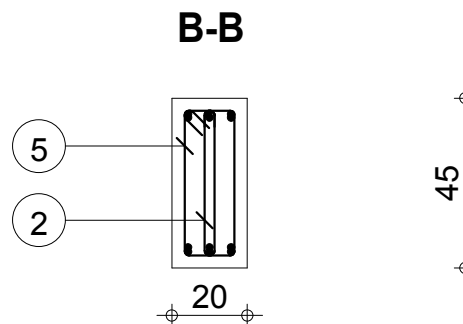
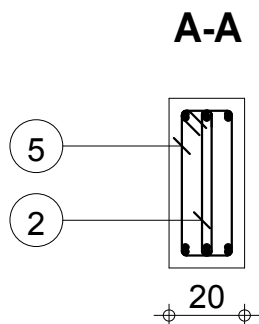
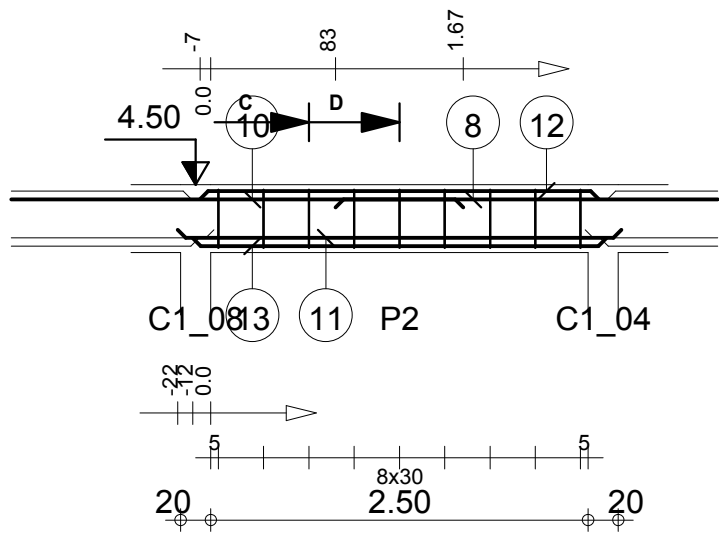


Pos.	Armature	Code	Forme
①	3HA 12 l=1.04	00	1.04
②	9RL 6 l=90		
③	3HA 8 l=2.84	00	2.84
④	3HA 12 l=2.84	00	2.84
⑤	9RL 6 l=1.17		
⑥	3HA 12 l=2.99	00	2.99

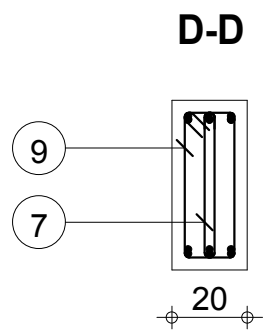
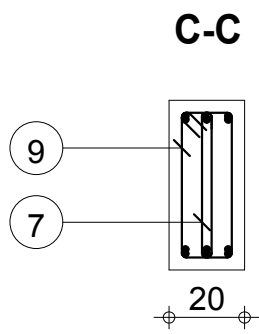


Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Béton : BETON25 = 0.261 m ³	Acier HA 400 = 21.7 kg	Acier RL 235 = 4.13 kg
RDC		2_B1_006 (File K) : P1		Reprise de bétonnage : Non		Surface du coffrage = 3.22 m ²		
Calcul éléments 1		Section 20x45		Nombre 1		Densité = 98.85 kg/ m ³	Echelle pour la vue 1/50	
						Diamètre moyen = 8.95mm	Echelle pour la section 1/20	
								Page 1/11

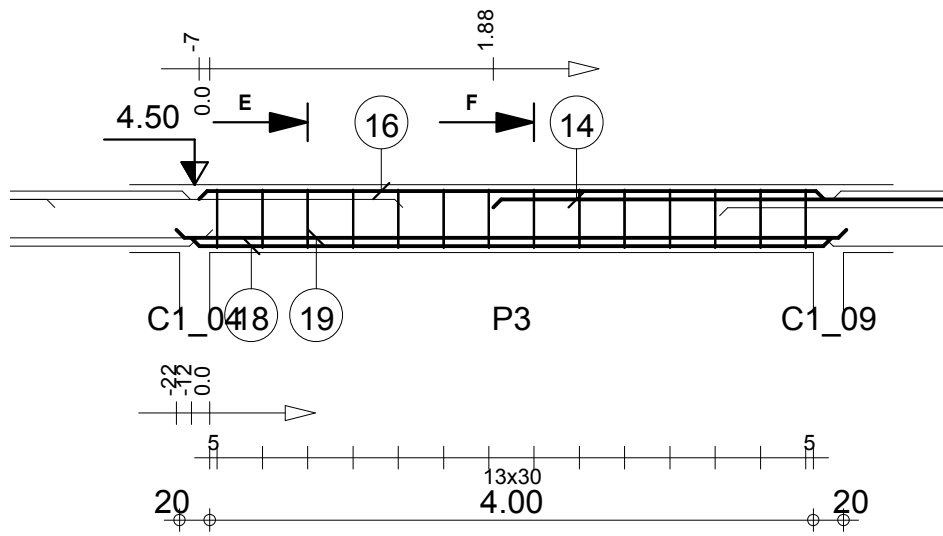




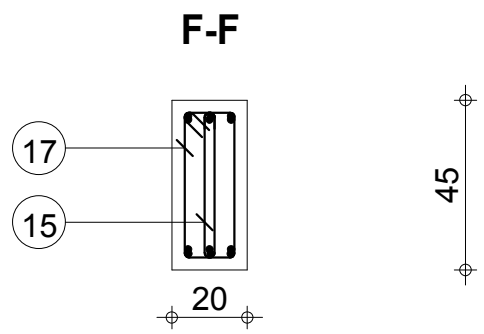
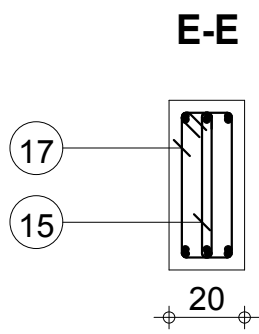
Pos.	Armature	Code	Forme
7	9RL 6	l=90	
8	3HA 12	l=3.15	3.15
9	9RL 6	l=1.17	
10	3HA 12	l=3.30	3.30
11	3HA 12	l=2.94	2.94
12	3HA 8	l=2.64	2.64
13	3HA 12	l=2.74	2.74



Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Acier HA 400 = 35.5 kg	
				Reprise de bétonnage : Non		Acier RL 235 = 4.13 kg	
RDC		2_B1_006 (File K) : P2		Nombre 1		Béton : BETON25 = 0.243 m ³	
Calcul éléments 1		Section 20x45				Surface du coffrage = 2.93 m ²	
						Densité = 163 kg/ m ³	
						Echelle pour la vue 1/50	
						Echelle pour la section 1/20	
						Page 2/11	

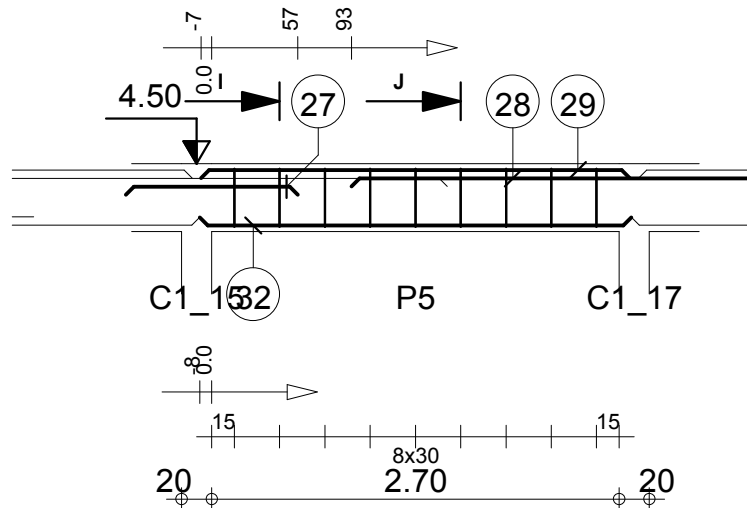


Pos.	Armature	Code	Forme
14	3HA 12 l=3.99	00	3.99
15	14RL 6 l=90		0.0 3.99
16	3HA 8 l=4.14	00	4.14
17	14RL 6 l=1.17		1.17 3.99
18	3HA 12 l=4.24	00	4.24
19	3HA 12 l=4.44	00	4.44

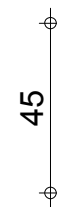
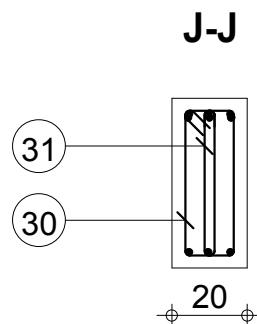
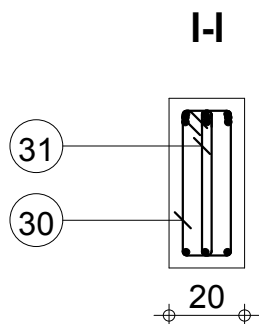


Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Béton : BETON25 = 0.378 m ³	Acier HA 400 = 38.6 kg	Acier RL 235 = 6.43 kg
RDC		2_B1_006 (File K) : P3		Reprise de bétonnage : Non		Surface du coffrage = 4.58 m ²		
Calcul éléments 1		Section 20x45		Nombre 1		Densité = 119.3 kg/ m ³	Echelle pour la vue 1/50	
						Diamètre moyen = 9.19mm	Echelle pour la section 1/20	
								Page 3/11



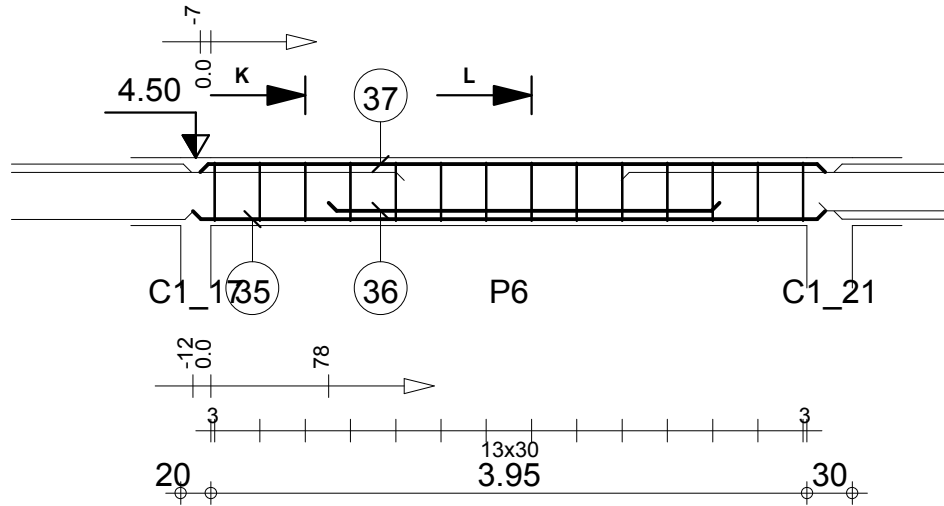


Pos.	Armature	Code	Forme
27	3HA 12 l=1.14	00	1.14
28	3HA 12 l=3.25	00	3.25
29	3HA 8 l=2.84	00	2.84
30	9RL 6 l=1.16		
31	9RL 6 l=90		
32	3HA 8 l=2.86	00	2.86

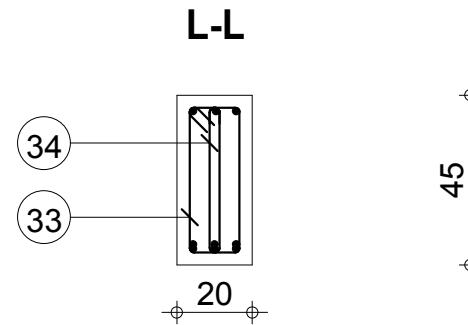
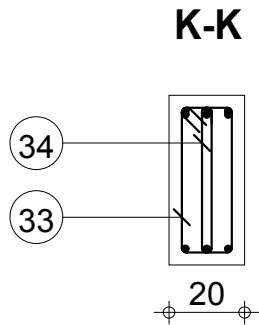


Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Béton : BETON25 = 0.261 m ³	Acier HA 400 = 18.4 kg	Acier RL 235 = 4.12 kg
RDC		2_B1_006 (File K) : P5 Nombre 1		Reprise de bétonnage : Non		Surface du coffrage = 3.15 m ²		
Calcul éléments 1		Section 20x45				Densité = 86.59 kg/ m ³	Echelle pour la vue 1/50	
						Diamètre moyen = 8.32mm	Echelle pour la section 1/20	
								Page 5/11





Pos.	Armature	Code	Forme
33	14RL 6	l=1.17	
34	14RL 6	l=90	
35	3HA 12	l=4.19	4.19
36	3HA 12	l=2.59	2.59
37	3HA 8	l=4.14	4.14

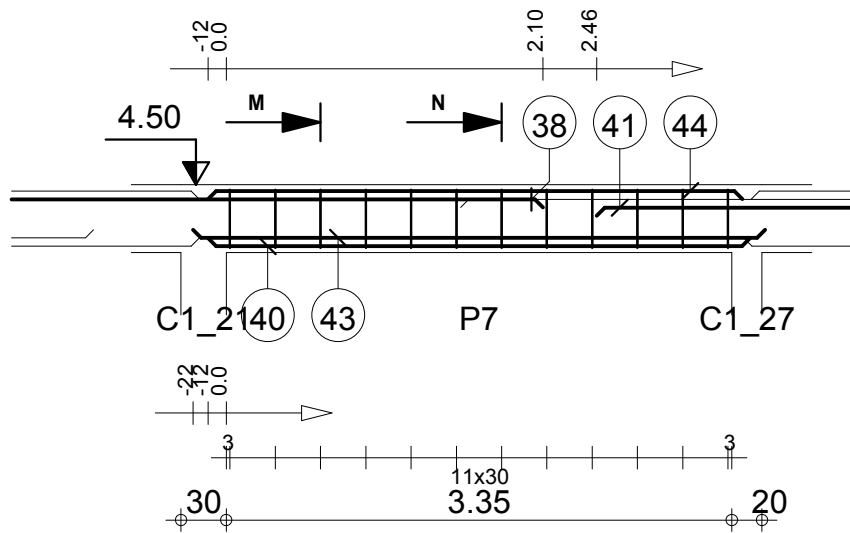


Tenu au feu 1h		Fissuration préjudiciable		Reprise de bétonnage : Non		Acier HA 400 = 23 kg	
Béton : BETON25 = 0.378 m ³		Surface du coffrage = 4.57 m ²		Acier RL 235 = 6.43 kg			
Densité = 77.78 kg/ m ³		Echelle pour la vue 1/50		Echelle pour la section 1/20		Page 6/11	
Diamètre moyen = 8.38mm							



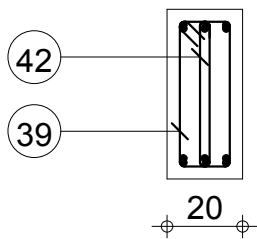
RDC
Calcul éléments 1

2_B1_006 (File K) : P6 Nombre 1
Section 20x45

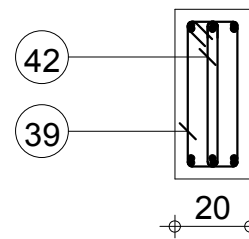


Pos.	Armature	Code	Forme
38	3HA 12 l=3.63	00	3.63
39	12RL 6 l=1.17		
40	3HA 12 l=3.59	00	3.59
41	3HA 12 l=1.91	00	1.91
42	12RL 6 l=90		
43	3HA 12 l=3.79	00	3.79
44	3HA 8 l=3.54	00	3.54

M-M

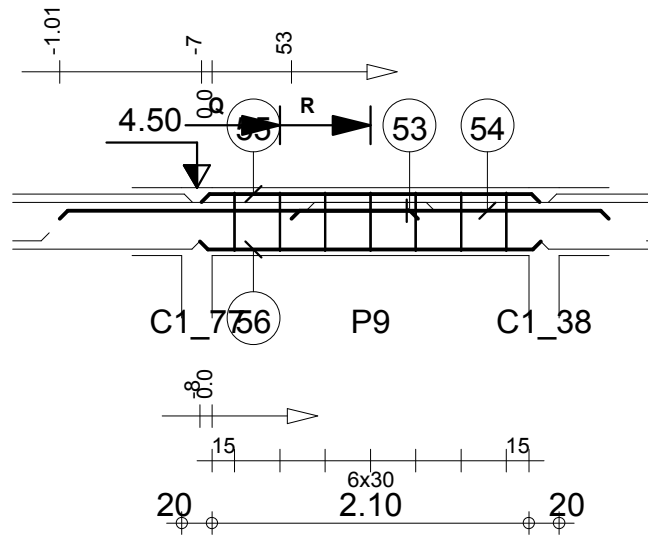


N-N



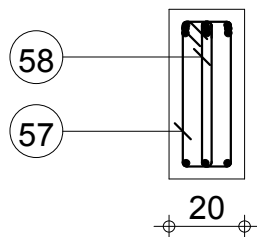
Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Béton : BETON25 = 0.324 m ³	Acier HA 400 = 38.6 kg	Acier RL 235 = 5.51 kg
RDC		2_B1_006 (File K) : P7 Nombre 1				Surface du coffrage = 3.91 m ²		
Calcul éléments 1		Section 20x45				Densité = 136.1 kg/ m ³	Echelle pour la vue 1/50	
						Diamètre moyen = 9.42mm	Echelle pour la section 1/20	
								Page 7/11



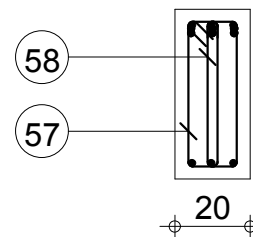


Pos.	Armature	Code	Forme
53	3HA 12 l=2.37	00	2.37
54	3HA 12 l=2.10	00	2.10
55	3HA 8 l=2.24	00	2.24
56	3HA 8 l=2.26	00	2.26
57	7RL 6 l=1.16		
58	7RL 6 l=90		

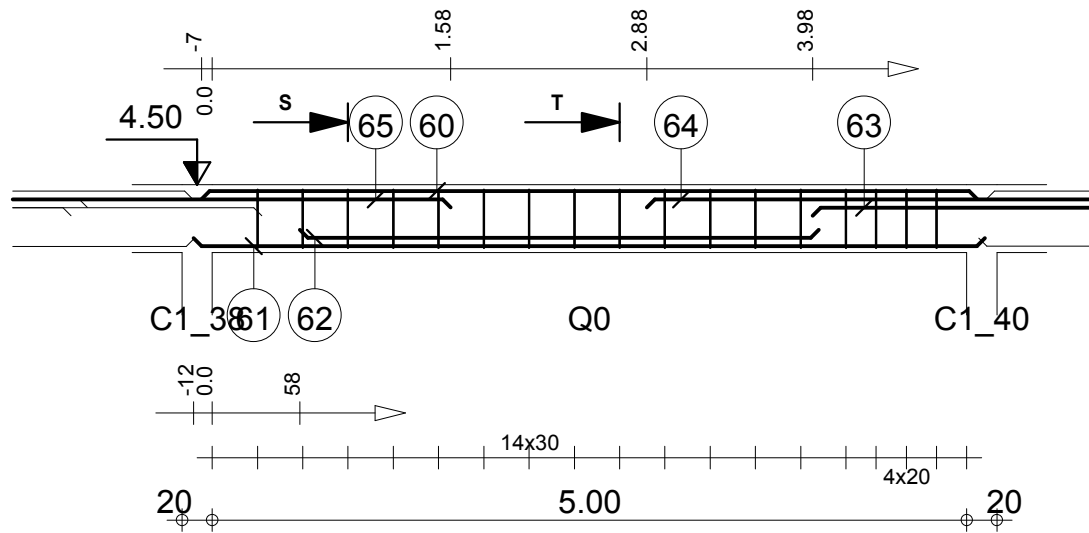
Q-Q



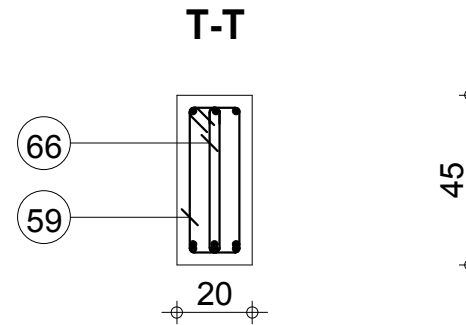
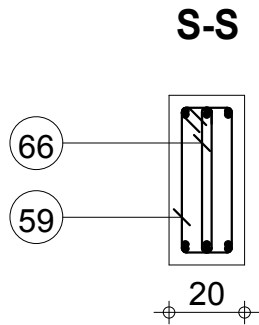
R-R



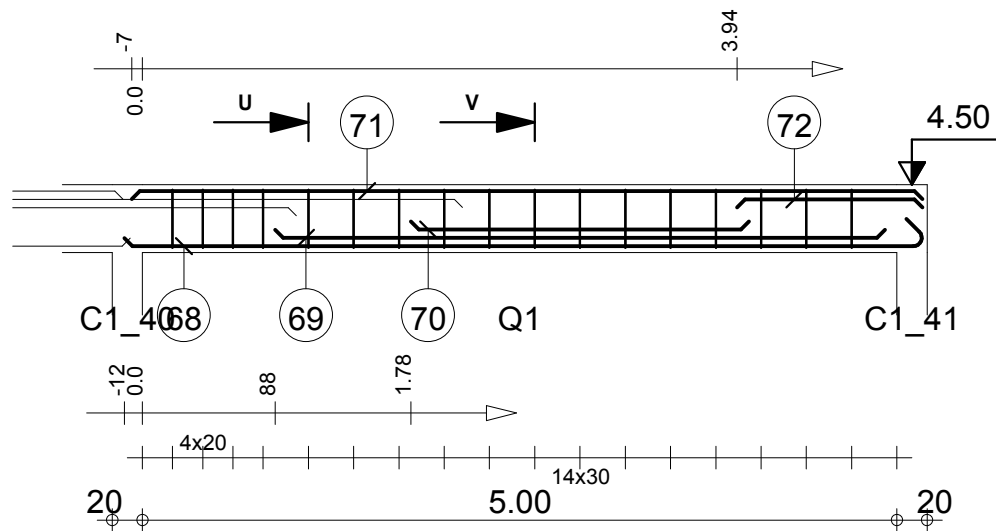
Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Béton : BETON25 = 0.207 m ³	Acier HA 400 = 17.3 kg	
RDC		2_B1_006 (File K) : P9		Reprise de bétonnage : Non		Surface du coffrage = 2.49 m ²	Acier RL 235 = 3.2 kg	
Calcul éléments 1		Section 20x45		Nombre 1		Densité = 99.03 kg/ m ³	Echelle pour la vue 1/50	
PRO						Diamètre moyen = 8.6mm	Echelle pour la section 1/20	
							Page 9/11	



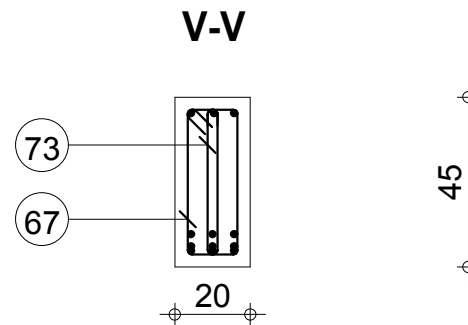
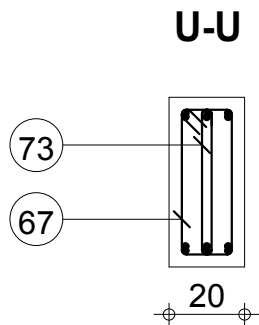
Pos.	Armature	Code	Forme
59	17RL 6	l=1.17	
60	3HA 8	l=5.14	5.14
61	3HA 12	l=5.24	5.24
62	3HA 12	l=3.44	3.44
63	3HA 14	l=2.24	2.24
64	3HA 14	l=4.44	4.44
65	3HA 12	l=3.25	3.25
66	17RL 6	l=90	



Tenu au feu 1h		Fissuration préjudiciable		Reprise de bétonnage : Non		Acier HA 400 = 62.1 kg	
Béton : BETON25 = 0.468 m ³		Surface du coffrage = 5.68 m ²		Acier RL 235 = 7.81 kg			
RDC Calcul éléments 1		2_B1_006 (File K) : Q0 Nombre 1 Section 20x45		Densité = 149.4 kg/ m ³ Diamètre moyen = 9.81mm		Echelle pour la vue 1/50 Echelle pour la section 1/20	
						Page 10/11	



Pos.	Armature	Code	Forme
67	17RL 6	l=1.17	
68	3HA 12	l=5.48	00
69	3HA 12	l=4.04	00
70	3HA 12	l=2.24	00
71	3HA 8	l=5.24	00
72	3HA 12	l=1.23	00
73	17RL 6	l=90	



Tenu au feu 1h		Fissuration préjudiciable		Tél.	Fax	Acier HA 400 = 40.8 kg	
				Reprise de bétonnage : Non		Acier RL 235 = 7.81 kg	
RDC		2_B1_006 (File K) : Q1		Nombre 1		Béton : BETON25 = 0.477 m ³	
Calcul éléments 1		Section 20x45				Surface du coffrage = 5.86 m ²	
						Densité = 101.9 kg/ m ³	
						Echelle pour la vue 1/50	
						Echelle pour la section 1/20	
						Page 11/11	