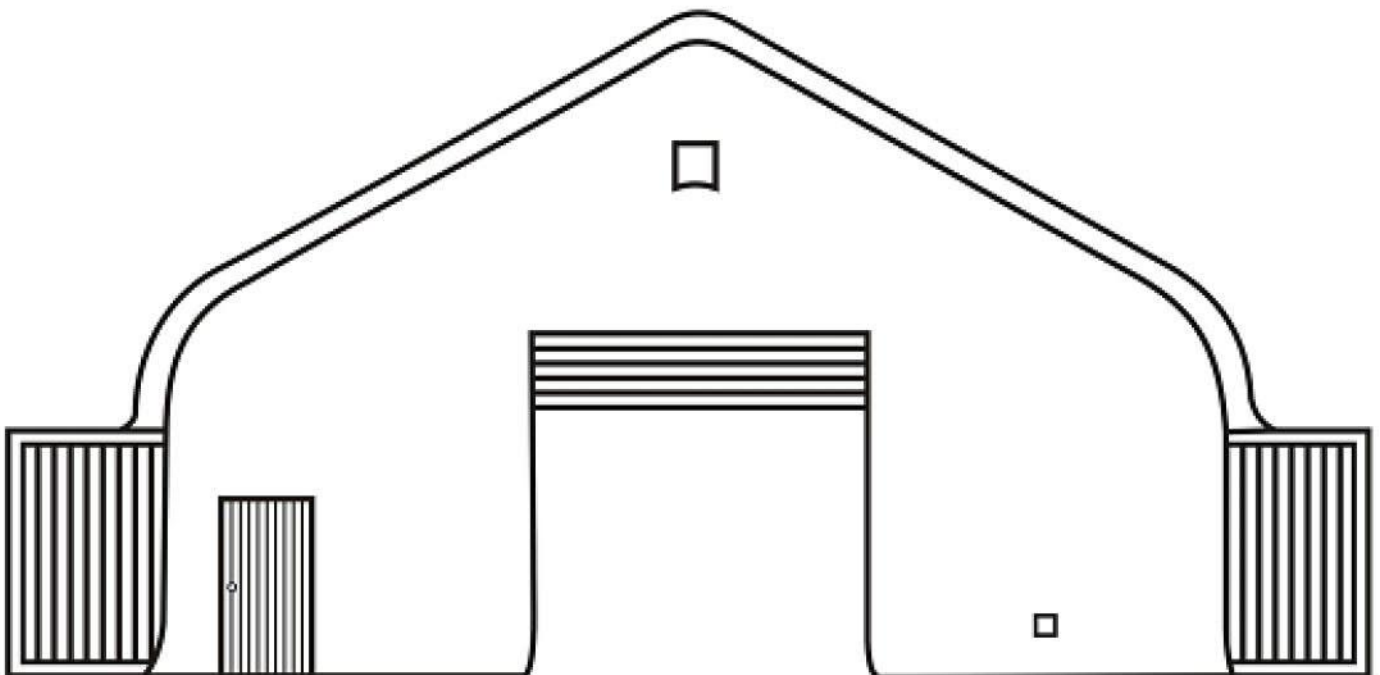


# MECHANICAL ROLL UP DOOR AND STEEL NAMDOOR



- Please read and understand the product manual completely before assembly
- Check against the parts list to make sure all parts are received
- Wear proper safety goggles or other protective gears while in assembly
- Do not return the product to dealer. They are not equipped to handle your requests.

Missing parts or have questions on assembly?  
Please call: 1-877-761-2819 or email: [cs@tmgindustrial.com](mailto:cs@tmgindustrial.com)

## **MAIN SPECIFICATIONS :**

- Overall assembled size : W15.24 x H7.8 (m) / W50x H25.6 (ft)
- Width : 15.24 m / 50ft
- Height : 7.8 m / 25.6ft
- Front door : 4.6x3.85 (m) / 15.1x12.6 (ft)

## **PRIOR TO ASSEMBLY**

Please read the instructions carefully before installation. It is very important to follow your local safety regulations and industry standards during installation. Regulations may include but are not limited to :

- Safety helmets, protective eyewear, and clothing
- Safety harnesses for all elevated workers
- Proper ladder, cage, and safety operation


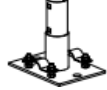
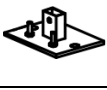





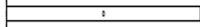
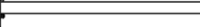

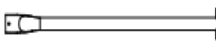



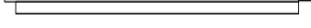
Check all components and parts before installation. All parts are marked with a part number, please refer to the parts list to make sure you have all parts.









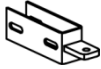





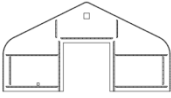


Choose a day with low or no wind to install, assembly is hard in heavy wind. Do not make any alterations to the structure. Do not hang any weights on the frame during installation, including parts. We are not responsible for any damages or injuries caused by inappropriate installation, unauthorized modifications or extreme weather.


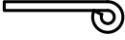
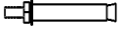


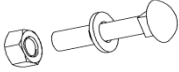
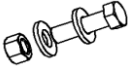
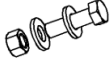
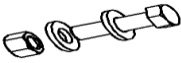
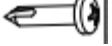
This building is not intended for human occupancy.

It is recommended to tape or add foam/rubber on the frame where joints connect and where it touches the cover. This will help extend the life span of the cover.

**TMG-DT50FW8 PART LIST**

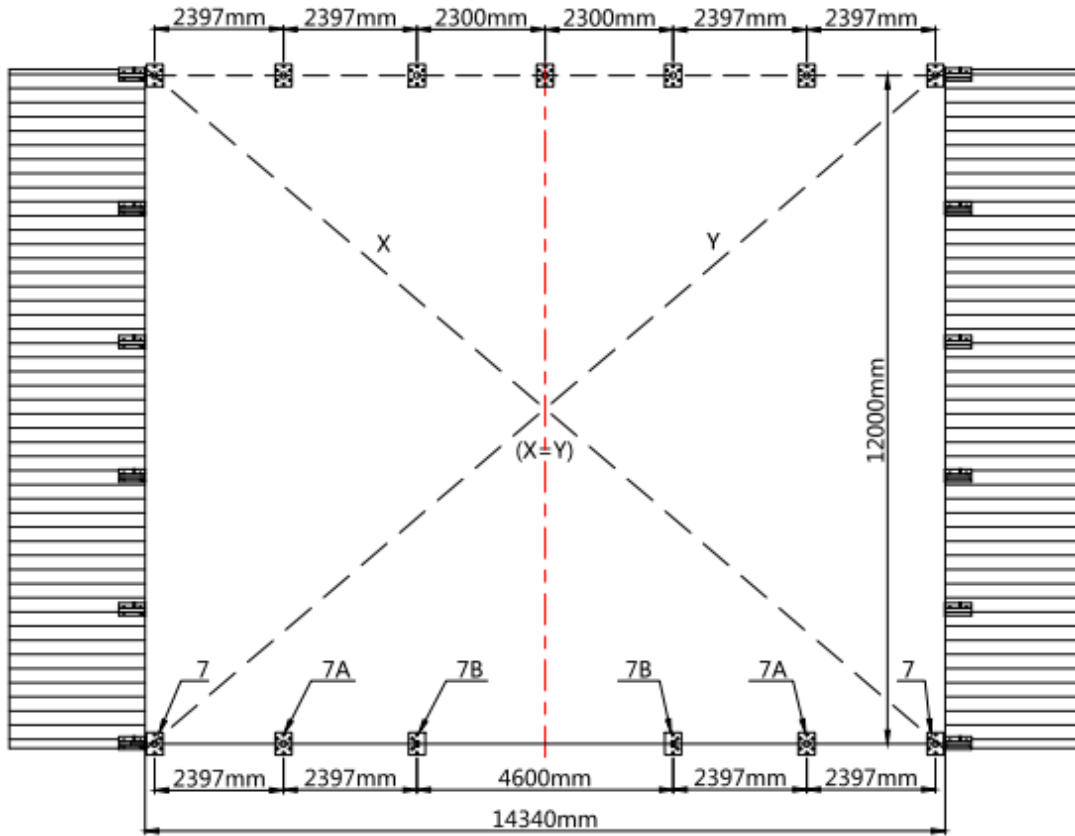
| <b>NO.</b> | <b>PICTURE</b>  | <b>DESCRIPTION</b>                                  | <b>LENGTH</b> | <b>QTY</b> |
|------------|---|---|---------------|------------|
| 7          |    | Baseplate   | W150xL200mm   | 2          |
| 7A         |    | Baseplate   | W150xL200mm   | 2          |
| 7B         |    | Baseplate of front door frame                       | W150xL200mm   | 2          |
| 8A         |    | Side vertical tube                                  | L2693mm       | 1          |
| 8B         |    | Lower vertical tube                                 | L2307mm       | 1          |
| 8C         |    | Lower vertical tube                                 | L2307mm       | 1          |
| 8D         |  | Side vertical tube                                  | L2693mm       | 1          |
| 9          |  | Middle vertical tube                                | L1990mm       | 2          |
| 9B         |  | Side door left tube                                 | L2027mm       | 1          |
| 9C         |  | Side door right tube                                | L2027mm       | 1          |
| 9D         |  | Side door   | W925xL2005mm  | 1          |
| 10B        |  | Transverse tube                                     | L2461mm       | 2          |
| 10C        |  | Middle transverse tube                              | L2362mm       | 2          |
| 10D        |  | Side door upper tube                                | L2369mm       | 1          |
| 10L        |  | Front vertical door rail<br>(left side lower part)  | L2625mm       | 1          |
| 10R        |  | Front vertical door rail<br>(right side lower part) | L2625mm       | 1          |

|     |   |  |               |    |
|-----|---|--|---------------|----|
| 11L |    | Front vertical door rail<br>(left side upper part)                           | L1720mm       | 1  |
| 11R |    | Front vertical door rail<br>(right side upper part)                          | L1720mm       | 1  |
| 12A |    | Front roll up door dropping tubes (to<br>connect #12B)                       | L2356mm       | 7  |
| 12B |    | Front roll up door dropping tubes (to<br>connect #12A)                       | L2359mm       | 7  |
| 14A |    | Front door hand winch crossing tube  | L2362mm       | 1  |
| 15  |    | Bottom tension bar   | L2310mm       | 3  |
| 15D |    | Bottom tension bar   | L640mm        | 2  |
| 18  |   | Tube clamps  | φ58           | 6  |
| 18A |  | Front vertical door rail end plate (floatable<br>to keep door rail straight) | L220mm        | 2  |
| 18B |  | Right pulley system for front door   | L150mm        | 1  |
| 18C |  | Left pulley system for front door  | L150mm        | 1  |
| 18D |  | Front vertical door rail connection plate                                    | L240mm        | 2  |
| 19  |  | Tube end water plug  | φ32           | 10 |
| 20  |  | Braided rope   | 100m          | 1  |
| 22  |  | Front truss fabric cover panel   | W15.1xL8m     | 1  |
| 22B |  | Front roll up door cover panel   | W4550xL4520mm | 1  |
| 23A |  | Roll up door hand winch  | (1200 lb)     | 1  |

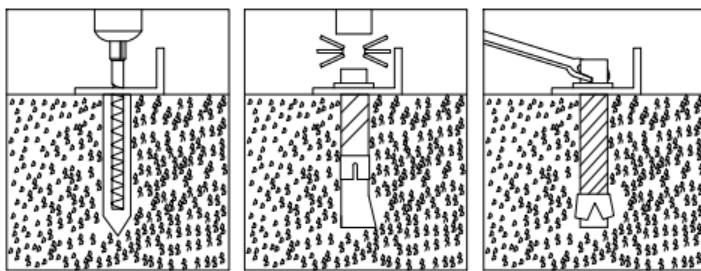
|     |   |                                     |            |    |
|-----|---|-------------------------------------|------------|----|
| 23B |    | Wire rope for front door hand winch | 15m        | 1  |
| 24A |    | Front fabric tarp secure pin        | L200m      | 1  |
| 25  |    | Expansion bolts                     | φ 16x150mm | 16 |
| 25A |    | Pressing plate                      | L2000mm    | 6  |
| 25B |    | Pressing plate                      | L1000mm    | 1  |
| 27  |    | Self locking bolt and nuts          | M8x70mm    | 12 |
| 29  |    | Hex bolt and nuts                   | M10x80mm   | 32 |
| 30  |   | Hex bolt and nuts                   | M10x50mm   | 8  |
| 31  |  | Hex bolt and nuts                   | M10x100mm  | 4  |
| 32  |  | Tapping screw                       | #12x25mm   | 62 |

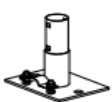
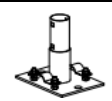
**STEP 1 : REVIEW THE WHOLE STRUCTURE AND CHOOSE THE PROPER INSTALLATION SITE.**


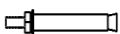
- Place the containers making sure they are parallel and the correct width apart the diagonal X and Y must be equal. Baseplates must be bolted firmly with expansion bolts, It is concrete expansion bolt.



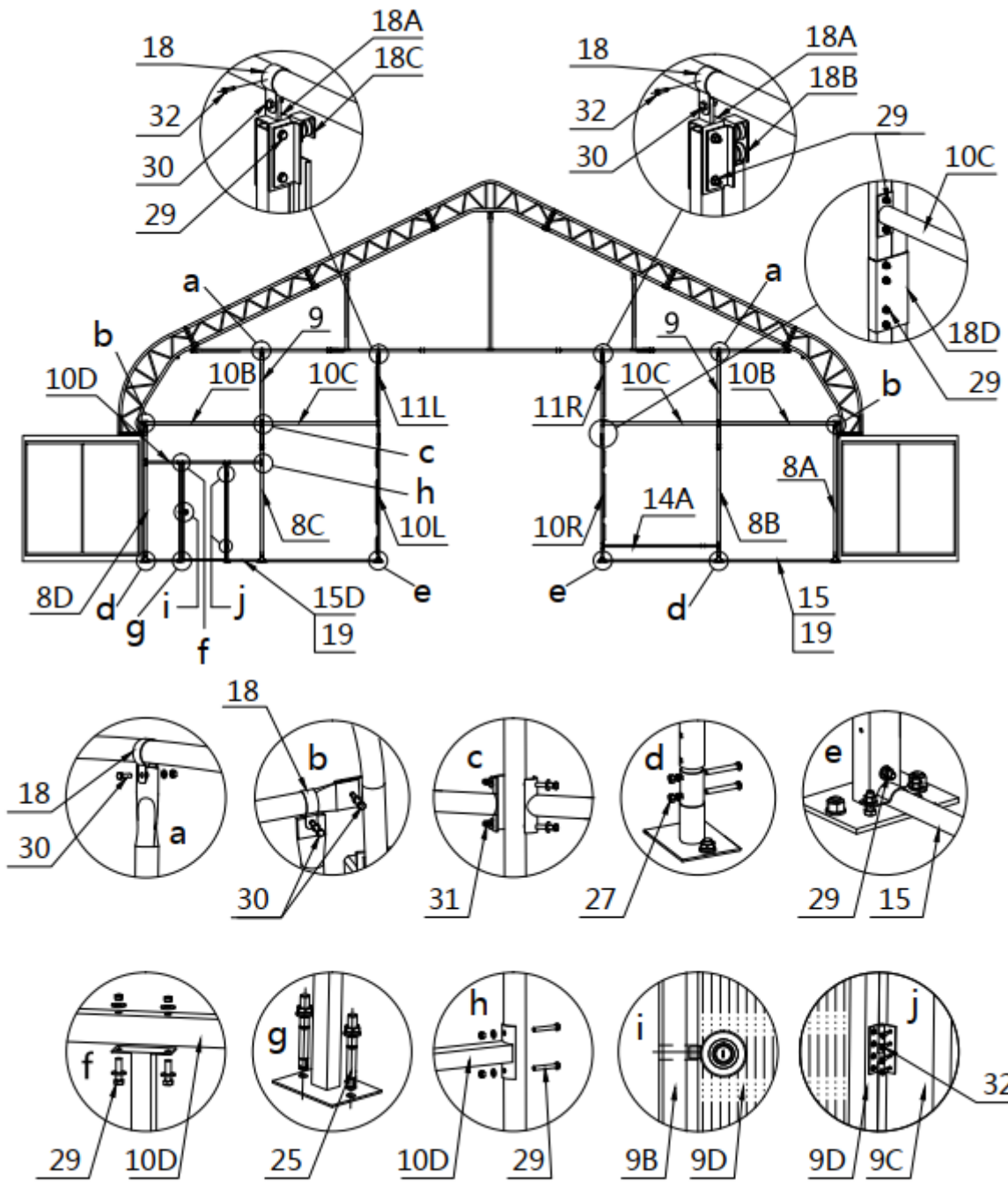
- Installation diagram of expansion bolt.






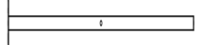
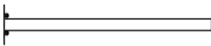
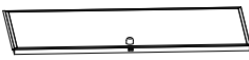

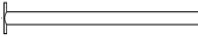







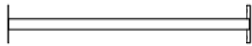




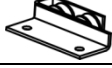



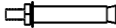
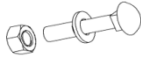
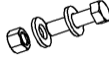
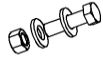
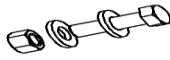
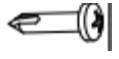
| NO. | PART  | QTY |
|-----|---|-----|
| 7   |  | 2   |
| 7A  |  | 2   |

| NO. | PART  | QTY |
|-----|---|-----|
| 7B  |  | 2   |
| 25  |  | 12  |

**STEP 2 : FRONT TRUSS TO COMPLETE.**



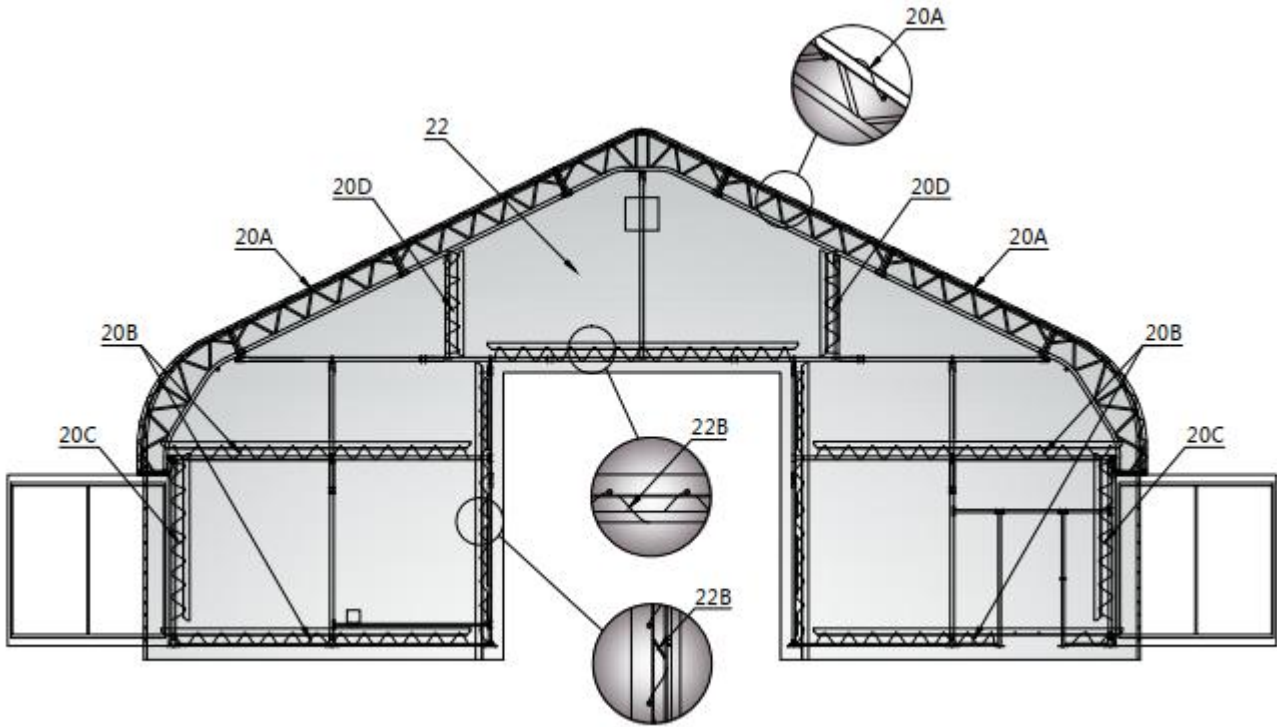
| NO. | PART  | QTY |
|-----|---|-----|
| 8A  |    | 1   |
| 8B  |    | 1   |
| 8C  |    | 1   |
| 8D  |    | 1   |
| 9   |    | 2   |
| 9B  |    | 1   |
| 9C  |    | 1   |
| 9D  |    | 1   |
| 10B |    | 2   |
| 10C |    | 2   |
| 10D |  | 1   |
| 10L |  | 1   |
| 10R |  | 1   |
| 11L |  | 1   |
| 11R |  | 1   |

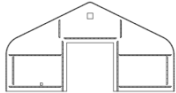
| NO. | PART  | QTY |
|-----|---|-----|
| 14A |     | 1   |
| 15  |     | 3   |
| 15D |    | 2   |
| 18  |    | 6   |
| 18A |    | 2   |
| 18B |    | 1   |
| 18C |    | 1   |
| 18D |    | 2   |
| 19  |    | 10  |
| 25  |    | 4   |
| 27  |  | 12  |
| 29  |  | 30  |
| 30  |  | 8   |
| 31  |  | 4   |
| 32  |  | 10  |




**STEP 3 : INSTALL FRONT COVER PANEL.**

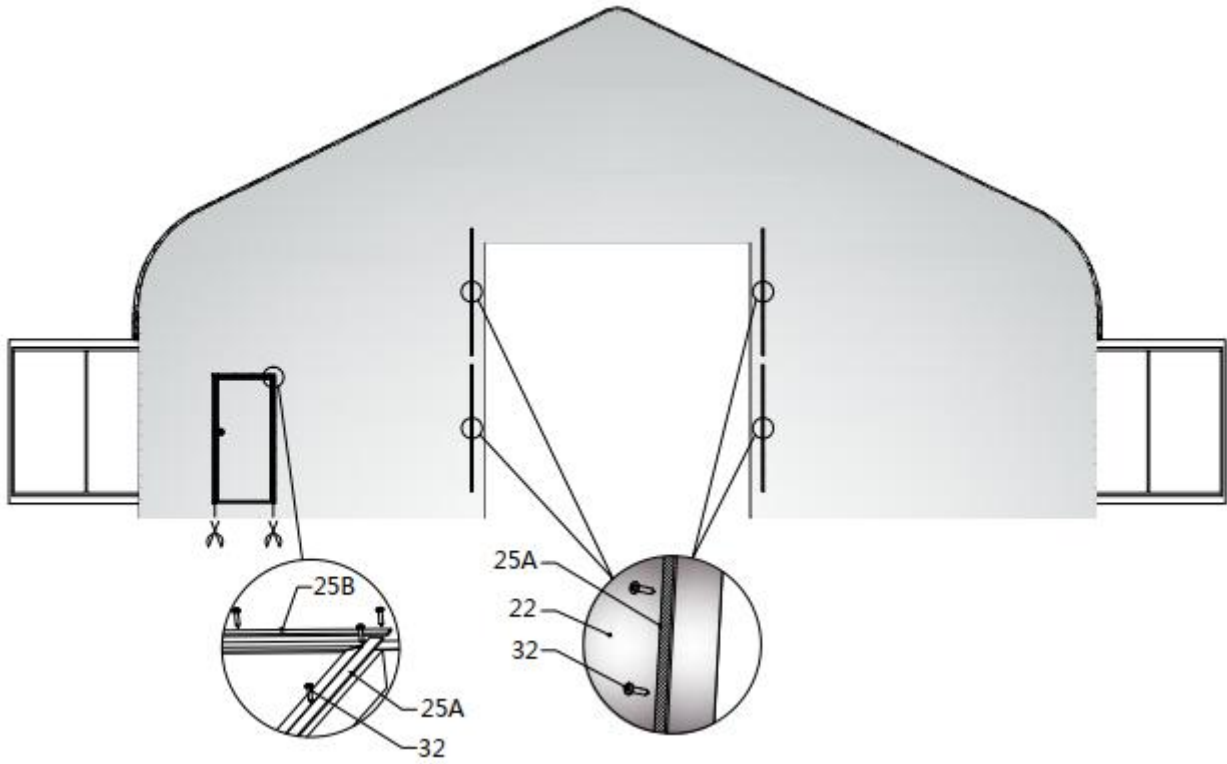
- Lift up (#22) cover panel, starting from the center point of the frame (highest ridge point) use ropes (#20) through the grommets to tie the panel to the truss firmly. All grommets need to be tied to the frame as shown.






| NO. | PART  | QTY |
|-----|---|-----|
| 22  |  | 1   |
|     |   |     |
|     |   |     |
|     |   |     |
|     |   |     |

| ROPE SHEAR SIZE |   |     |
|-----------------|---|-----|
| 20              |  | Qty |
| A               | 15m   | 2   |
| B               | 7m  | 7   |
| C               | 4m  | 2   |
| D               | 3m  | 2   |

- Install the front door metal strip.

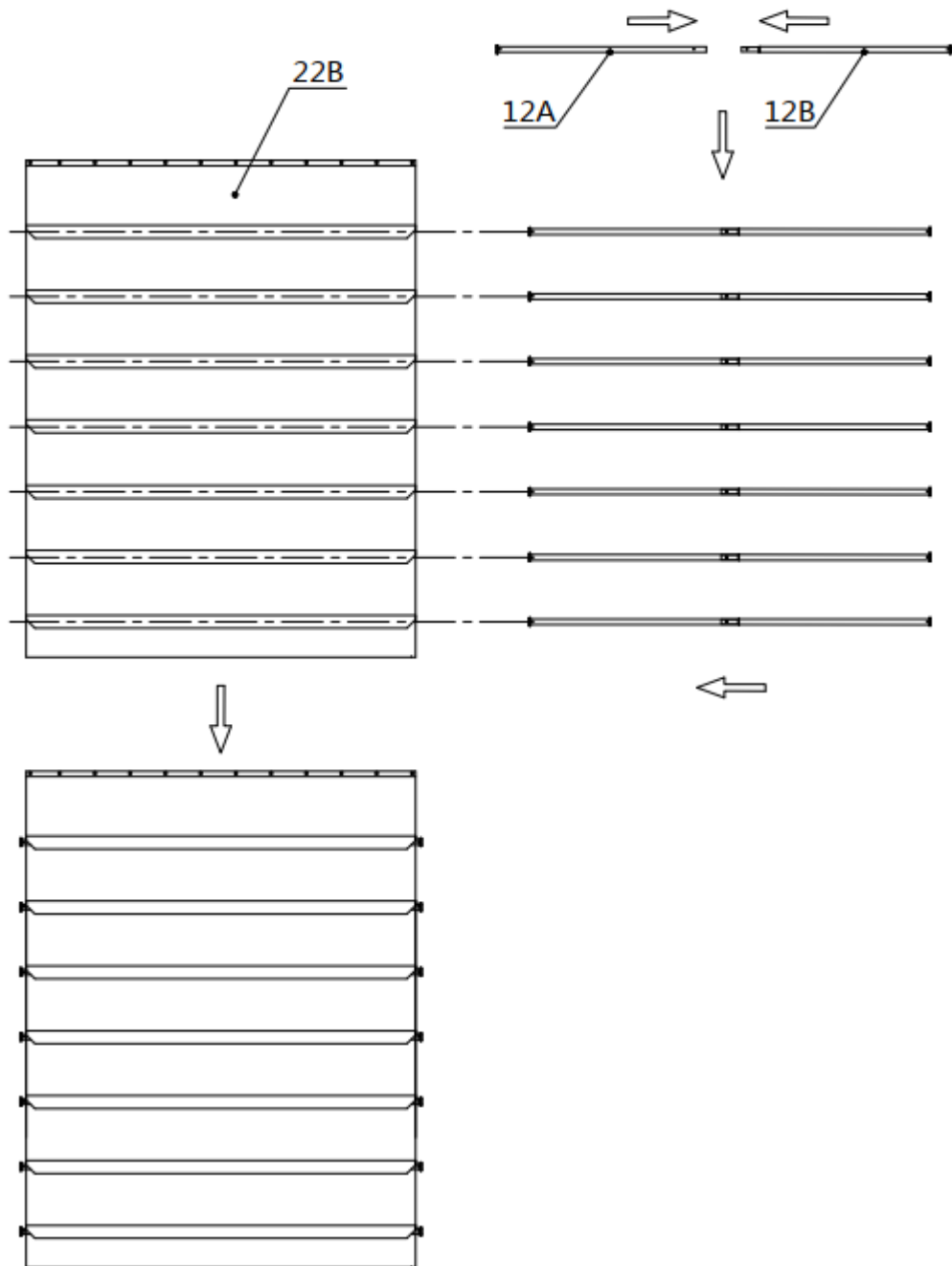




| NO. | PART  | QTY |
|-----|---|-----|
| 25A |  | 6   |
| 25B |  | 1   |


| NO. | PART  | QTY |
|-----|---|-----|
| 32  |  | 52  |
|     |   |     |

**STEP 4 : INSTALL MECHANICAL ROLL UP DOORS.**

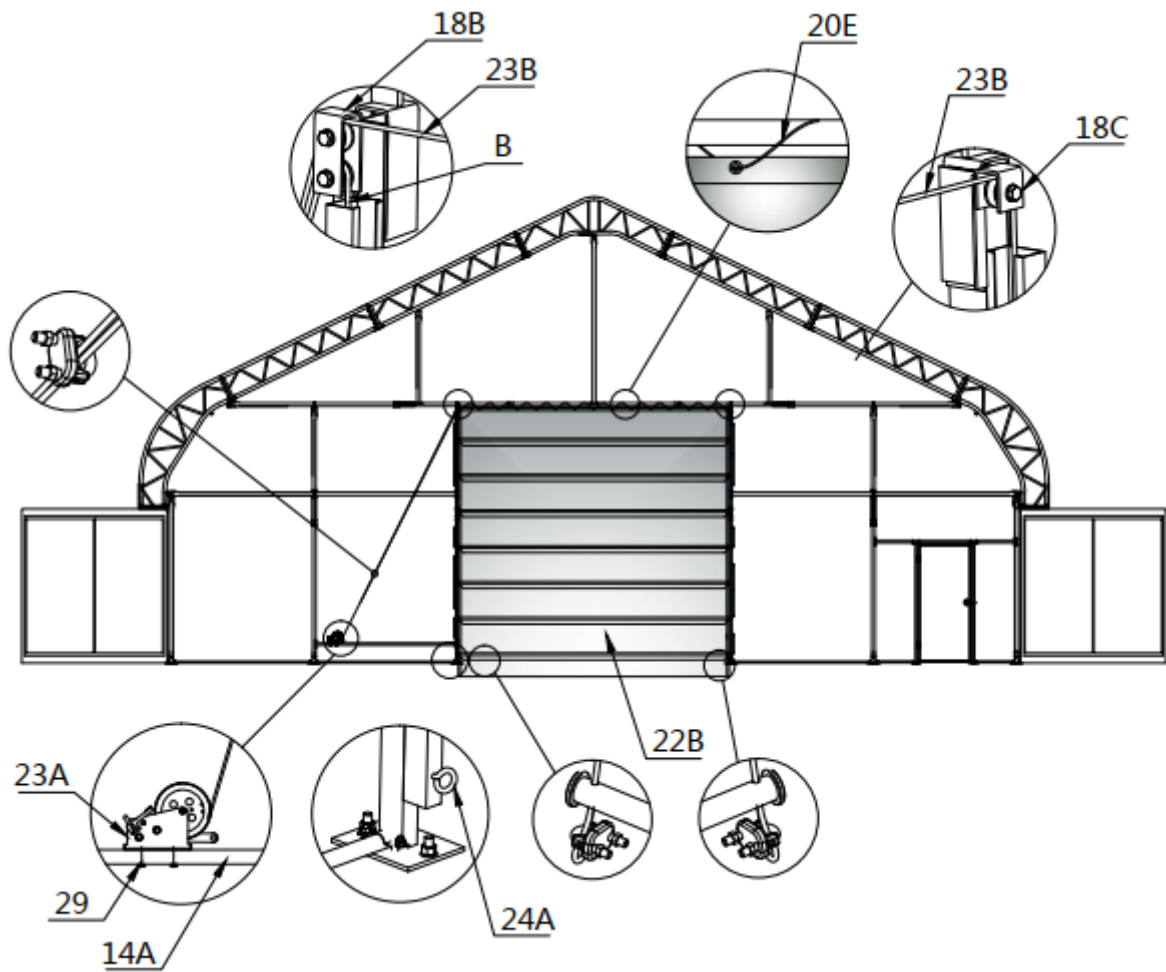
- Door curtain installation.







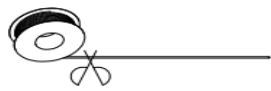
| NO. | PART  | QTY |
|-----|---|-----|
| 12B |  | 7   |
| 12A |  | 7   |

| NO. | PART  | QTY |
|-----|---|-----|
| 22B |  | 1   |
|     |   |     |

- Front door installation, please look at the door from inside.
- The hand winch (#23A) comes with a shorter cable, we call it cable (#B).



| NO. | PART  | QTY |
|-----|---|-----|
| 23A |  | 1   |
| 23B |  | 1   |
| 24A |  | 1   |
| 29  |  | 2   |

| ROPE SHEAR SIZE |  |     |
|-----------------|--|-----|
| 20              |  | Qty |
| E               | 7m   | 1   |
|                 |  |     |
|                 |  |     |

## **AFTER THE INSTALLATION**

Walk around and inspect the shelter periodically to make sure all components are still firmly secured and the whole shelter is well supported. Check all bolts and nuts as well as all connection points to make sure they are all in good position. Check the base plates, adjust the ropes and tie downs if required and clean the cover regularly.

Snow accumulating on the fabric cover must be removed as soon as possible. If snow becomes solid ice on the cover, it will increase the weight on the roof and may collapse the shelter or reduce the life span.

Keep the shelter on a dry ground most of the time. Do not keep the fabric dirt skirt under water all the time, otherwise the fabric will deteriorate.

We strongly recommend you remove any snow from the roof immediately. Do not leave any snow load on the roof overnight. Keep 3 feet of clearance on all sides at all times. Do not allow snow to accumulate and pile up on the sides of the building. Otherwise the pressure from the sides will push inwards and could lead to a collapse.