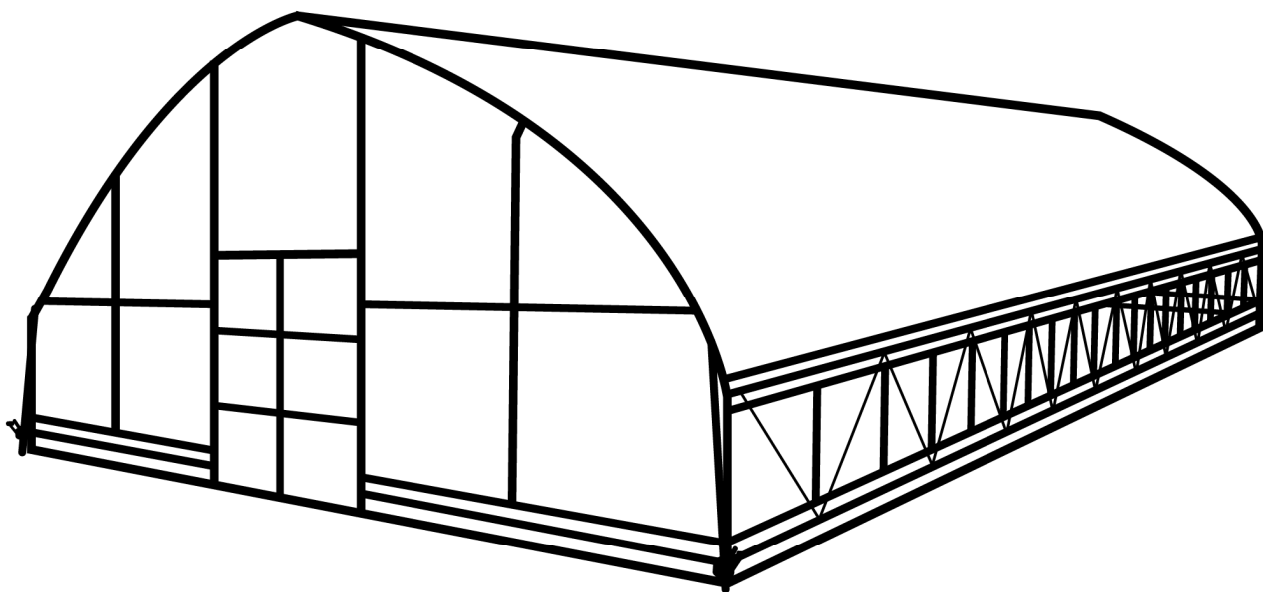


30'(9.15M) X 80'(24.7M) TUNNEL GREENHOUSE GROW TENT



⚠ WARNING



This structure is intended for temporary outdoor storage use only. It is not designed to withstand heavy snow and wind loads and does not come with engineering drawings. To ensure suitable for your specific weather needs, it is your responsibility to verify their appropriateness for your intended use and local weather conditions, especially in areas prone to severe weather.

- 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?

CA/US: 1-877-761-2819 or email: cs@tmgindustrial.com
AU: 1-800-870-844 or email: cs@tmgindustrial.com.au

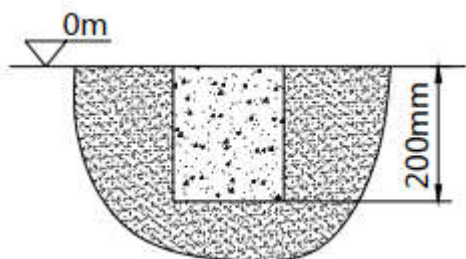
MAIN SPECIFICATIONS :

- Overall assembled size : W9.15 x L24.7x H4 (m) / W30 x L81 x H13.1 (ft)
- Shoulder height : H1.43 m / 4.7ft
- Door : W2.2 x H2 (m) / 7.2 x 6.6 (ft)

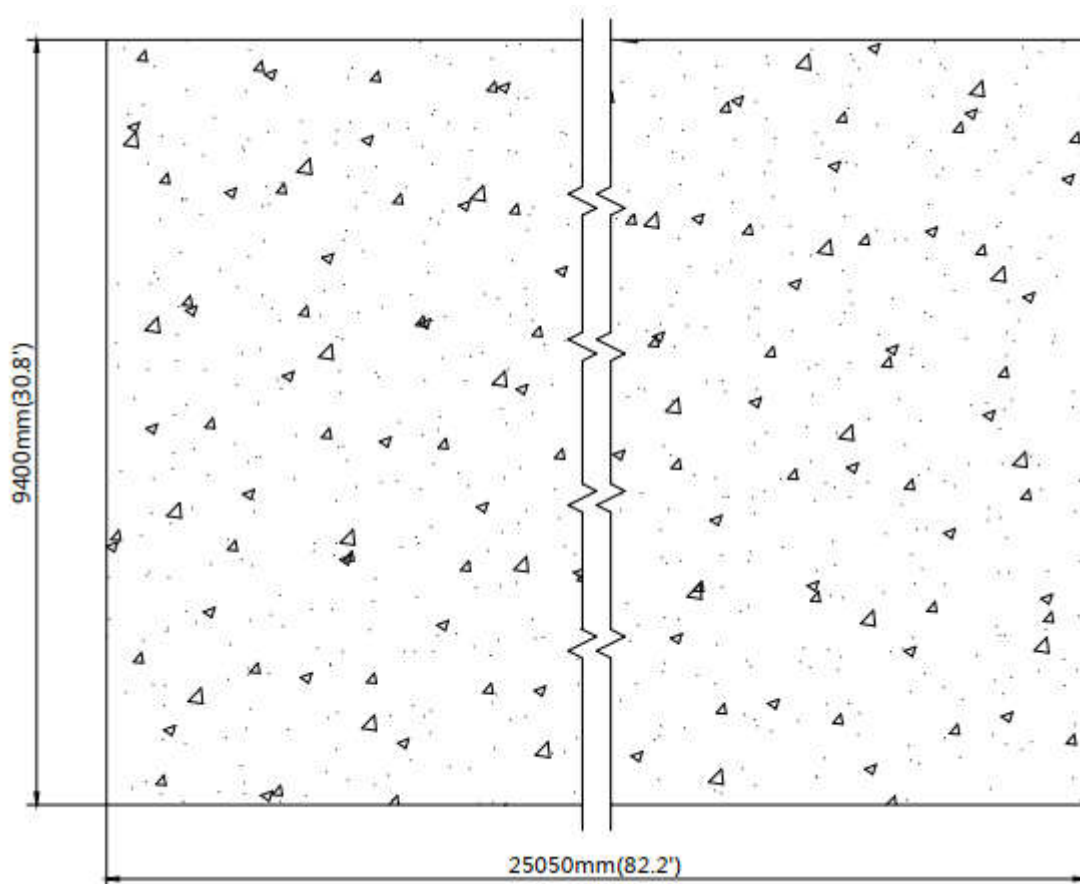
CONCRETE FOUNDATION SIZE SEE BELOW FIGURE.

- The layout of foundation (one).

Depth of cement



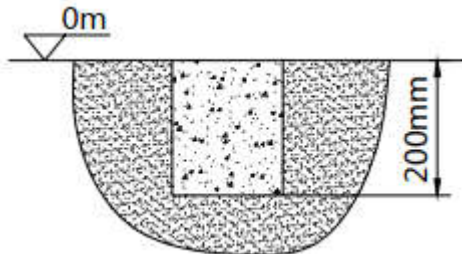
Unit: mm (ft)



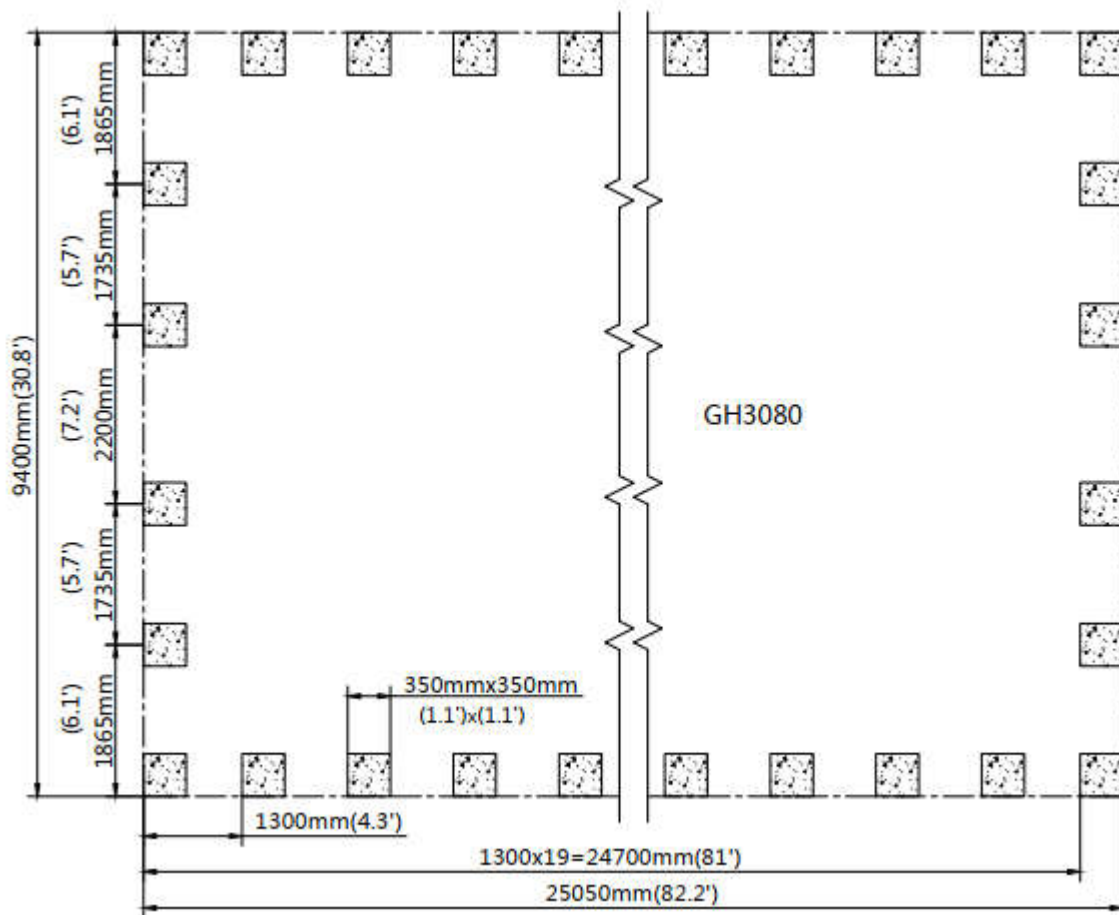
- The layout of foundation(two).

Note: the ground anchor is installed on the cement block.

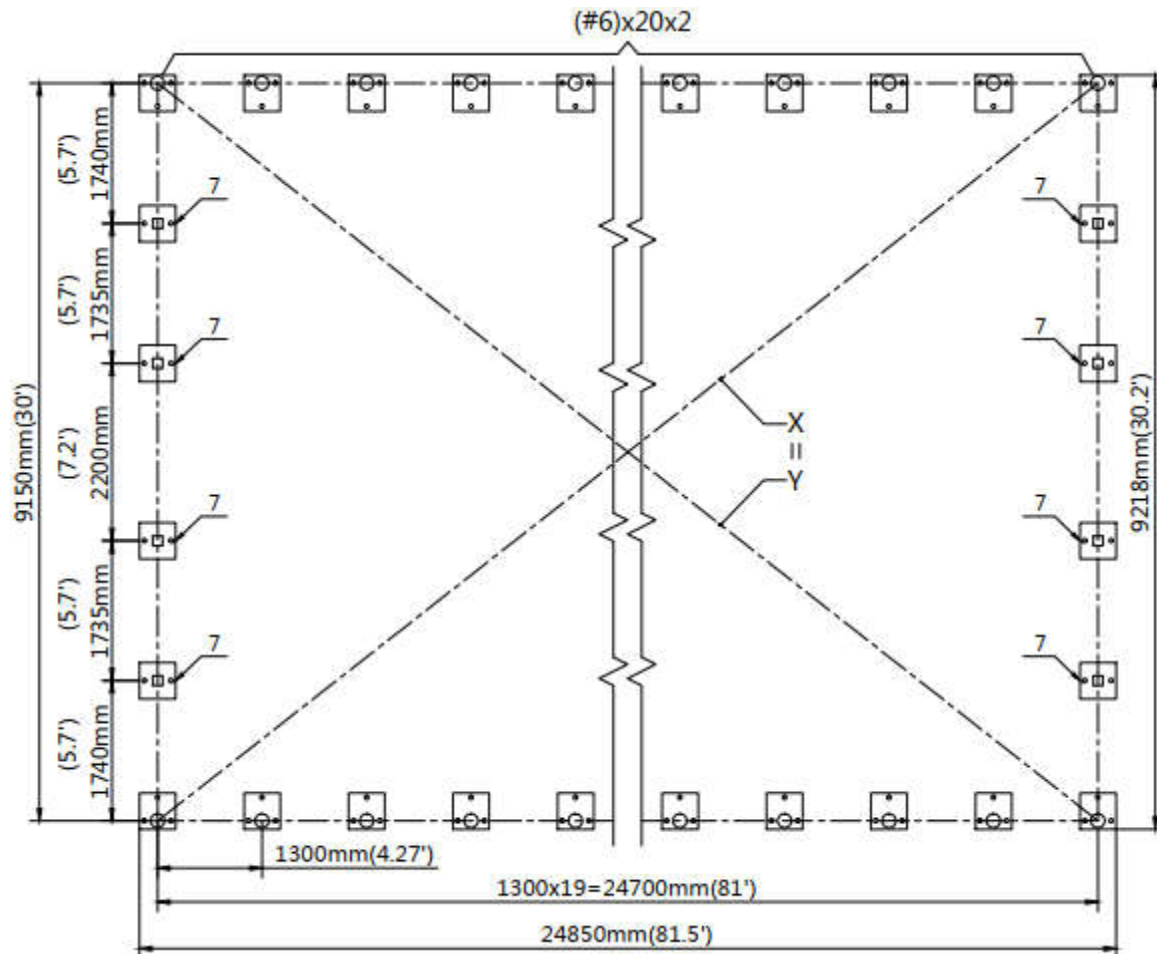
Depth of cement



Unit: mm (ft)



- Baseplate layout.



PRIOR TO ASSEMBLY

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

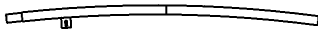
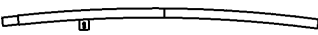
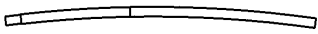
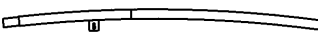
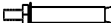
- Safety helmets, protective eyewear, and clothing
- Safety harnesses for all elevated workers
- Proper ladder, cage, and safety operation

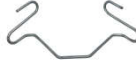
Check all components and parts before installation. All parts are marked with a part number, please refer to the parts list to make sure you have all parts.

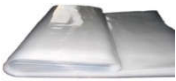
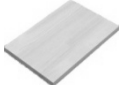
Choose a day with low or no wind to install, assembly is hard in heavy wind. Do not make any alterations to the structure. Do not hang any weights on the frame during installation, including parts. We are not responsible for any damages or injuries caused by inappropriate installation, unauthorized modifications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

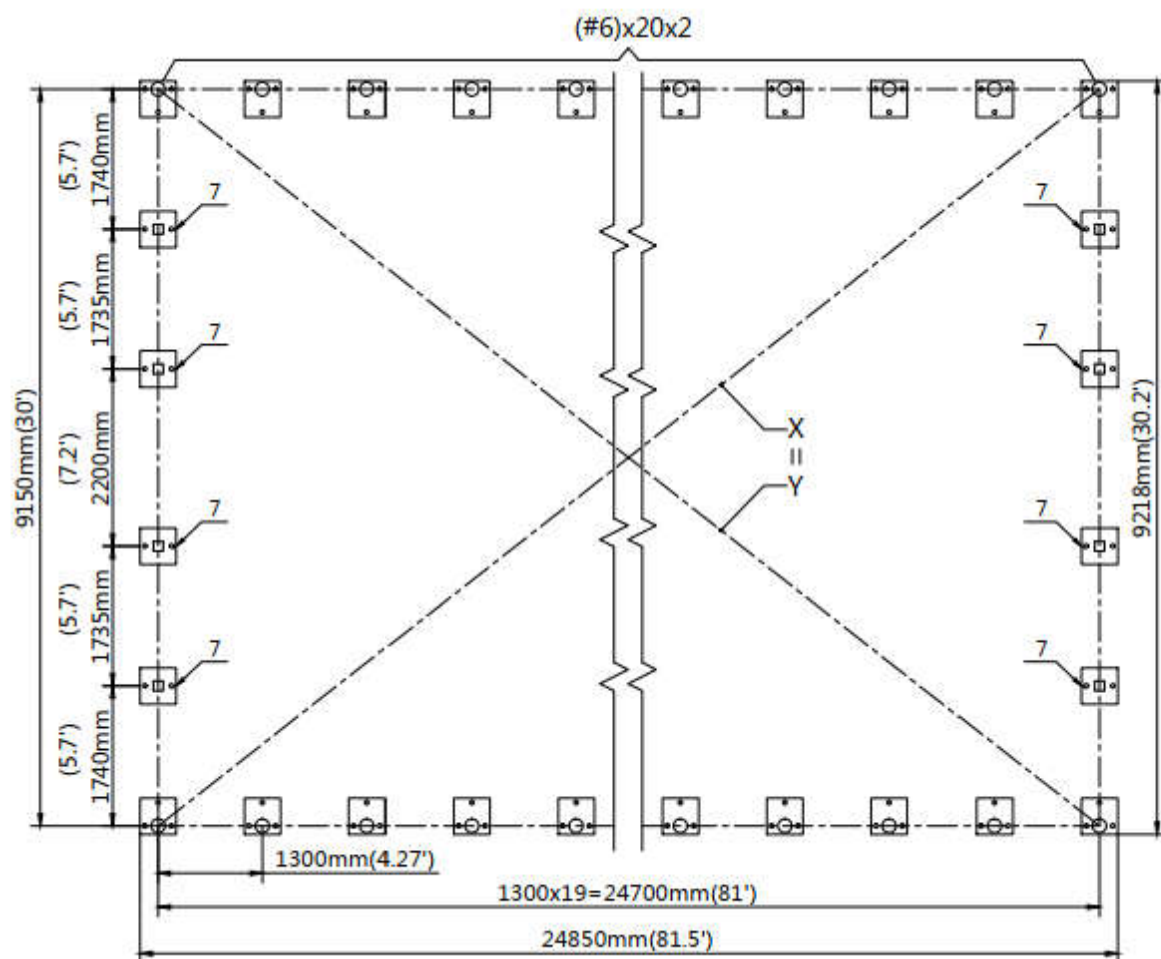
TMG-GH3080-V2 PART LIST				
PARTS CODE	GRAPHICAL	DESCRIPTION	LENGTH	QTY
1		Peak arch tube	L1470mm	20
2		Upper rafter tube	L1996mm	36
2A		Upper rafter tube (front and rear trusses)	L1996mm	4
3		Lower rafter tube	L1996mm	36
3A		Lower rafter tube (front and rear trusses)	L1996mm	4
4		Shoulder tube	L2090mm	36
4A		Shoulder tube (front and rear trusses)	L2090mm	4
5		Roof purlin (horizontal tube)	L1238mm	133
5A		Connectors	φ58/φ32	252
5B		Connectors	φ58/φ32	14
6		Base plate	W150xL150mm	40
6A		Expansion bolt	φ14x100mm	136
7		Base plate	W150xL150mm	8
8		Vertical tubes	L1687mm	4
8A		Vertical tubes	L1137mm	4
9L		Door left lower vertical tubes	L1687mm	2
9A		Door left upper vertical tubes	L1977mm	2
9R		Door right lower vertical tubes	L1687mm	2

9B		Door right upper vertical tubes	L1977mm	2
9C		Connector tube	L120mm	8
10		Door cross tubes	L1377mm	4
10A		Door cross tubes	L1689mm	4
10B		Door frame cross pull tube	L2154mm	2
11		Ceiling cross bar	L1987mm	18
12		Door frame column tube	L1978mm	4
12L		Door frame column left tube	L1978mm	2
12R		Door frame column right tube	L1978mm	2
13		Door horizontal tube	L990mm	16
14		Reed groove	L2000mm	108
14A		Clip spring	L2000mm	93
15		Film rolling machine guide tube	L1430mm	2
16		Roll film tube	L1993mm	24
16A		Roll film tube	L1490mm	2
17		Door buckle		8
18		Film rolling machine		2
19		Eight clip spring		78
20		Pressure film carrier	Φ25mm	40

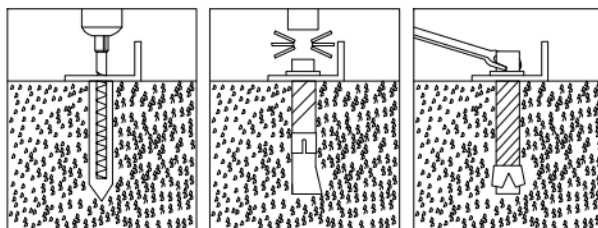
21		Half round head bolt	M6x50mm	32
22		Self locking bolt and nuts	M8x50mm	266
23		Self locking bolt and nuts	M8x70mm	320
24		Hex bolt and nuts	M10x70mm	32
25		Hex bolt and nuts	M10x30mm	48
26		Hex bolt and nuts	M10x120mm	2
27		Self tapping screw	#12x25	780
28		Self tapping screw	#12x35	184
29		Square plug	30x30mm	16
30		Round plug	Φ25mm	6
31		Braided rope	L110m	1 bundle
32		Top cover film	W14.5xL25.5m	1
32A		Front and rear door film	W4.5xL9.5m	2
33		Adhesive tape	L10m	13
34		Socket wrench	8mm	1
35		Hex wrench	φ4mm	1
36		Board (not included)	150x15x2000mm	58

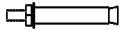
INSTALLATION STEPS

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



- Installation diagram of expansion bolt.

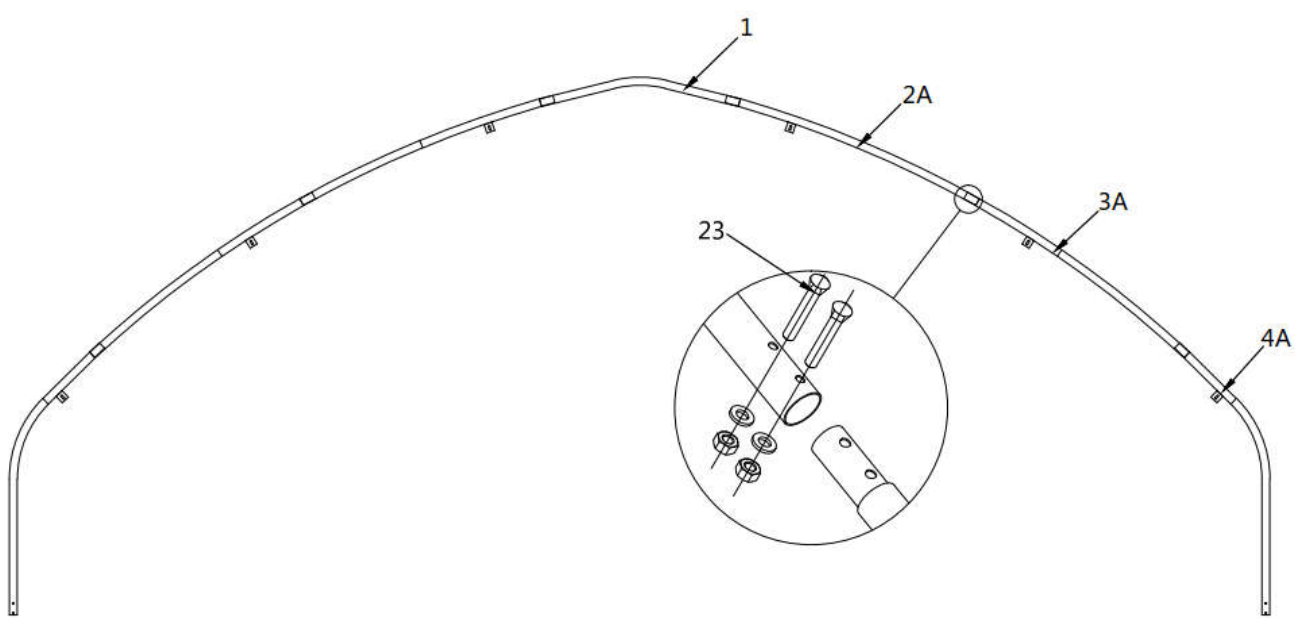


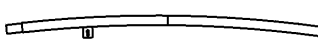
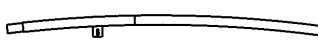
NO.	PART	QTY
6		40
6A		136

NO.	PART	QTY
7		8

STEP 2 : ASSEMBLE ALL TRUSSES.

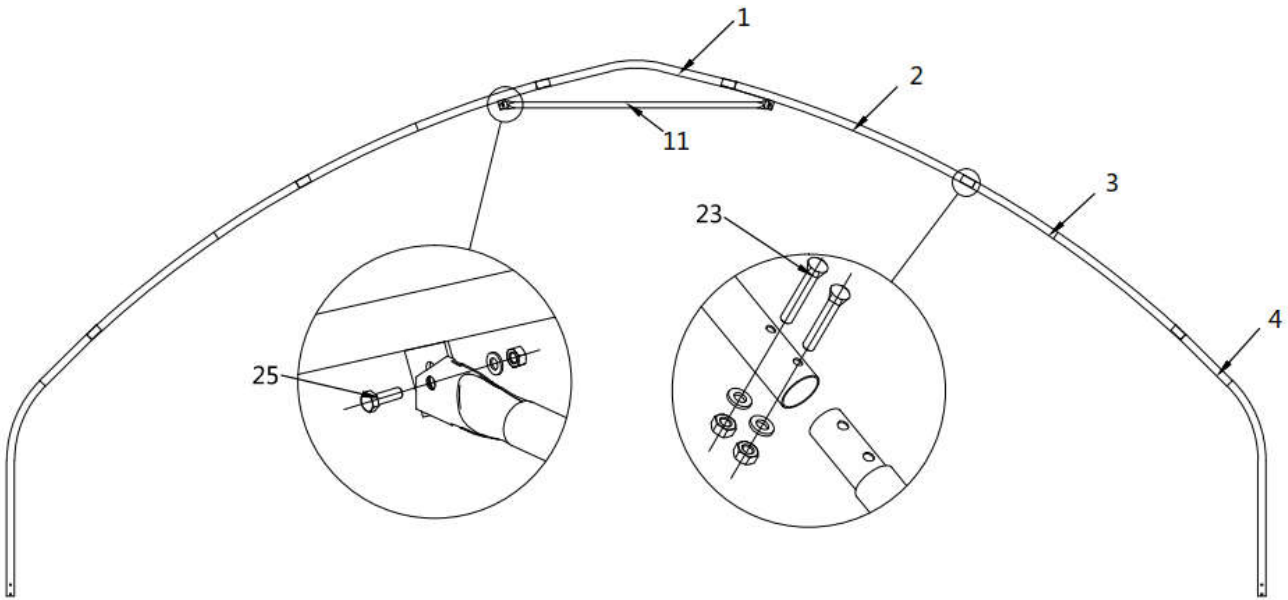
- The building includes 20 trusses : (2) front and rear trusses, and (18) middle trusses.
- Install front and rear trusses.

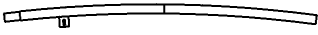
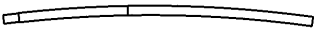


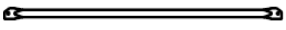
NO.	PART	QTY
1		1x2
2A		2x2
3A		2x2

NO.	PART	QTY
4A		2x2
23		12x2

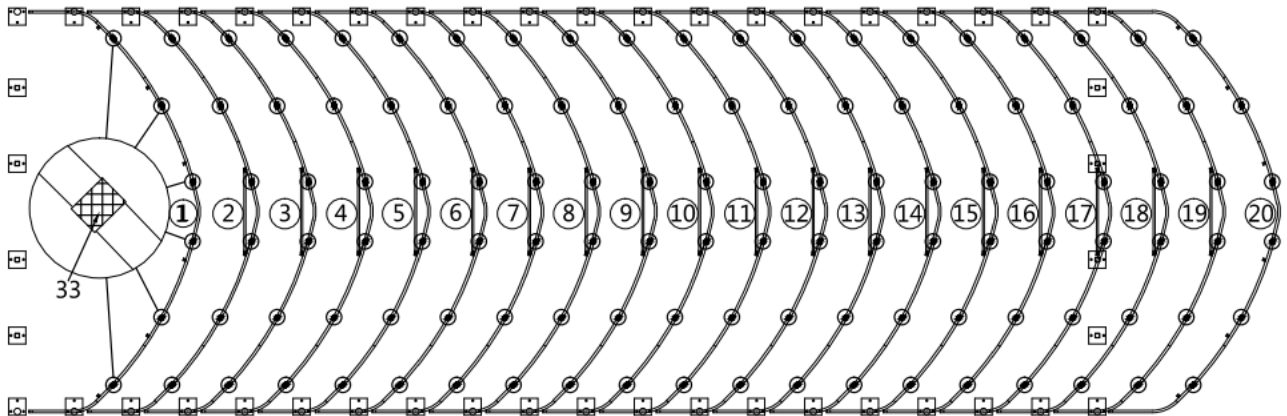
- Install (18) middle trusses.



NO.	PART	QTY
1		1x18
2		2x18
3		2x18
4		2x18

NO.	PART	QTY
11		1x18
23		12x18
25		2x18

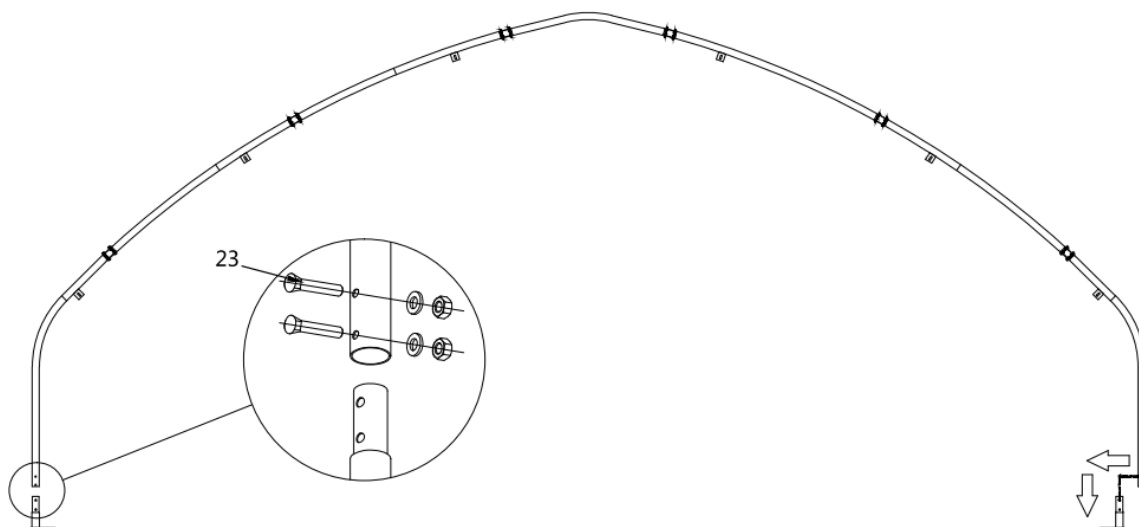
- Lay down all (20) trusses on the ground when the assembly is all completed and before moving to next step, and then wrap (#33) around the sharp points of the joint to avoid friction between the fabric and the interface, resulting in fabric damage.



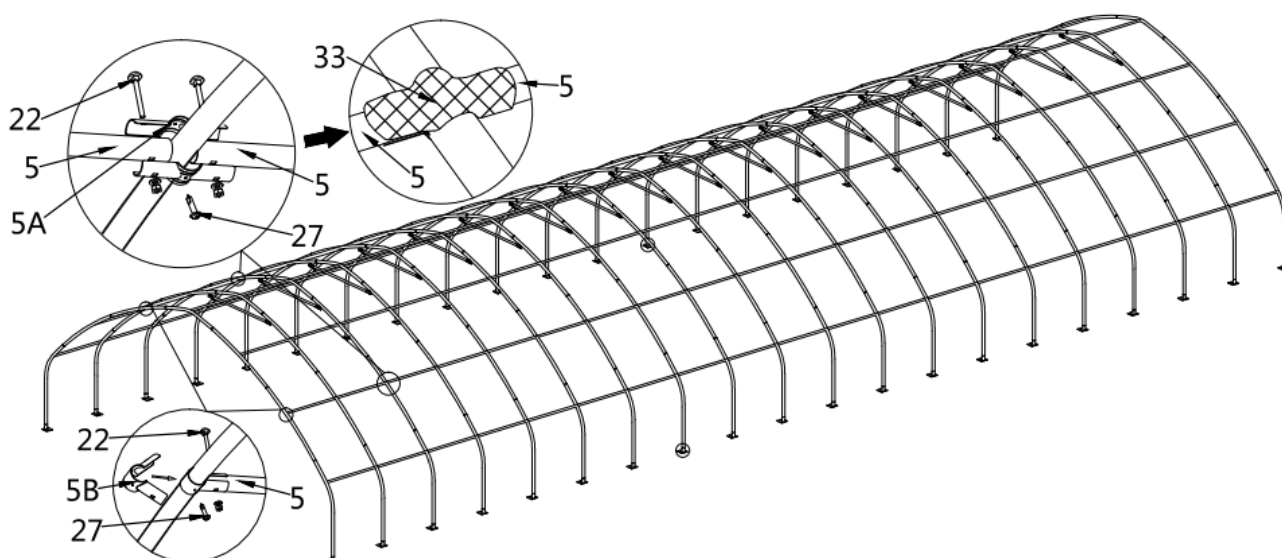
NO.	PART	QTY
33		5

STEP 3 : PUT UP ALL TRUSSES.

- Put up the truss, use hex bolt (#23) to secure the truss to the base plates.



- Attach all purlins, then wrap the sharp points with tape (#33) to prevent scratching the top fabric.

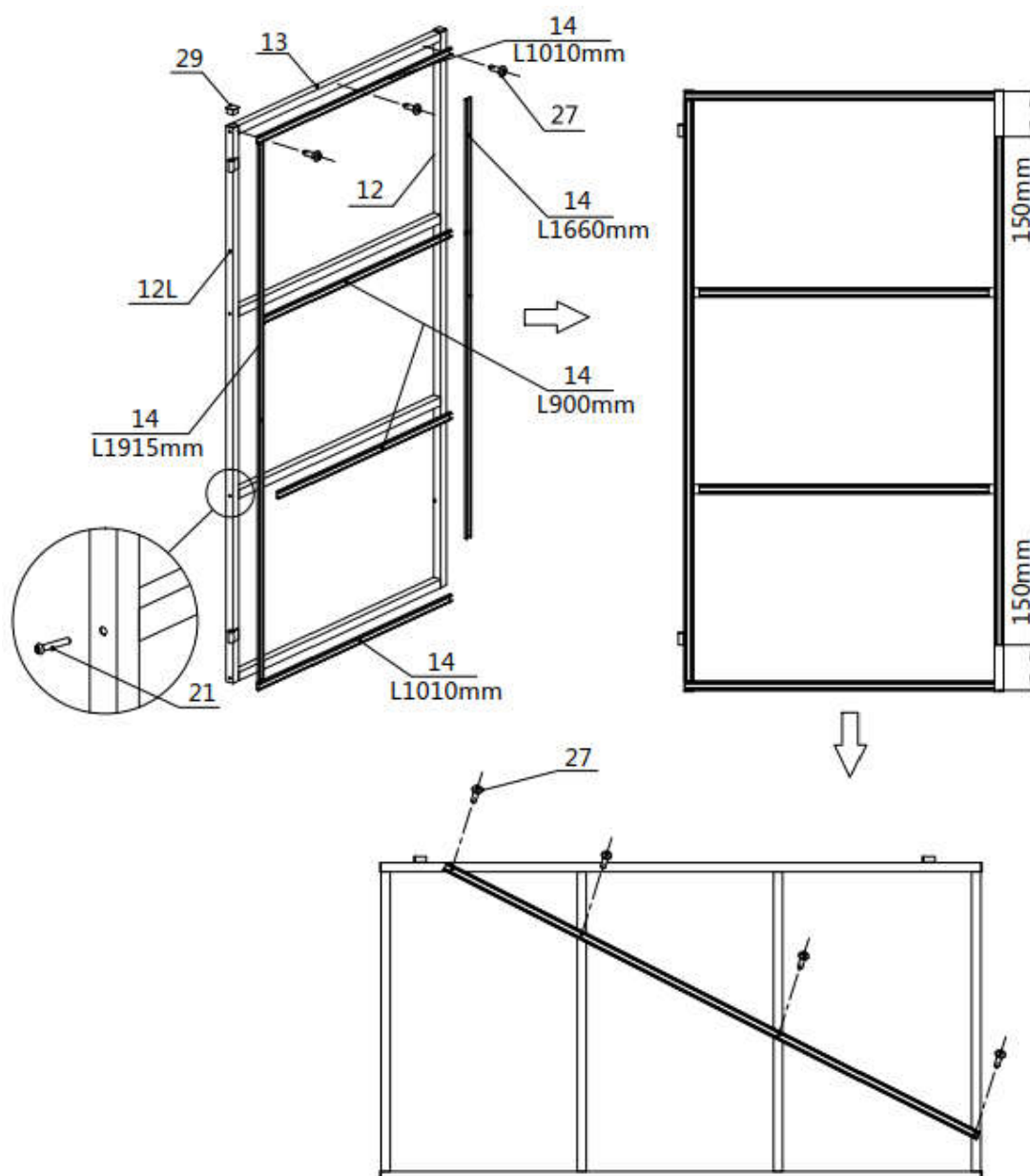


NO.	PART	QTY
5		133
5A		252
5B		14
22		266

NO.	PART	QTY
23		80
27		140
33		8

STEP 4 : INSTALL THE FRONT AND REAR DOOR FRAMES.

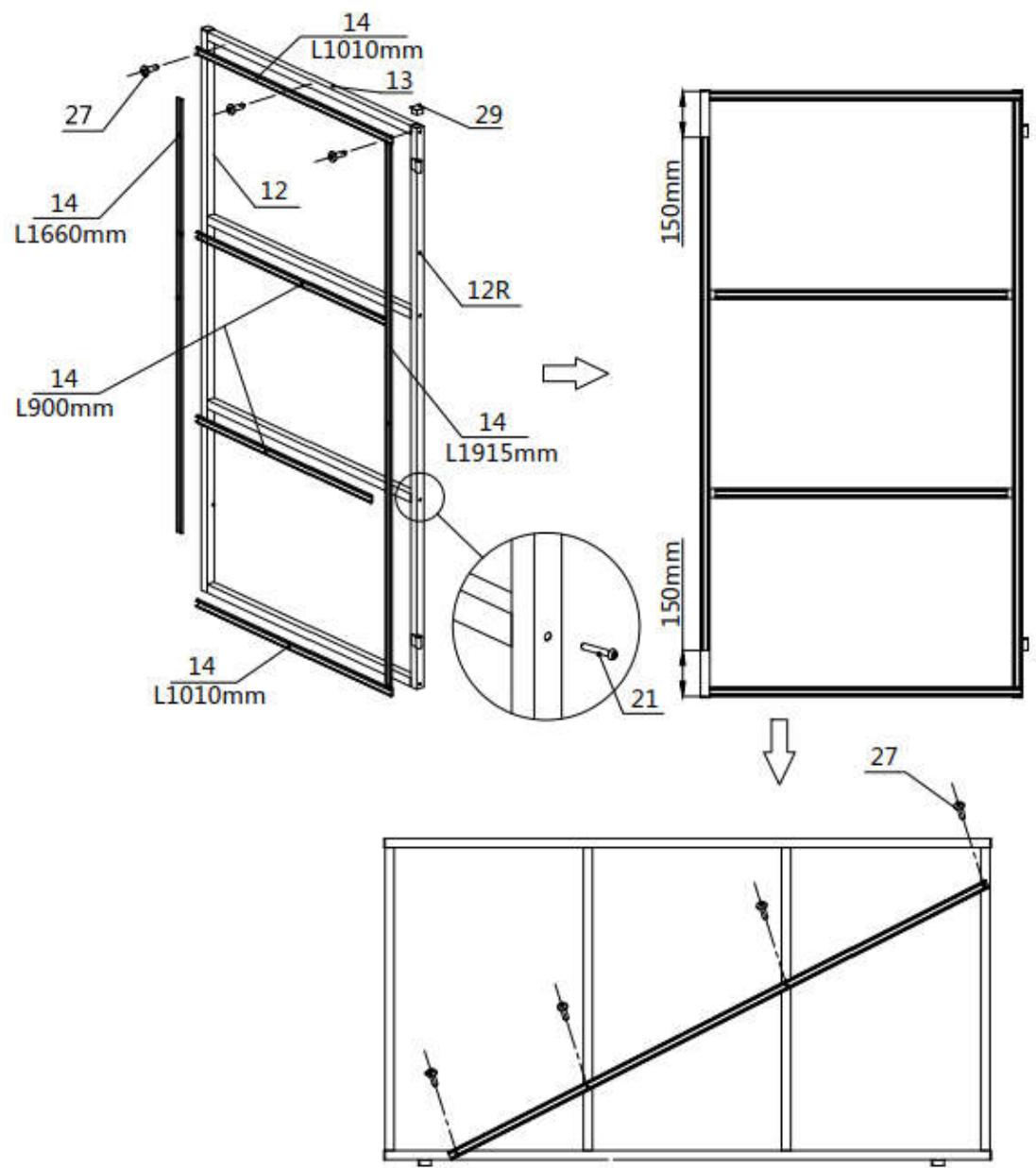
- Install 2 left door frames.

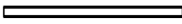


NO.	PART	QTY
12		1x2
12L		1x2
13		4x2
14		5x2

NO.	PART	QTY
21		8x2
27		26x2
29		4x2

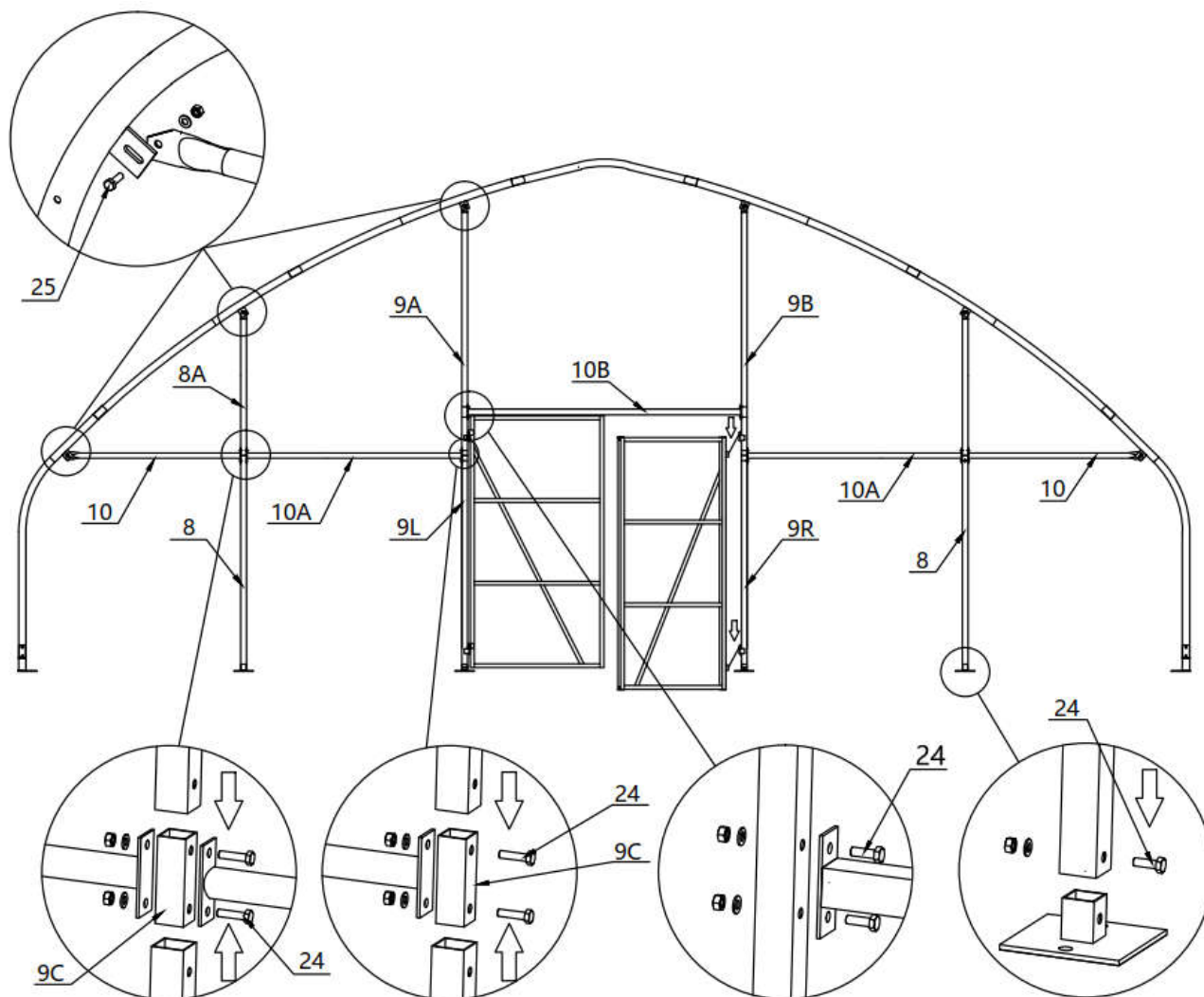
- Install 2 right door frames.



NO.	PART	QTY
12		1x2
12R		1x2
13		4x2
14		5x2

NO.	PART	QTY
21		8x2
27		26x2
29		4x2

STEP 5 : INSTALLATION OF FRONT AND REAR TRUSSES.

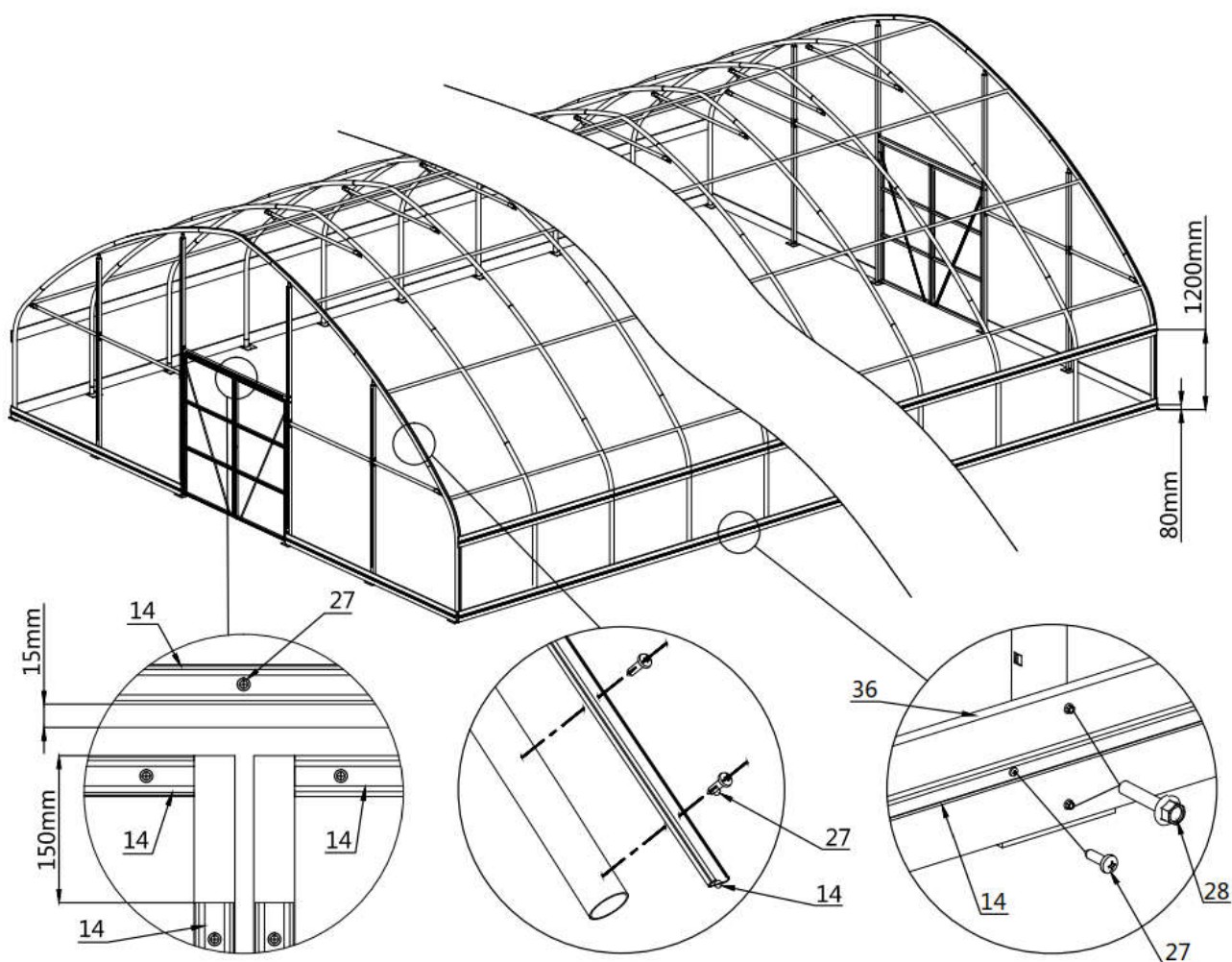


NO.	PART	QTY
8		2x2
8A		2x2
9L		1x2
9R		1x2
9A		1x2
9B		1x2

NO.	PART	QTY
9C		4x2
10		2x2
10A		2x2
10B		1x2
24		16x2
25		6x2

STEP 6 : INSTALL BOARDS (#36) AND REED GROOVE (#14).

- Fix the board (#36) with self tapping screw (#28).
- Fix the reed groove (#14) with the self tapping screw (#27).

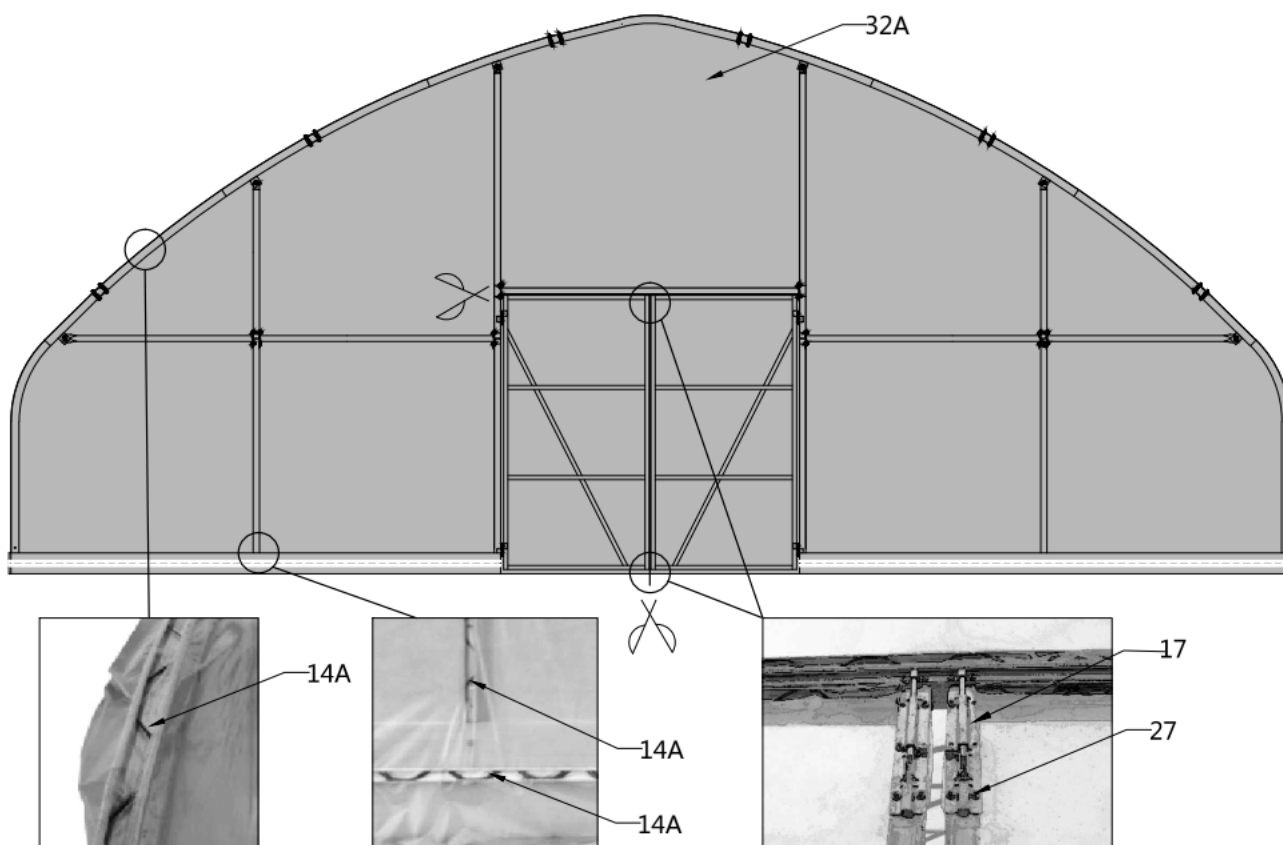


NO.	PART	QTY
14		88
27		440

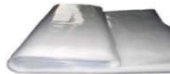
NO.	PART	QTY
28		184
36		58

STEP 7 : INSTALL FRONT AND REAR FILM.

- Lift the film (#32A) and fix the film with a clip spring (#14A) from top to bottom.
- Install door buckle (#17) with self tapping screw (#27).
- Cut the door film as shown.

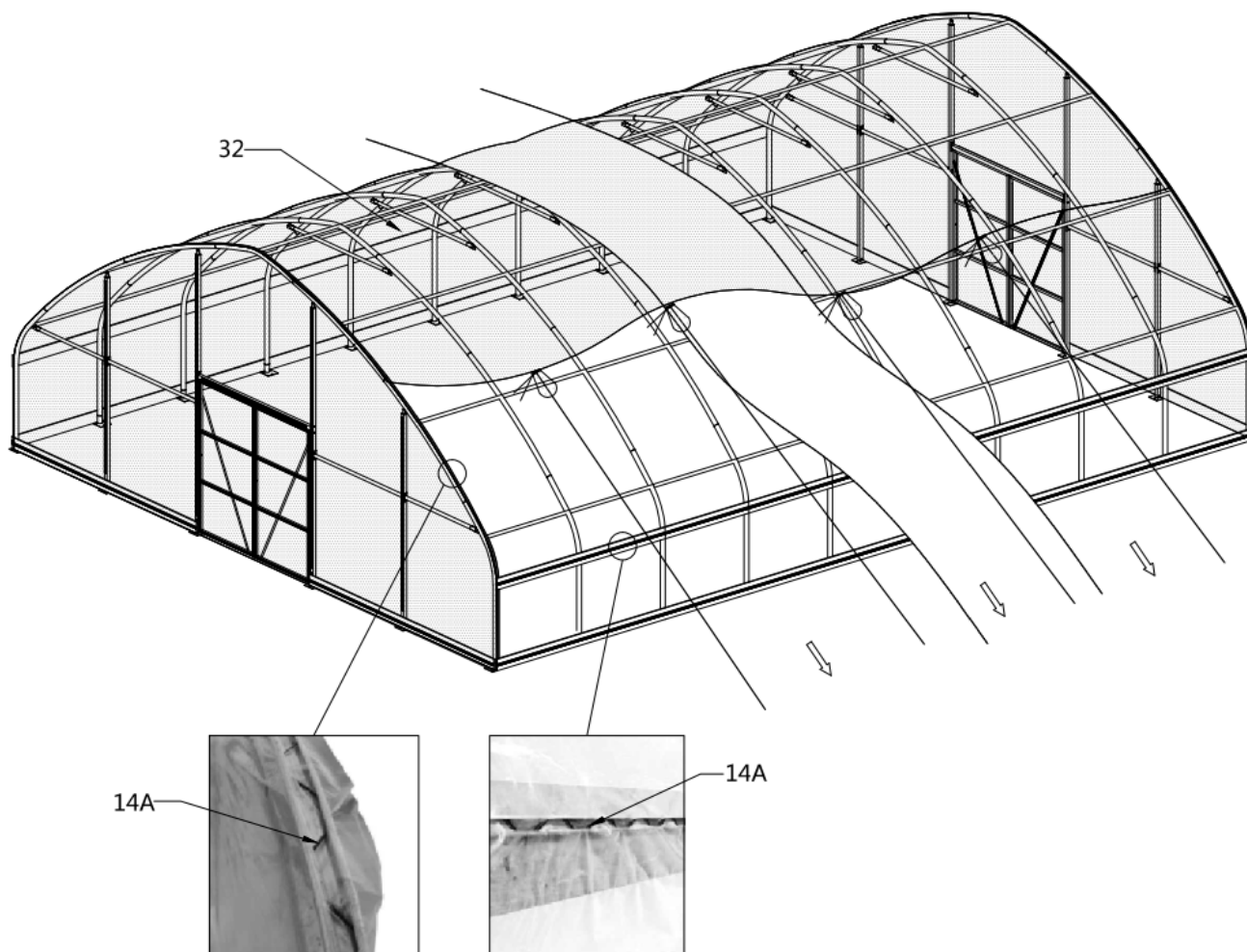


NO.	PART	QTY
14A		27x2
17		4x2

NO.	PART	QTY
27		24x2
32A		1x2

STEP 8 : INSTALL TOP COVER FILM.

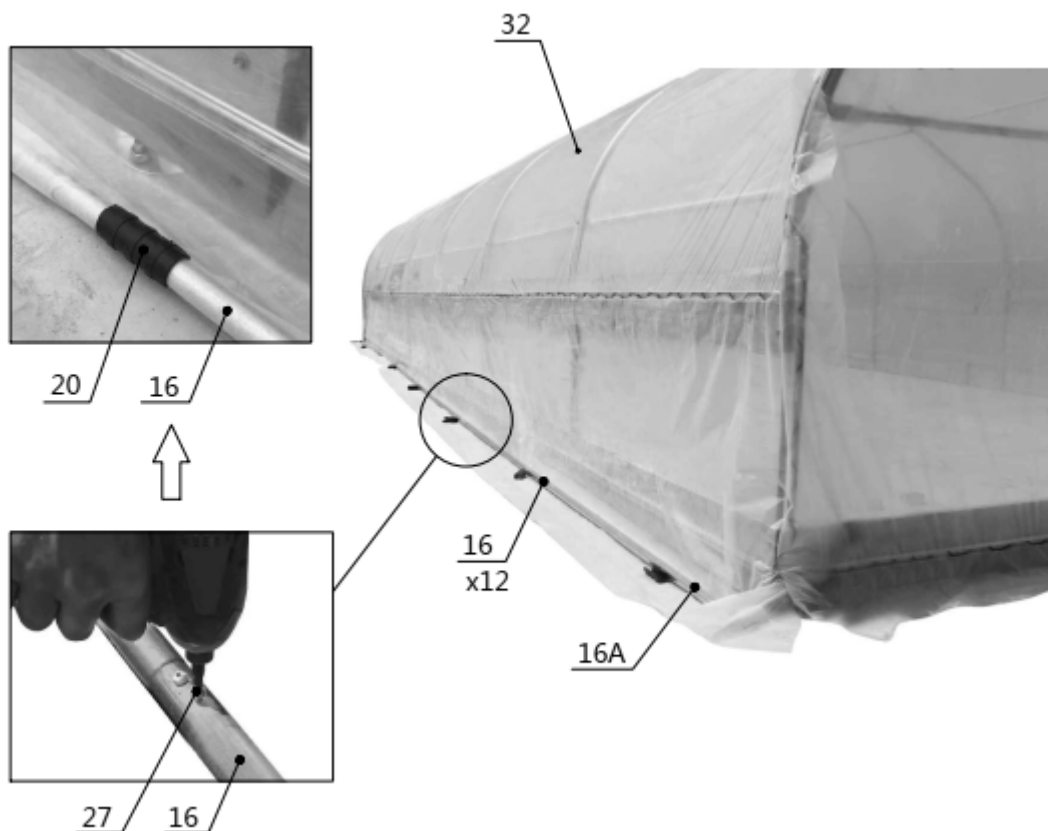
- when you are ready to install the roof cover, unpack the cover and position it parallel to the building frame on one side. the cover must be pulled over the top of the truss frame without being snagged or stressed on any frame members. tighten the film evenly to eliminate wrinkles and make the film flat and smooth. Do not over-tighten during the adjustment process, otherwise it will cause unnecessary damage. At this time, you can install a clip spring (#14A) to fix the film.



NO.	PART	QTY
14A		39
32		1

STEP 9 : INSTALL ROLL FILM SYSTEM.

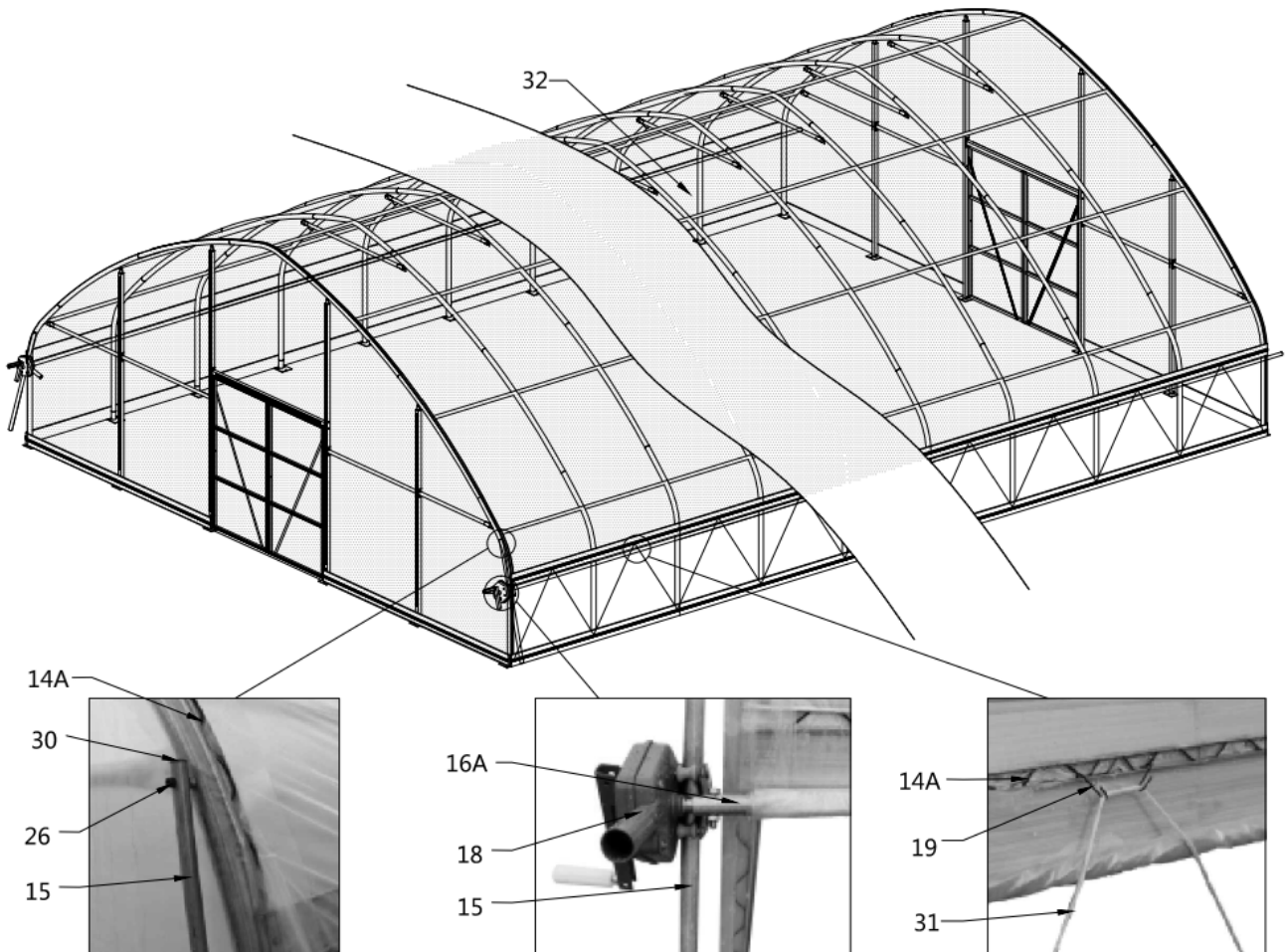
- Install the roll film tube (#16), add a round plug (#30) at the end. the film (#32) is wound on a roll film tube , and clamped with a pressure film carrier (#20).



NO.	PART	QTY
16		24
16A		2
20		40

NO.	PART	QTY
27		48
30		2

- A round plug (#30) is put on both ends of the film rolling machine guide tube (#15), and the guide tube is mounted on the frame with a hex bolt (#26), and it is required to swing freely. The film rolling machine (#18) drives the roll film tube (#16) to be raised and lowered horizontally and flexibly without jamming.
- Install the eight clip spring (#19) and fasten the braided rope (#31).



NO.	PART	QTY
15		2
18		2
19		78

NO.	PART	QTY
26		2
30		4
31		1

AFTER THE INSTALLATION

Walk around and inspect the tunnel greenhouse 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.

We strongly recommend you remove any snow from the roof immediately. Do not leave any snow load on the roof overnight. Keep 3 feet (1 meter) 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.

WARRANTY INFORMATION:

Please refer to our website for detailed warranty conditions and coverage.
For the most up-to-date and comprehensive warranty information, visit www.tmgindustrial.com