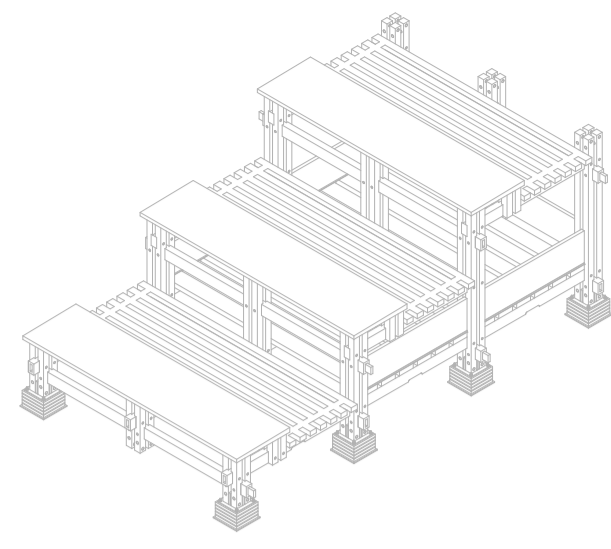
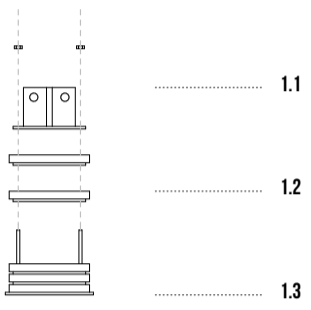


# NAVÉTANES URBAINES

## CATALOGUE DE MONTAGE



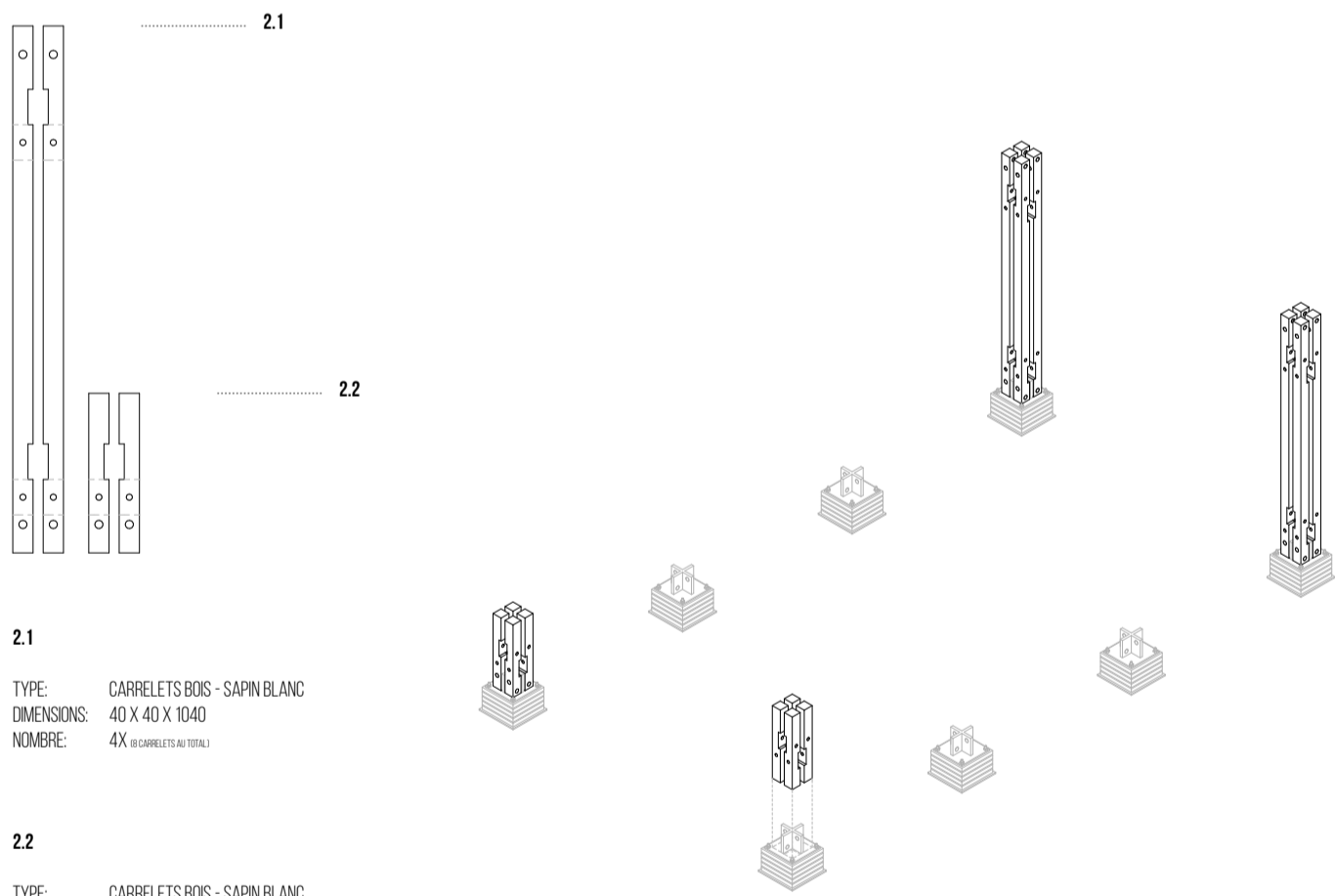
### PROJET DE MASTER - JANVIER 2018



**1.1**  
TYPE: PLAQUE DE FIXATION - ACIER INOX  
AMEN DROUX H-75  
DIMENSIONS: 140 X 140 X 8  
NOMBRE: 8

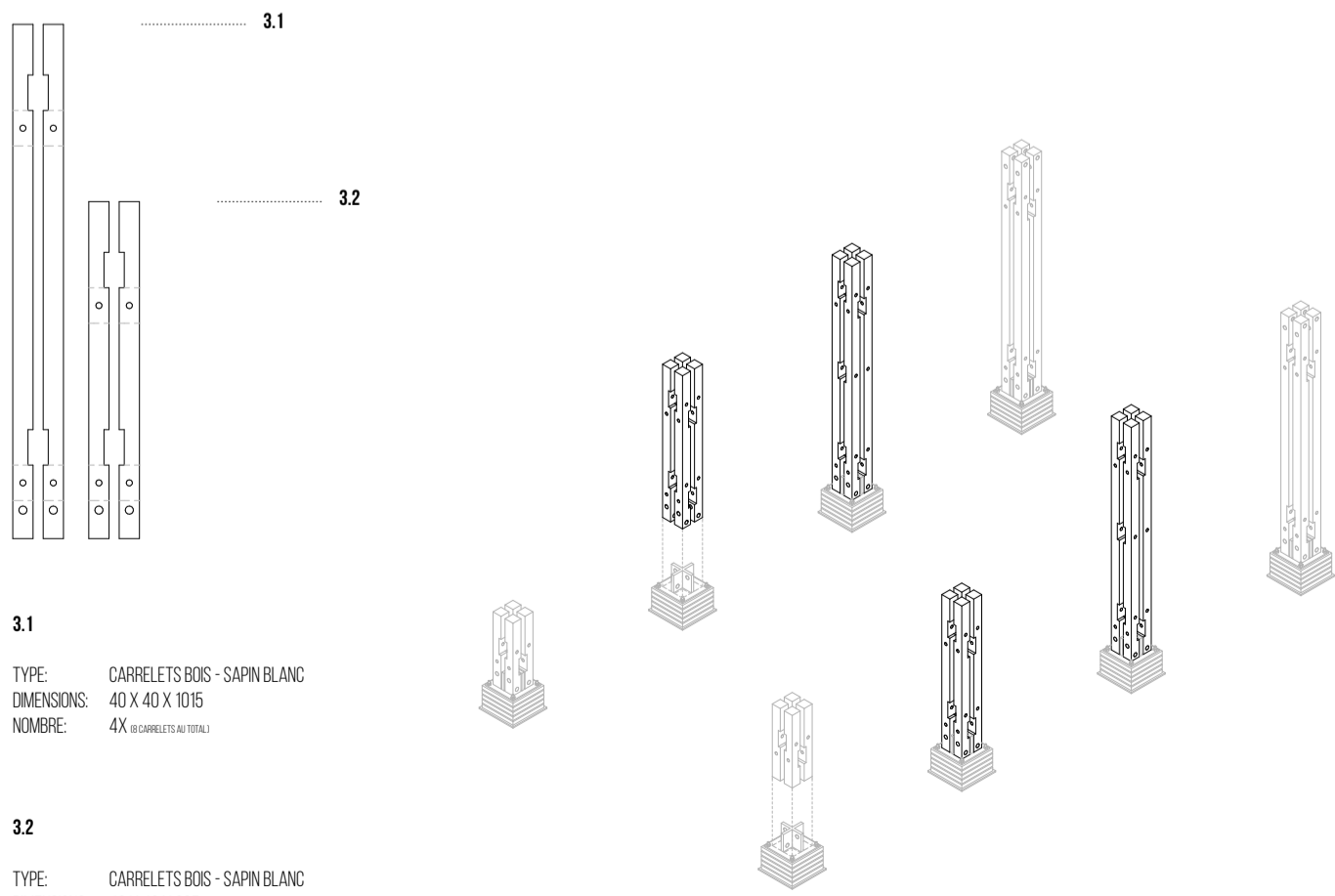
**1.2**  
TYPE: DALLETTE - BÉTON FERRE LP  
170 X 170 X 20  
DIMENSIONS: VARIABLE  
NOMBRE: VARIABLE

**1.3**  
TYPE: PLAQUE DE BASE - ACIER INOX  
TIGES FILETÉES SOUDÉES  
DIMENSIONS: 185 X 185 X 8  
NOMBRE: 8



**2.1**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 1040  
DIMENSIONS: 4X (4 CARRELETS PAR TIGE)  
NOMBRE:

**2.2**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 315  
DIMENSIONS: 4X (4 CARRELETS PAR TIGE)  
NOMBRE:



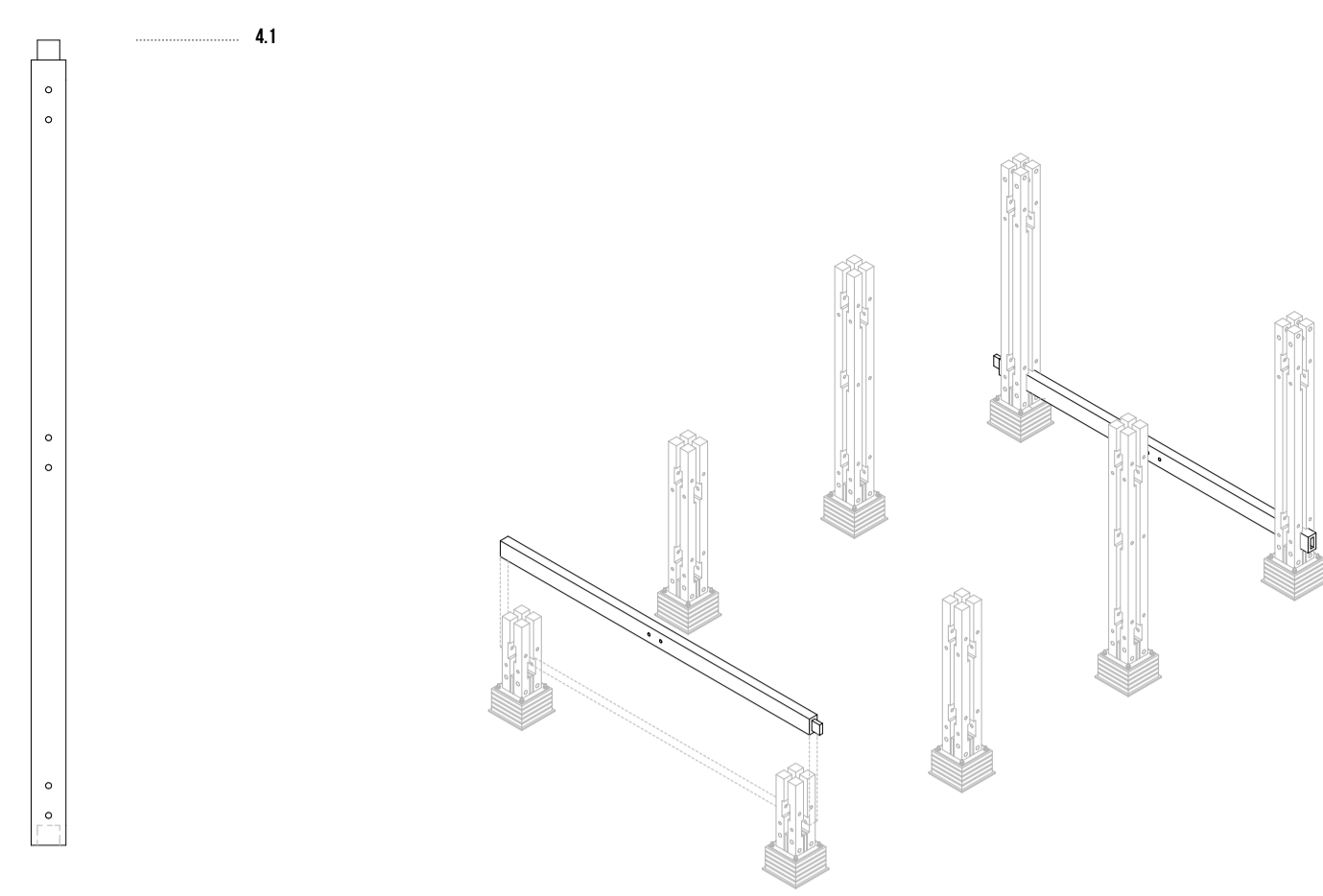
**3.1**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 1015  
DIMENSIONS: 4X (4 CARRELETS PAR TIGE)  
NOMBRE:

**3.2**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 665  
DIMENSIONS: 4X (4 CARRELETS PAR TIGE)  
NOMBRE:

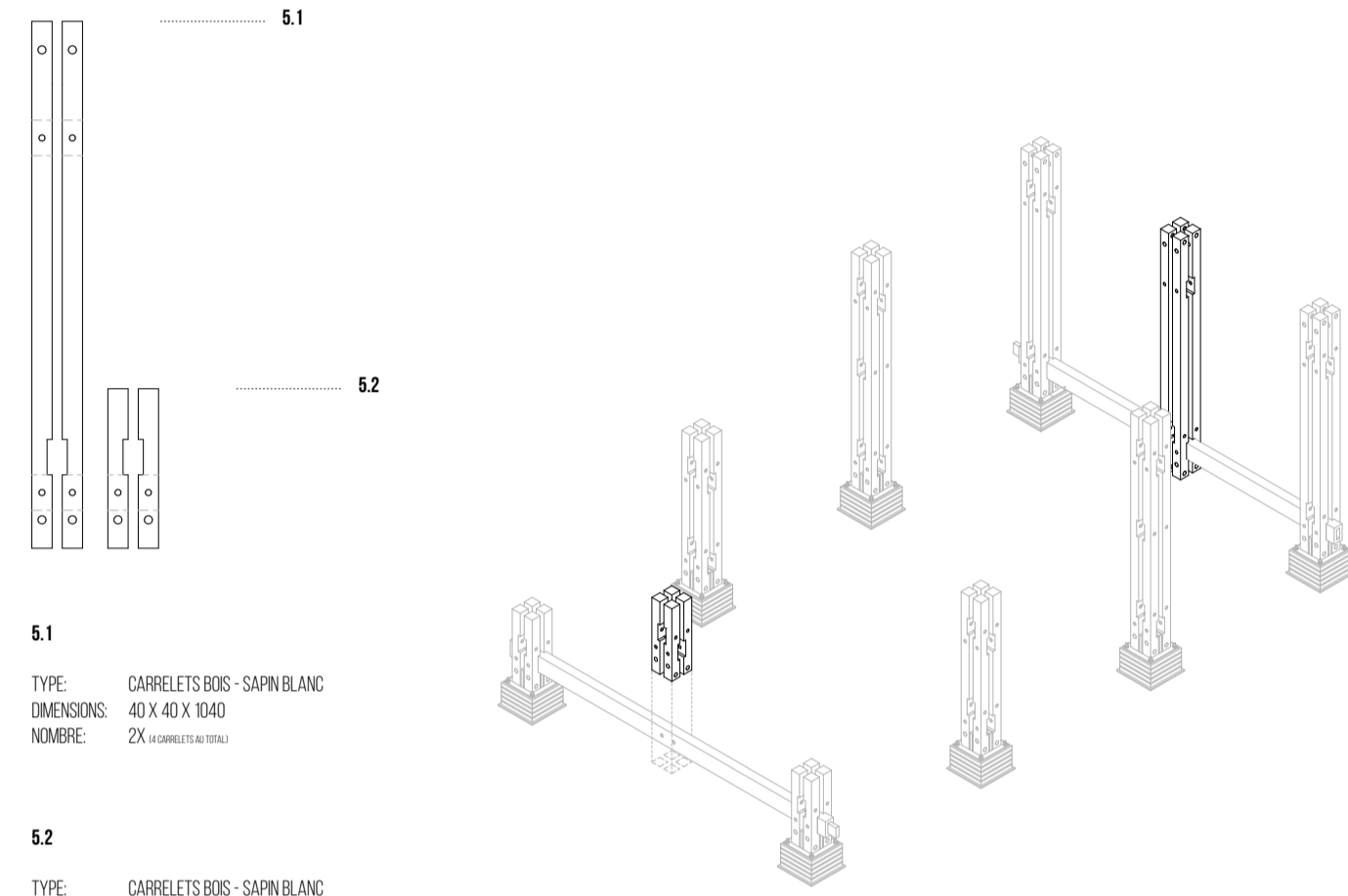
1

2

3

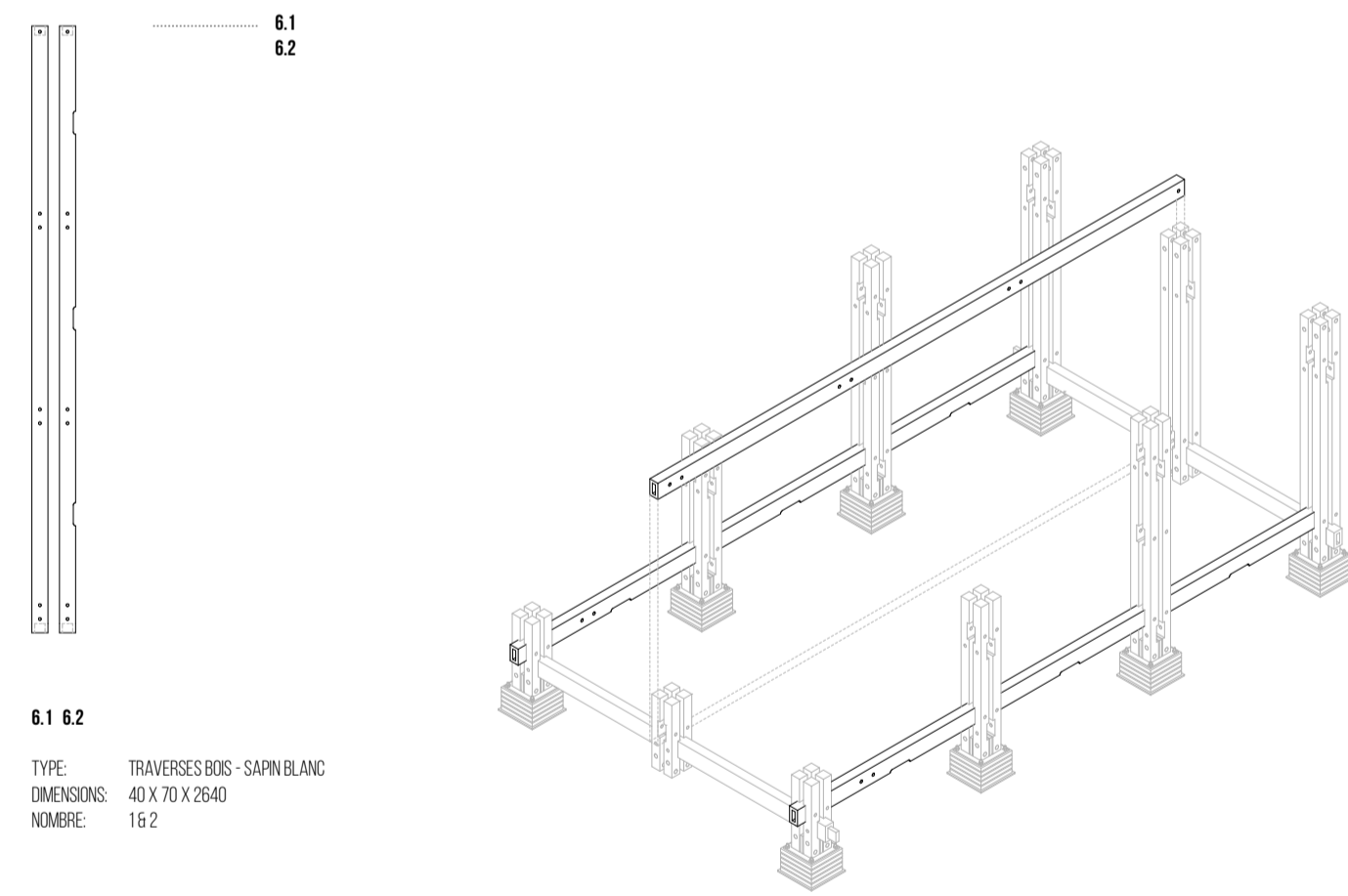


**4.1**  
TYPE: TRAVERSES BOIS - SAPIN BLANC  
40 X 70 X 820  
DIMENSIONS: 2  
NOMBRE:

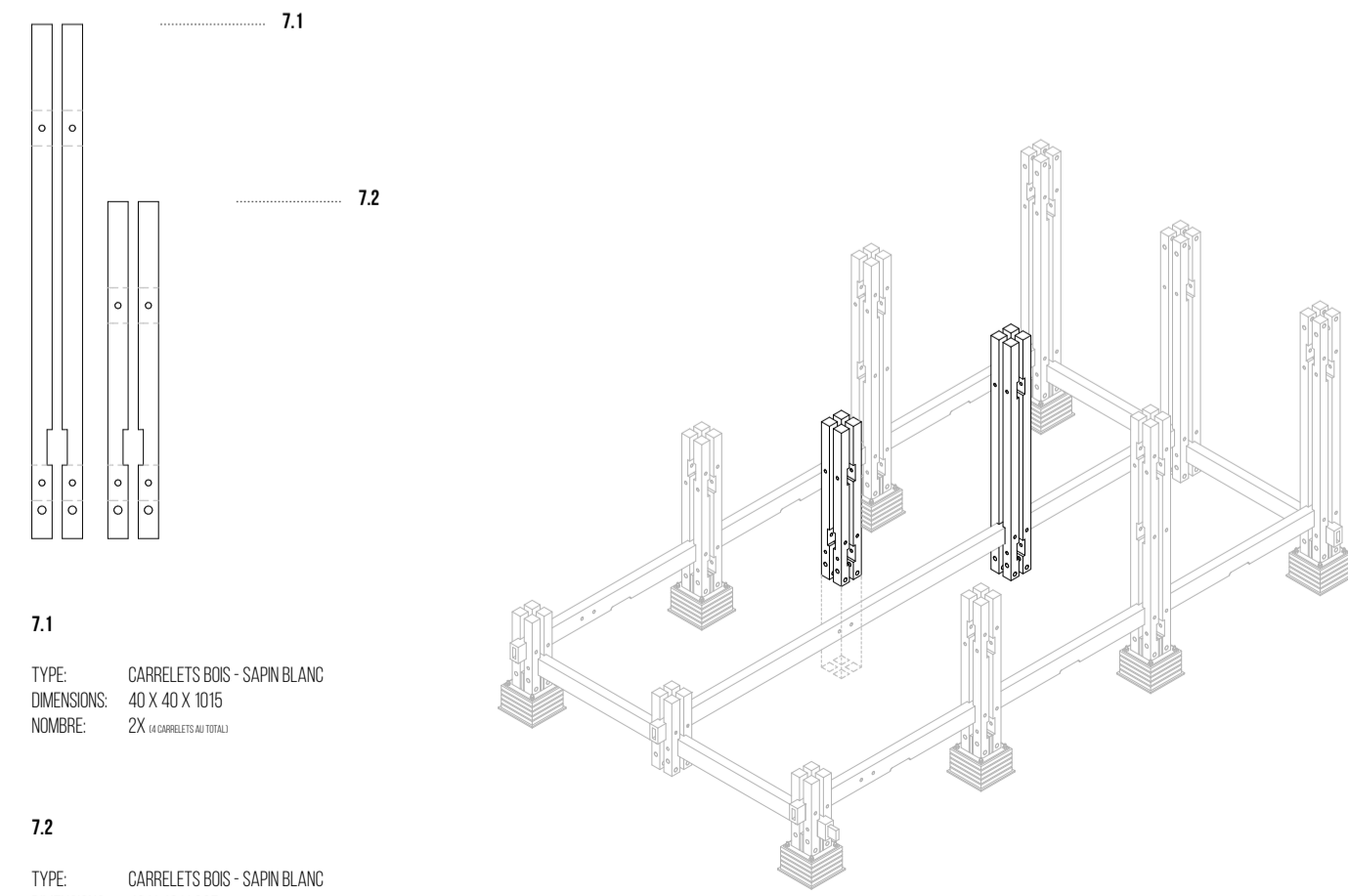


**5.1**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 1040  
DIMENSIONS: 2X (2 CARRELETS PAR TIGE)  
NOMBRE:

**5.2**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 315  
DIMENSIONS: 2X (2 CARRELETS PAR TIGE)  
NOMBRE:



**6.1 6.2**  
TYPE: TRAVERSES BOIS - SAPIN BLANC  
40 X 70 X 2640  
DIMENSIONS: 16 2  
NOMBRE:



**7.1**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 1015  
DIMENSIONS: 2X (2 CARRELETS PAR TIGE)  
NOMBRE:

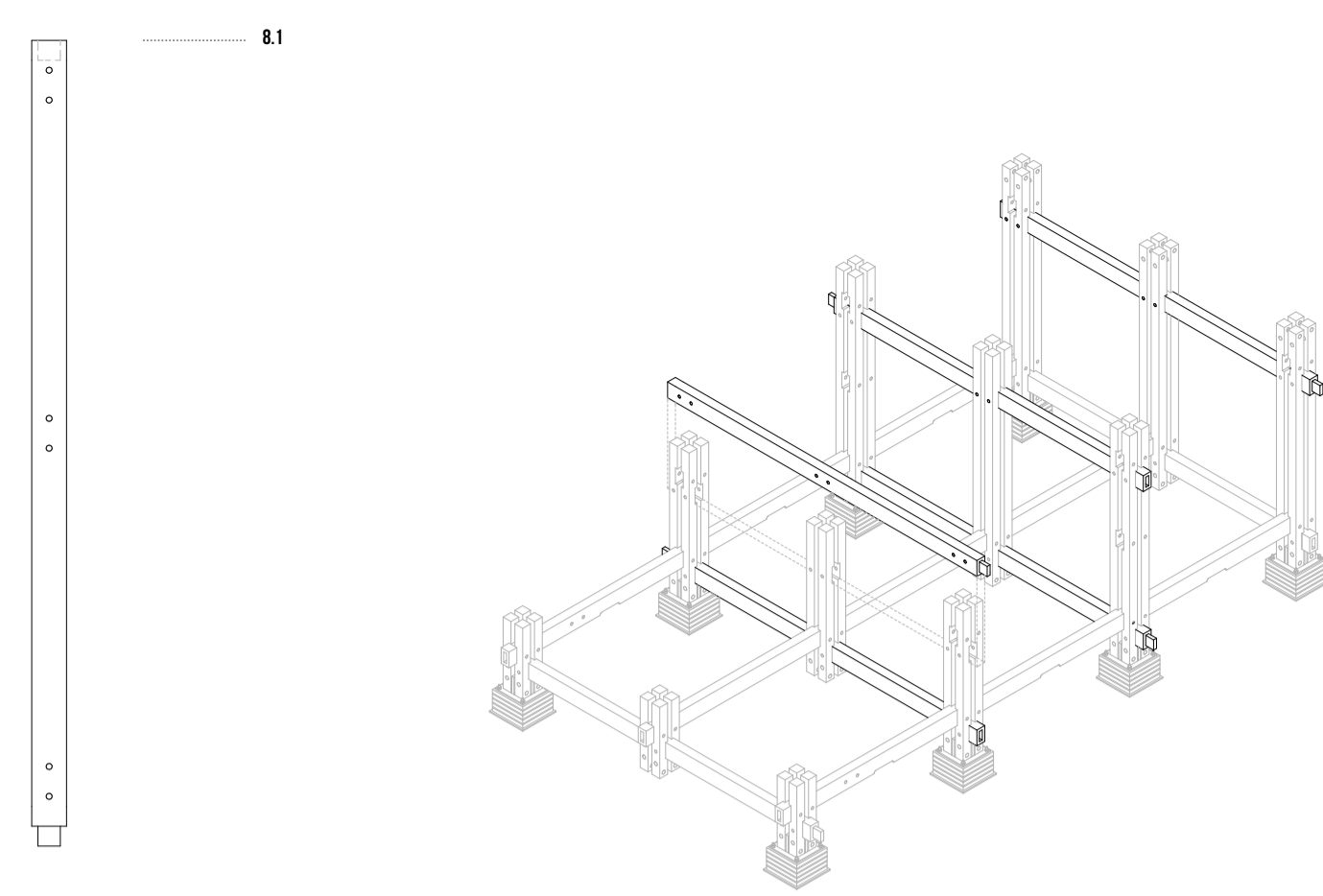
**7.2**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 665  
DIMENSIONS: 2X (2 CARRELETS PAR TIGE)  
NOMBRE:

4

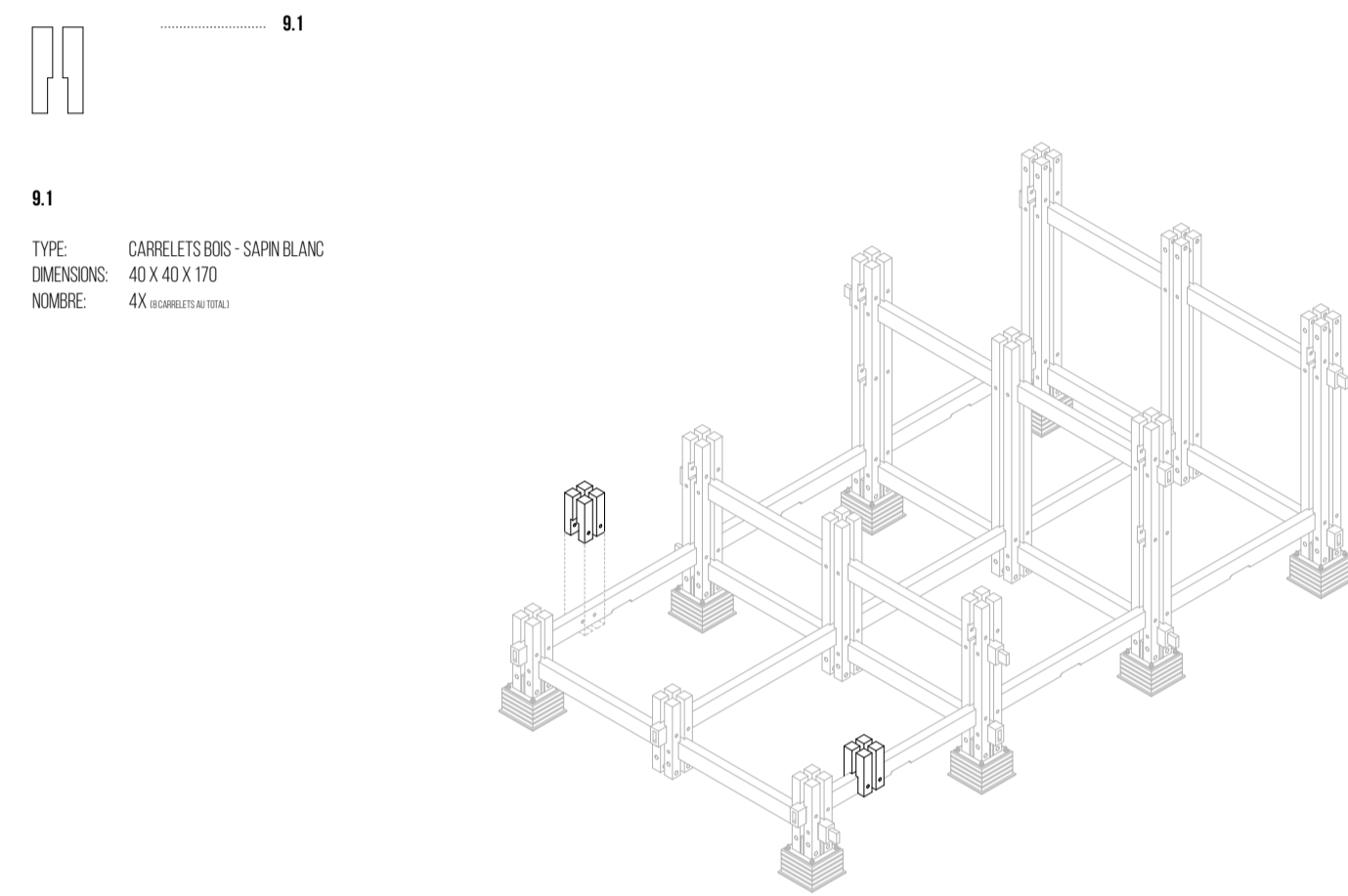
5

6

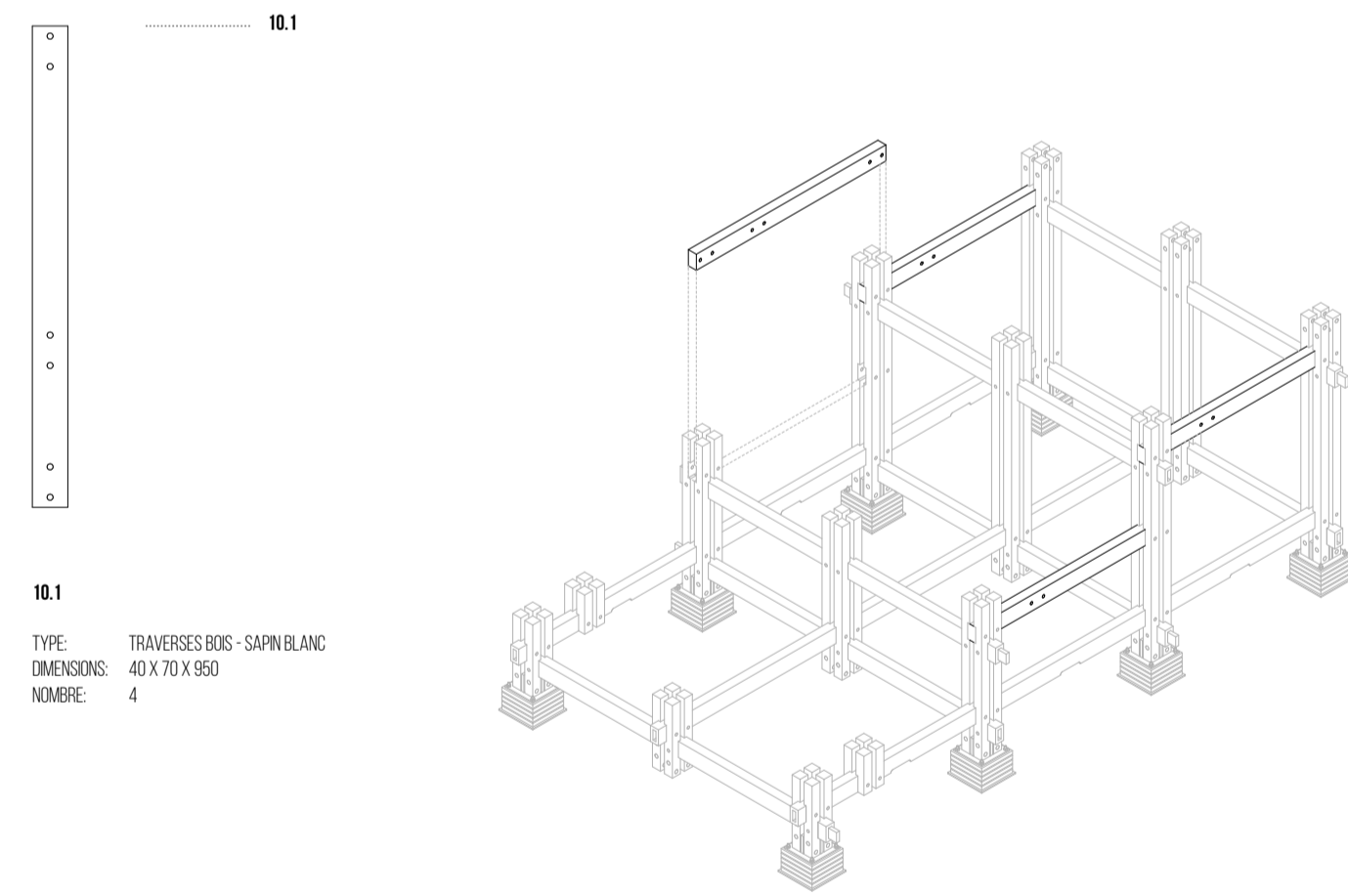
7



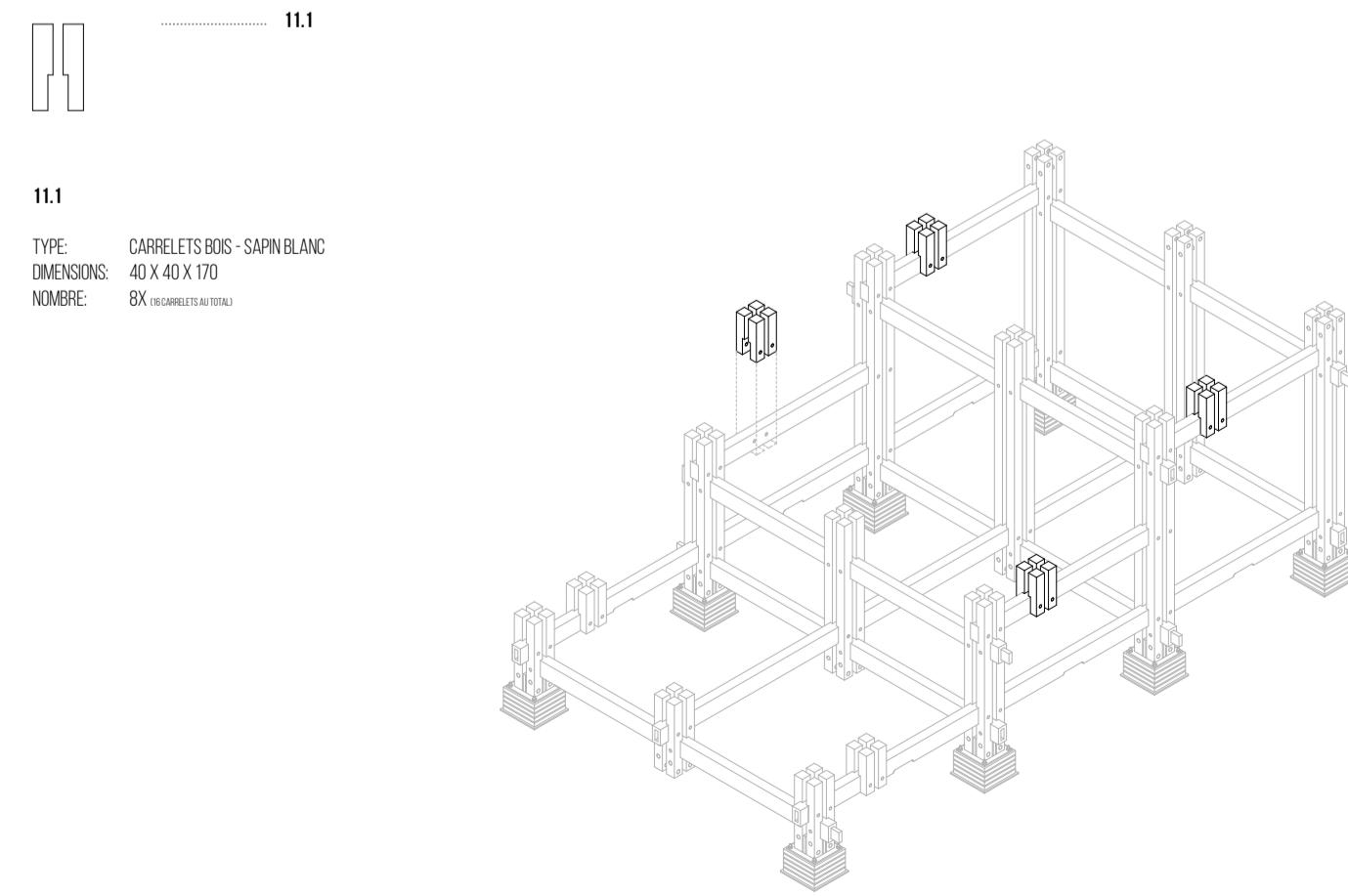
**8.1**  
TYPE: TRAVERSES BOIS - SAPIN BLANC  
40 X 70 X 820  
DIMENSIONS: 5  
NOMBRE:



**9.1**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 170  
DIMENSIONS: 4X (4 CARRELETS PAR TIGE)  
NOMBRE:



**10.1**  
TYPE: TRAVERSES BOIS - SAPIN BLANC  
40 X 70 X 950  
DIMENSIONS: 4  
NOMBRE:



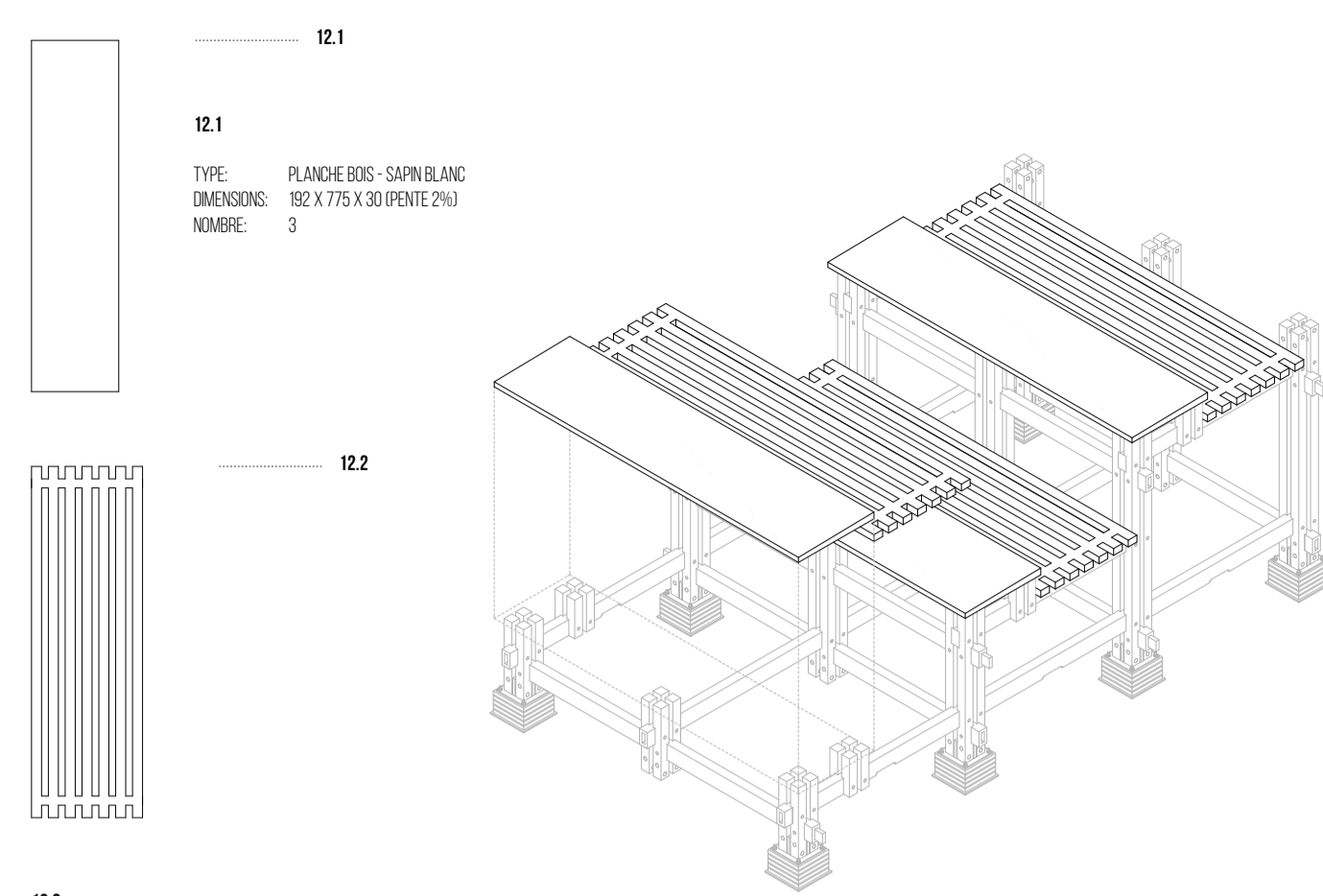
**11.1**  
TYPE: CARRELETS BOIS - SAPIN BLANC  
40 X 40 X 170  
DIMENSIONS: 8X (8 CARRELETS PAR TIGE)  
NOMBRE:

8

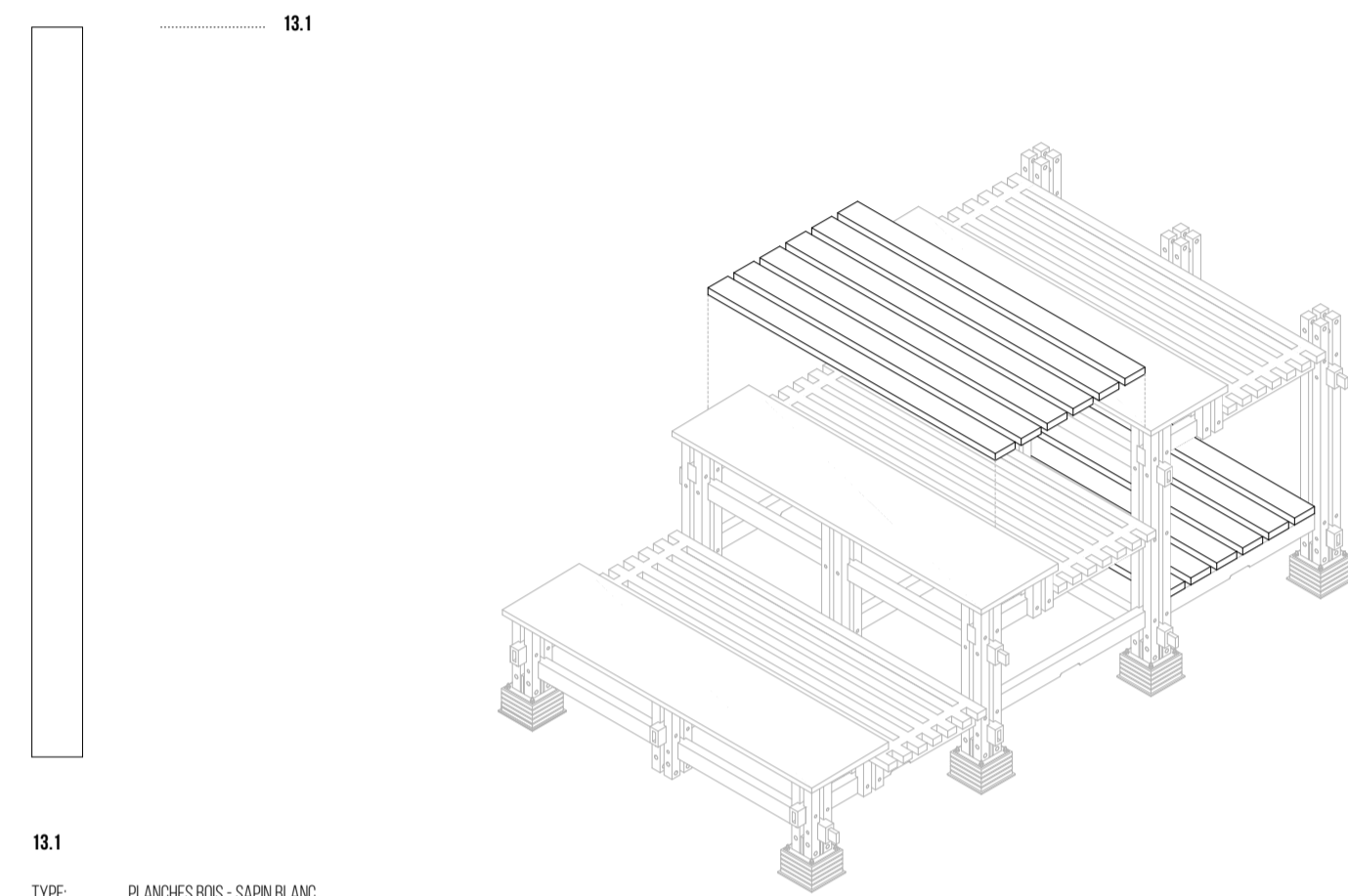
9

10

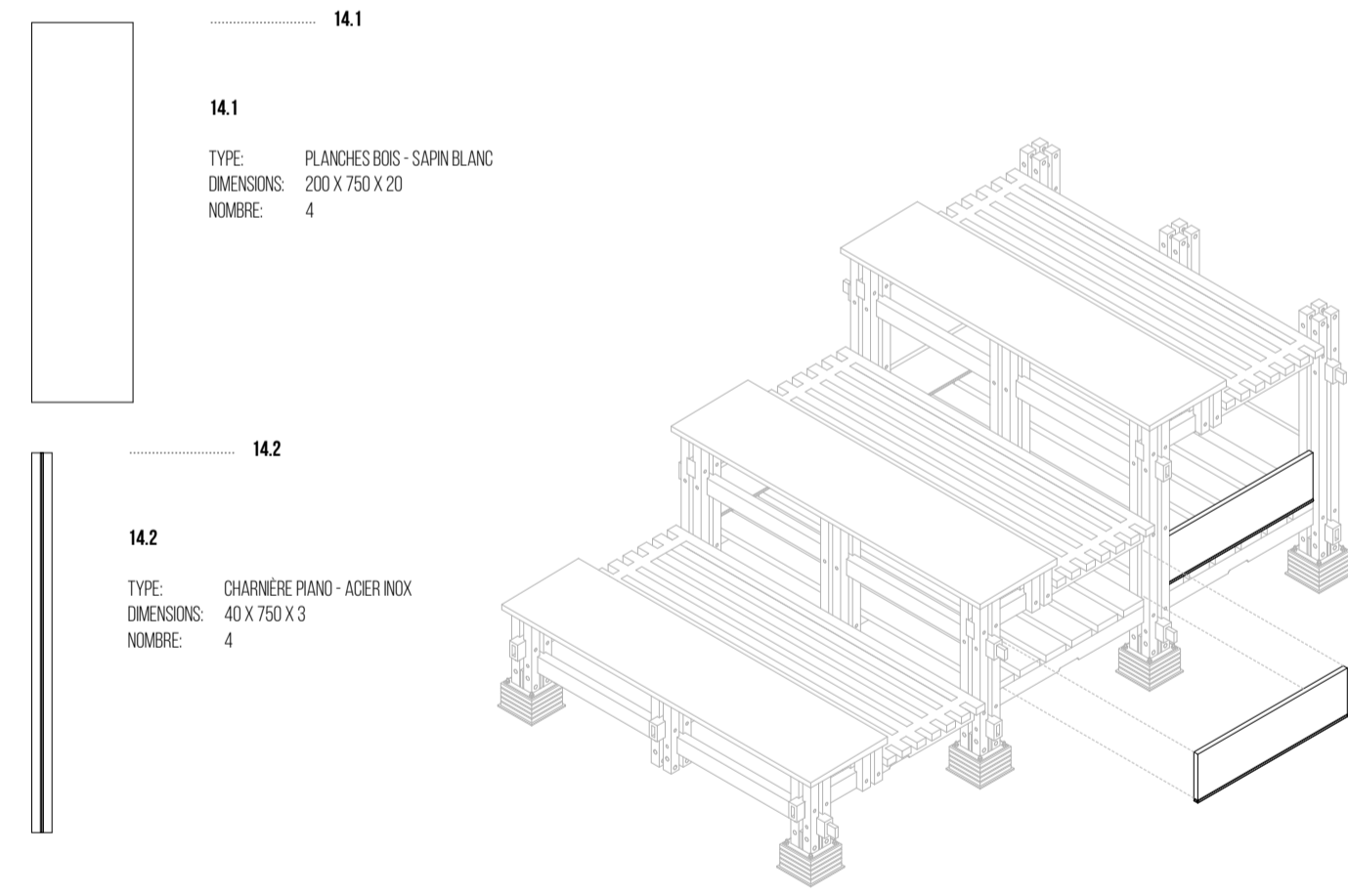
11



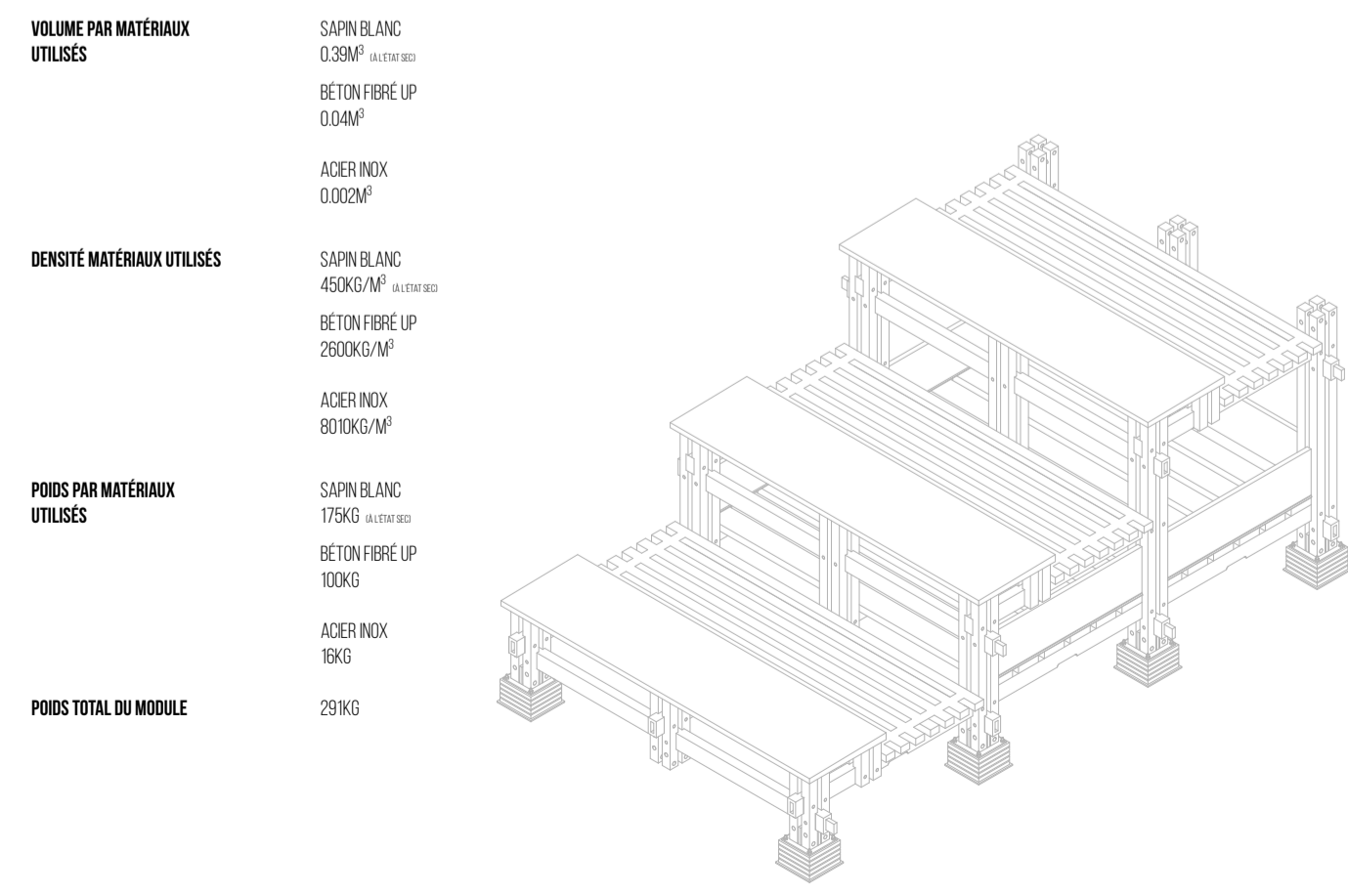
**12.1**  
TYPE: PLANCHE BOIS - SAPIN BLANC  
182 X 775 X 30 (PENTE 2%)  
DIMENSIONS: 3  
NOMBRE:



**12.2**  
TYPE: PLANCHE BOIS - SAPIN BLANC  
245 X 775 X 30  
DIMENSIONS: 3  
NOMBRE:



**13.1**  
TYPE: PLANCHES BOIS - SAPIN BLANC  
100 X 1440 X 30  
DIMENSIONS: 12  
NOMBRE:



**14.1**  
TYPE: PLANCHES BOIS - SAPIN BLANC  
200 X 750 X 20  
DIMENSIONS: 4  
NOMBRE:

**14.2**  
TYPE: CHARNÈRE PIANO - ACIER INOX  
40 X 750 X 3  
DIMENSIONS: 4  
NOMBRE:

12

13

14

VOLUME PAR MATÉRIAUX UTILISÉS	SAPIN BLANC 0,28M <sup>3</sup> (0,28M <sup>3</sup> )
	BÉTON FERRE LP 0,04M <sup>3</sup>
	ACIER INOX 0,002M <sup>3</sup>
DENSITÉ MATÉRIAUX UTILISÉS	SAPIN BLANC 450KG/M <sup>3</sup> (0,45T/M <sup>3</sup> )
	BÉTON FERRE LP 2500KG/M <sup>3</sup>
	ACIER INOX 8000KG/M <sup>3</sup>
POIDS PAR MATÉRIAUX UTILISÉS	SAPIN BLANC 175KG (0,175T)
	BÉTON FERRE LP 100KG
	ACIER INOX 16KG
POIDS TOTAL DU MODULE	291KG

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