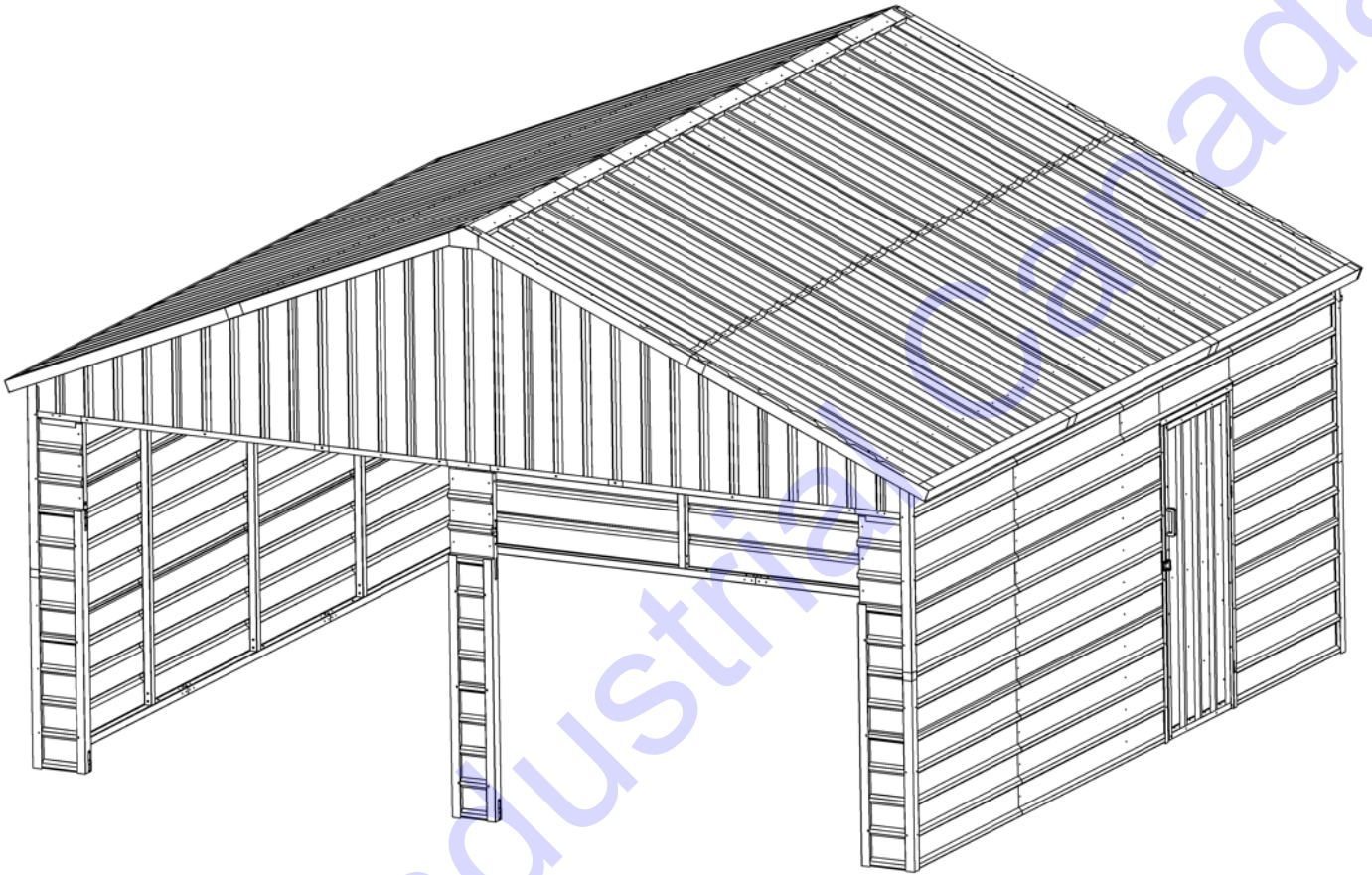


21*19ft Double Garage Metal Shed

Installation Instructions

W253"*D230"*H150"



Thank you for choosing us!
It will take 8-12 hours for 2 people to install.

The product comes in one box. Please install on a leveled place.

Make sure bolt the expansion screws into the ground to prevent the wind from collapsing.

Before Assembly

Building codes: Before construction, please check the local building codes regarding footings, location and other requirements.

Weather: Do not install on any windy or rainy day which may cause damages on the walls and even serious danger to the builders.

Teamwork: You need two or more people to work together to assemble and finish your building.

Parts and Parts List: Check all parts one by one according to the Parts List and make sure no parts are missing.

Note: Extra fasteners are included.

Tips: Distinguish components and accessories by the part numbers while reviewing Parts List. Familiarize yourself with all parts for easier use during construction.

Assembly instructions: Instructions, tips and important information are supplied in this manual. Please read and follow the instructions carefully to finish the assembly correctly and smoothly.

Site Selection & Preparation

Avoid overhanging trees as much as possible as leaves will make regular cleaning necessary and broken branches are a potential hazard. One small trees, bushes or fences nearby can be helpful, acting as a wind break.

The site must be prepared so that the base of the shed is level all round and checking with a spirit level is required. The base can be constructed by treated timber or concrete in order to stop the moisture getting into the shed.

The shed is not designed to be built onto lawn directly. Also the ground will get muddy during rainy days. If a concrete pad is made, it is important that this slopes towards the edges to prevent water.

Time must be allowed for any concrete or cement to dry before building the shed on top. Measure the base size first before building.

Bases can also be constructed from bricks, blocks, or mounted on a concrete pad. The bricks or blocks should be cemented onto firm and level concrete footings.

Installation Notes

Please check the quantity of all parts before installation (refer to the Parts Lists) and the appearance of the products. Make sure the product is correct before installation.

Make sure the colored panels are facing outwards and all the holes match. The panels are textured, please install the panels in the order specified in the instructions. All lines and holes should be matched to make the storage shed more stable.

For waterproof purpose, pls make sure use waterproof gaskets for each screw. Waterproof tape must be applied when assembling the ridge.

Please ensure that all screws are tightened to prevent the product from falling apart. There is a protective film on the surface to protect the product, you can keep it to protect or tear it off after installation.



Safety Precautions

We recommend two adults to complete the installation. Two adults installed together will make the installation process easier and safer.

The gloves must be carried to prevent handcuts during installation. Take care when using power tools near water. Please use the electric driver carefully during screwing to prevent the screw from slipping and hurting your hand.

Be careful not to fall when installing the roof. Please steady the ladder and make sure the product placed on a flat ground.

Please prepare below tools before installation. (Not Included)



Electric Screwdriver



+ Manual Screwdriver



Ladder



Spanner

Package included Tools



Gloves X 1 Pair

MAINTENANCE:

Finish: Clean and wax the exterior surface periodically for a longer usage life. Touch up any scratches on the shed following steps: a) immediately clean the area with a wirebrush; b) was hit and apply touch-up paint which is applicable.

Roof: keep roof clear of leaves or snow with long handled, soft-bristled broom. Heavy snow on roof may damage the building and make it unsafe to enter.

We recommend you purchase other strengthening kits or take other protection measures if needed to protect the shed against heavy snow accumulation

Fasteners: Use all washers supplied to protect against weather infiltration or scratches by screws.

Regularly check your building for any loose screws, bolts, nuts, etc. and re-tighten them as necessary.

Moisture: It is highly recommended that a moisture proof pad displaced above the entire floor area with good ventilation to reduce condensation.

(Note: the moisture proof pad is not included in the packaging and needs to be purchased separately) .

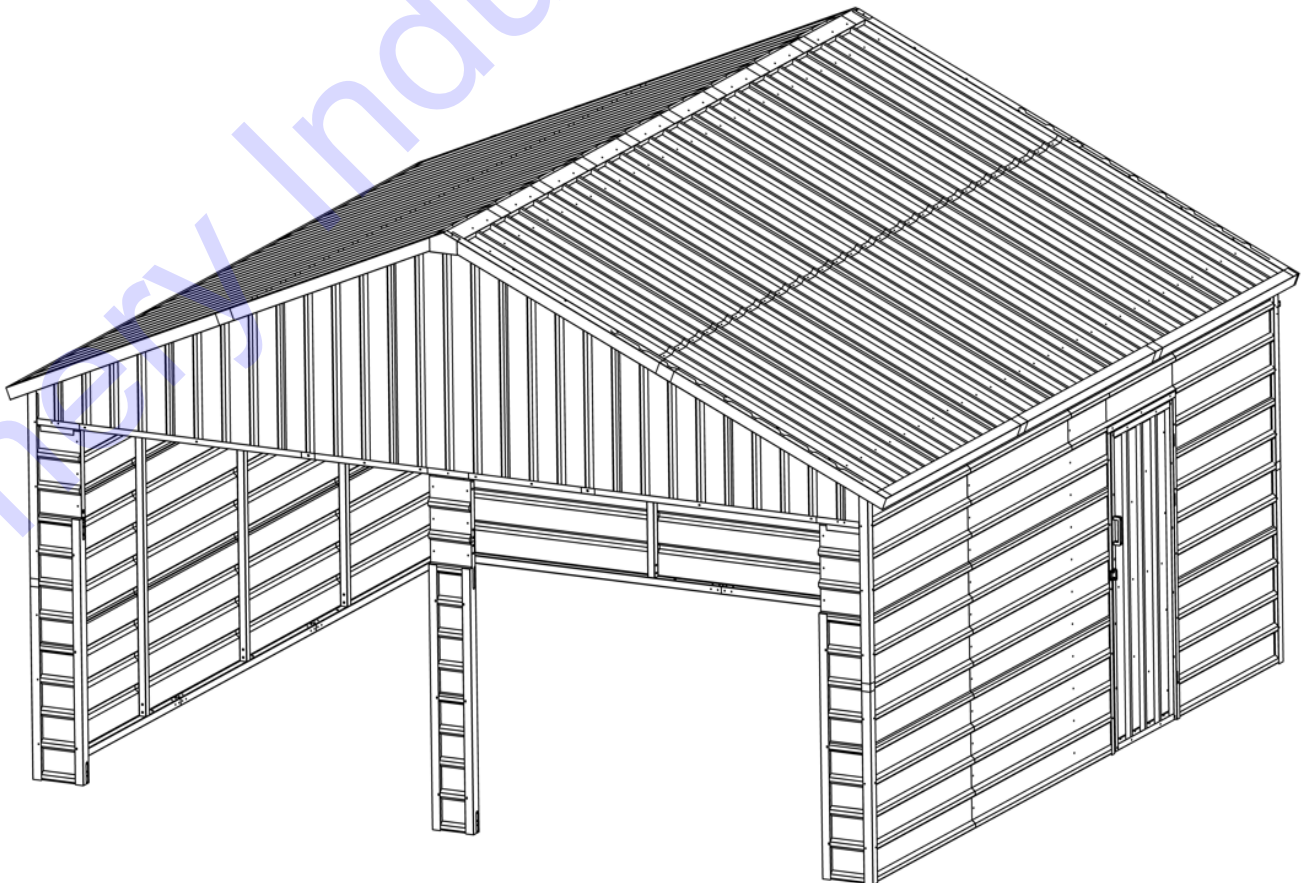
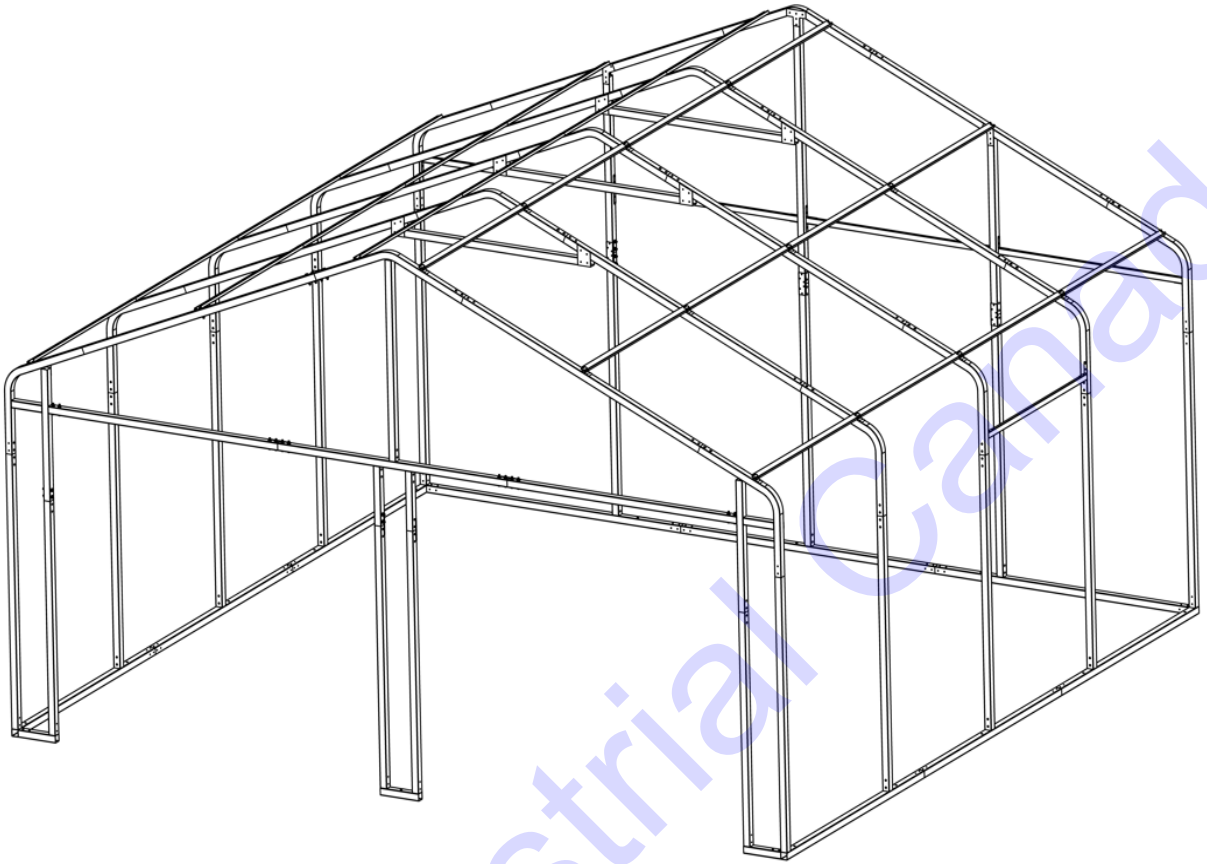
Other tips & notes:

- Inked part numbers on coated panels could be washed off with soap and water.











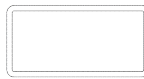
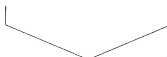

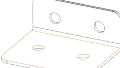



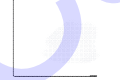











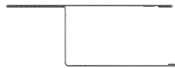



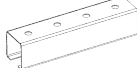
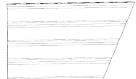

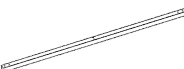

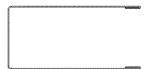


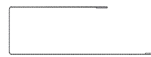







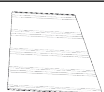




- Silicone caulking maybe used for watertight seals throughout the building.

- Do not store any swimming pool chemicals in your shed. Combustibles and corrosives must be stored in airtight approved containers before storing in the shed.

FRAME STRUCTURE DIAGRAM



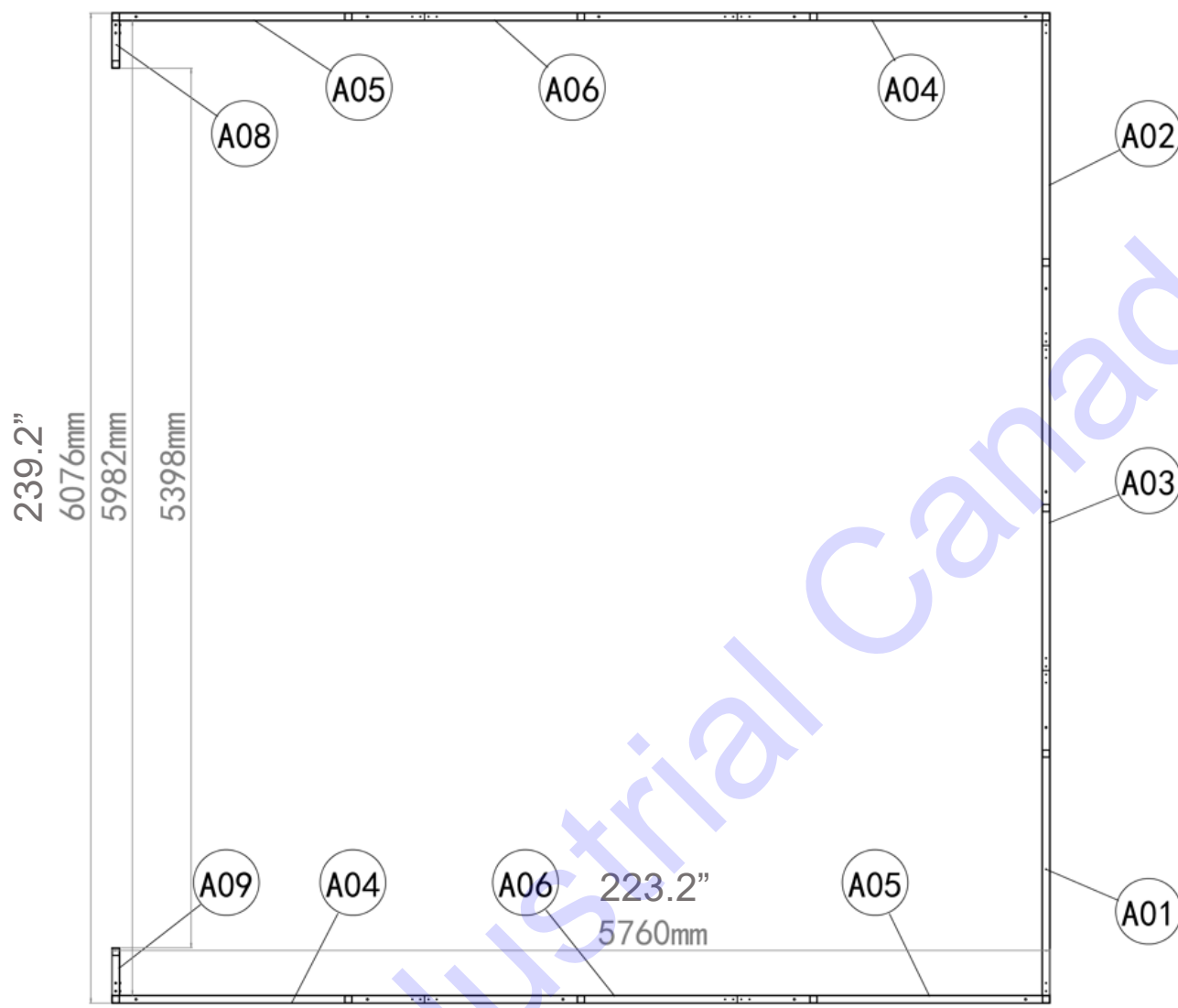
Parts List (1)

Part	No	Qty	Part	No	Qty	Part	No	Qty
	A01	1		B22	12		T08	2
	A02	1		B23	6		T09	4
	A03	1		B24	24		T10	2
	A04	2		B25	1		T11	10
	A05	2		B26	30		T12	8
	A06	2		W01	14		T13	6
	A07	1		W02	14		T14	2
	A08	1		W03	18		T15	26
	A09	1		W04	8		T16	1
	B01	10		W05	4		T17	1
	B02	5		W06	2		T18	1
	B03	35		W07	2		T19	1
	B04	10		W08	2		T20	2
	B05	4		W09	2		T21	1
	B06	4		W10	2		T22	1
	B07	2		W11	2		T23	2
	A10	2		W12	2		T24	2
	A11	1		W13	2		T25	2

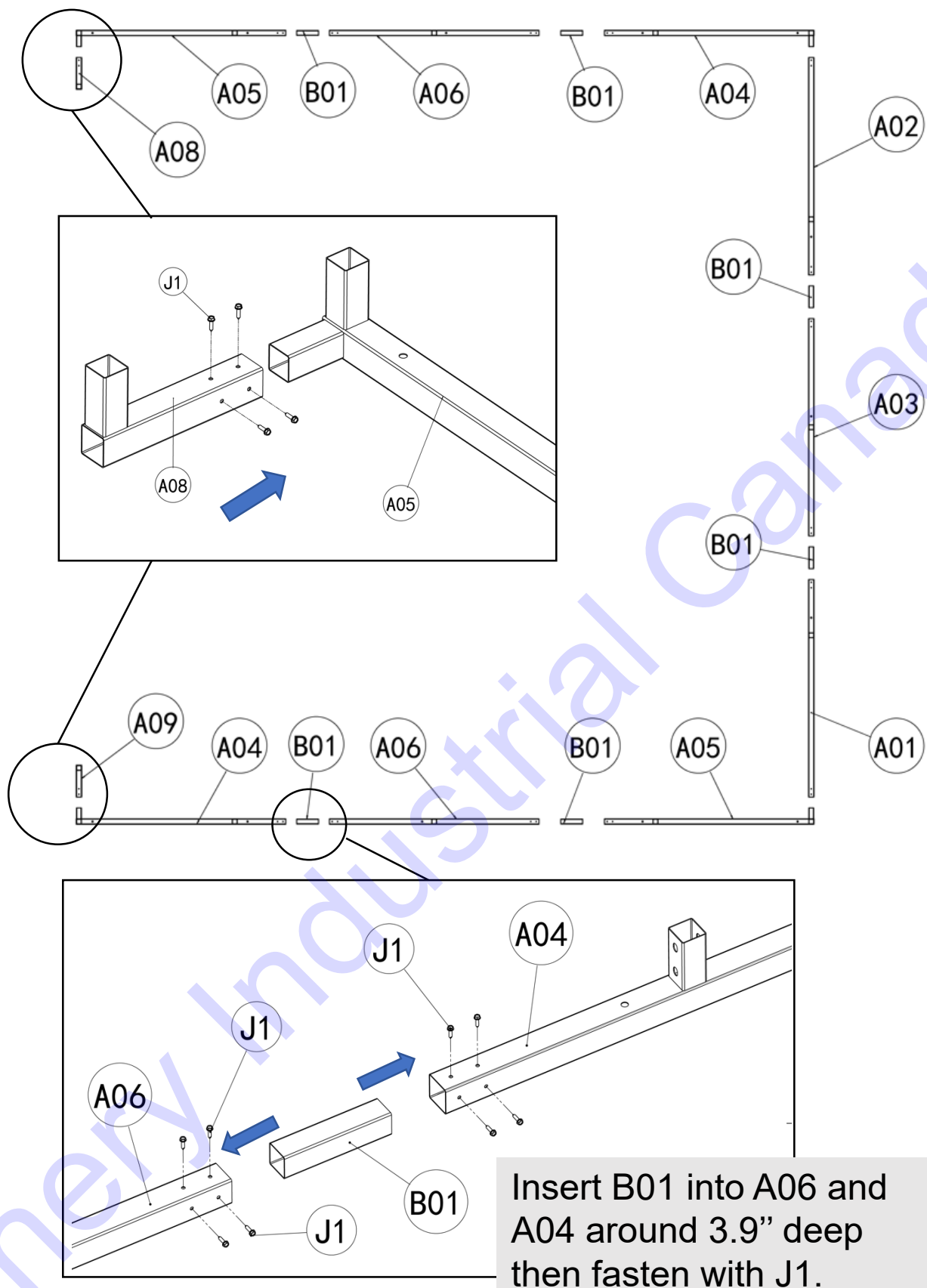
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

	B09	2		W15	4		H	1
	B10	2		W16	2		J1	1052
	B11	1		W17	2		J2	217
	B12	2		W18	1		J3	217
	B13	4		W19	3		J4	217
	B14	16		W20	1		F1	26
	B15	3		T01	4		F2	16
	B16	2		T02	4		F6	16
	B17	1		T03	1		F17	2
	B18	4		T04	1		F12	2
	B19	2		T05	4		F11	22
	B20	6		T06	1		S1	3
	B21	3		T07	4		GB	1
	D9	1		J5	15		G1	8
	B35	7		F7	1052	B36		2

STEP 1 : FOOT TUBE AND BASE PLATE INSTALLATION.



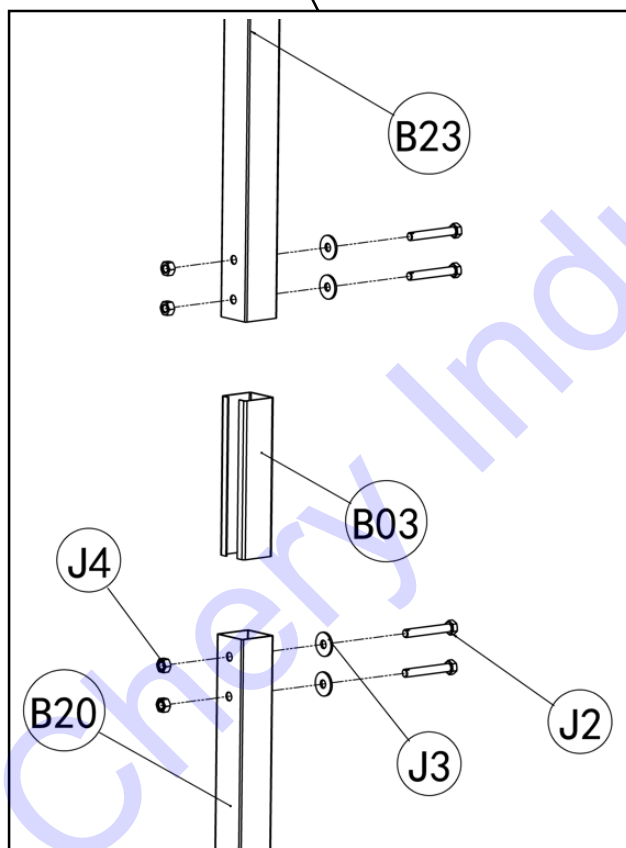
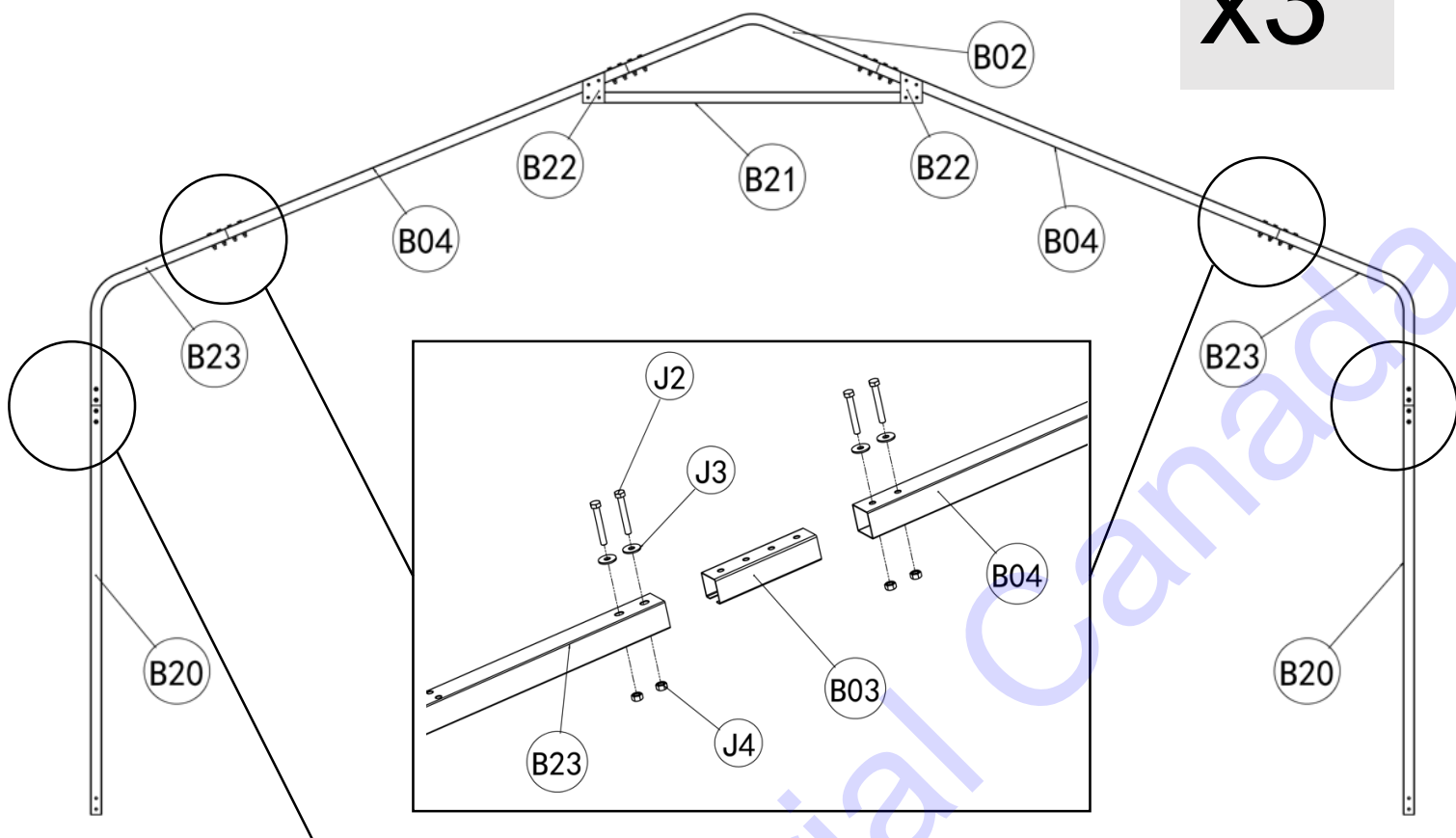
Part	No	Qty
A01		1
A02		1
A03		1
A04		2
A05		2
A06		2
A08		1
A09		1



Part	No	Qty
B01		6
J1		64

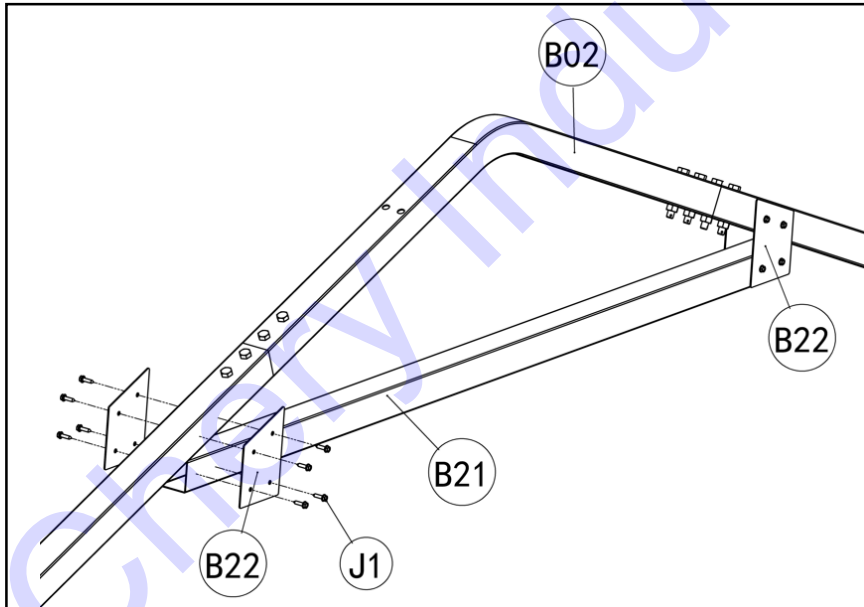
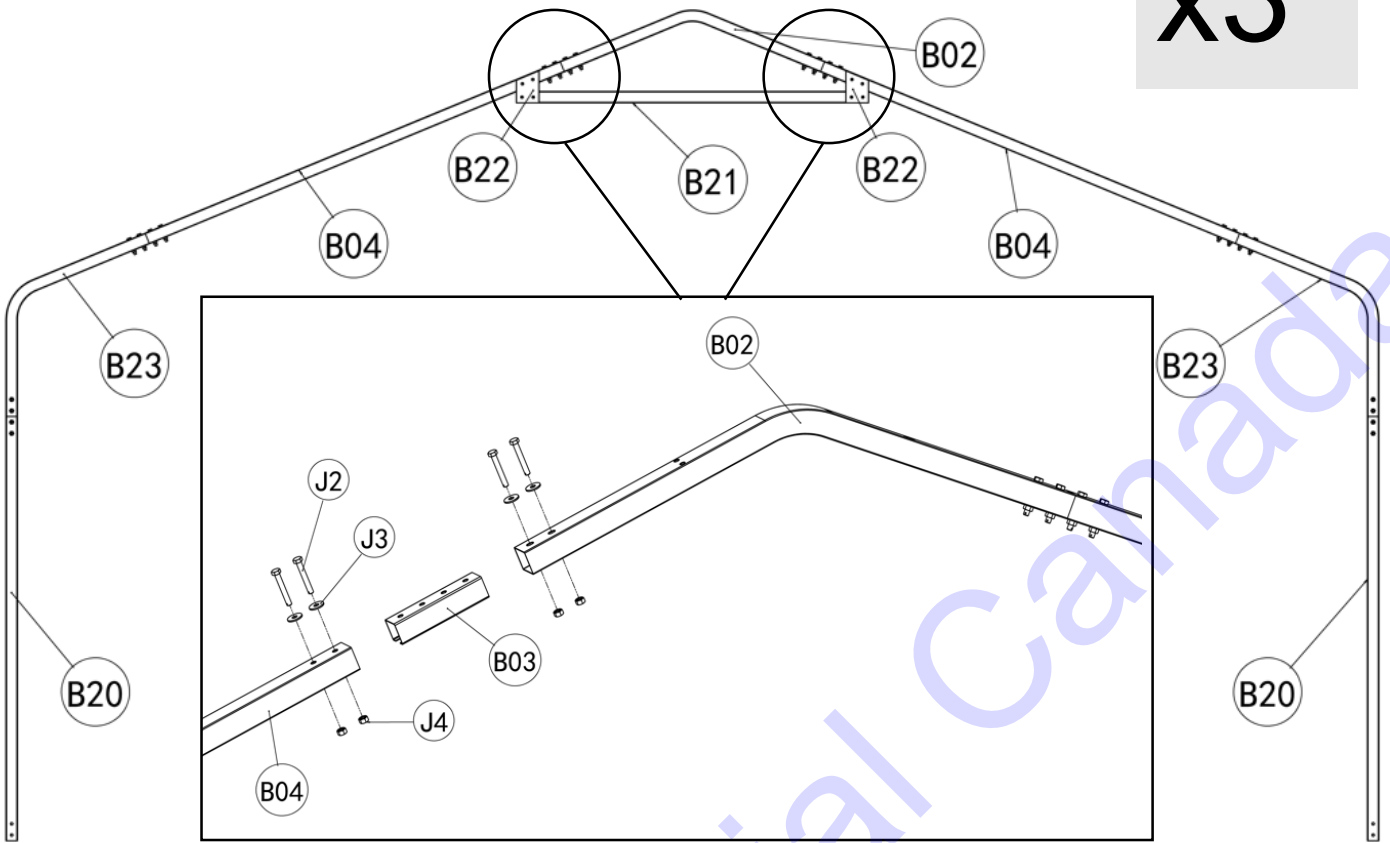
STEP 2 : Install The Middle Arch Frame

x3

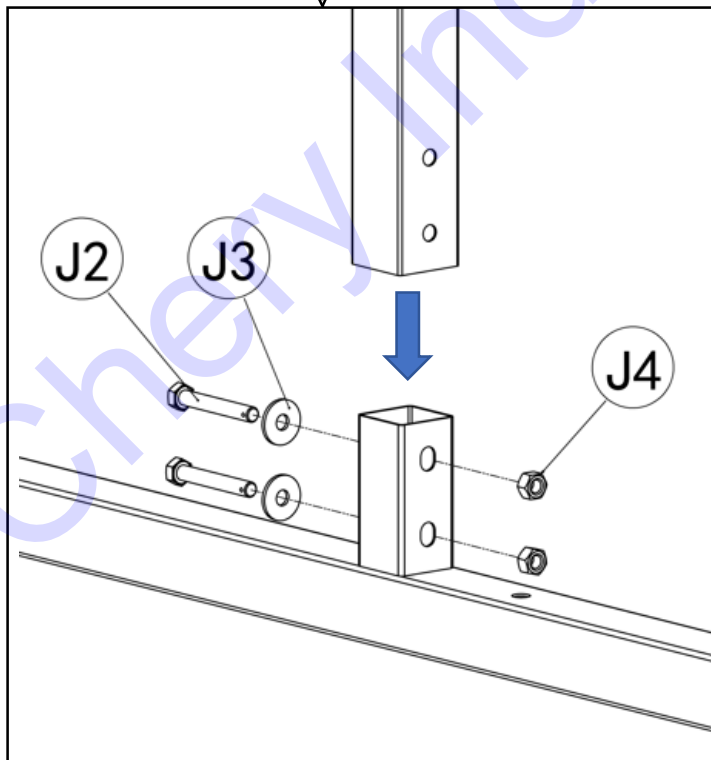
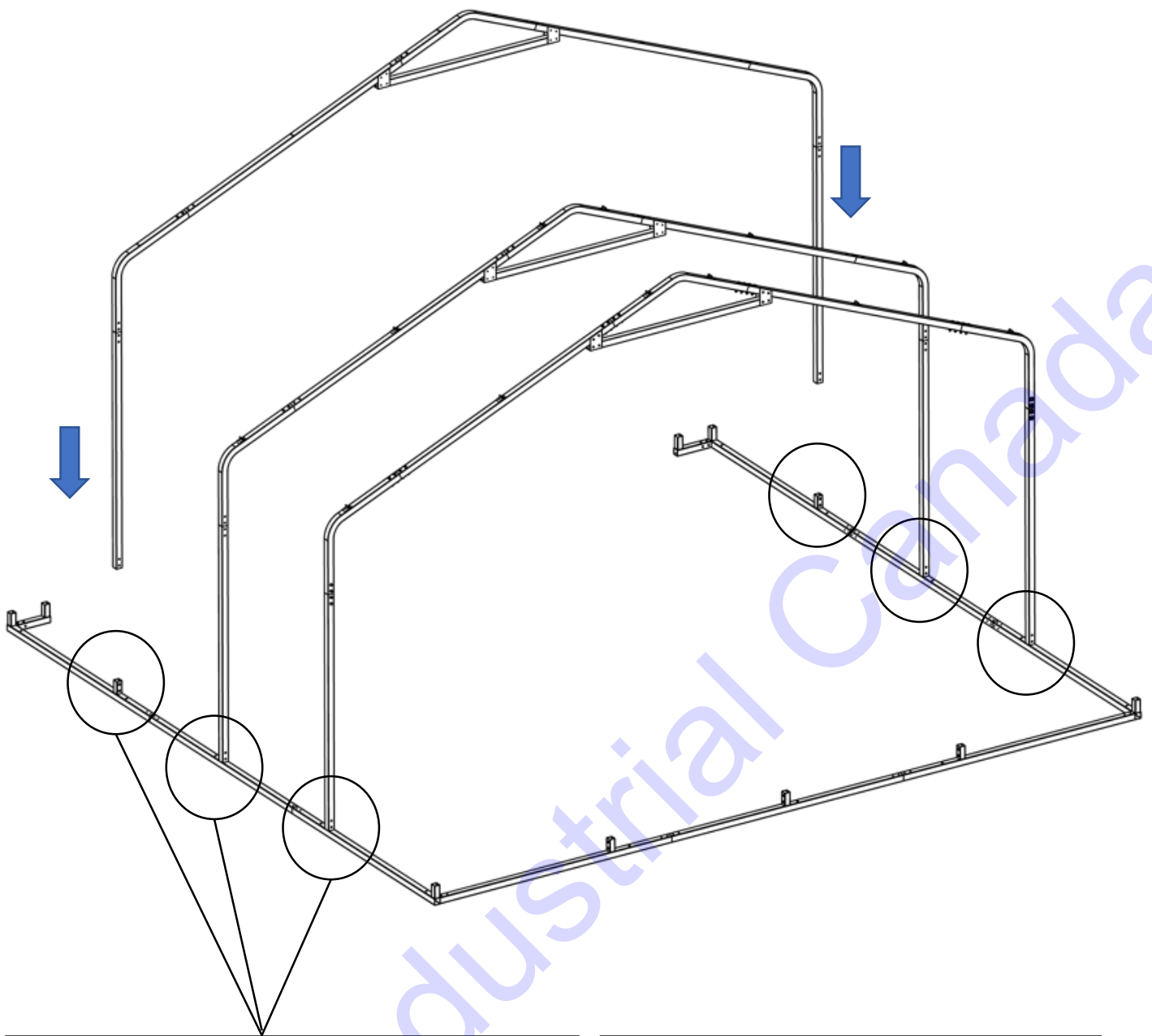


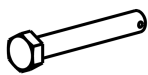


Part	No	Qty
B02		3
B03		12
B04		6
B20		6
B21		3
B22		12
B23		6
J2		48
J3		48
J4		48

x3



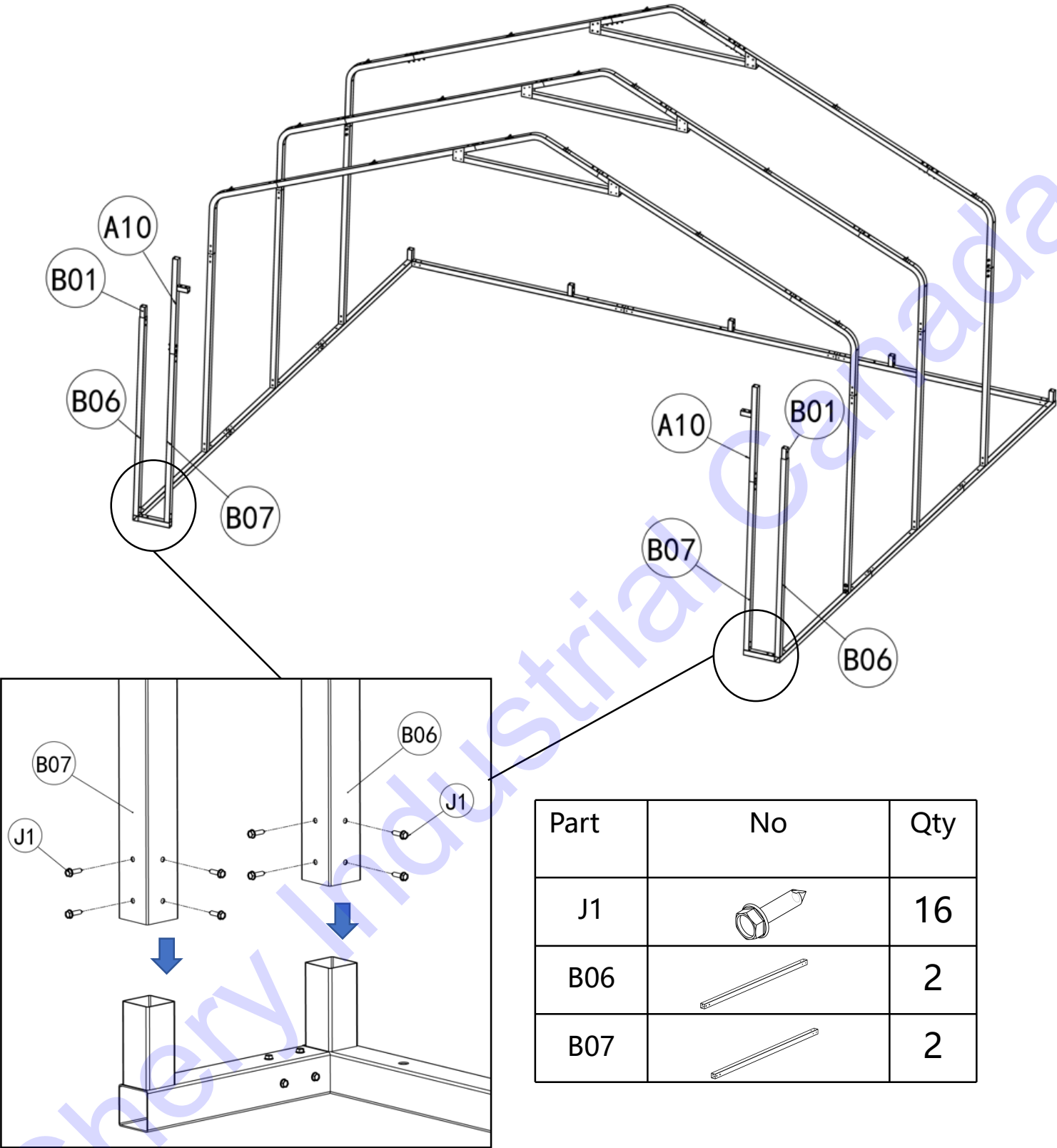
Part	No	Qty
B03		6
J2		24
J3		24
J4		24
J1		48

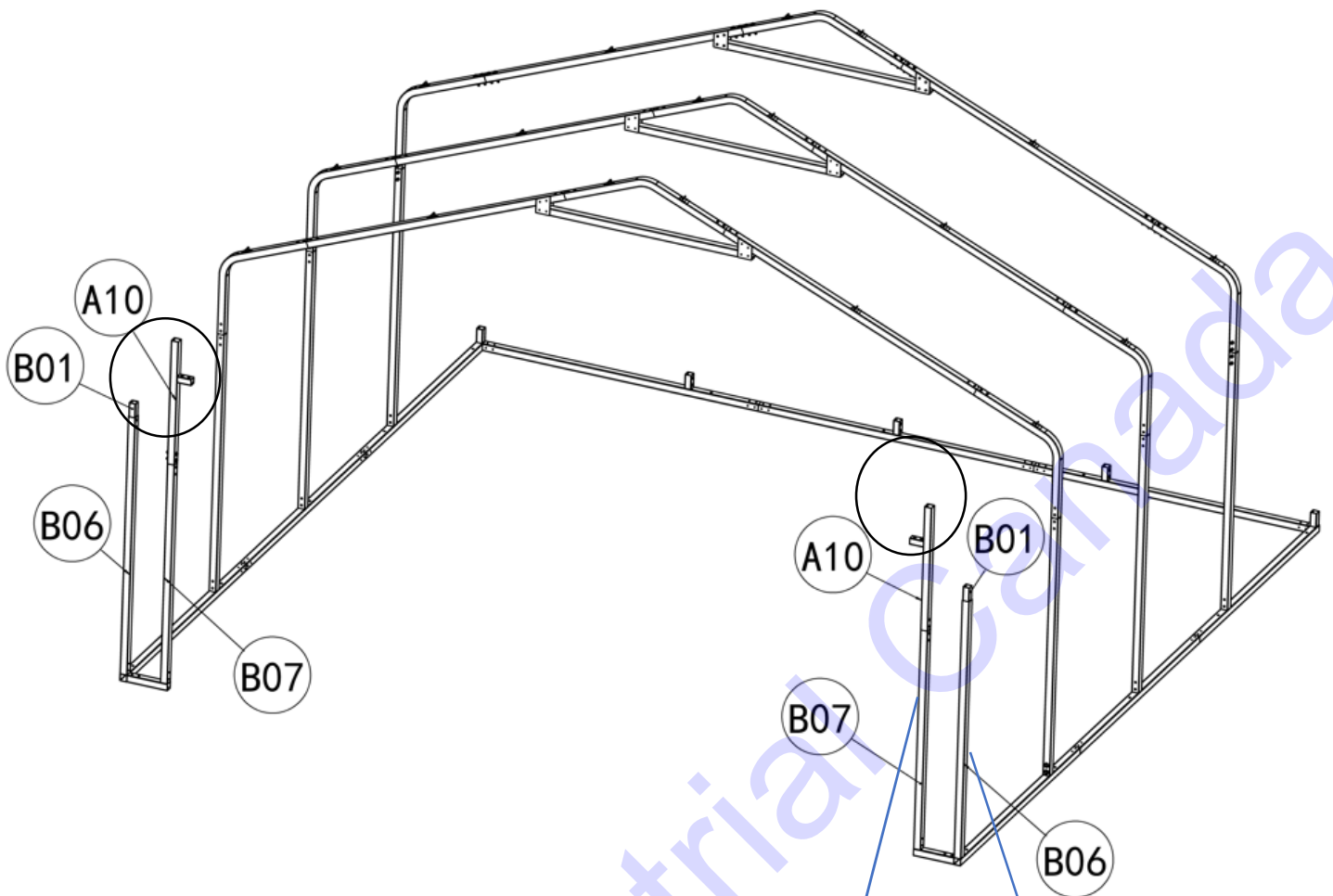


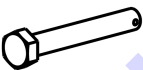



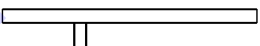


Part	No	Qty
J2		12
J3		12
J4		12

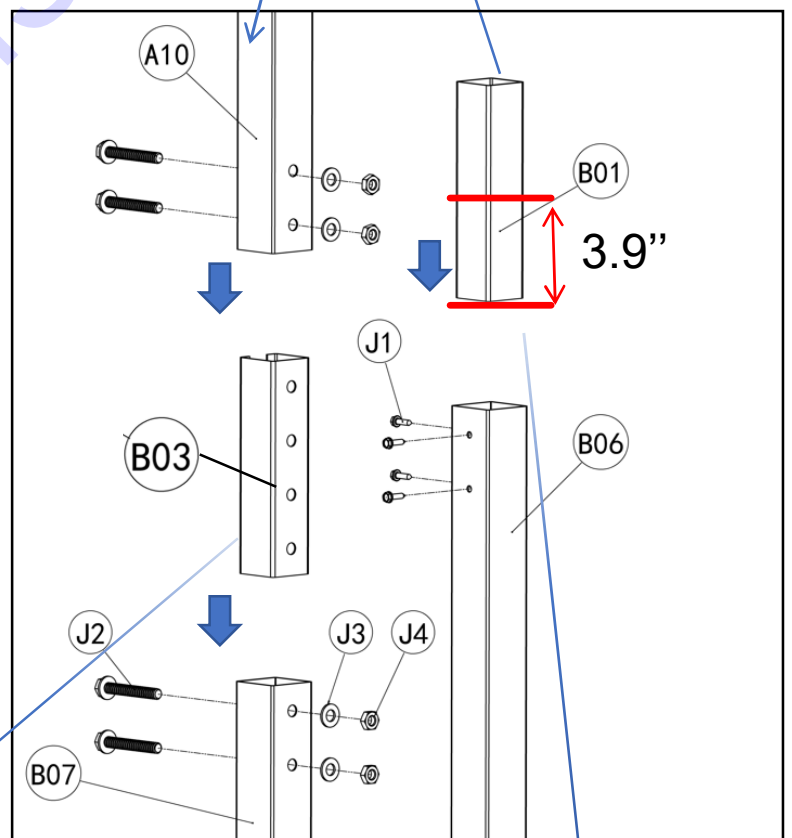
Note: Two people are required to lift the arch frame together and insert the pipe fitting.

STEP 3 : Install The Front Arch Frame



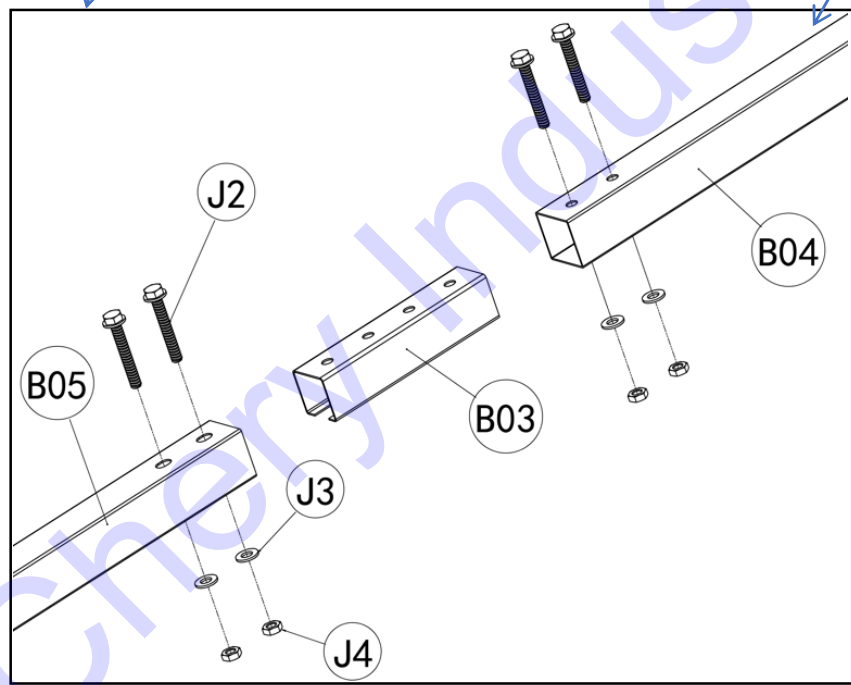
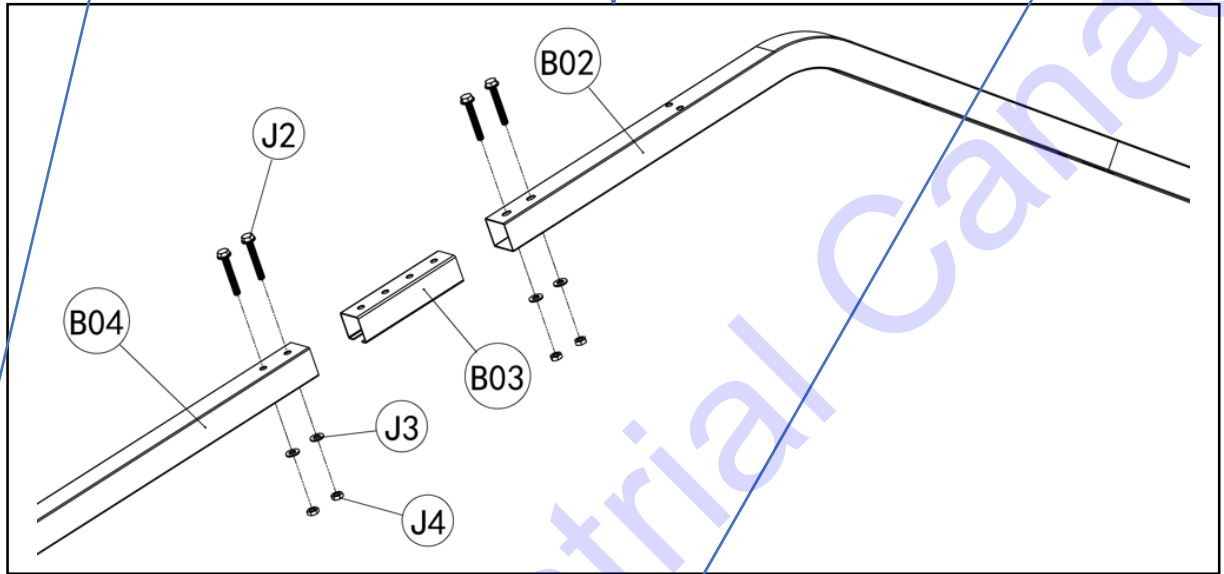
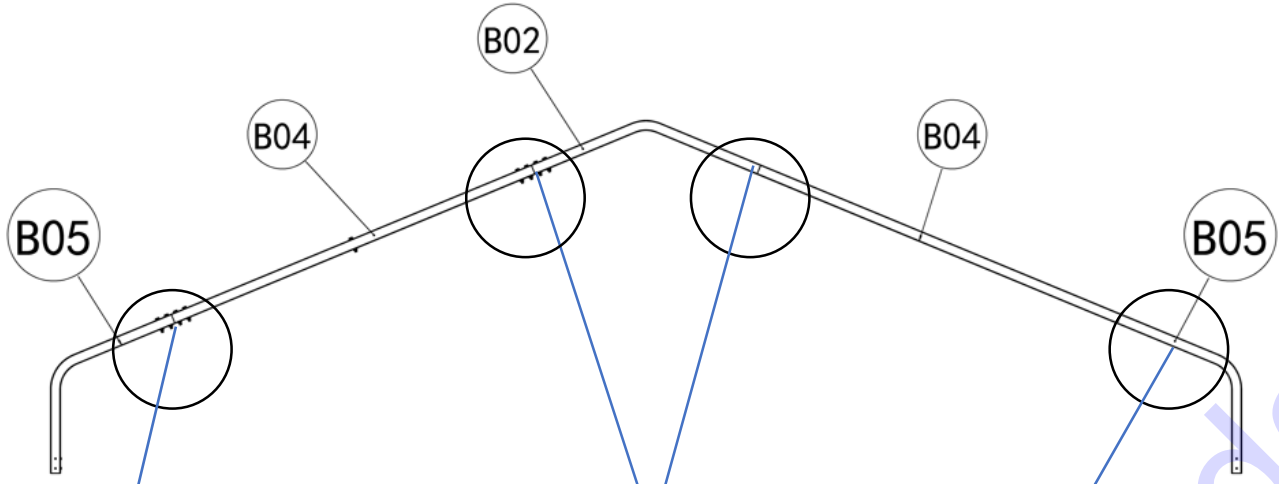


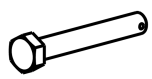



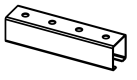
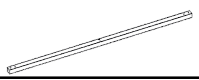

Part	No	Qty
J2		8
J3		8
J4		8
J1		8
A10		2
B01		2
B03		2

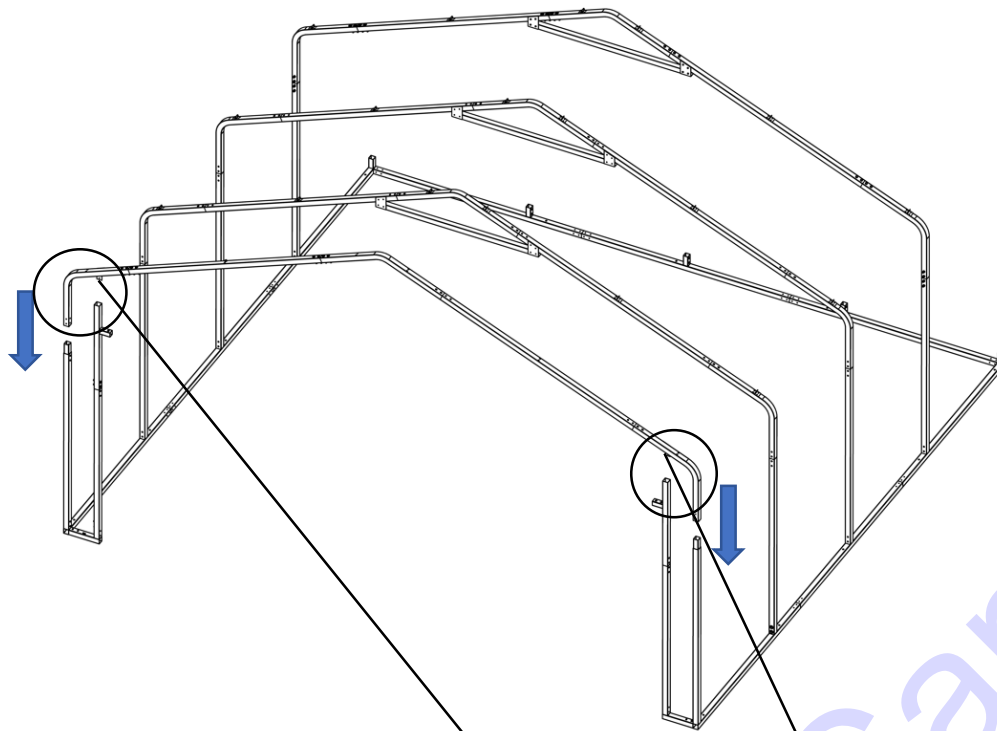


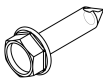
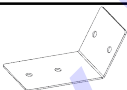
Insert B3 into B07 and A10 then fasten with J2,J3,J4.

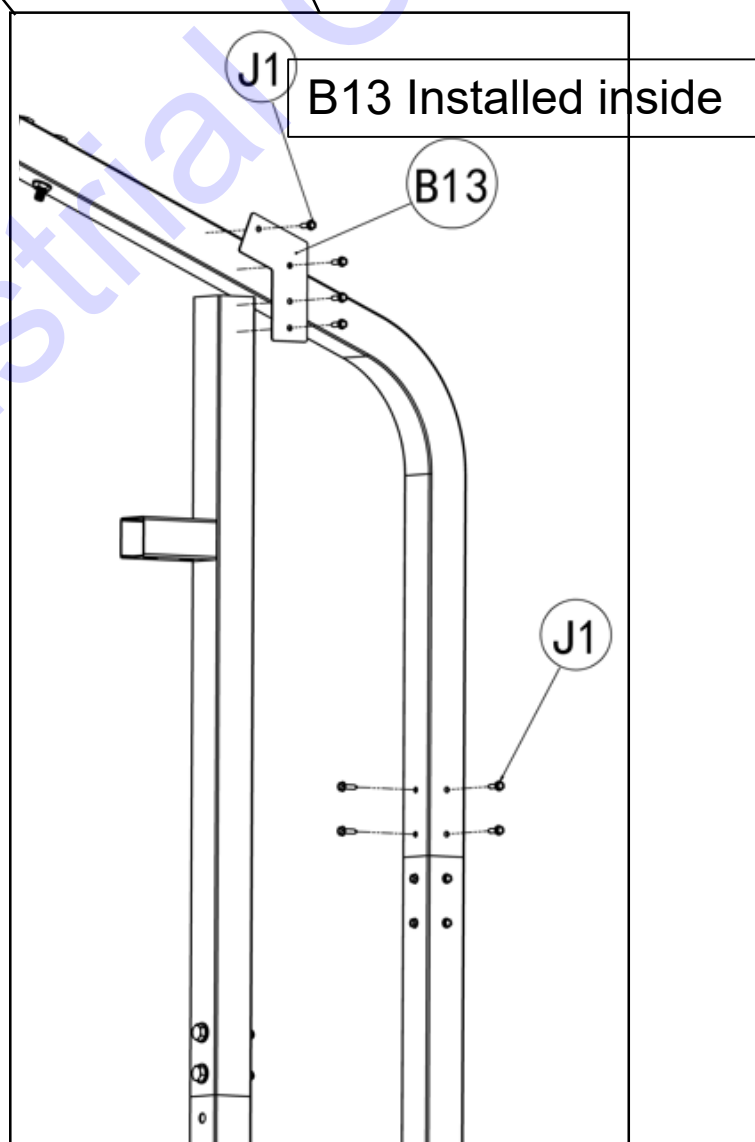
Insert B01 into B06 around 3.9" deep then fasten with J1.

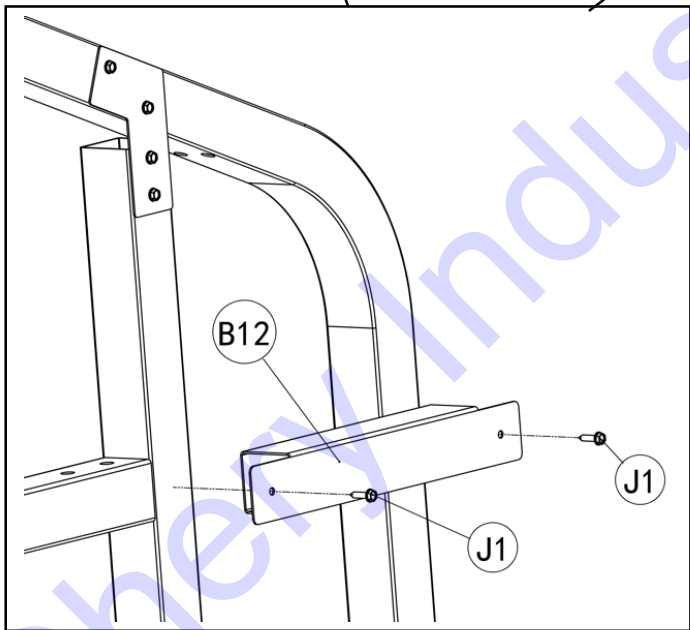
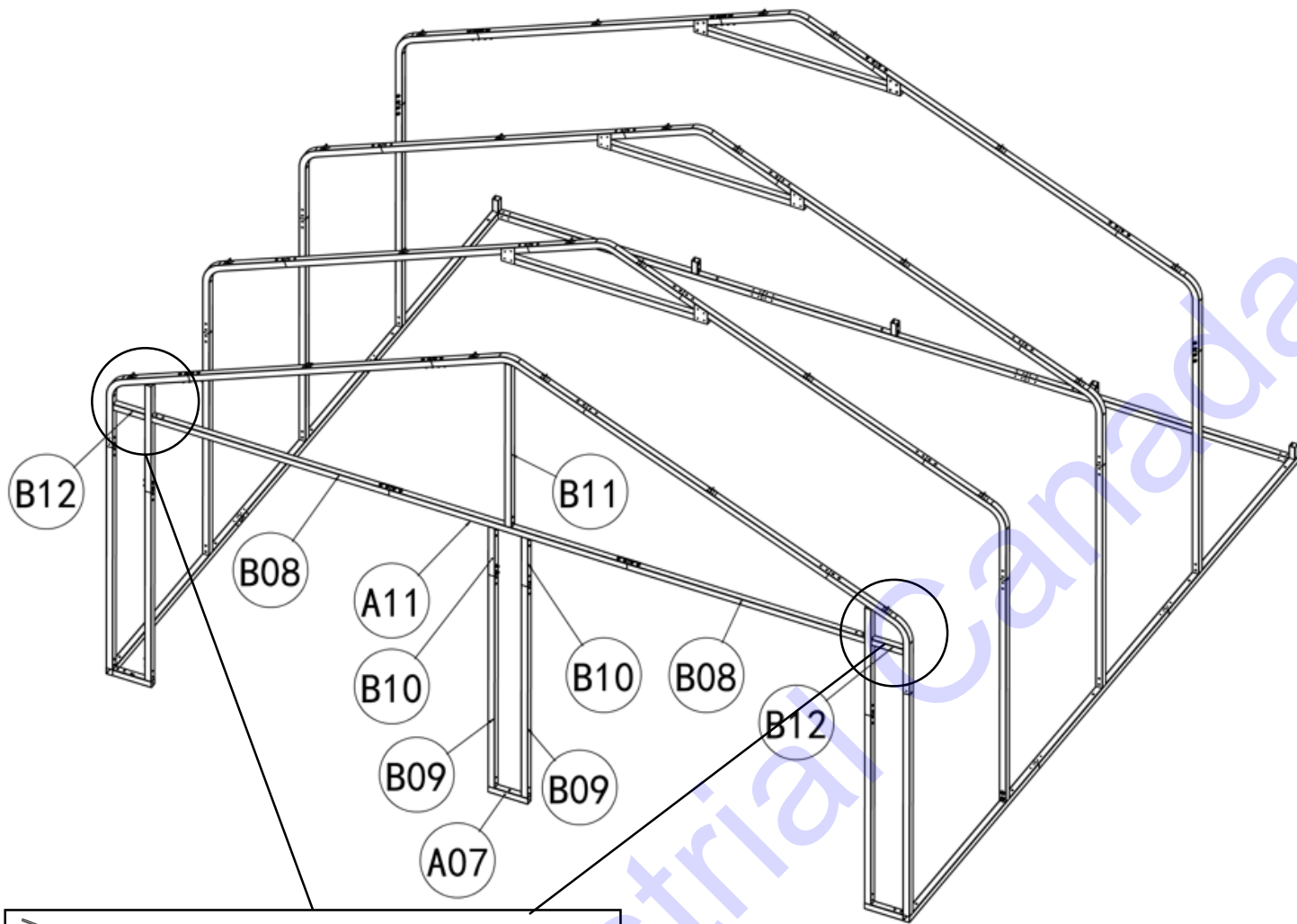


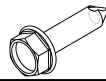

Part	No	Qty
J2		8
J3		8
J4		8
B02		1
B03		4
B04		2
B05		2

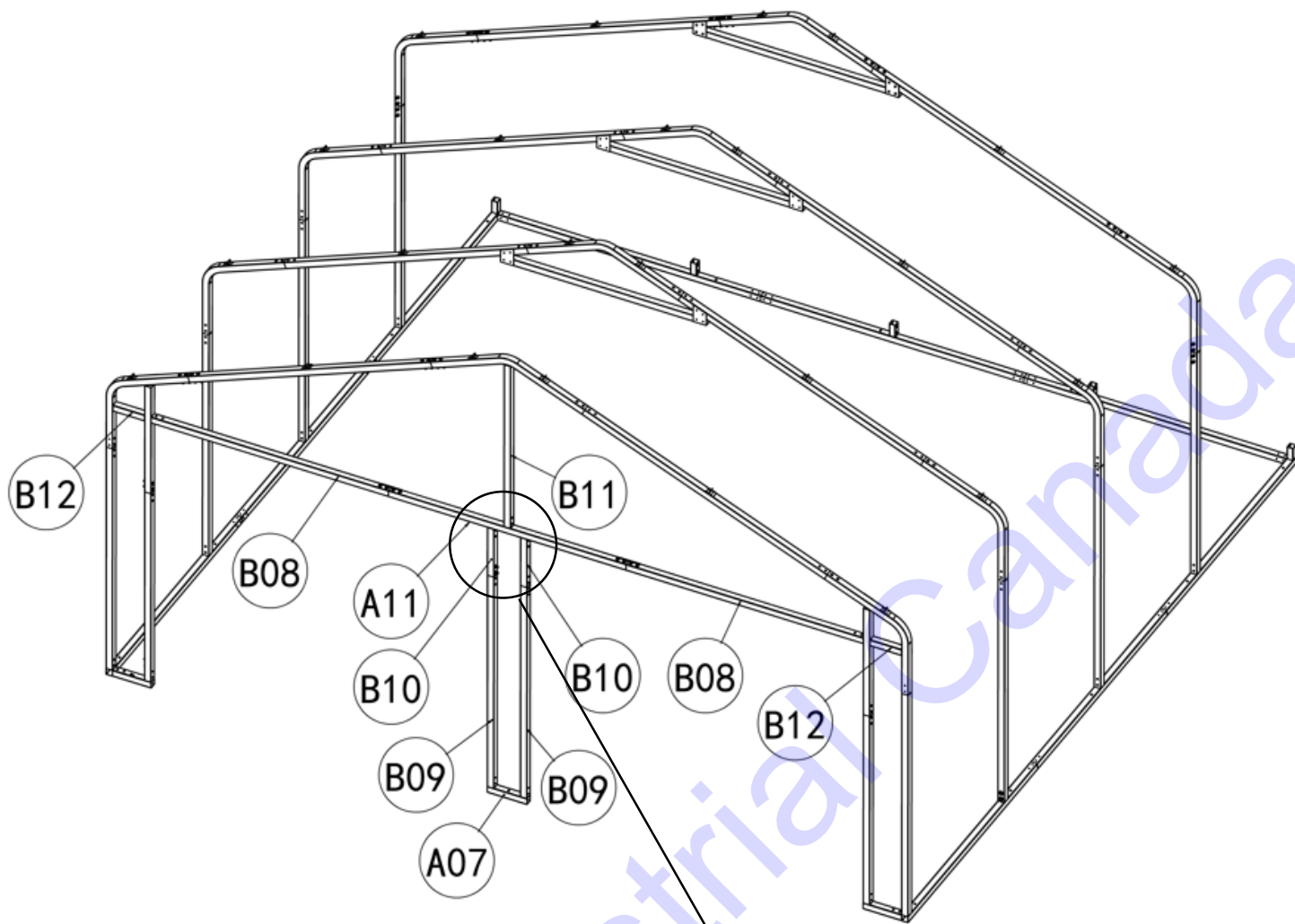


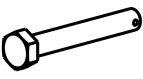




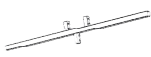
Part	No	Qty
J1		12
B13		2

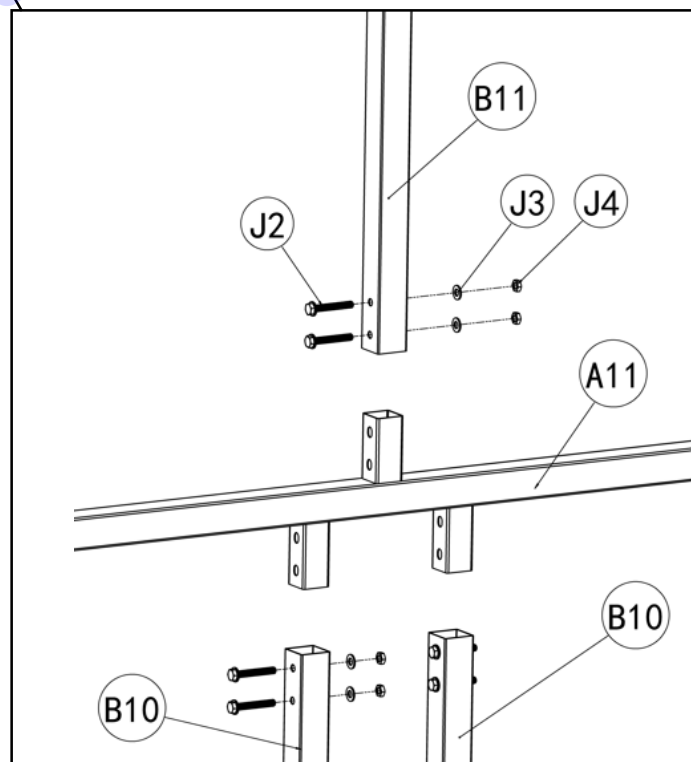


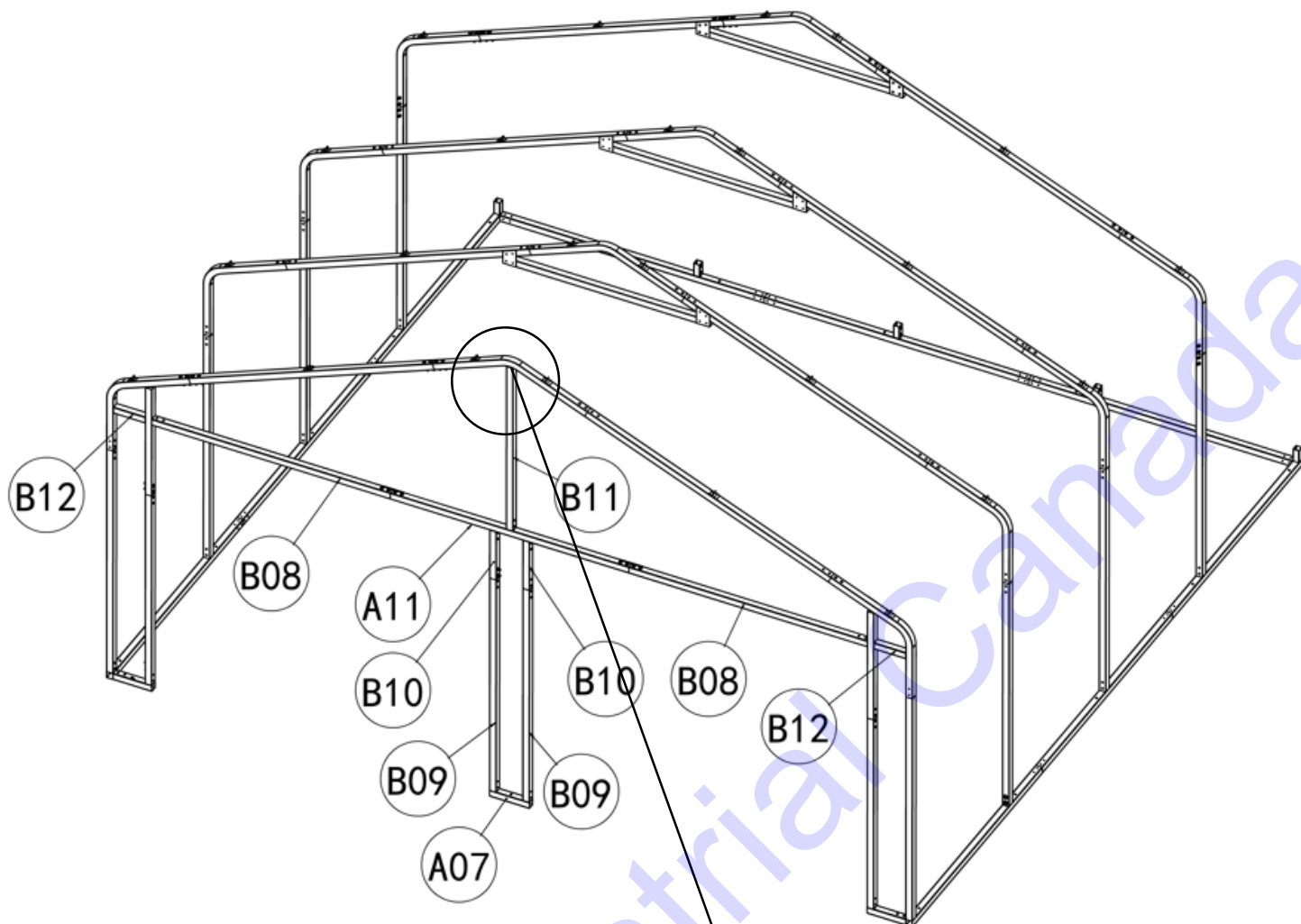


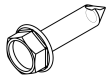
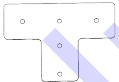
Part	No	Qty
J1		4
B12		2

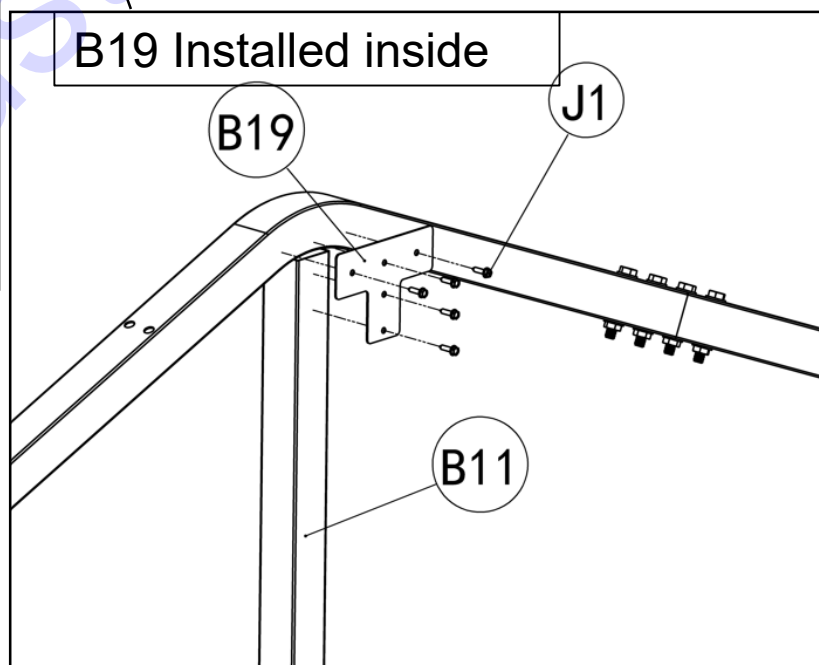


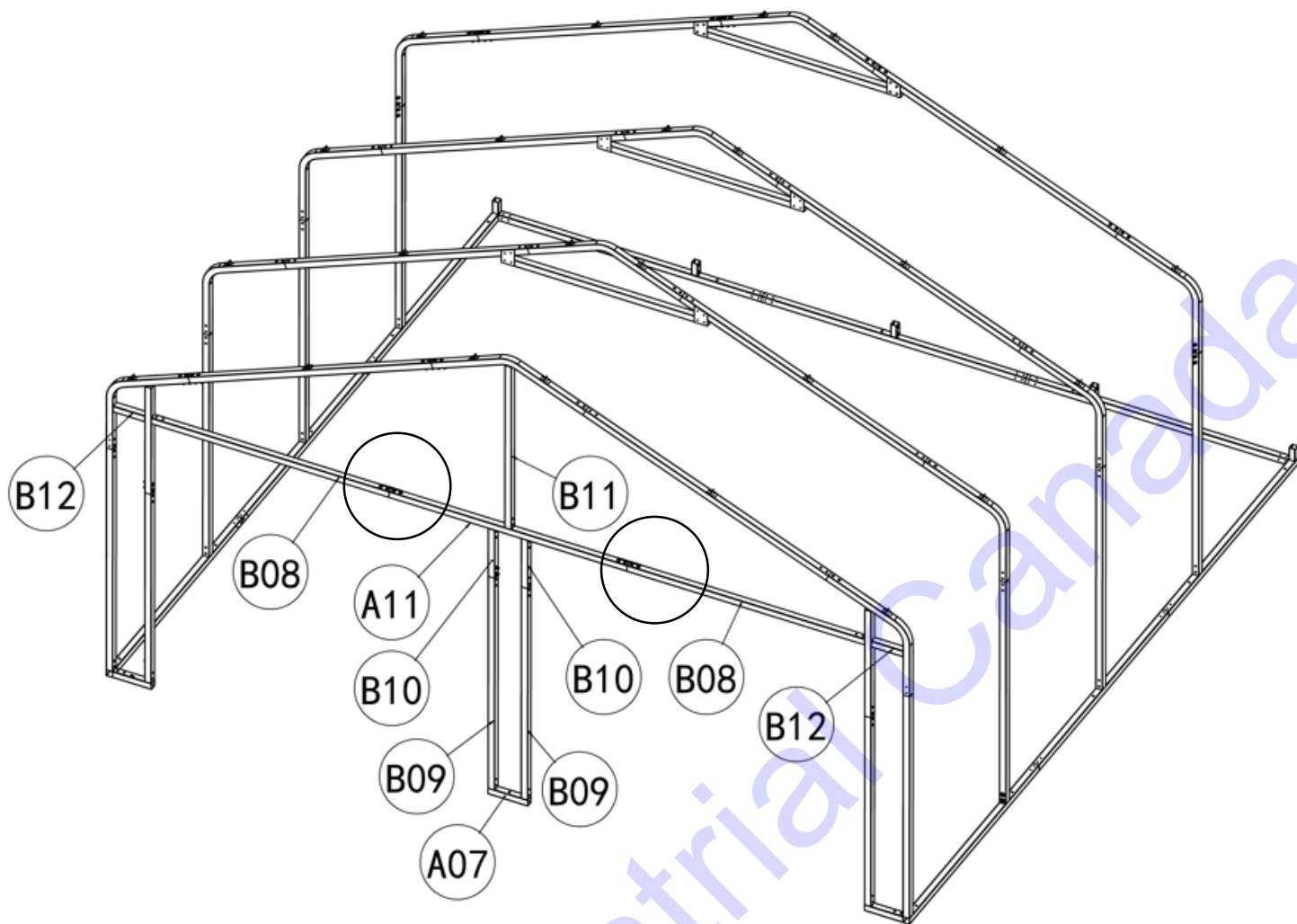
Part	No	Qty
J2		8
J3		8
J4		8
B11		1
B10		2
A11		1

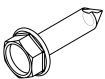
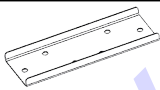



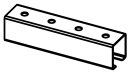




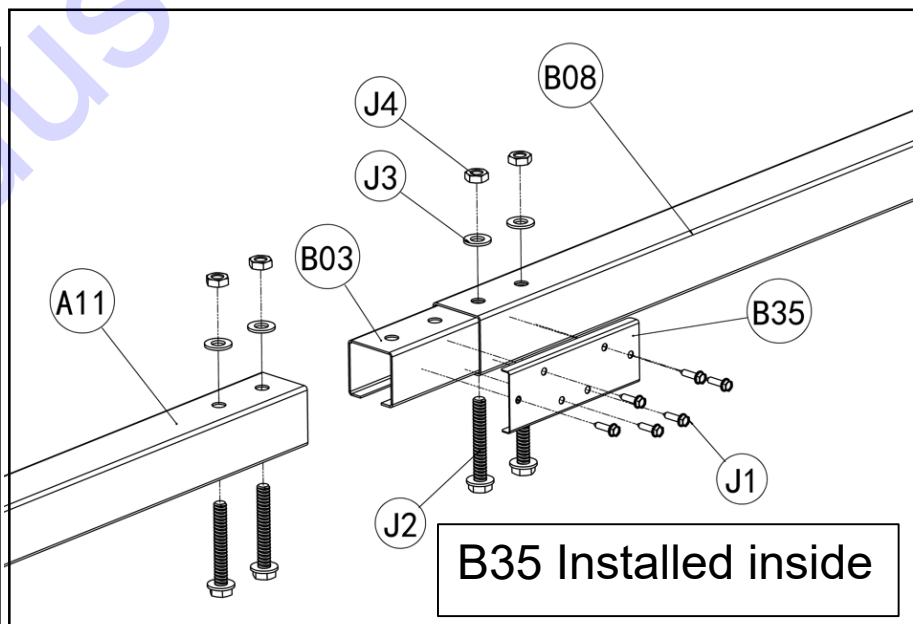


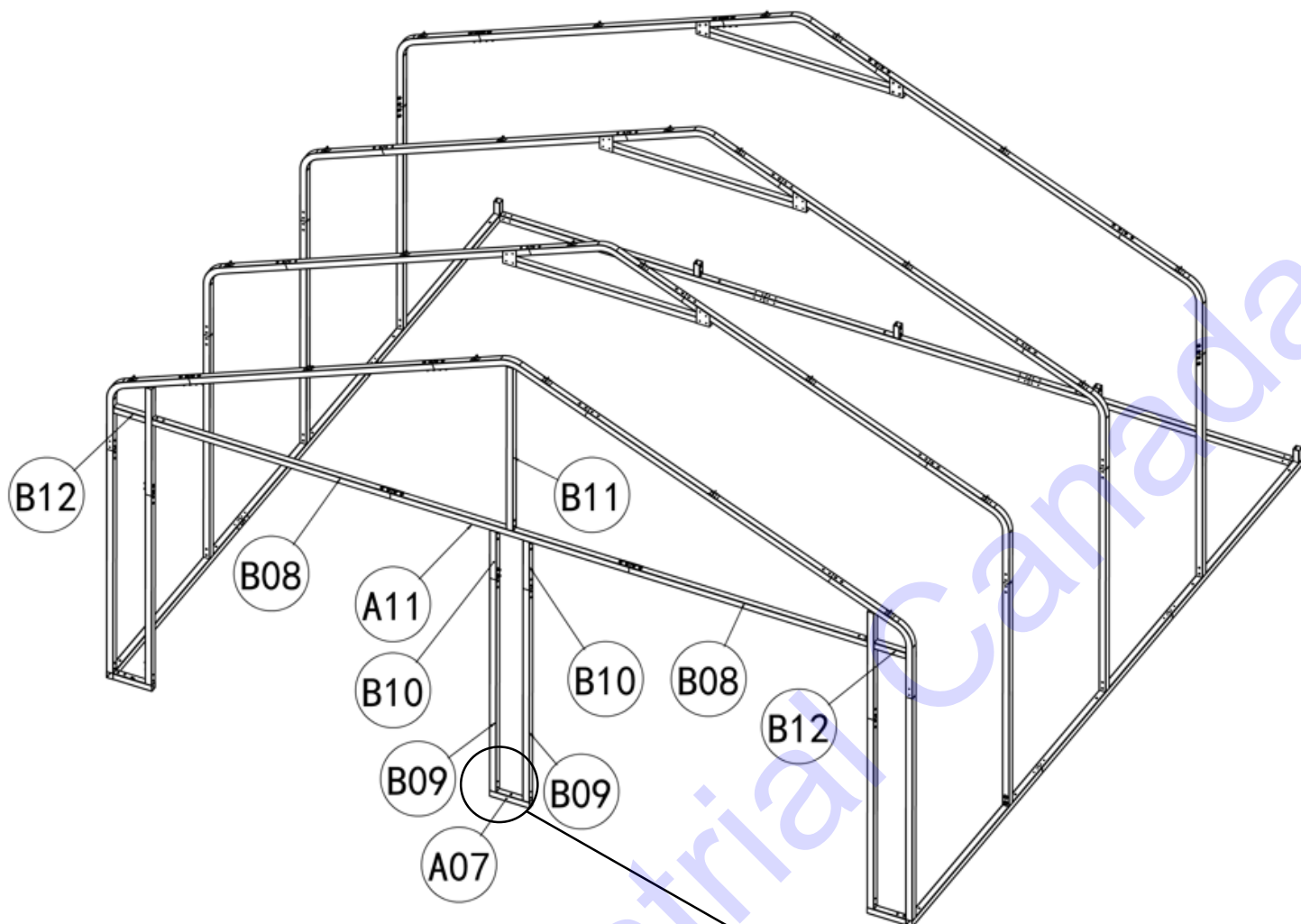
Part	No	Qty
J1		5
B19		1

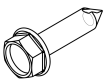



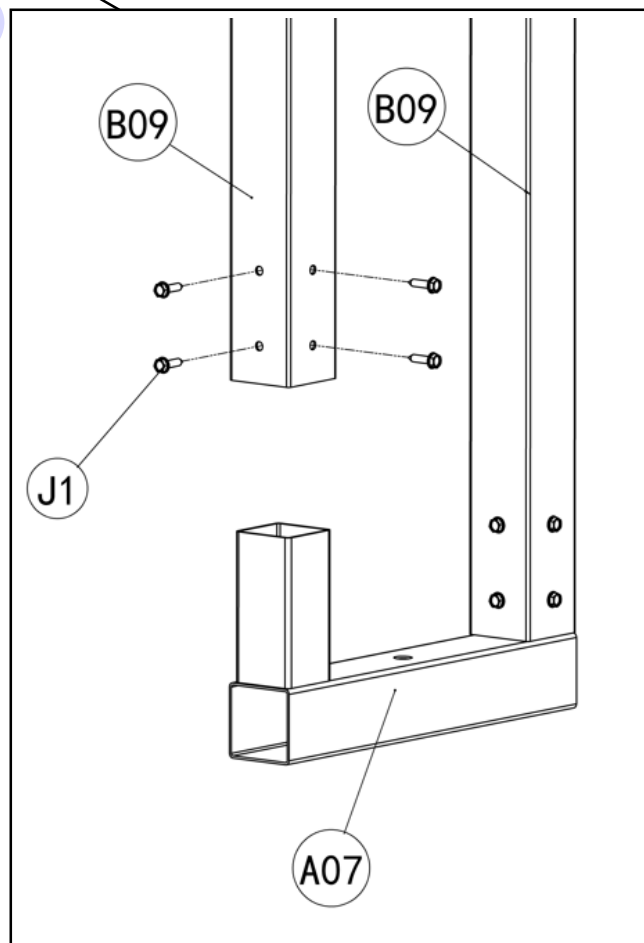


Part	No	Qty
J1		12
B35		2
J2		8
J3		8
J4		8
B03		2
A11		1
B08		2

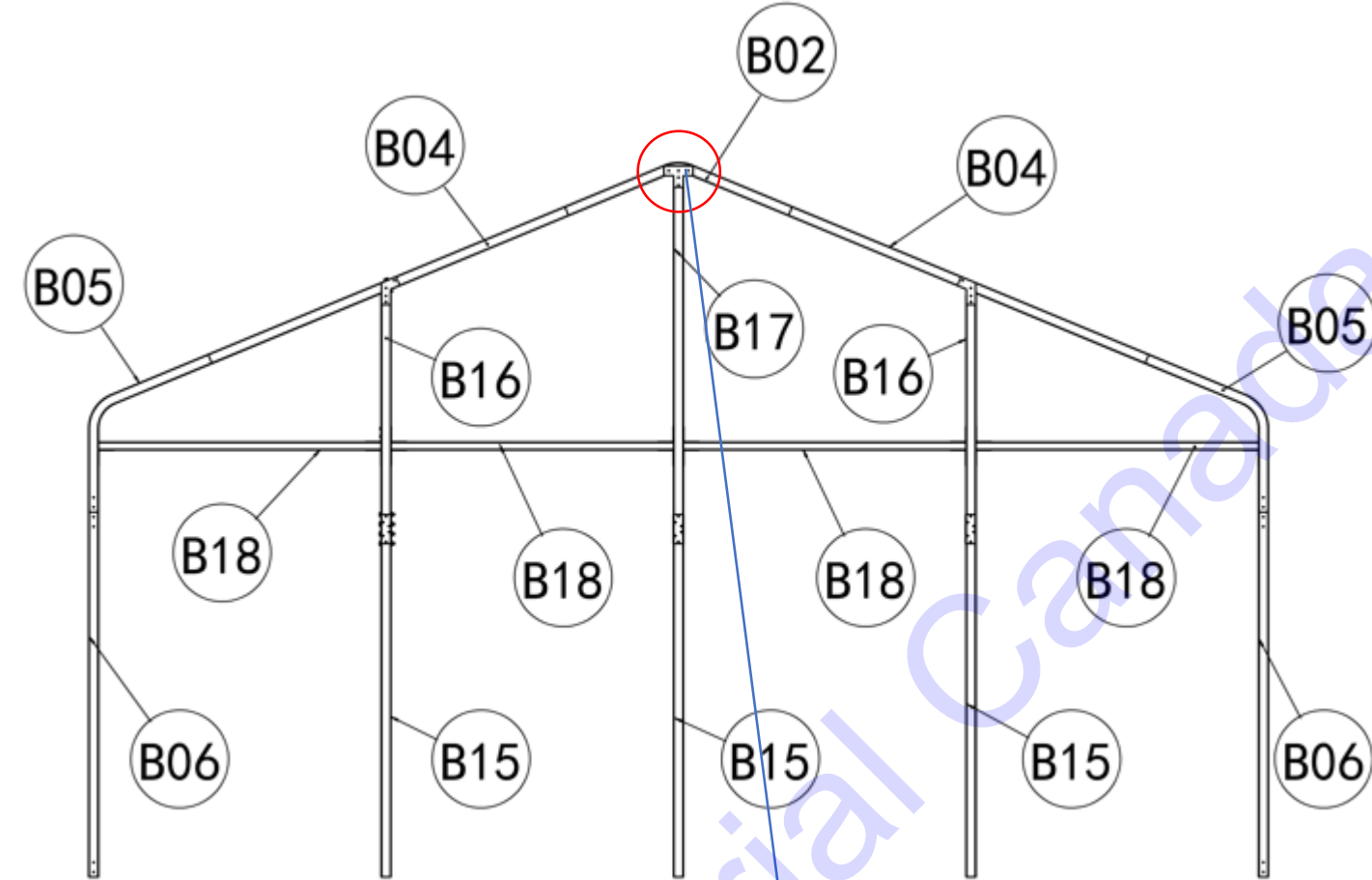




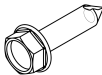
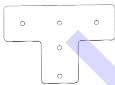

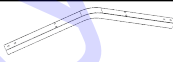
Part	No	Qty
J1		8
A07		1

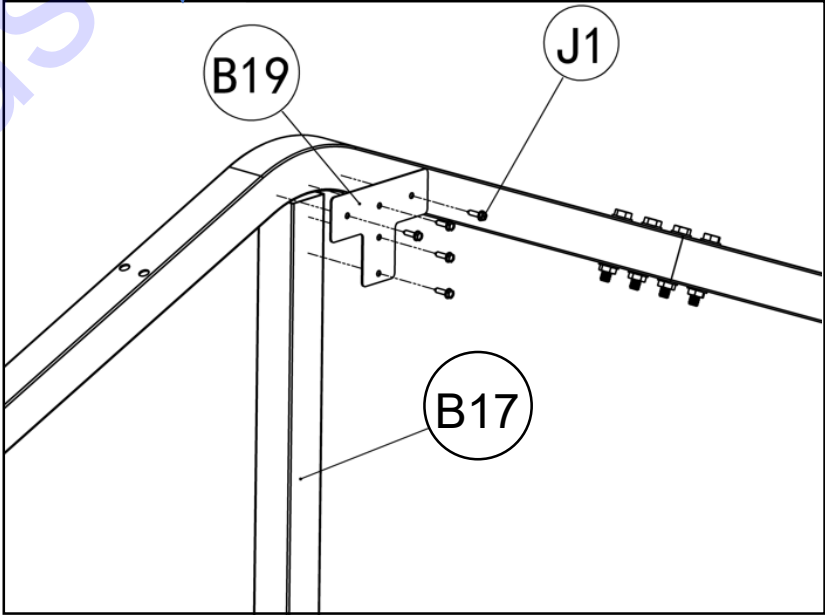


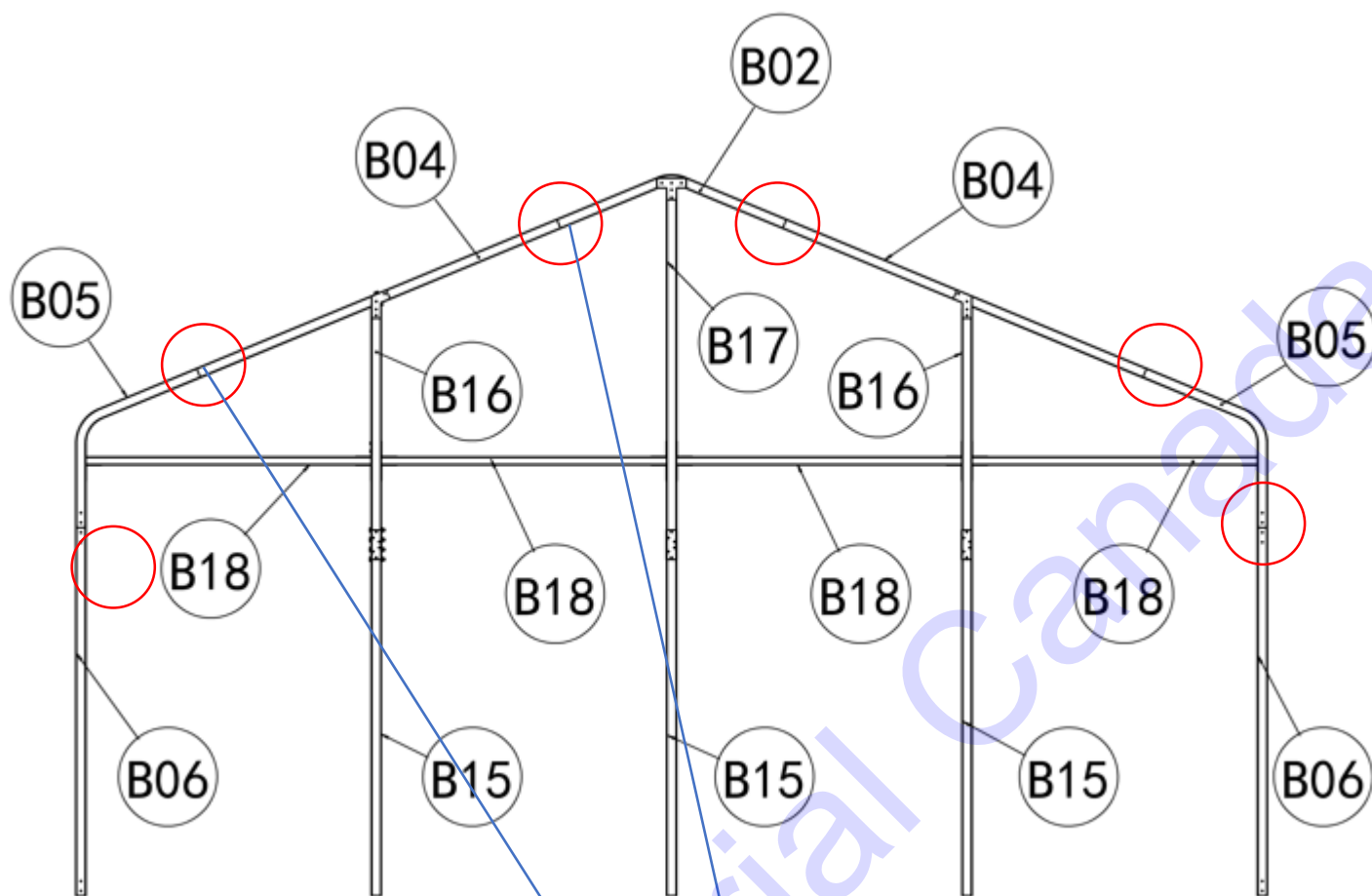
STEP 4 : Install The Back Arch Frame



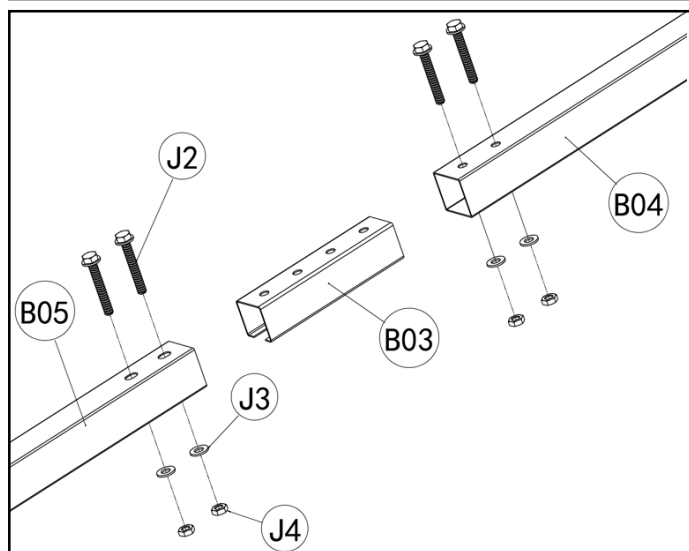
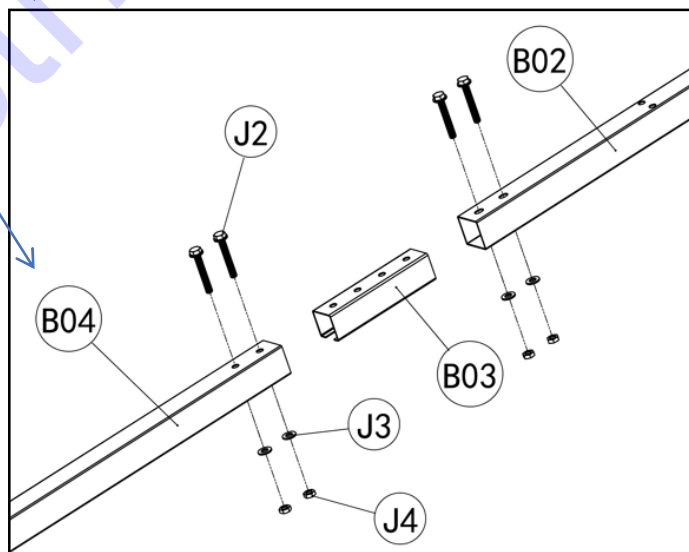
B19 Installed inside

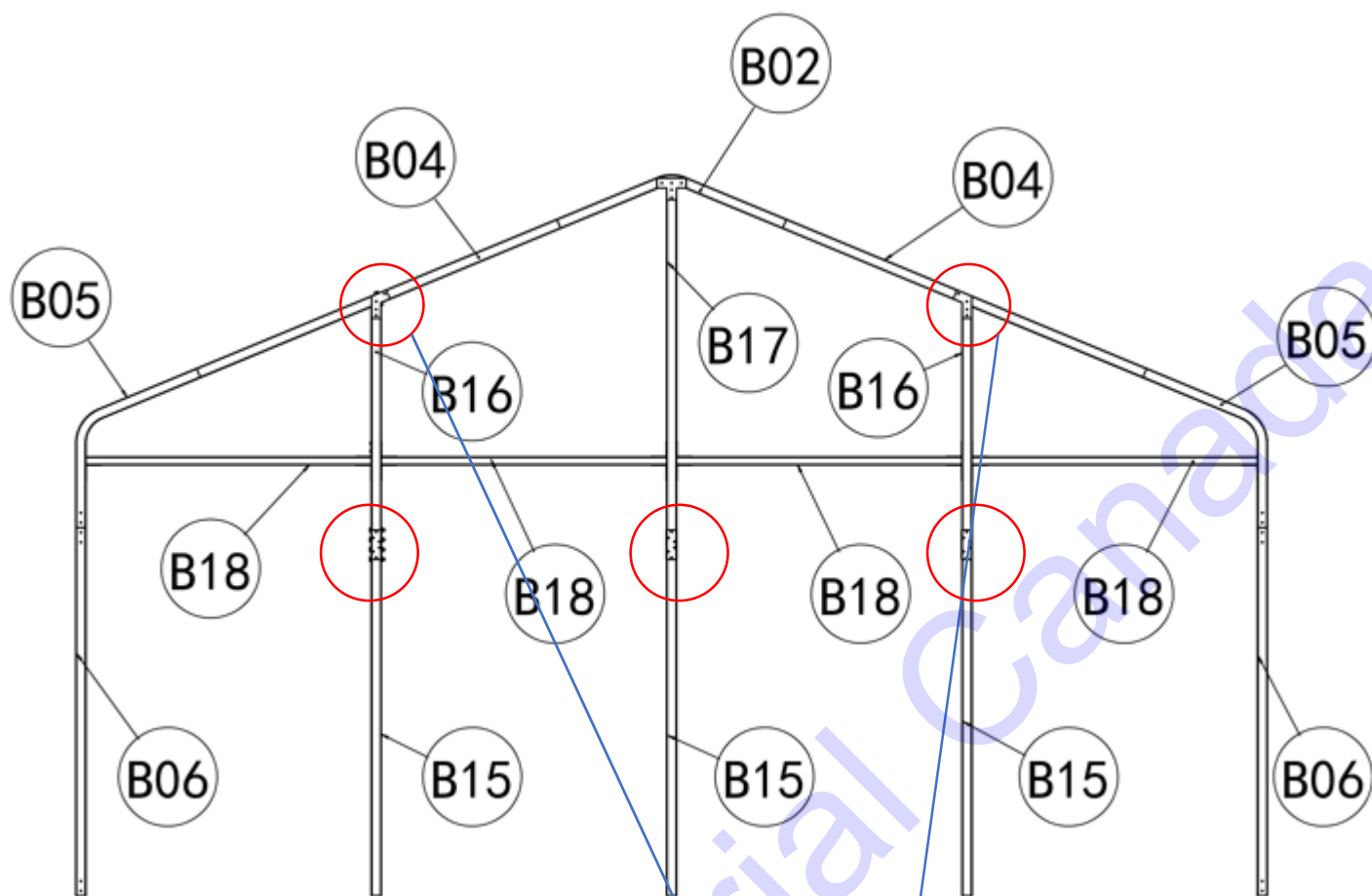
Part	No	Qty
J1		5
B19		1
B17		1
B02		1

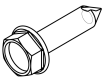
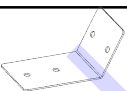
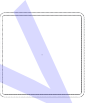

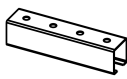


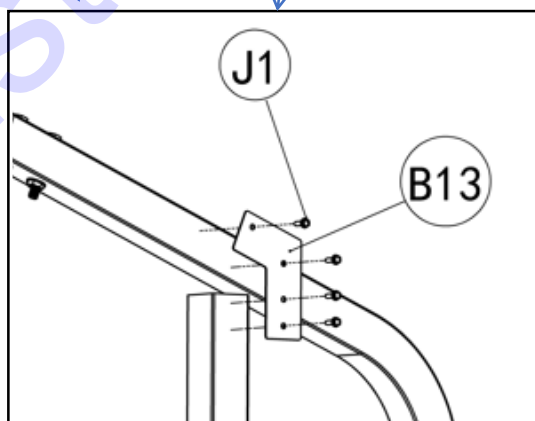


Part	No	Qty
B03		6
J2		16
J3		16
J4		16
B04		2
B05		2
B06		2

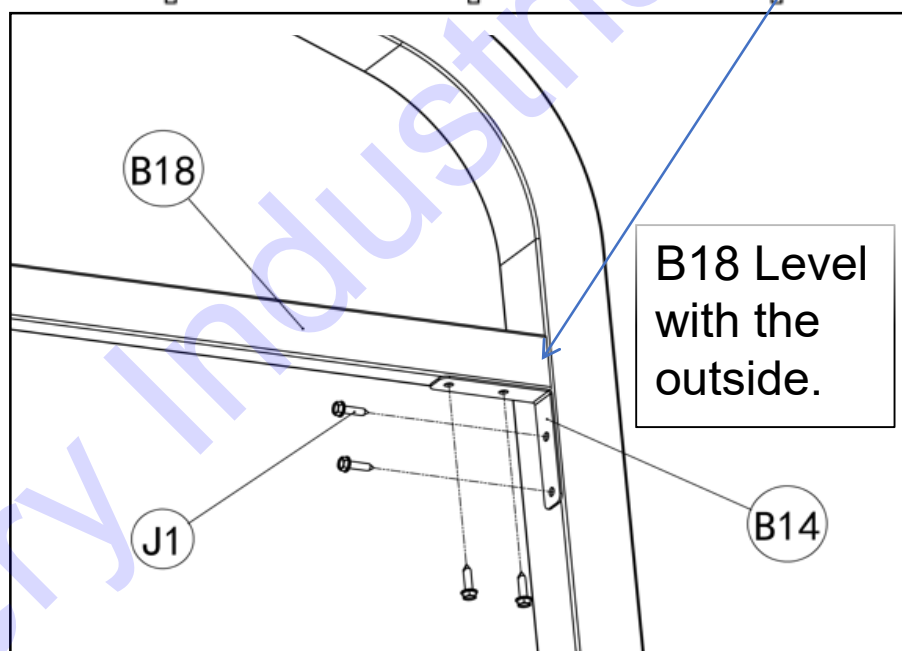
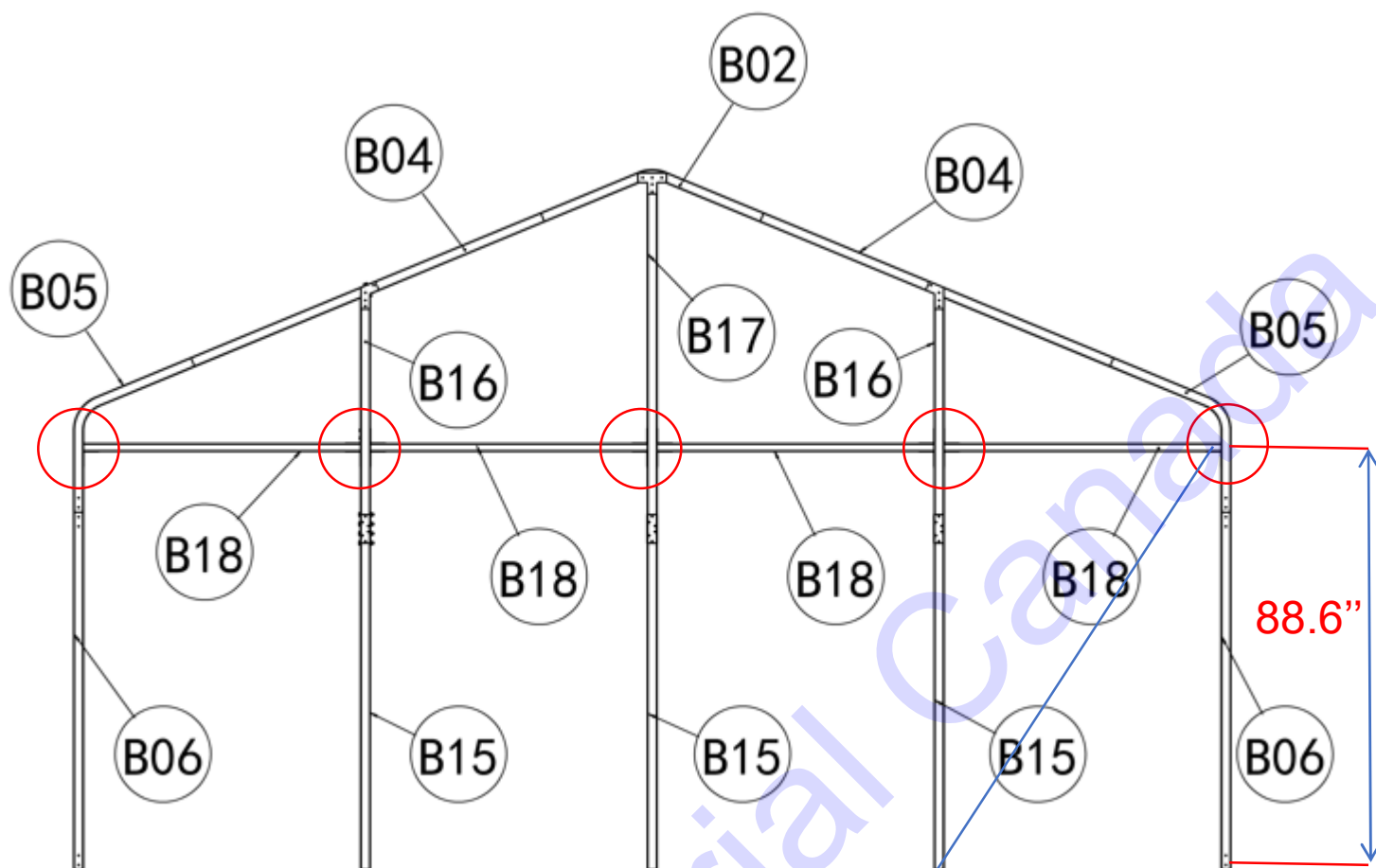



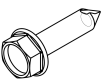



Part	No	Qty
J1		8
B13		2
B16		2
B15		3
B03		3

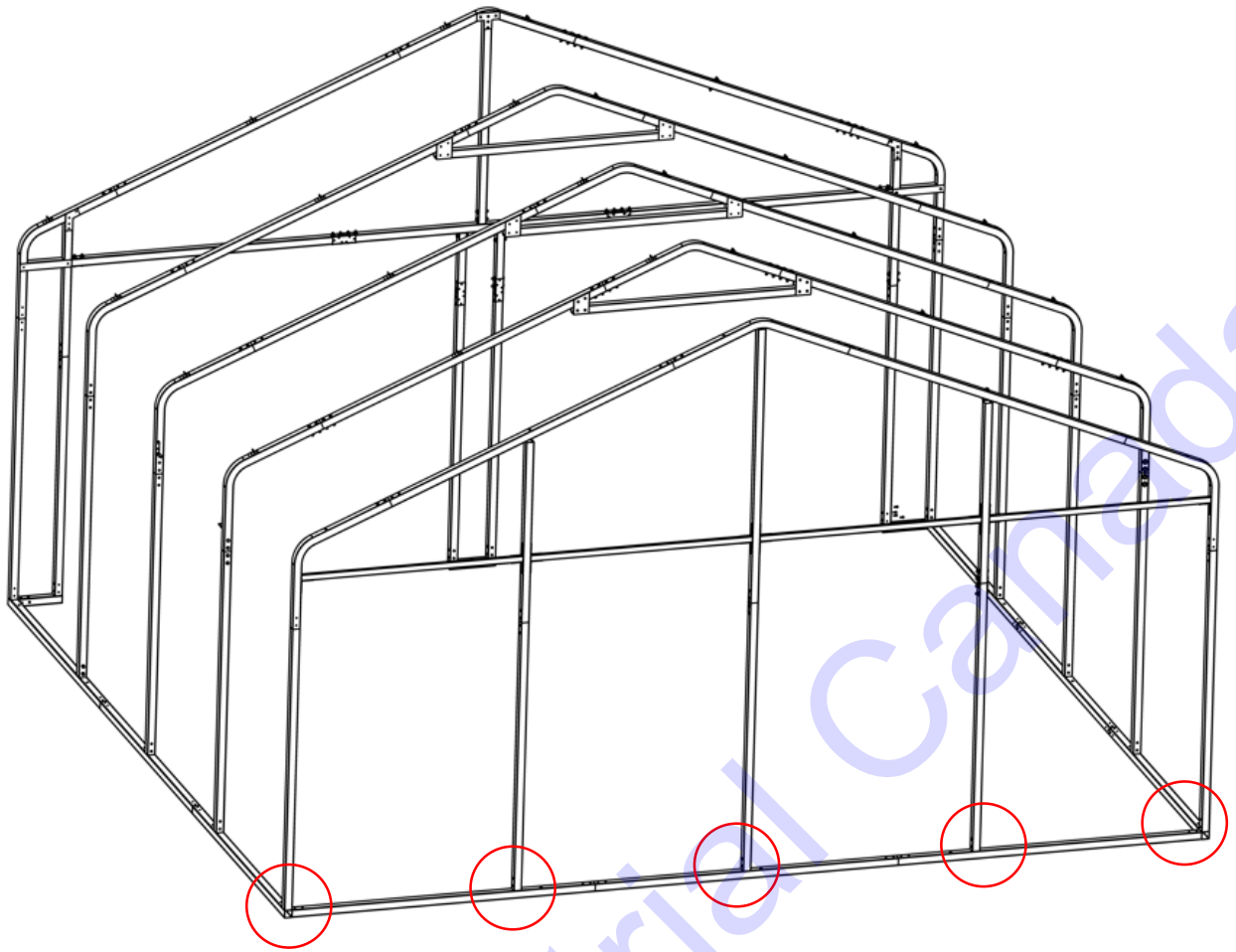





B13 Installed inside

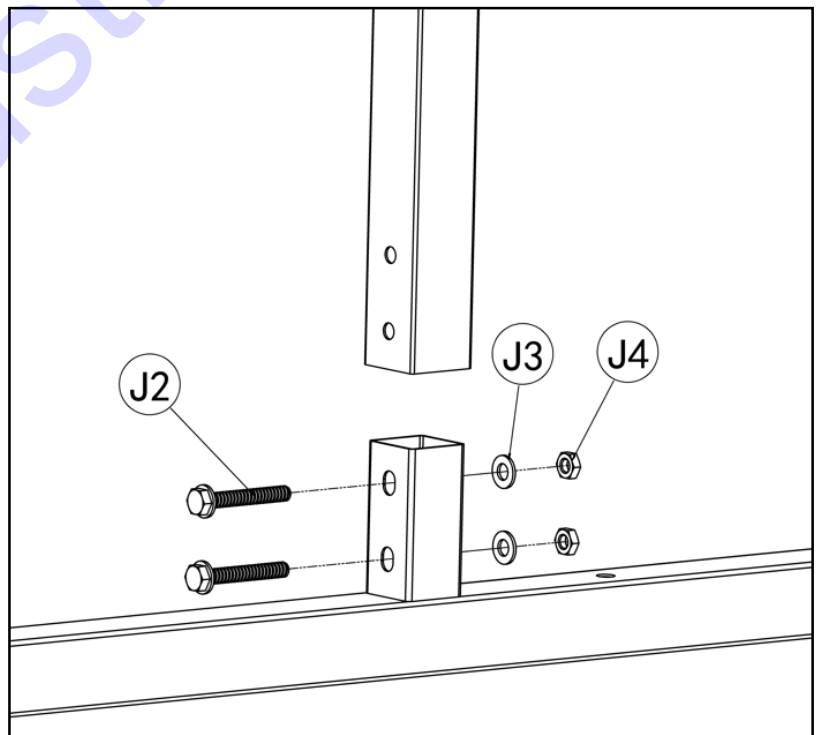


Part	No	Qty
B14		8
J1		32
B18		4

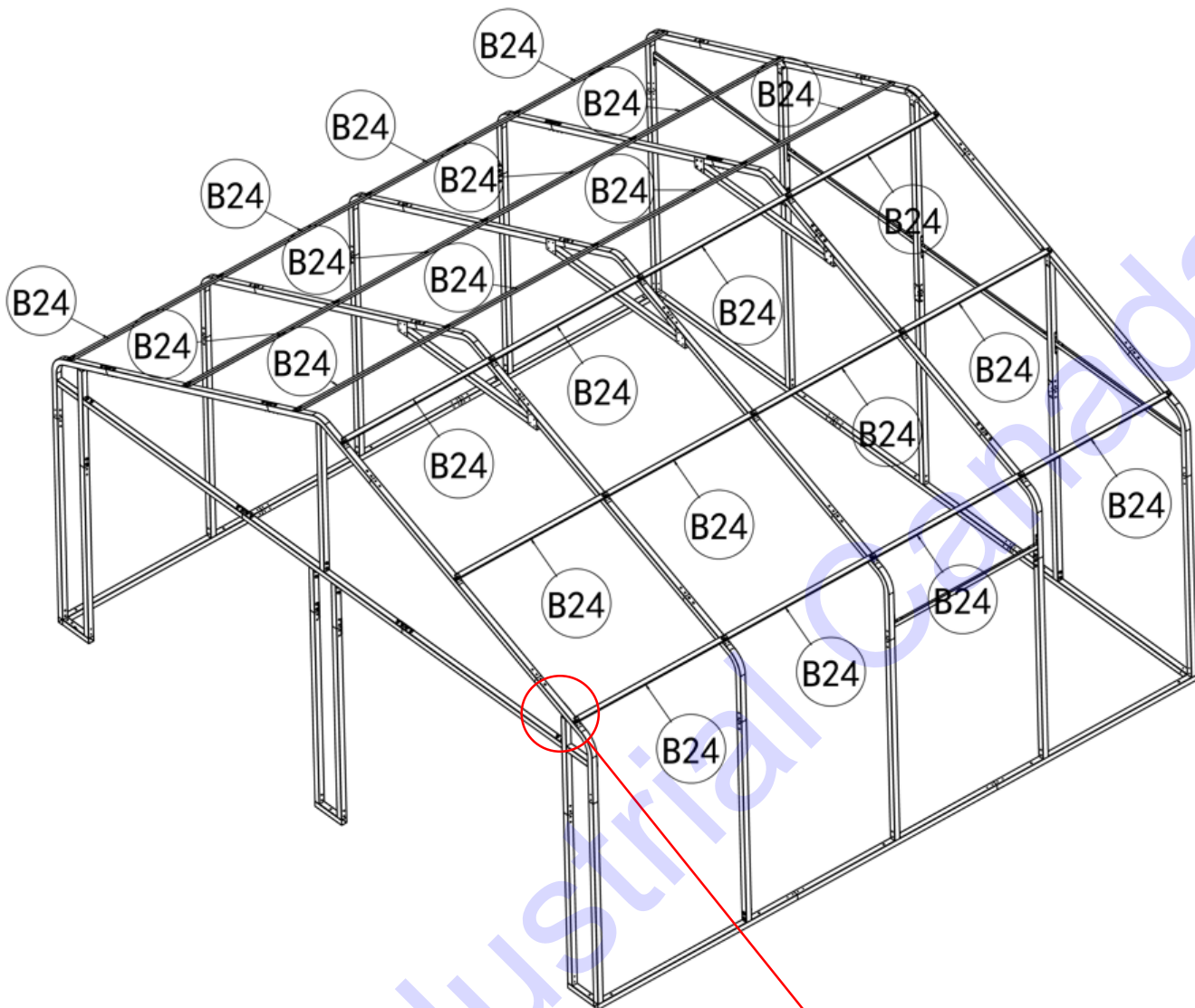
Note: When installing B18, pls measure the distance from B18 to the ground of 88.6", then lock with B14 and J1.









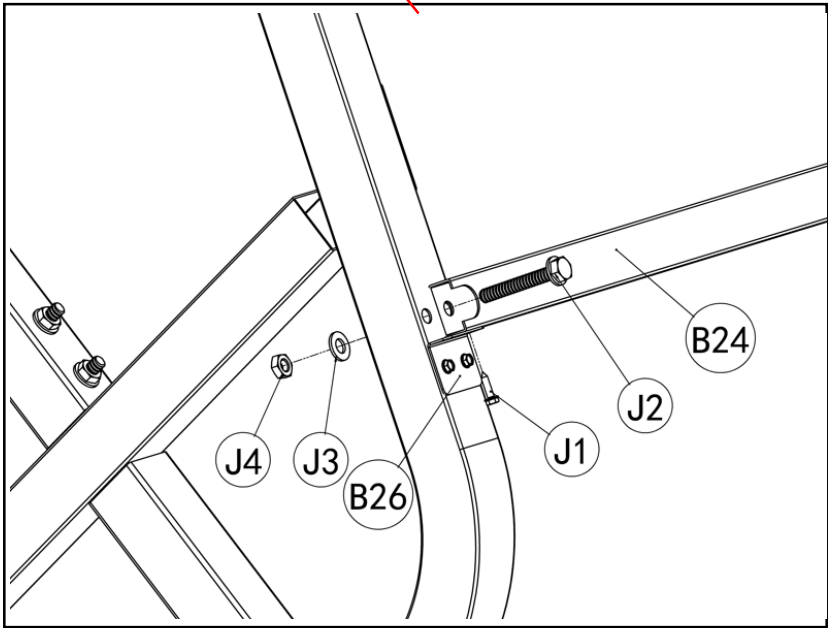
Part	No	Qty
J2		10
J3		10
J4		10

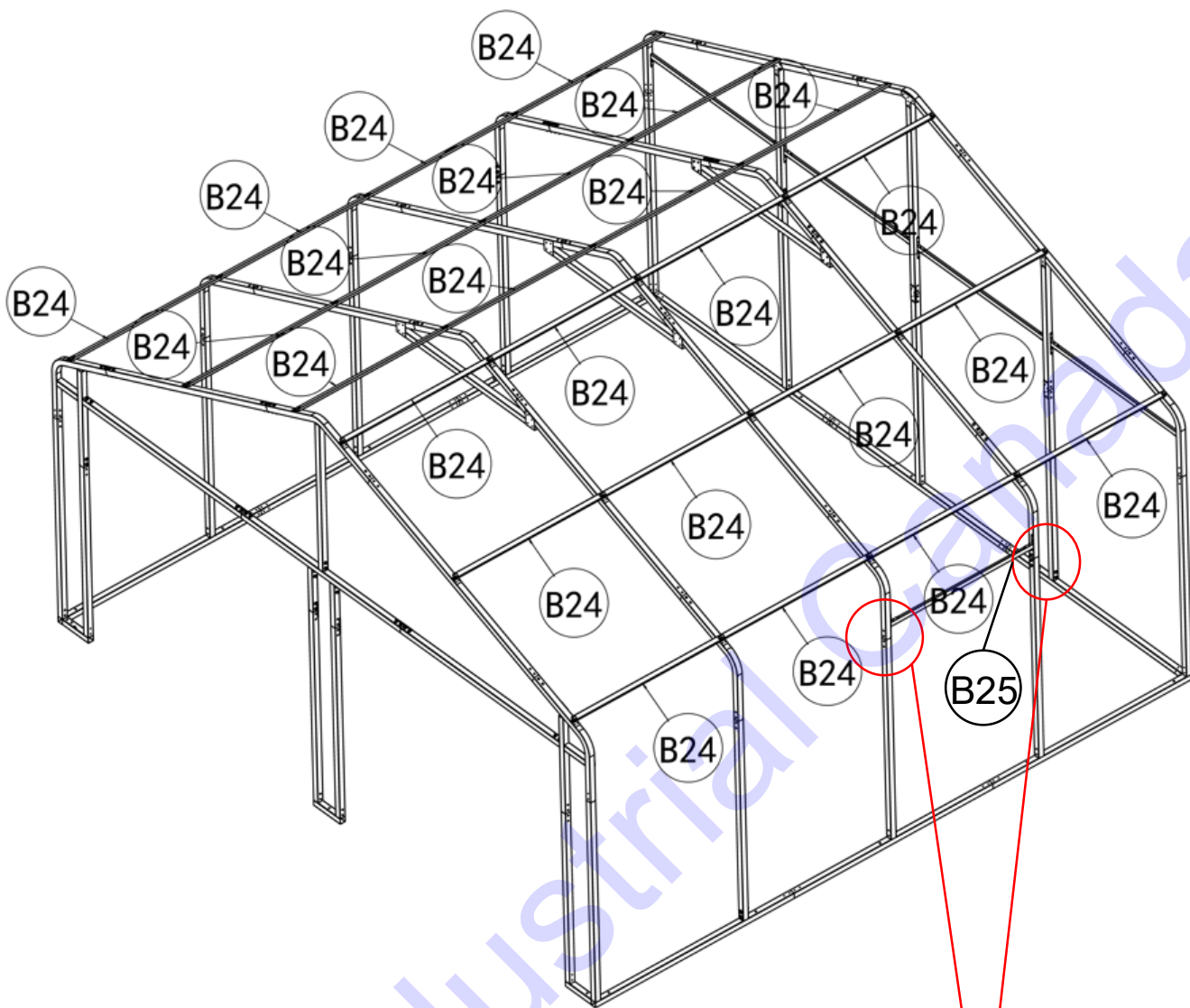





STEP 5 : Top And Side Cross Bar Installation.



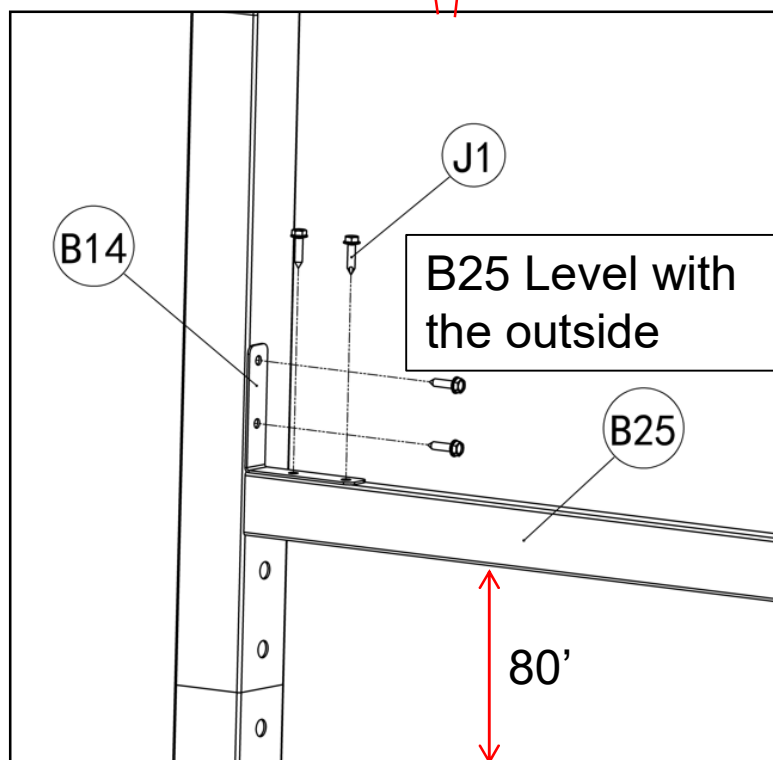
Part	No	Qty
J2		48
J3		48
J4		48
J1		96
B26		30
B24		24

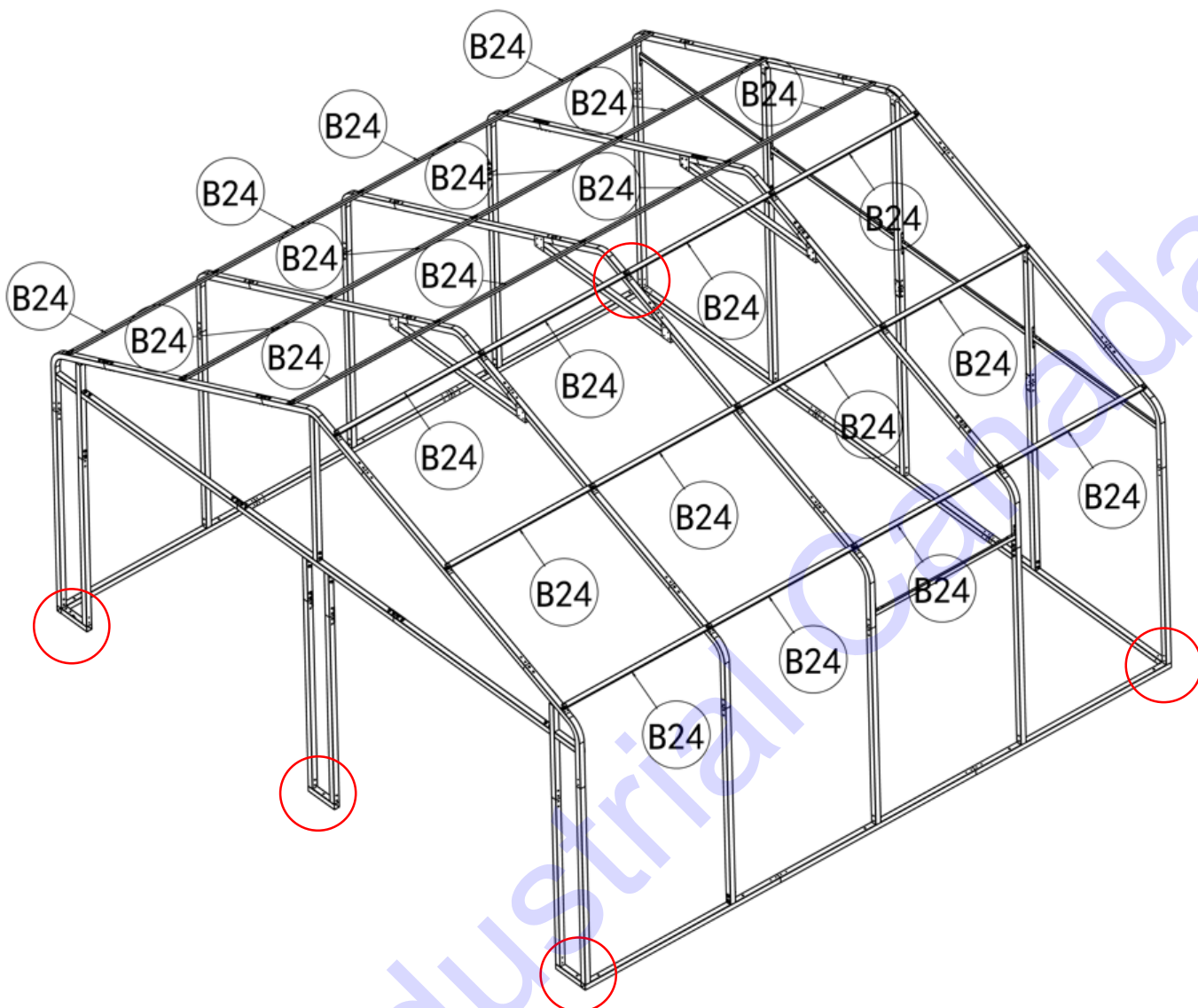





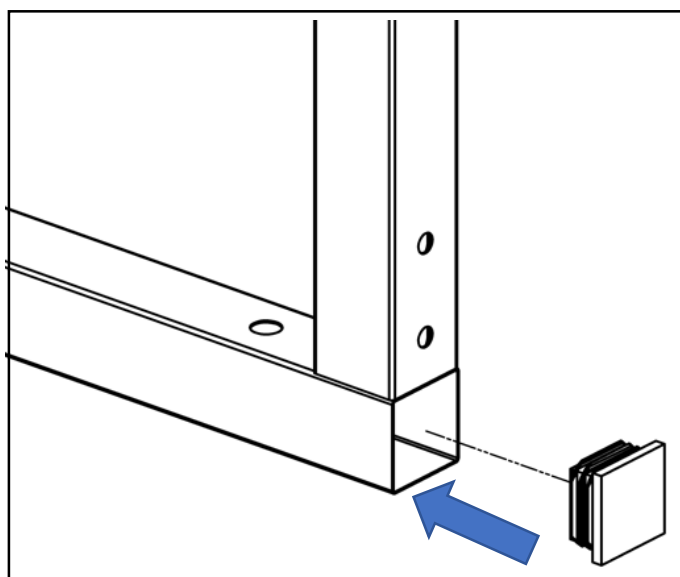
Part	No	Qty
J1		96
B14		2
B25		1

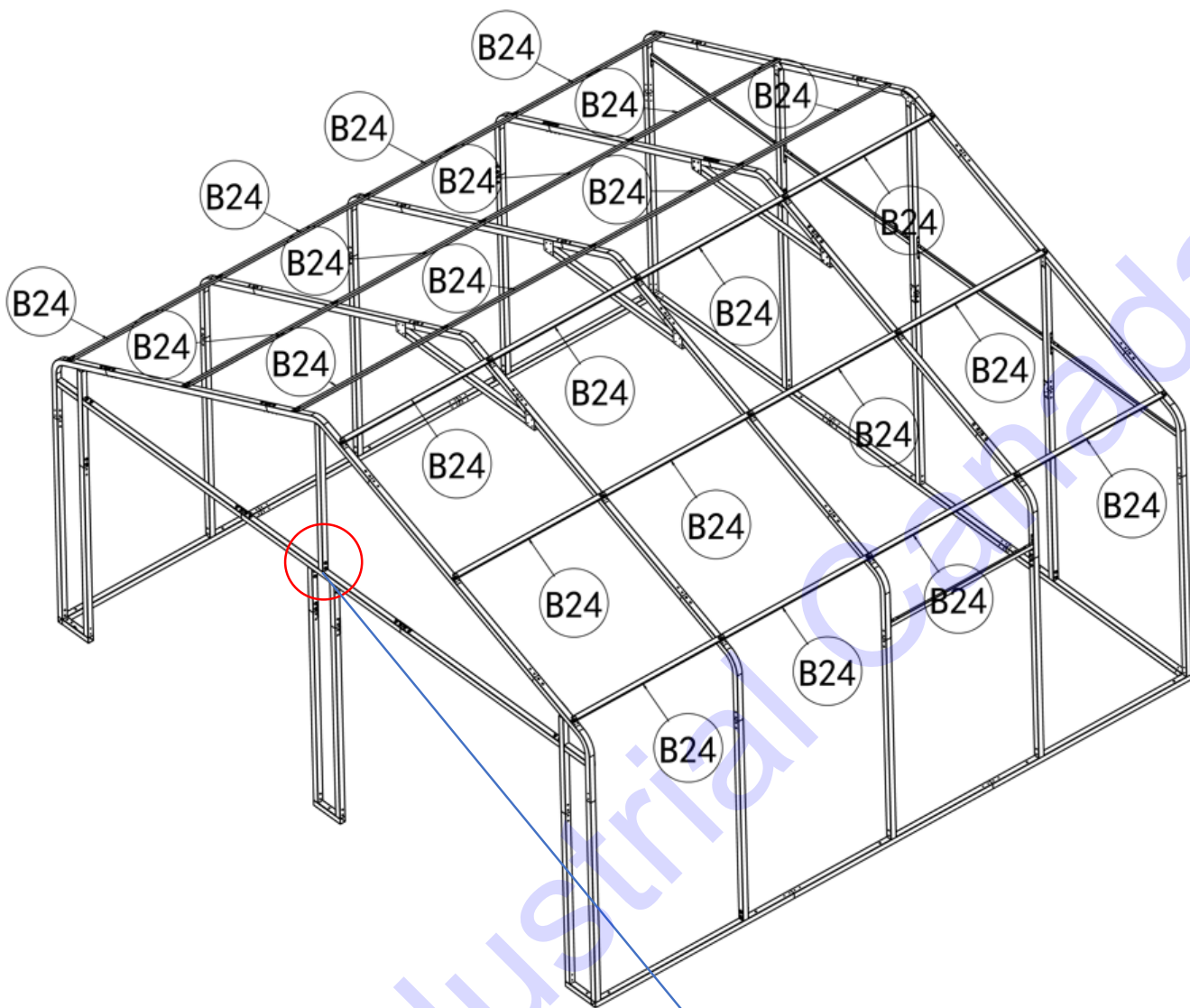
Note: When installing B25, it's necessary to measure the distance from B25 to the ground of 80", then lock with B14 and J1


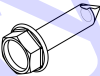


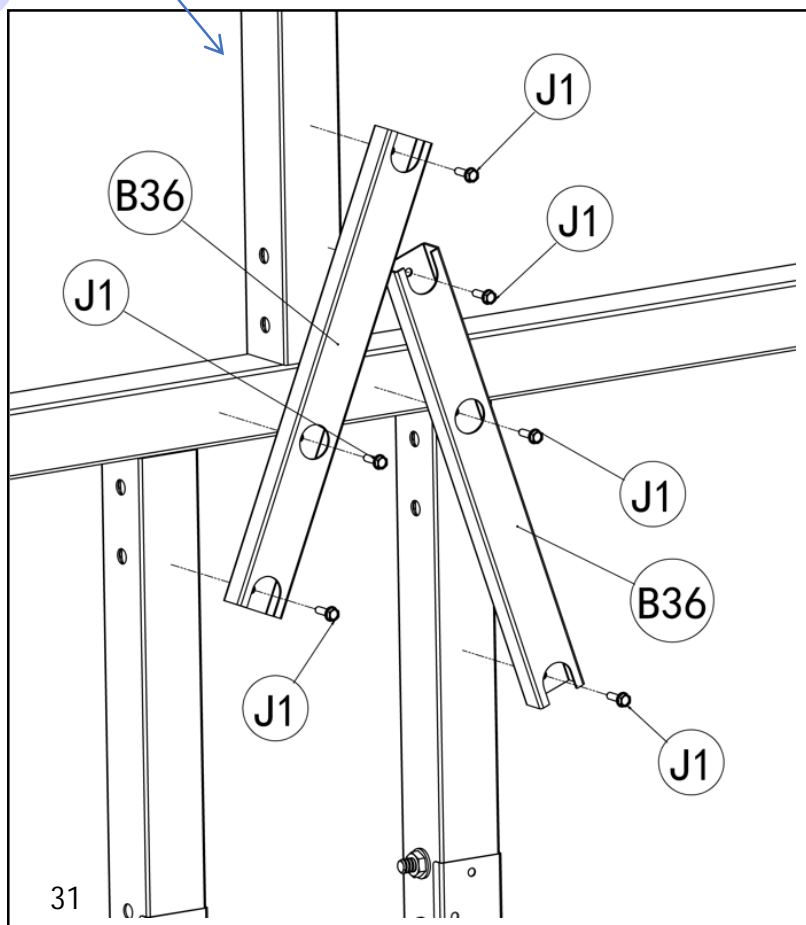


Part	No	Qty
G1		8

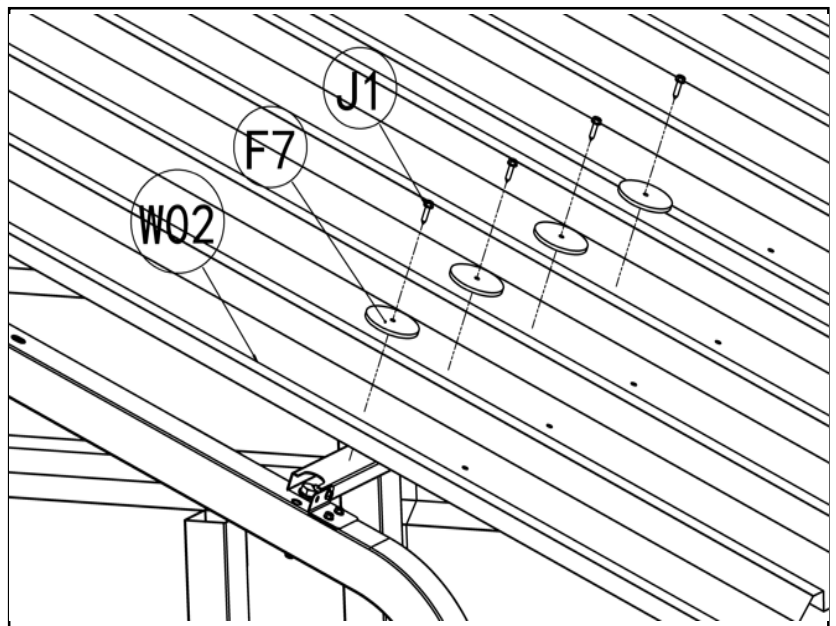
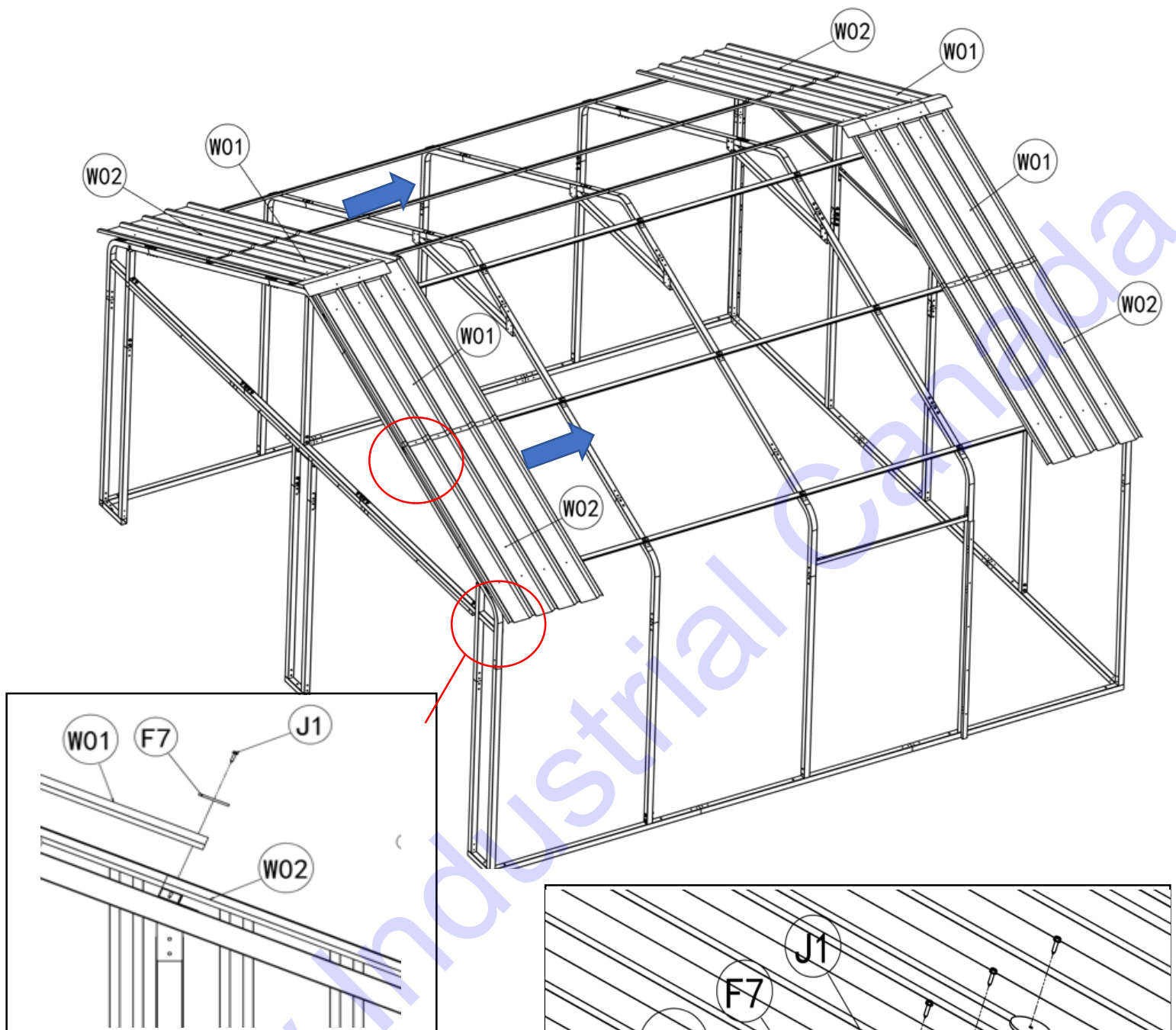





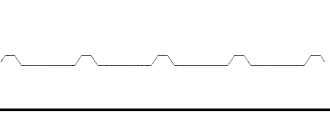
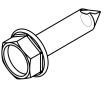

Part	No	Qty
B36		2
J1		6

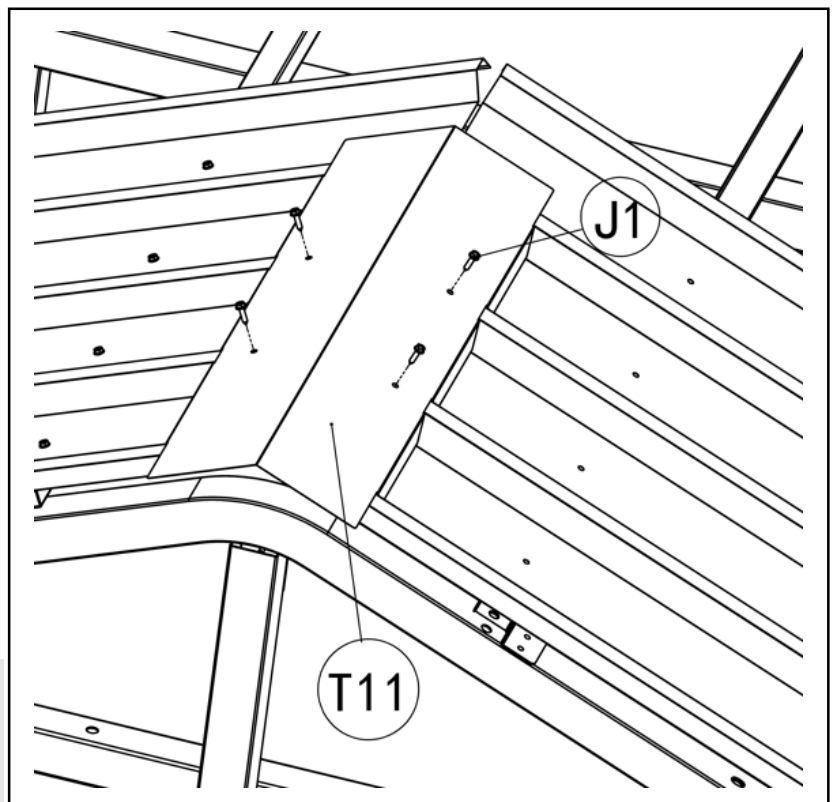
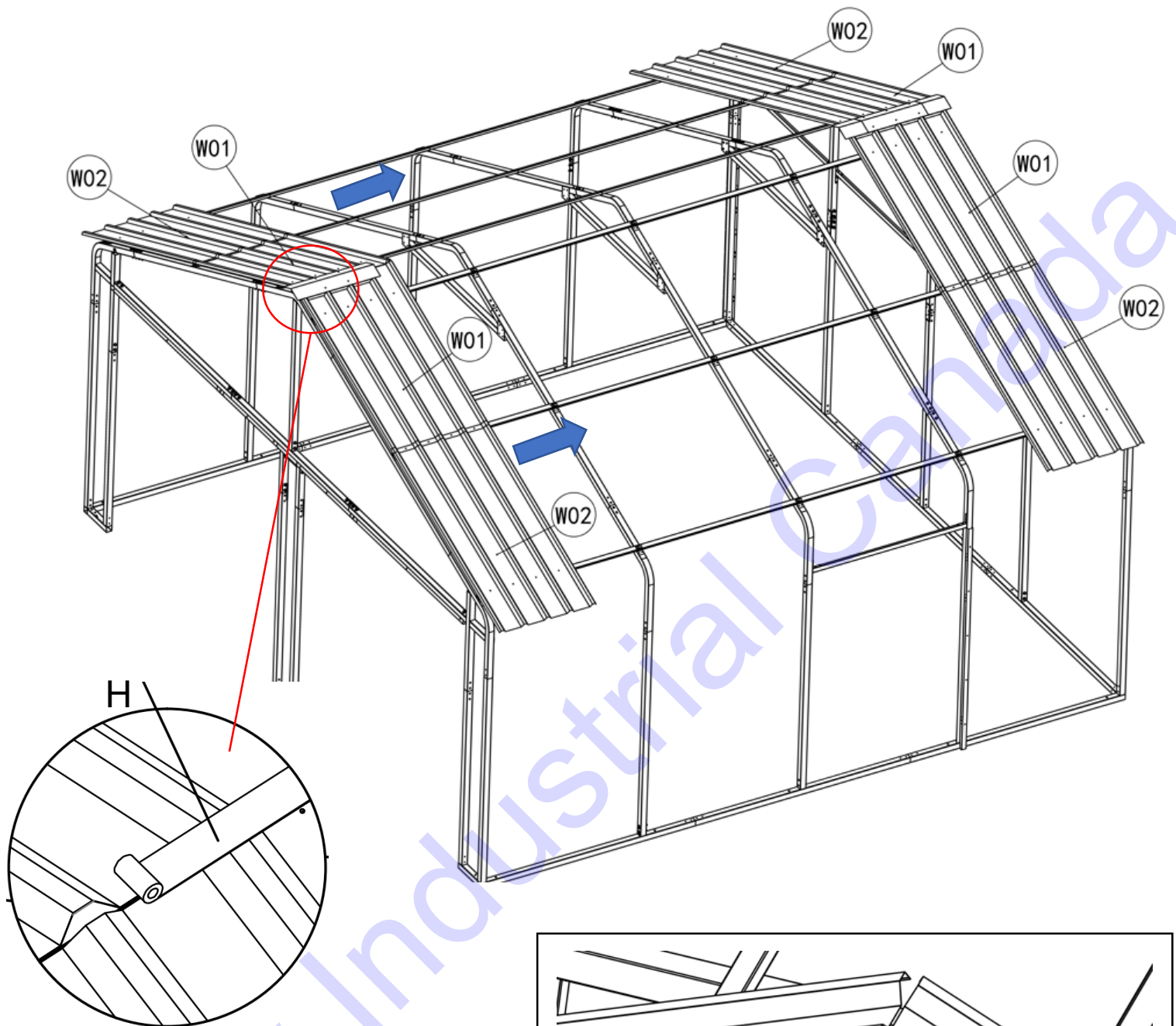


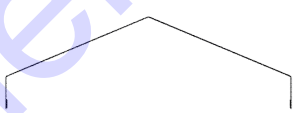
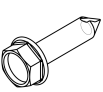

STEP 6 : Roof Panel Installation.



Note: Install W02 first, then Put W01 upon W02 to prevent leaking.

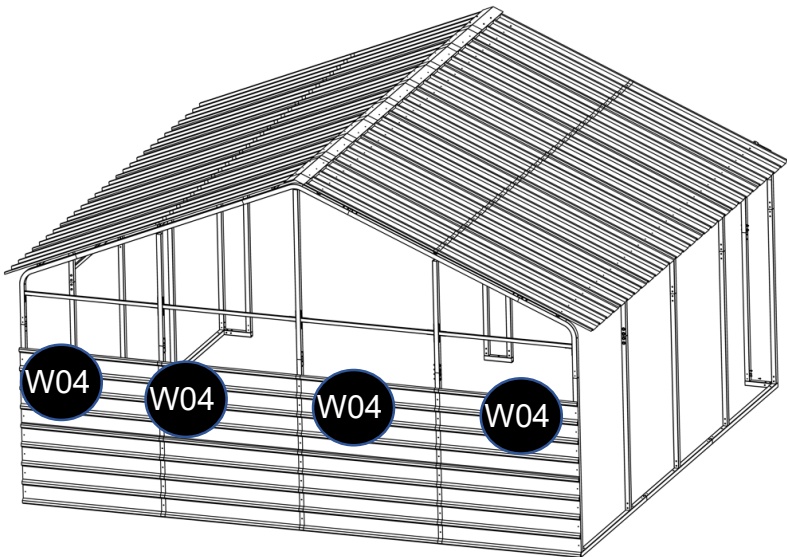
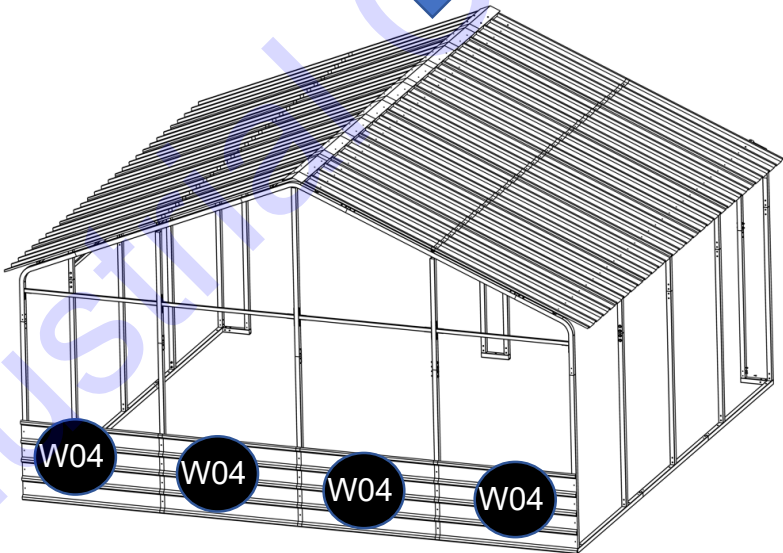
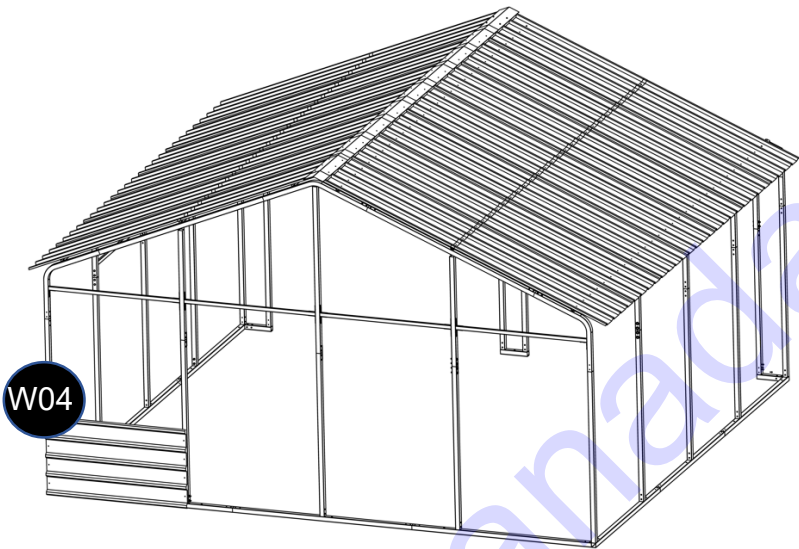
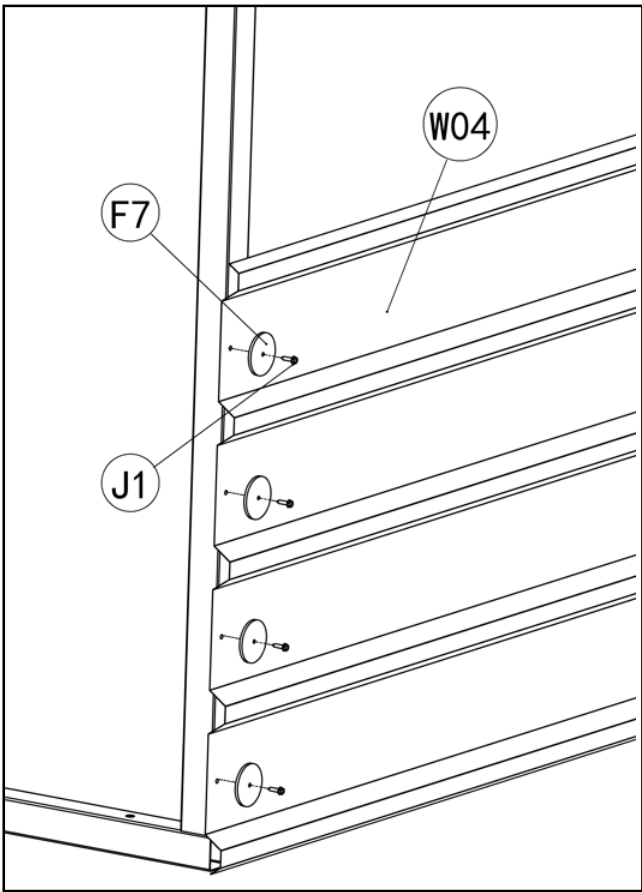
Part	No	Qty
W01		14
W02		14
J1		168
F7		168


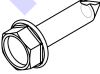




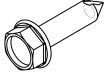






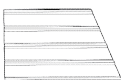



Part	No	Qty
T11		10
J1		40
H		1

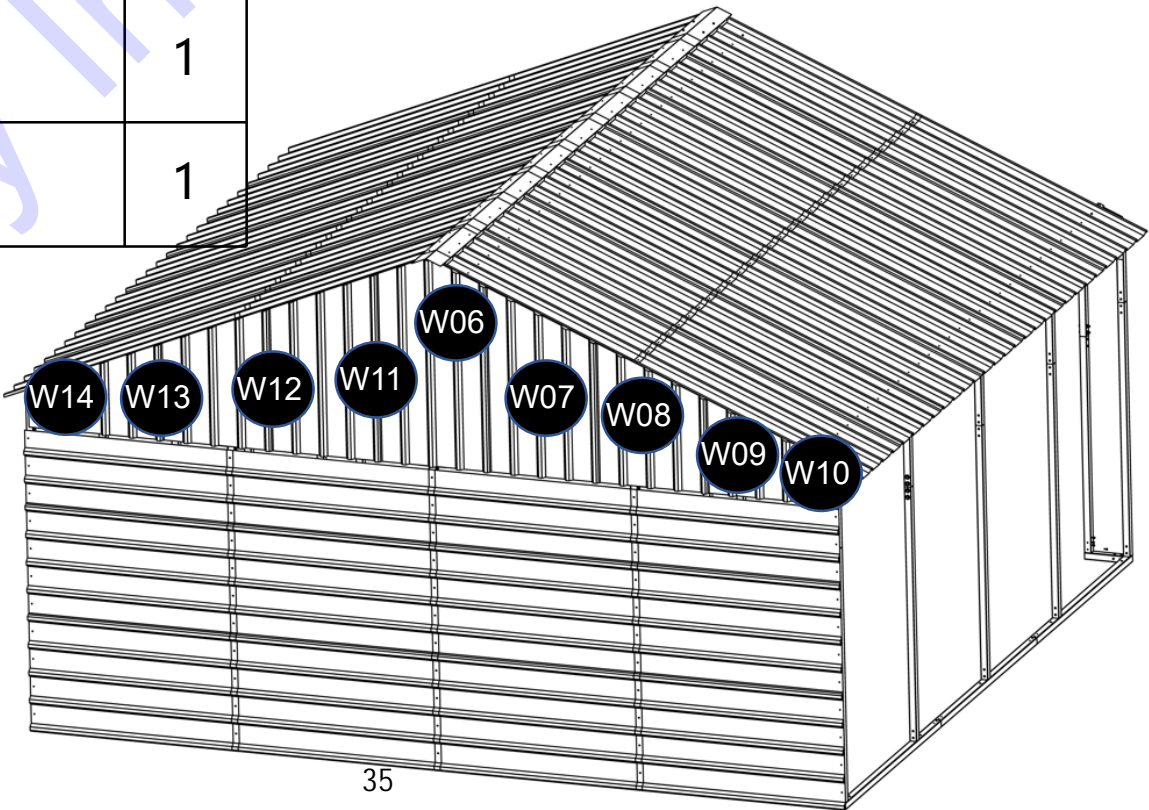
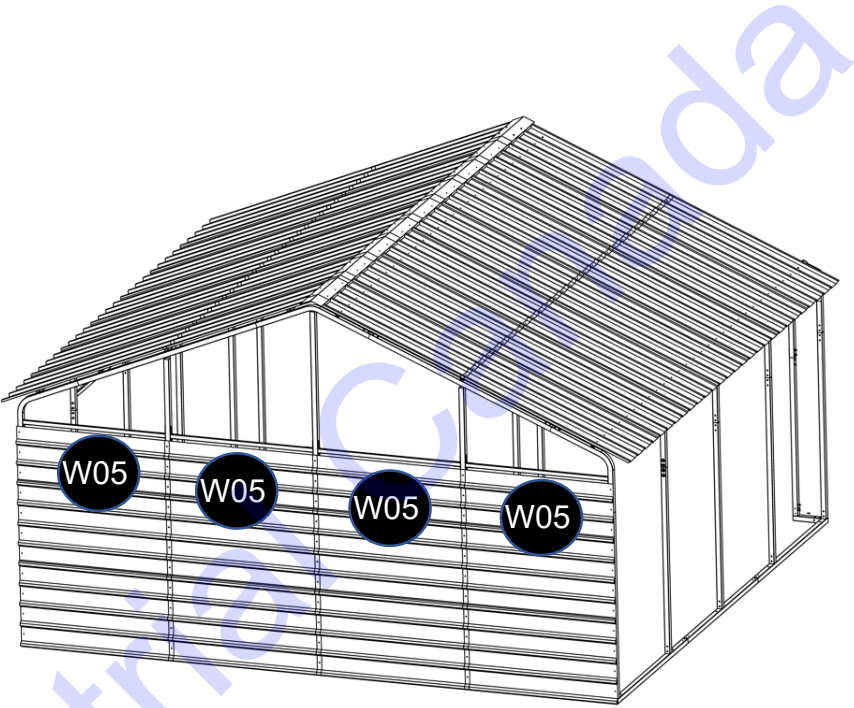
Note: First attach the sealing tape H to the gap between the two tiles, then install T11.

STEP 7 : Rear Panel Installation.

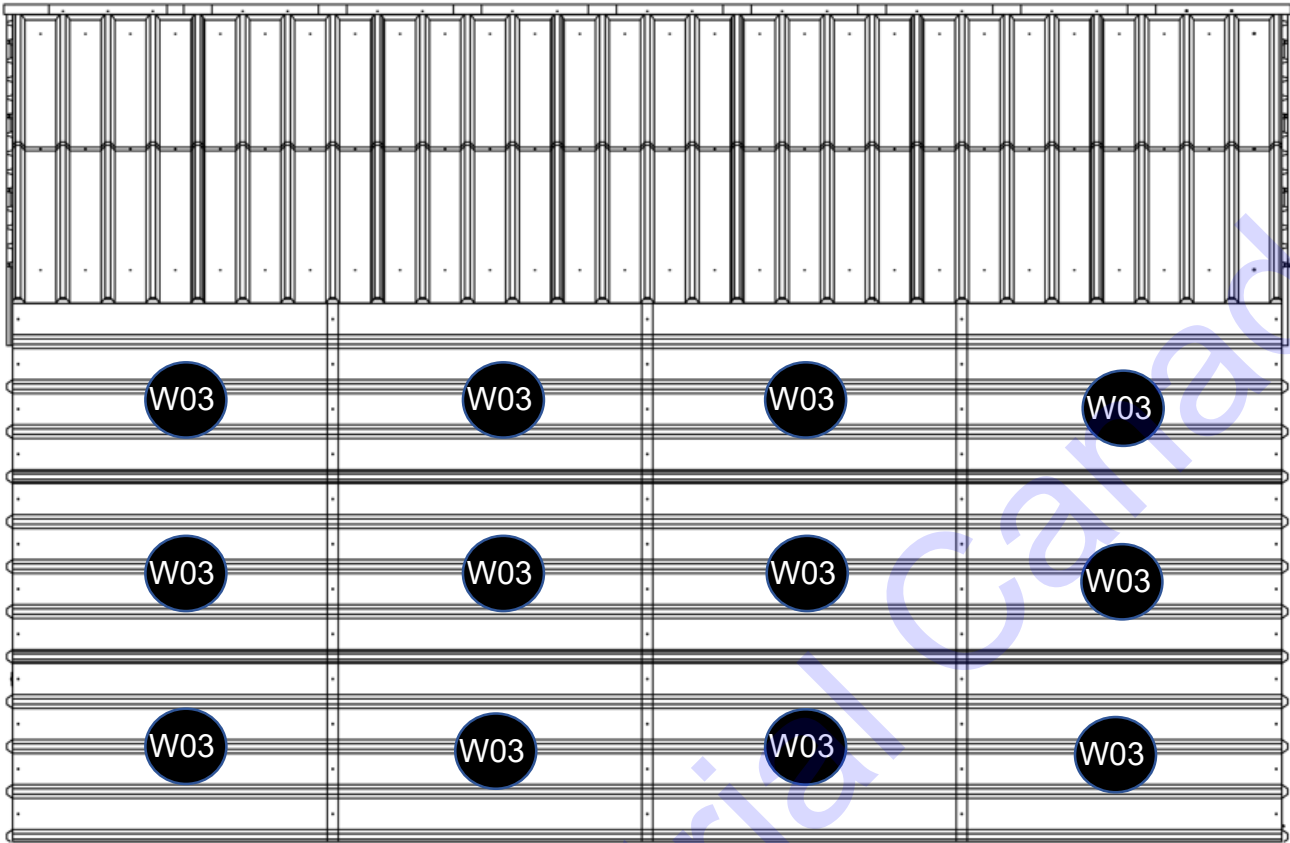



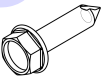

Part	No	Qty
W04		8
J1		40
F7		40

Part	No	Qty
W05		4
J1		48
F7		48
W06		1
W07		1
W08		1
W09		1
W10		1
W11		1
W12		1
W13		1
W14		1

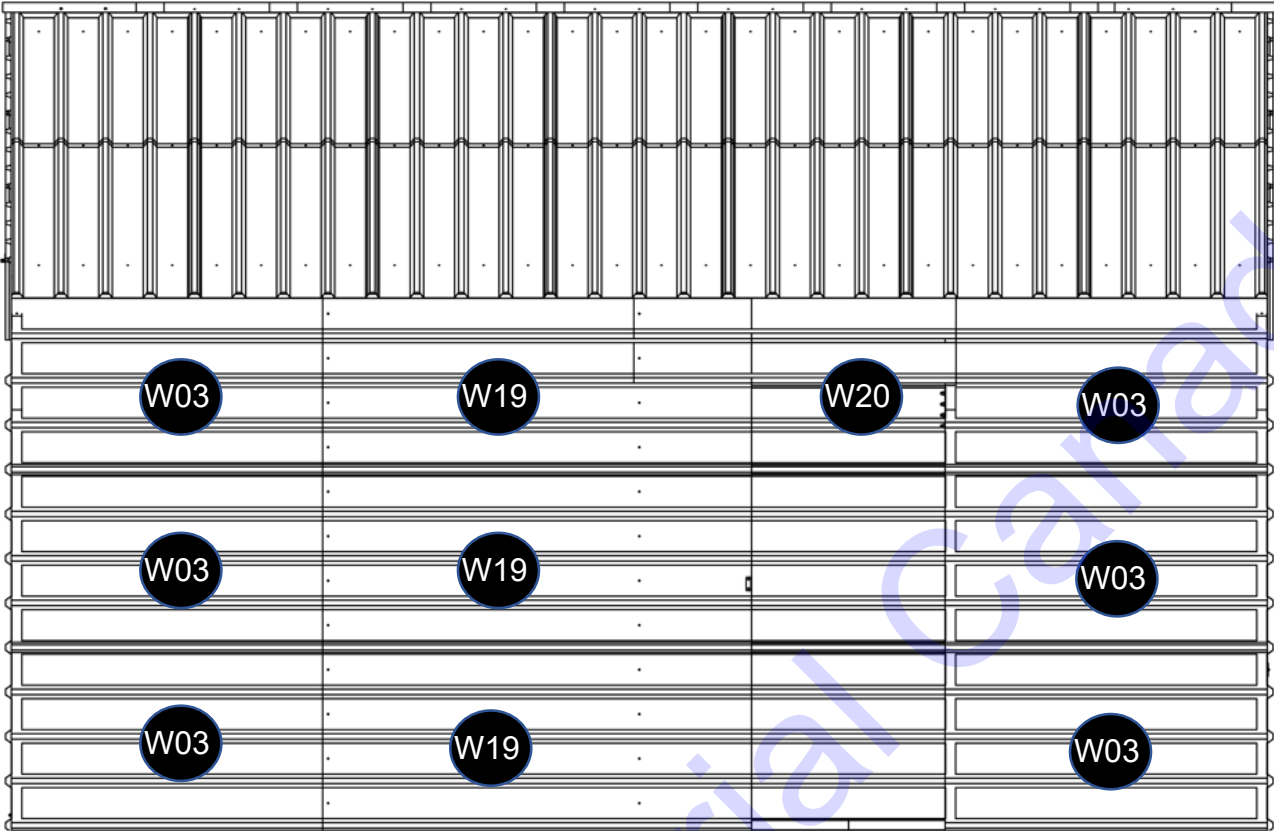


STEP 8 : Side Wall Panel Installation (without door).

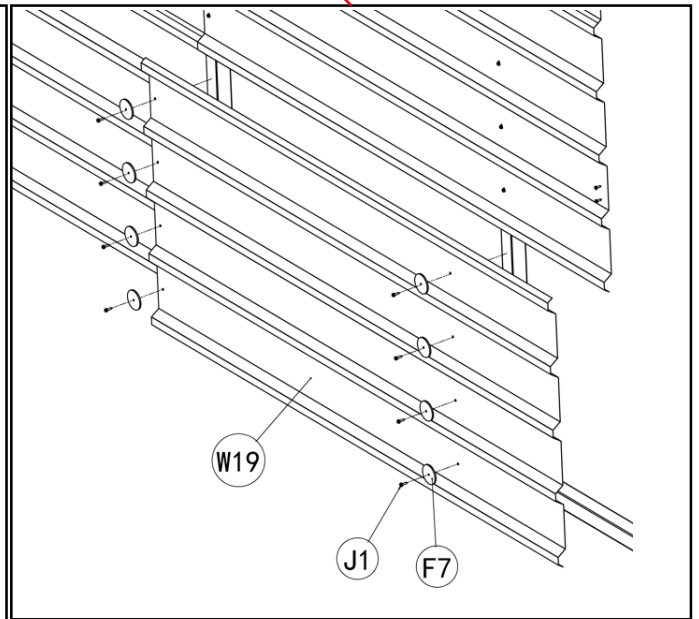
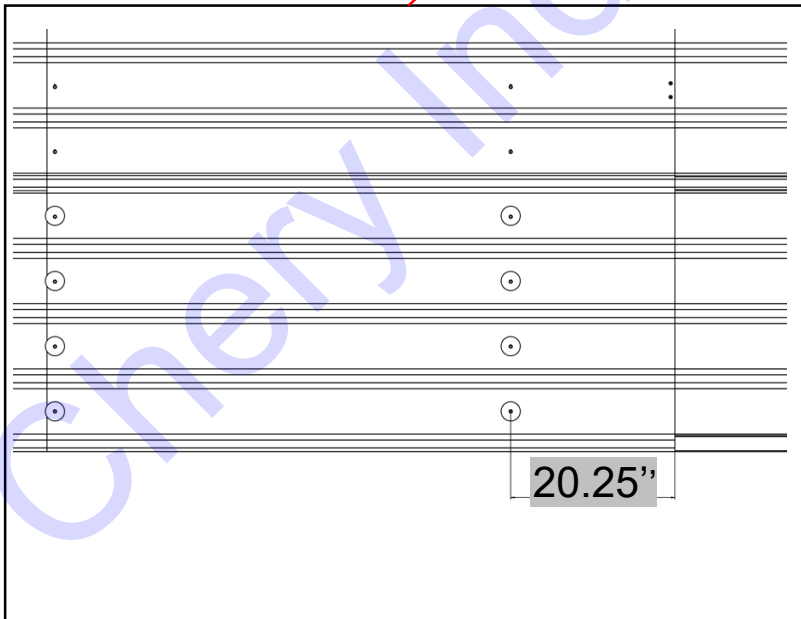
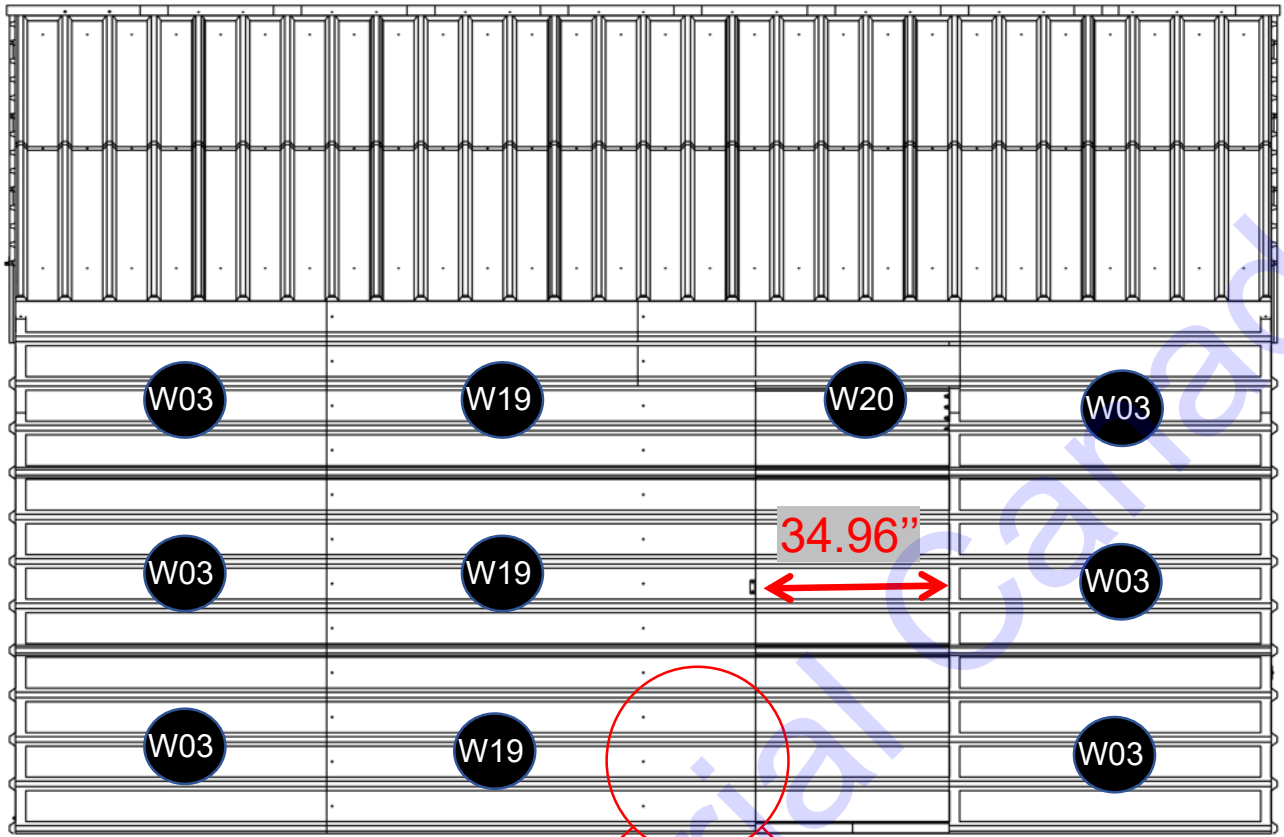


Part	No	Qty
W03		12
J1		60
F7		60

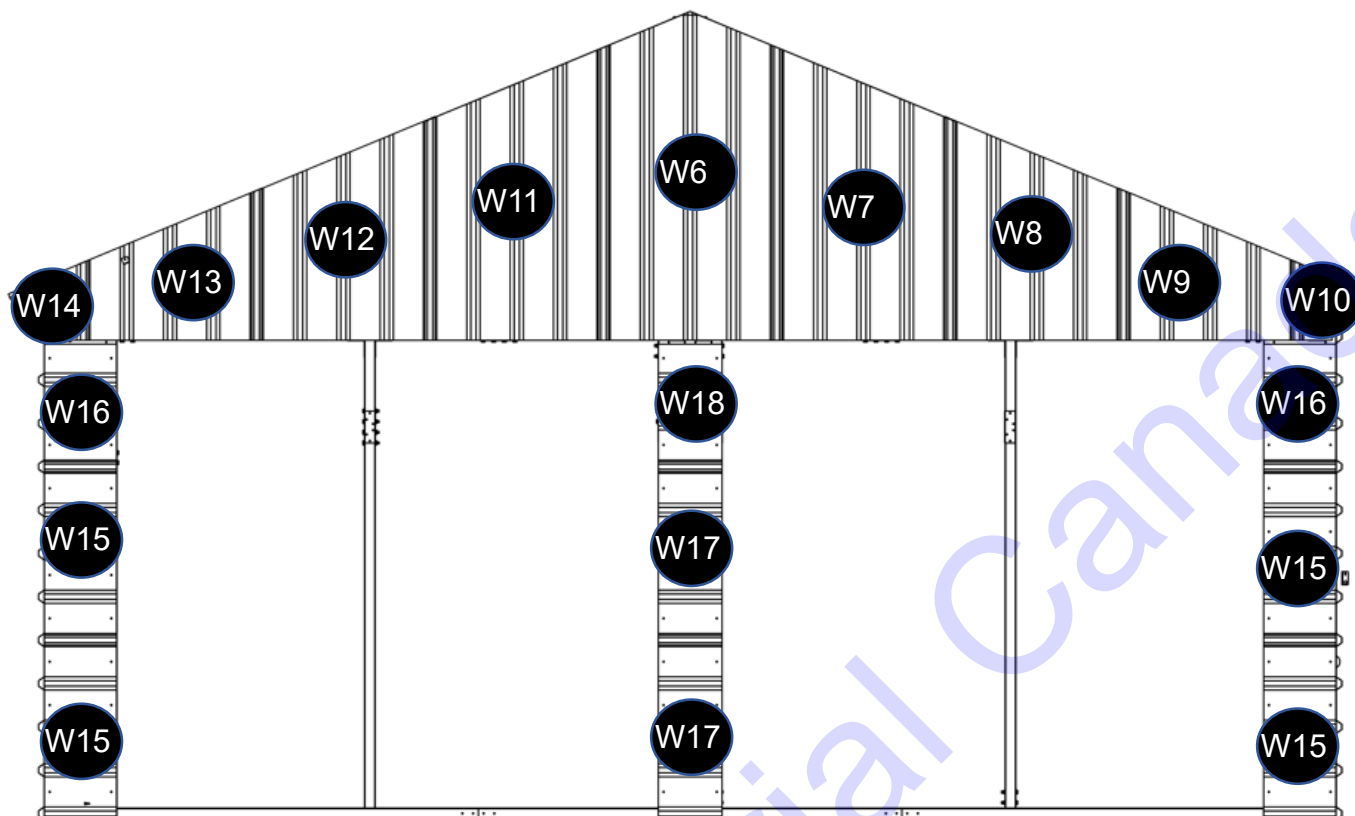
STEP 9: Side Wall Panel Installation (with door).



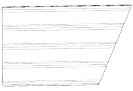


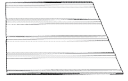


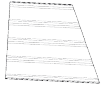



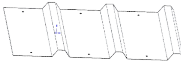

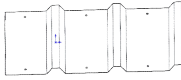
Part	No	Qty
W03		6
J1		60
F7		60
W19		3
W20		1



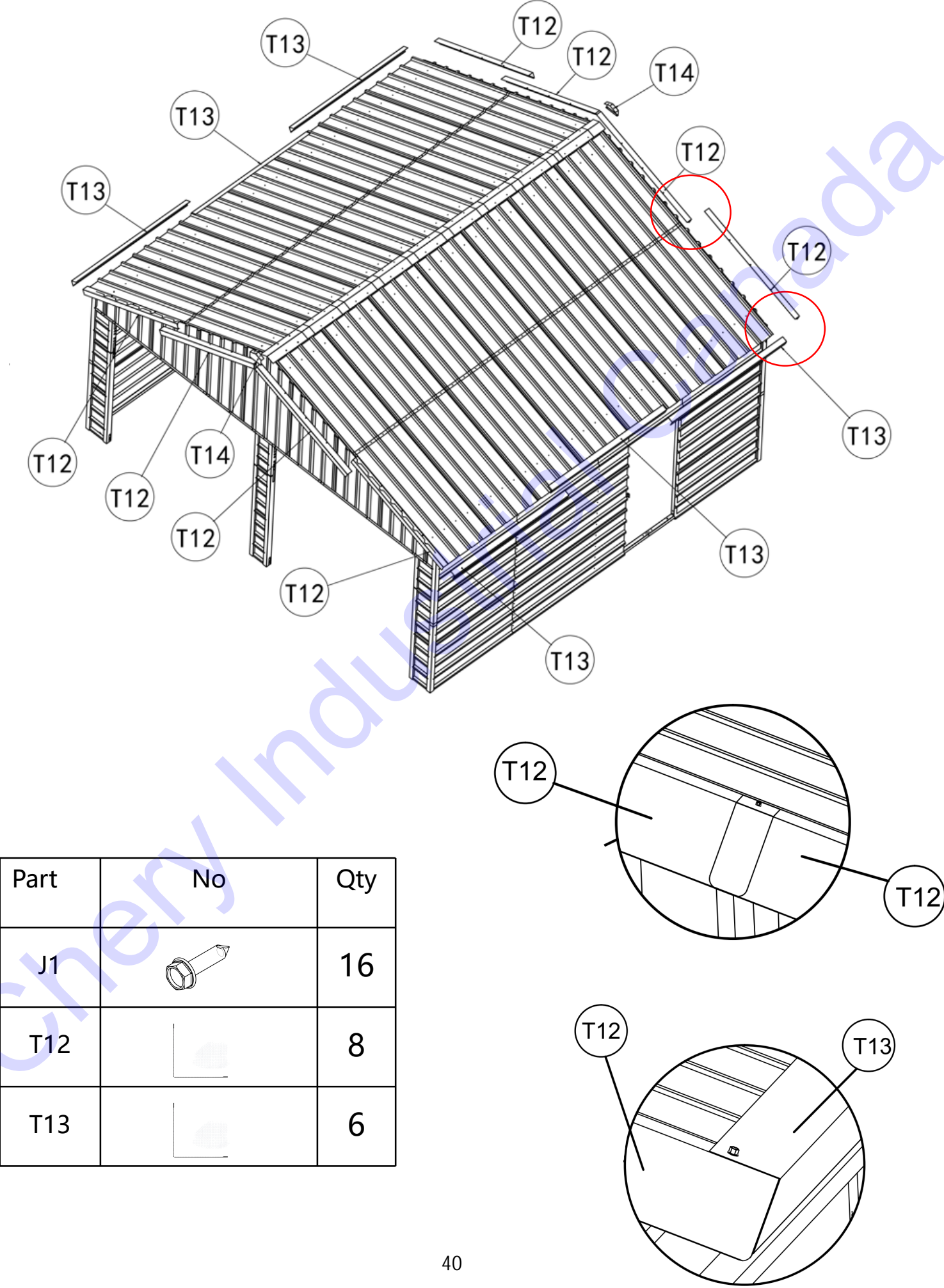
STEP 10: Front Door Panel Installation.

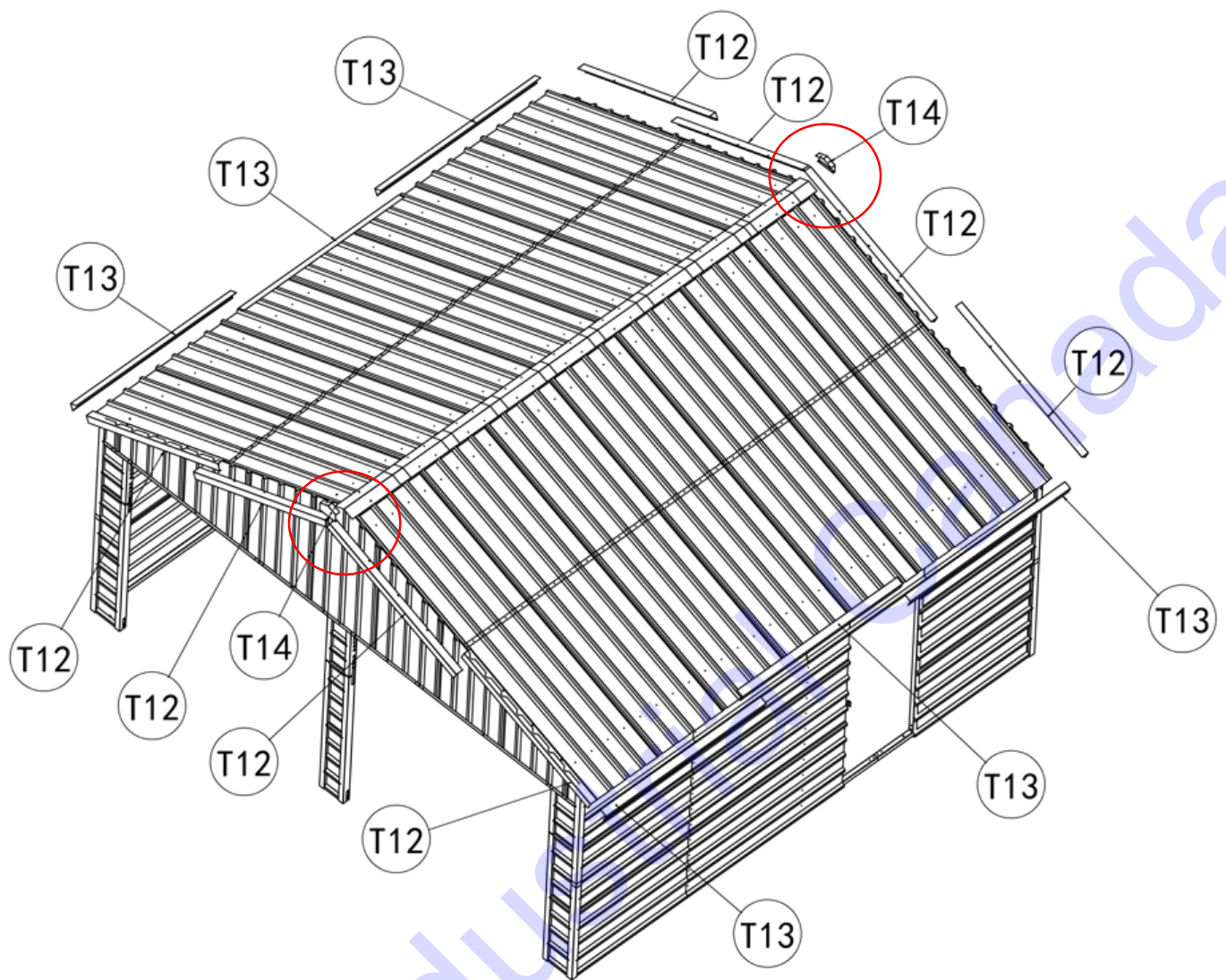


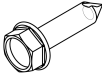
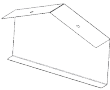
Part	No	Qty
J1		108
F7		108
W06		1
W07		1
W08		1
W09		1
W10		1
W11		1

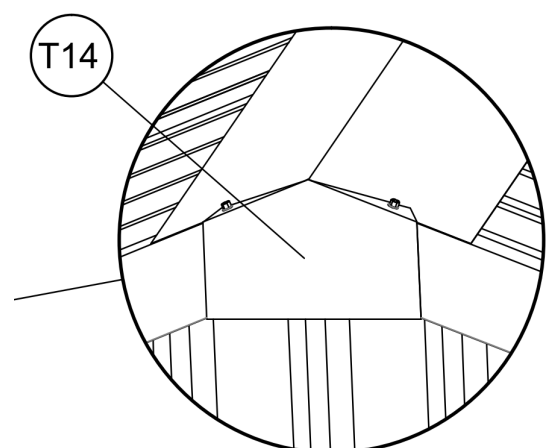
Part	No	Qty
W12		1
W13		1
W14		1
W15		4
W16		2
W17		2
W18		1

STEP 11: Install The Top Wrapping Strip

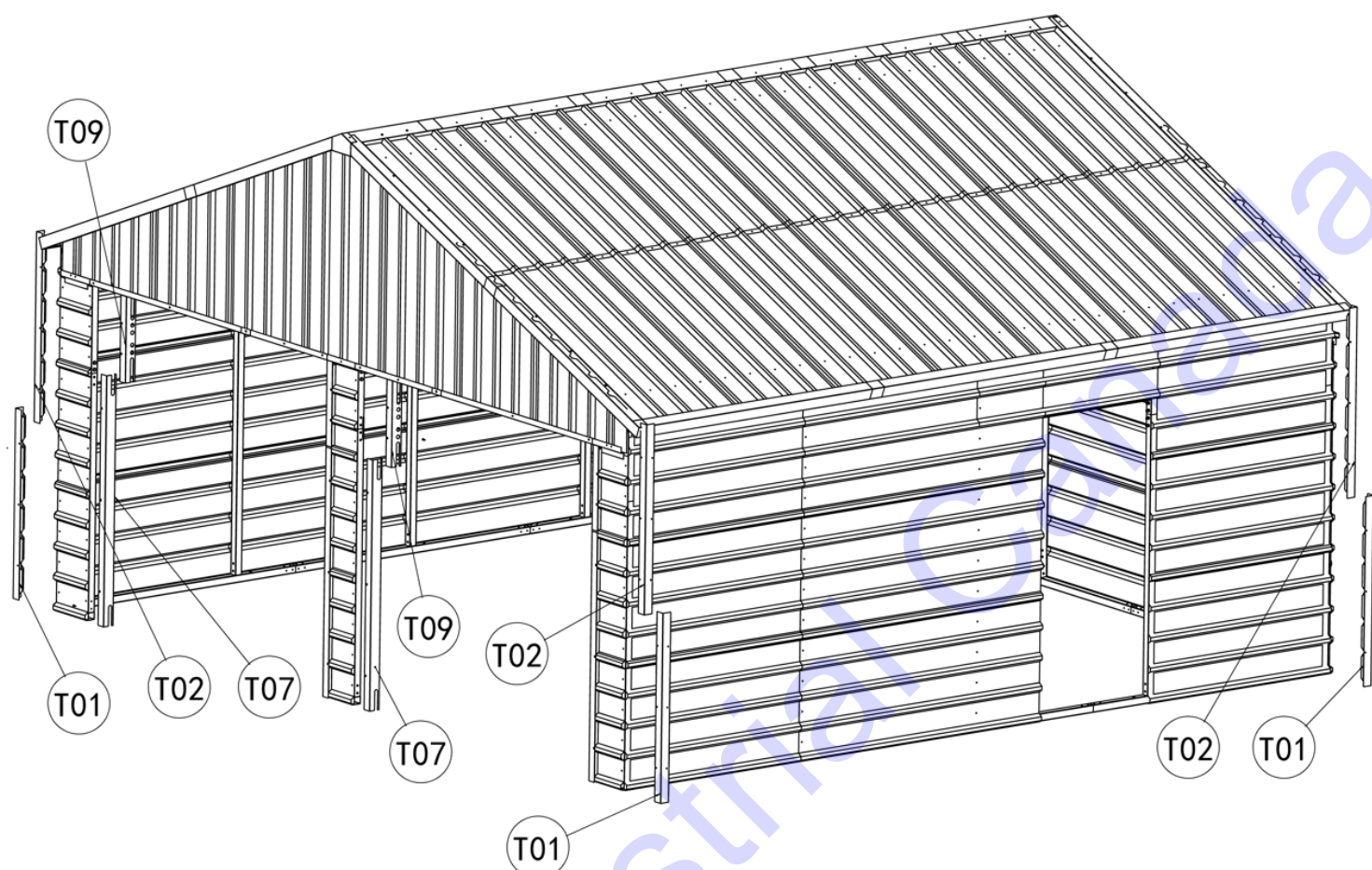


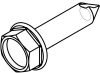






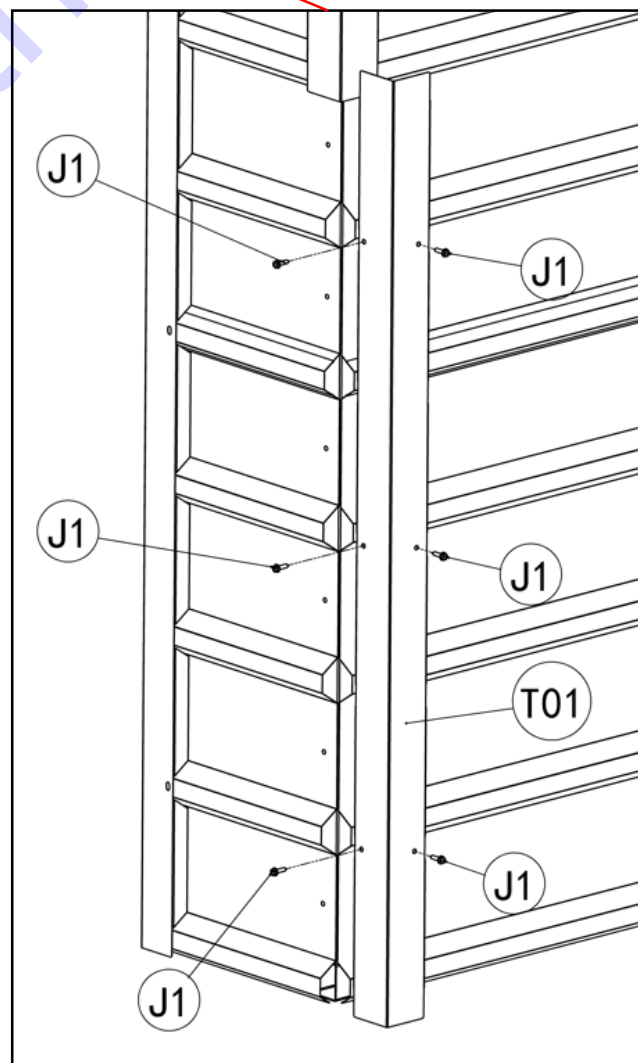
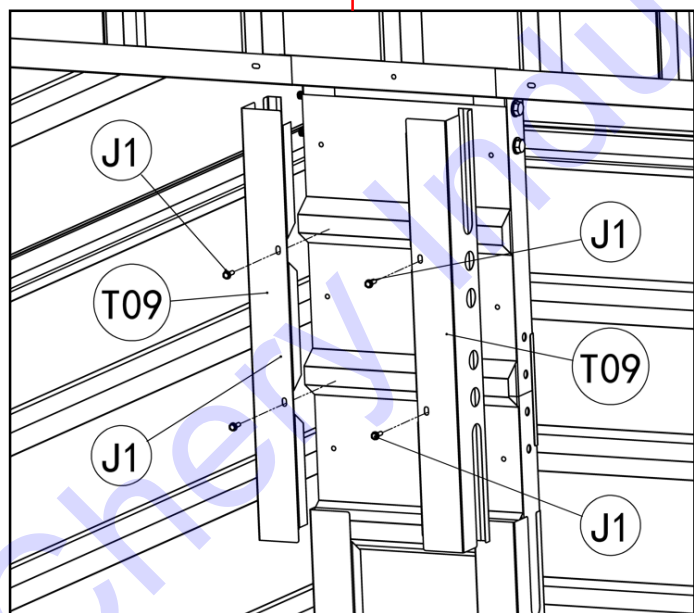
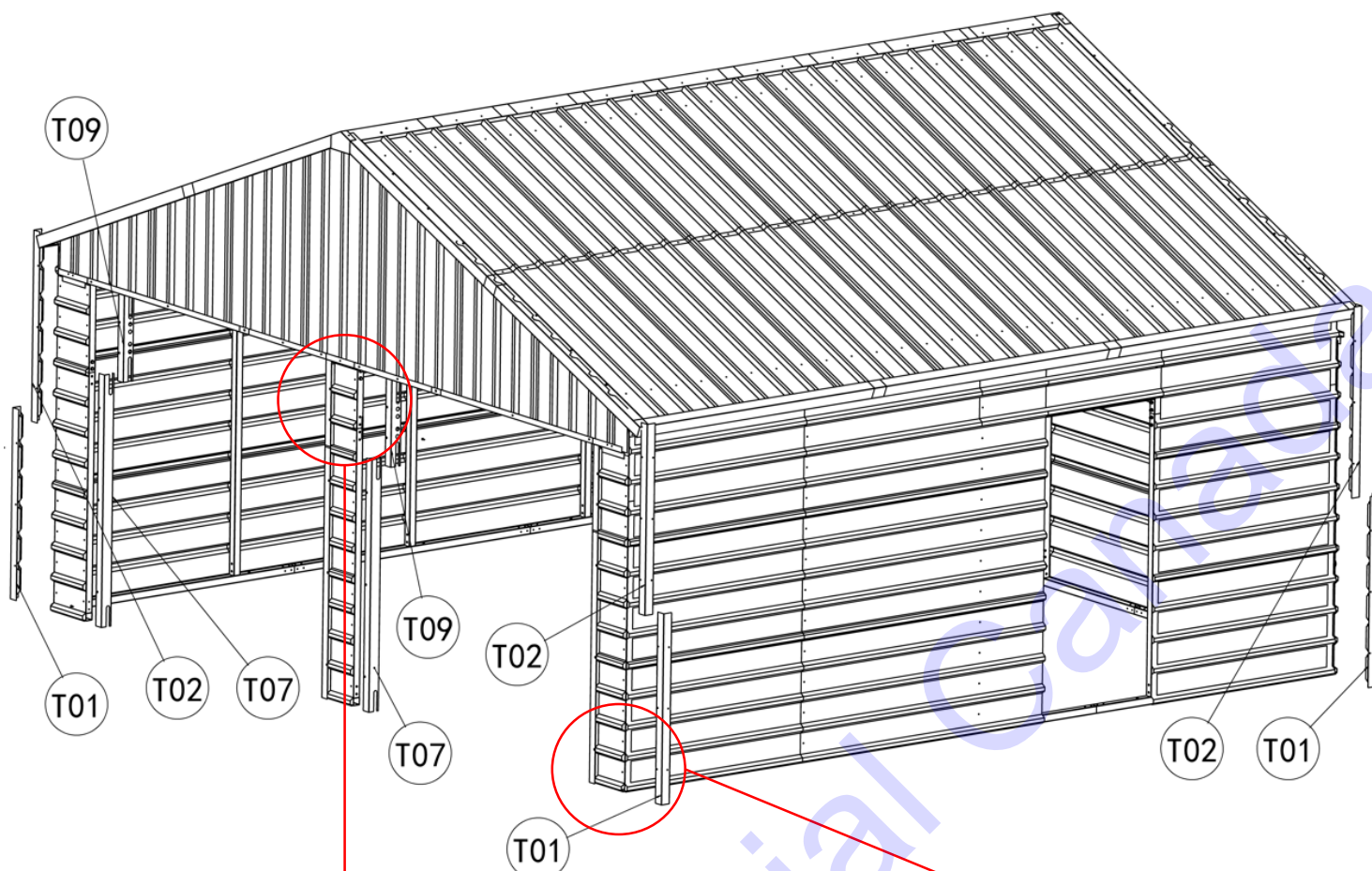
Part	No	Qty
J1		4
T14		2

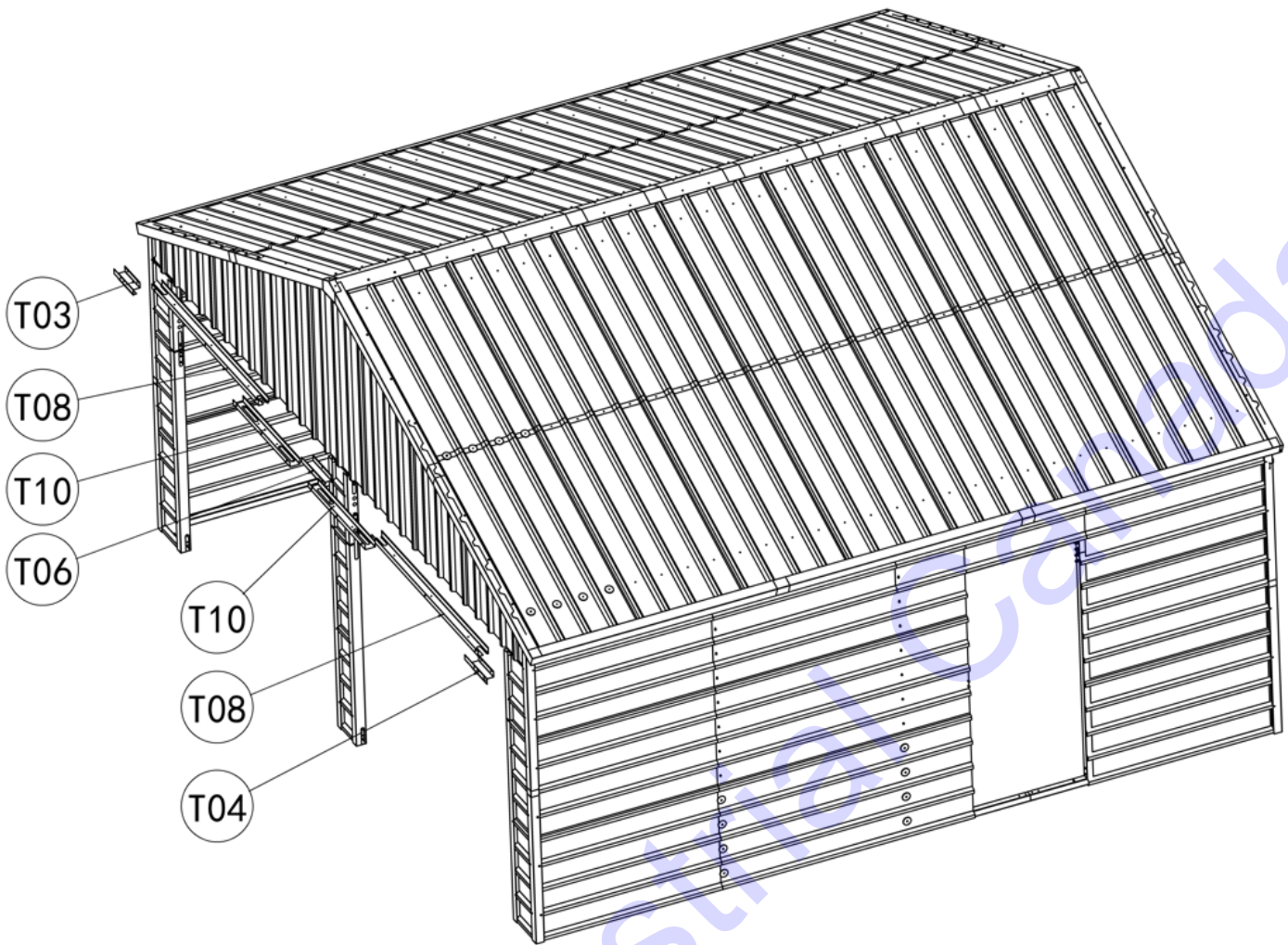


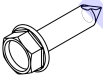



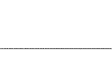
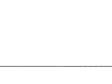
STEP 12: Install The Wall Wrapping Strip

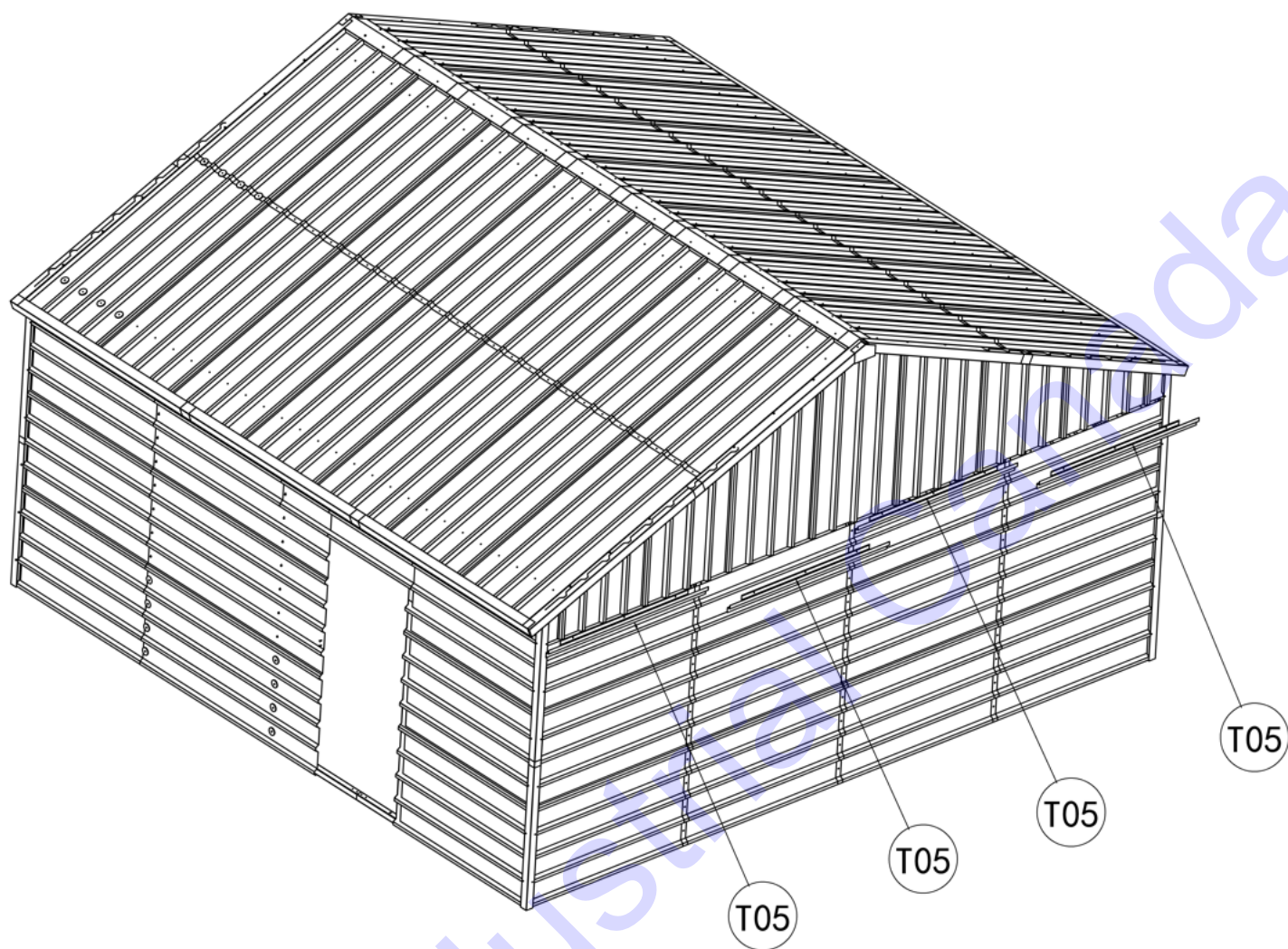


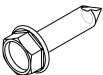

Part	No	Qty
J1		81
T01		4
T02		4
T07		4
T09		4



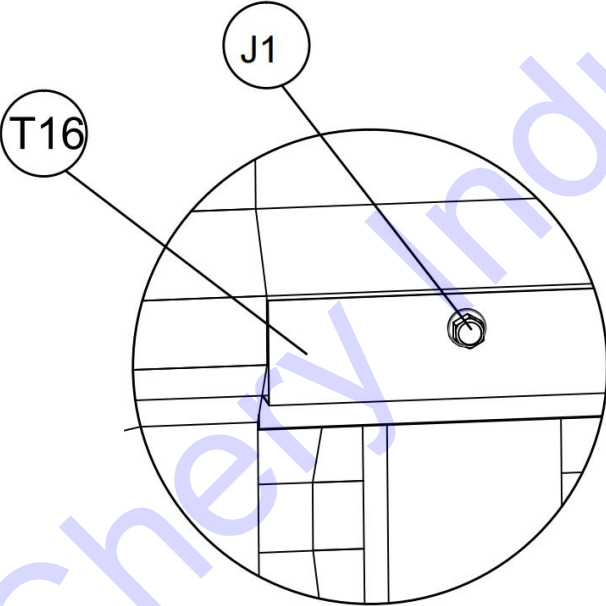
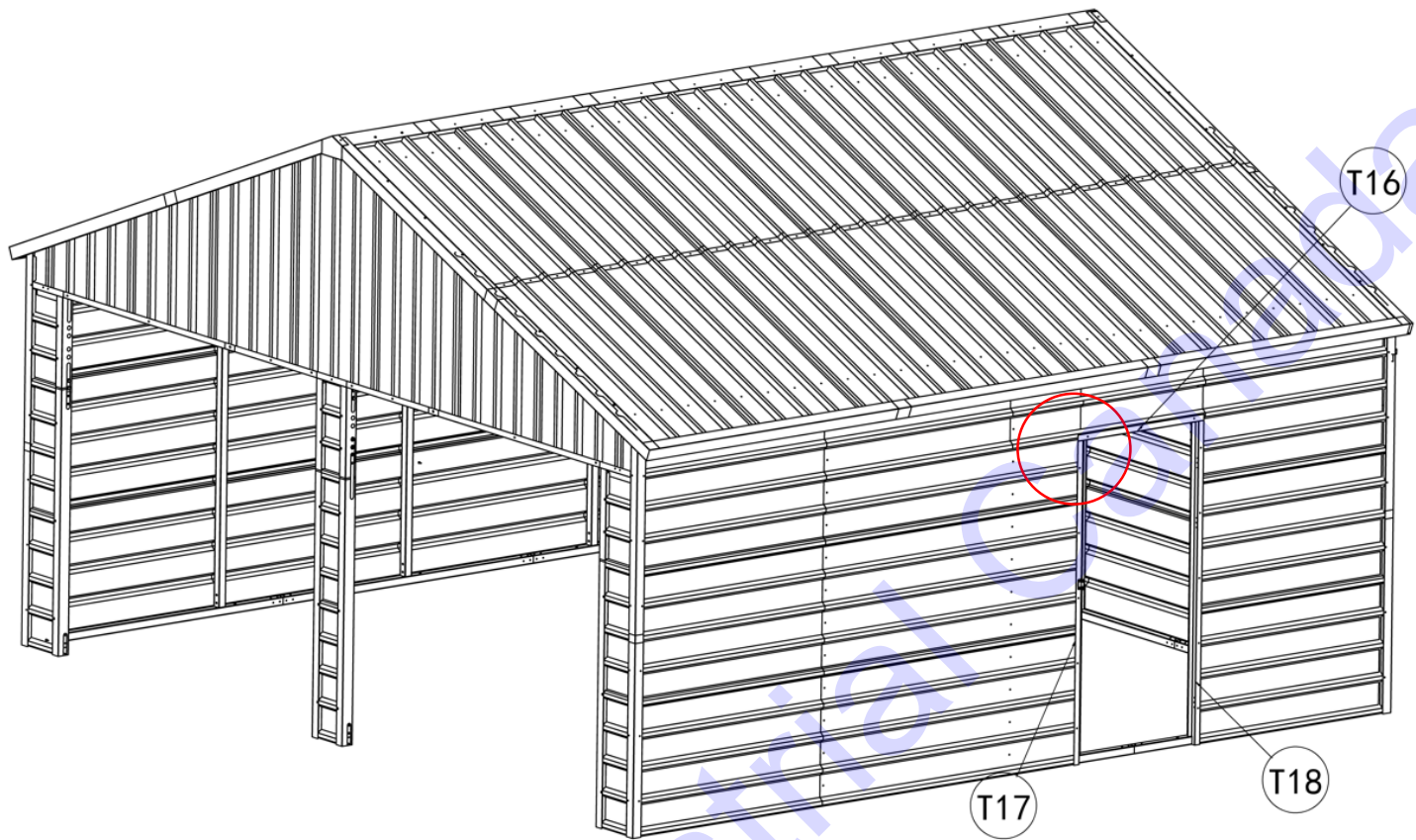





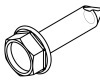
Part	No	Qty
J1		21
T03		1
T04		1
T06		1
T08		2
T10		2



Part	No	Qty
J1		12
T05		4

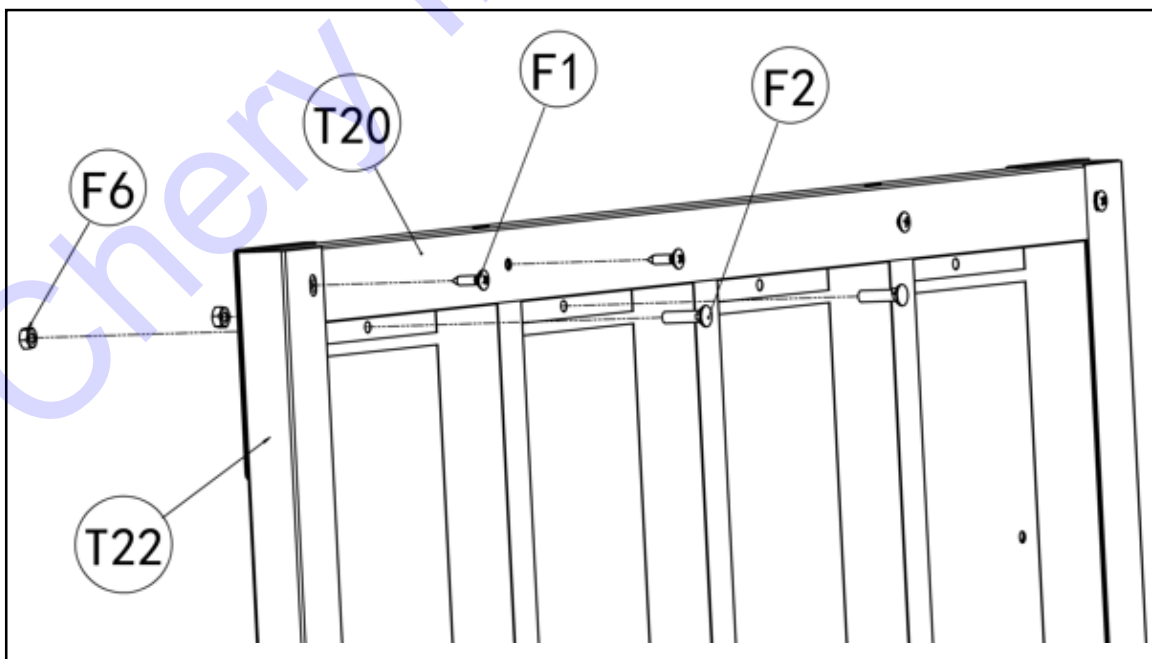
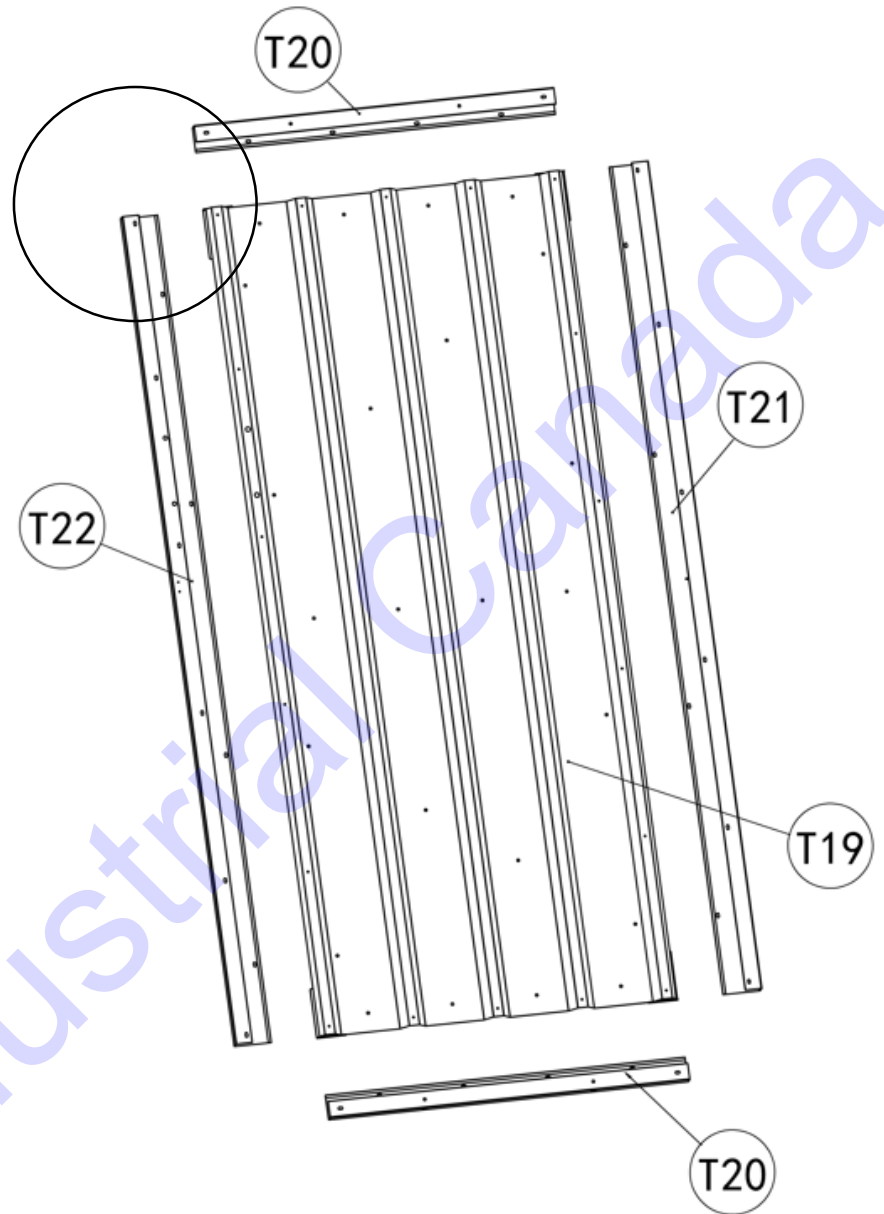
STEP 13: Install SideTrim Strips

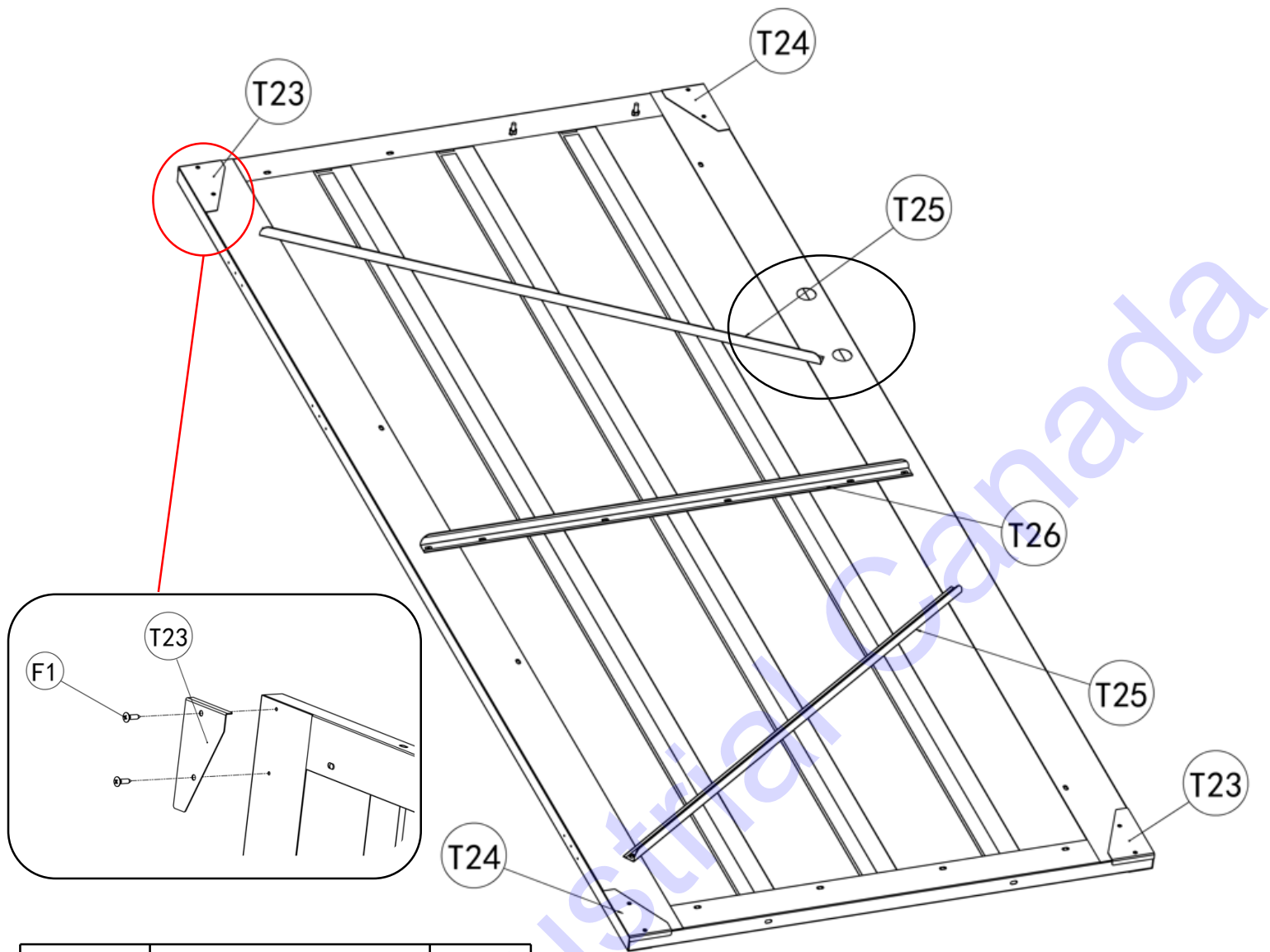


Part	No	Qty
T16		1
T17		1
T18		1
J1		13

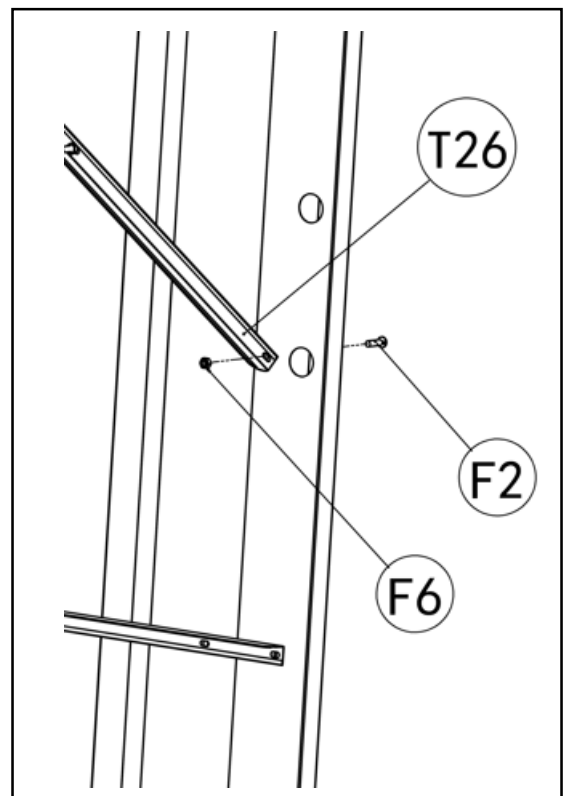
STEP 14: Door Assembly - Side Door

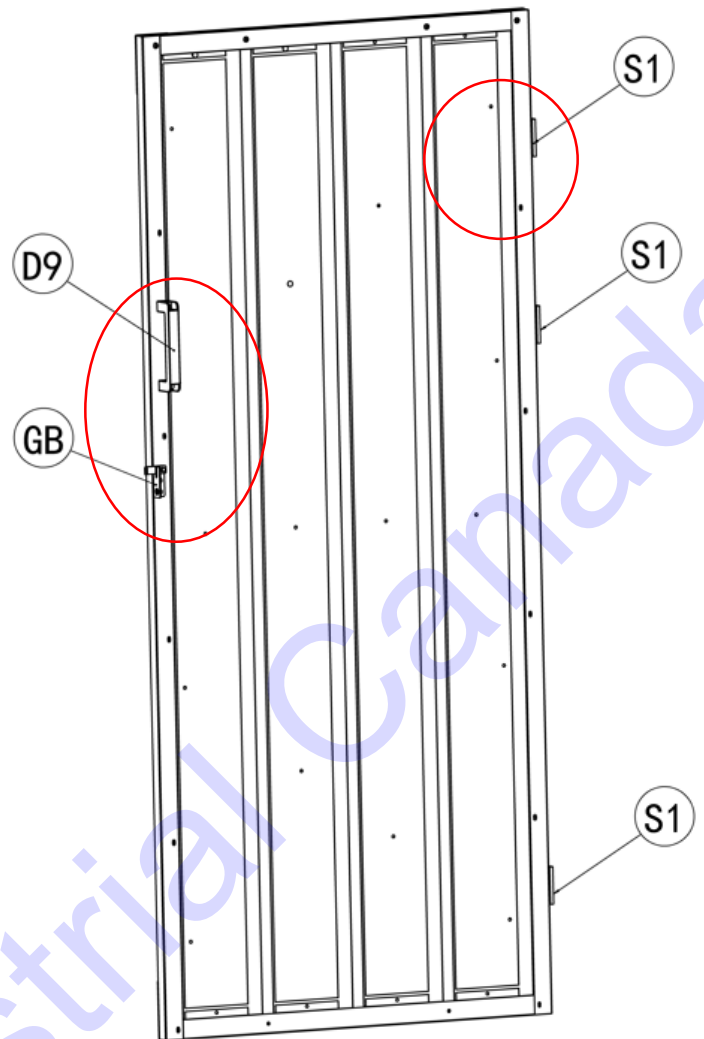
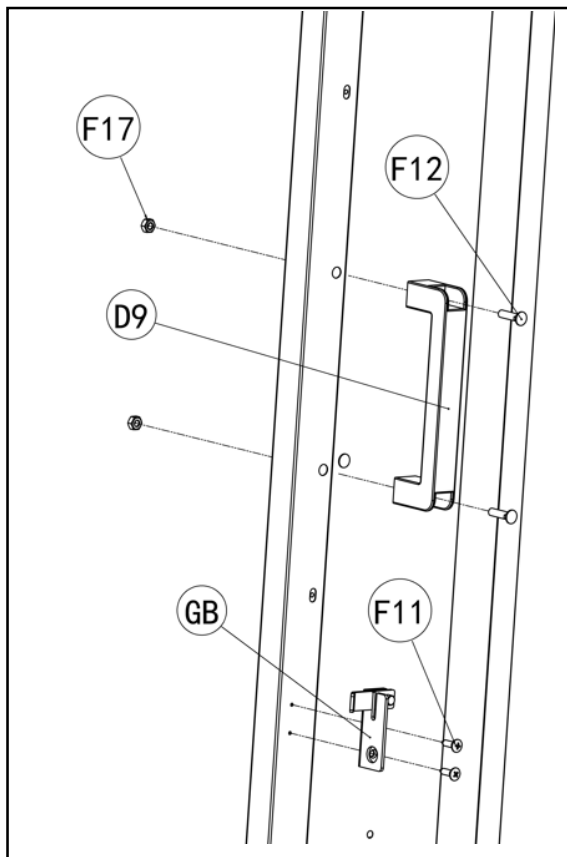
Part	No	Qty
T20		2
T21		1
T22		1
T19		1
F1		16
F2		8
F6		8






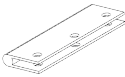


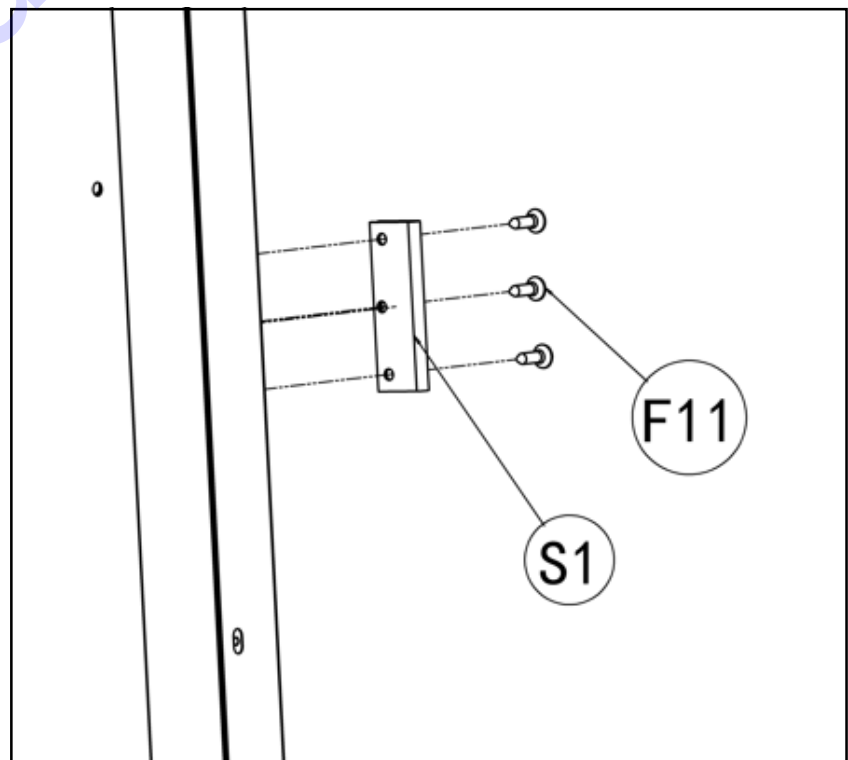


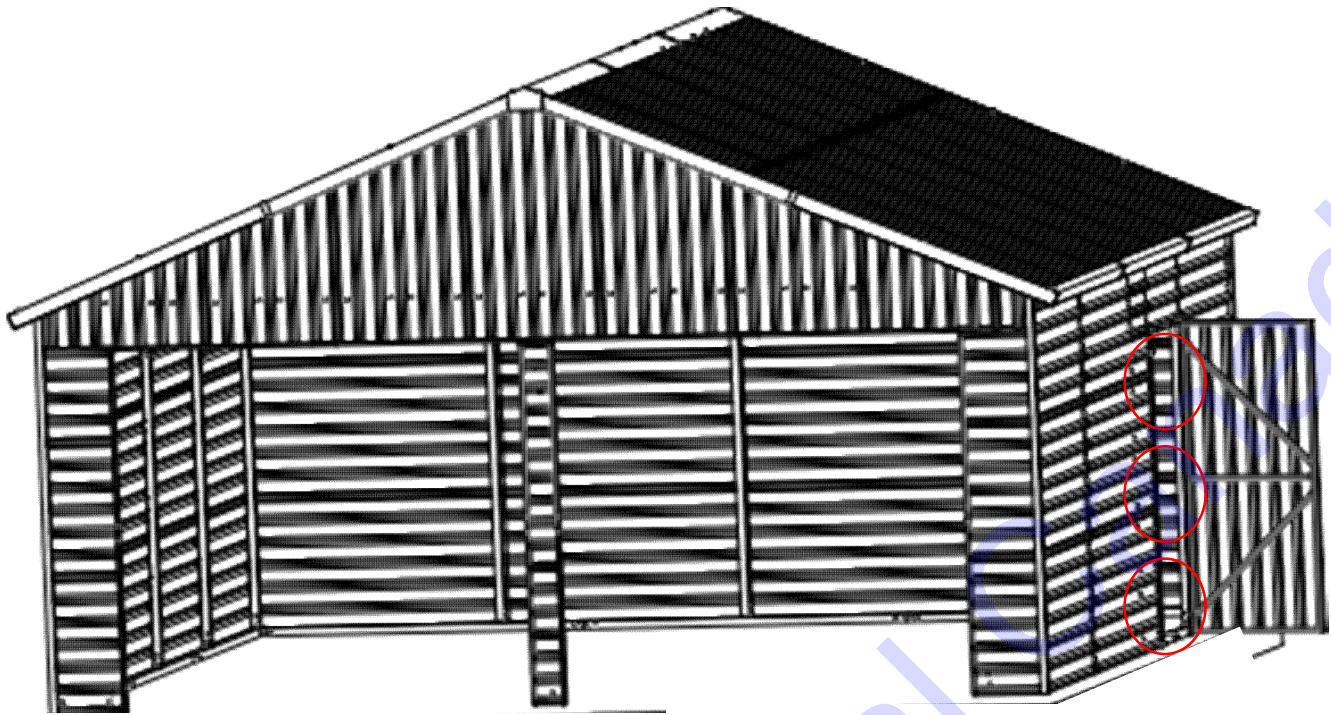
Part	No	Qty
T25		2
T26		1
F2		12
F6		12
F1		8
T23		2
T24		2




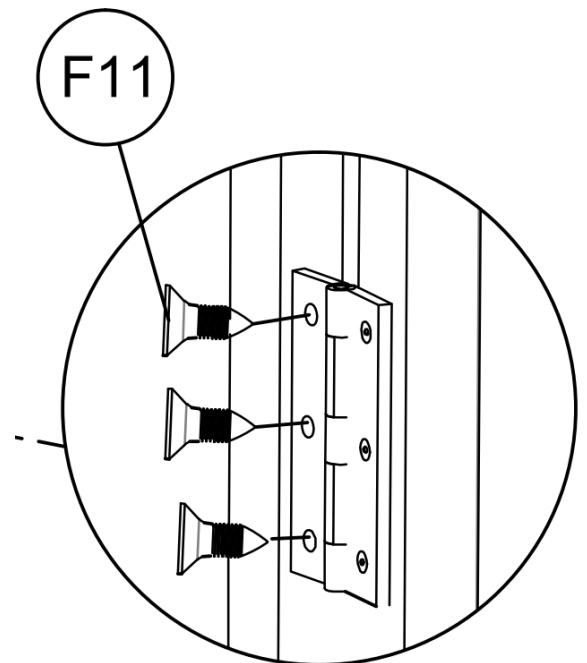


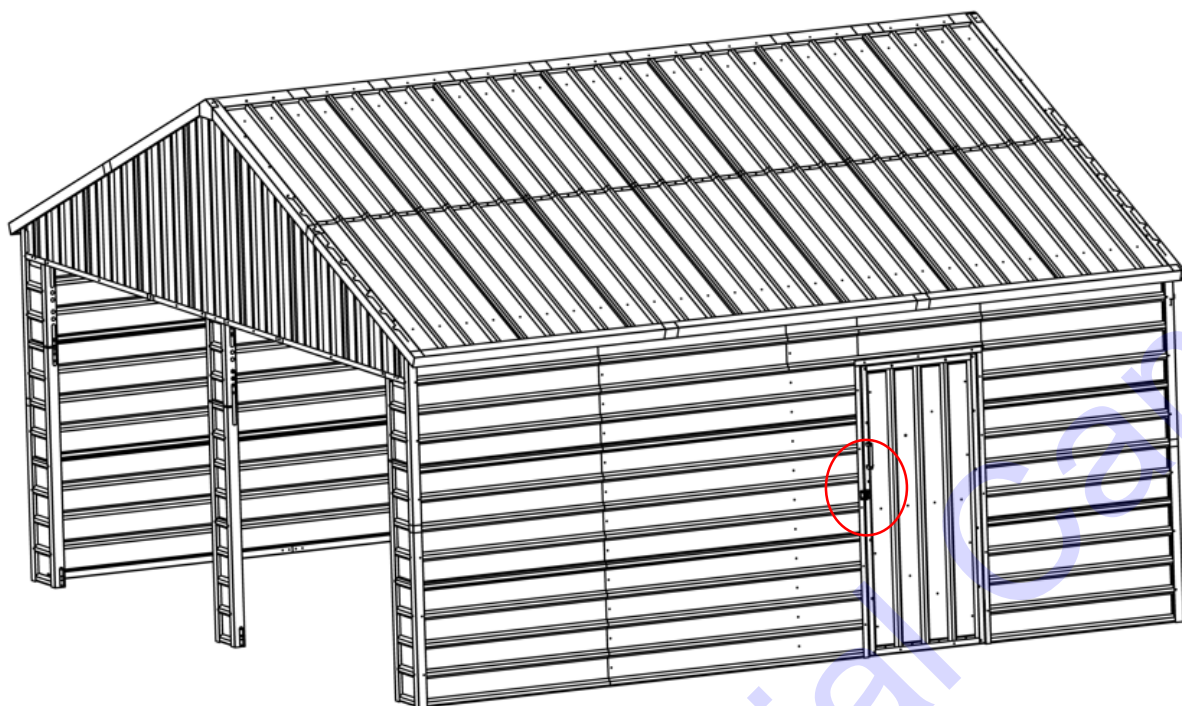
Part	No	Qty
D9		1
GB		1
F12		2
F17		2
F11		11
S1		3






Part	No	Qty
F11		9





Part	No	Qty
F11		2

