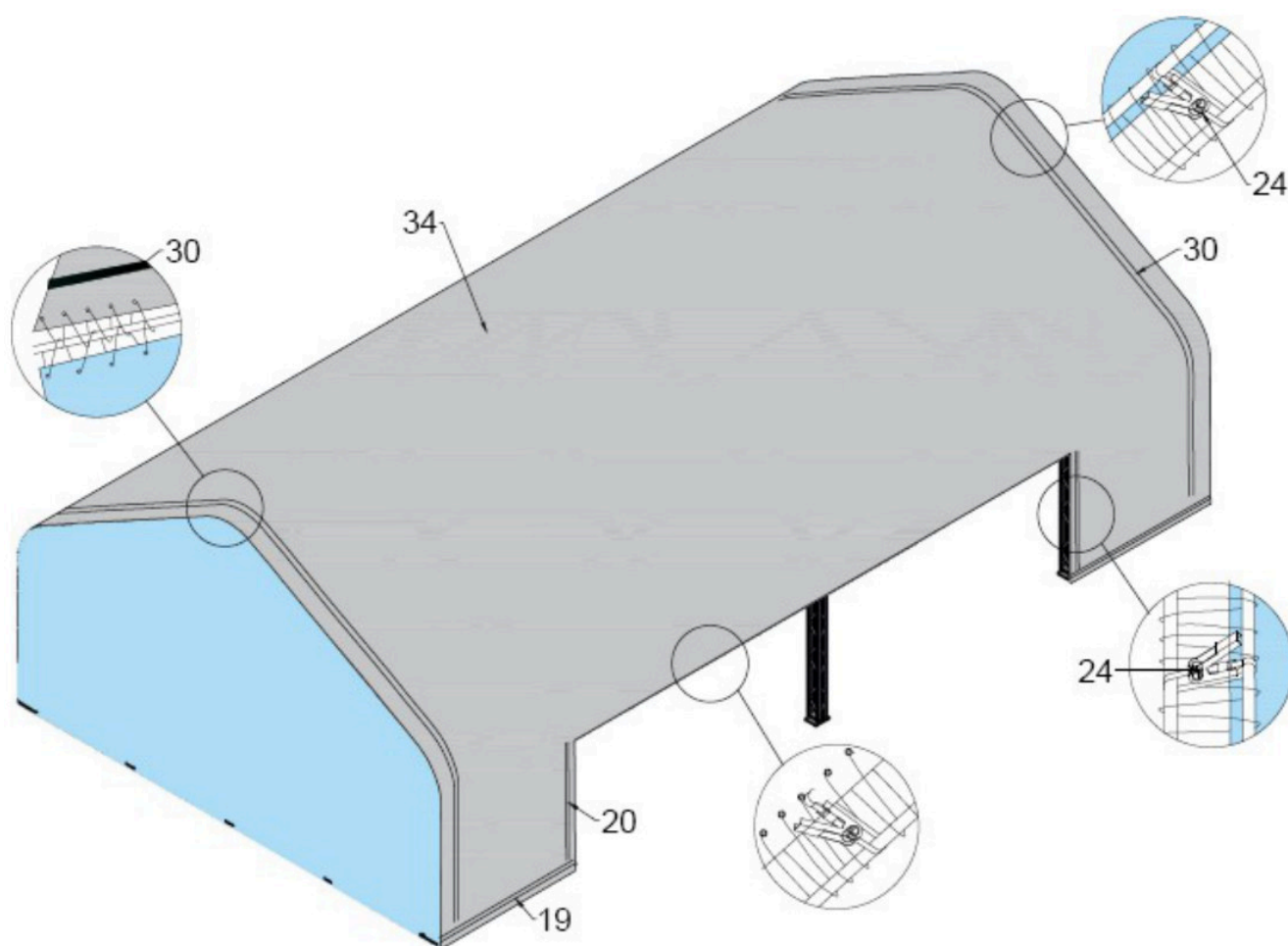




Shelter 10 × 18.3 m with side entrance

Model 336020P

336020P

10 × 18.3 × 6 m

BEFORE ASSEMBLY

TECHNICAL DATA

MODEL

336020P

WIDTH

10 m

LENGTH

18.3 m

HEIGHT

6 m**IMPORTANT – READ THE INSTRUCTIONS FIRST**

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 no sagging forms on the roof, and retighten 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, and when it later gets warmer it slackens again and must be retensioned before the following 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 shelter 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 shelter 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

Stakes

Ladder or scissor lift

Hammer

Drill

Spanner

Knife

Jack

CHECK THE DELIVERY

PARTS LIST

NO.	Part name	Pcs
● 1	Bent roof tube	5
● 1A	Bent roof tube for front and rear wall	2
● 2	Bent side wall tube	10
● 2A	Bent side wall tube for front and rear wall	4
● 3	Bent shoulder tube	9
● 3A	Bent shoulder tube for side entrance	5
● 4	Leg	9
● 4A	Middle leg of side entrance	1
● 4L	Left leg of side entrance	1
● 4R	Right leg of side entrance	1
● 5	Beam (crossbar)	48
● 5A	Beam at side entrance	2
● 6	Ratchet	15
● 6L	Left corner base plate	2
● 6R	Right corner base plate	2
● 7	Middle base plate	5
● 7A	Middle base plate of side entrance	1
● 7AL	Left base plate of side entrance	1
● 7AR	Right base plate of side entrance	1
● 8	Middle base plate of front and rear wall	6
● 9	Lower support leg of front and rear wall	6
● 10	Middle upper support leg of front and rear wall	2
● 11	Side upper support leg of front and rear wall	4
● 12	Shoulder and middle cross tube of front and rear wall	12
● 12A	Side shoulder cross tube of front and rear wall	4
● 13	Tensioning tube of front and rear wall	8
● 14	Side crossbar of side entrance	2
● 15	Side crossbar of side entrance	2
● 16	Side crossbar of side entrance	1

NO.	Part name	Pcs
● 17	Roof cover tensioning tube	1 set
● 18	Side tensioning tube of roof cover	1 set
● 19	Lower tensioning tube of side entrance	2
● 20	Side tensioning tube of side entrance	2
● 21	Side steel cable	8
● 22	Upper steel cable	12
● 23	Clip for door and steel cable	48
● 24	Small ratchet with strap	30
● 25	Nylon ratchet strap	15
● 26	Anchor stake	60
● 27	Self-tapping screw	-
● 28	PVC strip	30 m
● 29	Rope	1
● 30	Side PVC cover	16
● 31	Large ratchet with strap	14
● 32	PVC layer	30 m
● 33	Front and rear cover	2
● 34	Roof cover	1
● 35	Carriage bolt M8 × 70	198
● 36	Bolt M12 × 30	36
● 37	Carriage bolt M10 × 80	86
● 38	Bolt M10 × 30	24
● 39	Plastic plug	28
● 40	Bolt M14 × 50	140

CHECK THE DELIVERY

FRAME SKETCH

Dimensions in the drawing are in millimetres. The side entrance is in the middle of one long side.

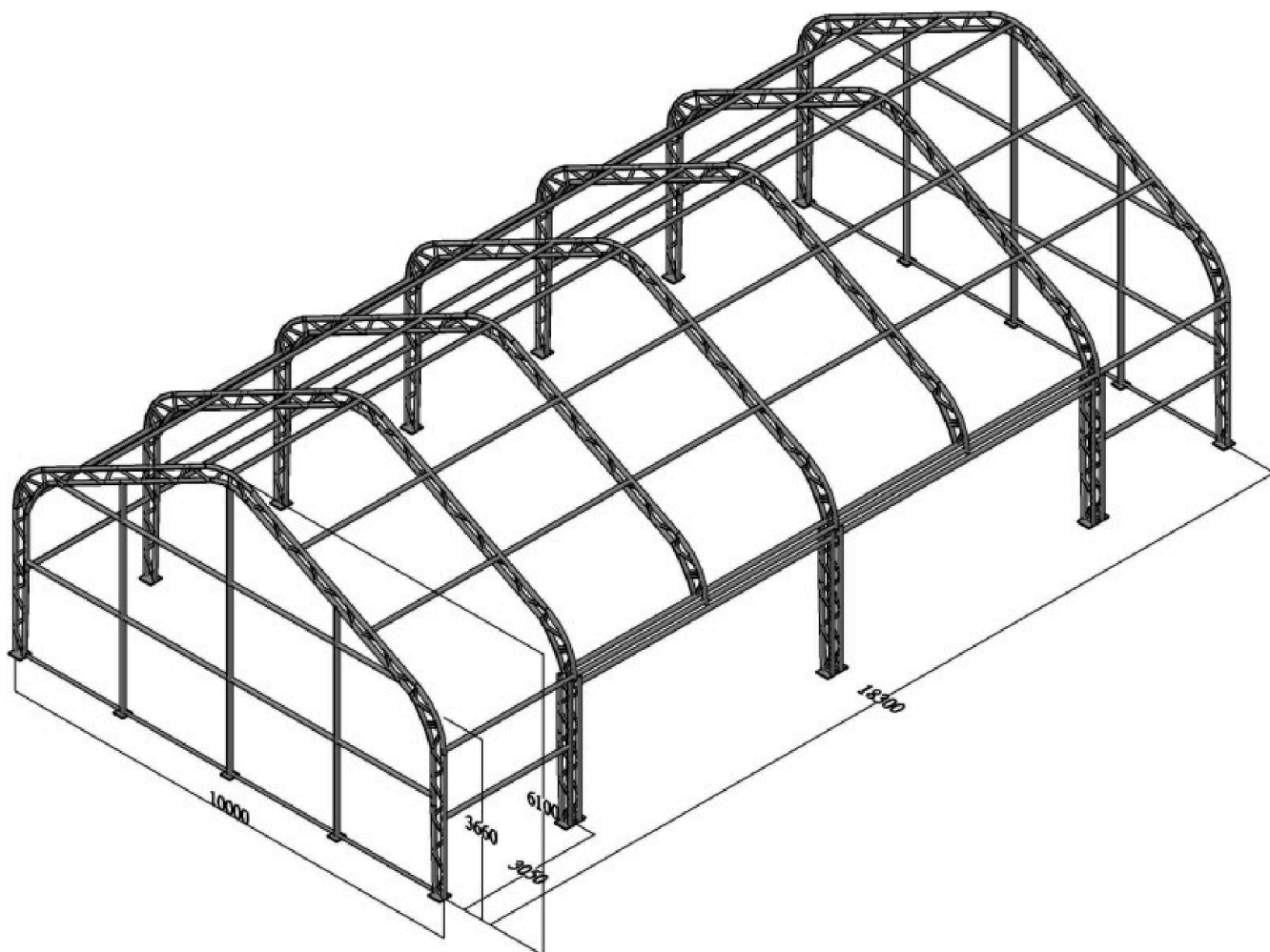


Fig. 1 - Frame sketch (dimensions in mm)

INSTALLING THE FOUNDATIONS

When positioning the base plates, follow the diagram in Fig. 2.

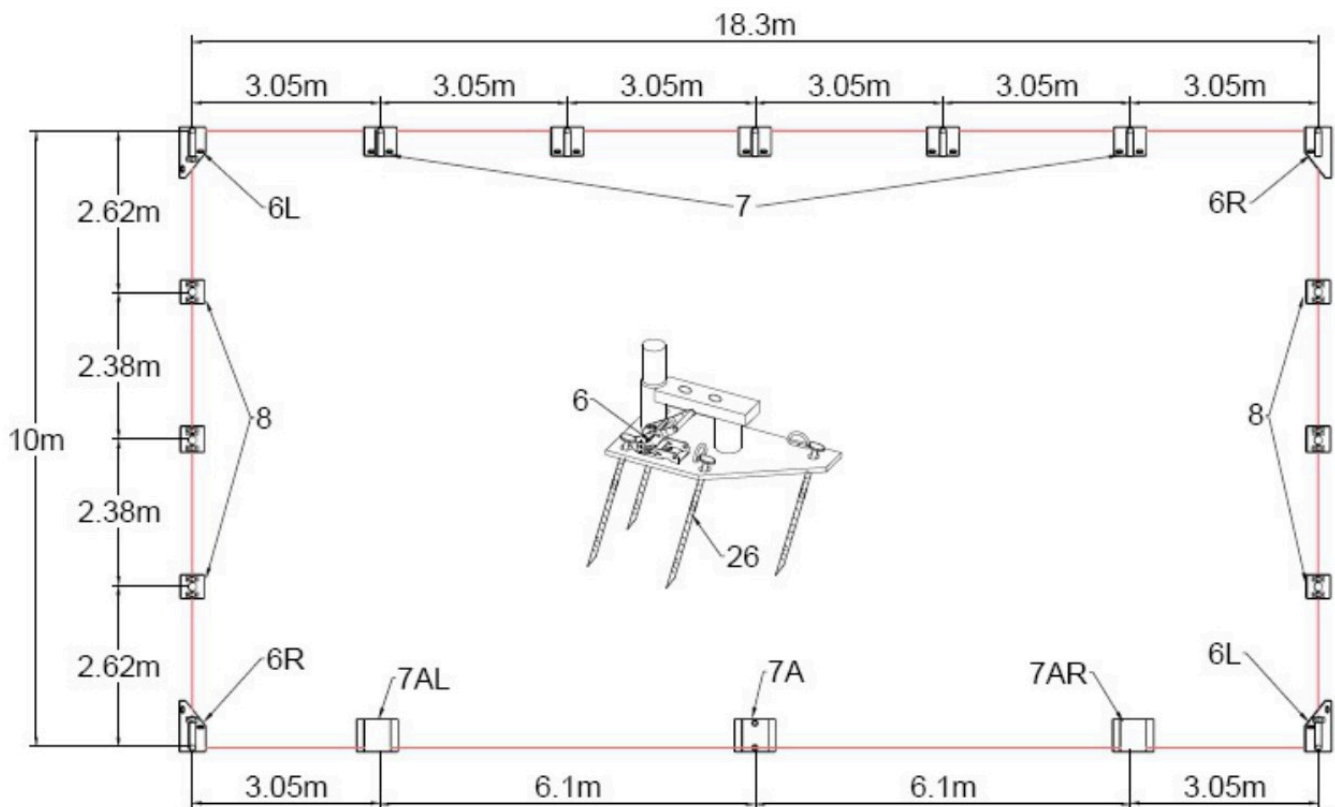


Fig. 2 - Base plate layout

1

Measurements are taken from tube centre to tube centre on the base plates. Check the position of the base plates according to Fig. 2. The plates have four stake holes.

2

As shown in Fig. 2, each base plate comes with 4 stakes (No. 26). Use a stake to mark the spot where it will be driven in through the hole in the base plate. Set the base plates aside – the mark shows where the stake will go.

i

NOTE

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

FRAME INSTALLATION

1

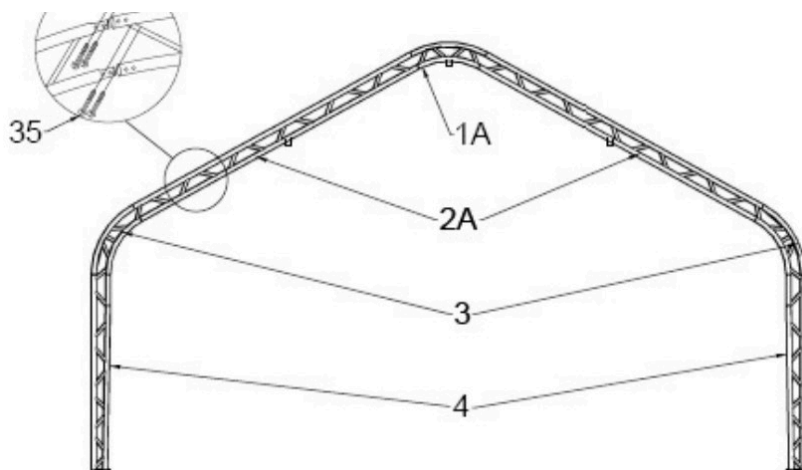


Fig. 3 – Front and rear wall arch

According to Fig. 3, assemble the front and rear wall arches: connect the bent roof tube for front and rear wall (No. 1A), the bent side wall tubes for front and rear wall (No. 2A), the bent shoulder tubes (No. 3) and the legs (No. 4) with M8 × 70 carriage bolts (No. 35). Then use a jack to fit the arch into the base plate tubes (see Fig. 1).

2

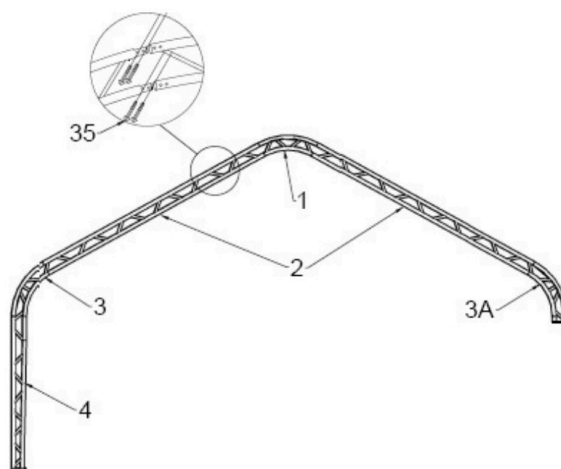


Fig. 4 – Arch at the side entrance

According to Fig. 4, assemble the arches of the second, fourth, sixth and eighth group one by one: connect the bent roof tube (No. 1), bent side wall tubes (No. 2), bent shoulder tubes (No. 3 and – on the side entrance side – No. 3A) and the leg (No. 4) with M8 × 70 carriage bolts (No. 35). Then use a jack to fit the arch into the base plate tubes.

3

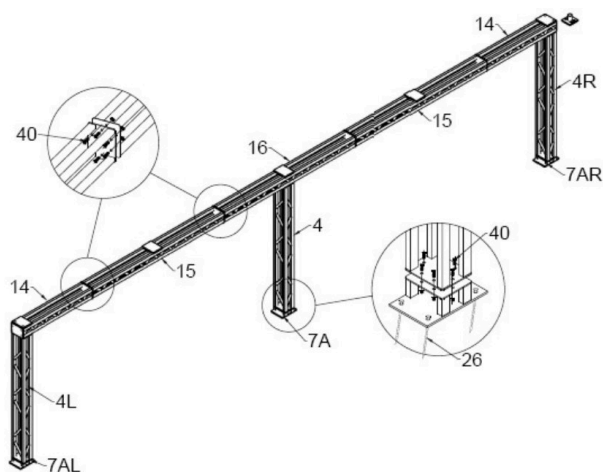
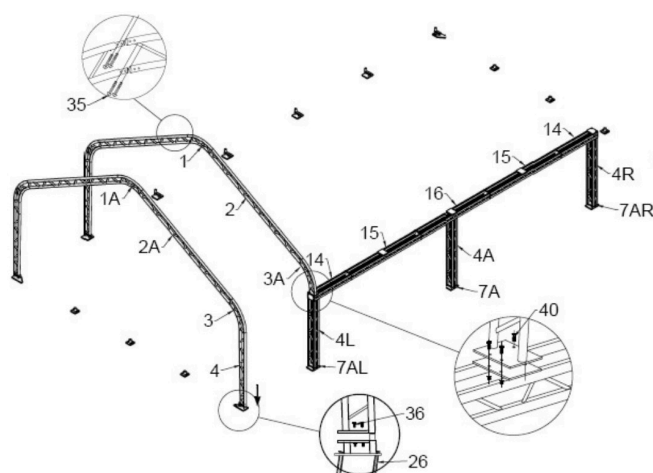


Fig. 5 - Side entrance frame



Connecting the arches to the side entrance frame

Assemble the side entrance frame according to Fig. 5: fit the legs No. 4L and 4R and the middle leg into base plates No. 7AL, 7AR and 7A and secure them with bolts No. 40; anchor the base plates with stakes No. 26. Place the side crossbars No. 14, 15 and 16 on the legs and secure the joints with bolts No. 40. Connect the arches with shoulder tubes No. 3A to the crossbars and secure the arch legs in the base plates with bolts No. 36.

4

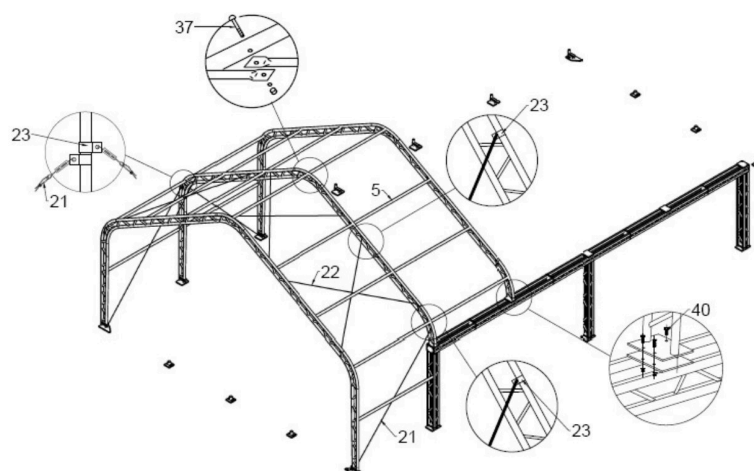
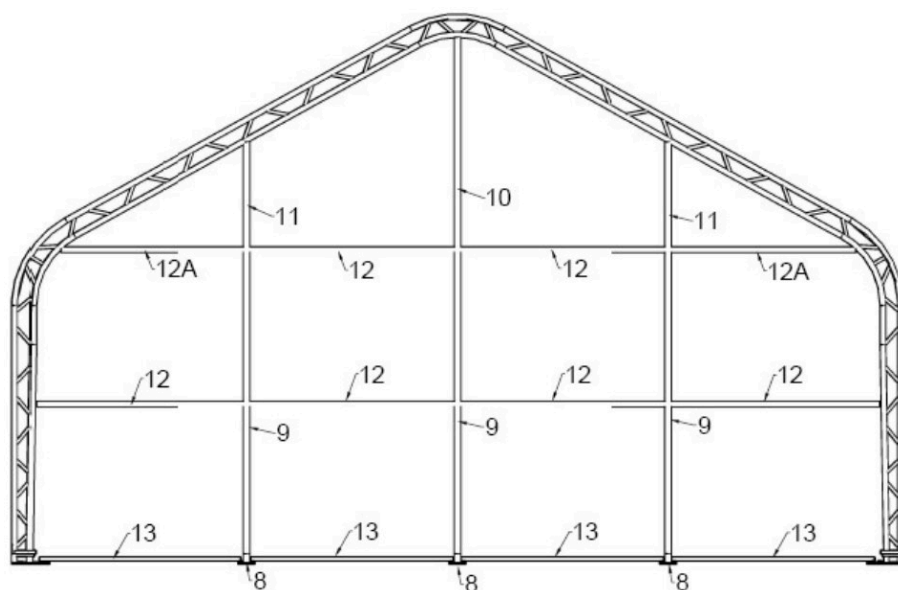


Fig. 6 - Beams and steel cables

Gradually fix the beams (No. 5 and 5A) to the arches with M10 × 80 carriage bolts (No. 37) (see Fig. 6). Then attach the upper and side steel cables (No. 22 and No. 21) using clips (No. 23) (see Fig. 1).

FRONT AND REAR WALL ASSEMBLY



Front and rear wall frame - parts overview

1

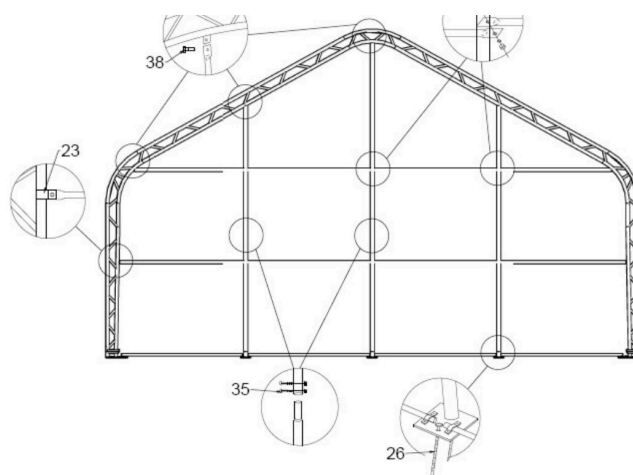


Fig. 7 - Front and rear wall frame

Assemble the front and rear wall frame according to Fig. 7: fit the lower support legs No. 9 into base plates No. 8 (stakes No. 26), extend them with the upper legs No. 10 and 11 (bolts No. 35) and fit the cross tubes No. 12 and 12A and the lower tensioning tubes No. 13. Fix the frame to the arch with bolts No. 37 and No. 38 and clips No. 23.

2

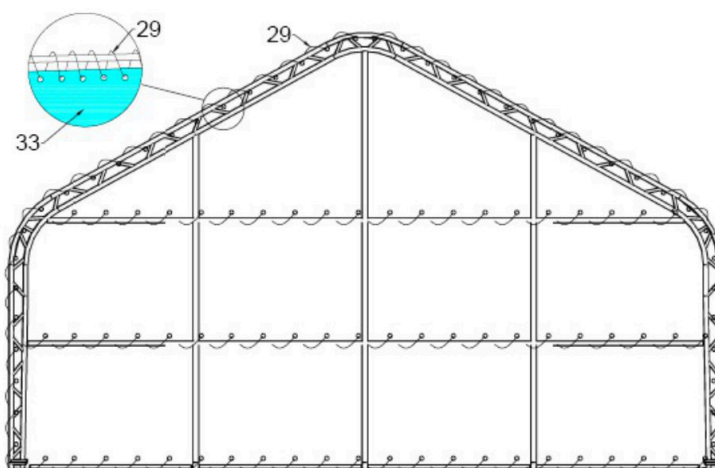


Fig. 8 – Front and rear wall cover

Fix the front and rear wall covers (No. 33) with rope (No. 29) – first fit the cover snugly against the frame, then tension it.

FITTING THE ROOF COVER



NOTE

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

1

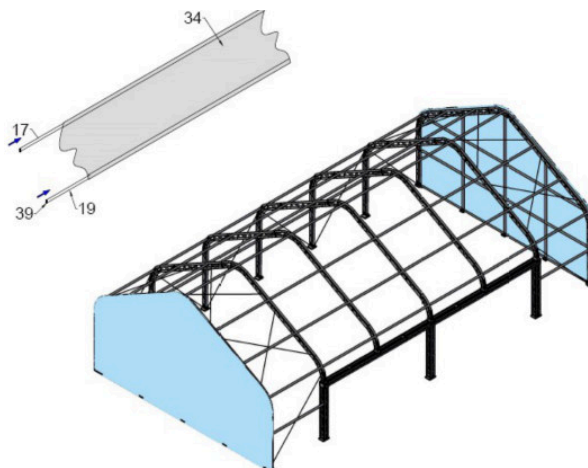


Fig. 9

Insert the tensioning tubes No. 17 into the pockets of the roof cover (No. 34) and, at the side entrance, the lower tensioning tube No. 19; close the tube ends with plastic plugs No. 39.

2

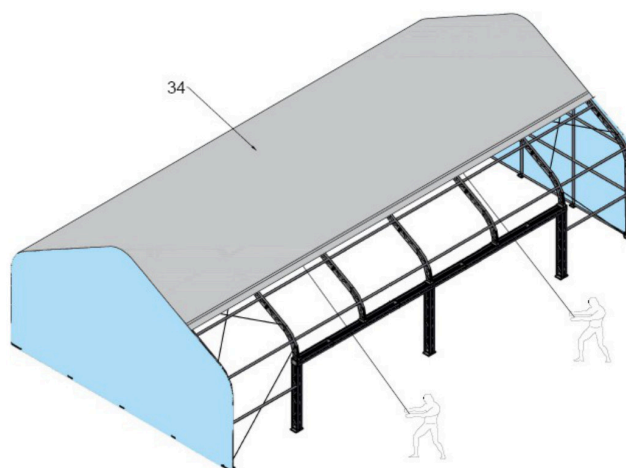


Fig. 10

Pull the roof cover over the frame structure using ropes.

3

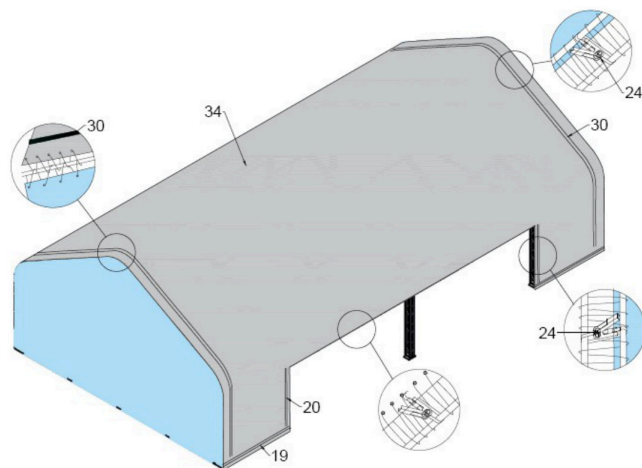


Fig. 11 - Fixing the roof cover

When the roof cover is positioned over the frame (see Fig. 11), insert the tensioning tubes (No. 17) into the pockets on both sides of the roof cover. Cut an opening in the cover for the nylon strap (No. 25), loop the strap around the tube and fix it to the ratchet (No. 6).

4

Tension the roof cover from front to back with rope passed through the eyelet flaps inside the main cover, at both the front and rear arch. Use the supplied rope to lace the eyelet flaps around the front and rear arch of the main frame. Start at the top centre of the arch and lace towards both sides. Extend the rope as necessary by tying pieces together, or shorten it. Tighten the cover edges at the end walls and at the side entrance with small ratchets with strap (No. 24) as shown in the details in Fig. 11.

MAINTENANCE

MAINTENANCE AND USE

- Check the roof cover tension regularly so that no sagging forms on the roof.
- Retighten 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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Contact us with any questions about assembly.