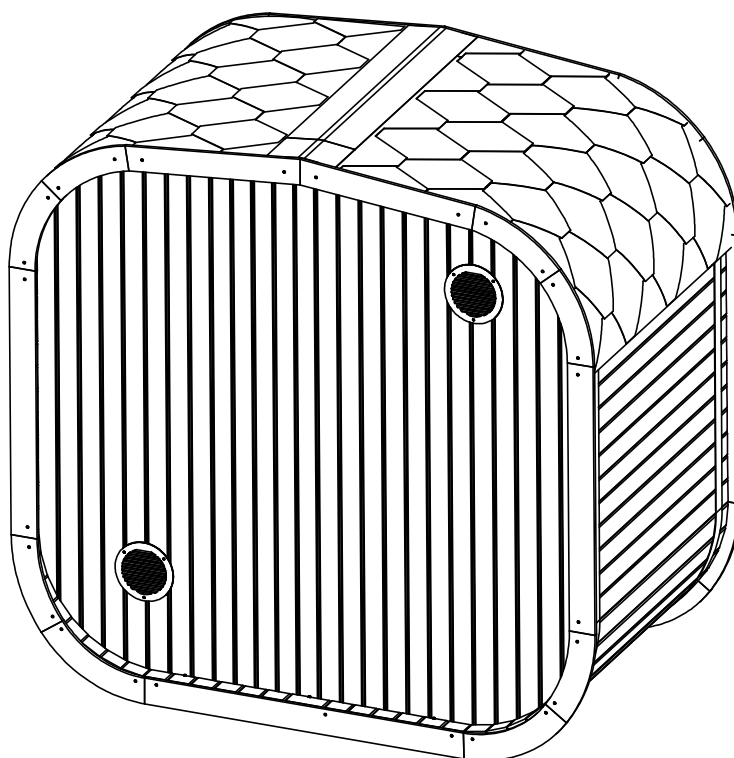
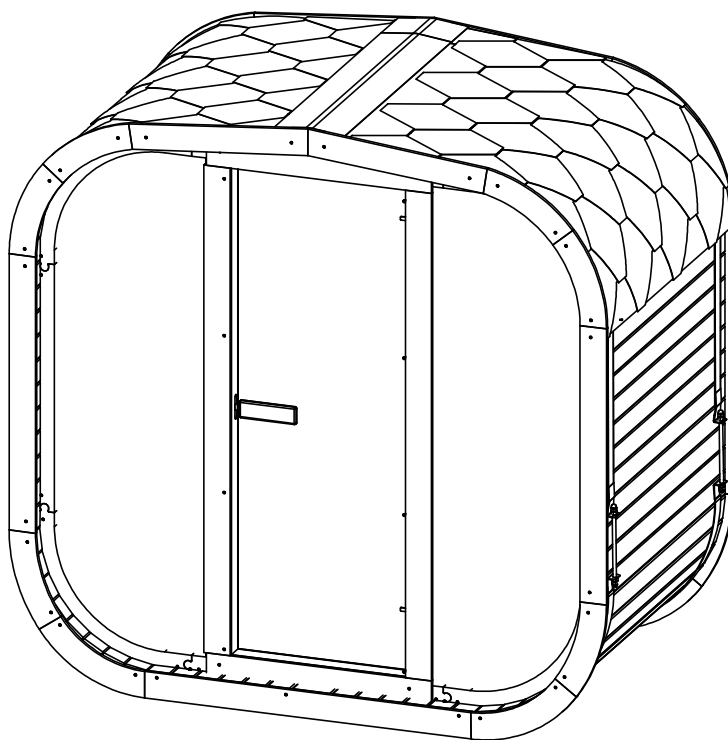
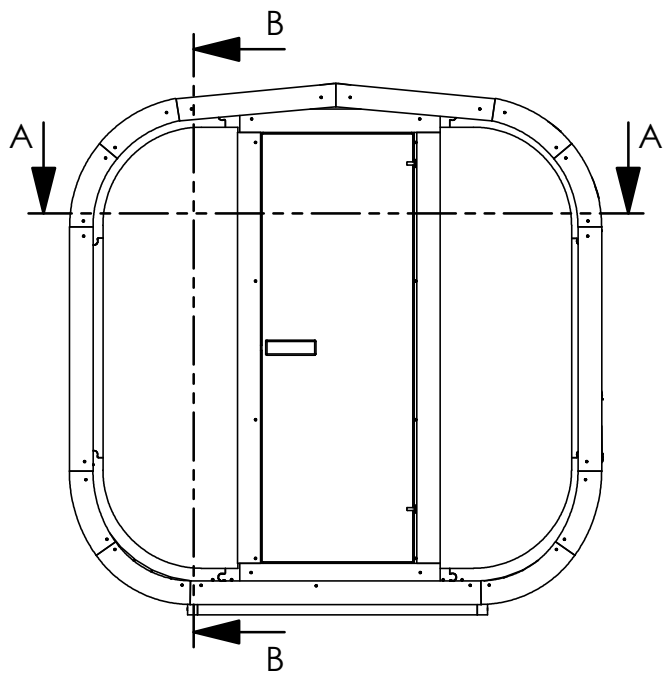


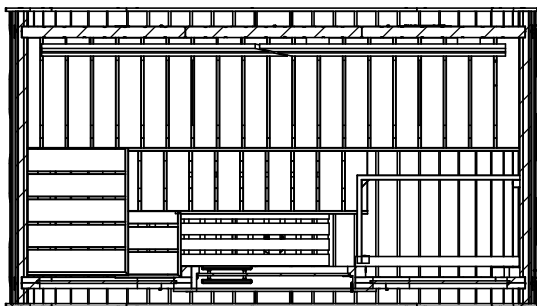
## MW12 ThermoWood® Outdoor Sauna



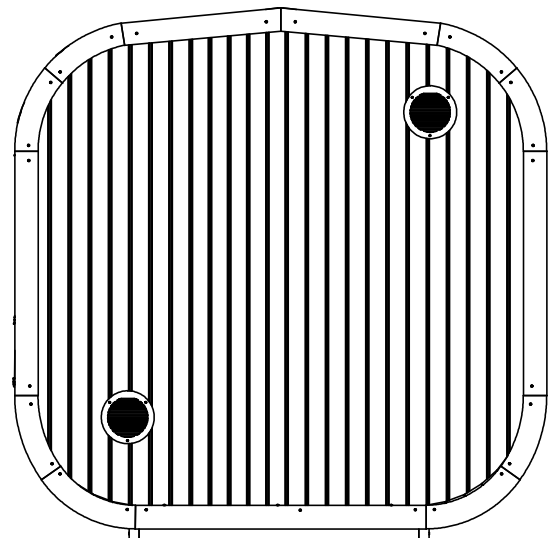
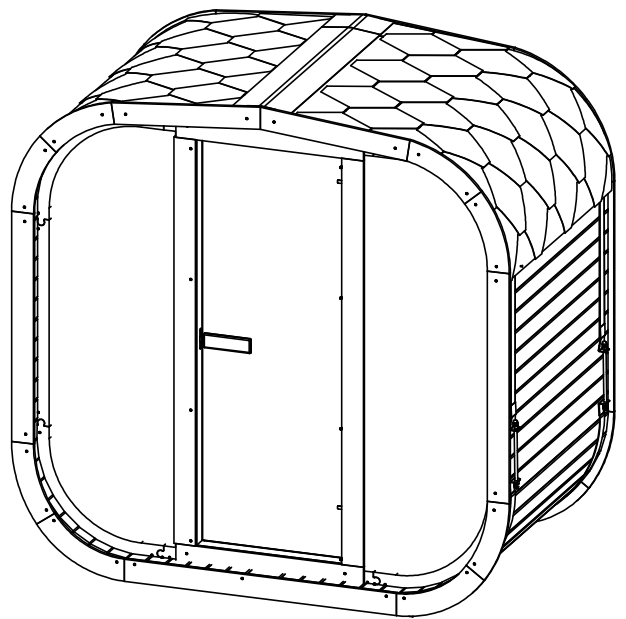
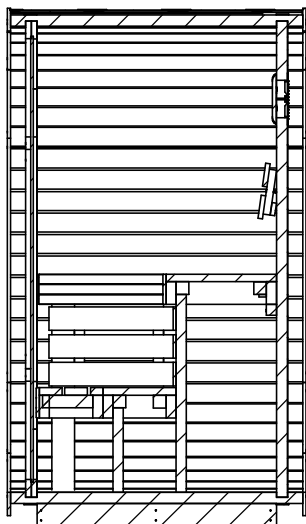
**Read this instruction before assembly**



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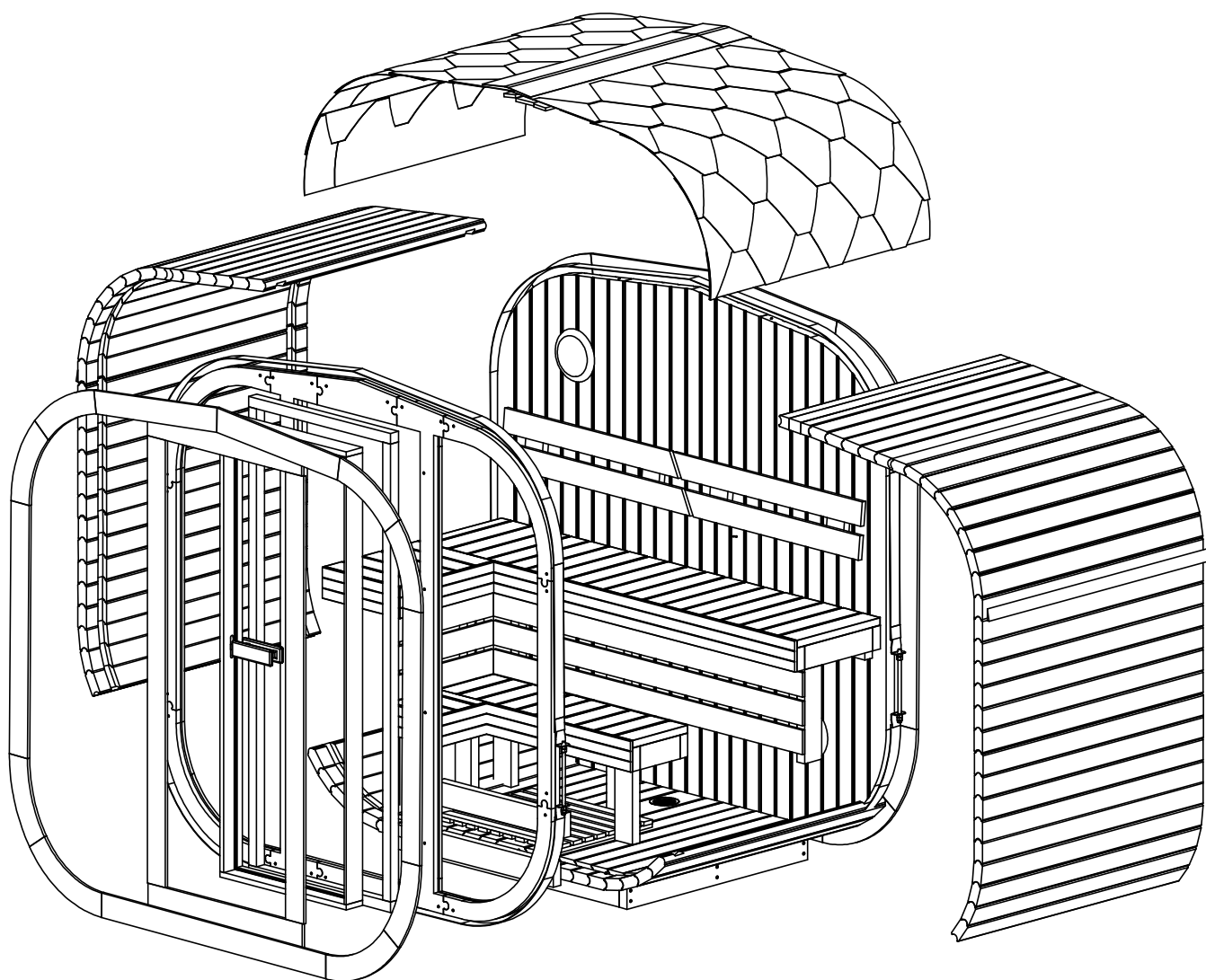
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SCALE 1 : 30



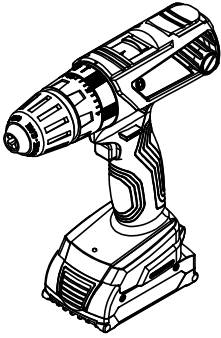

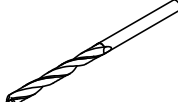

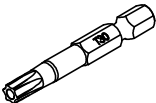
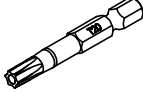
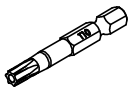
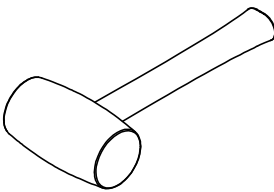
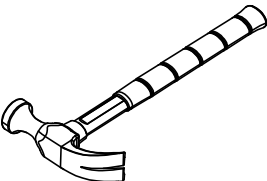
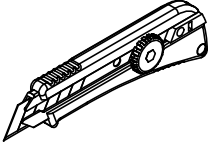
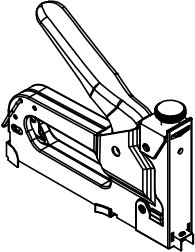
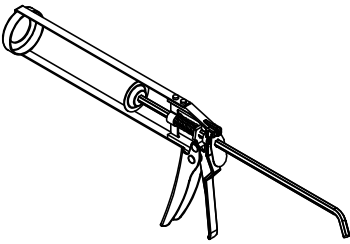


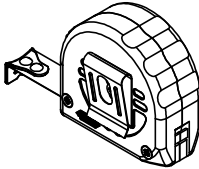
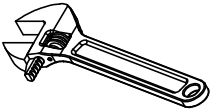
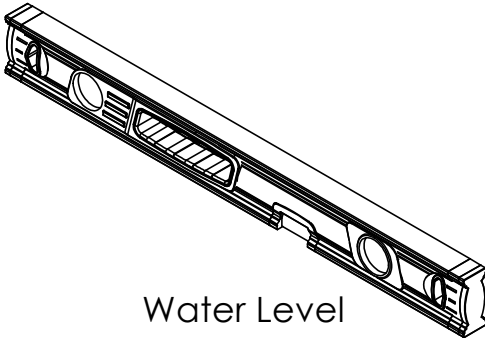




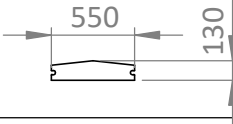


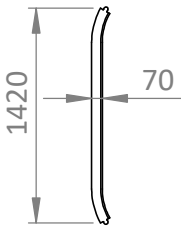
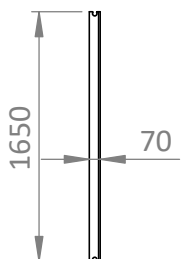
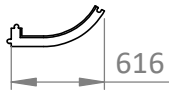

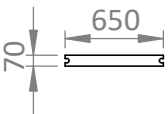
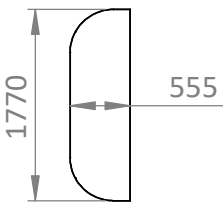
MANDE  
SAUNA & HOT TUB



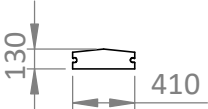


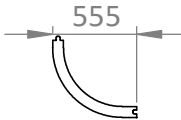

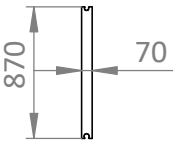

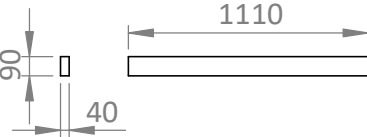

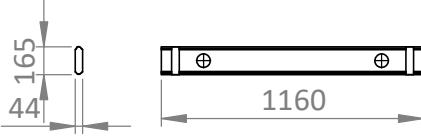
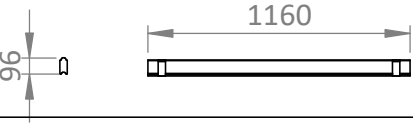

## Recommended Tool List:

 <p>Power Drill</p>	 <p>Ø8 Drill Bit Ø0.313 in.</p>	 <p>Ø5mm Drill Bit Ø0.2 in.</p>	 <p>Ø4mm Drill Bit Ø0.157 in.</p>
	 <p>Torx 30</p>	 <p>Torx 20</p>	 <p>Torx 10</p>
 <p>Rubber Mallet</p>	 <p>Hammer</p>	 <p>Utility Knife</p>	 <p>Staple Gun</p>
 <p>Silicone Dispenser</p>		 <p>Silicone</p>	 <p>Black Rubber Sealant</p>
 <p>Measuring Tape</p>	 <p>Wrench x2</p>	 <p>Water Level</p>	

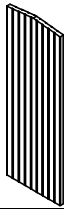
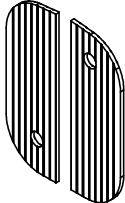
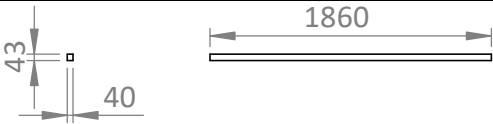
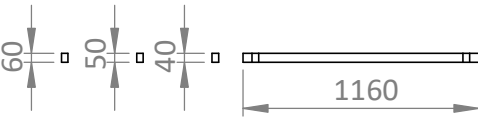

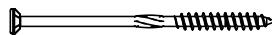
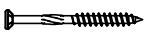
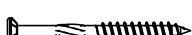
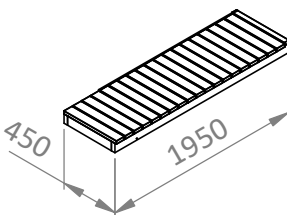
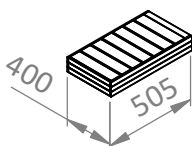



## Part List (1/6):

ITEM NO.	QTY.	DESCRIPTION	COMPONENT REFERENCE (mm)	REFERENCE (in)
1	1	Inside Top		0.9 x 5.1 x 21.65
2	1	Top Corner Right		0.9 x 11.8 x 27.3
3	1	Top Corner Left		0.9 x 11.8 x 27.3
4	2	Inside Left		0.9 x 2.75 x 55.9
5	2	Inside Doorway		0.9 x 2.75 x 65
6	1	Inside Bottom Left Corner		0.9 x 10.6 x 24.25
7	1	Inside Bottom Left Corner		0.9 x 10.6 x 24.25
8	1	Inside Bottom Middle Part		0.9 x 7.75 x 25.6
9	2	Tempered Glass Window		21.85 x 69.7

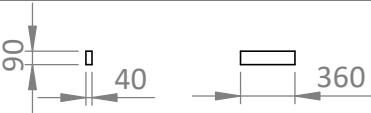
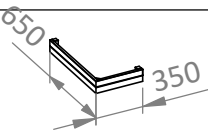
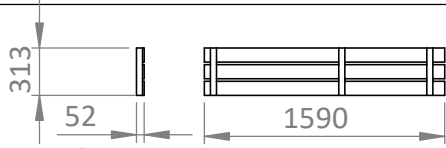
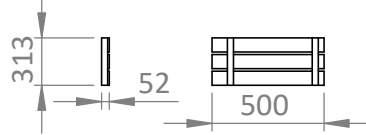
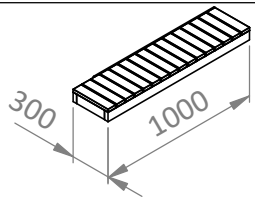
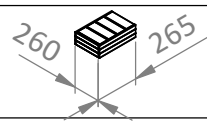
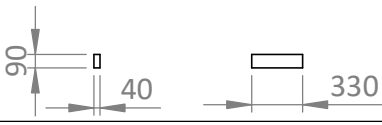
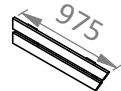
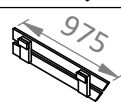


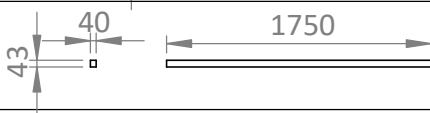
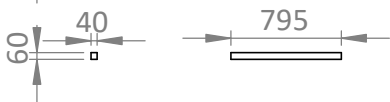
## Part List (2/6):

ITEM NO.	QTY.	DESCRIPTION	COMPONENT REFERENCE (mm)	REFERENCE (in)
10	1	Front Top		0.9 x 5.11 x 16.1
11	2	Front Top Corner		0.9 x 21.65 x 21.85
12	2	Front Middle		0.9 x 11.6 x 75.9
13	2	Front Bottom Curve		0.9 x 21.14 x 21.85
14	1	Front Bottom Middle		0.9 x 2.75 x 16.14
15	2	Front Side		0.9 x 2.75 x 34.25
16	32	Torx Ø4x35 T20		Ø0.16 x 1.38
17	3	Base Part		1.5 x 3.5 x 43.7
18	2	Base Part		1.5 x 3.5 x 37.4
19	1	Center Part		1.7 x 6.5 x 45.67
20	88	Wall Section		1.7 x 3.7 x 45.67
21	2	Floor Drain		

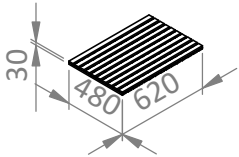
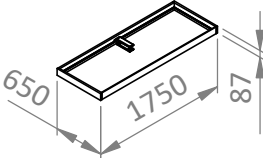

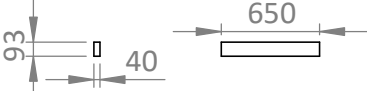




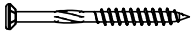
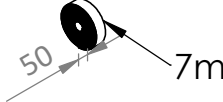
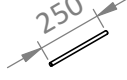


## Part List (3/6):

ITEM NO.	QTY.	DESCRIPTION	COMPONENT REFERENCE (mm)	REFERENCE (in)
22	1	Back Wall Middle		1.7 x 27.5 x 76.77
23	2	Back Wall Side		1.7 x 25.6 x 75.3
24	1	Back Wall Connector		1.7 x 1.57 x 73.2
25	1	Top Insert		1.7 x 3.7 x 45.67
26	2	Vent		
27	36	Torx Ø5x120 T30		Ø0.2 x 4.73
28	330	Torx Ø4.5x60 T20		Ø0.17 x 2.36
29	30	Torx Ø6x80 T30		Ø0.23 x 3.15
30	1	Top Bench		4.7 x 17.72 x 77.17
31	1	Top Side Bench		4.7 x 15.75 x 19.88
32	1	Top Bench Support		1.5 x 3.5 x 31.3
33	1	Top Bench Support		1.5 x 3.5 x 31.1
34	1	Top Bench Support		1.5 x 3.5 x 30.7

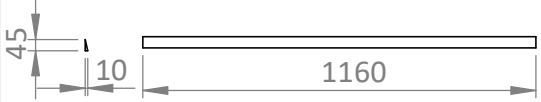
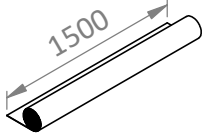
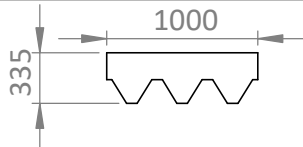

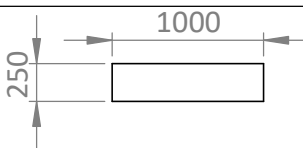

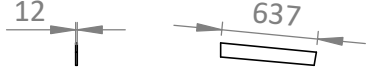
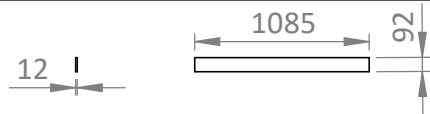
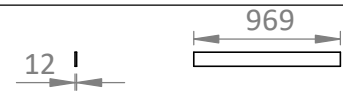
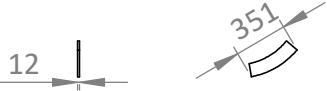

## Part List (4/6):

ITEM NO.	QTY.	DESCRIPTION	COMPONENT REFERENCE (mm)	REFERENCE (in)
35	2	Back Rest Support		1.5 x 3.5 x 14.17
36	1	Heater Protector		3.5 x 13.78 x 25.6
37	1	Lower Back Rest		2 x 12.3 x 62.6
38	1	Lower Side Back Rest		2 x 12.3 x 19.7
39	1	Lower Bench		4.7 x 11.81 x 39.37
40	1	Lower Bench		4.7 x 10.23 x 10.43
41	2	Lower Bench Support		1.5 x 3.5 x 13
42	1	Back Rest Left		2.5 x 8.7 x 38.4
43	1	Back Rest Right		2.5 x 8.7 x 38.4
44	1	Ceiling Cover		0.5 x 3.6 x 37.4
45	2	Ceiling Cover		0.5 x 3.6 x 37.4
46	2	Door Frame Support		1.57 x 1.7 x 68.9
47	2	Door Frame Support		1.57 x 2.36 x 31.3

## Part List (5/6):

ITEM NO.	QTY.	DESCRIPTION	COMPONENT REFERENCE (mm)	REFERENCE (in)
48	1	Floor Mesh		1.2 x 18.9 x 24.4
49	1	Door		3.66 x 29.5 x 68.9
50	2	Fireplace Holder		1.5 x 1.7 x 3.5
51	1	Fireplace Holder		1.5 x 3.6 x 25.6
52	1	Fireplace Holder		1.5 x 3.6 x 23.6
53	2	Door Front Siding		0.5 x 3.6 x 31.3
54	1	Door Front Siding		0.5 x 2.36 x 31.3
55	2	Door Front Siding Vertical		0.5 x 3.6 x 67.32
56	25	Torx Ø5x90 T30		Ø0.2 x 3.5
57	2	Steel Band		2 x 275
58	2	Long Screw		Ø0.47x9.84
59	4	M12 Nut		
60	4	M12 Dome Nut		

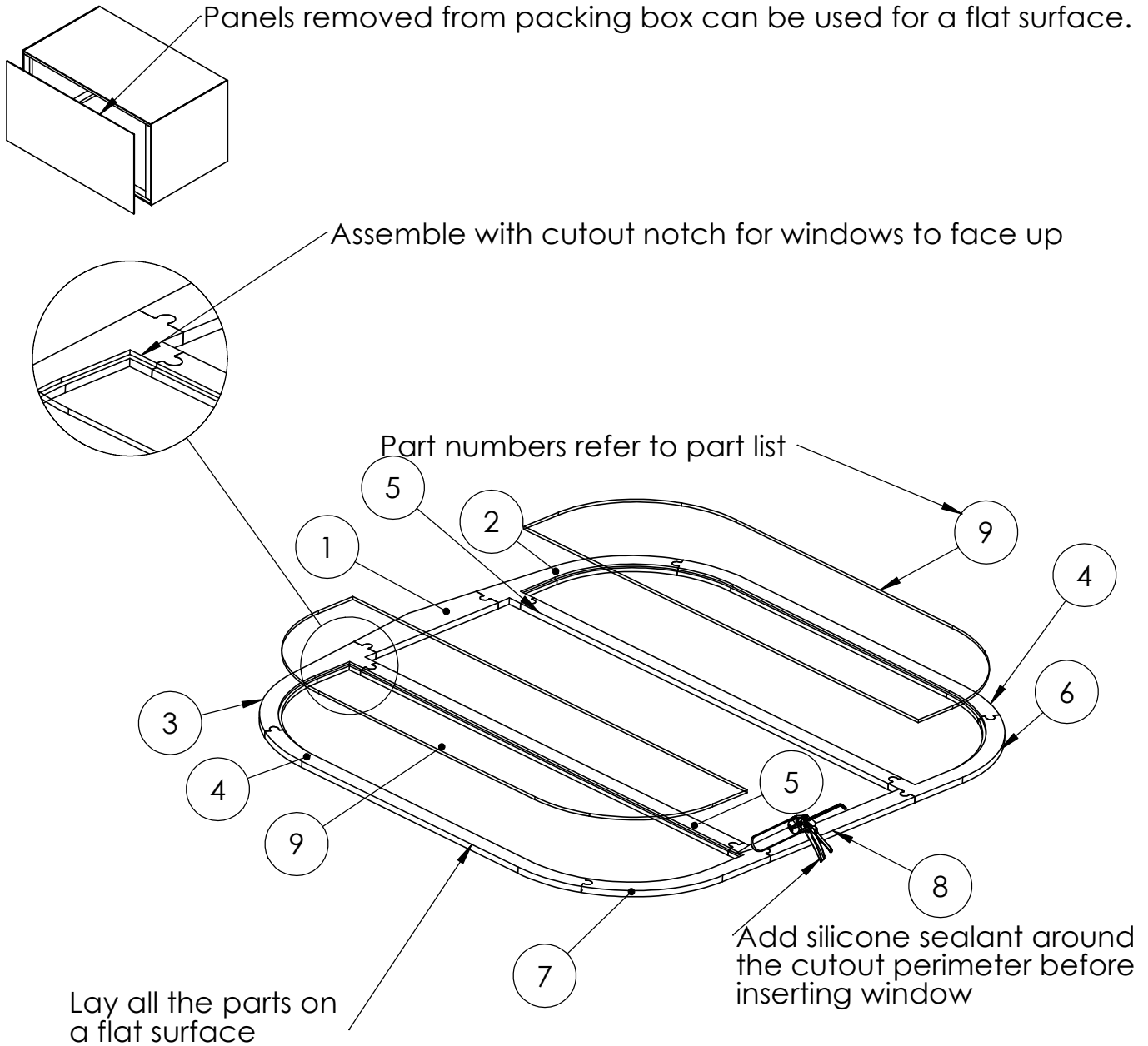
## Part List (6/6):

ITEM NO.	QTY.	DESCRIPTION	COMPONENT REFERENCE (mm)	REFERENCE (in)
61	2	Angled Roof Spacer		0.39 x 1.57 x 45.67
62	1	Roofing Felt		W59
63	55	Roof Shingle		13.19 x 39.37
64	192	Roofing Nail Ø4x22		Ø0.16 x 0.86
65	2	Top Shingle		9.84 x 39.37
66	45	Roofing Screw Ø4.8x35		Ø0.19 x 1.38
67	4	Top Cover Siding		0.5 x 3.6 x 25
68	2	Bottom Siding		0.5 x 3.6 x 42.72
69	4	Siding		0.5 x 3.6 x 38.15
70	16	Corner Siding		0.5 x 3.6 x 13.8
71	18	Torx Ø3x20 T10		Ø0.1 x 0.8



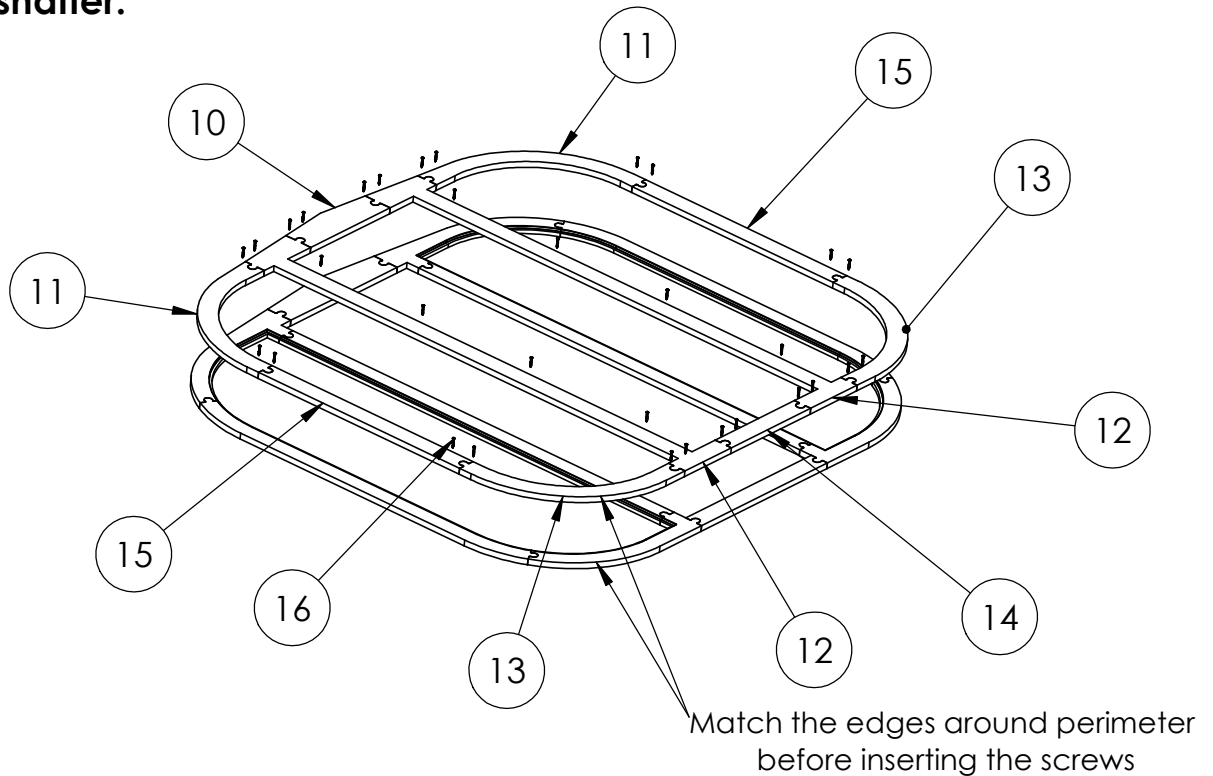
## Front Wall

Important: before starting work on the walls prepare an even and flat surface!

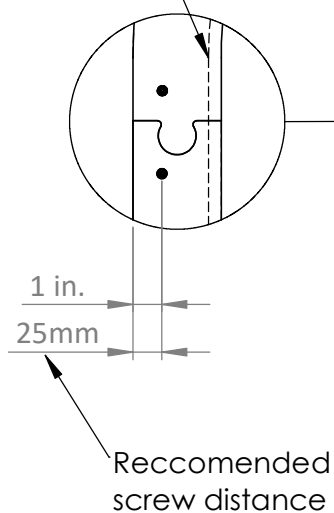


## Front Wall

**Important: use caution while working with glass. Do not screw or drill the glass, for it will shatter.**



Be careful around the glass



Mark the center for assembly later

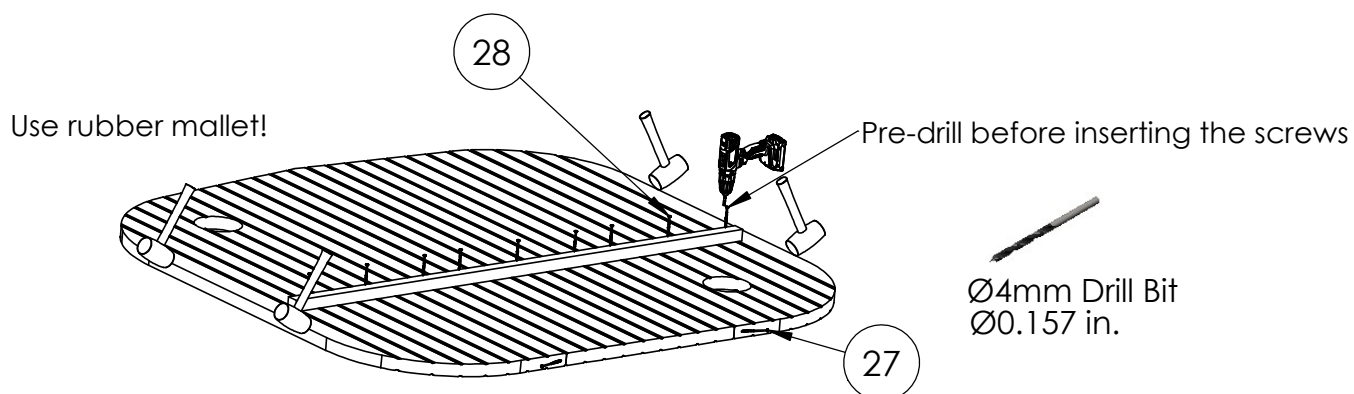
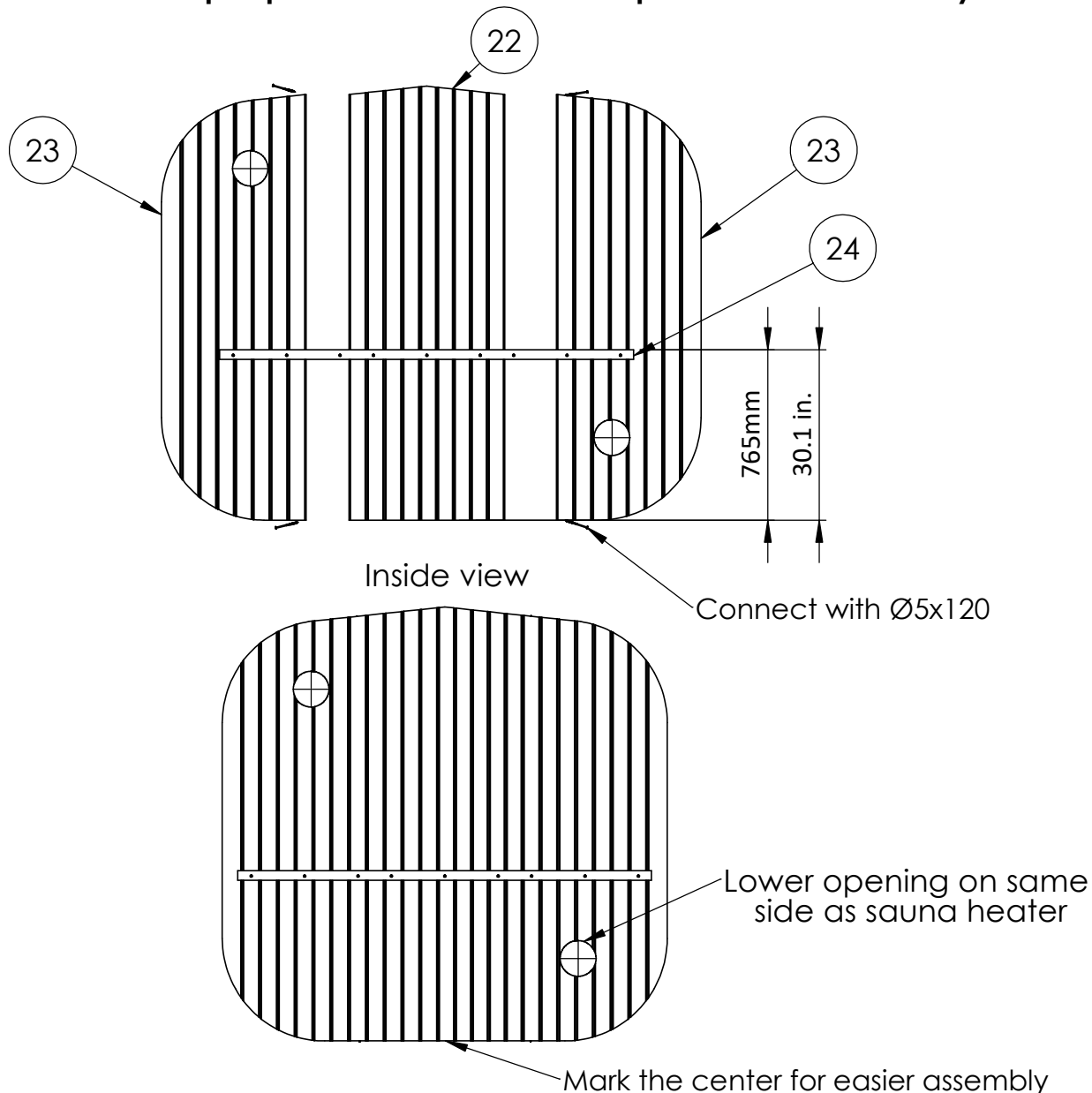
Leave the wall to rest for an hour, for the silicone to solidify.

Next parts of the assembly can be worked on during that time.

## Back wall

**Important: before starting work on the back wall prepare an even and flat surface!**

**Important: 3 or more people recommended for this part. Panels are heavy!**

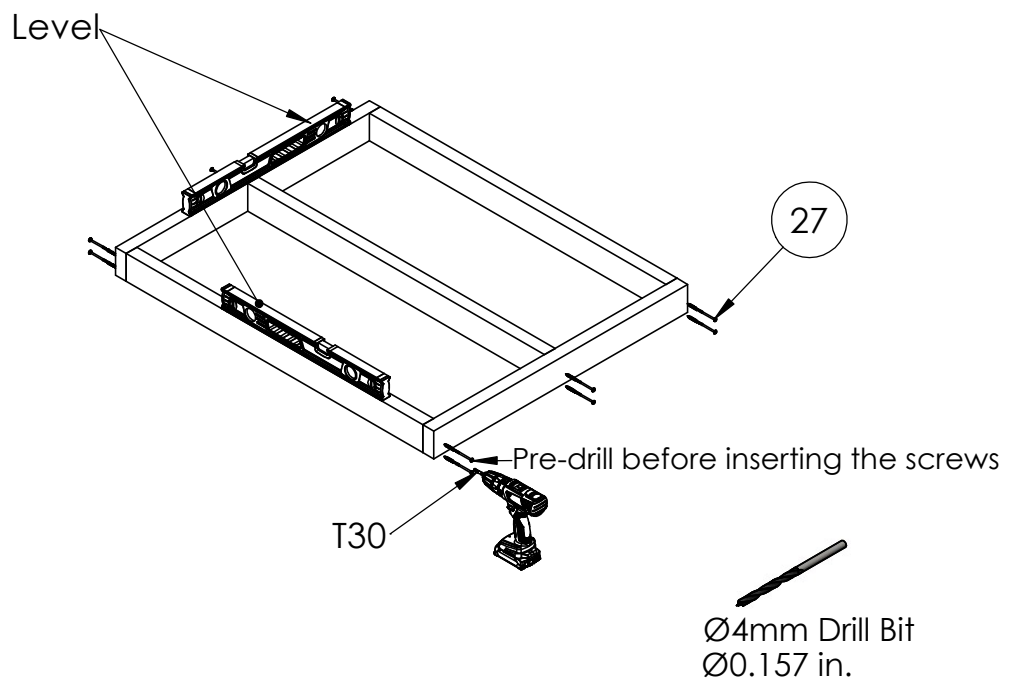
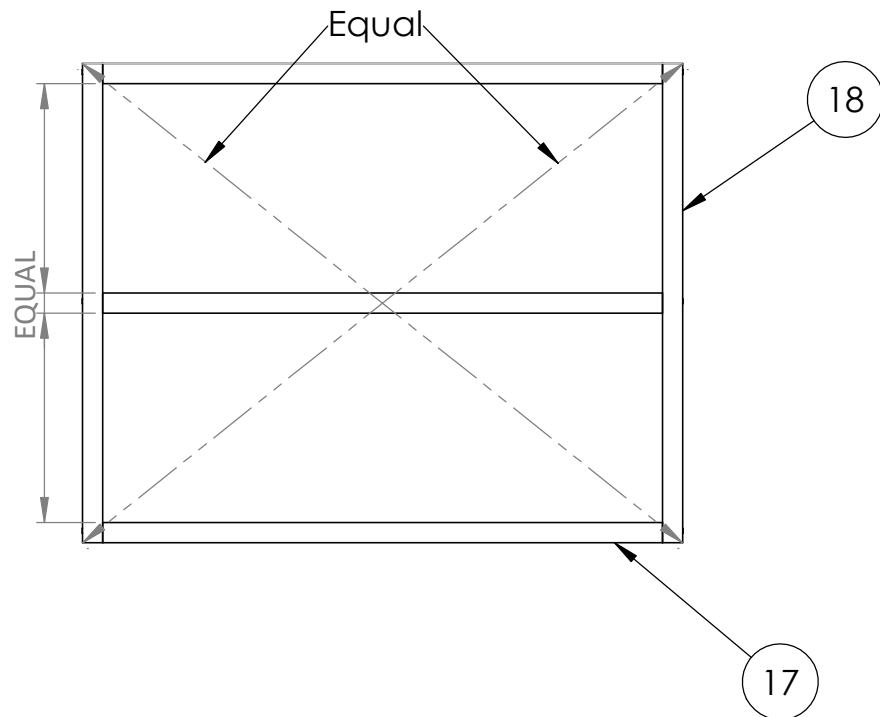


Note: pre-drill holes only for the length of the screw  
pre-drilling is to prevent cracking of thermal wood.

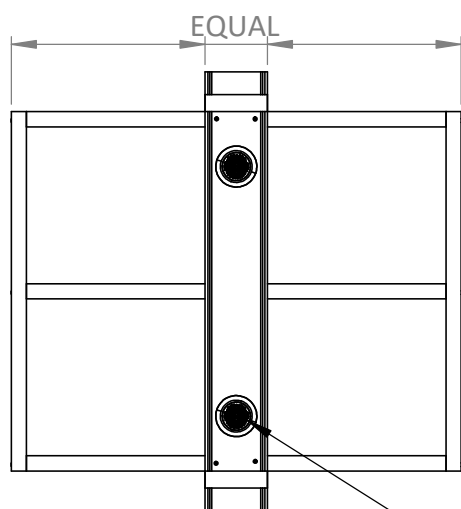
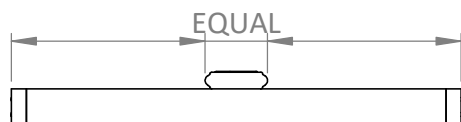
## Base

**Important: before starting work on the base prepare an even and flat surface!**

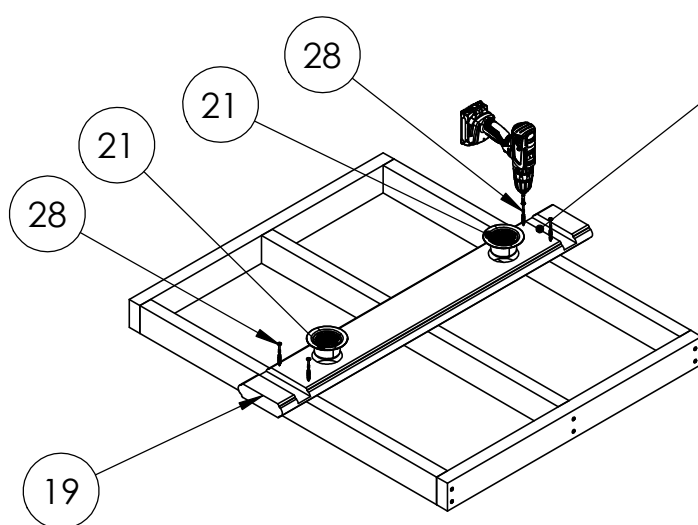
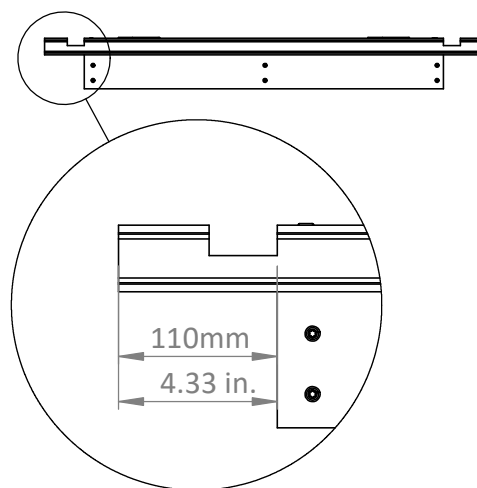
Diagonal measurements should be equal!



## Base



Insert drain before fixing middle plank



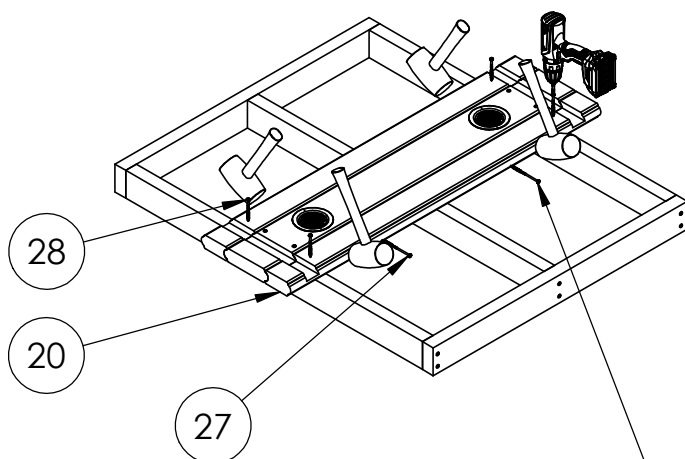
Pre-drill before inserting the screws

  
Ø4mm Drill Bit  
Ø0.157 in.

## Floor

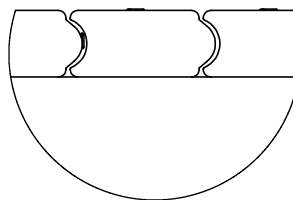
**Important: pre-drill every screw**

Use rubber mallet!

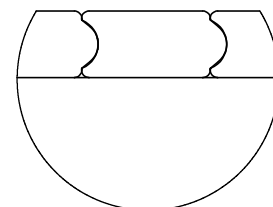


Connect all floor planks together with  $\varnothing 5 \times 120$

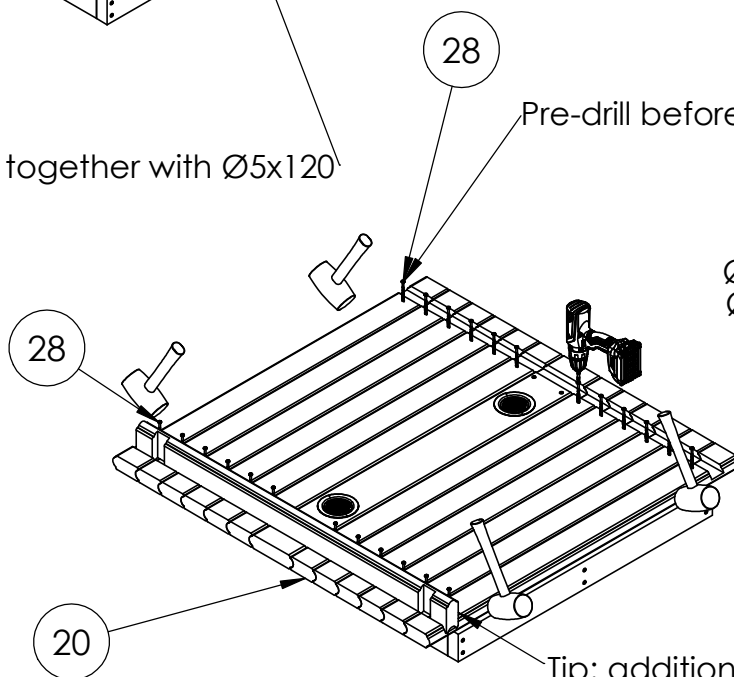
Wrong



Correct



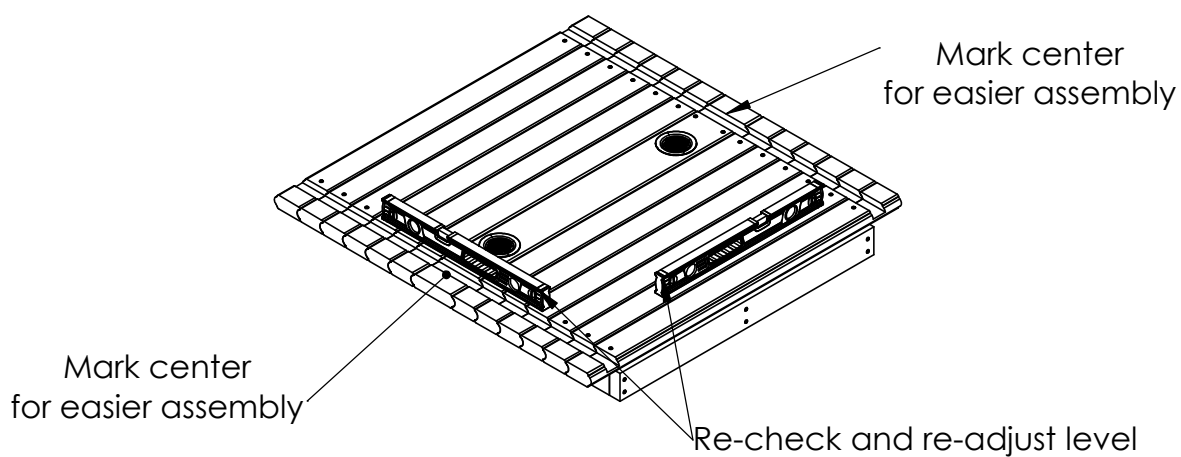
To ensure correct gaps use rubber mallet before fixing each plank



Pre-drill before inserting the screws

$\varnothing 4 \text{mm}$  Drill Bit  
 $\varnothing 0.157 \text{ in.}$

Tip: additional plank can be used to have an even gap



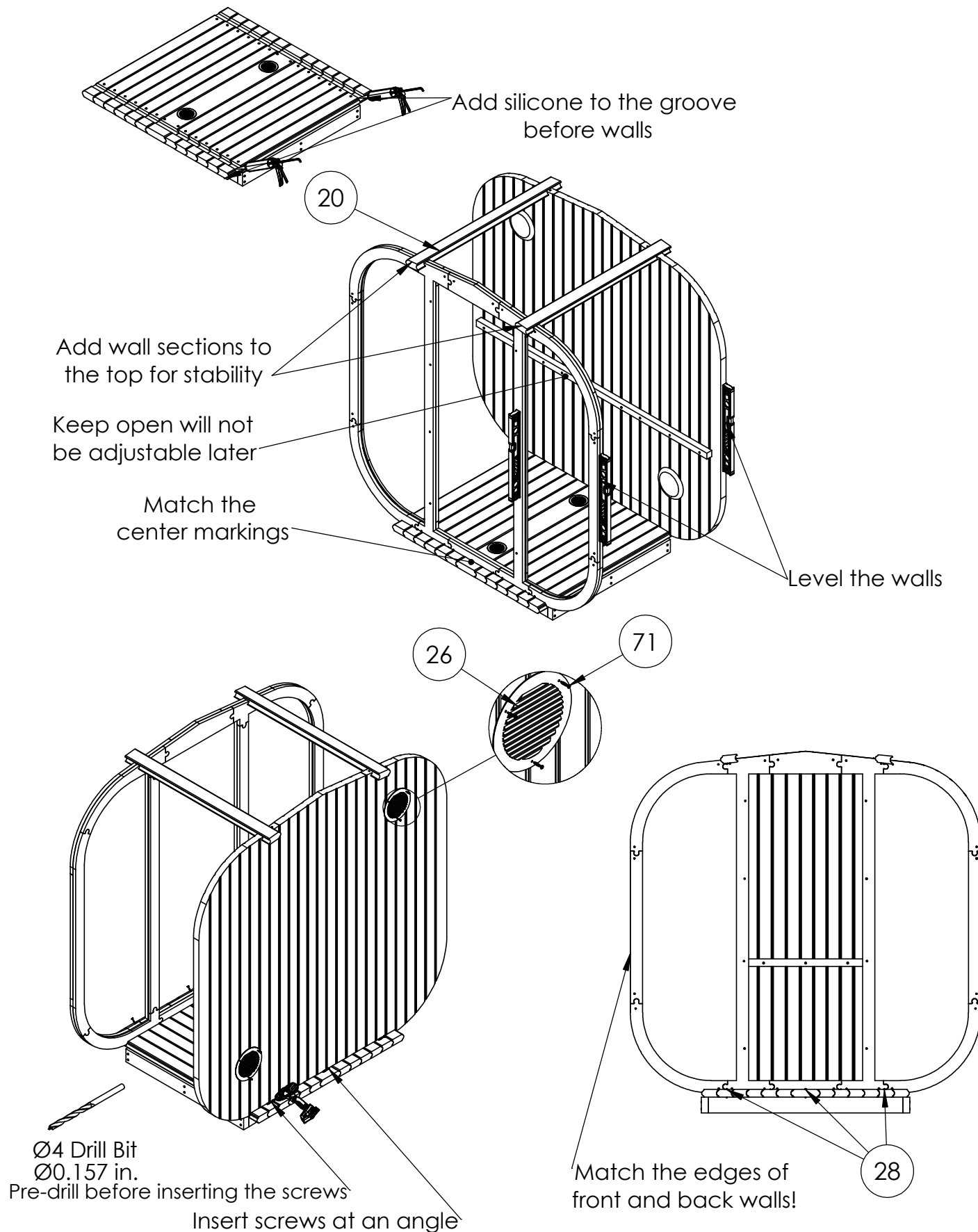
Mark center  
for easier assembly

Mark center  
for easier assembly

Re-check and re-adjust level

## Base with walls

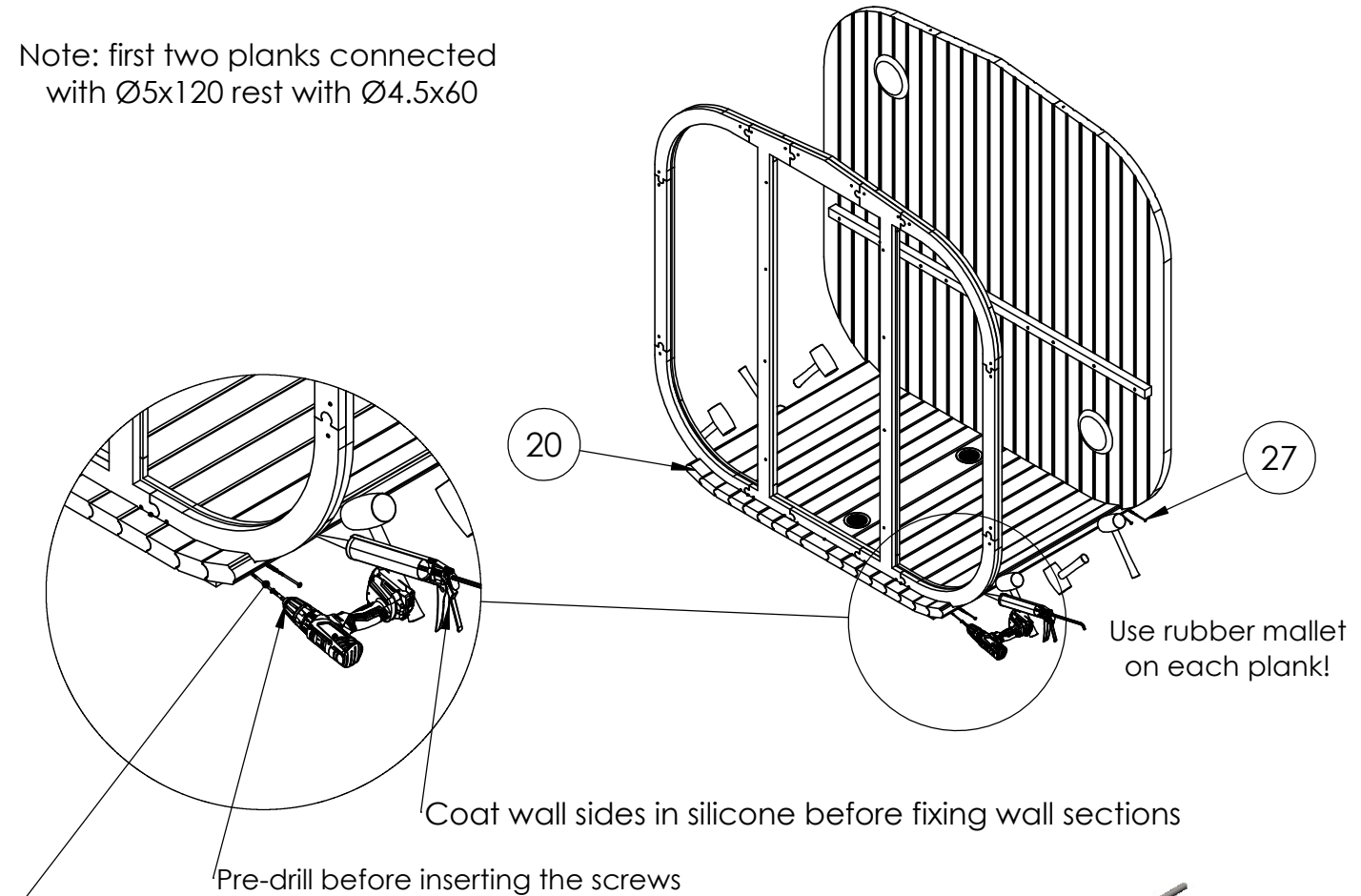
**Important: 3 or more people recommended for this part. Panels are heavy!**



## Base with walls

**Important: coat the edges with silicone before fixing wall sections.**

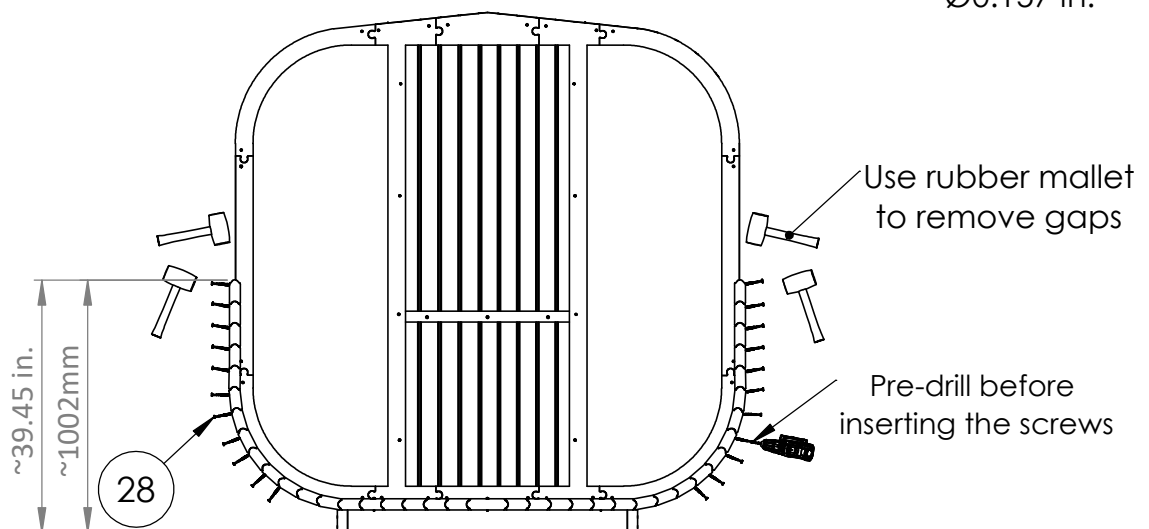
Note: first two planks connected with Ø5x120 rest with Ø4.5x60



**Use caution with 5x120 screws  
screw at an angle away from glass**



Ø4 Drill Bit  
Ø0.157 in.



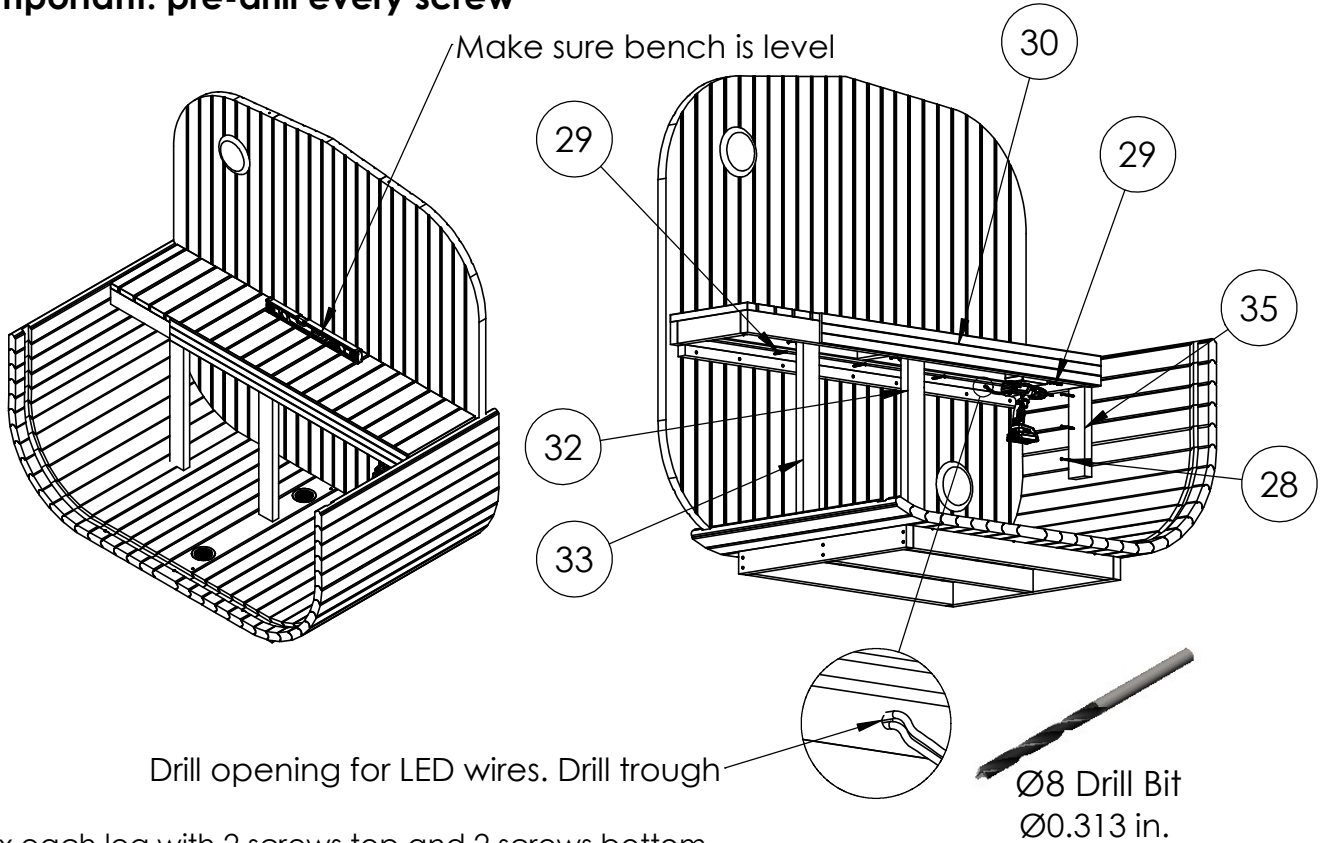
Recommended wall height before inserting benches



## Bench

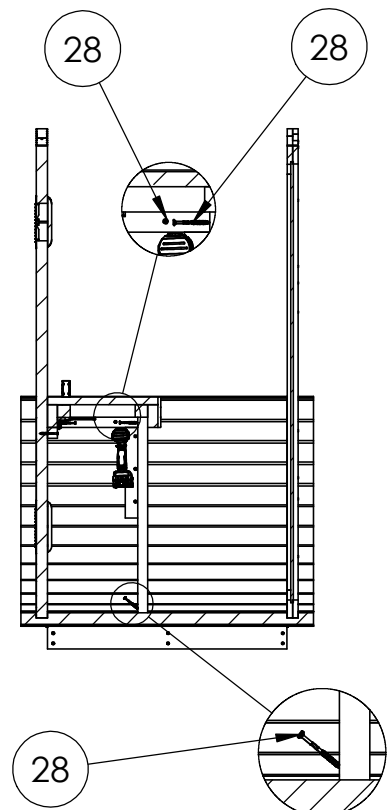
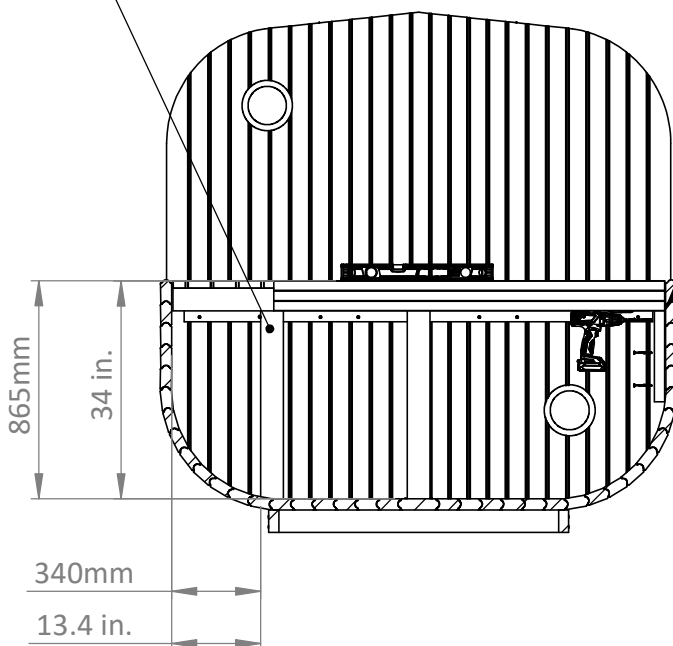
**Important: 3 or more people recommended for this part. Benches are heavy!**

**Important: pre-drill every screw**



Fix each leg with 2 screws top and 2 screws bottom (Ø4.5x60); Pre-drill with Ø4mm drill bit

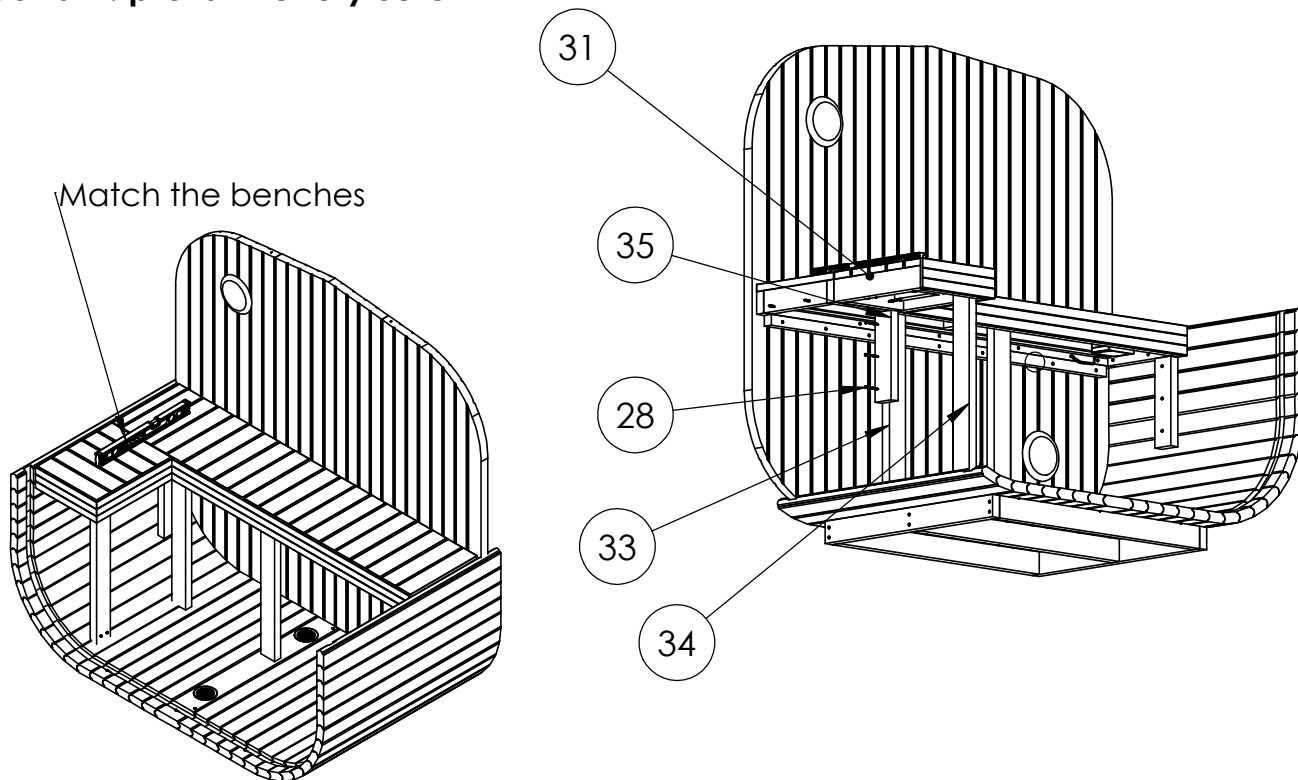
Fix bench with 2 pcs. Ø6x80 screws on each side and 5 pcs. Ø6x80 on the back side predrill with Ø5 drill bit



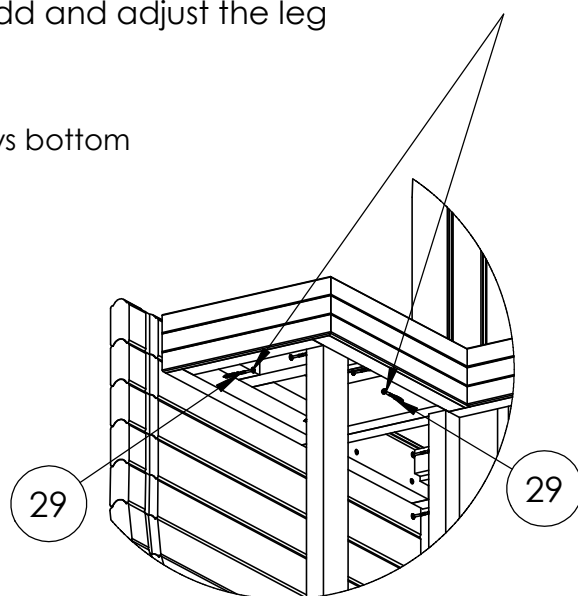
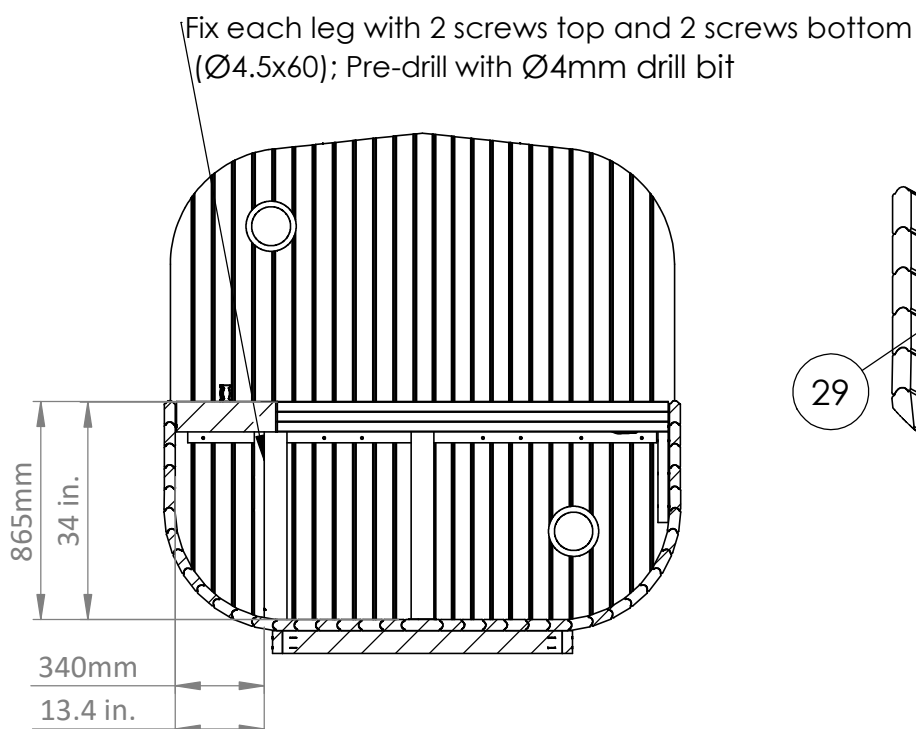
## Bench

**Important: 3 or more people recommended for this part. Benches are heavy!**

**Important: pre-drill every screw**

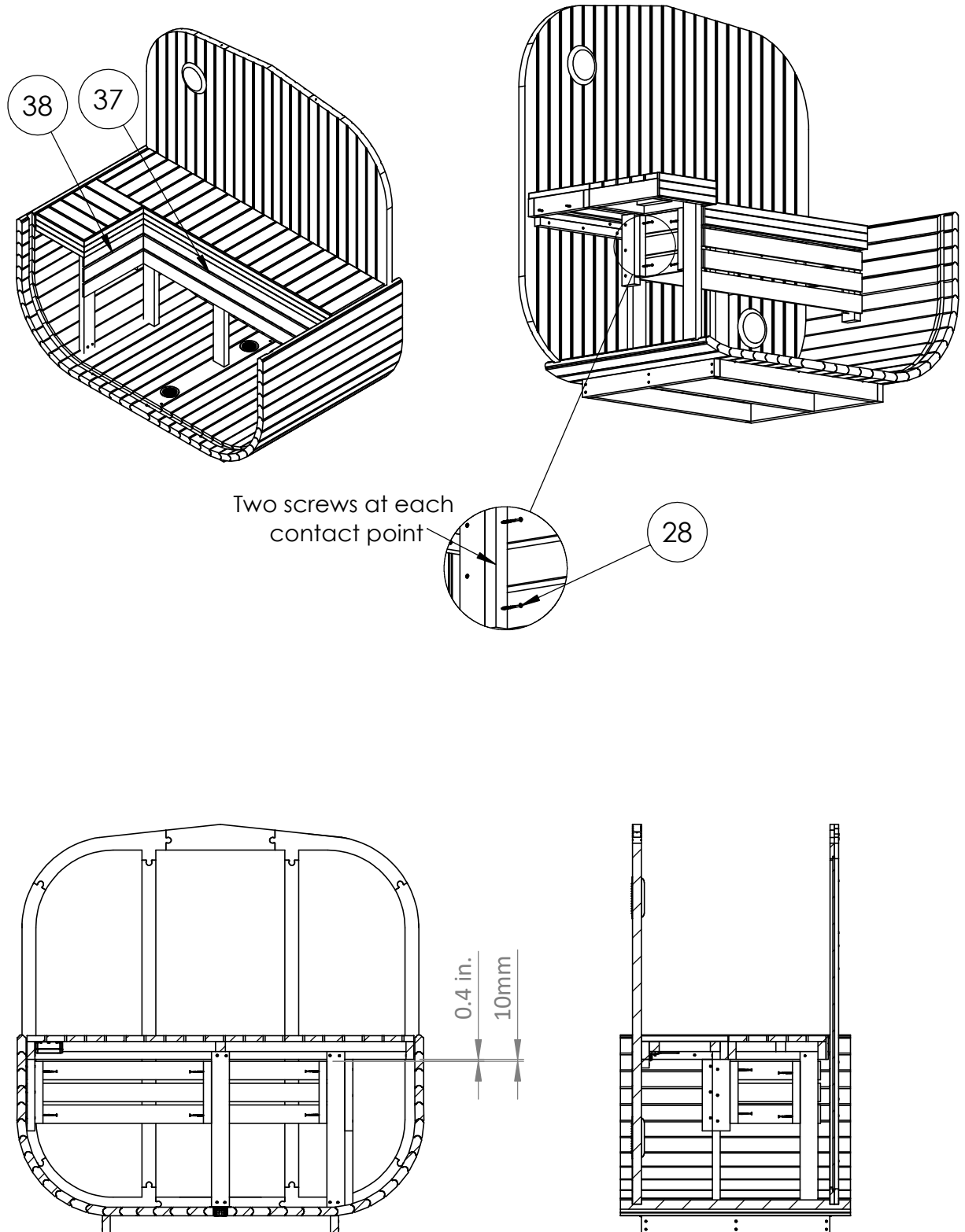


Connection points under side bench  
Connect with other bench and wall first  
then add and adjust the leg



## Bench

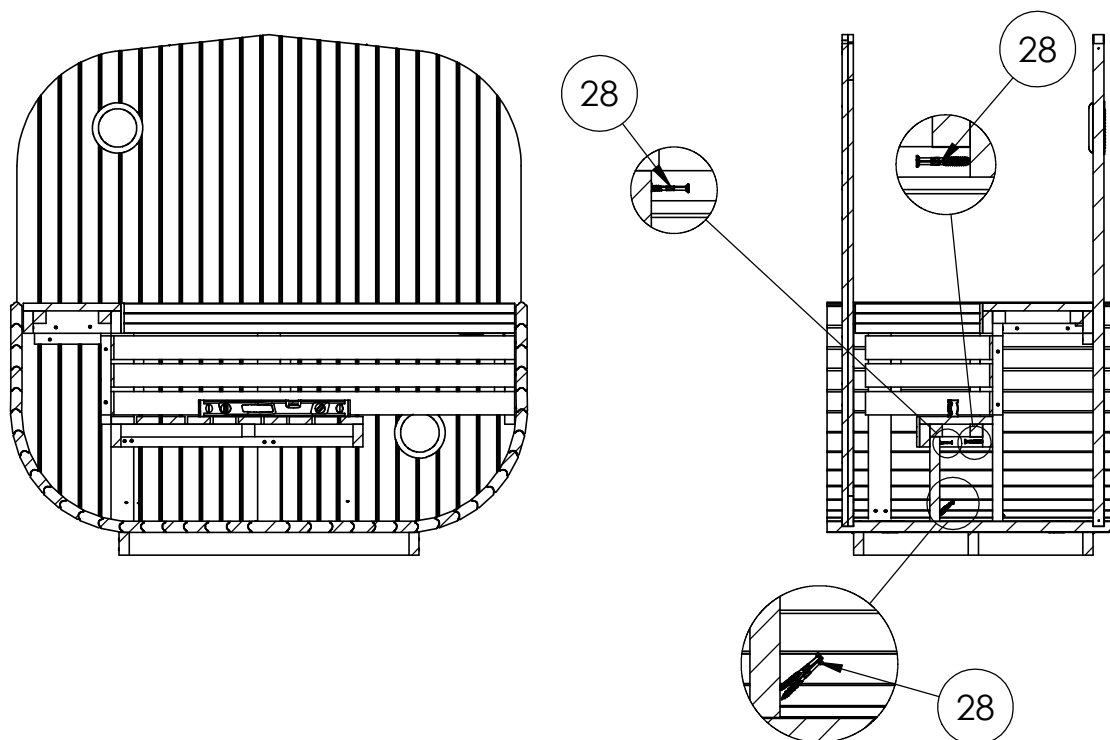
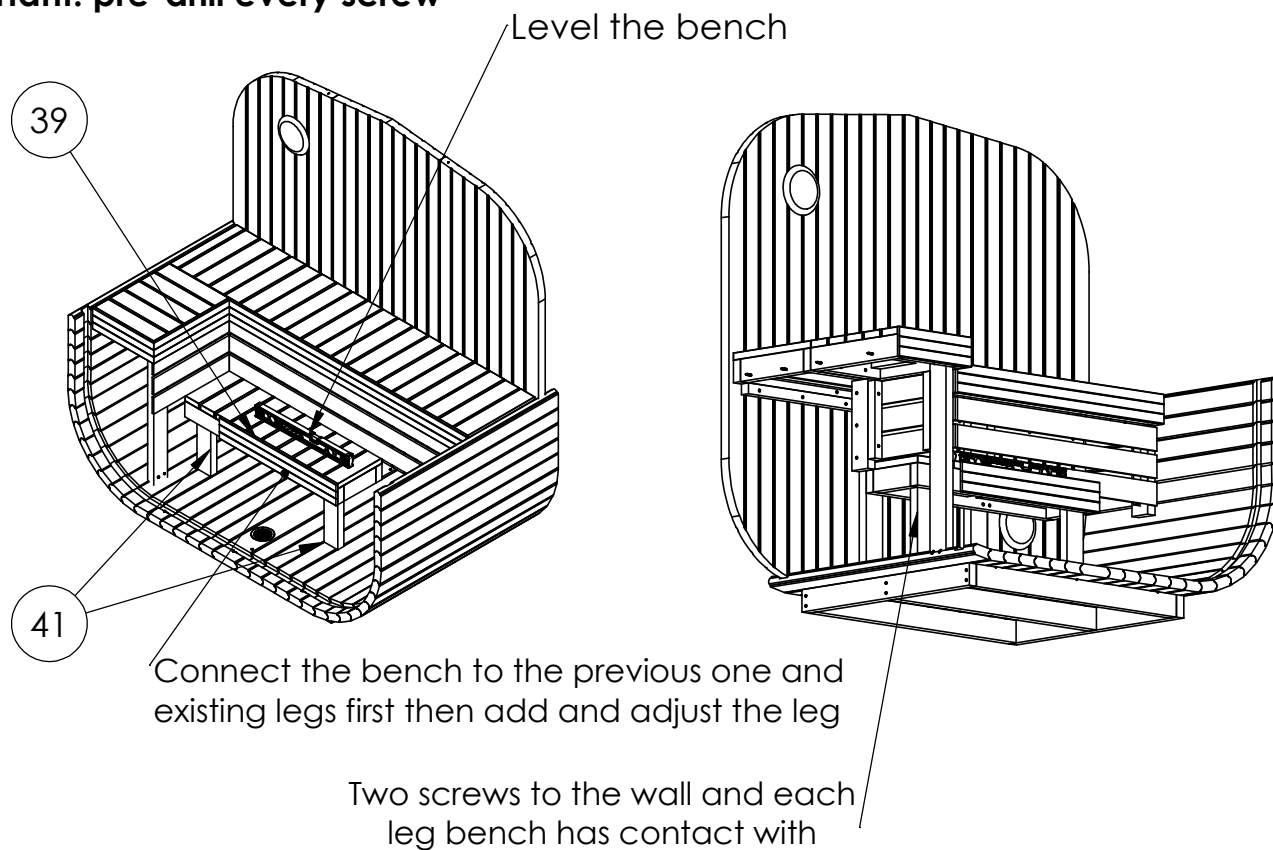
**Important: connect backrest from back side so no screws are visible on the front**



## Bench

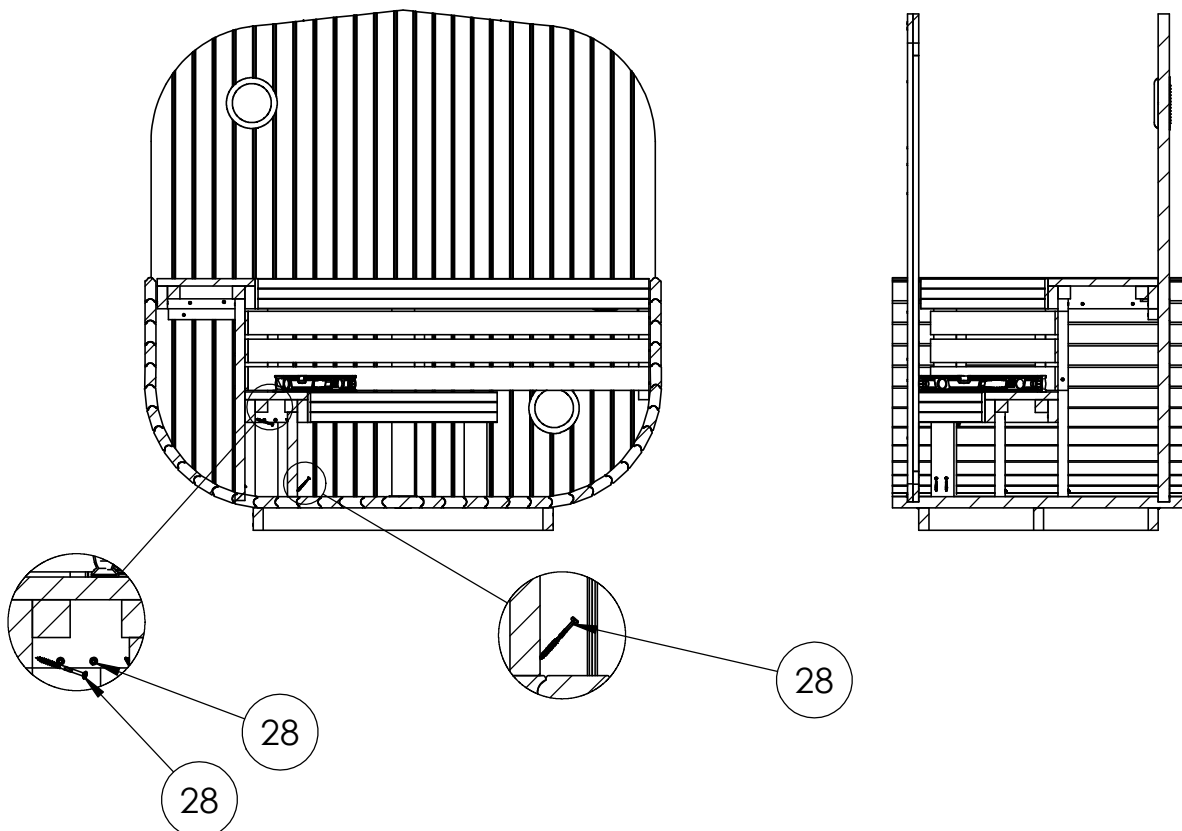
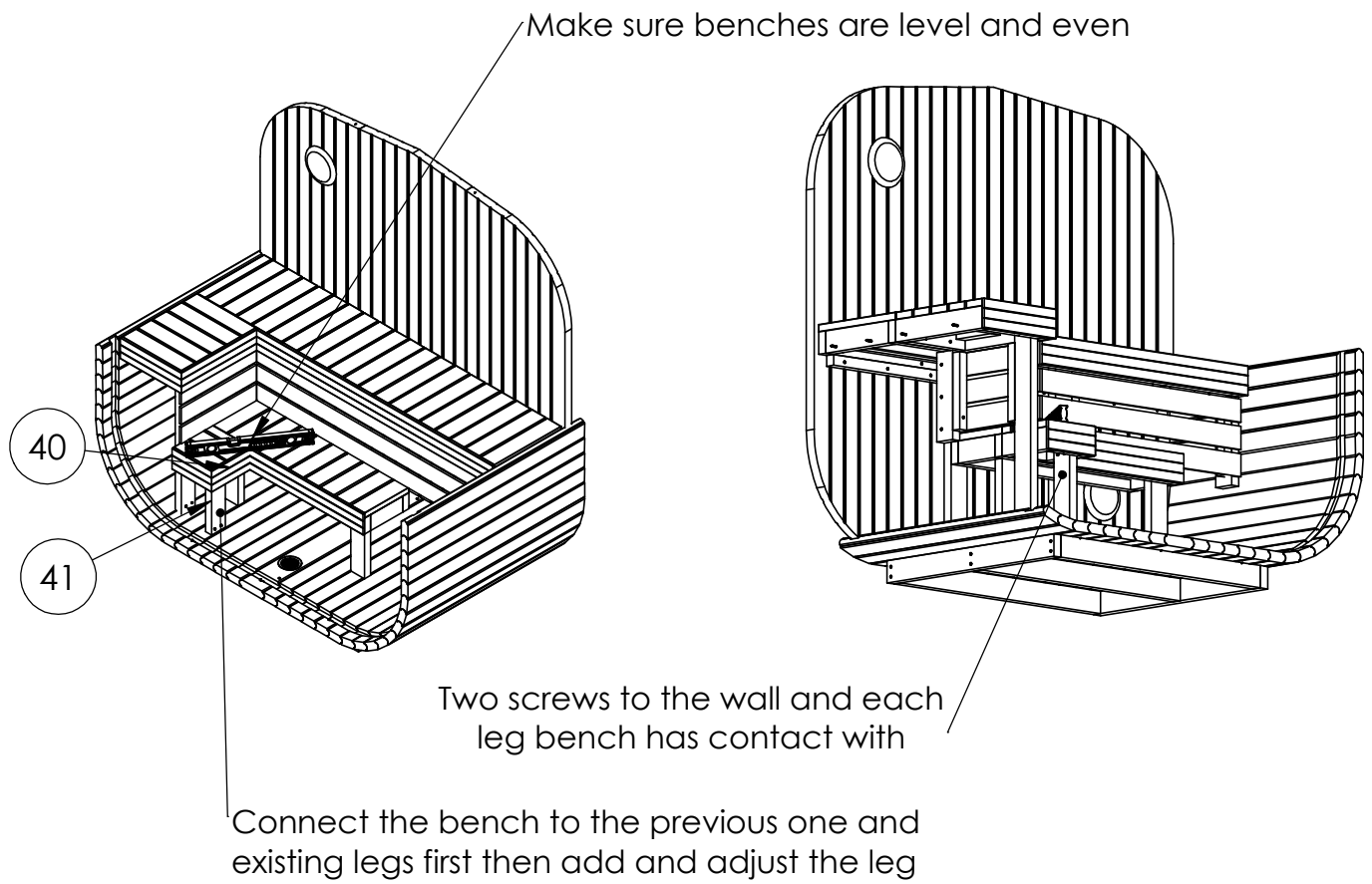
**Important: 3 or more people recommended for this part. Benches are heavy!**

**Important: pre-drill every screw**



## Bench

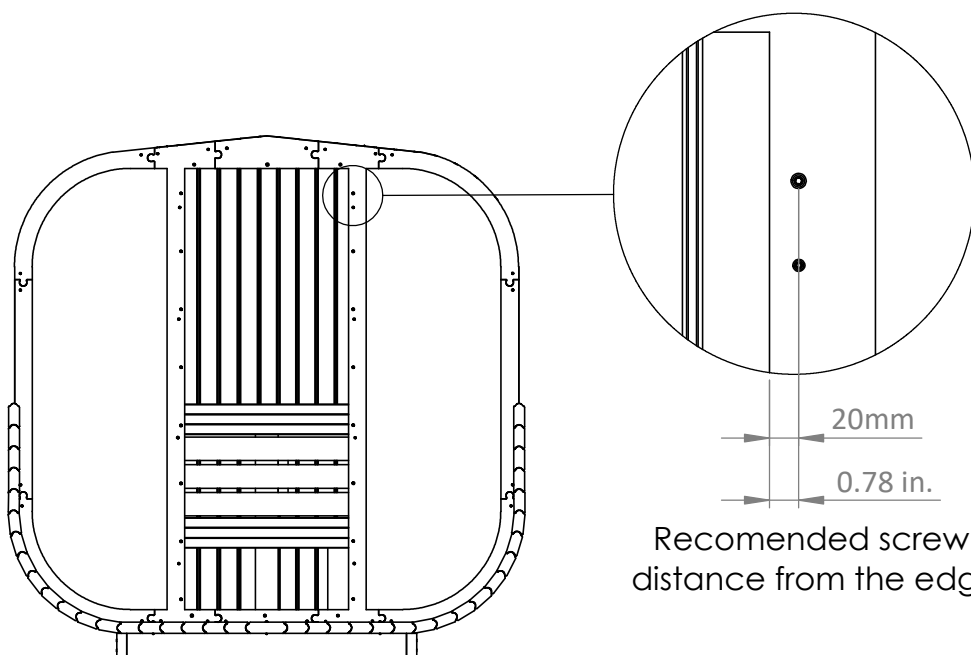
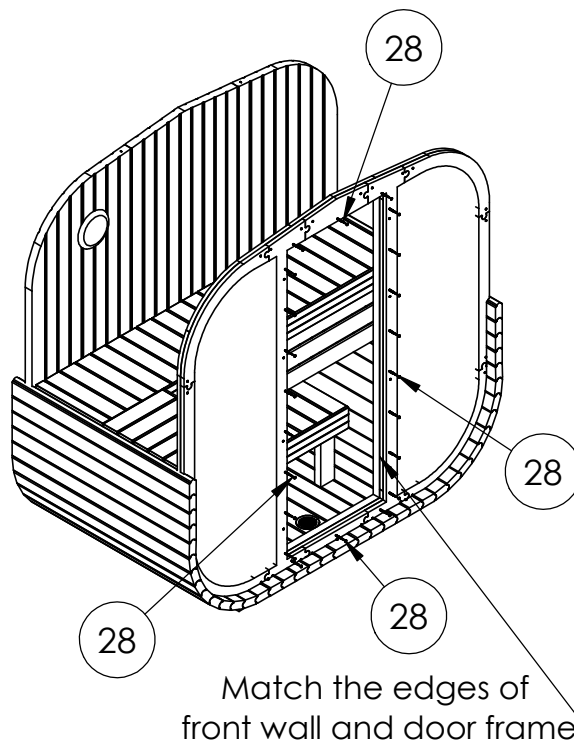
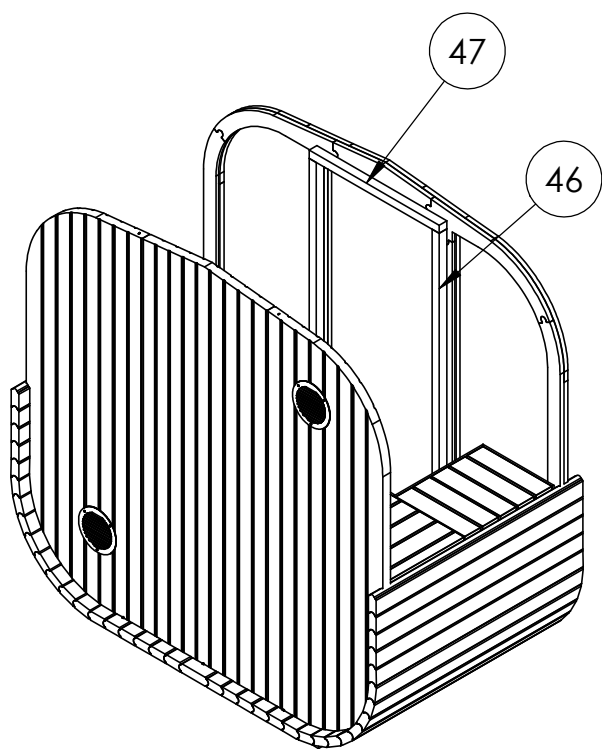
**Important: pre-drill every screw**



## Doorway

**Important: pre-drill every screw**

**Important: use caution while working with glass. Do not screw or drill the glass, for it will shatter.**

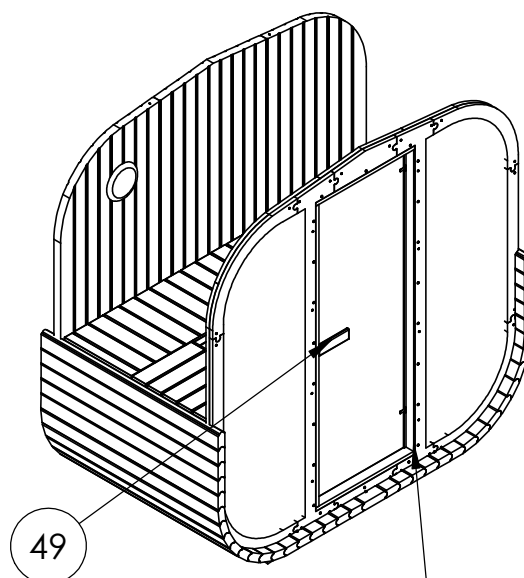
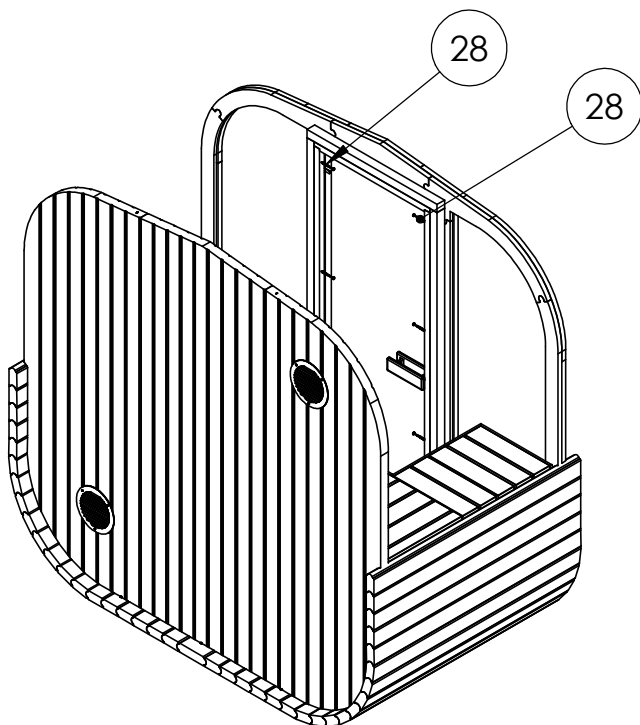


Recommended screw  
distance from the edge

## Door

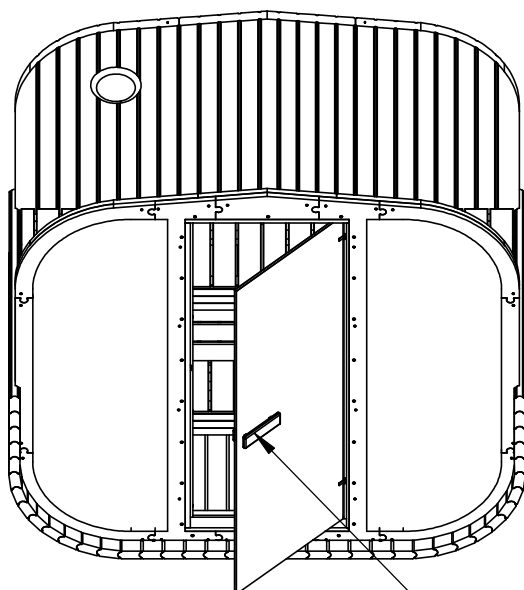
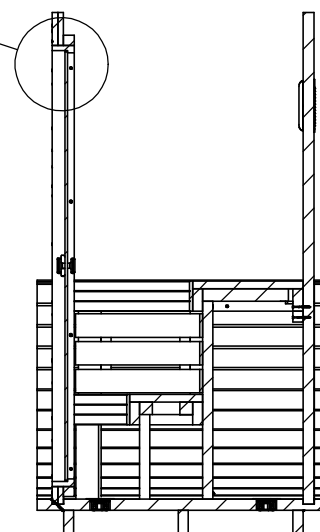
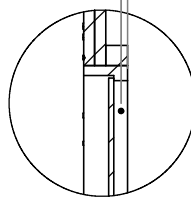
**Important: pre-drill every screw**

**Important: use caution while working with glass. Do not screw or drill the glass, for it will shatter.**



Match the edges of front wall and door frame

15mm  
0.59 in.

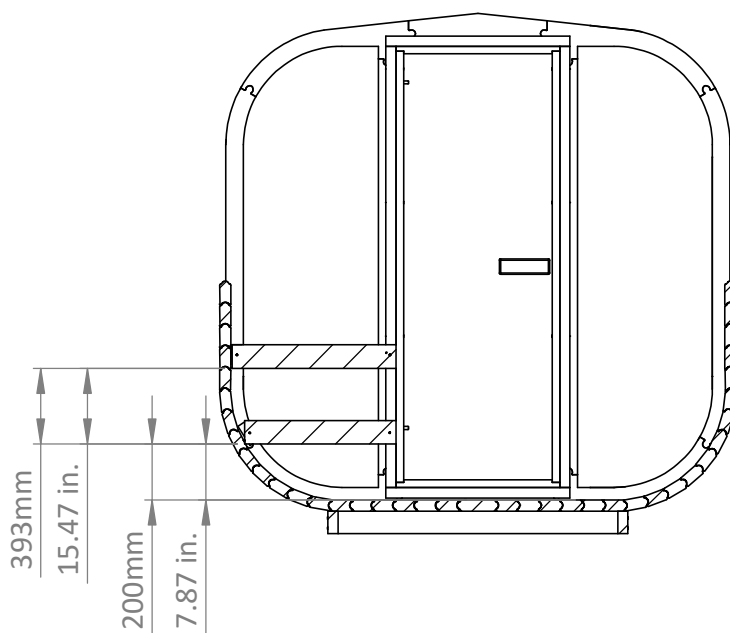
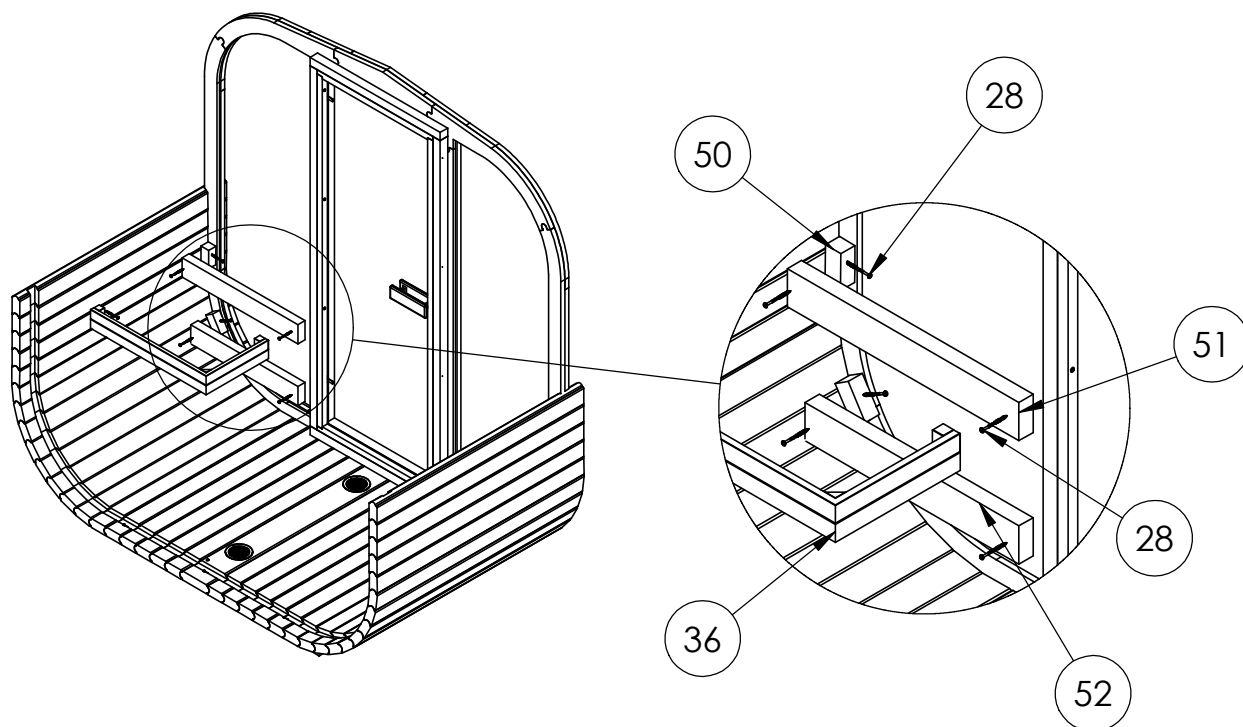


Make sure Door opens as shown

## Fireplace Holder

**Important: pre-drill every screw**

**Important: use caution while working with glass. Do not screw or drill the glass, for it will shatter.**

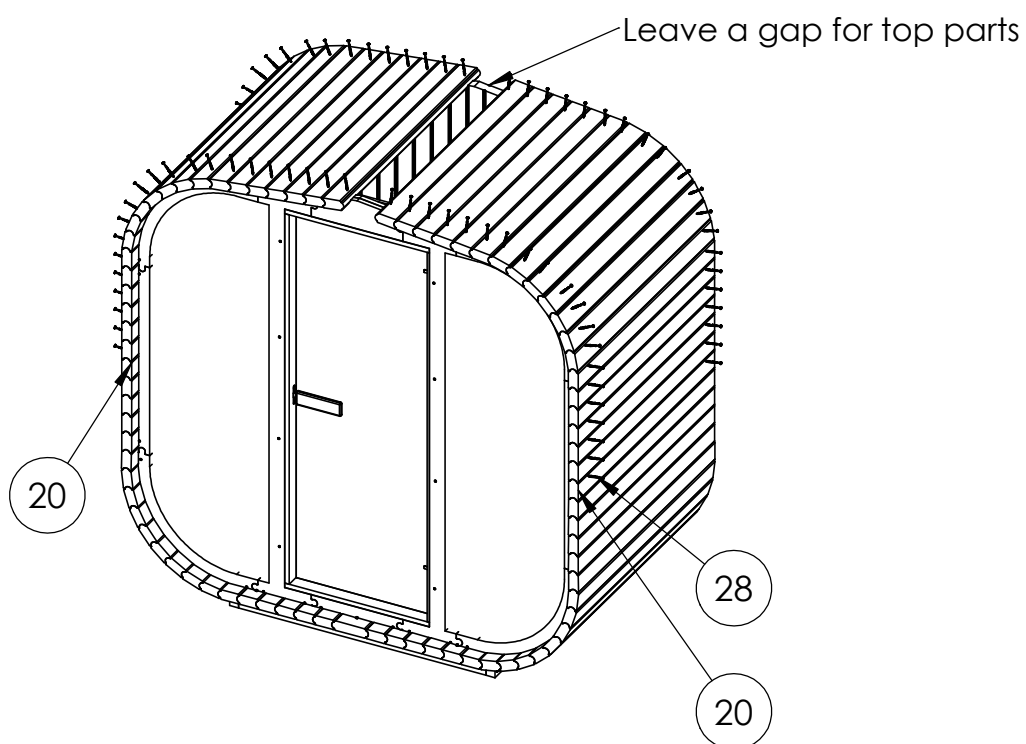
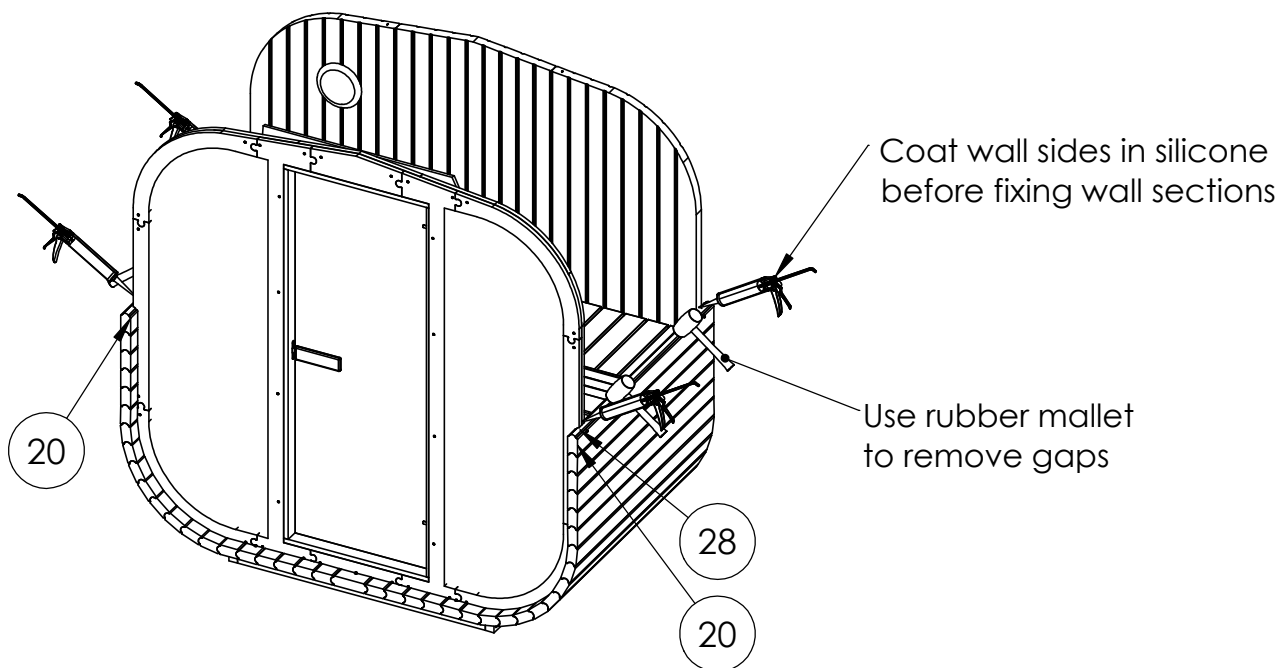




## Walls

**Important: pre-drill every screw**

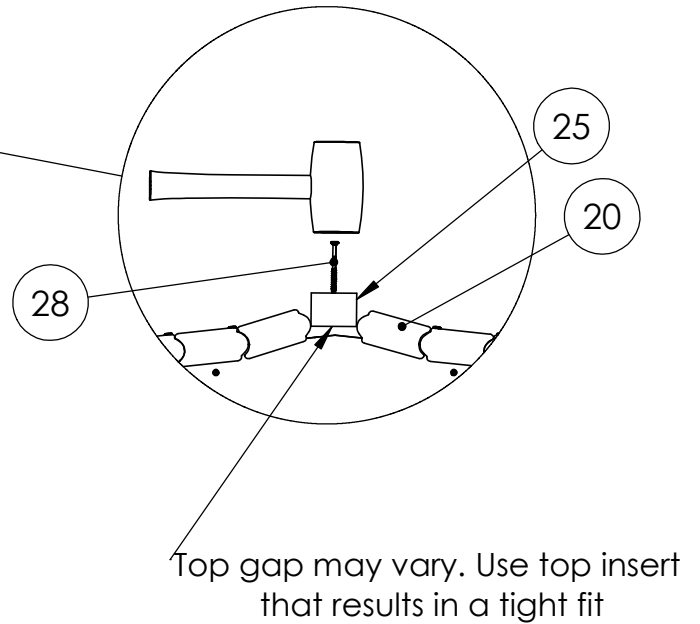
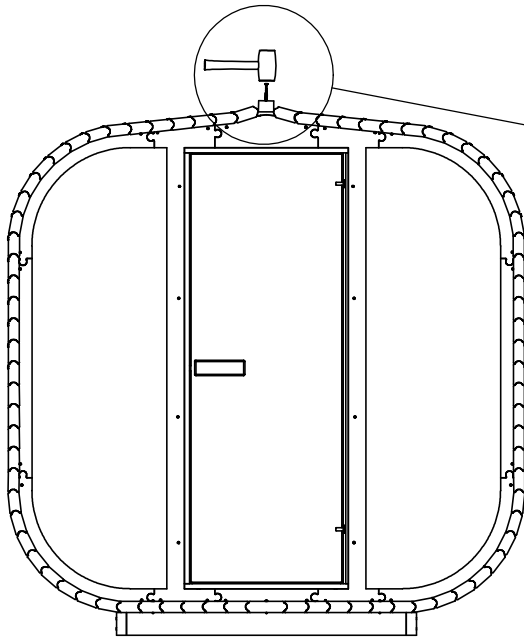
**Important: use caution while working with glass. Do not screw or drill the glass, for it will shatter.**



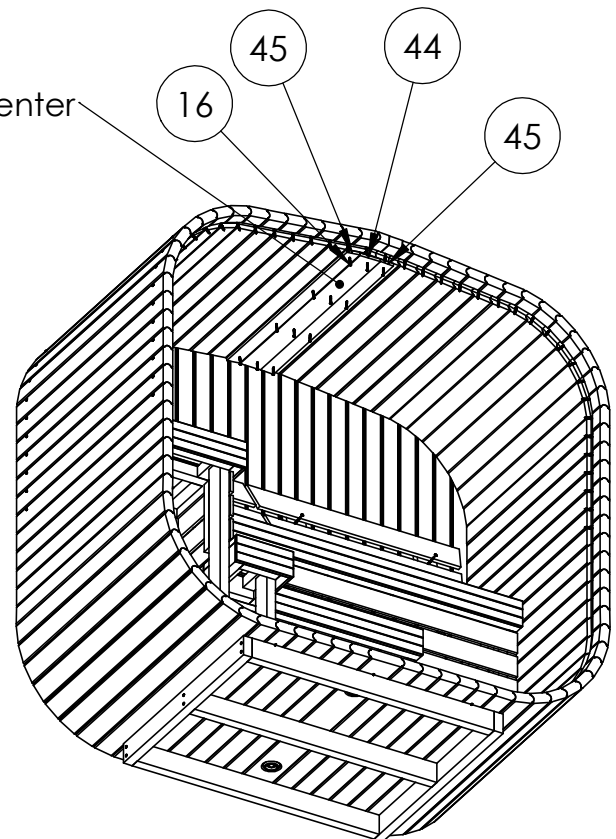
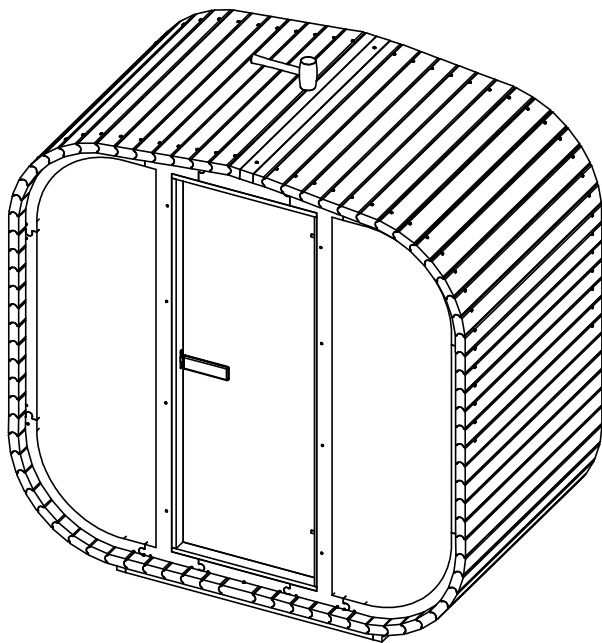
## Roof Planks

**Important: pre-drill every screw**

**Important: use caution while working with glass. Do not screw or drill the glass, for it will shatter.**

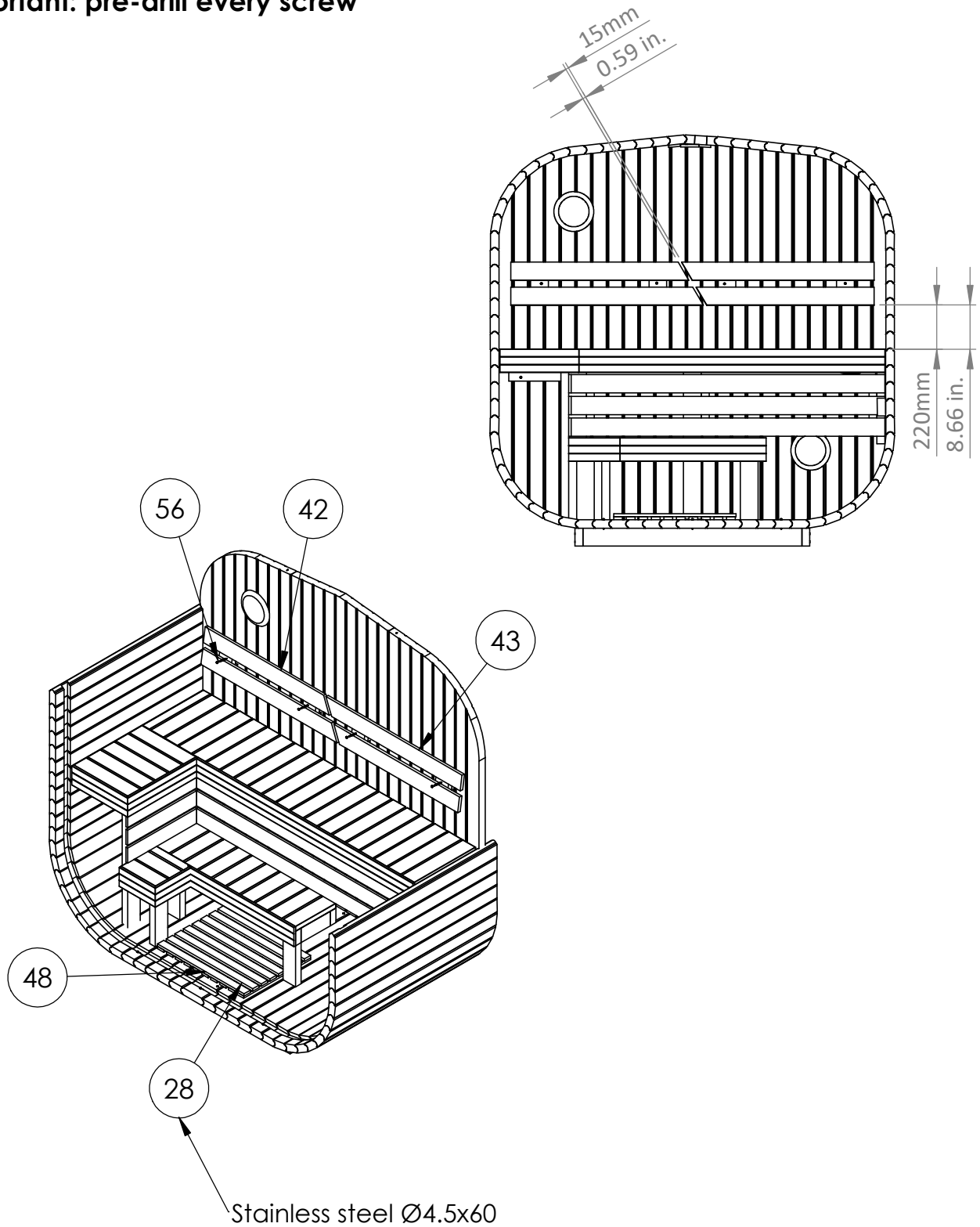


Place ceiling covers Top-Center



## Back Rest

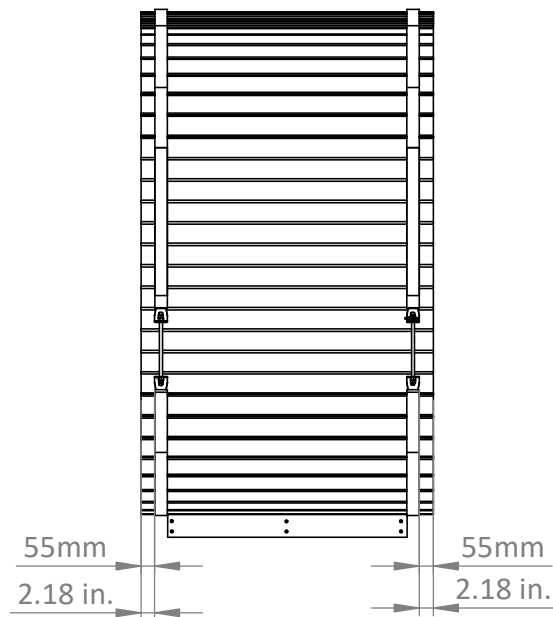
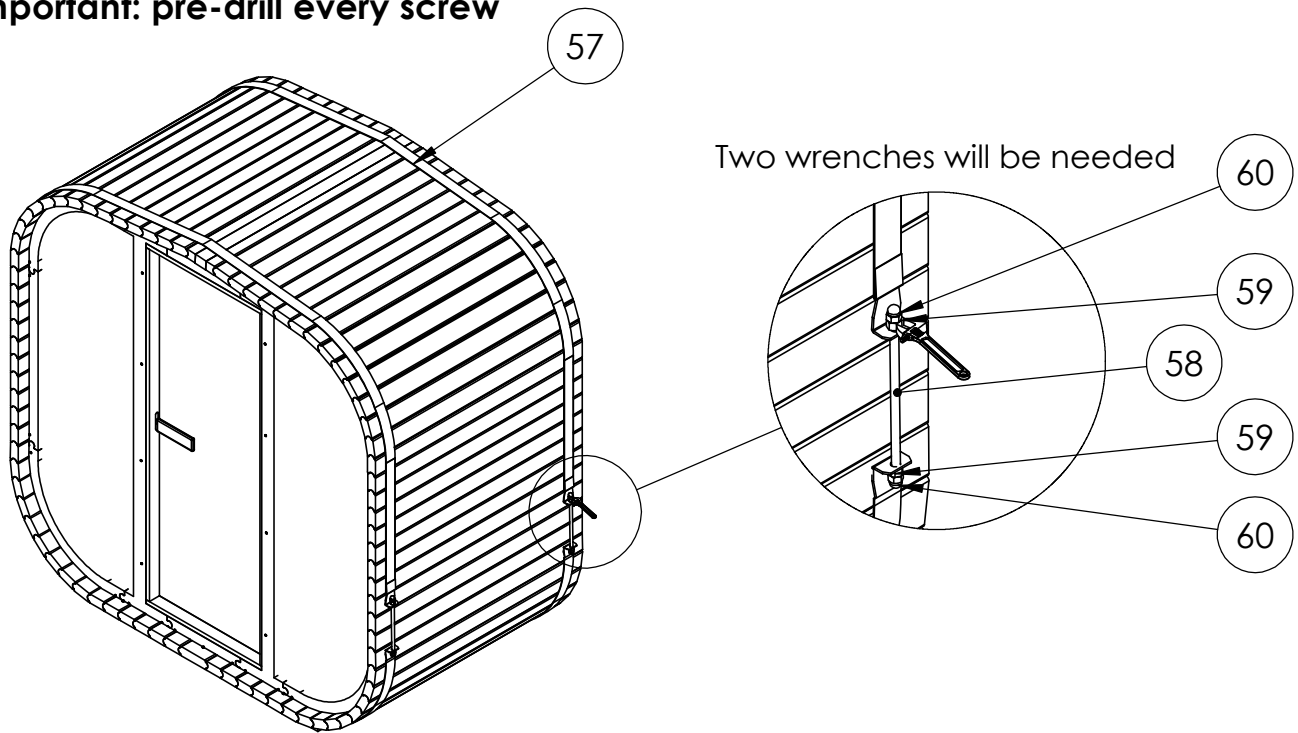
**Important: pre-drill every screw**



Ø4mm Drill Bit  
Ø0.157 in.

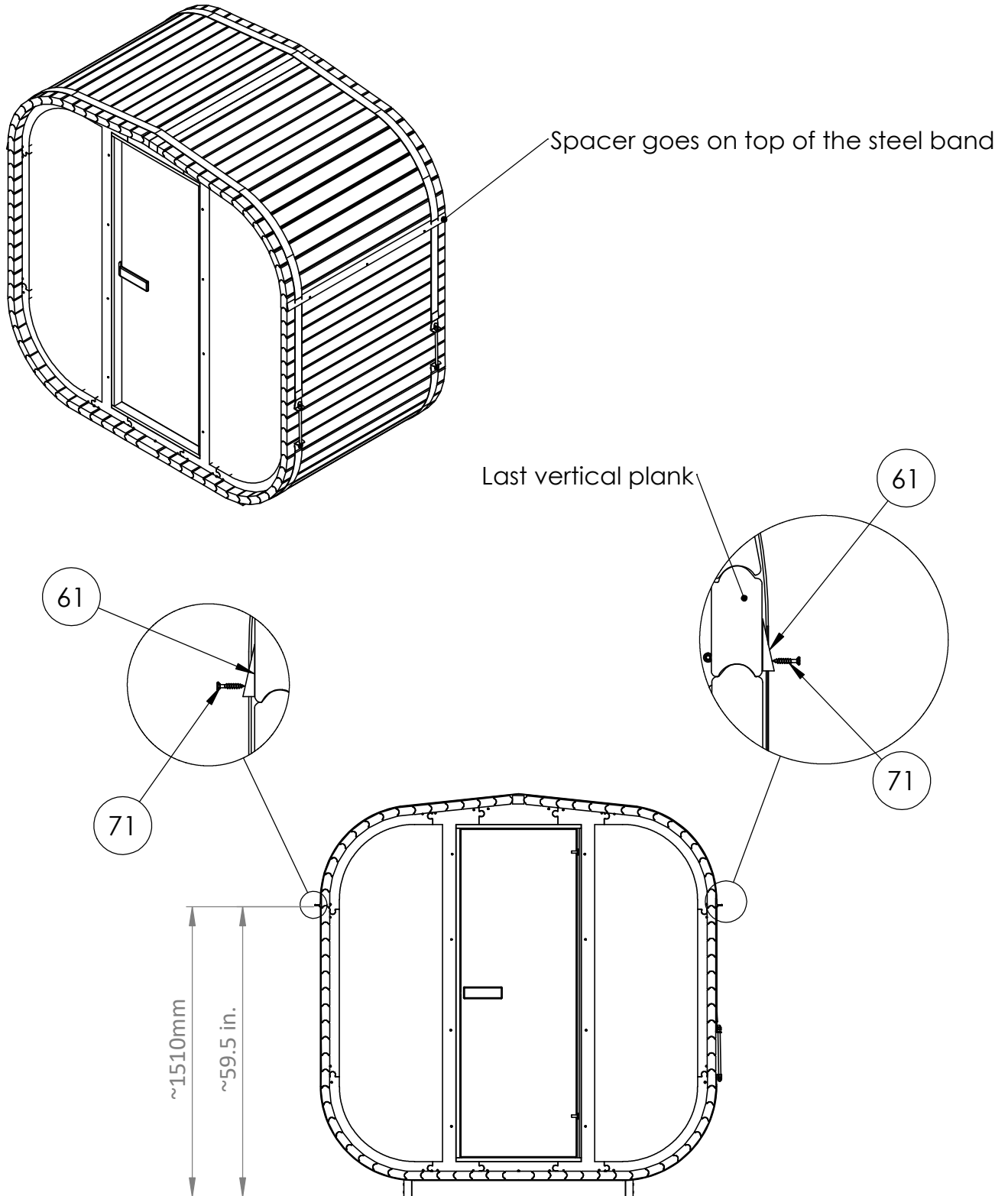
## Steel Band

**Important: pre-drill every screw**

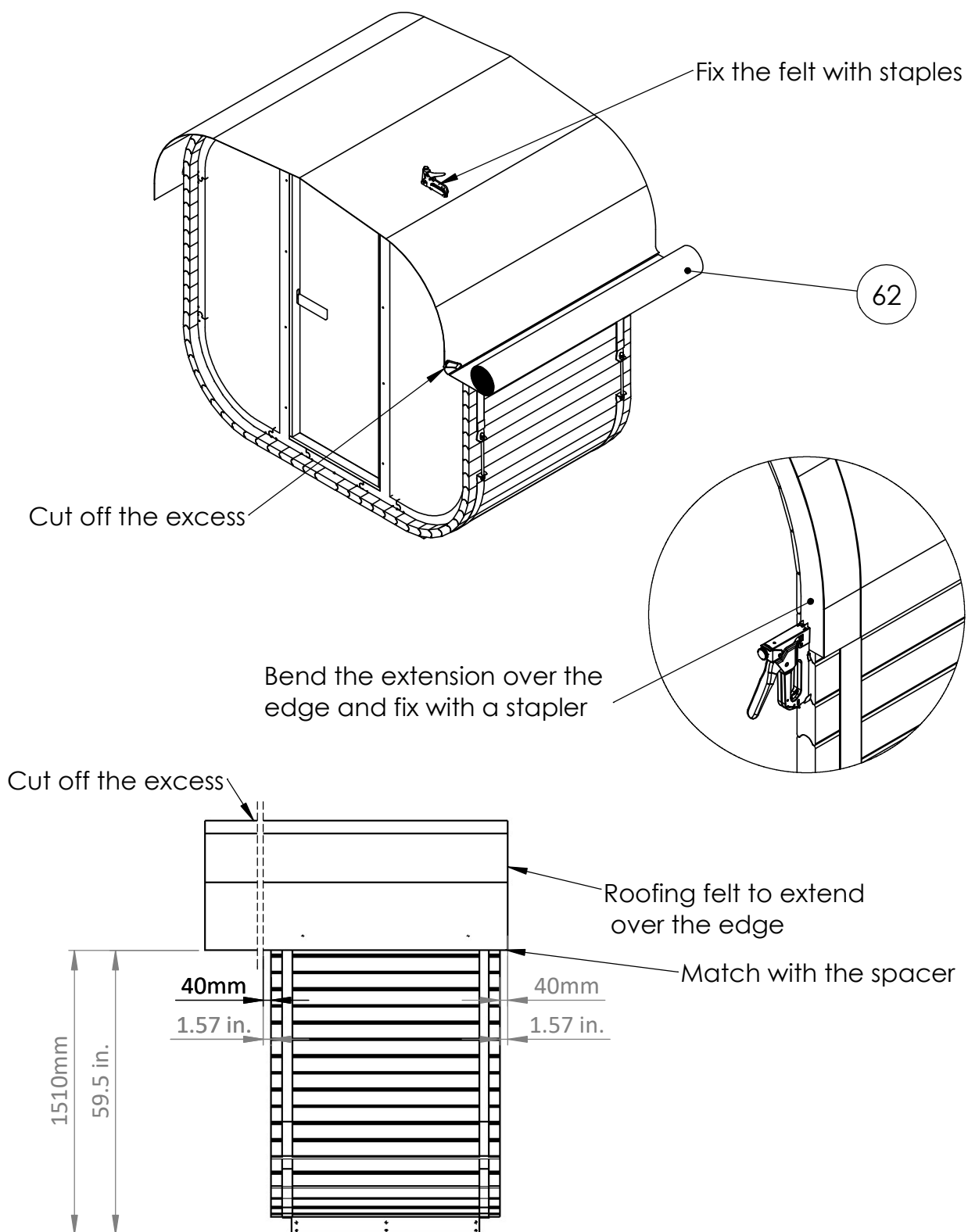


## Roof Spacer

**Important: pre-drill every screw**

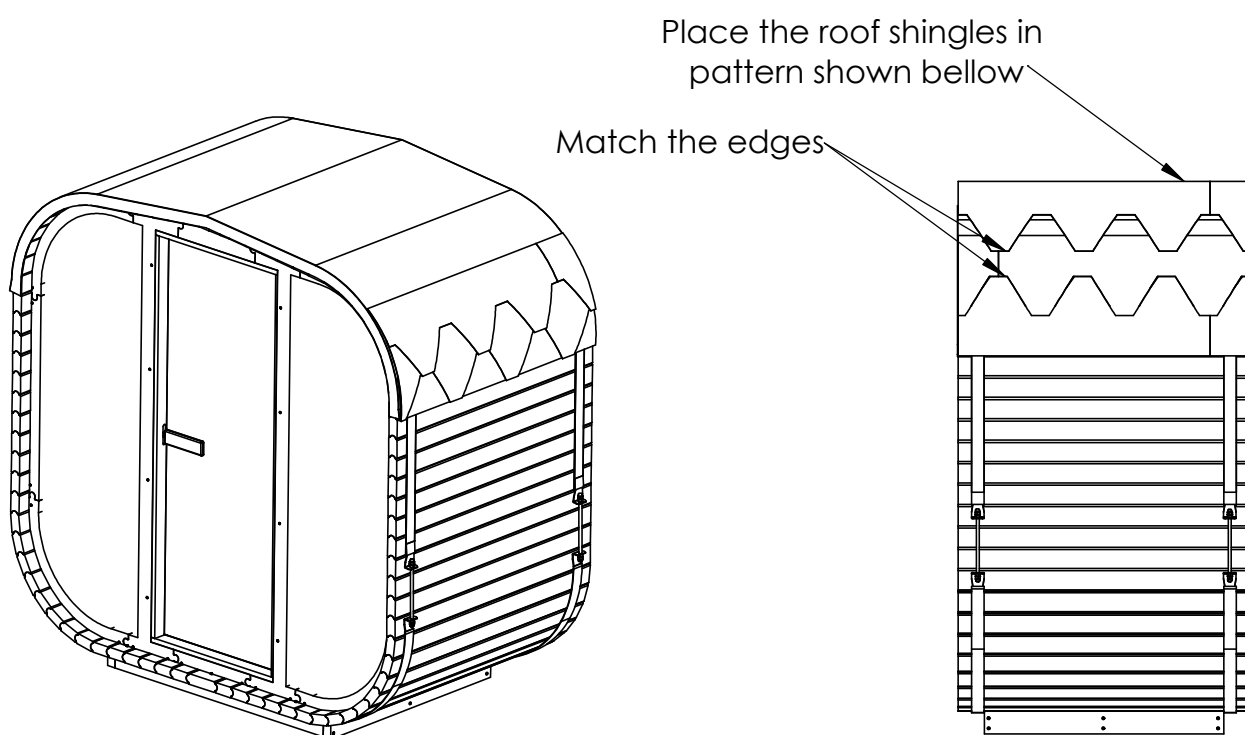
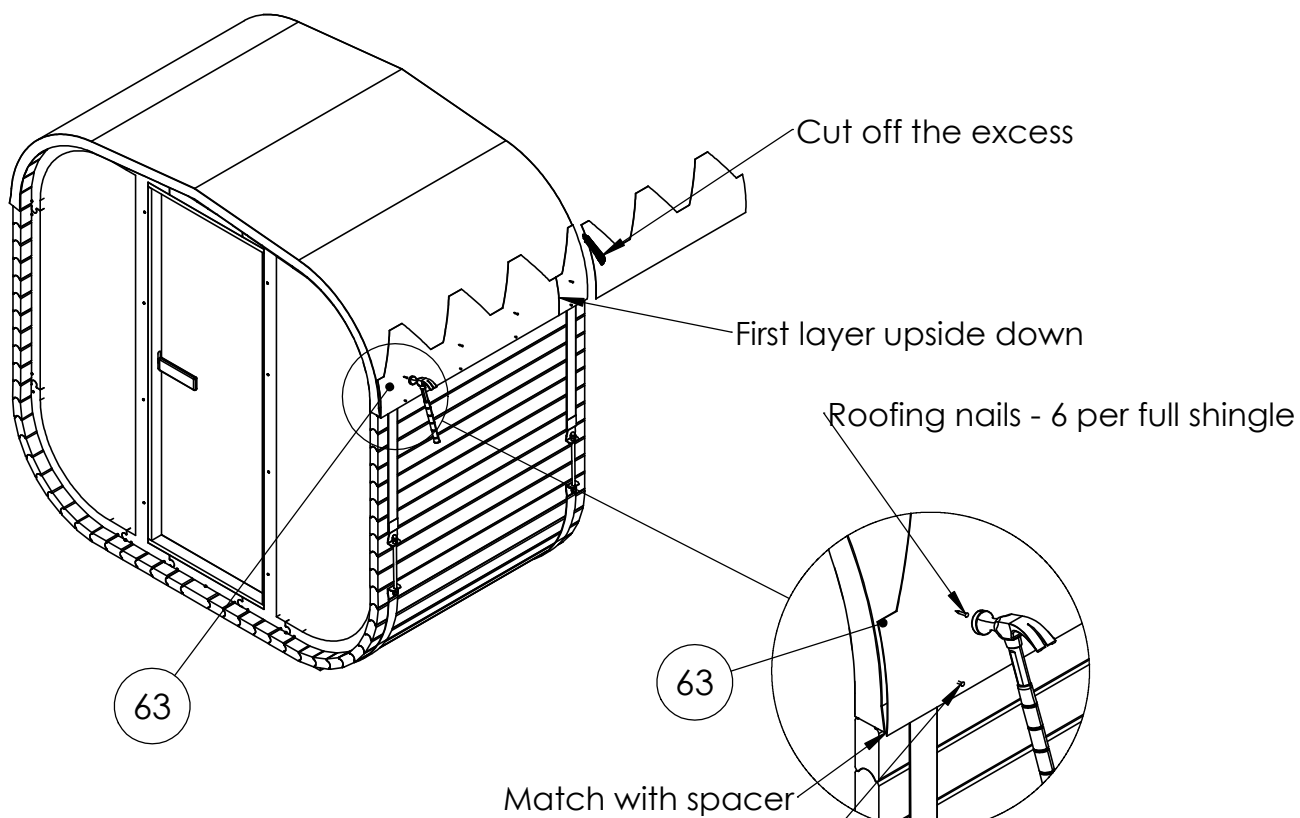


## Roof Felt

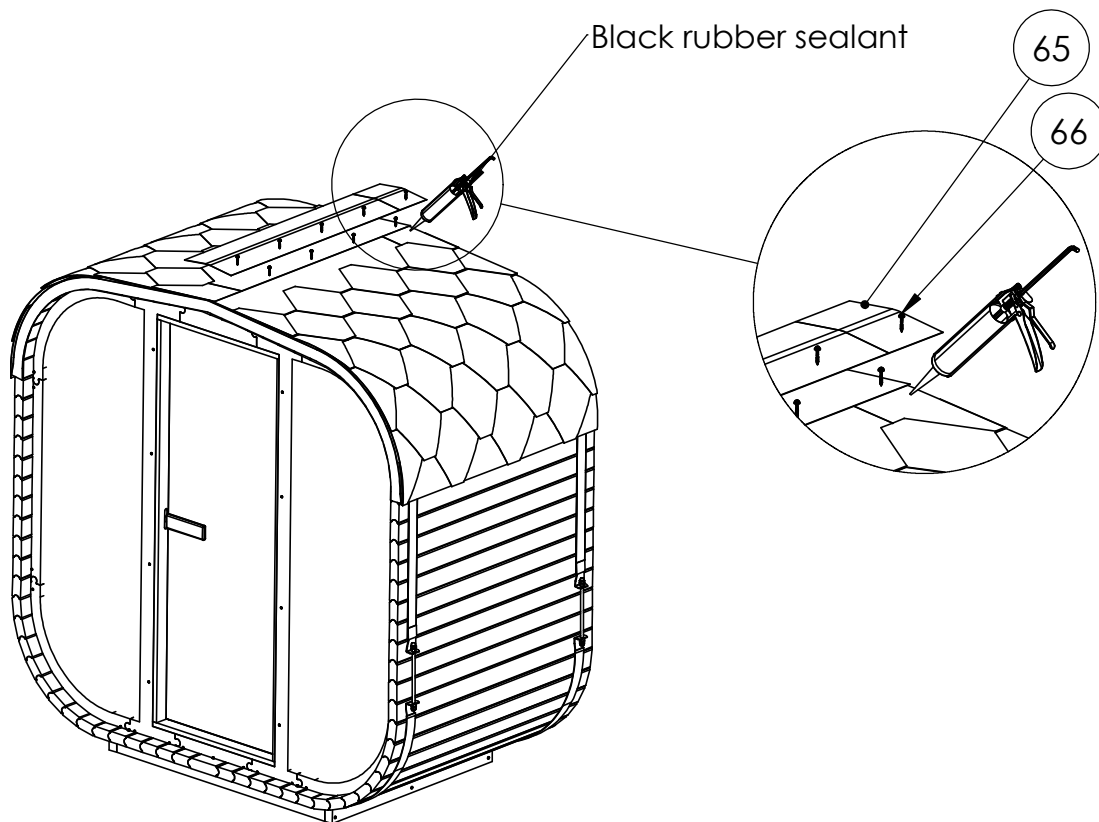
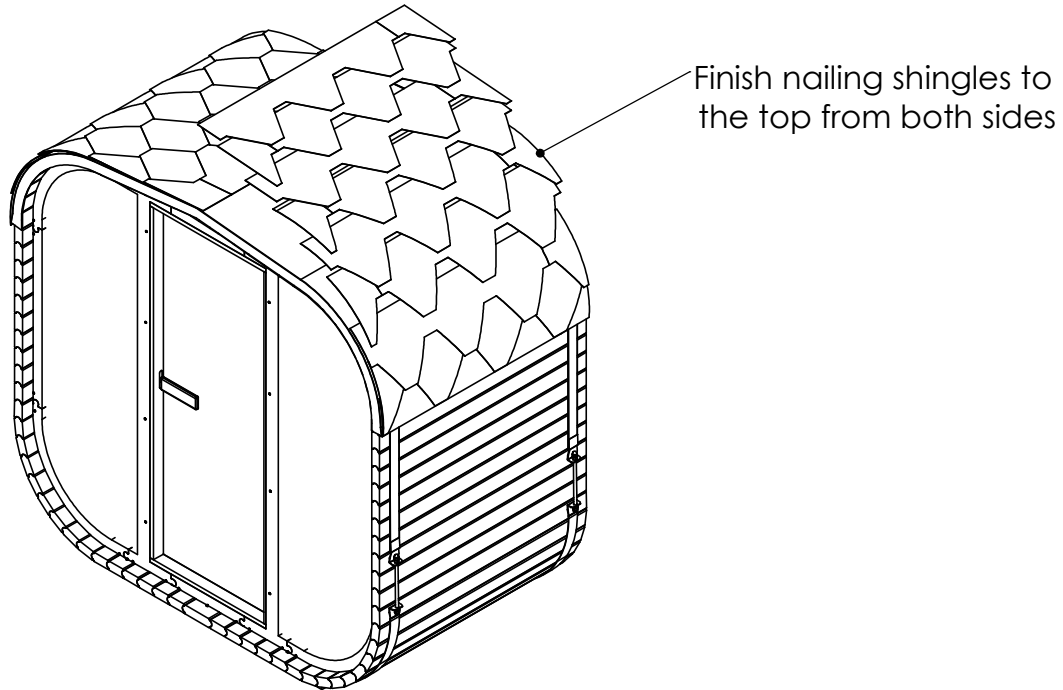


# Shingles

**Important: pre-drill every screw**



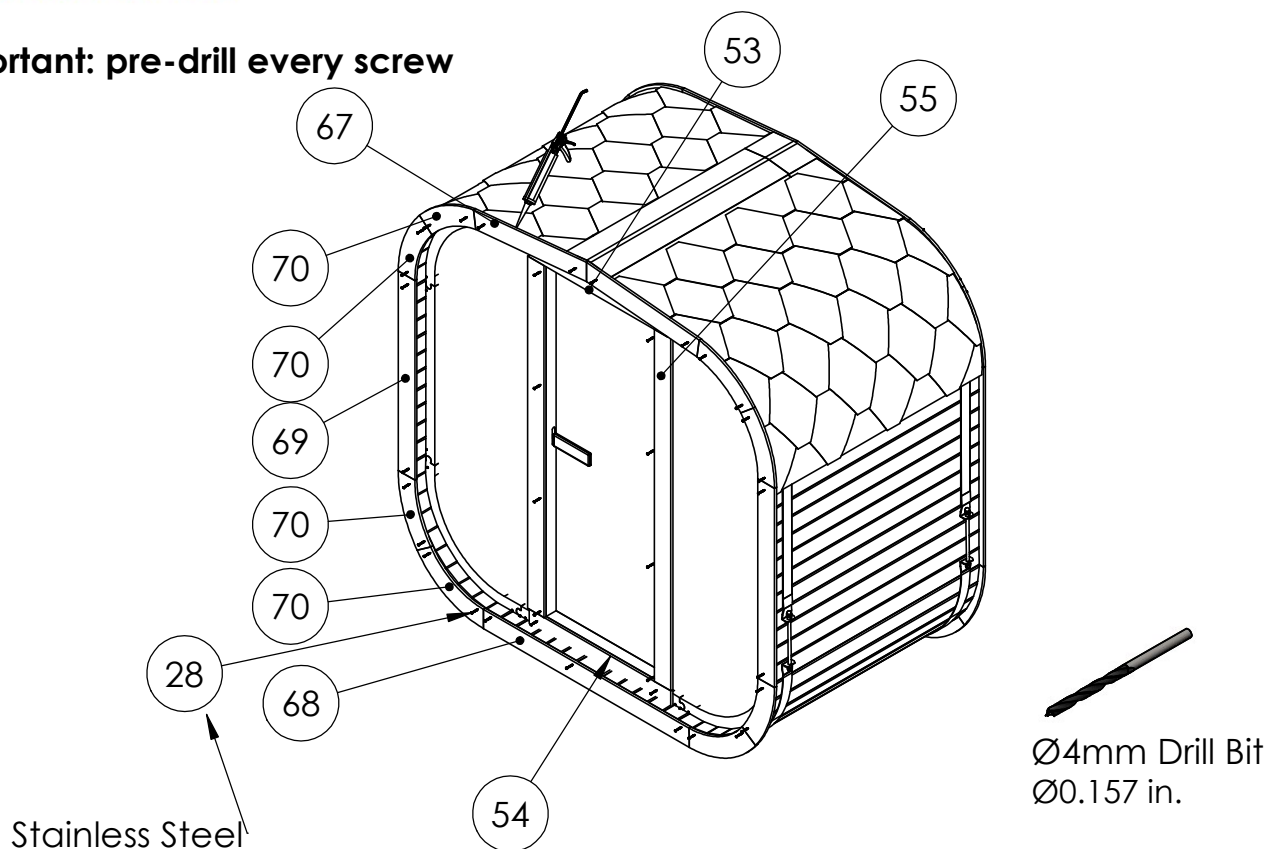
## Shingles



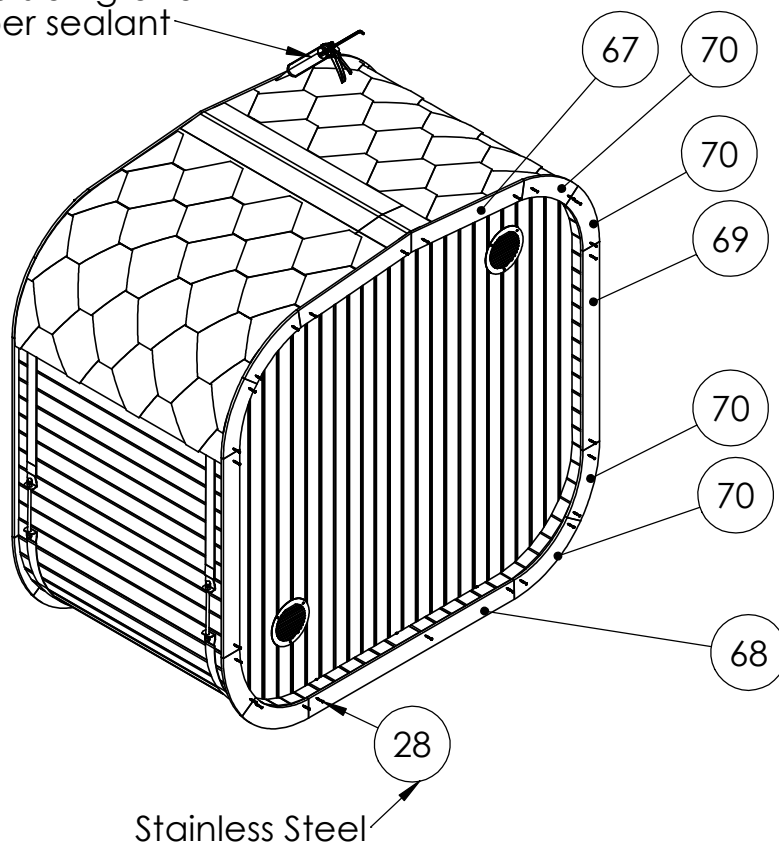


## Sidings

**Important: pre-drill every screw**



Coat the gap between the siding and roofing felt with black rubber sealant



It is recommended to contact a licensed electrician to connect power to the furnace and LED of the sauna.