Gable-roof tent hall, width 9.15 m

Models 303020P · 304020P · 305020P · 306020P · 307020P · 308020P · 3010020P

303020P 9.15 × 9.15 × 6.1 m	**304020P** 9.15 × 12.2 × 6.1 m	**305020P** 9.15 × 15.25 × 6.1 m
306020P 9.15 × 18.3 × 6.1 m	**307020P** 9.15 × 21.35 × 6.1 m	**308020P · 3010020P** 9.15 × 24.4 / 30.5 × 6.1 m

BEFORE ASSEMBLY

TECHNICAL DATA

Model	Width	Length	Height
303020P	9.15 m	9.15 m	6.1 m
304020P	9.15 m	12.2 m	6.1 m
305020P	9.15 m	15.25 m	6.1 m
306020P	9.15 m	18.3 m	6.1 m
307020P	9.15 m	21.35 m	6.1 m
308020P	9.15 m	24.4 m	6.1 m
3010020P	9.15 m	30.5 m	6.1 m

IMPORTANT – READ THE INSTRUCTIONS

Incorrect site preparation, assembly and maintenance can cause unnecessary and costly errors. If you have any questions, please contact us. Each part is marked with a code from the parts list – follow the part numbers and drawings during assembly.

- Tension the roof cover sufficiently so that it does not "flap" on the roof, and retension it once or twice after a few months of use.
- This applies especially to assembly in cold weather (autumn and winter): the cover is stiff then, slackens again when it gets warmer and must be retensioned before the next winter.
- The owner is responsible for removing snow immediately if it does not slide off by itself.

READ ALL INSTRUCTIONS BEFORE ASSEMBLY

1. Keep the work area clean. Clutter increases the risk of injury. Do not erect the hall near snowdrifts, on slippery or wet surfaces or in strong wind.
2. Children must be kept away from the work area during assembly.
3. Do not lean out. Keep a stable stance and balance throughout the assembly.
4. Do not carry out assembly under the influence of alcohol, intoxicating substances or medication that may affect judgement or reflexes. If in any doubt, do not carry out the assembly.
5. Allow for windy weather. If there is a risk of strong wind, fix the foundations in concrete. Remove the cover during a windstorm.
6. Be careful when working with electrical power and heat sources. Do not place heat sources near the cover and do not expose the hall to open fire.
7. Pay attention to personal safety during assembly and use. Take care not to trap your fingers between the clips and tubes. During use, ensure sufficient ventilation to remove exhaust gases and other hazardous fumes.

EQUIPMENT AND TOOLS FOR ASSEMBLY

Measuring tape · Alignment string · Ladder · Drill · Hammer · Spanner · Scissors

CHECK THE DELIVERY

PARTS LIST

Quantities are given according to hall length.

NO.	Part name	9.15 m	12.2 m	15.25 m	18.3 m	21.35 m	24.4 m	30.5 m
1	Bent roof tube	2 sets	3 sets	4 sets	5 sets	6 sets	7 sets	9 sets
1A	Bent roof tube of end arch (front and rear door)	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets
2	Bent side wall tube	4 sets	6 sets	8 sets	10 sets	12 sets	14 sets	18 sets
2A	Bent side wall tube of end arch (front and rear door)	4 sets	4 sets	4 sets	4 sets	4 sets	4 sets	4 sets
3	Bent shoulder tube	8 sets	10 sets	12 sets	14 sets	16 sets	18 sets	22 sets
4	Leg	6 sets	8 sets	10 sets	12 sets	14 sets	16 sets	20 sets
4A	Leg for front door	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets
5	Beam (purlin)	27	36	45	54	63	72	90
6	Ratchet	12 sets	14 sets	16 sets	18 sets	20 sets	22 sets	26 sets
6L	Left corner base plate	2	2	2	2	2	2	2
6R	Right corner base plate	2	2	2	2	2	2	2
7	Middle base plate	4	6	8	10	12	14	18
7A	Sectional base plate	0	0	0	0	0	0	2
8	Base plate for mechanical door	4	4	4	4	4	4	4
9	Door splice plate	8	8	8	8	8	8	8
10L	Left lower post of front and rear door frame	2	2	2	2	2	2	2
10R	Right lower post of front and rear door frame	2	2	2	2	2	2	2
11L	Left upper post of front and rear door frame	2	2	2	2	2	2	2
11R	Right upper post of front and rear door frame	2	2	2	2	2	2	2
12	Door beam (on both doors)	4	4	4	4	4	4	4
12A	Vertical support tube of door beam	2	2	2	2	2	2	2
13	Shoulder beam (on both doors)	4	4	4	4	4	4	4
14	Winch tube No. 14A	2	2	2	2	2	2	2
14A	Mechanical winch	2	2	2	2	2	2	2

NO.	Part name	9.15 m	12.2 m	15.25 m	18.3 m	21.35 m	24.4 m	30.5 m
15	Steel cable for mechanical door	2	2	2	2	2	2	2
16	Front and rear door tensioning tube	4	4	4	4	4	4	4
17	Side steel cable	6	8	10	12	14	16	20
18	Upper steel cable	12	12	12	12	12	12	12
19	Clip for door and steel cable	30	28	28	28	28	28	28
19A	Triangular plate	4	4	6	6	8	8	10
20	Vertical tube of front and rear door	14 sets	14 sets	14 sets	14 sets	14 sets	14 sets	14 sets
21	Lower roof cover tensioning tube	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets
22	Bolt 8 × 80 mm	106	120	144	168	192	216	264
22A	Bolt 12 × 30 mm	30	20	24	28	32	36	44
23	Bolt 10 × 90 mm	46	45	54	63	72	81	99
24	Bolt 10 × 90 mm	56	48	48	52	48	52	52
25	Bolt 10 × 30 mm	8 sets	4 sets	4 sets	4 sets	4 sets	8 sets	8 sets
25A	Bolt 10 × 60 mm	16	8	8	8	8	8	8
26	Nylon ratchet strap	8	10	12	14	16	18	22
27	Bundle of ropes	1	1	1	1	1	1	1
28	Plastic end cap	12	12	12	12	12	12	12
29	Anchor stake	40	48	56	64	72	80	100
30	Front and rear door cover	2	2	2	2	2	2	2
31	End-wall cover (front and rear wall)	2	2	2	2	2	2	2
32	Roof cover	1	1	1	1	1	1	2
33	PVC tube	2 sets	2 sets	2 sets	2 sets	2 sets	2 sets	4 sets
34	Small ratchet with strap	26	26	26	26	26	26	52

CHECK THE DELIVERY

FRAME SKETCH

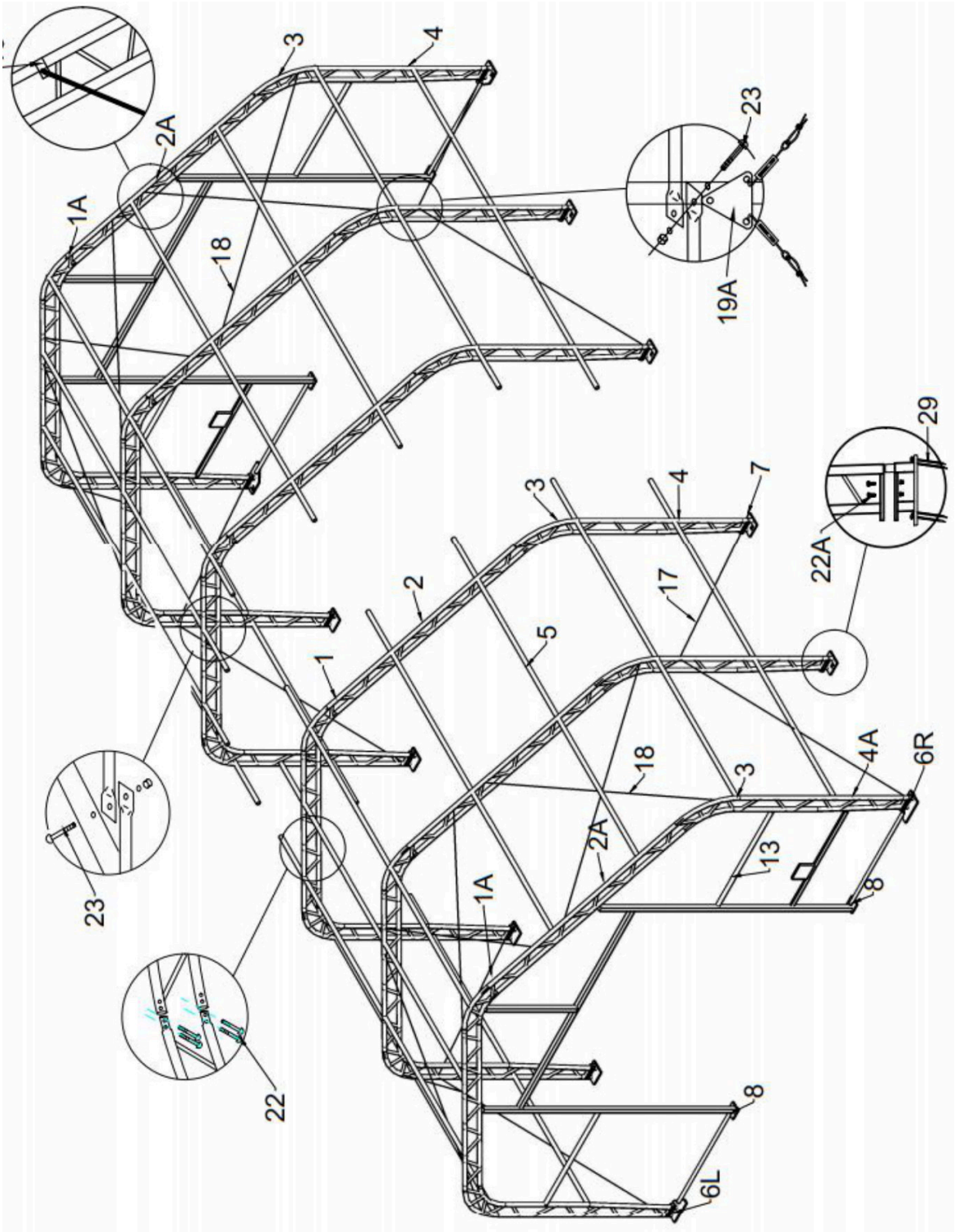


Fig. 1 – Frame sketch

ASSEMBLY · PART A

FOUNDATIONS

The base plate layout for the length of your hall is shown in Fig. 2. A detail of the base plate with ratchet No. 6 and stakes No. 29 is drawn in each drawing.

1 Measurements are taken from tube centre to tube centre (see Fig. 1 and Fig. 2).

2 Confirm the position of the base plates. Make sure the foundations are square – check that both diagonals match.

3 As shown in Fig. 2, each base plate comes with 4 stakes. Mark the stake hole through the base plate using a stake. Move the base plates aside – the mark shows where the stake will be driven in.

NOTE

The stakes are intended for normal conditions – they are not suitable for rocky terrain, frozen ground or concrete surfaces.

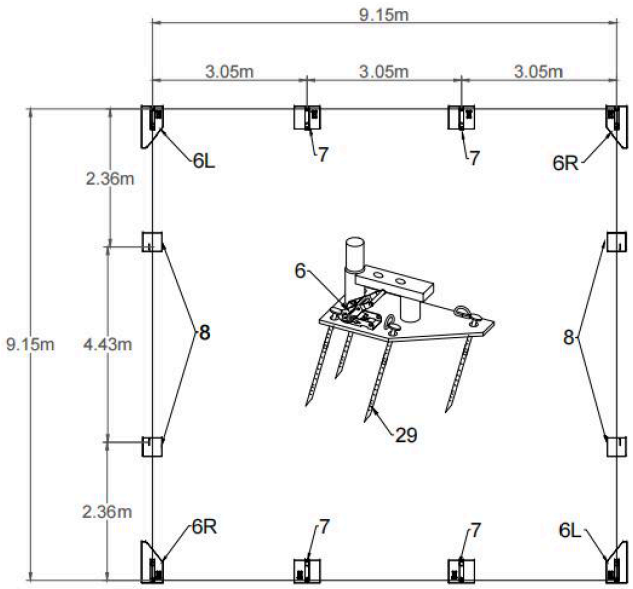


Fig. 2a – Length 9.15 m

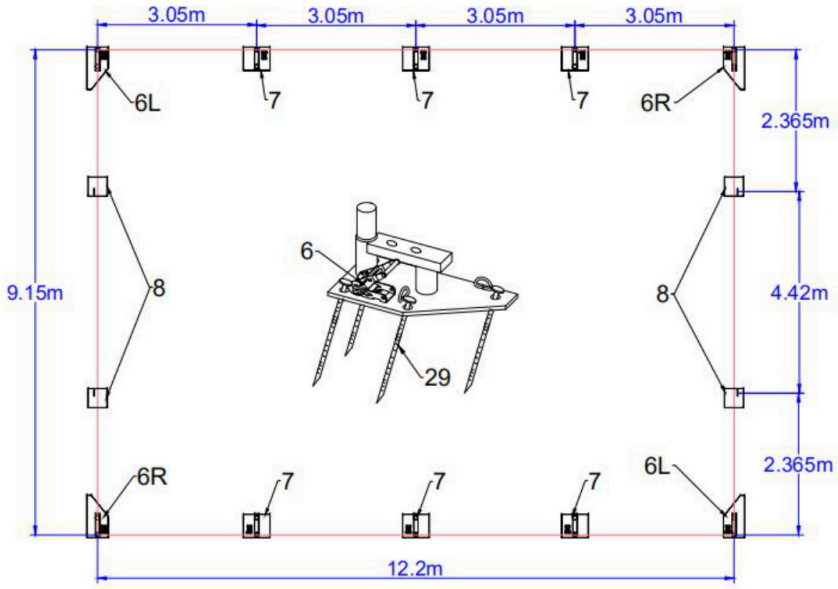


Fig. 2b – Length 12.2 m

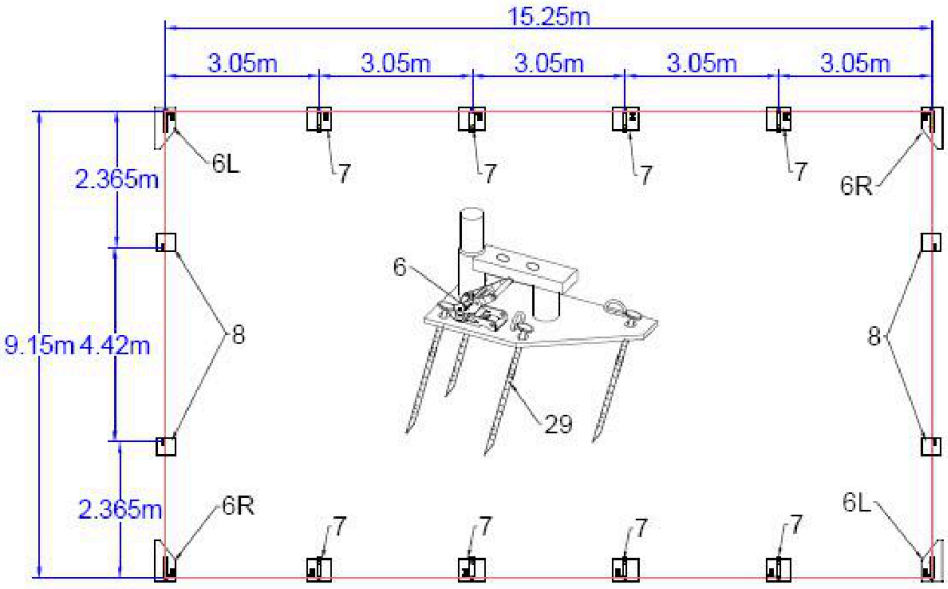


Fig. 2c – Length 15.25 m

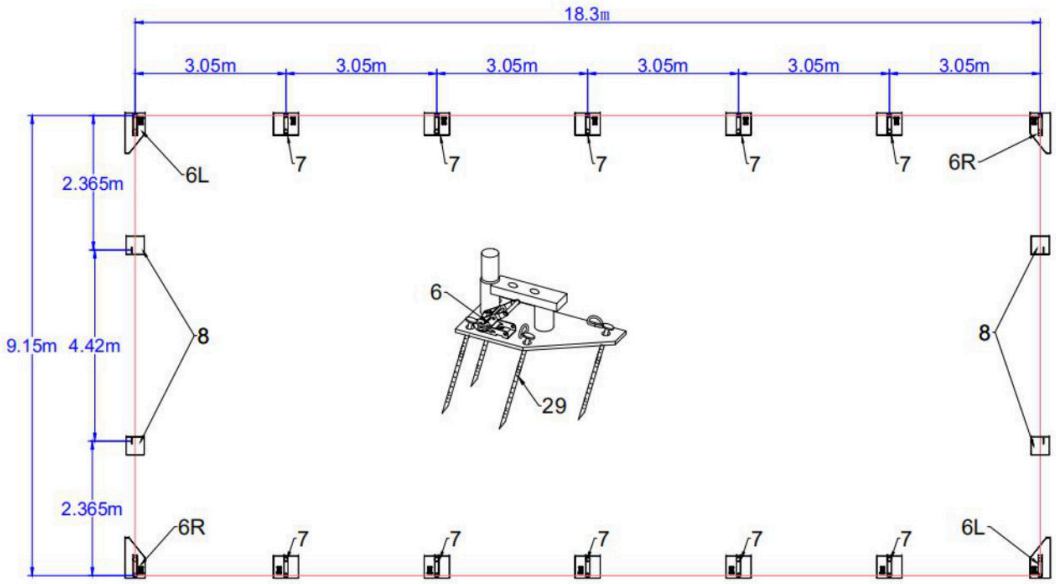


Fig. 2d – Length 18.3 m

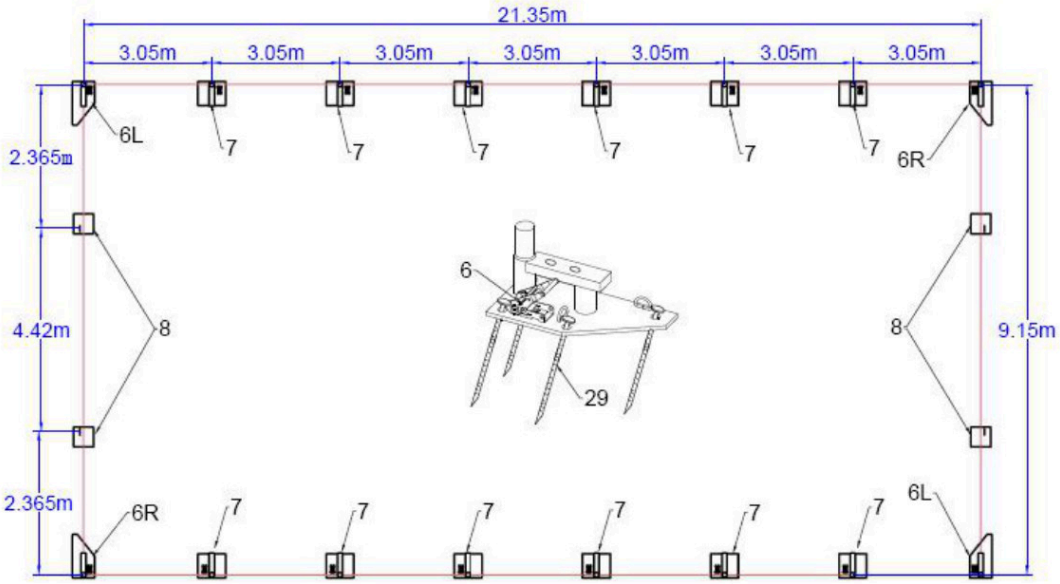


Fig. 2e – Length 21.35 m

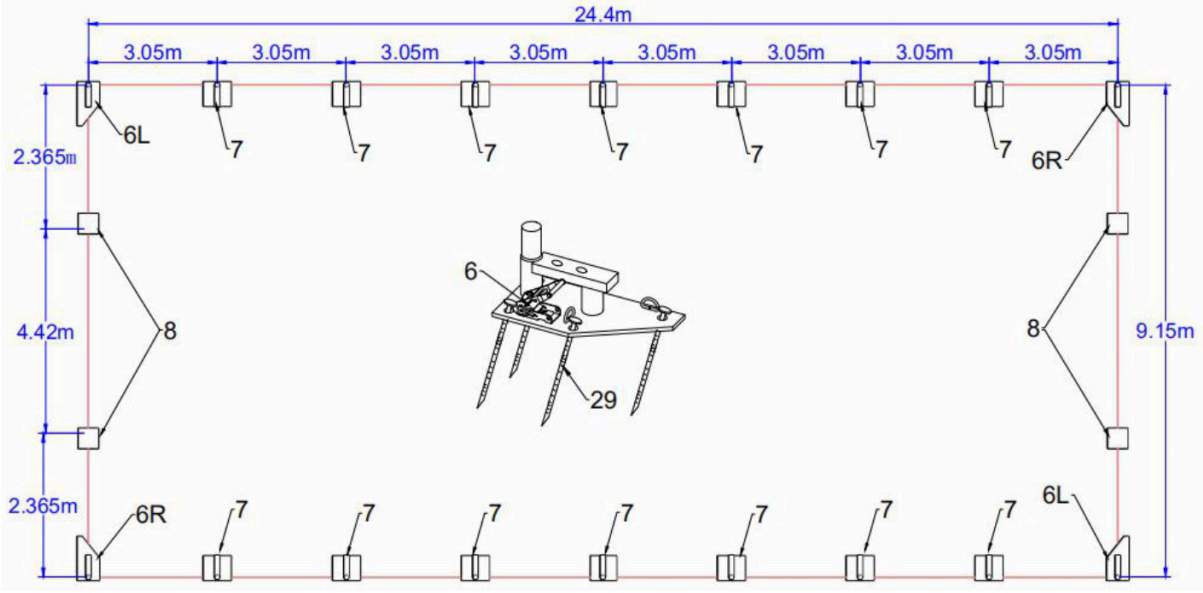


Fig. 2f – Length 24.4 m

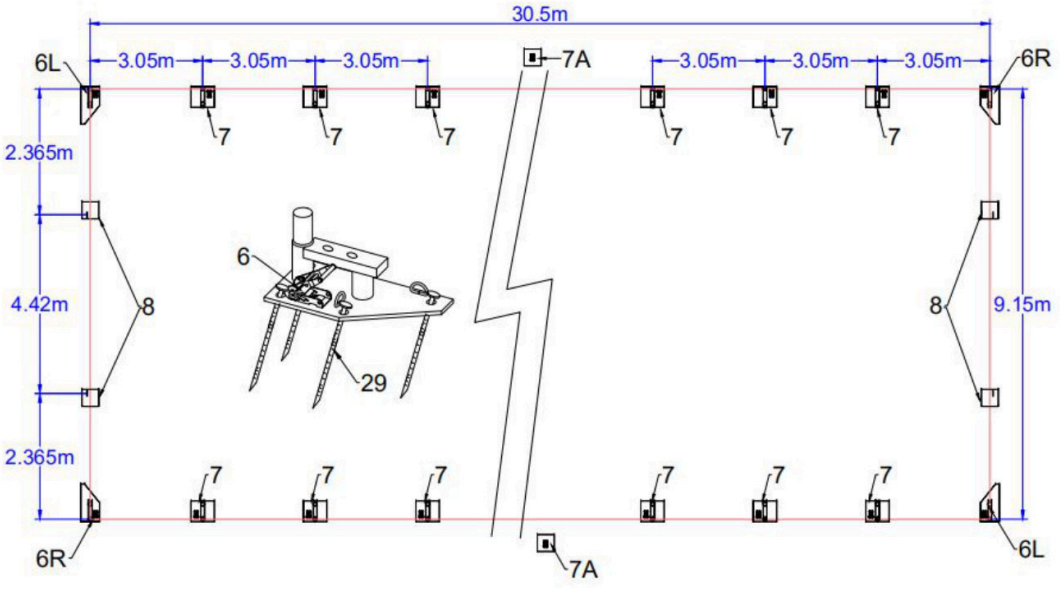


Fig. 2g – Length 30.5 m (with sectional base plates No. 7A)

ASSEMBLY · PART B

FRAME INSTALLATION

1

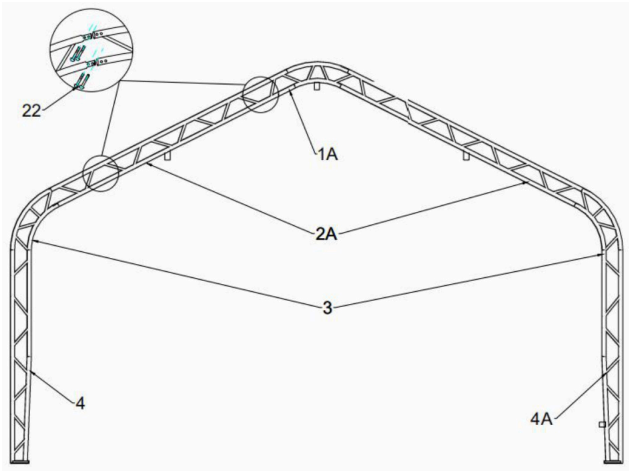


Fig. 3 – End arch

According to Fig. 3, connect the bent roof tube of the end arch (No. 1A), the bent side wall tubes of the end arch (No. 2A), the bent shoulder tubes (No. 3), the leg (No. 4) and the front door leg (No. 4A) with 8 × 80 mm bolts (No. 22). Then use a jack to fit the arch into the base plate tubes (see Fig. 4).

2

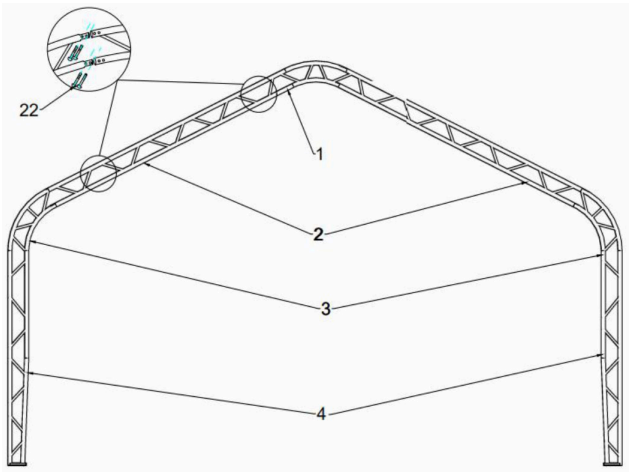
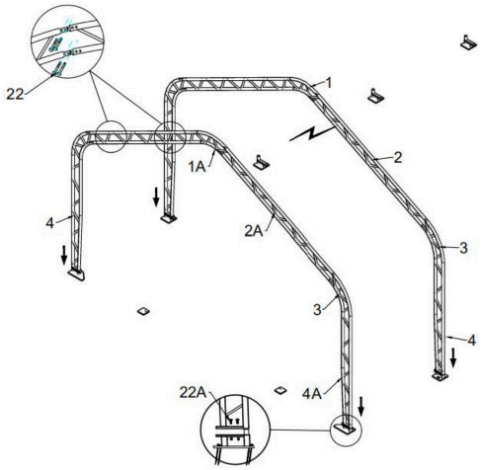


Fig. 4 – Inner arch

According to Fig. 4, connect the bent roof tube (No. 1), the bent side wall tubes (No. 2), the bent shoulder tubes (No. 3) and the legs (No. 4) with 8 × 80 mm bolts (No. 22). Use a jack to fit the arch into the base plate tubes.

3



Standing the arches on the base plates

Assemble and erect all arches one by one. Secure the legs in the base plates with bolts No. 22A (detail in the drawing).

4

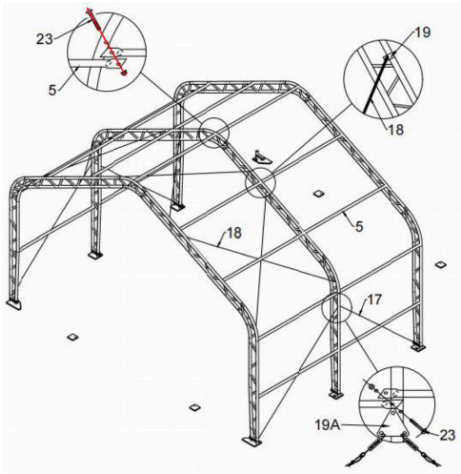
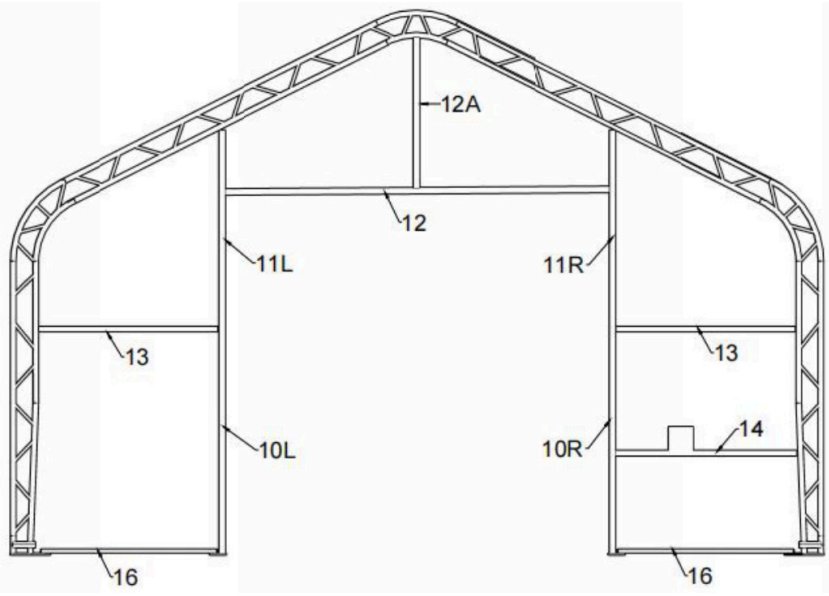


Fig. 5 – Beams and cable wind bracing

Gradually connect the beams (No. 5) to the arches with 10 × 90 mm bolts (No. 23). Then attach the upper and side steel cables (No. 18 and No. 17) using clips (No. 19); the side cables are fixed via triangular plates (No. 19A) with bolts No. 23 (see Fig. 5).

ASSEMBLY · PART C

INSTALLING THE FRONT AND REAR COVER



Front and rear door frame – parts overview

1

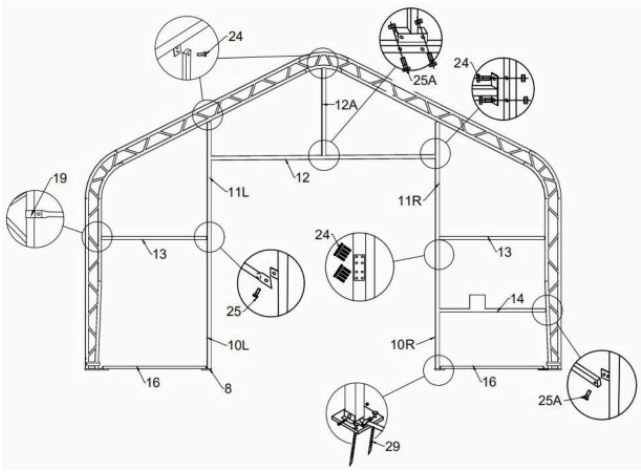


Fig. 6 – Front and rear door

Assemble the door frame according to Fig. 6: posts No. 10L/10R and 11L/11R, door beam No. 12 with support tube No. 12A, shoulder beams No. 13, winch tube No. 14 and lower tensioning tubes No. 16. Secure the joints with bolts No. 24, No. 25 and No. 25A, fit clips No. 19 and anchor the door base plates No. 8 with stakes No. 29.

2

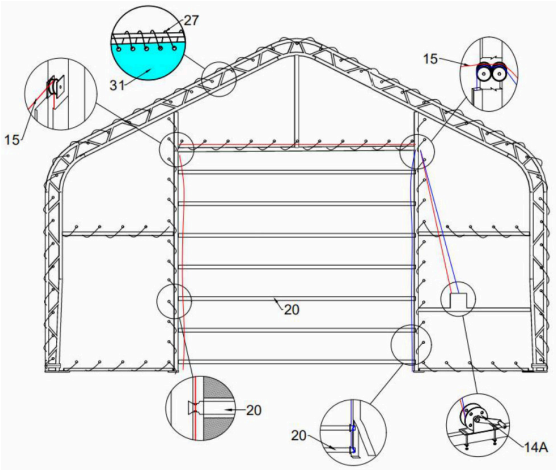


Fig. 7 – Front and rear cover

Insert the vertical tubes (No. 20) into the pockets of the front and rear door covers and mount the mechanical winch (No. 14A) with steel cable (No. 15). Fix the front and rear door covers with rope (No. 27) – first fit the cover snugly against the frame, then tension it.

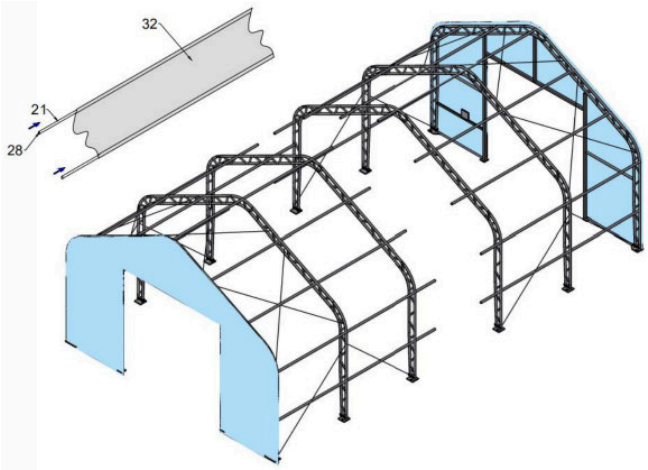
ASSEMBLY · PART D

INSTALLING THE ROOF COVER

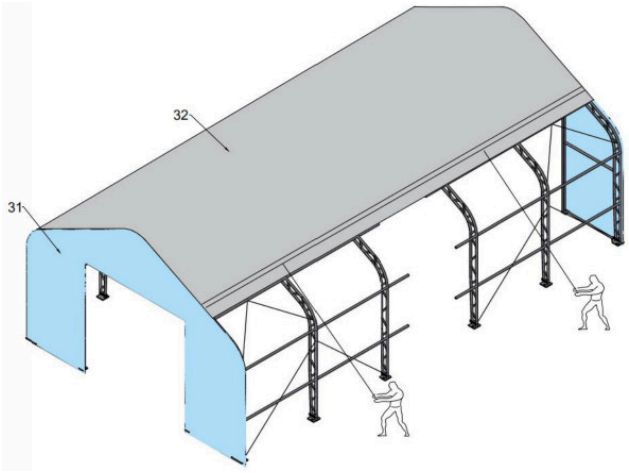
NOTE

Do not install the roof cover on the frame in strong wind.

1



Roof cover, tensioning tubes No. 21 and caps No. 28



Pulling the roof cover over

Pull the roof cover (No. 32) over the frame structure using ropes.

2

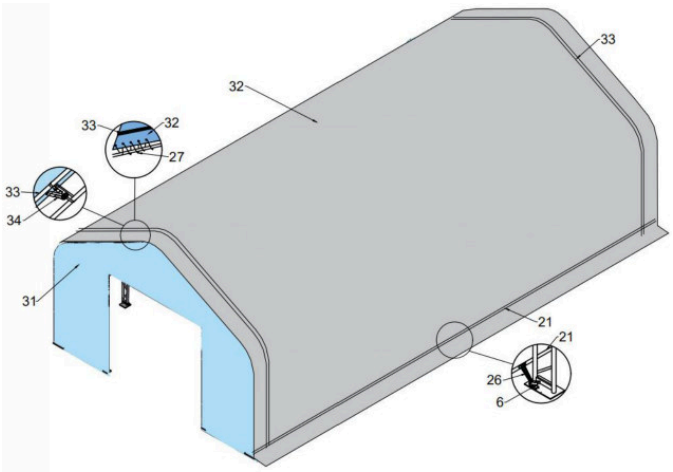


Fig. 8

When the roof cover is stretched over the frame (see Fig. 8), insert the tensioning tubes (No. 21) into the pockets along both sides of the roof cover. Cut an opening in the cover for the nylon strap vertically above each ratchet. Pass the nylon strap (No. 26) through the cut opening behind the tube and fix both ends in the ratchet (No. 6).

3

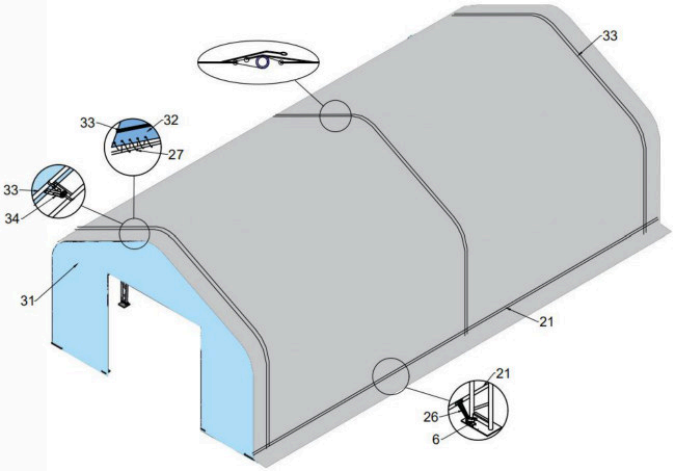


Fig. 9

Tension the roof cover from front to back by lacing rope through the eyelets inside the main cover or by tightening the small ratchets with strap (No. 34) inside, around the front and rear arch. Use the supplied rope (No. 27) to lace the main cover eyelets around the front and rear arch of the frame. Start at the centre and work gradually towards both sides down to the ground. Extend the rope as necessary by tying pieces together, or shorten it.

MAINTENANCE

MAINTENANCE AND USE

- Check the roof cover tension regularly so that it does not "flap" on the roof.
- Retension the cover after a few months of use and before winter.
- Remove snow immediately if it does not slide off by itself.
- Remove the cover during a windstorm.

CONGRATULATIONS – ASSEMBLY IS COMPLETE.

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