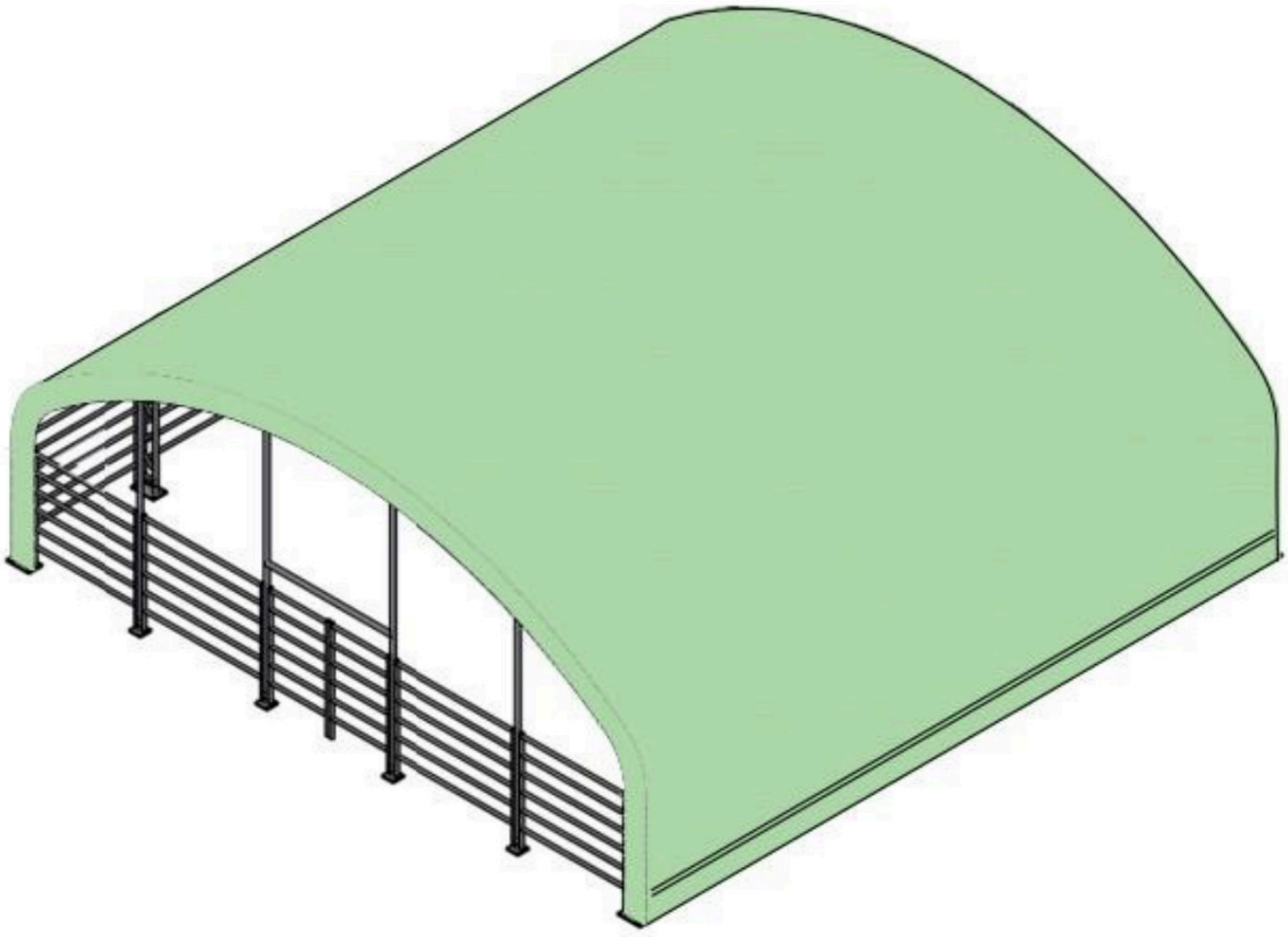


Horse shelter 12.2 × 12.2 m

Stable tent 12 m · height 5 m · arch spacing 2.44 m

Š × D × V
12.2 × 12.2 × 5 m

BEFORE ASSEMBLY

TECHNICAL DATA

WIDTH	LENGTH	HEIGHT
12.2 m	12.2 m	5 m

ARCH SPACING
2.44 m

IMPORTANT – READ THE INSTRUCTIONS BEFORE ASSEMBLY

Incorrect site preparation, assembly or maintenance can cause unnecessary and costly errors. For correct assembly, each part is marked with a part number from the parts list – follow the part numbers and drawings during assembly.

- Tension the roof cover sufficiently so that no hollows ("bags") form 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), when the cover is stiff. Later, when the sun and warmer weather arrive, the cover slackens and must be retightened before the next winter.
- If snow does not slide off the roof by itself, remove it immediately.

SAFETY DURING ASSEMBLY

1. Keep the work area clean. Clutter increases the risk of injury. Do not assemble the shelter in snowdrifts, on slippery surfaces, in strong wind or in a wet place.
2. Children must be kept away from the work area.
3. Do not overestimate your strength. Always keep a proper stance and balance.
4. Do not assemble under the influence of alcohol or drugs. Read the warnings on prescription medication to see whether it affects your ability to concentrate or your reflexes. If in any doubt, do not carry out the assembly.
5. Allow for possible windy weather – if necessary, anchor the base in concrete. Take the cover down in a windstorm.
6. Be careful with heat and electricity sources. Do not place heat sources near the cover and do not expose it to open fire.
7. Pay attention to personal safety during assembly and use. During assembly, take care not to trap your fingers between the clamps and tubes. During use, ensure sufficient ventilation for exhaust gases and other hazardous fumes.

TOOLS AND EQUIPMENT

Measuring tape · Alignment string · Stakes · Ladder or scissor lift · Hammer (mallet) · Drill · Spanner · Knife · Jack

CHECK THE DELIVERY

PARTS LIST

NO.	Part name	Quantity
1	Roof arch tube	4 sets
1A	Roof arch tube for front and rear door	2 sets
2	Side arch tube	8 sets
2A	Side arch tube for front and rear door	4 sets
3	Shoulder arch tube	12 sets
4	Vertical leg (post)	12 sets
5	Purlin	45 sets
6	Railing for side, front and rear wall – middle	28 sets
6A	Railing for front and rear wall – sides	8 sets
7	Base plate – middle	8 sets
7L	Base plate – left corner	2 sets
7R	Base plate – right corner	2 sets
8	Base plate for front and rear door	8 sets
9	Lower post for front and rear door	8 sets
10	Upper middle post for front and rear door	4 sets
10A	Upper post at side wall for front and rear door	4 sets
11L	Left door	2 pcs
11R	Right door	2 pcs
12	Door beam for both doors	2 sets
13	Single tube clamp with bolt M10 × 40 (assembled)	24 sets
14	Double tube clamp with bolt M10 × 40 (assembled)	46 pcs
15	Round-head bolt 12 × 30	96 pcs
16	Round-head bolt 10 × 90	54 pcs
16A	Bolt 10 × 90	8 pcs
16B	Round-head bolt 8 × 80	32 pcs
18	Self-tapping screw	16 pcs
19	Lower roof cover tensioning tube	2 sets
20	Roof cover	1 pcs
20A	Rear cover	1 pcs

NO.	Part name	Quantity
21	Ratchet (tensioning mechanism)	12 pcs
21A	Ratchet tensioning strap	12 pcs
22	Ropes	1 bundle
23	Anchor stake	64 pcs
24	Plastic end cap Ø 32 mm	4 pcs
25	Plastic end cap Ø 40 mm	44 pcs
26	Bolt 10 × 30	8 pcs
27	Upper steel cable	16 pcs
28	Vertical upper steel cable	4 pcs
29	Clip	40 pcs

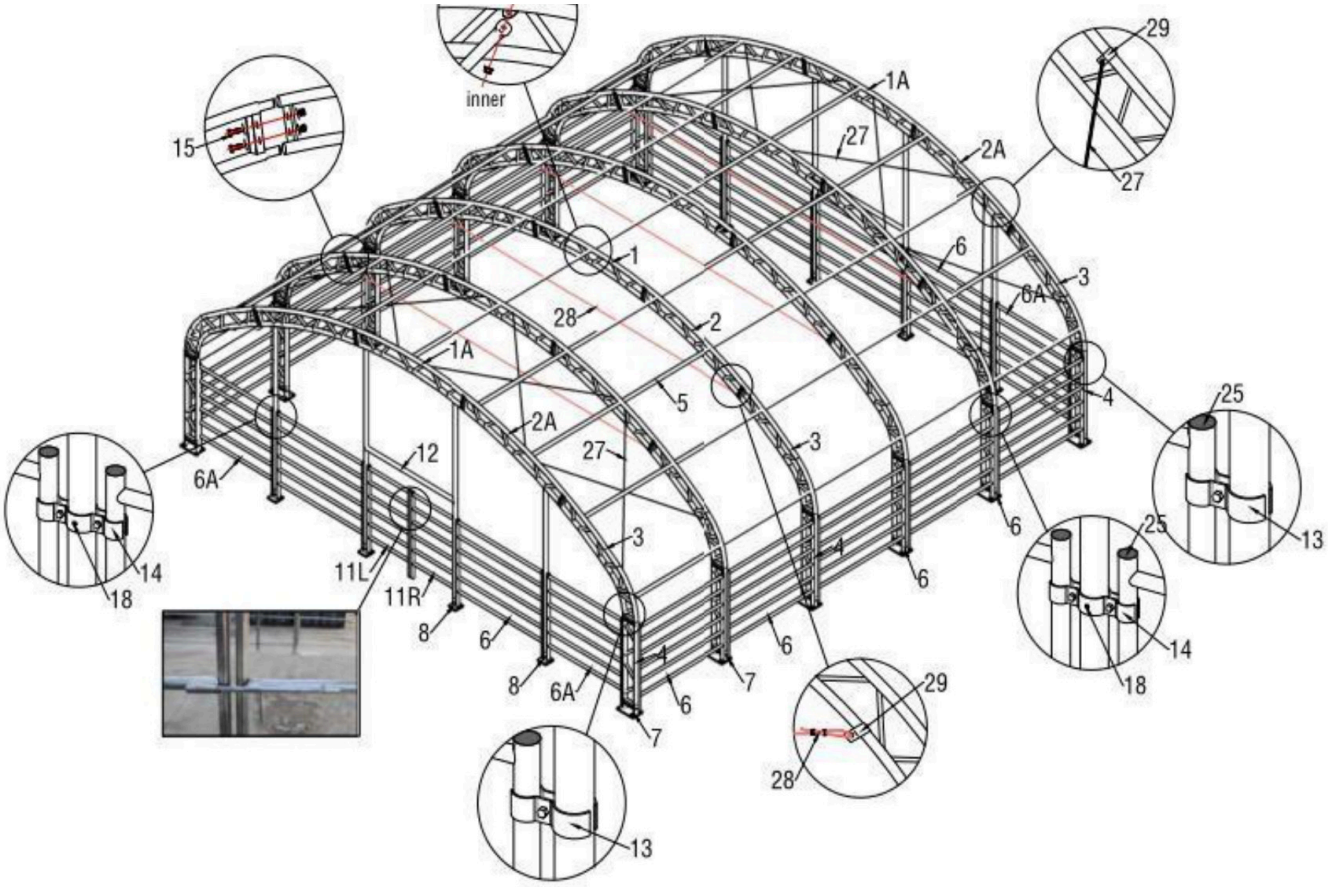


Fig. 1 – General steel frame drawing with part numbers

ASSEMBLY · PART A

INSTALLING THE BASE

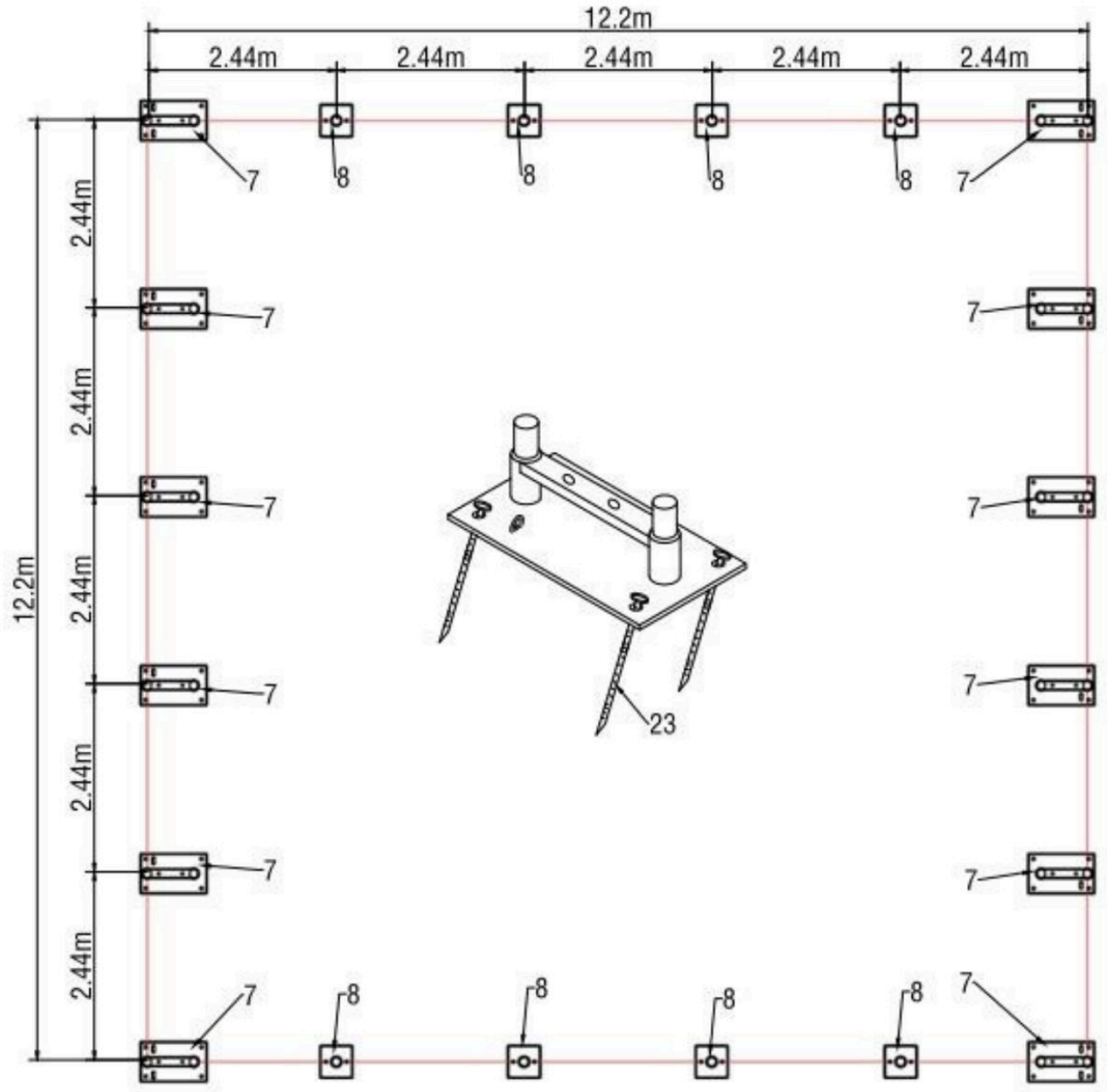


Fig. 2 – Base plate layout (dimensions in m)

1 Position the base plates (No. 7 and No. 8) according to Fig. 2. Dimensions are measured from tube centre to tube centre on the base plates.

2 Each arch base plate (No. 7) has 4 holes and 4 anchor stakes (No. 23); each front and rear door base plate needs 2 stakes. Use the stakes to mark the hole positions, set the plates aside and mark exactly where the stakes will go. The stakes are not suitable for concrete – for installation on concrete, use expansion bolts.

ASSEMBLY · PART B

FRAME ASSEMBLY

1

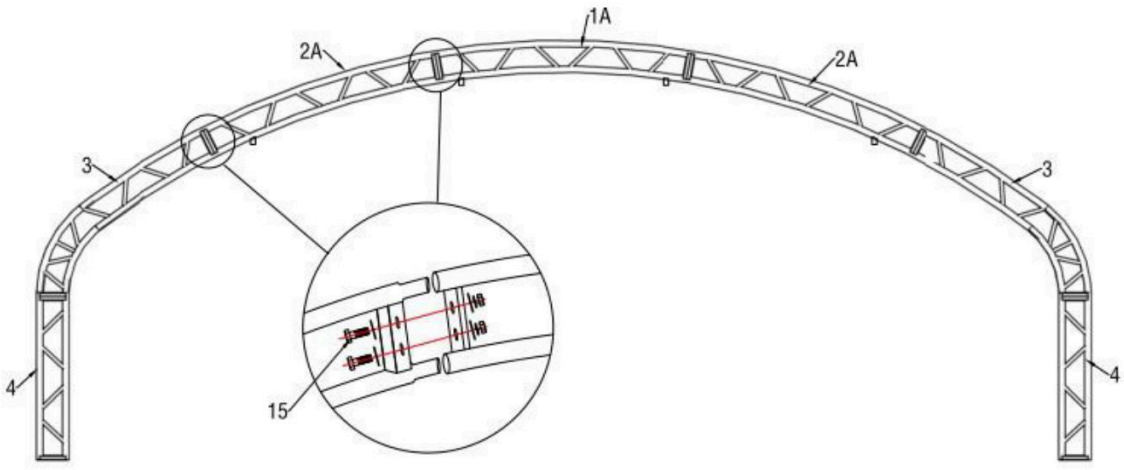


Fig. 3 – Front and rear arch (No. 1A, 2A, 3, 4)

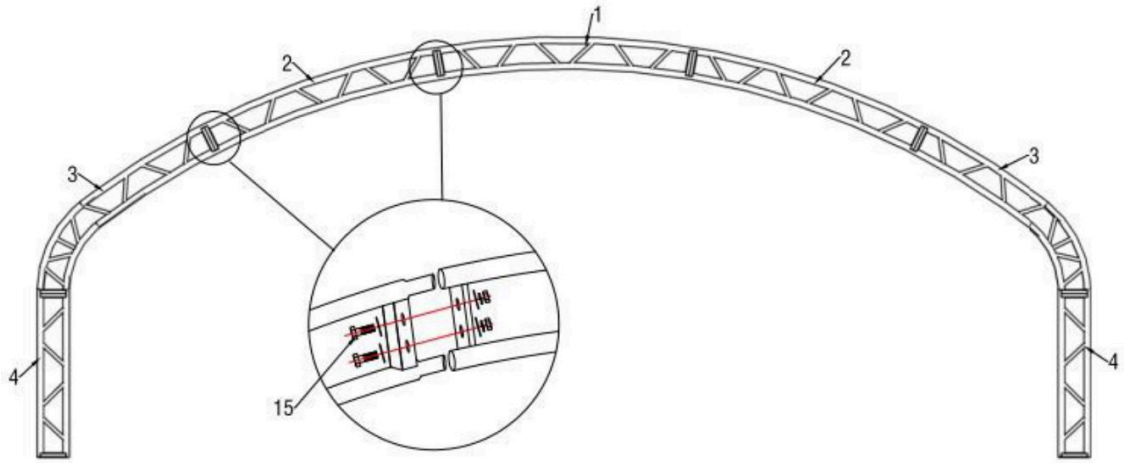


Fig. 4 – Middle arch (No. 1, 2, 3, 4)

Prepare 1 pc roof arch tube (No. 1), 2 pcs side arch tubes (No. 2), 2 pcs shoulder arch tubes (No. 3) and 2 pcs posts (No. 4). The front and rear arches differ from the middle ones – they use parts No. 1A and 2A (Fig. 3 and Fig. 4).

2

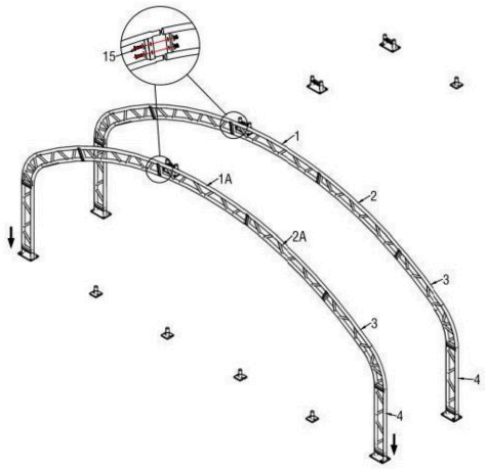


Fig. 5 – Fitting the first arches onto the base plates

Fit the first group of arches according to Fig. 5. Connect the side arch tubes (No. 2), shoulder arch tubes (No. 3) and posts (No. 4) with M12 × 40 bolts (No. 15). Fit the second group of arches in the same way as the first.

3

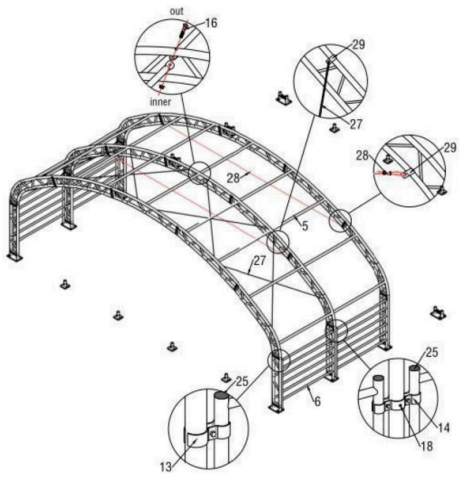


Fig. 6 – Connecting the arches with purlins, railing and cables

Connect the first two groups of arches with purlins (No. 5) and M10 × 90 carriage bolts (No. 16) according to Fig. 6.

4

Fit the side railing (No. 6) to the arches using double tube clamps (No. 14), which are joined with an M10 × 43 bolt.

5

After connecting the first and second arch at both ends, fit the steel cables (No. 27 and No. 28) and fix them with clips (No. 29).

6

Fit and connect the remaining arches in the same way as in the previous steps.

ASSEMBLY · PART C

FRONT AND REAR WALL

1

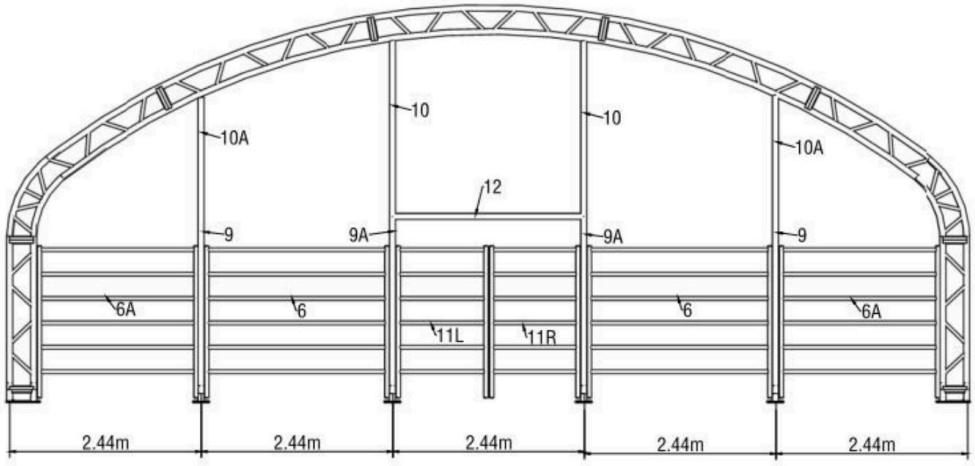


Fig. 7 – Front wall with door (spacing 2.44 m)

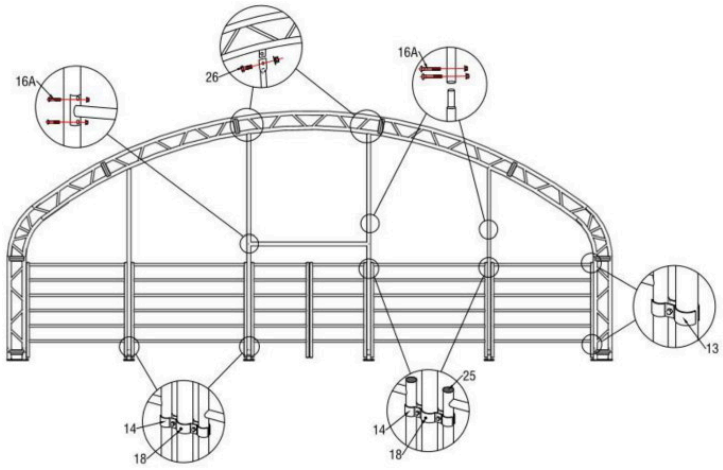


Fig. 8 – Front wall joint details

Fit the front and rear walls according to Fig. 7 to Fig. 9: lower posts (No. 9, 9A), upper posts (No. 10 and 10A), door beam (No. 12), railing (No. 6 and 6A) and doors (No. 11L and 11R). Joints as shown in the details: bolts No. 16A and No. 26, clamps No. 13 and No. 14, self-tapping screws No. 18 and caps No. 25.

2

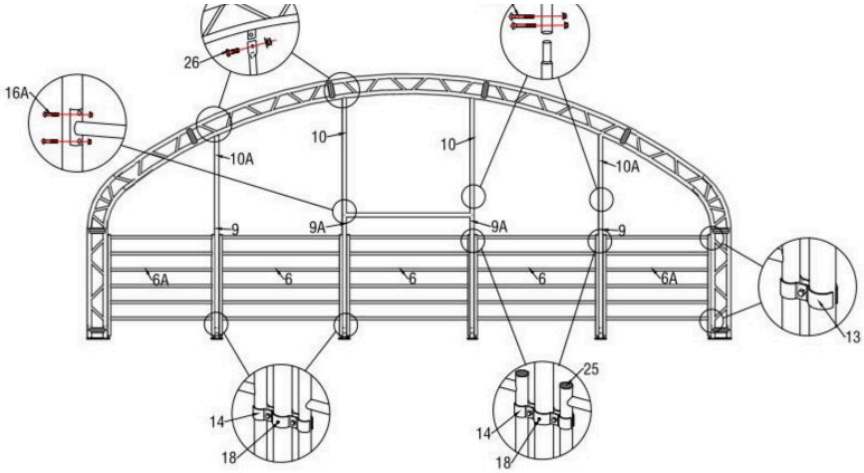


Fig. 9 – Rear wall with joint details

Assemble the rear wall in the same way according to Fig. 9.

3

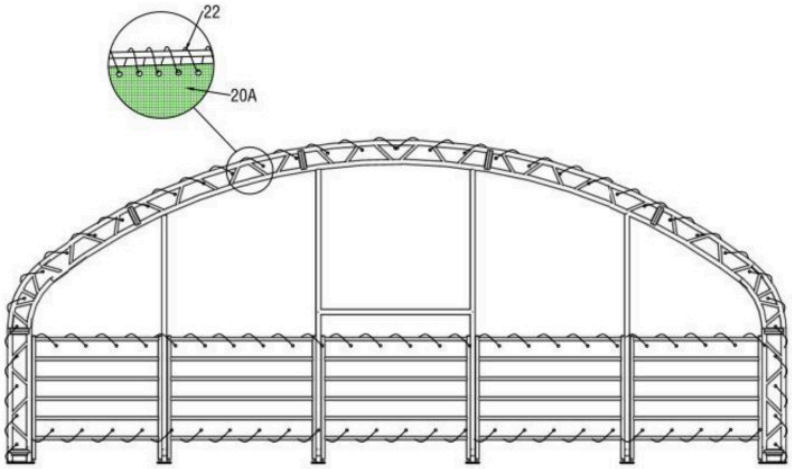


Fig. 10 – Rear cover

Fit the rear cover (No. 20A) using ropes (No. 22) according to Fig. 10.

ASSEMBLY · PART D

FITTING THE ROOF COVER

1 Insert the lower tensioning tube (No. 19) into the pockets on the edge of the outer roof cover (No. 20) according to Fig. 11.

2

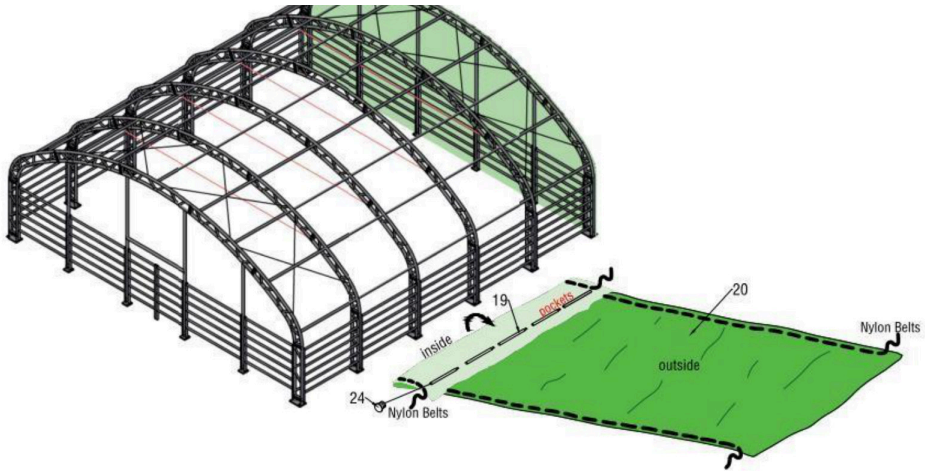


Fig. 11 – Tensioning tube in the roof cover pockets

Fit plastic end caps Ø 32 mm (No. 24) on the ends of the lower tensioning tube (No. 19) to prevent scratching of the cover and water ingress.

3

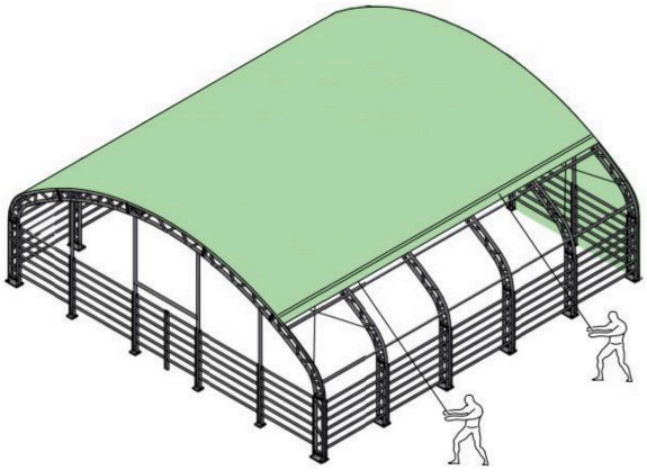


Fig. 12 – Pulling the roof cover over the structure

With the help of several people, throw the rope from one side to the other over the frame structure and then pull the rope as shown in Fig. 12.

4

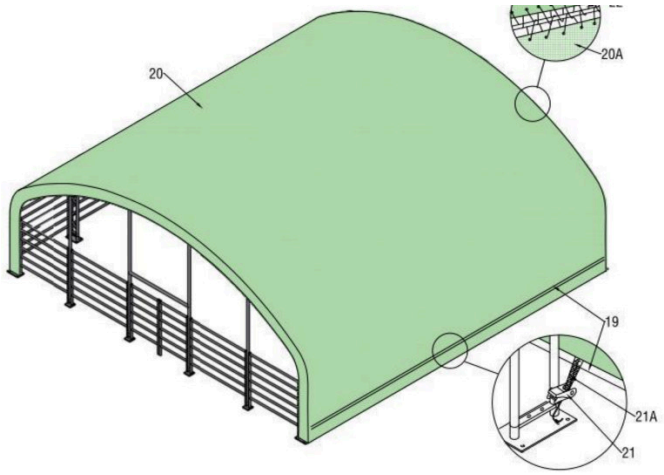


Fig. 13 – Fixing the roof cover (No. 19, 20, 20A, 21, 21A, 22)

Lace the ropes through the eyelets on the roof cover to connect the cover to the steel frame.

5

Pull down the lower edge of the roof cover with the ratchets and tensioning straps (No. 21 and No. 21A).

6

There are straps at both ends of the roof cover – tighten them so that the cover fits snugly against the frame, and tie both strap ends to the frame.

7

Fit plastic end caps Ø 40 mm (No. 25) on the railing ends (No. 6) to prevent scratches and water ingress.

CAUTION

Pull the cover over the frame EVENLY, CAREFULLY AND SLOWLY. Do not fit the cover on the frame in strong wind.

ASSEMBLY IS NOW COMPLETE.

Check and retighten the roof cover after a few months of use and before winter. Keep these instructions for future reference.

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Contact us with any questions about assembly.