

# PLAYBOX

Playbox are large mobile boxes with games and fun for all - Anderlecht, Belgium - 2015-2018

# FINAL OBJECT

A word about cultureghem ?

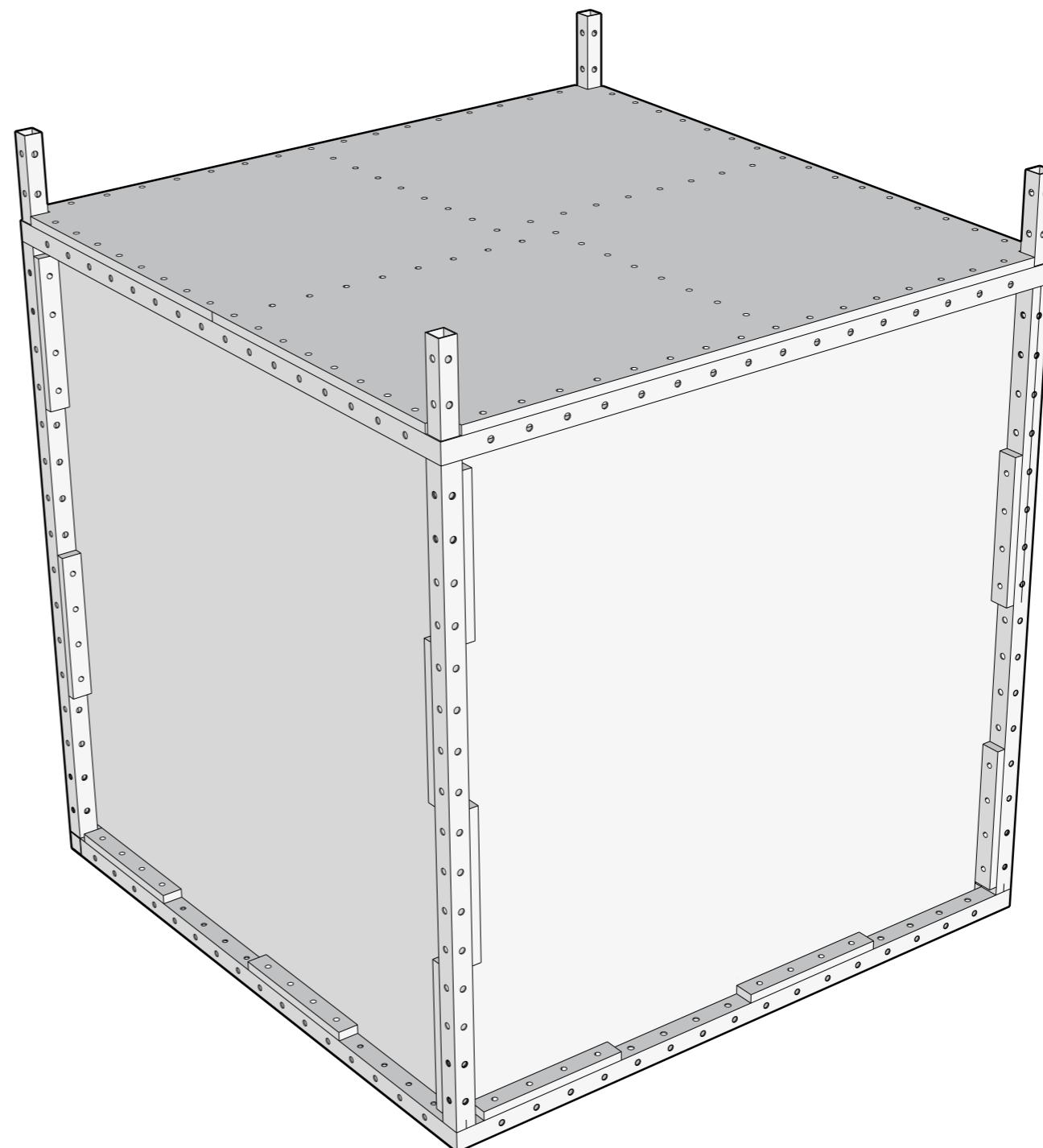
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Playboxes are mobile tools that convert the public space into a playground. Wheeled cube structure used as a toy chest and as a physical element materializing a play area.

This guide will help you understand how you can make your own mobile kitchens. Please feel free to use these ideas in any which way you want and share your progress, failures and successes on these pages. That way we can all build the city together.

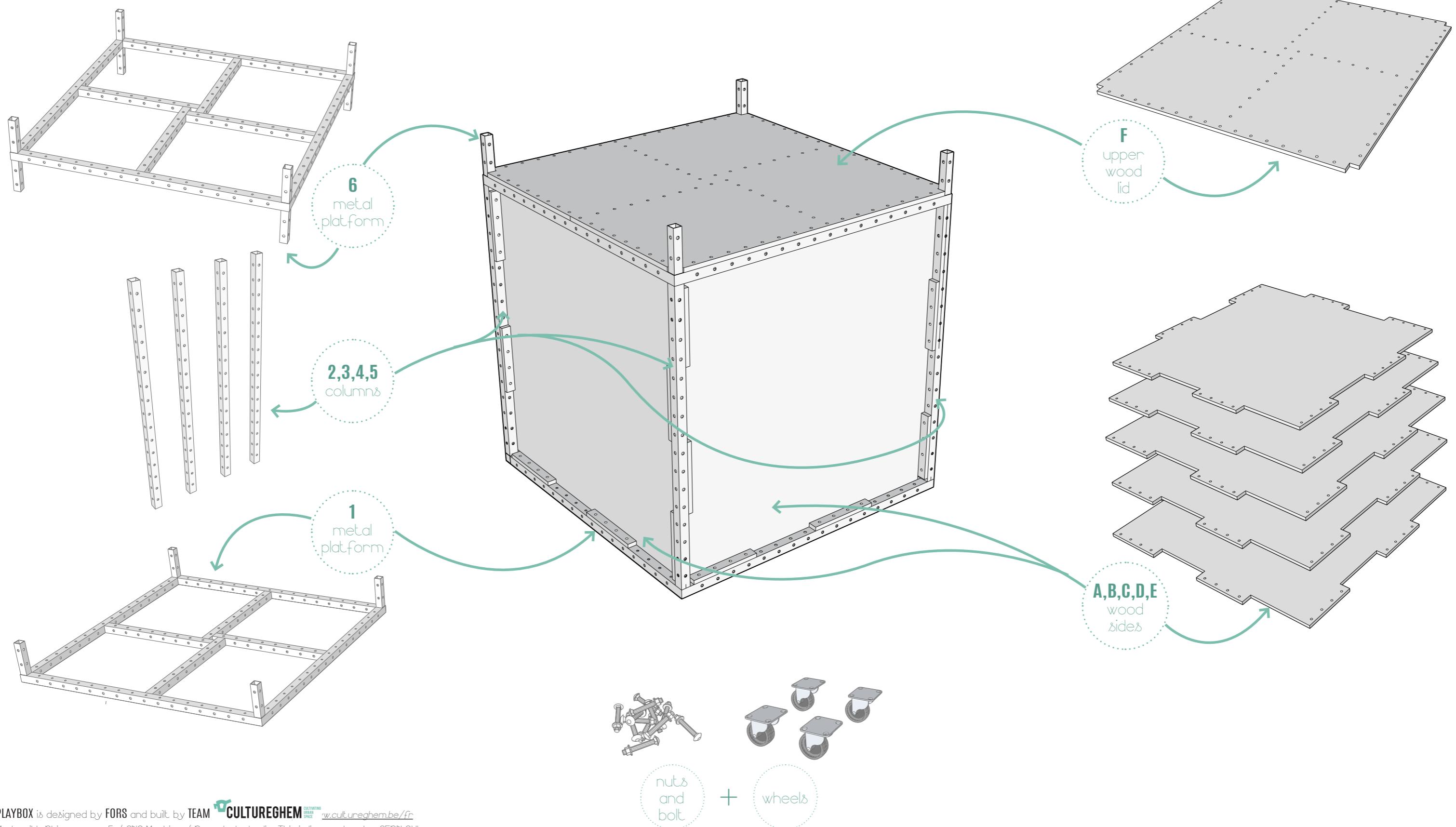


Tools	Machines	Material
Allen wrench	CNC	Wood planks - 18mm
Driller	Welding machine	Steel (columns + welding)
Steel bit	Grinder	Bolts and nuts (assembly)

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## PIECES INVENTORY



PLAYBOX is designed by FORS and built by TEAM CULTUREGHEM [www.cultureghem.be/fr](http://cultureghem.be/fr)

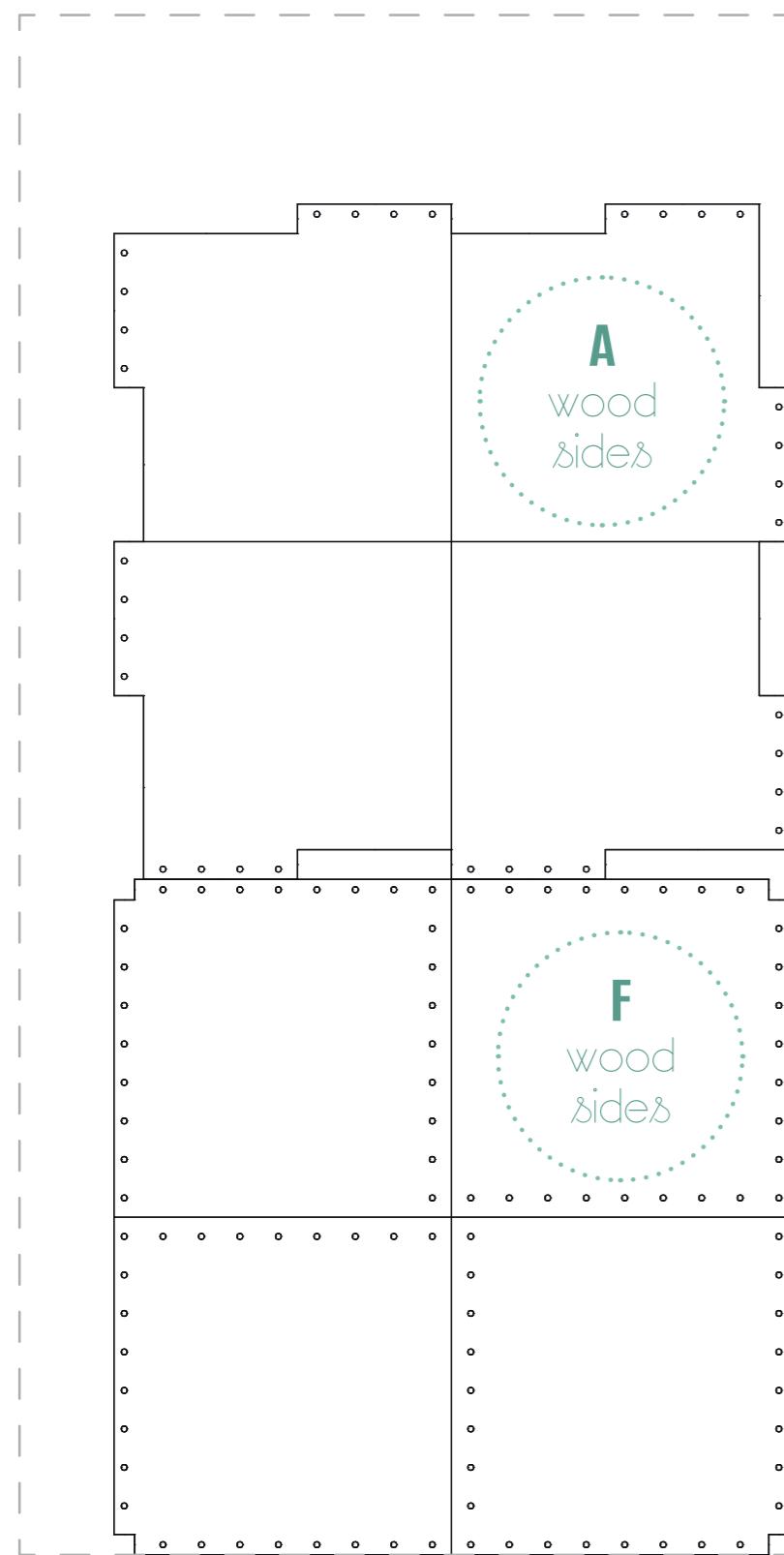
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# PLAYBOX

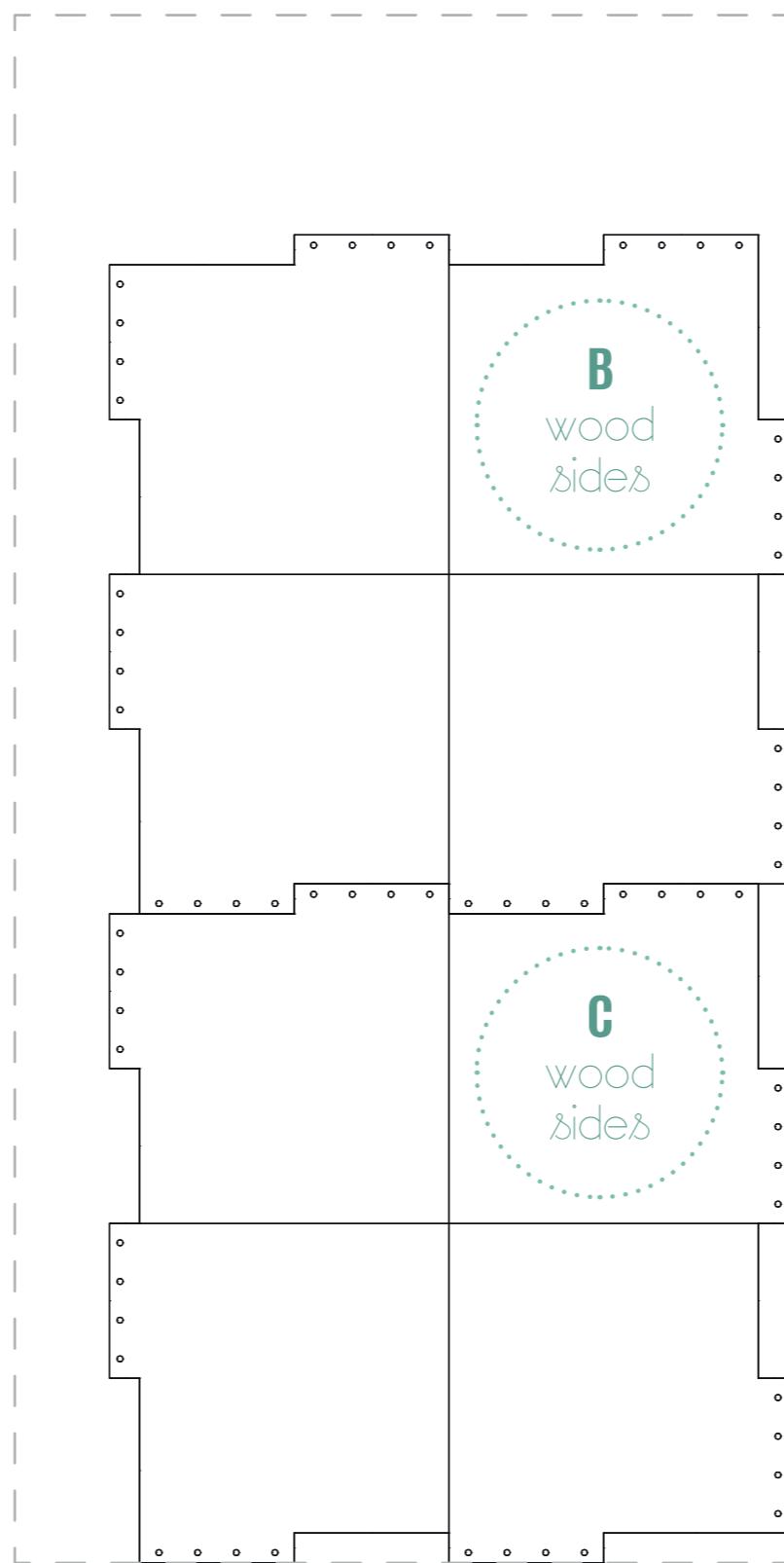
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Stage 1 : Cutting pieces with CNC

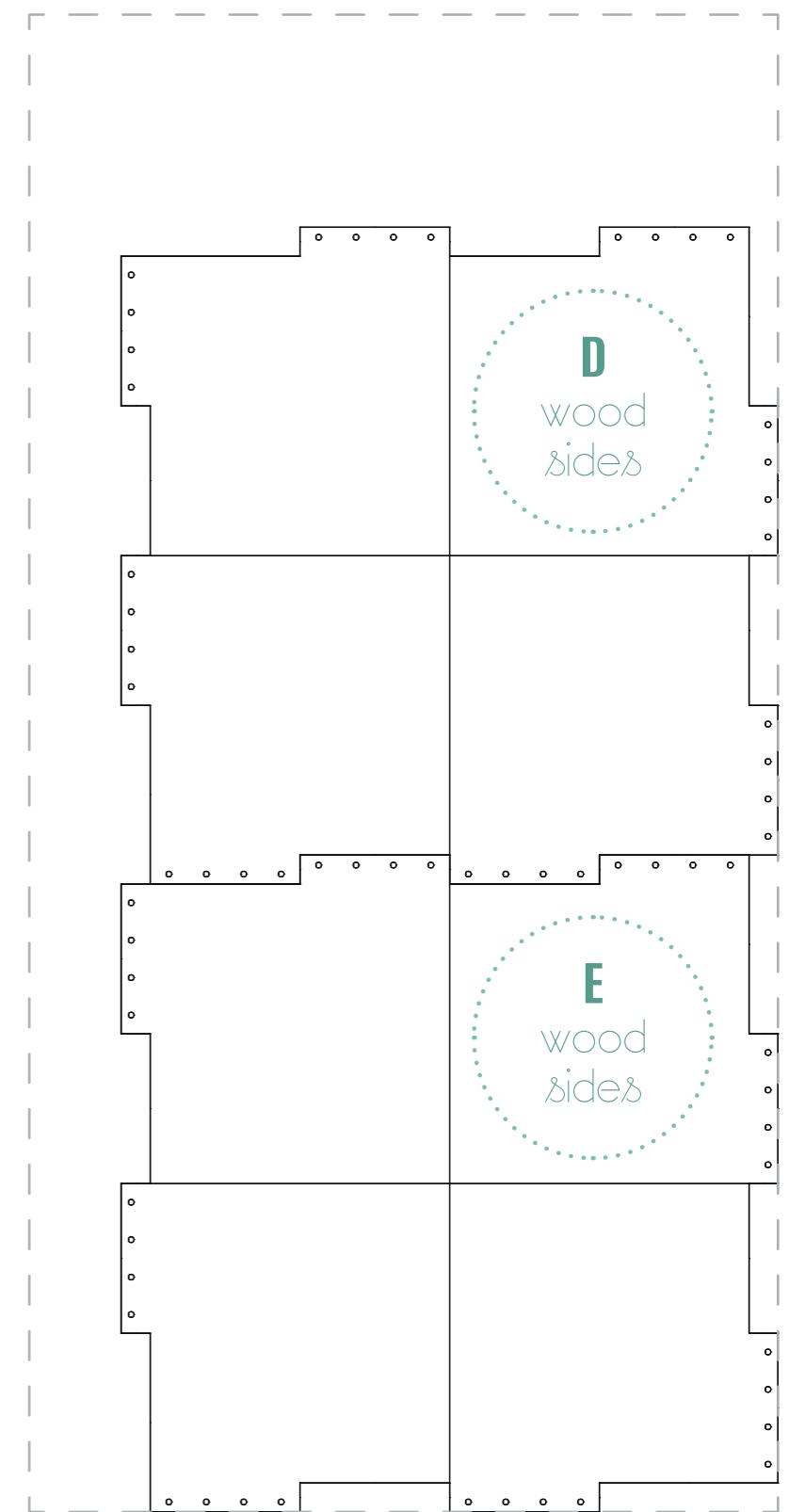
SEPARATED PIECES ON WOODEN BOARDS



Wooden plank 150 cm x 300 cm x 18mm



Wooden plank 150 cm x 300 cm x 18mm

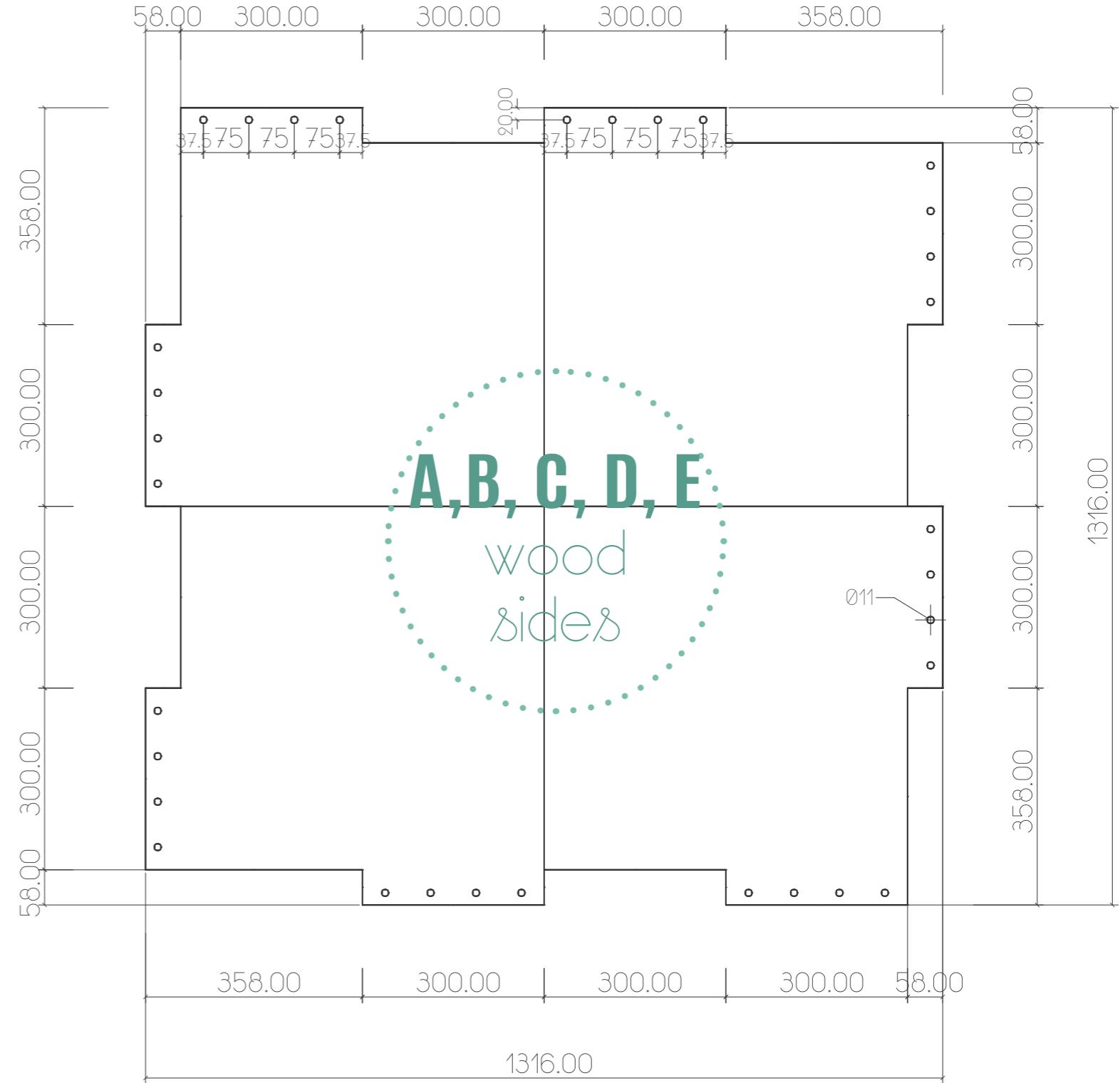
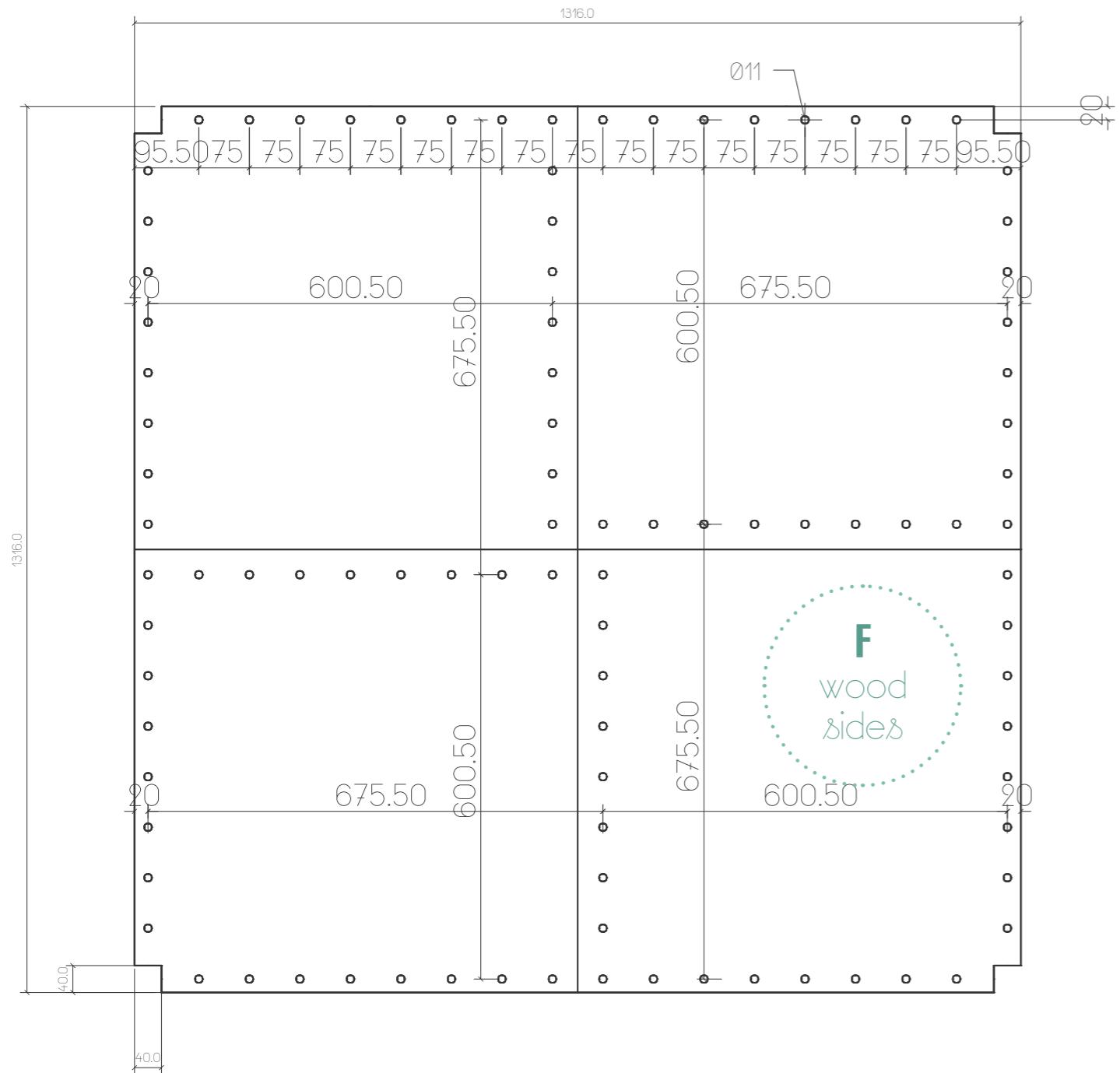


Wooden plank 150 cm x 300 cm x 18mm

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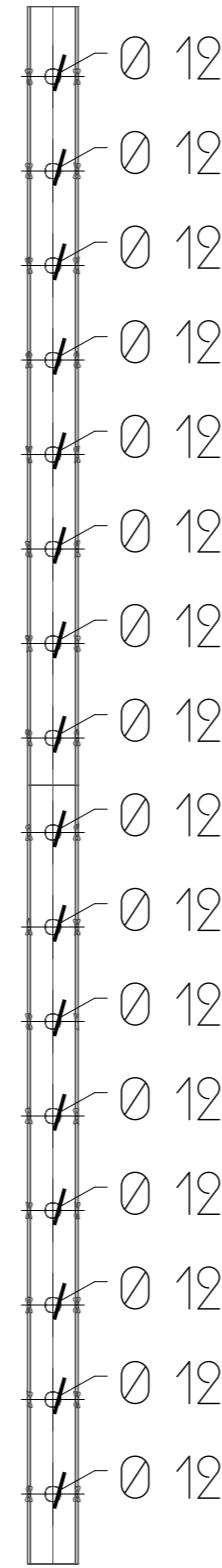
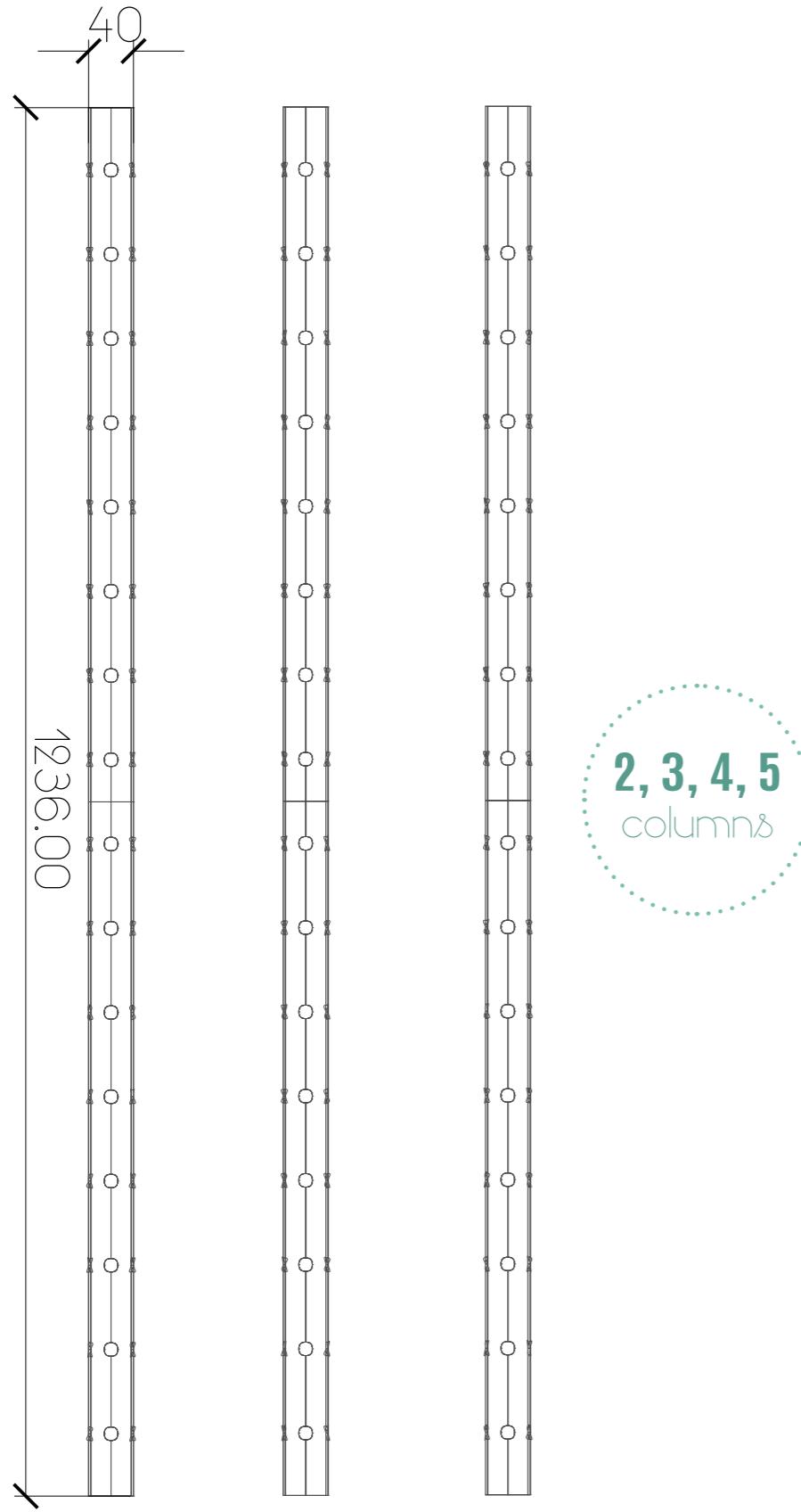
## 2 types of wooden panel WOODEN PANELS DIMENSIONS



# PLAYBOX

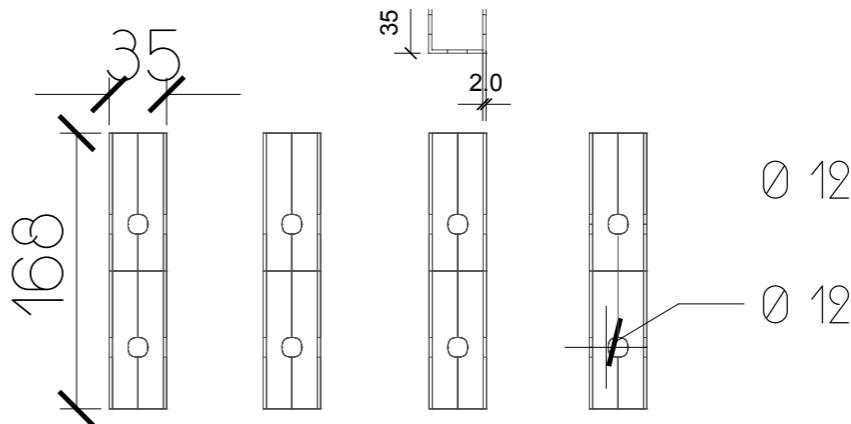
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## Stage 2 : Jigsaw cutting + Welding + Drilling GET STEEL PIECES

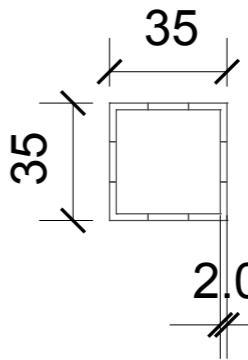


All the metal parts (of square sections) are cut to the right dimensions using a jigsaw, then drilled transversely thanks to the drill press.

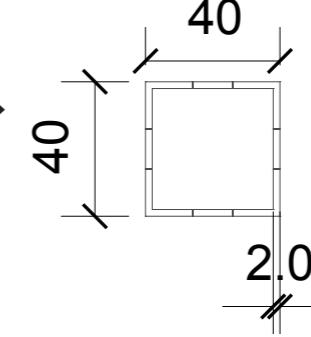
### METAL PLATFORM FEET



Feets sections →



Columns sections →

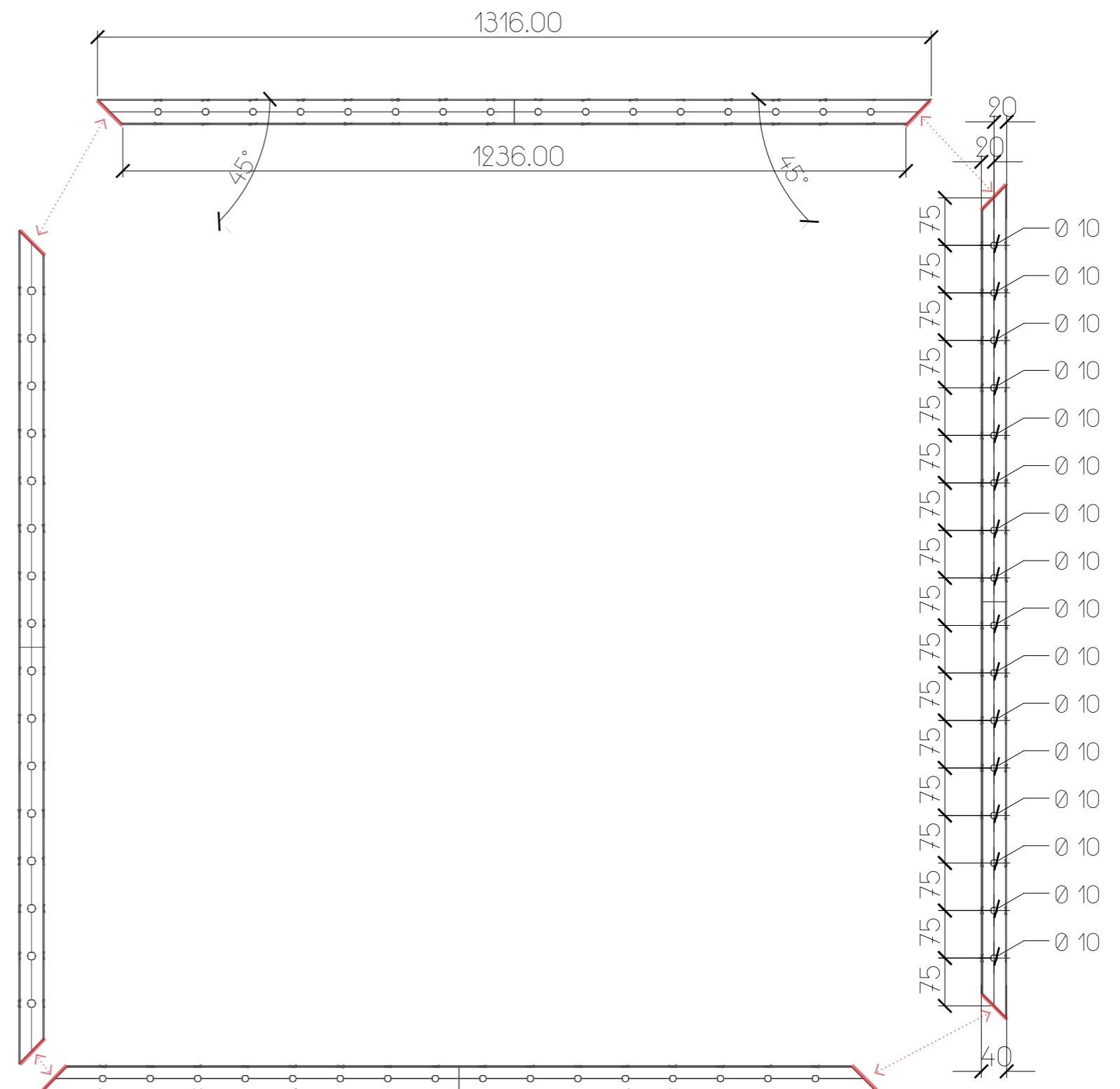
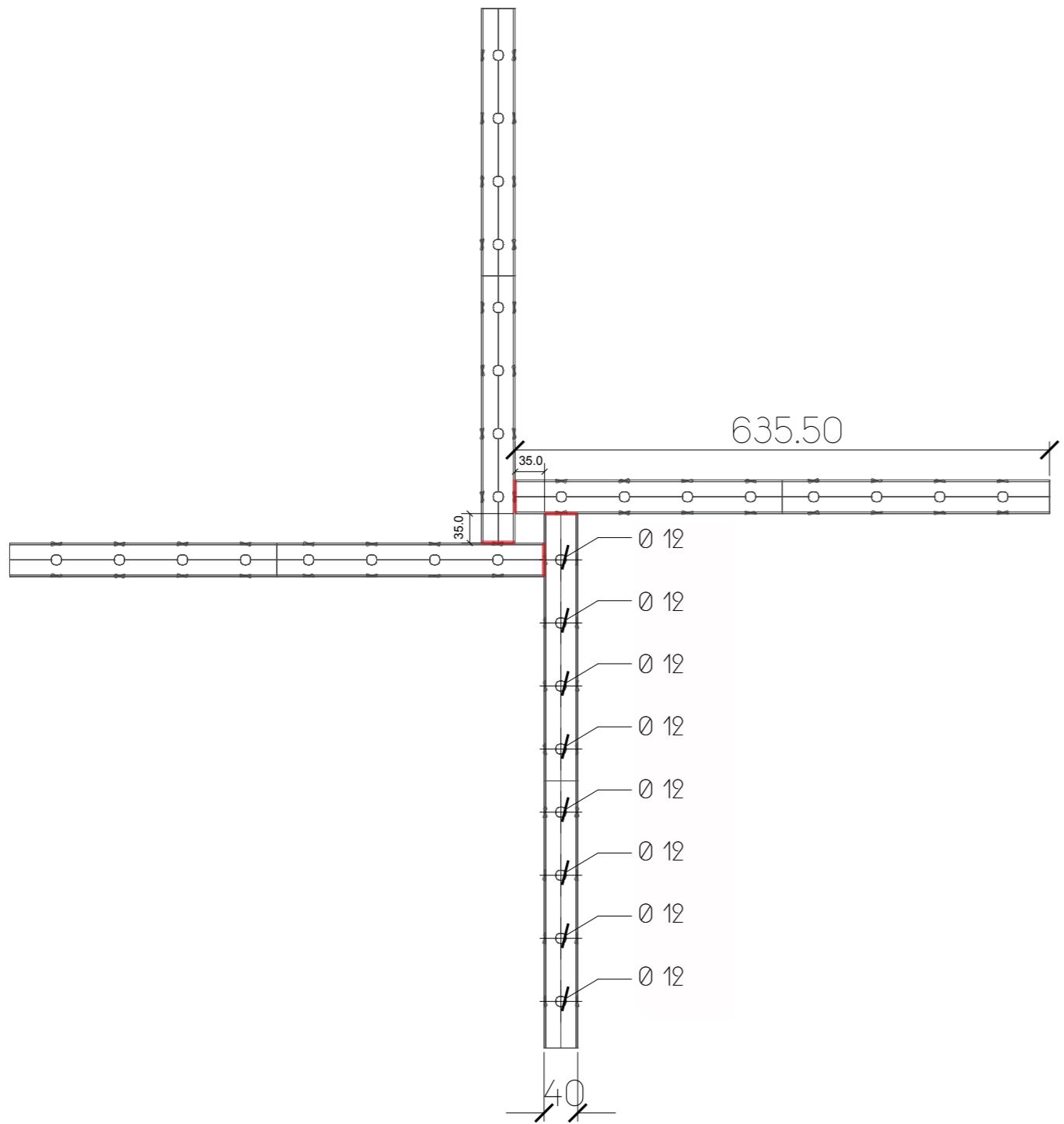


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## Stage 2 : Jigsaw cutting + Welding + Drilling GET STEEL PIECES

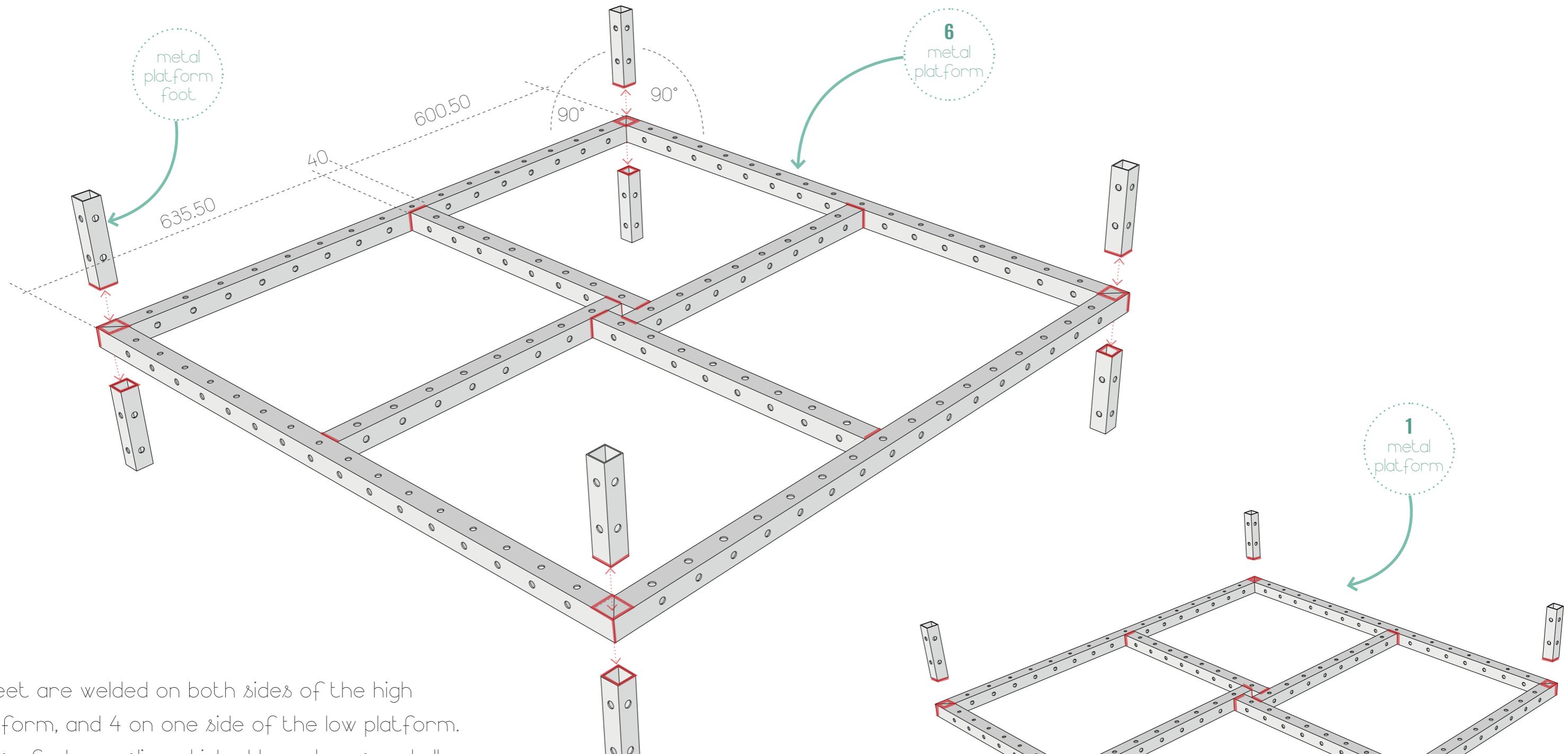
The central structure is welded, before being inserted into the frame, which is also welded in its 4 corners.



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## Stage 2 : Jigsaw cutting + Welding + Drilling GET STEEL PIECES

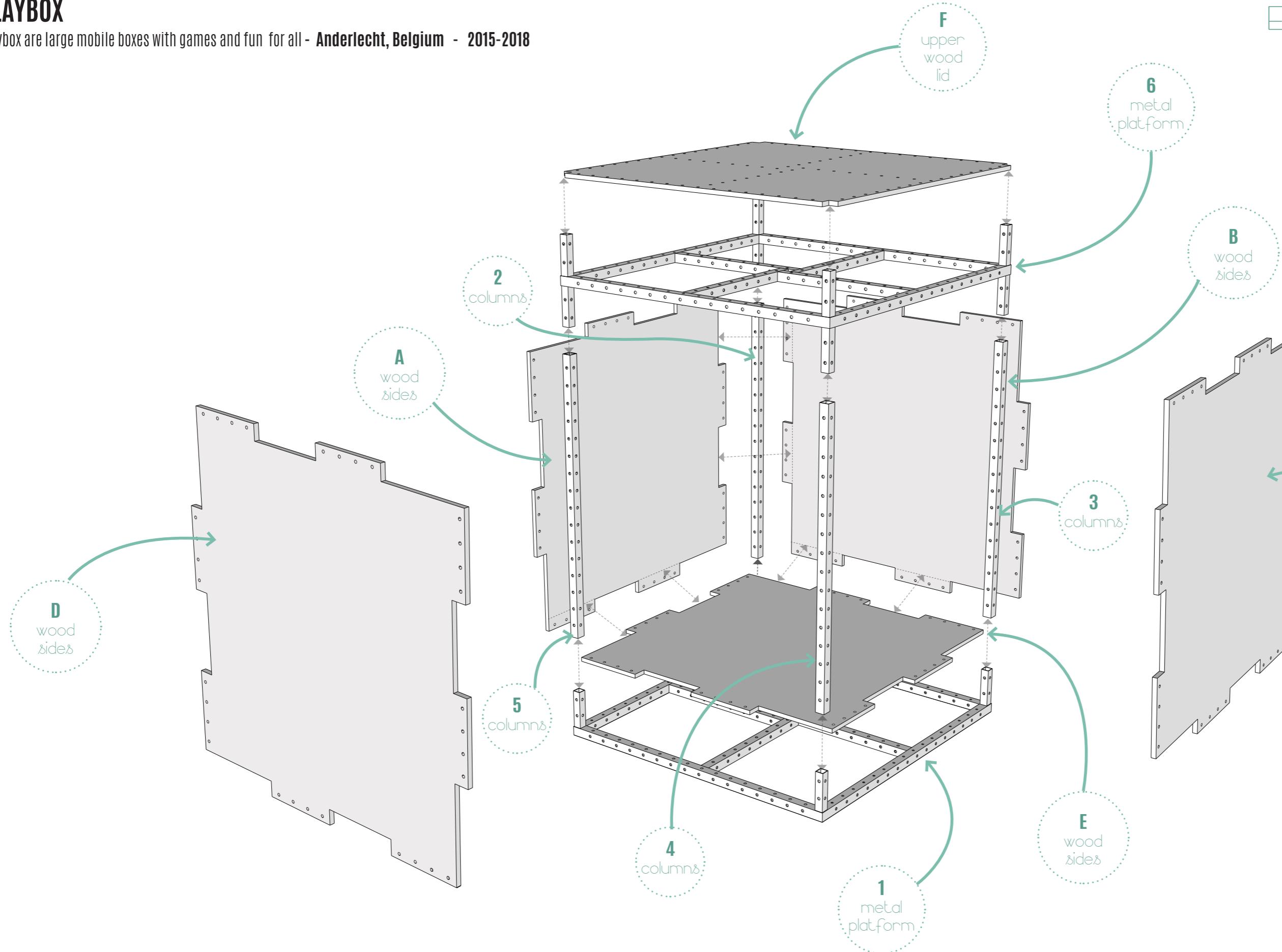


8 feet are welded on both sides of the high platform, and 4 on one side of the low platform. These feet are slipped into the columns and allow to maintain the entire structure.

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## EXPLODED VIEW



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**PLAYBOX**

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# LAI'D OUT TEMPLATE



PLAYBOX is designed by EOBS and built by TEAM CULTUREGHEM CULTIVATING  
CULTURE IN SPACES [www.cultureghem.be/fr](http://cultureghem.be/fr)

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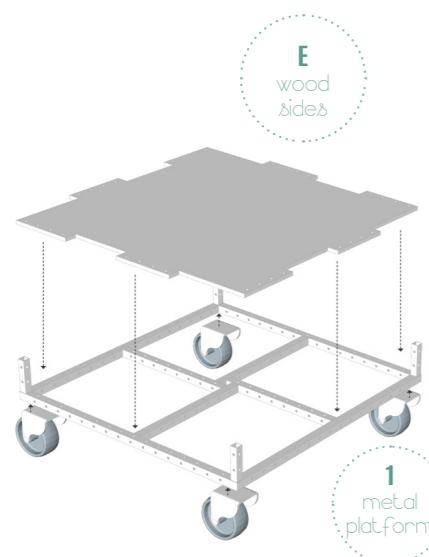
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# PLAYBOX

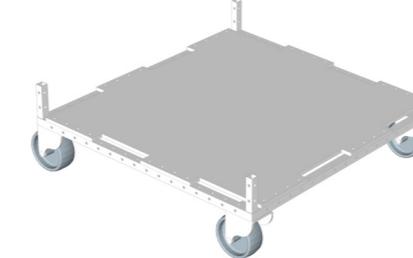
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## ASSEMBLY STEPS



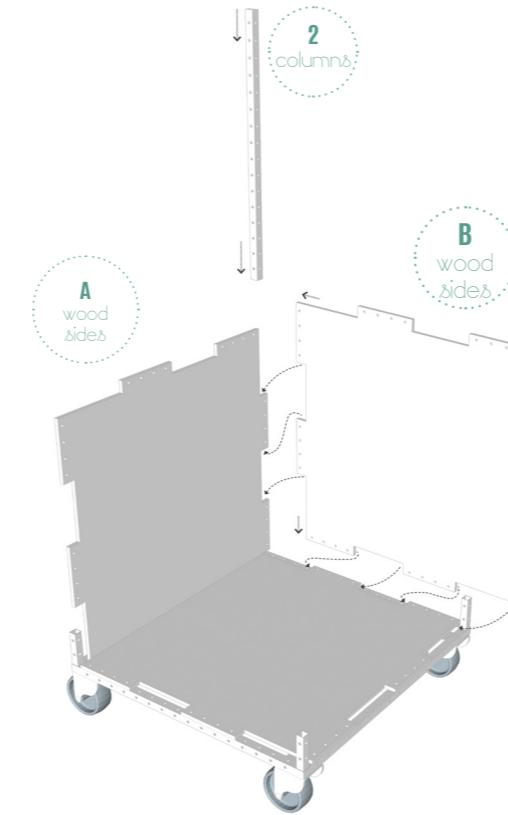
### STEP 1

Put wheels, bottom metal platform (1), and the underside wood (E) together



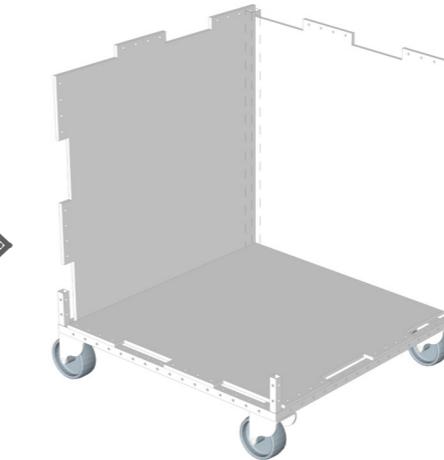
### STEP 1 bis

Prepare the 4 sides (A, B, C, D) and the 4 columns (2,3,4,5)



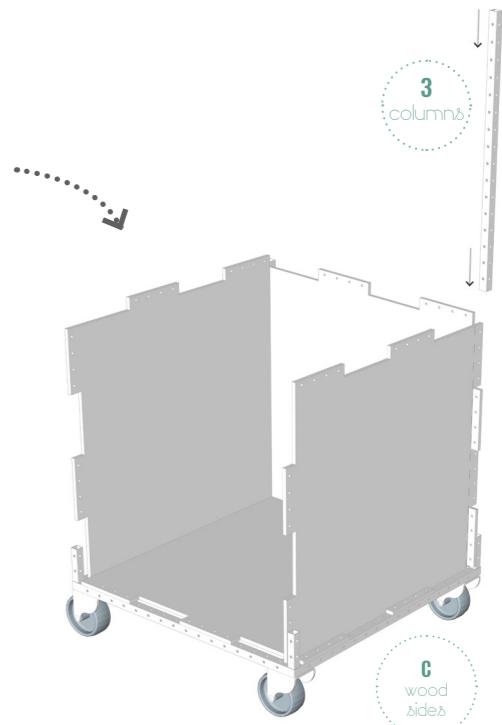
### STEP 2

Insert and assemble 2 wood sides (A, B) between them and with the side E, by putting notches in holes.



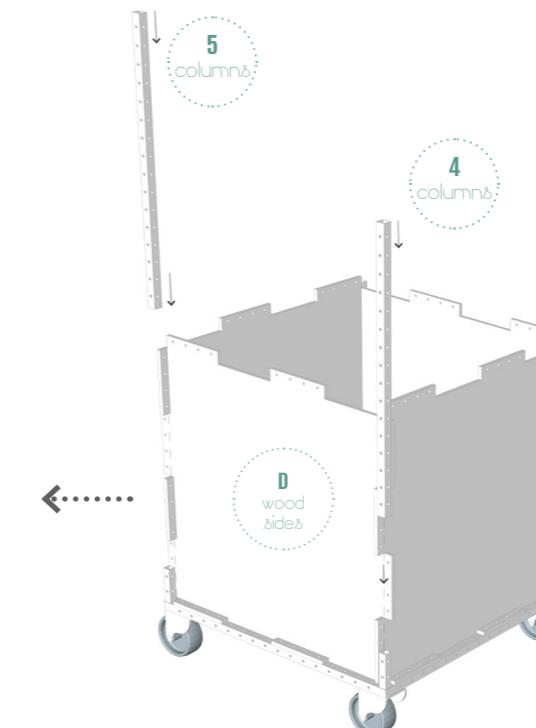
### STEP 2 bis

Slide the column 1, in the corner created to reinforce. The column maintain itself thanks to the metal piece on the platform.



### STEP 3

Do it again. Add another side (C) and slide the column 2, in the corner created by the sides B and C.

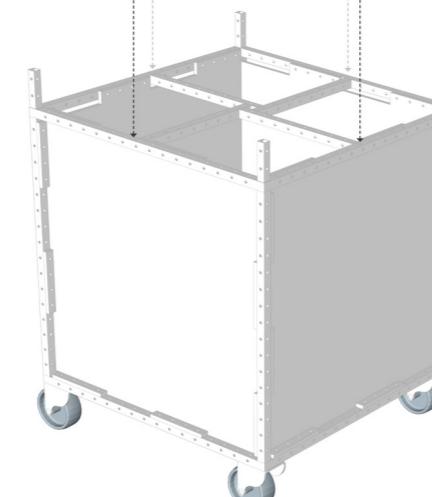


### STEP 5

Place and slide the upper platform (6) into the rest.

### FINAL STEP

Now all your pieces are together. After that you have to fix it with nuts and bolts.



### STEP 6

Add the last wood side (F) between the metal frame

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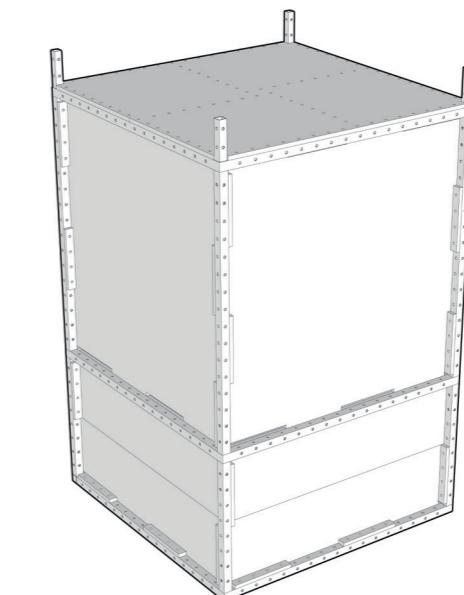
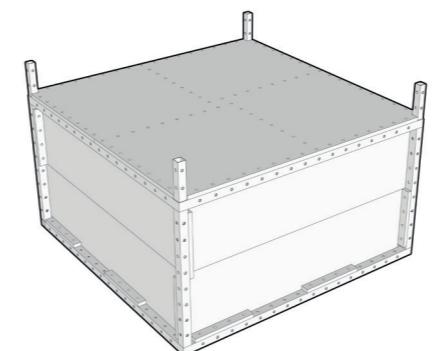
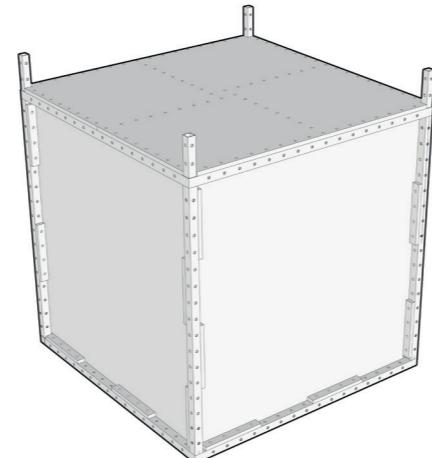
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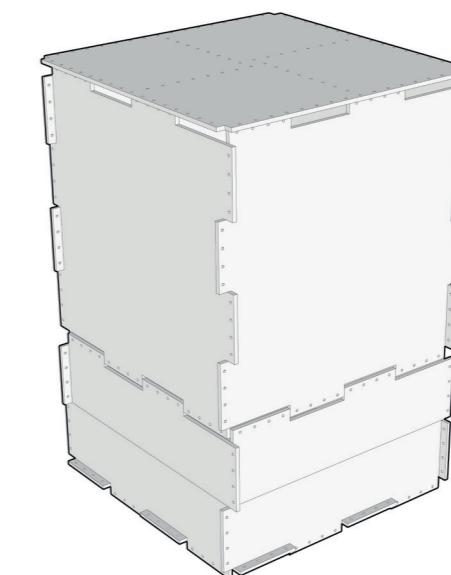
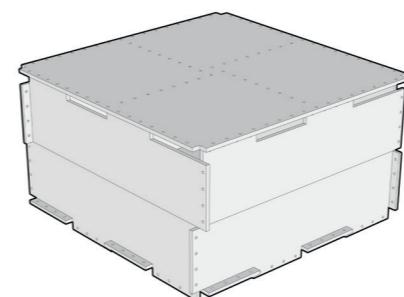
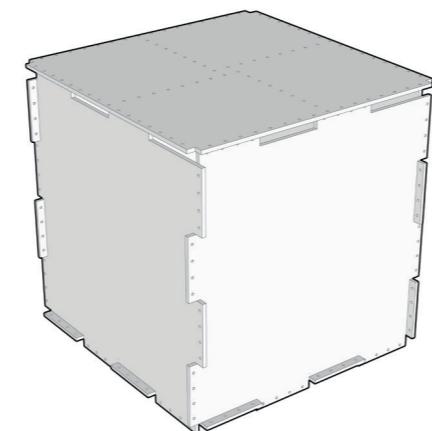
## CONFIGURATIONS

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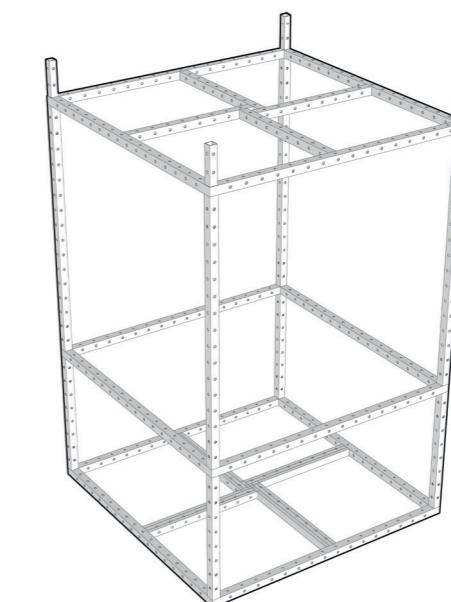
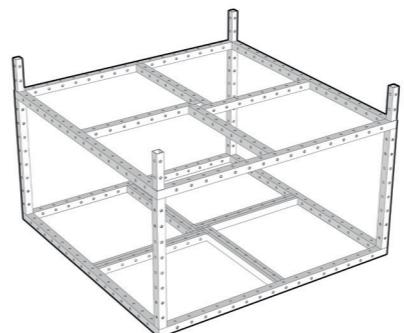
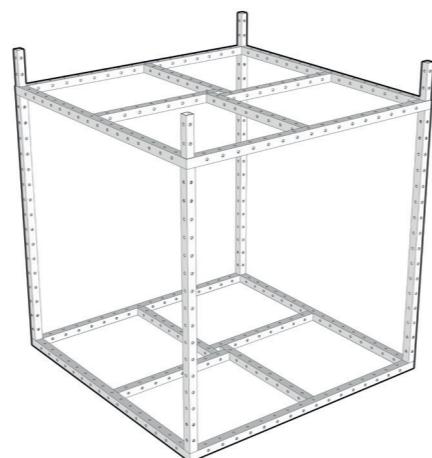
FULL



WOOD



STEEL



CLASSIC

LOW

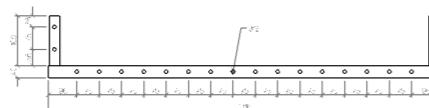
HIGH

# PLAYBOX

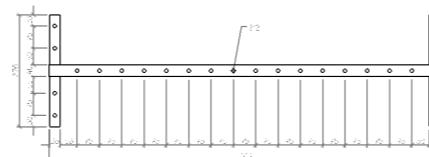
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ALL PLANS & DIMENSIONS  
according to configurations

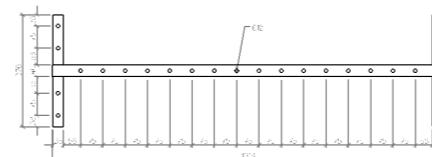
## STEEL STRUCTURE



basis



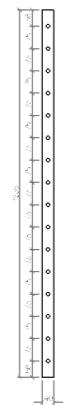
top



intermediate



short



long

column

## WOODEN PANELS

