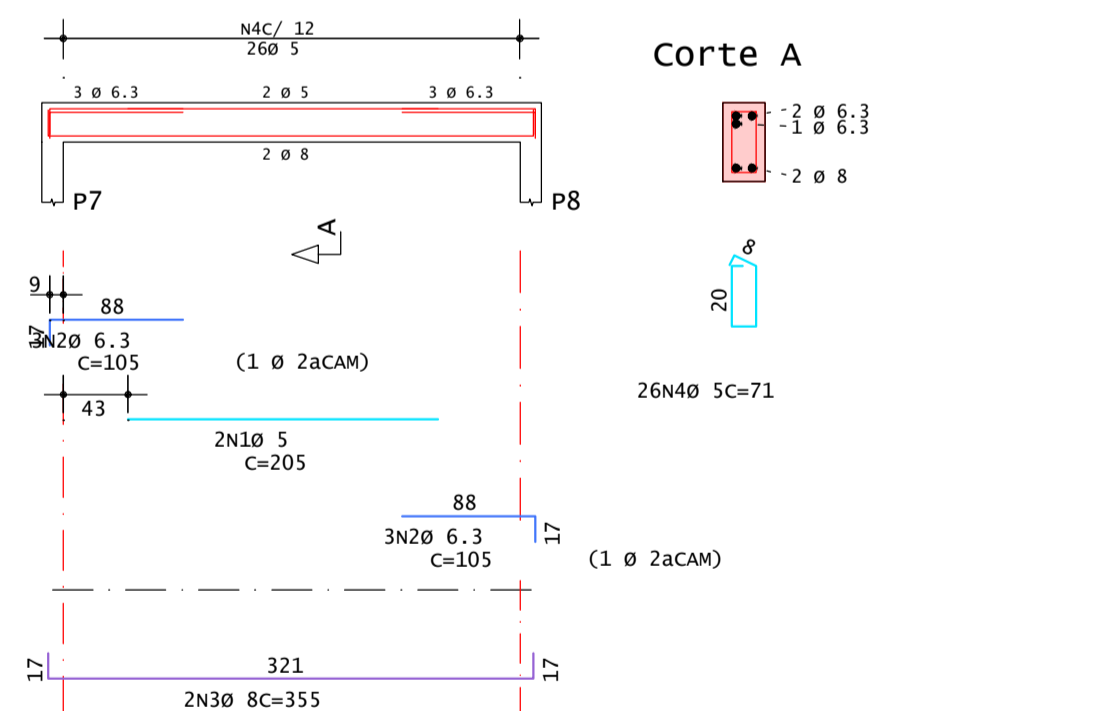
**V1** 14/26



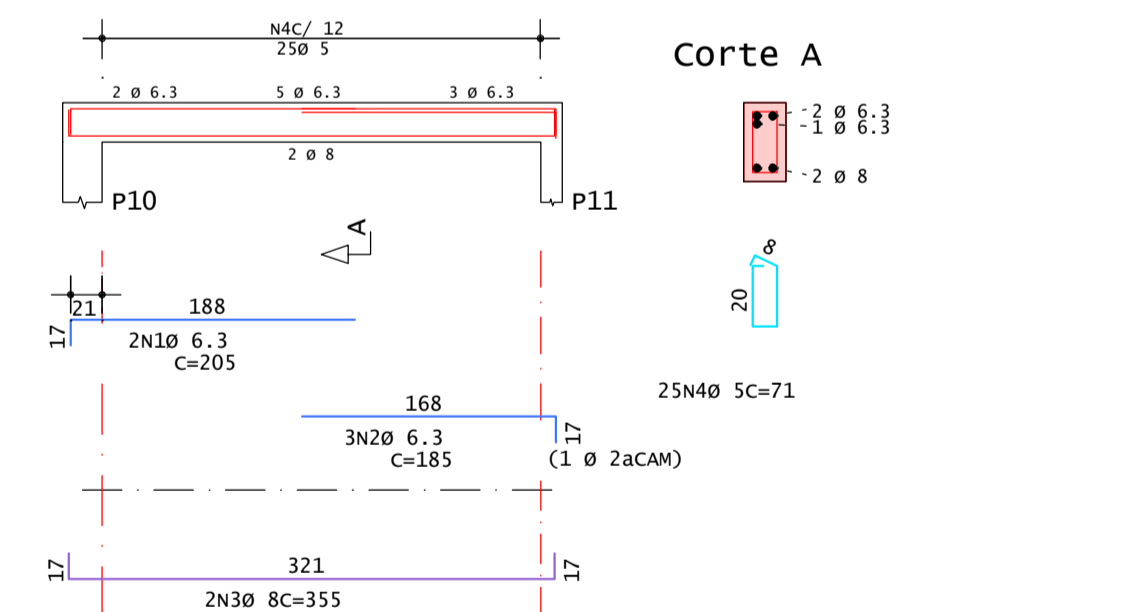
**V2** 14/26



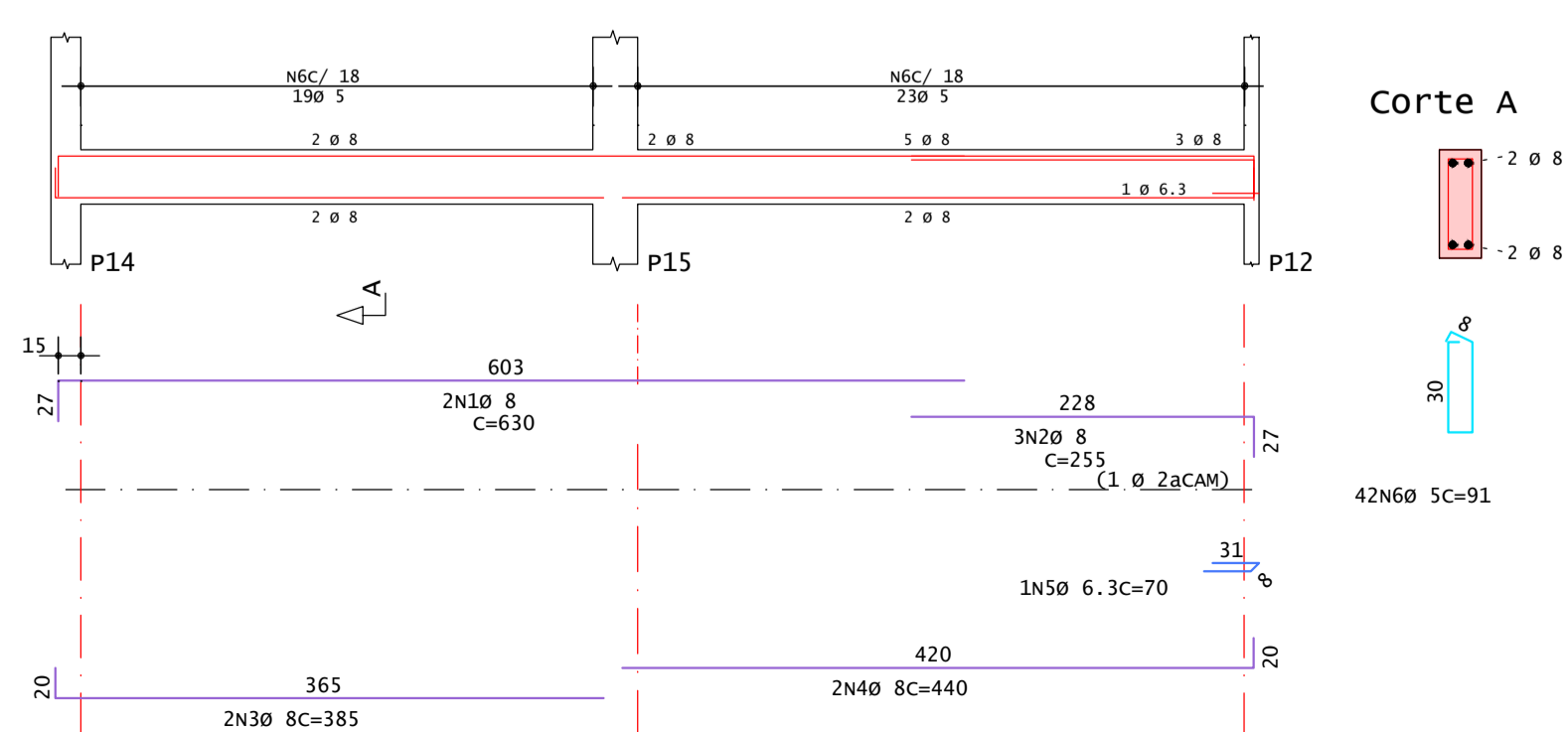
**V3** 14/26



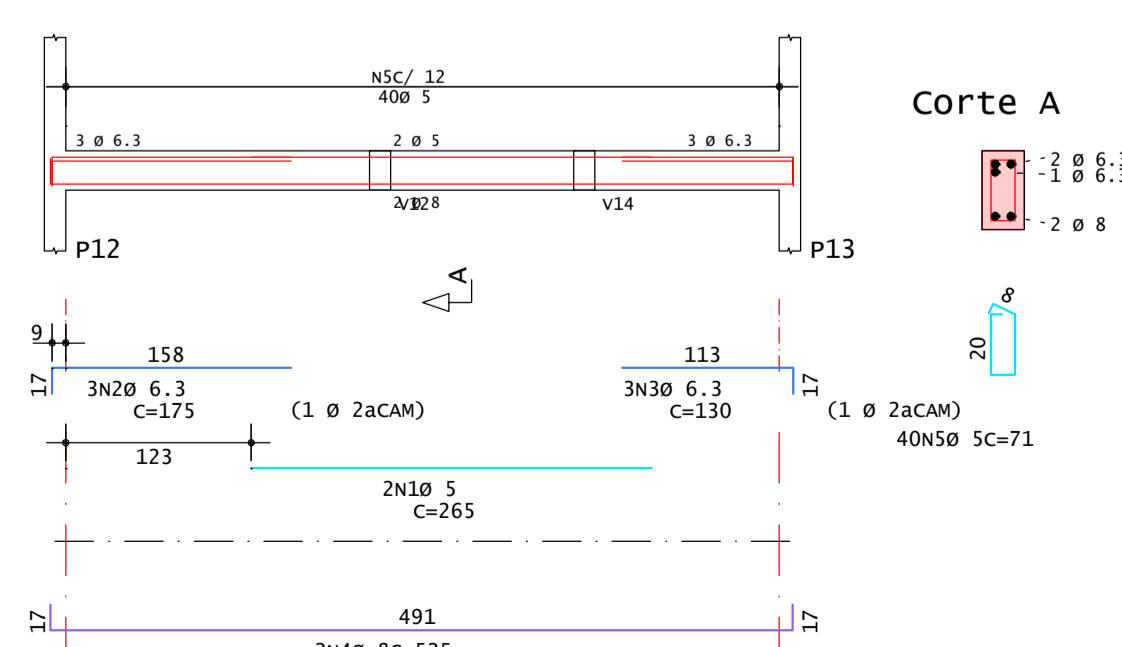
**V4** 14/26



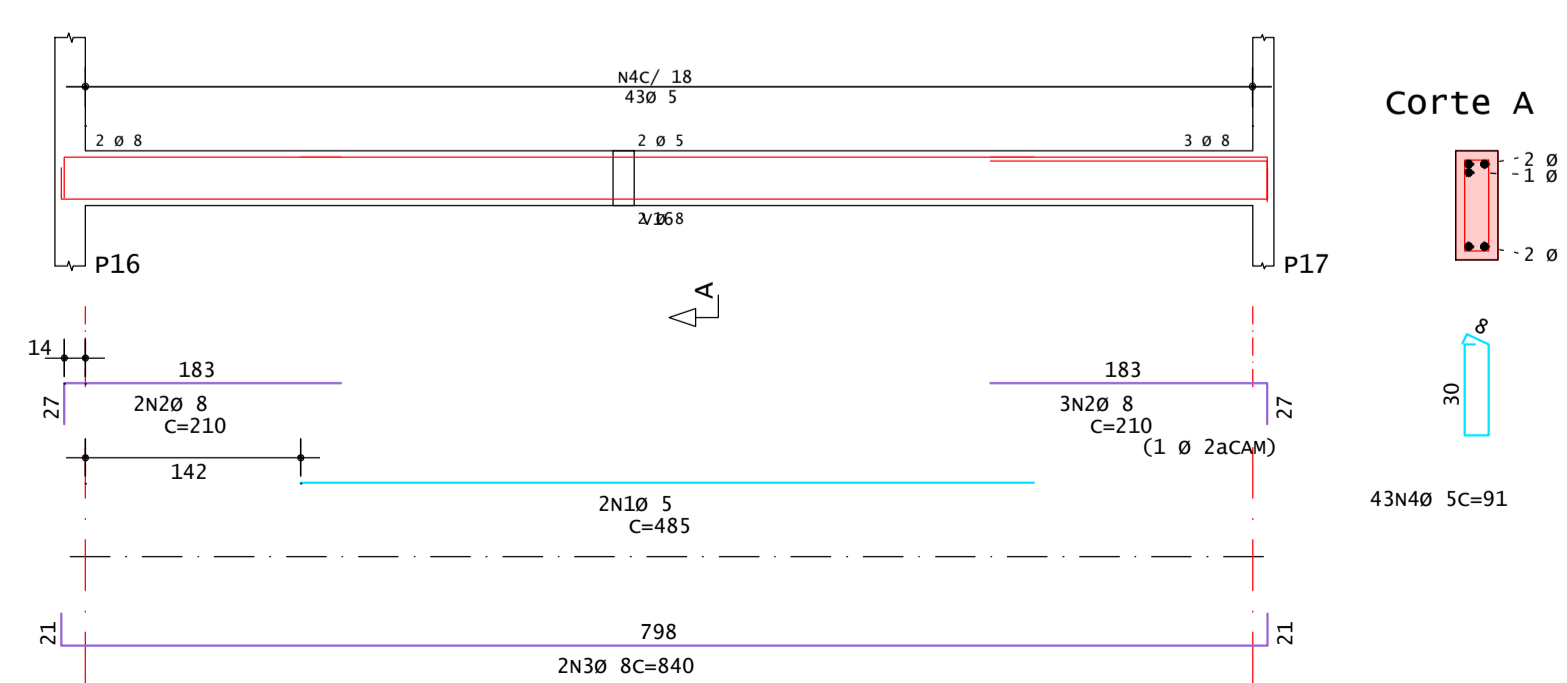
**V5** 14/36



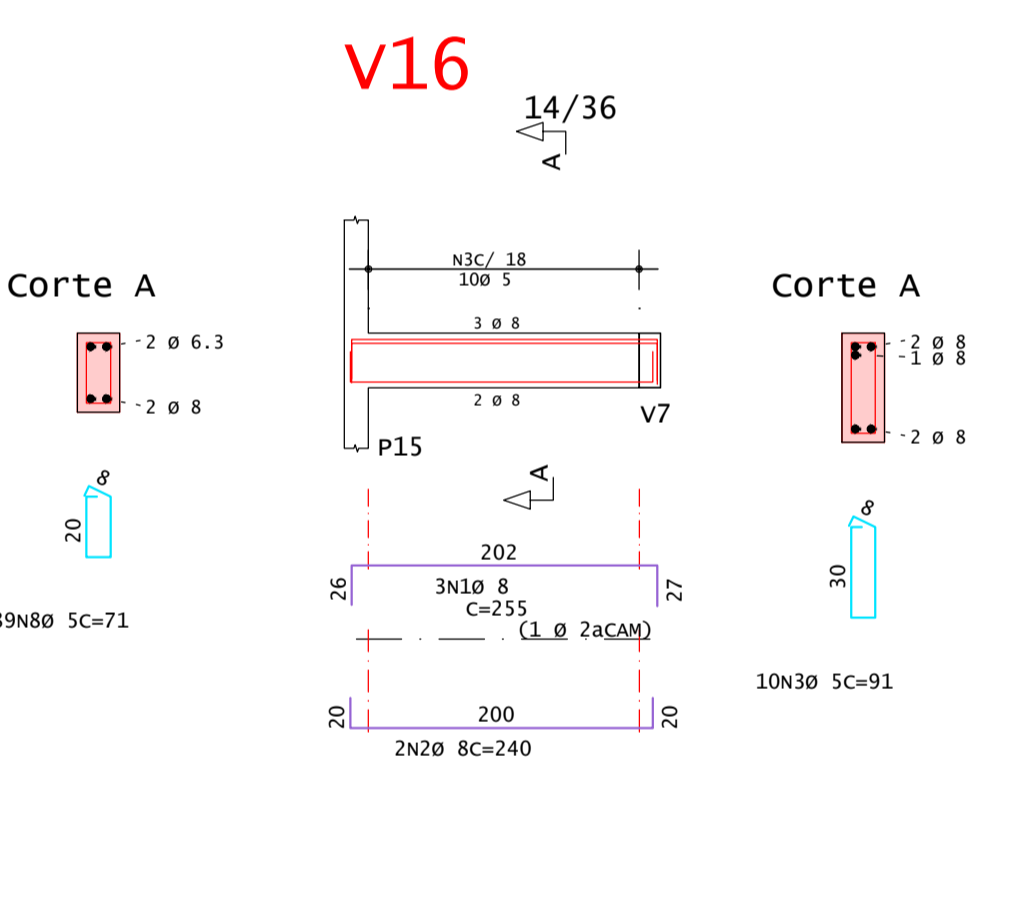
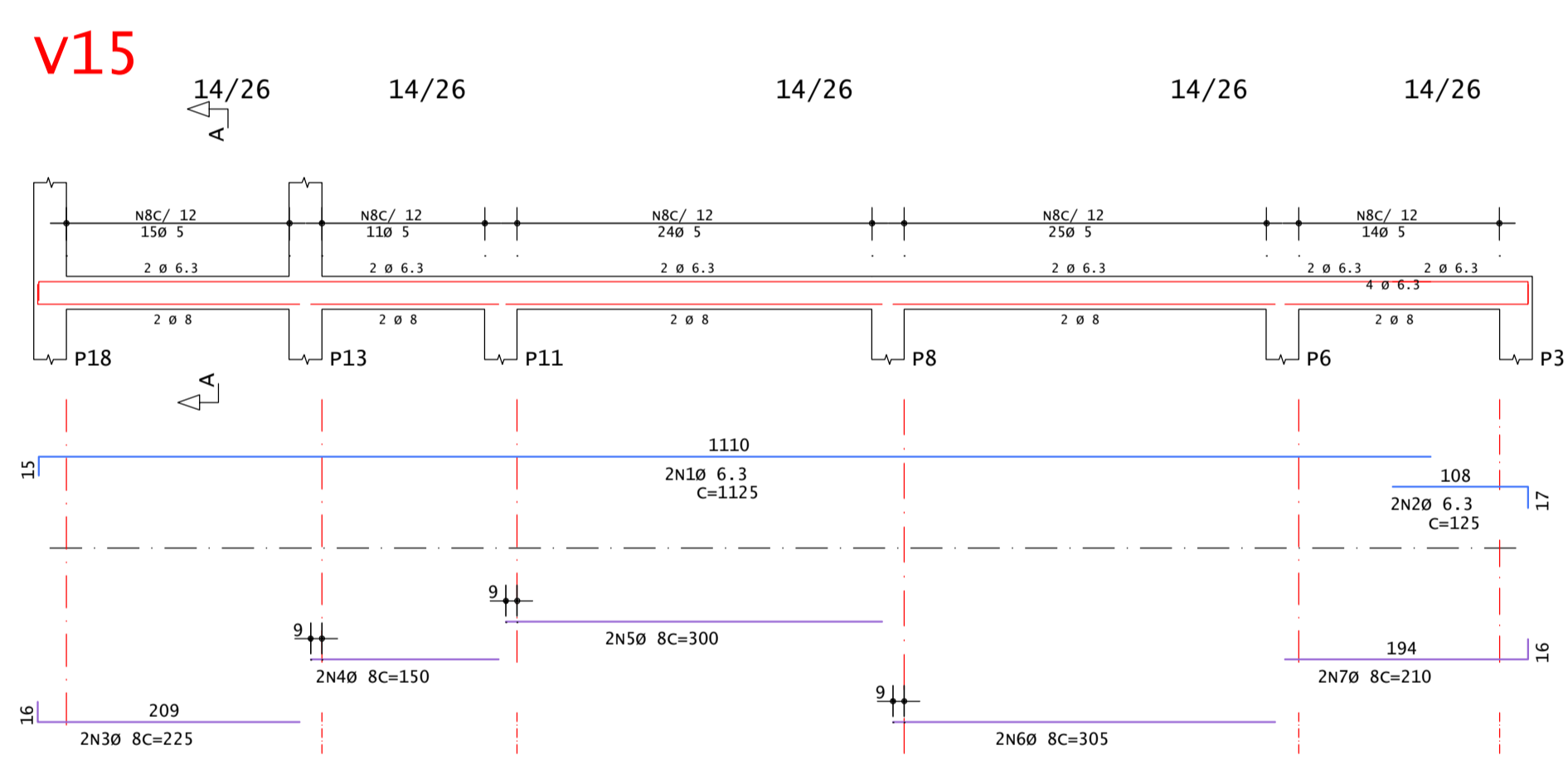
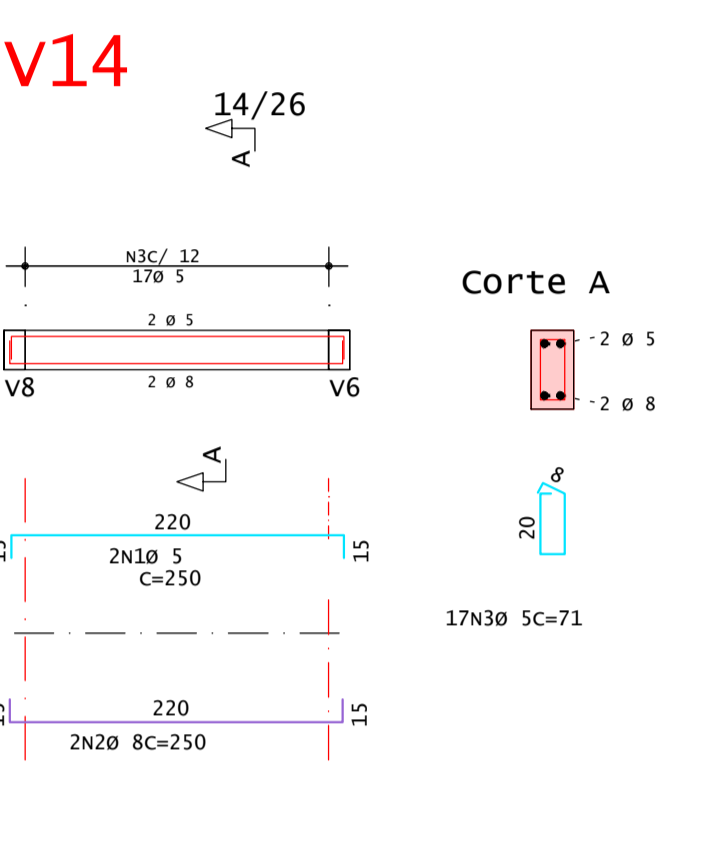
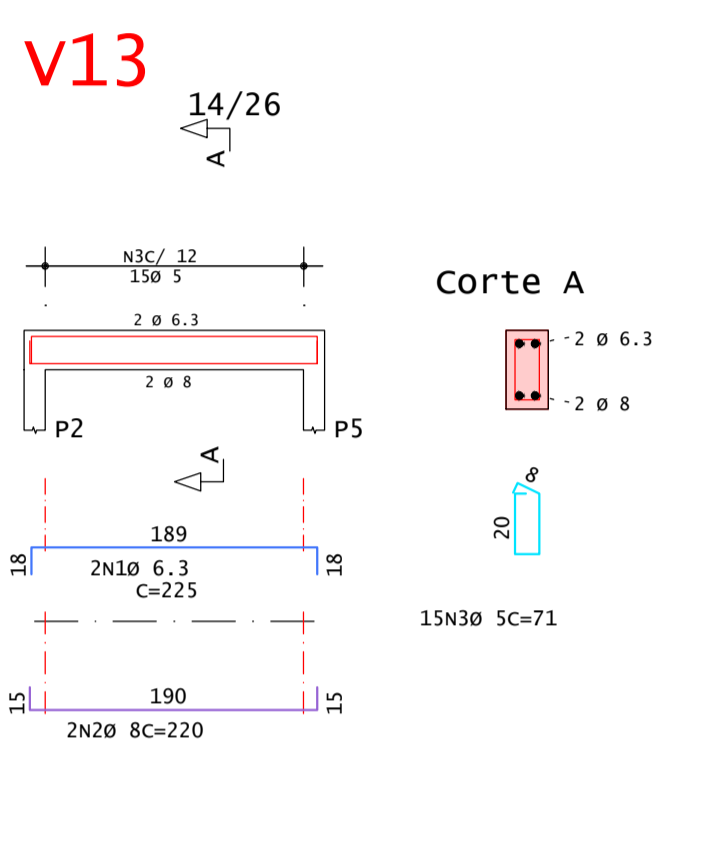
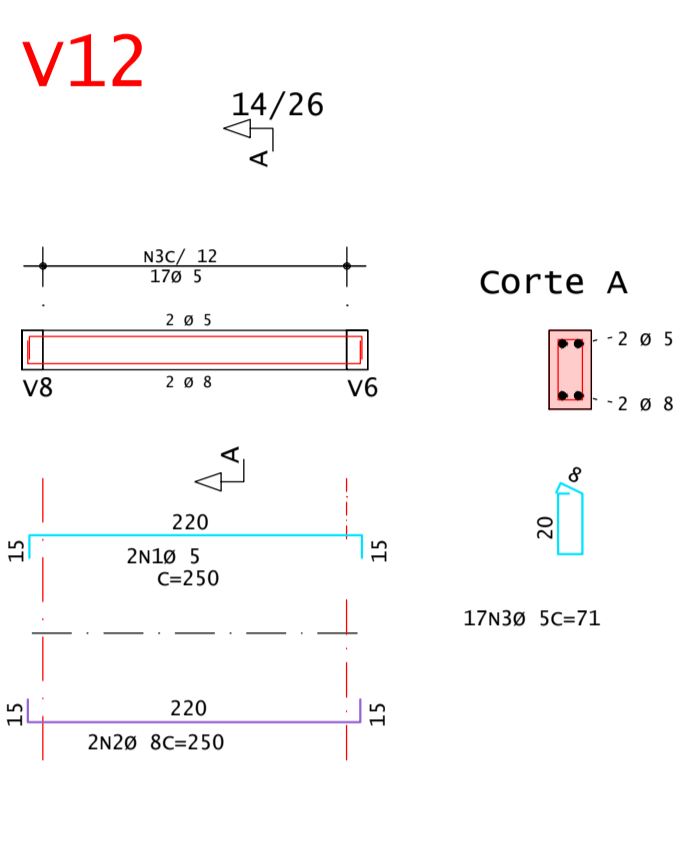
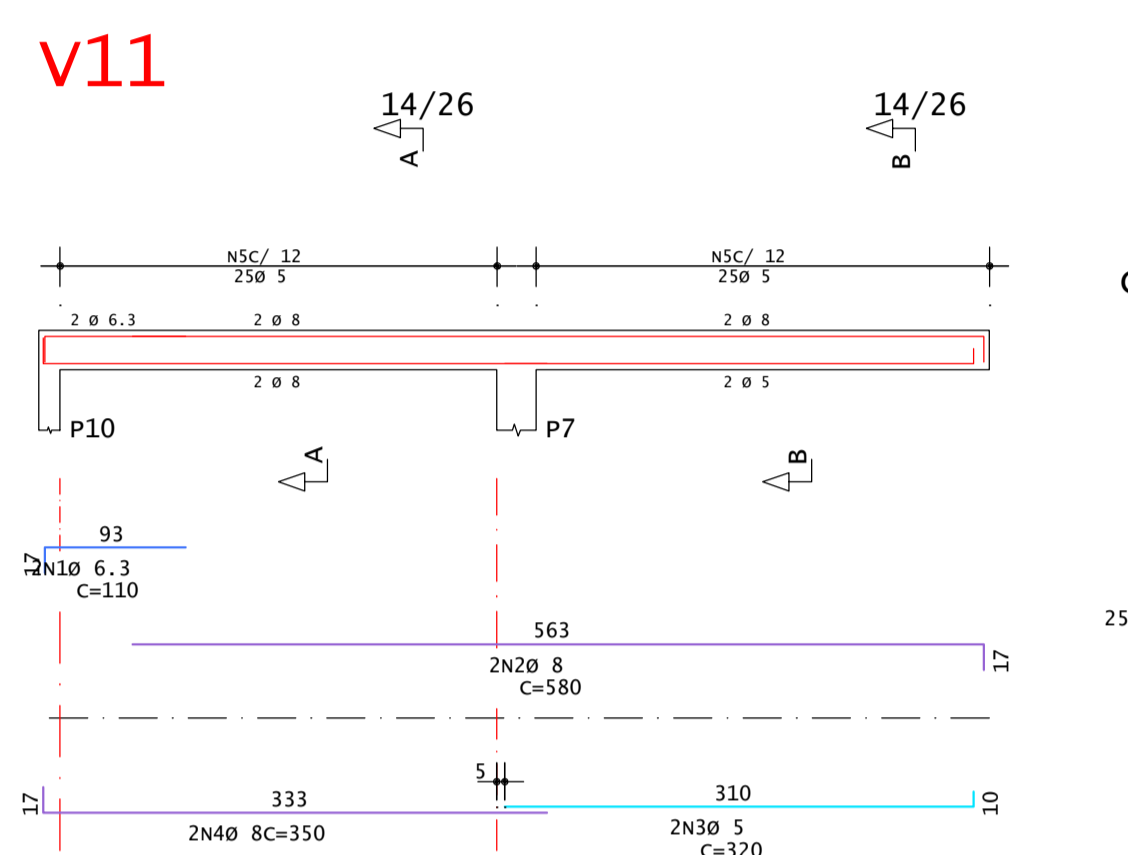
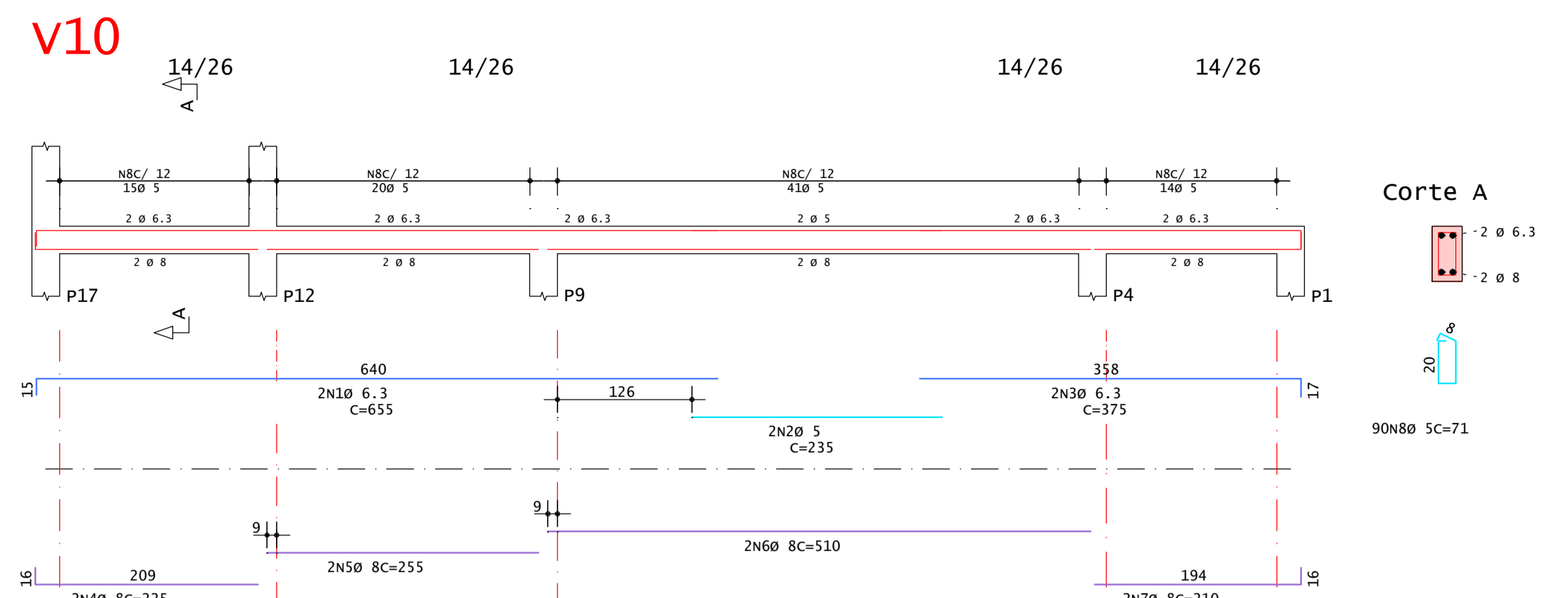
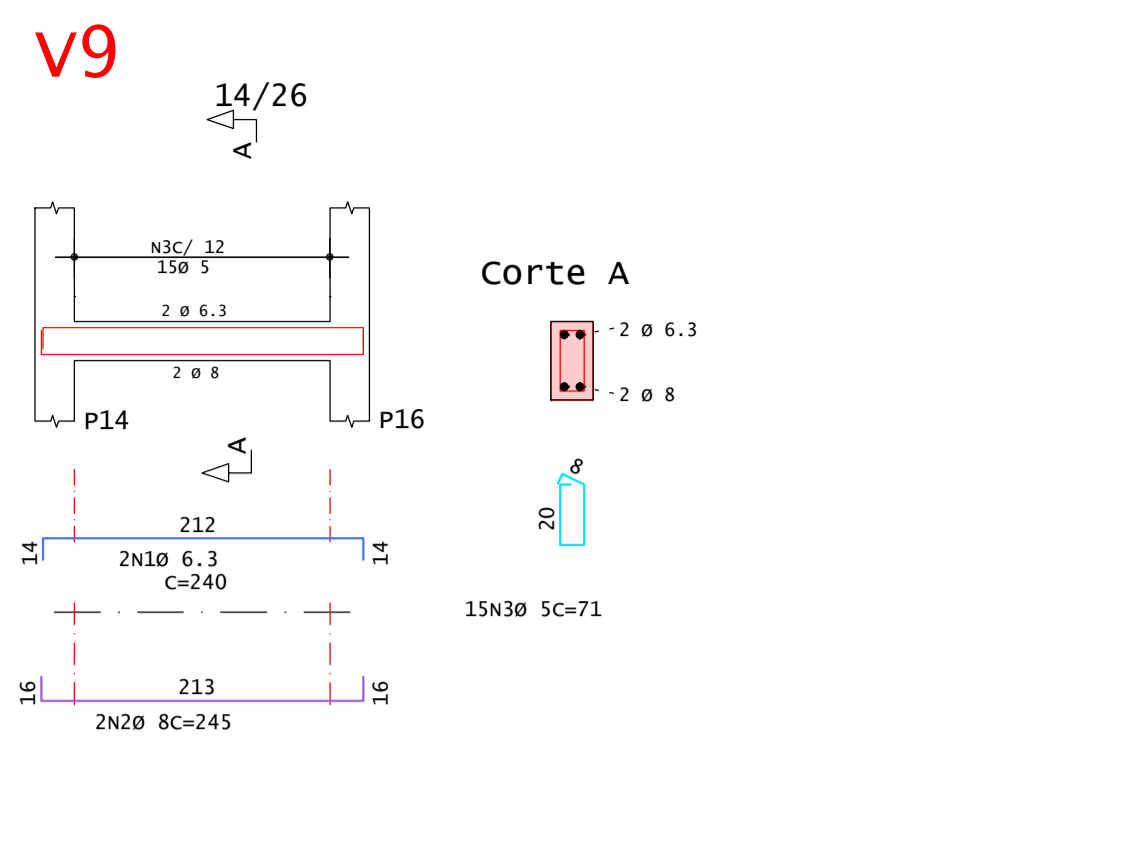
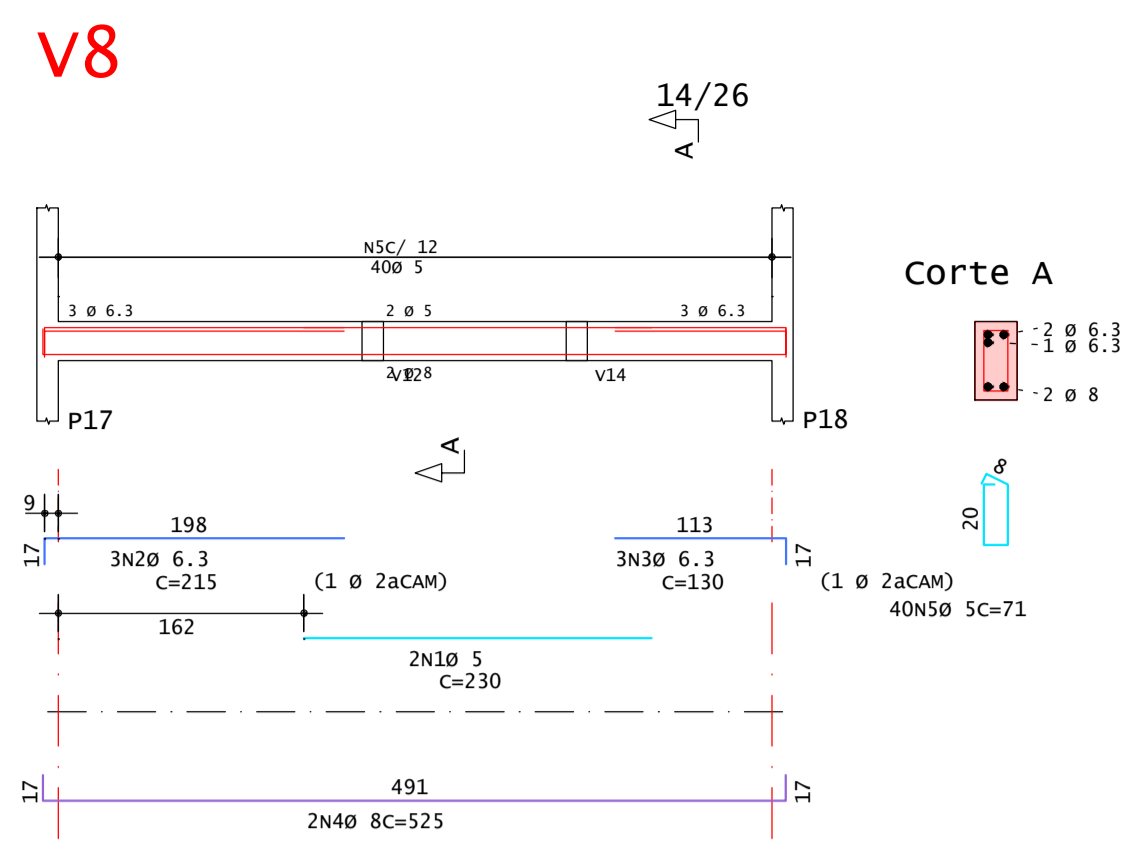
**V6** 14/26



**V7** 14/36



CONCRETO f <sub>ck</sub> = 25 MPA ECS = 24150 MPA		OBRAS N.º <b>0001</b>
CLIENTE <b>Prefeitura Municipal Rio Maria</b> <b>Administrativo do Parque</b>		DES. N.º <b>007</b>
TÍTULO <b>Planta de Forma - Cobertura</b> <b>Detalhamento das Vigas</b>		REV. N.º <b>00</b>
DATA 27/02/2026		ESCALA 1:50
PROJETO ADM-COB-VIG-007-R00		COORD. ENG.º



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
<b>V8</b>					
60A	1	5	2	230	460
50A	2	6.3	3	215	645
50A	3	6.3	3	130	390
50A	4	8	2	525	1050
60A	5	5	40	71	2840
<b>V9</b>					
50A	1	6.3	2	240	480
50A	2	8	2	245	490
60A	3	5	15	71	1065
<b>V10</b>					
50A	1	6.3	2	655	1310
60A	2	5	2	235	470
50A	3	6.3	2	375	750
50A	4	8	2	225	450
50A	5	8	2	255	510
50A	6	8	2	510	1020
50A	7	8	2	210	420
60A	8	5	90	71	6390
<b>V11</b>					
50A	1	6.3	2	110	220
50A	2	8	2	580	1160
60A	3	5	2	320	640
50A	4	8	2	350	700
60A	5	5	50	71	3550
<b>V12</b>					
60A	1	5	2	250	500
50A	2	8	2	250	500
60A	3	5	17	71	1207
<b>V13</b>					
50A	1	6.3	2	225	450
50A	2	8	2	220	440
60A	3	5	15	71	1065
<b>V14</b>					
60A	1	5	2	250	500
50A	2	8	2	250	500
60A	3	5	17	71	1207
<b>V15</b>					
50A	1	6.3	2	1125	2250
50A	2	6.3	2	125	250
50A	3	8	2	225	450
50A	4	8	2	150	300
50A	5	8	2	300	600
50A	6	8	2	305	610
50A	7	8	2	210	420
60A	8	5	89	71	6319
<b>V16</b>					
50A	1	8	3	255	765
50A	2	8	2	240	480
60A	3	5	10	91	910

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	271	42
50A	6.3	67	17
50A	8	109	43
Peso Total		60A =	42 kgf
Peso Total		50A =	59 kgf

CONCRETO		fck = 25 MPA		ECS = 24150 MPA		OBRA N.º		0001		
CLIENTE		Prefeitura Municipal Rio Maria						DES. N.º		008
OBRA		Administrativo do Parque						REV. N.º		00
TÍTULO		Detalhamento das Vigas						OBRA N.º		00
DATA		27/02/2026		ESCALA		1:50		DESENHO		ADM-COB-VIG-008-R00
COORD.								ENG.º		

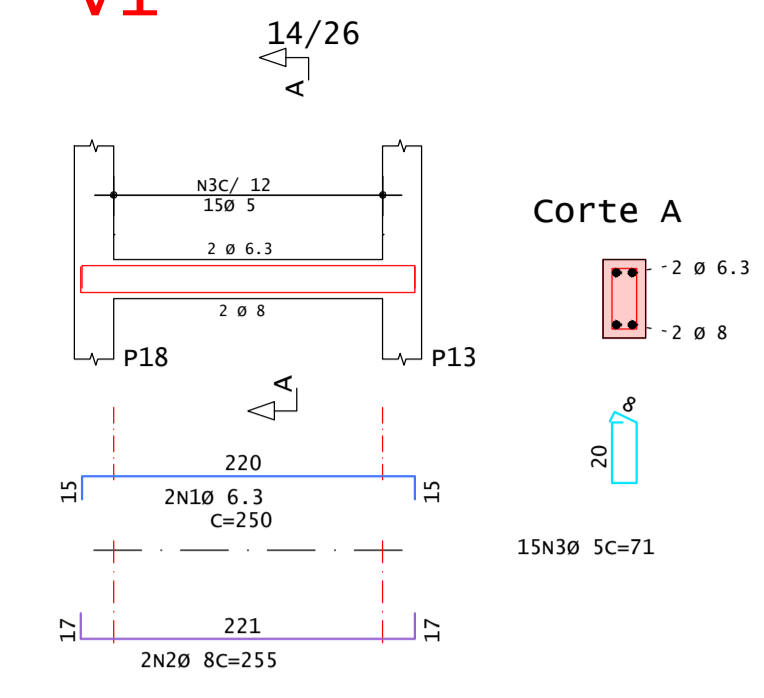
# Planta Ático

Escala 1:50

▼ A

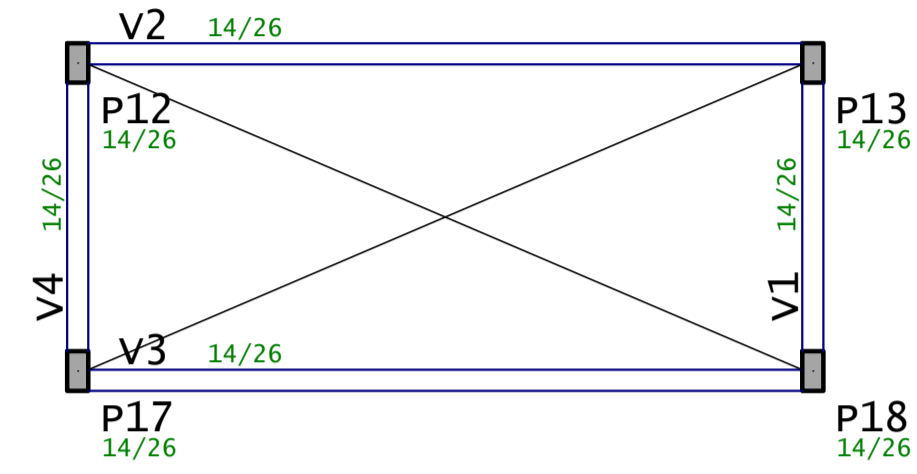
A ▼

V1

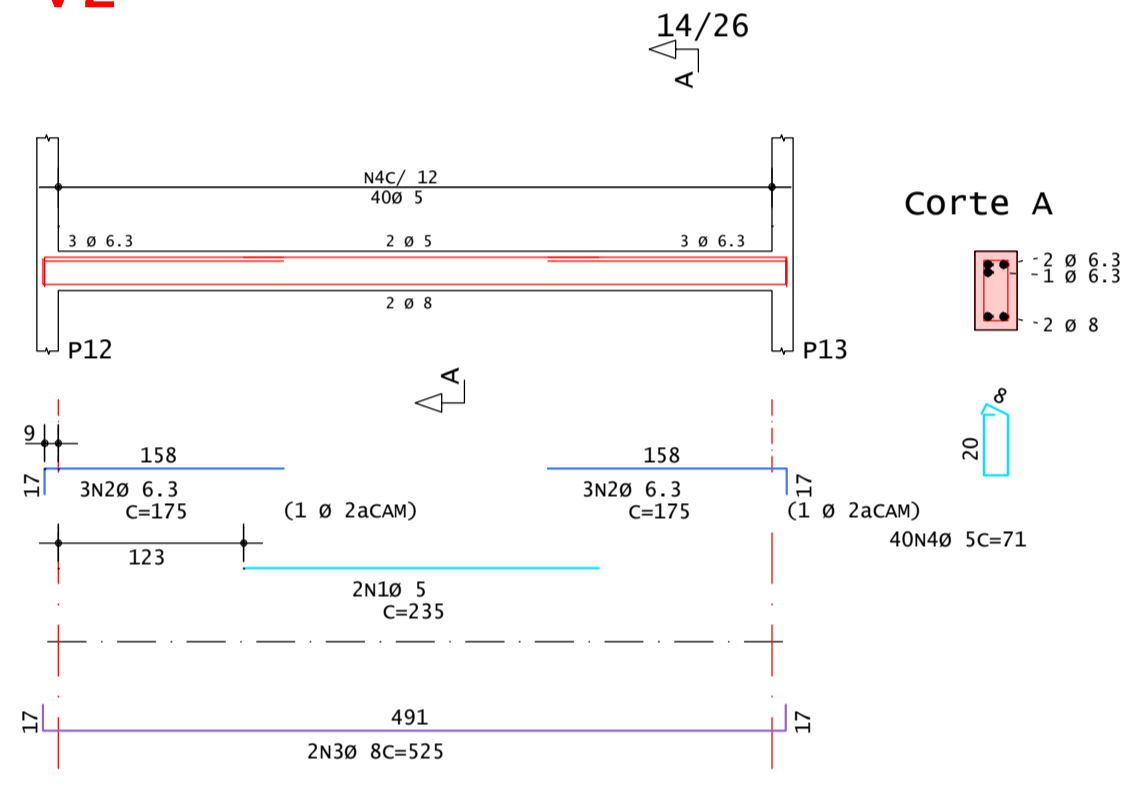


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V1	50A	1	6.3	250	500
	50A	2	8	255	510
	60A	3	5	71	1065
V2	60A	1	5	235	470
	50A	2	6.3	175	1050
	50A	3	8	525	1050
	60A	4	5	71	2840
V3	60A	1	5	265	530
	50A	2	6.3	175	525
	50A	3	6.3	130	390
	50A	4	8	2	1050
	60A	5	5	40	2840
V4	50A	1	6.3	250	500
	50A	2	8	255	510
	60A	3	5	71	1065

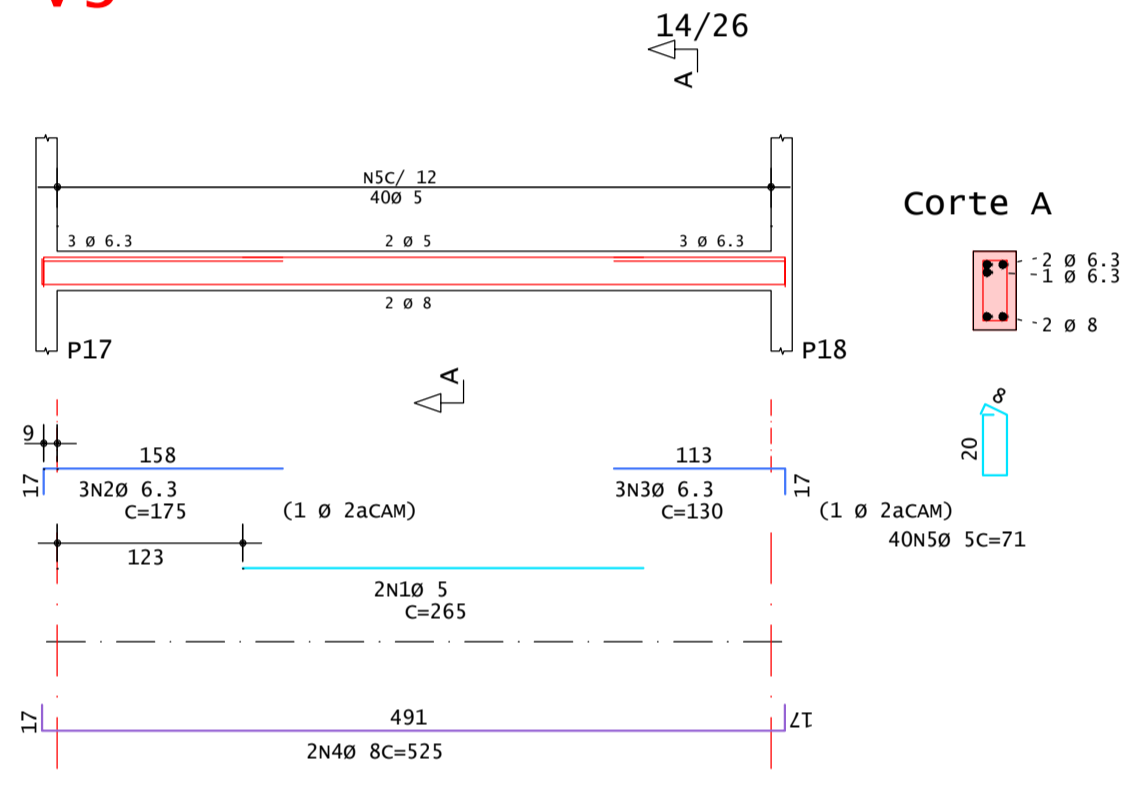
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	88	14
50A	6.3	30	7
50A	8	31	12
Peso Total		60A =	14 kgf
Peso Total		50A =	20 kgf



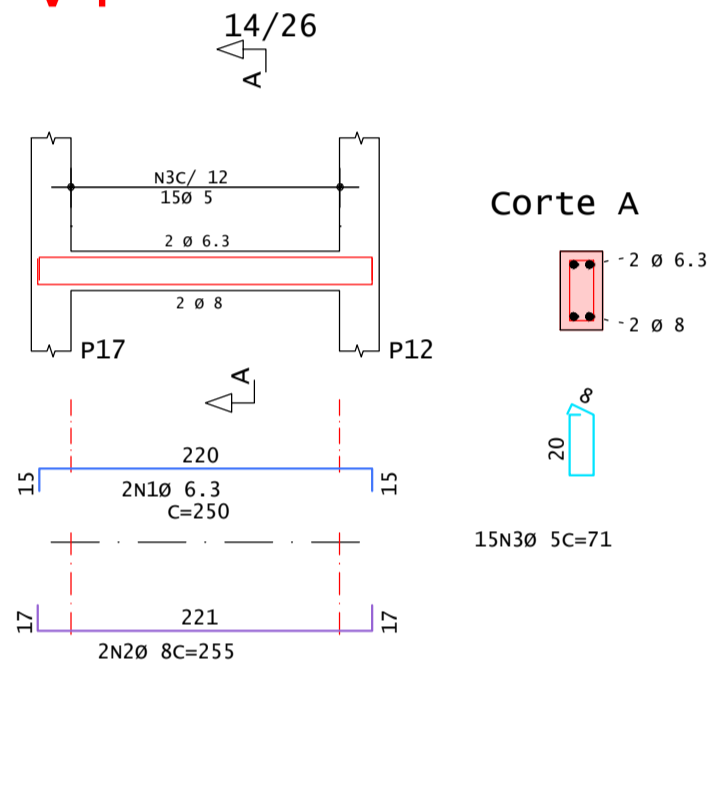
V2



V3



V4



CONCRETO fck = 25 MPA ECS = 24150 MPA		OBRA N.º <b>0001</b>
CLIENTE <b>Prefeitura Municipal Rio Maria</b> <b>Administrativo do Parque</b>		DES. N.º <b>009</b>
TÍTULO <b>Planta de Forma</b> <b>Detalhamento das Vigas</b>		REV. N.º <b>00</b>
Planta Ático / v1 / v2 / v3 / v4		
DATA 27/02/2026	ESCALA 1:50	DESENHO ADM-COB-VIG-009-R00

# Planta Platibanda

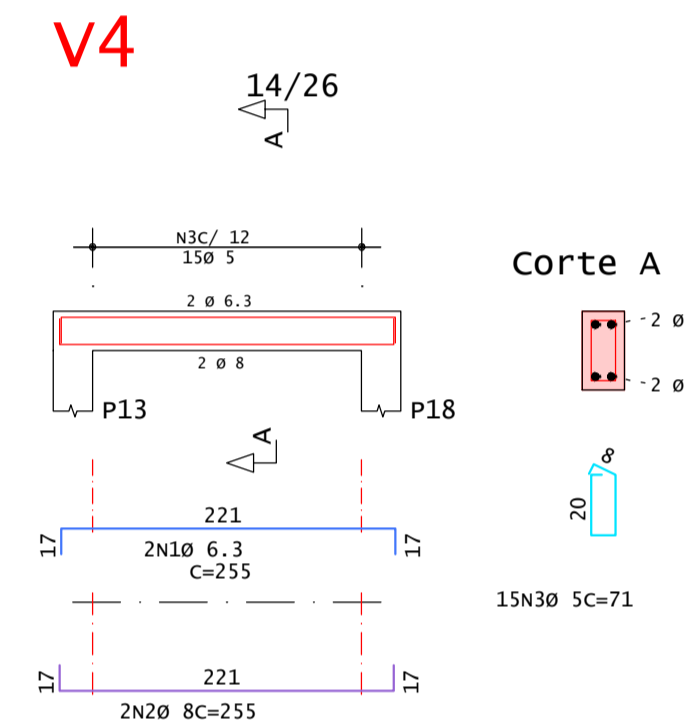
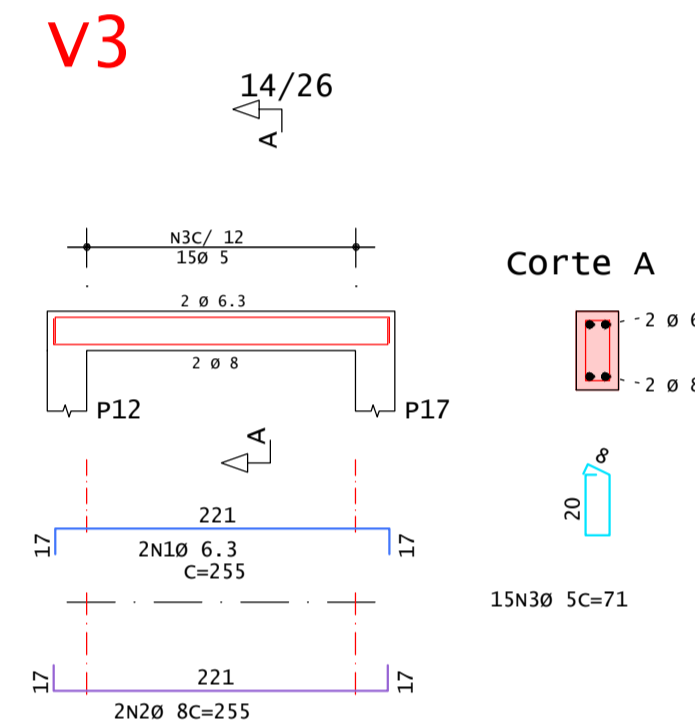
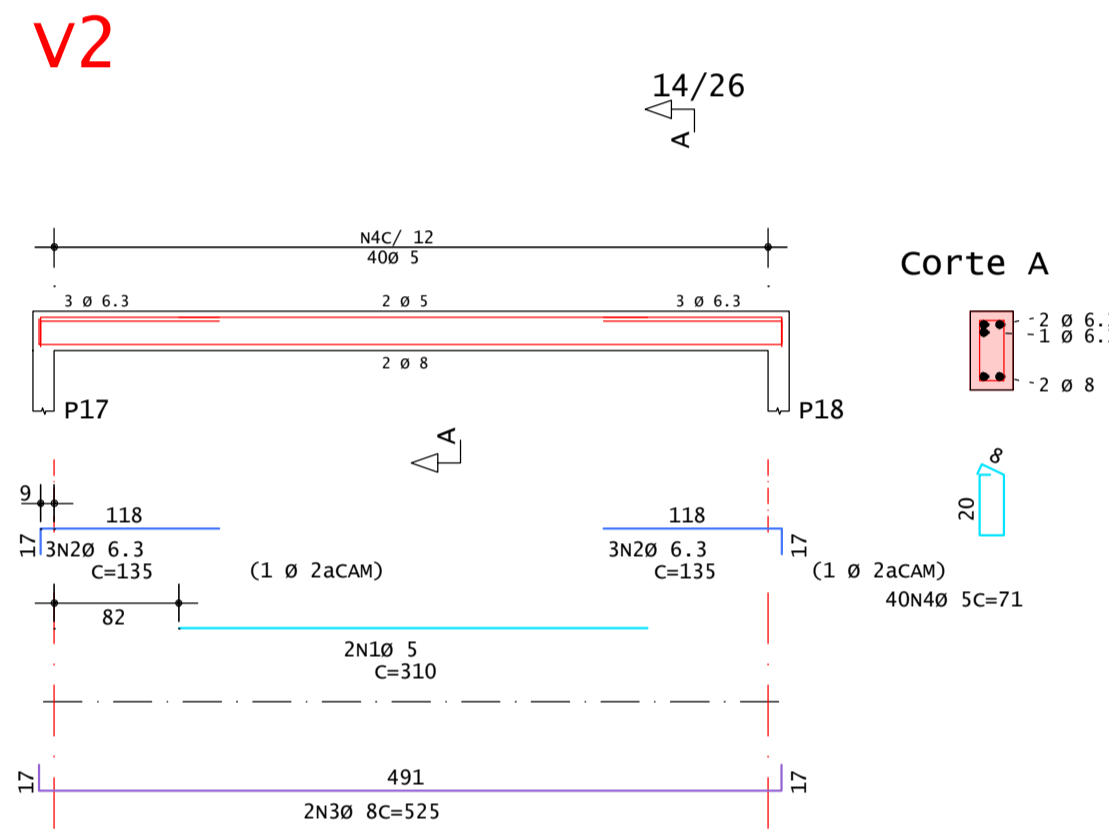
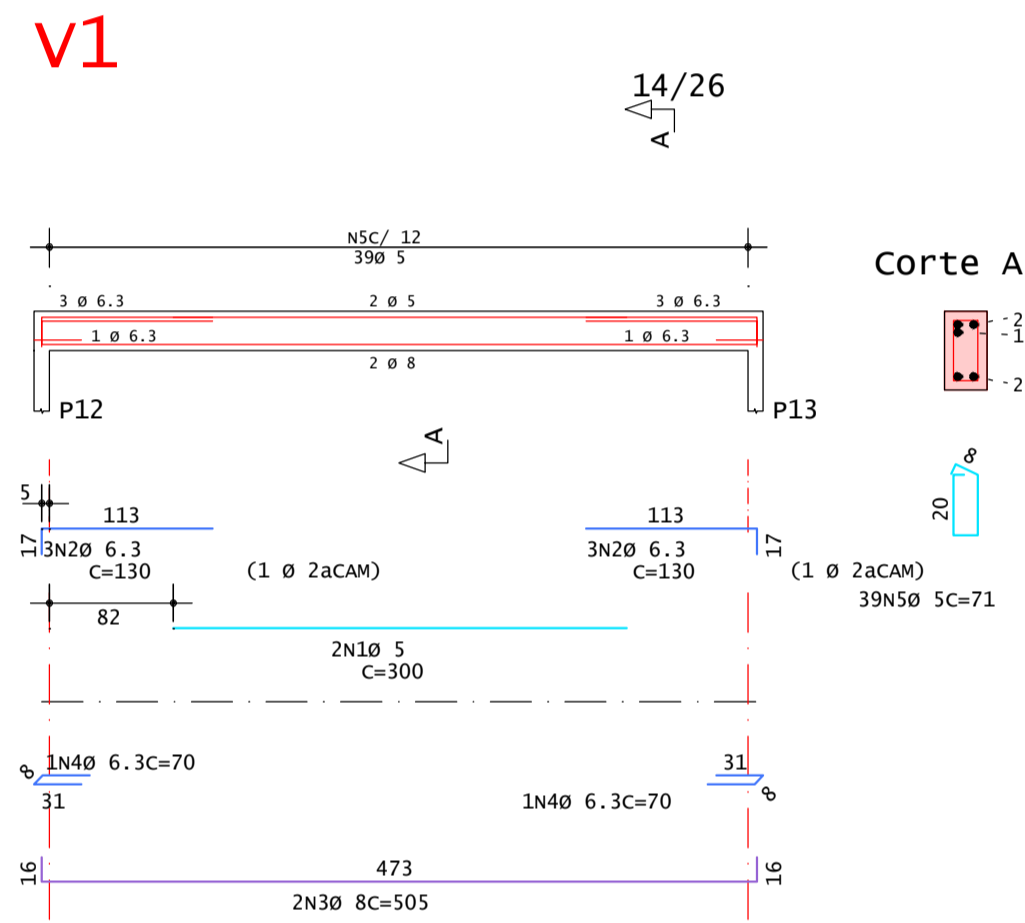
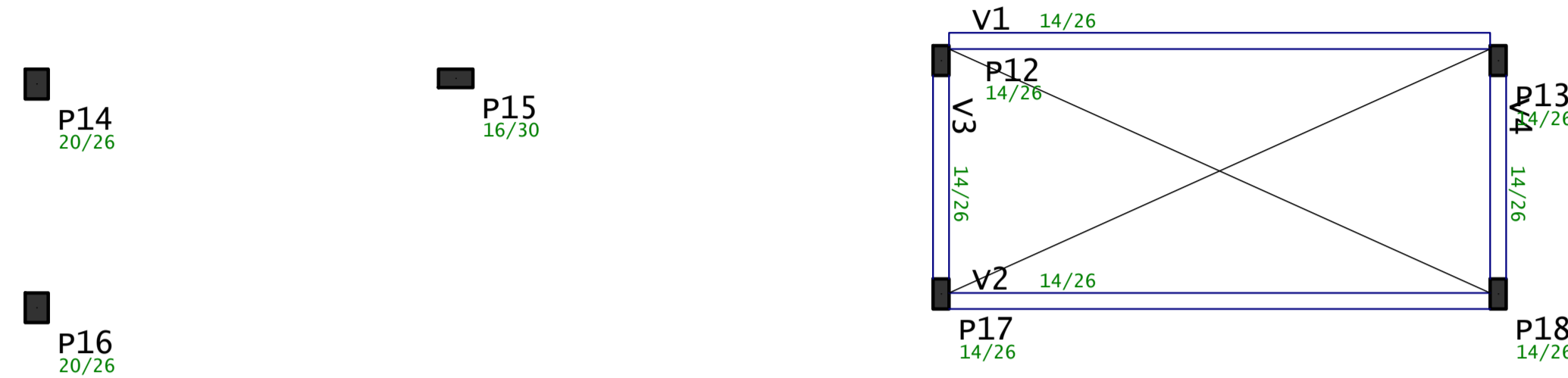
Escala 1:50

▼ A

A ▼

AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
<b>V1</b>					
60A	1	5	2	300	600
50A	2	6.3	6	130	780
50A	3	8	2	505	1010
50A	4	6.3	2	70	140
60A	5	5	39	71	2769
<b>V2</b>					
60A	1	5	2	310	620
50A	2	6.3	6	135	810
50A	3	8	2	525	1050
60A	4	5	40	71	2840
<b>V3</b>					
50A	1	6.3	2	255	510
50A	2	8	2	255	510
60A	3	5	15	71	1065
<b>V4</b>					
50A	1	6.3	2	255	510
50A	2	8	2	255	510
60A	3	5	15	71	1065

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
		m	kgf
60A	5	90	14
50A	6.3	28	7
50A	8	31	12
Peso Total		60A =	14 kgf
Peso Total		50A =	19 kgf



CONCRETO		OBRA N.º	
fck = 25 MPA	ECS = 24150 MPA	0001	
CLIENTE		DES. N.º	
Prefeitura Municipal Rio Maria		010	
OBRA		TÍTULO	
Administrativo do Parque		Planta de Forma	
		Detalhamento das Vigas	
TÍTULO		REV. N.º	
Planta Platibanda / v1 / v2 / v3		00	
/ v4			
DATA	ESCALA	DESENHO	COORD.
27/02/2026	1:50	ADM-COB-VIG-010-R00	ENG.º