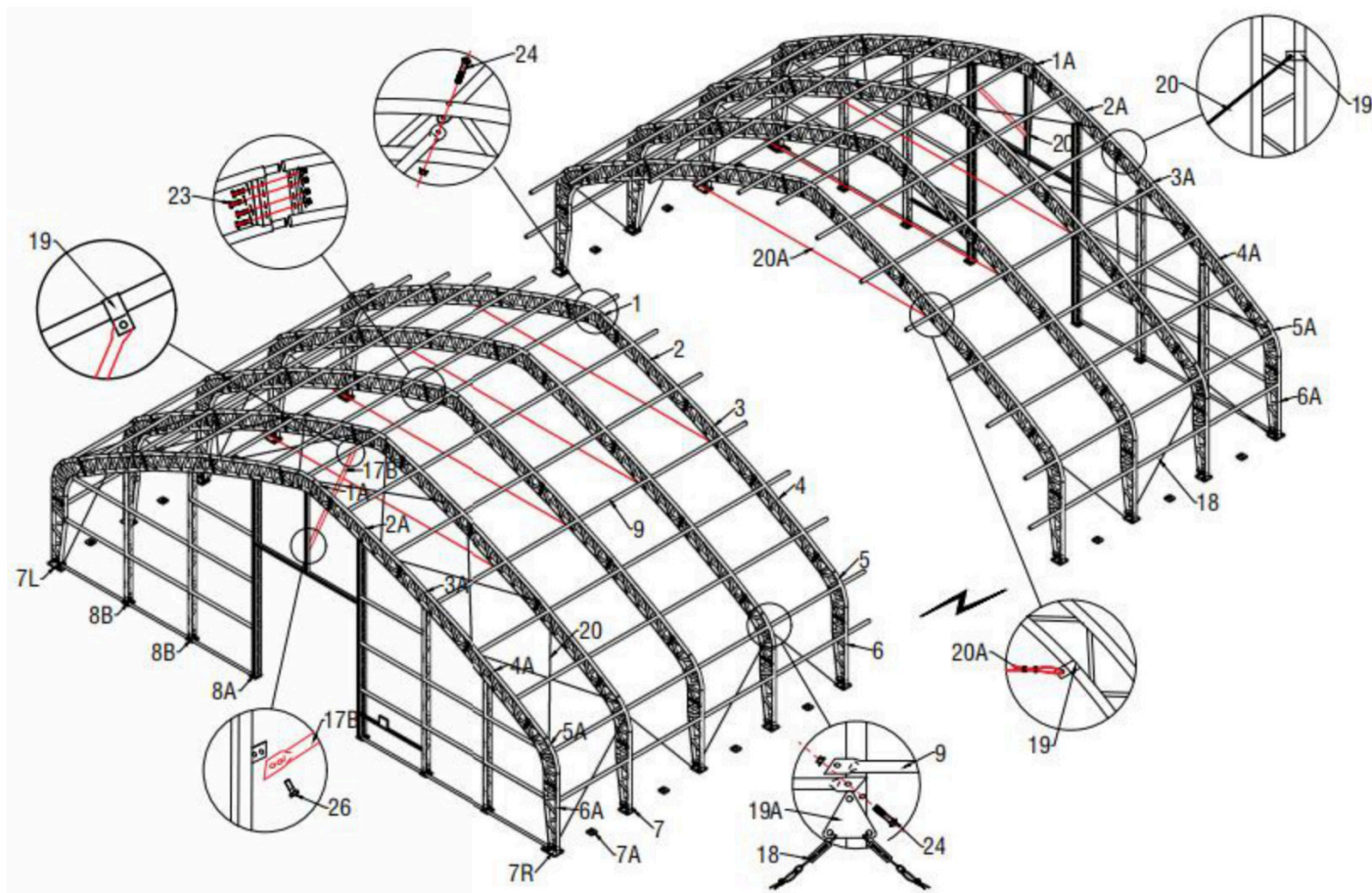




Gable-roof tent hall 21.35 × 61 m with roll-up doors

Model 7020028P · roll-up doors at both front and rear end walls

7020028P

21.35 × 61 × 8.54 m

BEFORE ASSEMBLY

TECHNICAL DATA

MODEL

7020028P

WIDTH

21.35 m

LENGTH

61 m

HEIGHT

8.54 m

DOORS

roll-up, front and rear**IMPORTANT – READ THE INSTRUCTIONS BEFORE ASSEMBLY**

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 given in the parts list – follow the part numbers and drawings during assembly.

- Tension the roof cover sufficiently so that no sagging ("pockets") 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, slackens again when the sun and warm weather arrive, and must be retightened 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, in slippery or wet places or in strong wind.
2. Children must be kept away from the work area.
3. Do not overestimate yourself or lean out. Always keep a stable stance and balance.
4. Do not assemble the hall under the influence of alcohol or drugs. Read the warnings on any medication you take to see whether it impairs your judgement or reflexes. If in any doubt, do not carry out the assembly.
5. Allow for possible windy weather – if there is a risk, fix the base in concrete. Remove the cover during a windstorm.
6. Be careful with energy and heat 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. Take care not to trap your fingers between the clips and tubes during assembly. When using the hall, ensure sufficient ventilation for exhaust gases and other hazardous fumes.

EQUIPMENT AND TOOLS FOR ASSEMBLY

Measuring tape

Alignment string

Stakes

Ladder or scissor lift

Sledgehammer

Drill

Spanner

Knife

Lifting device

CHECK THE DELIVERY

PARTS LIST

Parts list for model 7020028P (part number and quantity). Parts are marked with numbers according to the drawings.

Part No.	Pcs	Part No.	Pcs	Part No.	Pcs
1	19	10L	2	20	24
1A	2	10R	2	20A	19
2	38	11L	2	21	12
2A	4	11R	2	22	2 sets
3	38	12L	2	27	16 sets
3A	4	12R	2	28	2
4	38	13	6	28A	2
4A	4	13A	2	30	1 bundle
5	38	14L	2	33	8 sets
5A	4	14R	2	23	1008
6	38	15L	2	23A	44
6A	4	15R	2	24	315
7	38	16	20	25	32
7L	2	16A	4	25A	24
7R	2	16B	2	26	34
7A	40	16C	4	29	28
7B	6	17	2 sets	30	1 bundle
7C	284	17A	2	31	2
7D	92	17B	2	32	82
8A	4	18	40	34	176
8B	8	19	88	35	2
9	300	19A	20	36	2

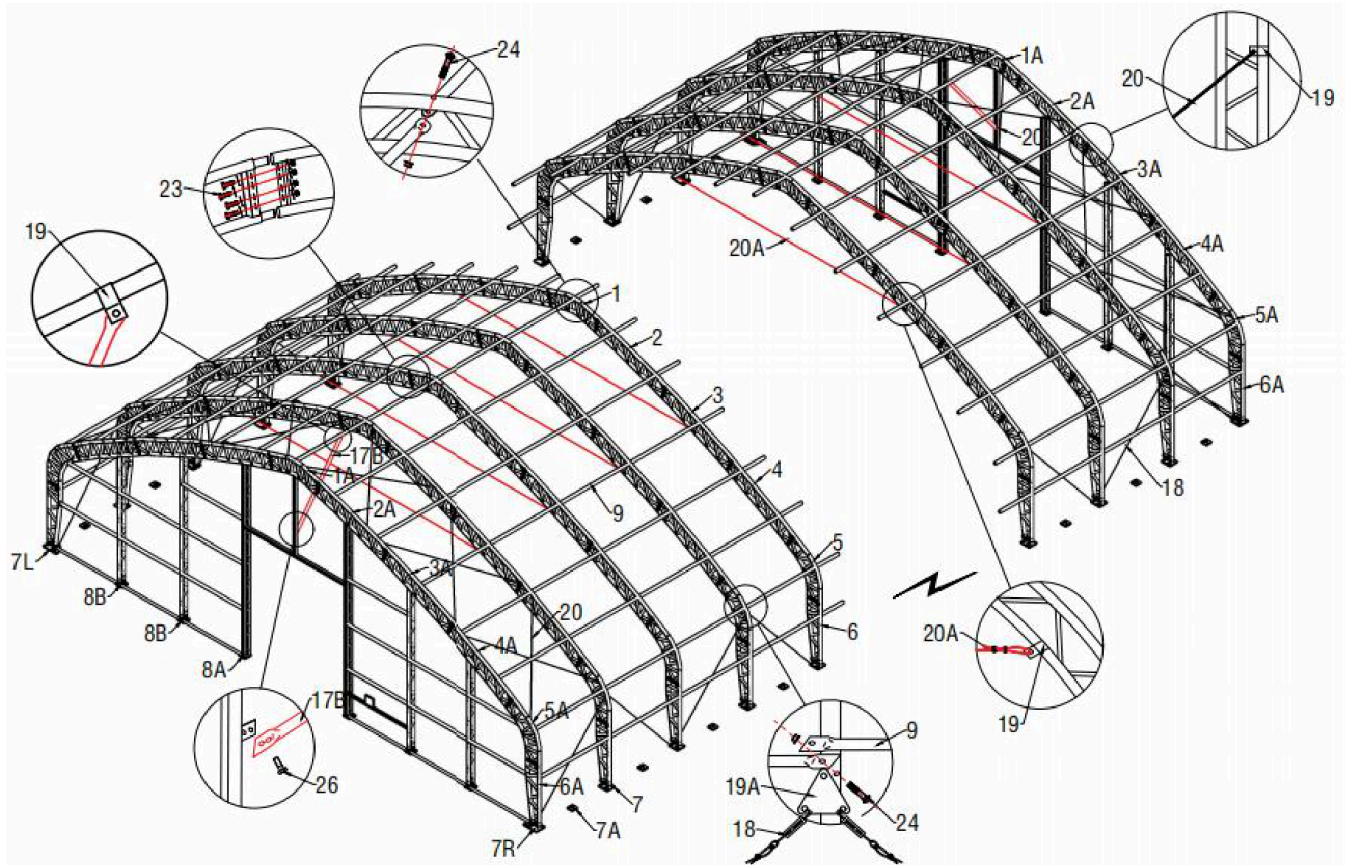


Fig. 1 - Truss frame sketch, size 21.35 × 61 × 8.54 m

INSTALLING THE BASE PLATES

When laying out the base plates, follow the diagram in Fig. 2.

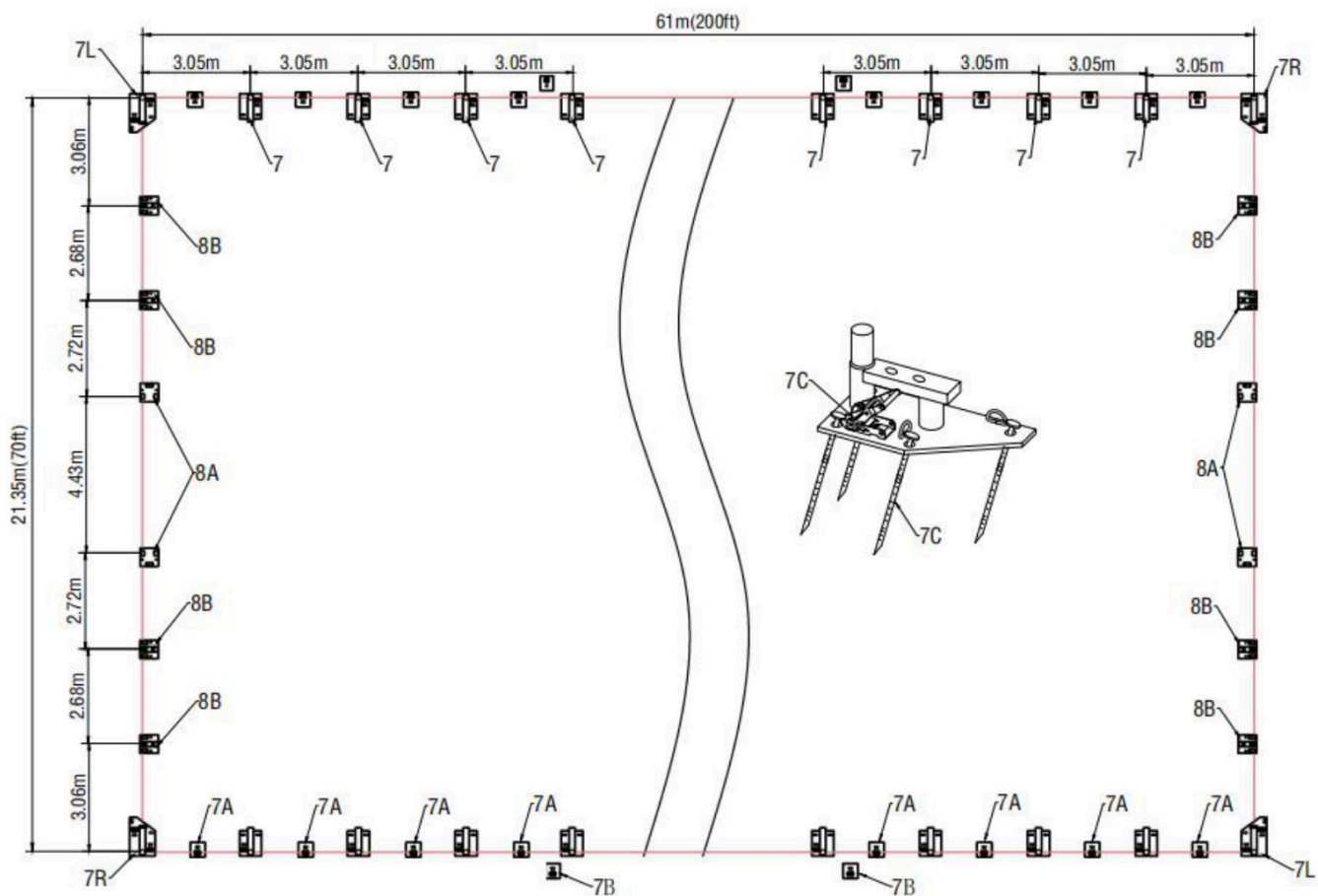


Fig. 2 – Base plate layout (dimensions in m)

1

Dimensions are measured from tube centre to tube centre on the base plates. Check the position of the base plates against the diagram. Each plate has four holes for anchor stakes.

2

Mark the stake position by pushing a stake through the hole in the base plate. Then move the plates aside – the mark shows where the stake goes.

i

NOTE

The anchor stakes are intended for normal conditions. They are not suitable for rocky ground, frozen ground or a concrete base.

FRAME ASSEMBLY

1

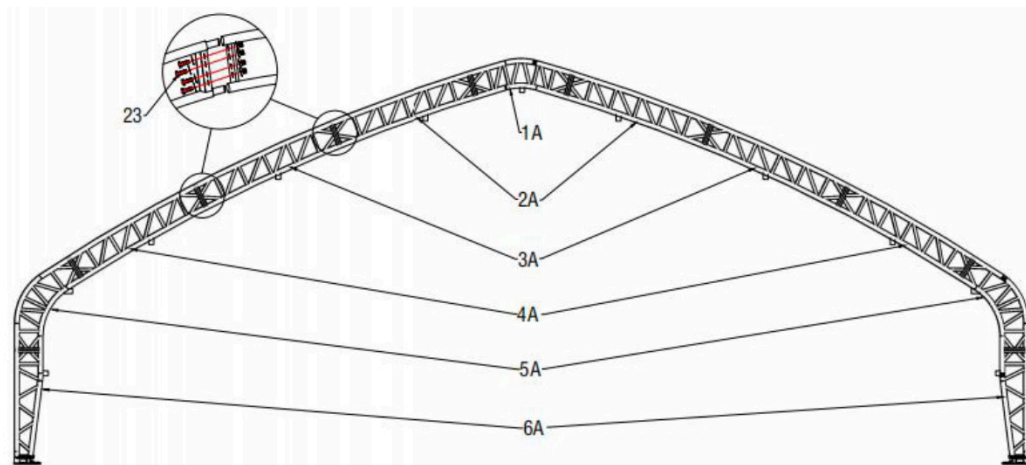


Fig. 3 – End arch

According to Fig. 3, assemble the end arch from parts No. 1A, 2A, 3A, 4A, 5A and 6A. Secure the joints with bolts No. 23 as shown in the detail.

2

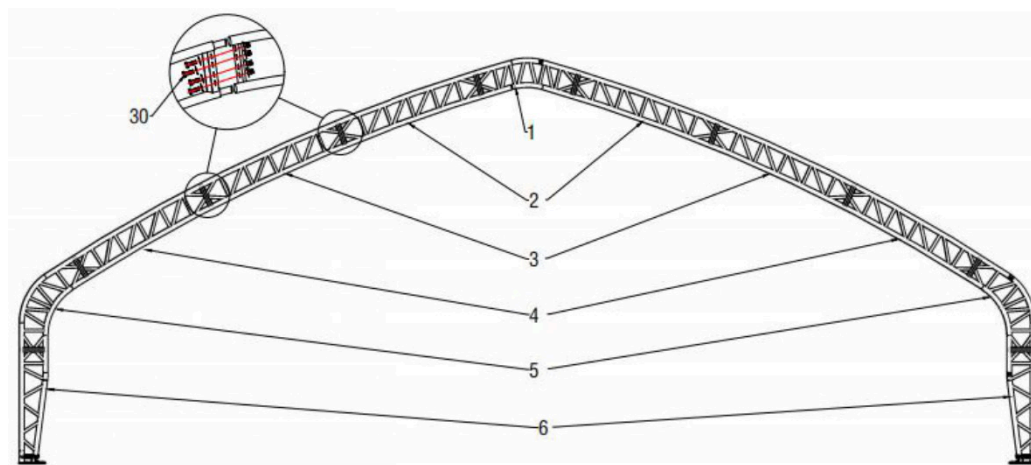


Fig. 4 – Middle arch

According to Fig. 4, assemble the middle arches from parts No. 1, 2, 3, 4, 5 and 6. Secure the joints as shown in the detail in the drawing (No. 30).

3

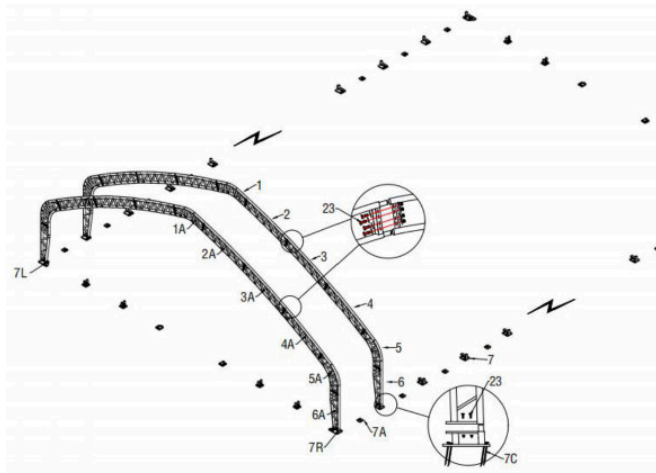


Fig. 5 – Standing the arches on the base plates

Stand the end arch on the corner base plates No. 7L and 7R and the middle arches on base plates No. 7. Secure the arch legs in the plates with bolts No. 23 and anchor the plates with stakes No. 7C (Fig. 5).

4

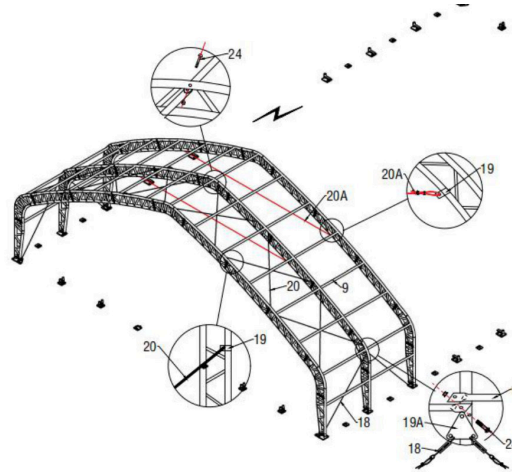


Fig. 6 – Longitudinal tubes and wind bracing

Fit the longitudinal tubes No. 9 and the wind bracing No. 20 and 20A with connection No. 19 between the arches. At the arch feet, fix parts No. 18 as shown in the detail (No. 19A and 24) – Fig. 6.

**IMPORTANT**

Do not fully tighten the nuts until the whole frame is assembled and in place. Assemble the arches and the front and rear end walls thoroughly on the ground before fitting them into the base plates.

ASSEMBLY · PART C

INSTALLING THE FRONT AND REAR END WALLS WITH ROLL-UP DOORS

1

According to Fig. 7, assemble the front and rear end-wall frame from parts No. 10L/10R, 11L/11R, 12L/12R, 13L/13R, 14L/14R, 15L/15R, 16, 16A, 16B, 16C, 17 and 17A. Place the lower ends of the legs on the base plates (No. 8A, 8B and 21).

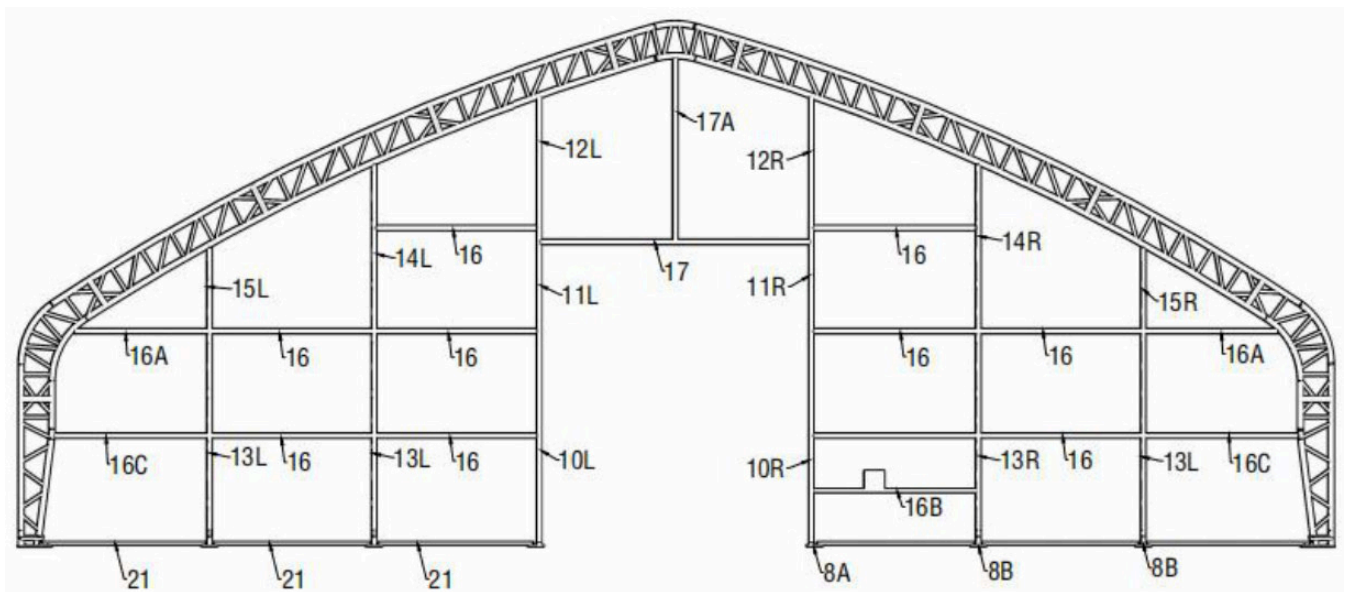


Fig. 7 - Front and rear end-wall frame

2

Connect the end-wall parts as shown in the details in Fig. 8 with fasteners No. 23A, 24, 25, 25A and 26. Anchor the end-wall base plates with stakes No. 7C.

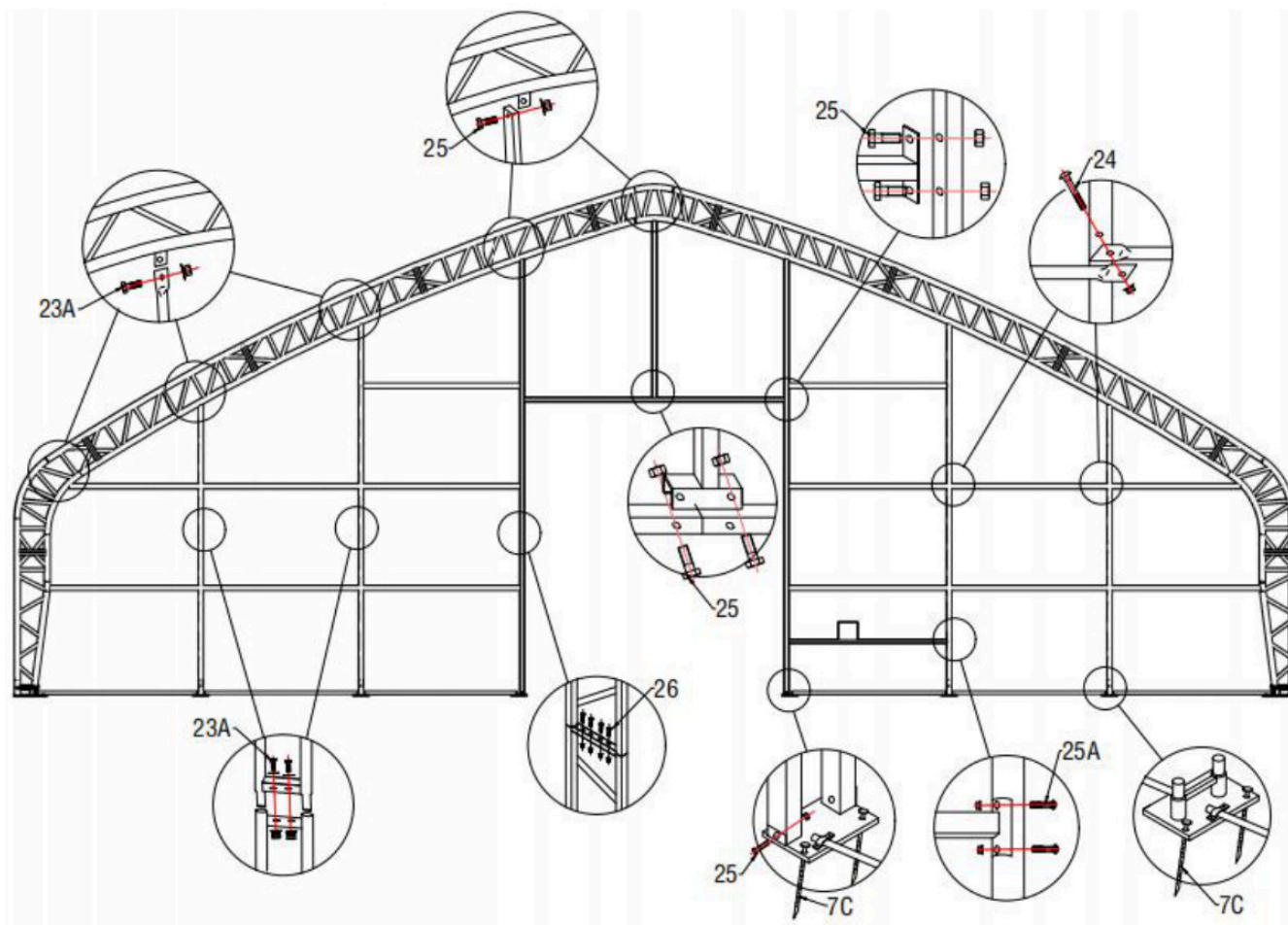


Fig. 8 - End-wall frame joints

3

Lace the end-wall cover to the arch with rope (No. 30). Insert tubes No. 27 into the roll-up door cover, mount winch No. 28 on the frame and run the cable over pulleys No. 28A (Fig. 9).

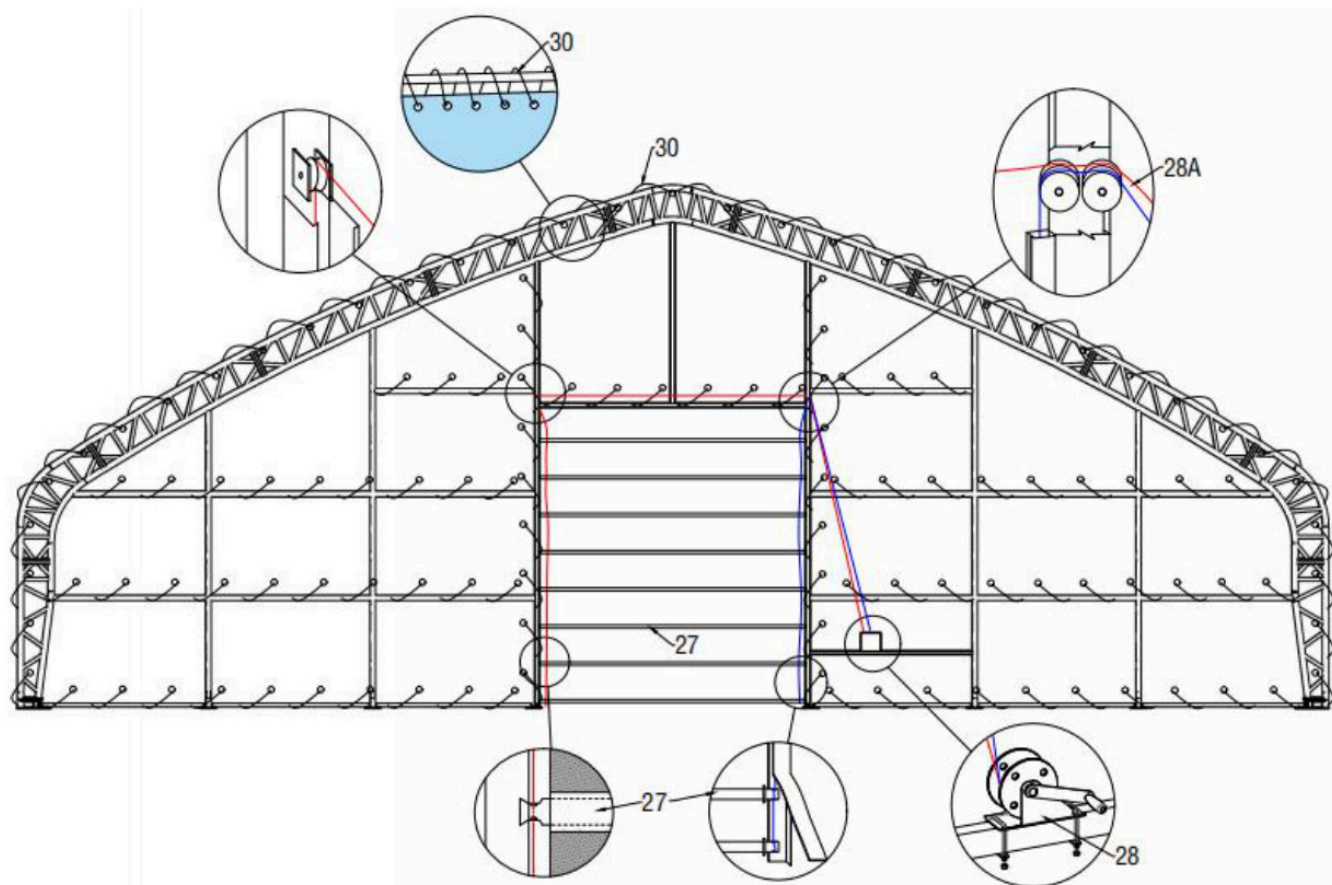


Fig. 9 - End-wall cover and roll-up door

INSTALLING THE ROOF COVER

1

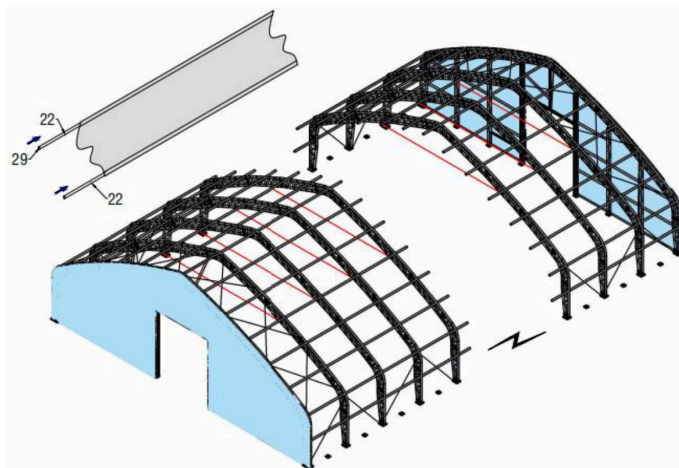


Fig. 10 – Tensioning tubes in the roof cover

Insert the tensioning tubes No. 22 into the roof cover pockets and close their ends with plugs No. 29 (Fig. 10).

2

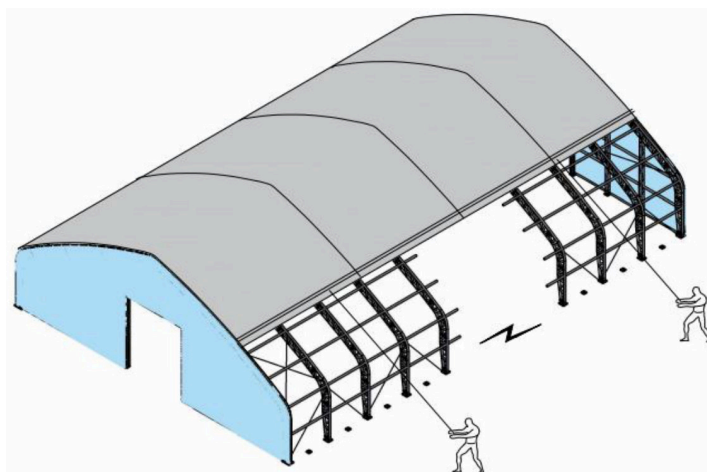


Fig. 11 – Pulling the roof cover over

Using ropes, pull the roof cover evenly over the frame (Fig. 11).

3

Fix and tension the cover according to Fig. 12: attach the tensioning tubes No. 22 to the base plates with ratchet straps (No. 32, 7D), lace the end walls with rope No. 30, fit part No. 33 on the end-wall edge and fix it as shown in detail No. 34. At the base plates, use parts No. 7B, 7C and 7D as shown in the detail.

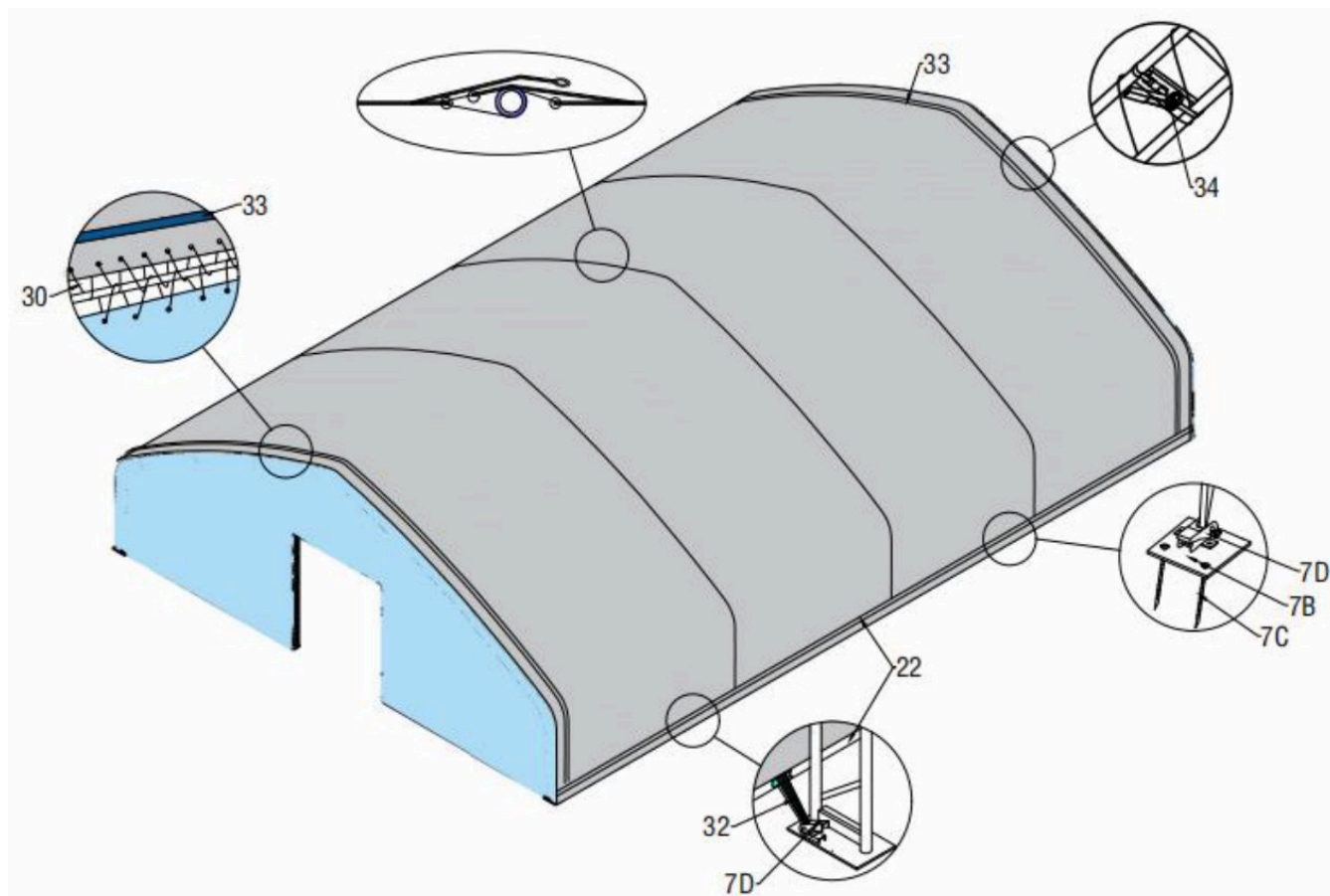


Fig. 12 – Fixing the roof cover

**NOTE ON STRAPS**

The straps are not attached to the tensioning tubes – they wrap around the tube and both ends are secured in the ratchet.

**CONGRATULATIONS – ASSEMBLY IS COMPLETE.****HAGRO ORAVA s.r.o.**

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Contact us with any questions about assembly.