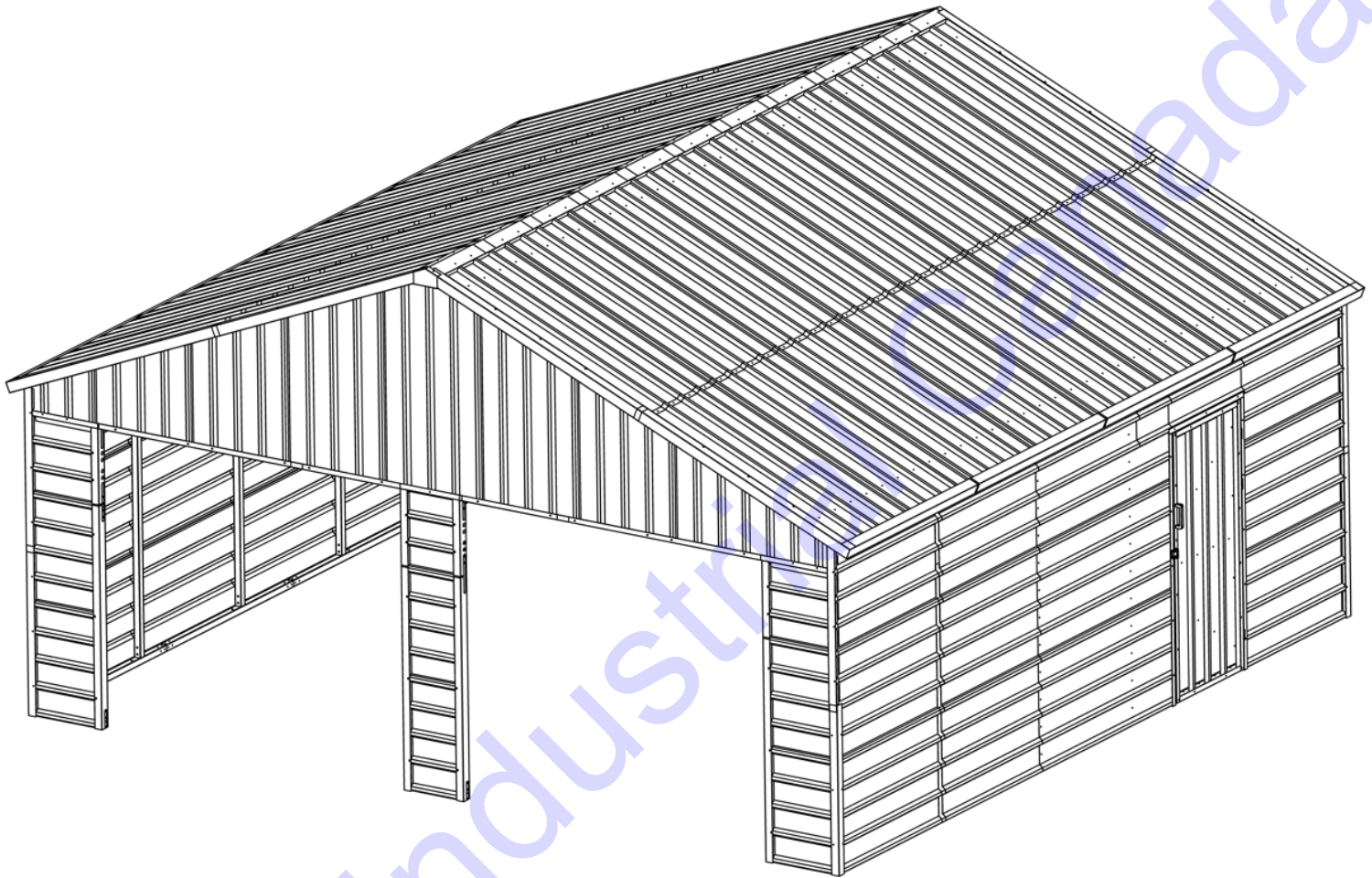


23*22ft Double Garage Metal Shed

Installation Instructions

W280"*D263"*H155"



Thank you for choosing us!
It will take 8-12 hours for 4-5 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 tree, 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.

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:

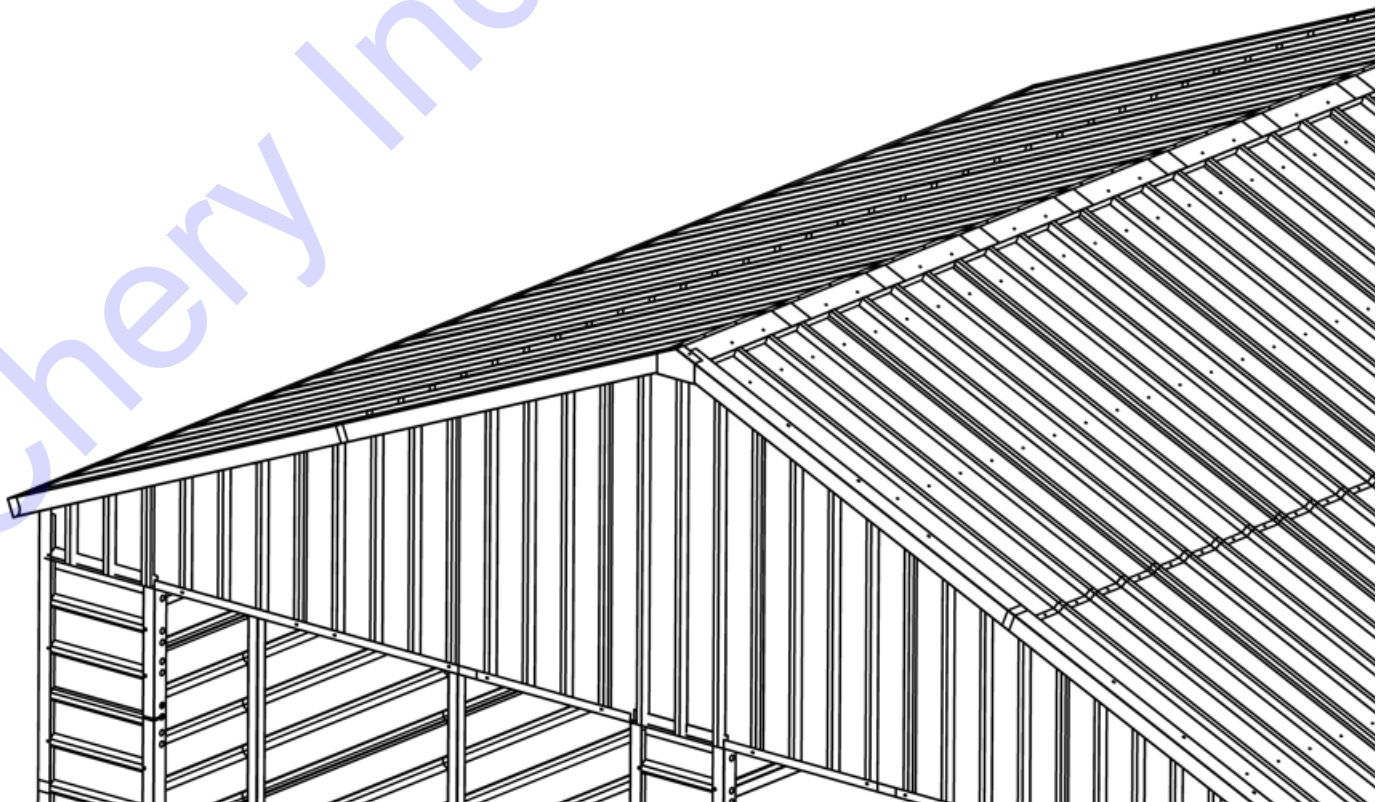
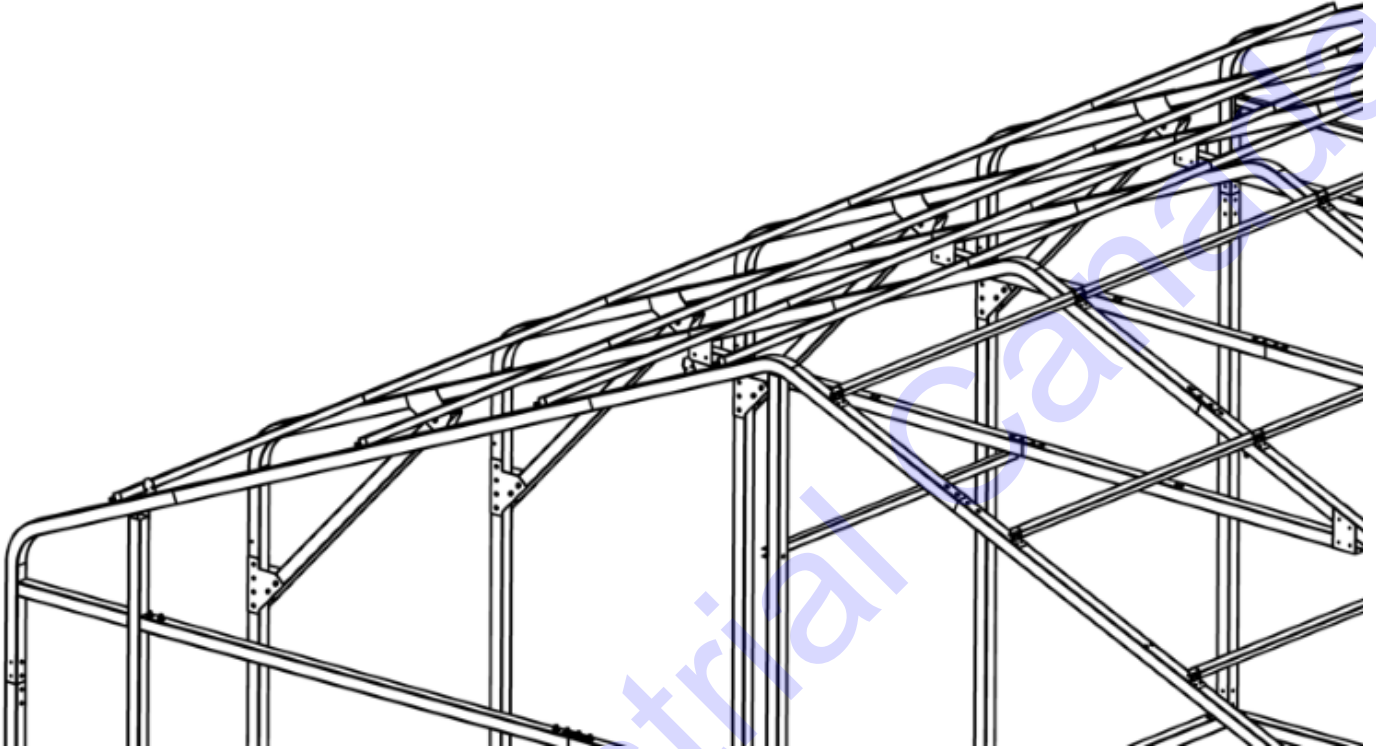
- Inked part numbers on coated panels could be washed off with soap and water.

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












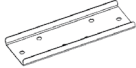







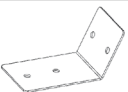


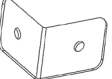










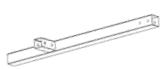


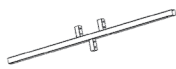
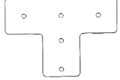







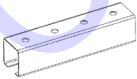


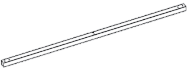





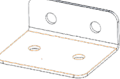

- Do not store any swimming pool chemicals in your shed.

Combustibles and corrosives must be stored in airtight approved containers before storing in the shed.


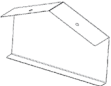
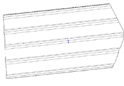







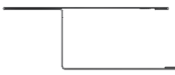




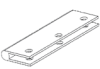

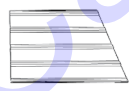

















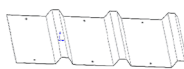

















FRAME STRUCTURE DIAGRAM



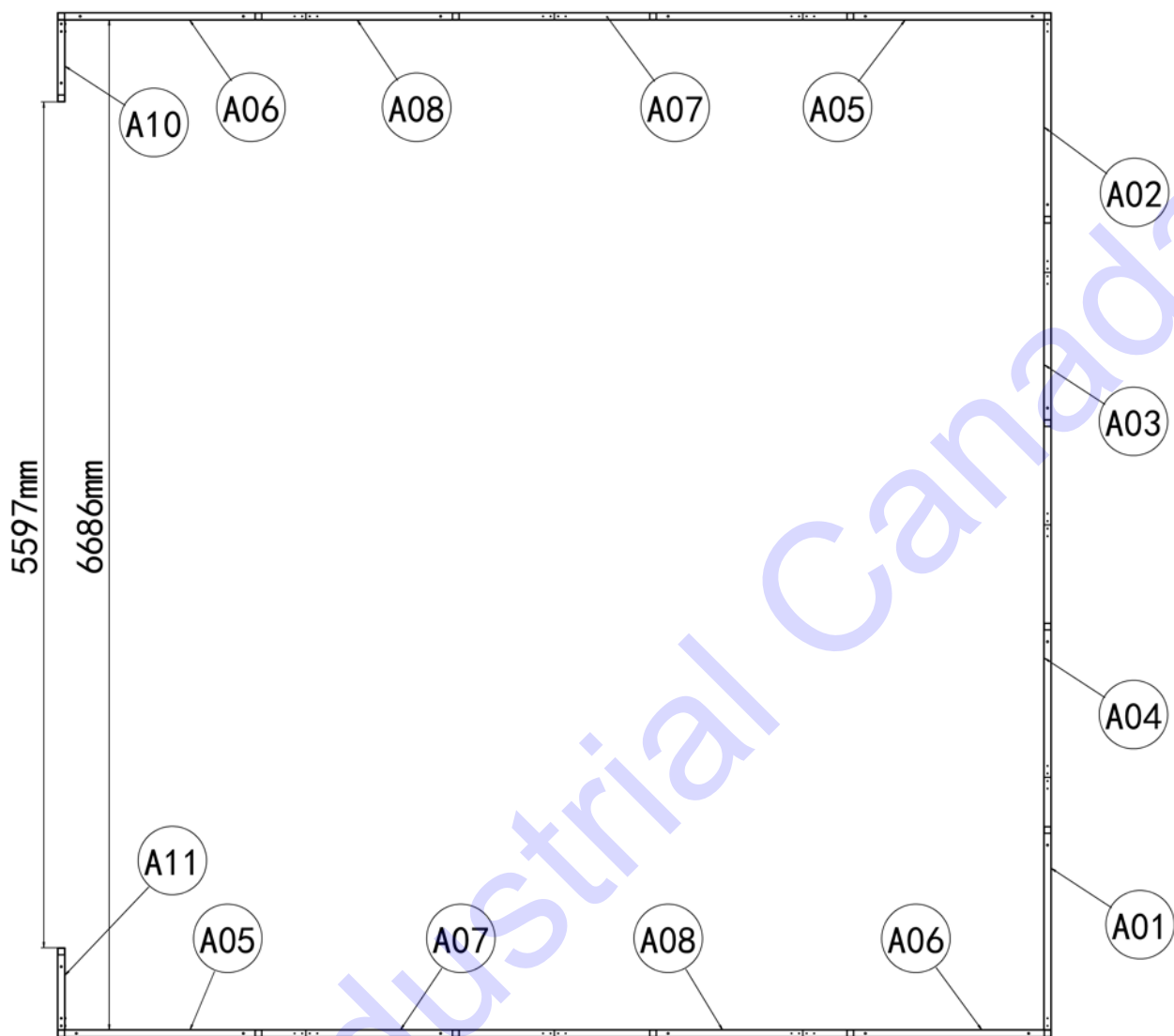
Parts List (1)

Part	No	Qty	Part	No	Qty	Part	No	Qty
	A01	1		B07	2		B27	40
	A02	1		B08	2		B28	1
	A03	1		B09	2		B29	8
	A04	1		B10	2		B35	20
	A05	2		B11	1		B36	3
	A06	2		B12	2		B37	4
	A07	2		B13	6		B40	16
	A08	2		B14	22		D9	1
	A09	1		B15	4		F1	26
	A10	1		B16	2		F2	16
	A11	1		B17	2		F6	22
	A12	2		B18	5		F7	1152
	A13	1		B19	1		F11	22
	B01	13		B20	8		F12	2
	B02	6		B21	8		F17	2
	B03	42		B23	8		F18	12
	B04	12		B24	16		F19	10
	B05	4		B25	8		GB	1
	B06	4		B26	48		H	1

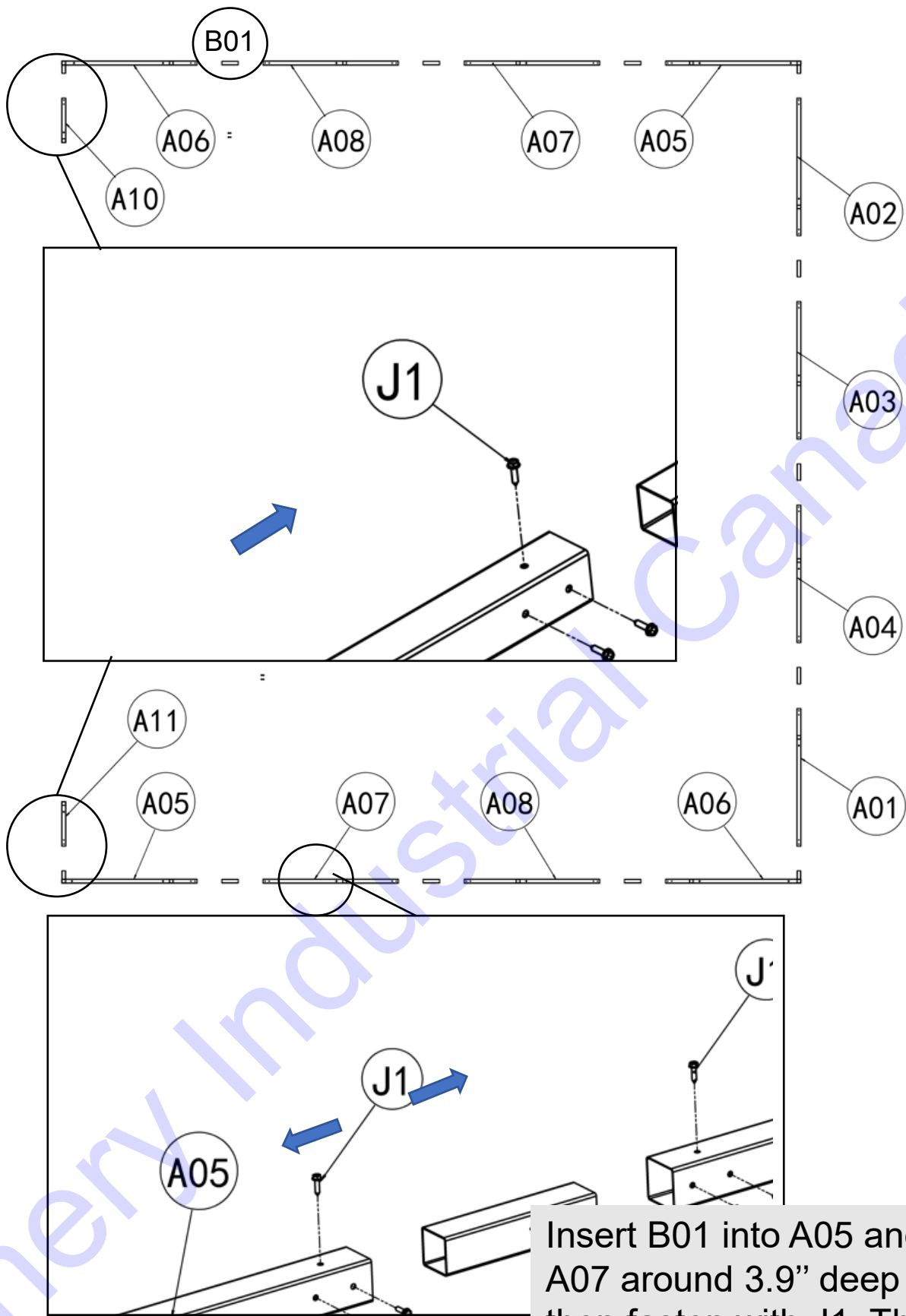
Parts List (2)

Part	No	Qty	Part	No	Qty	Part	No	Qty
	J1	1172		T14	2		W05	2
	J2	258		T15	38		W06	2
	J3	258		T16	1		W07	2
	J4	258		T17	1		W08	2
	J5	19		T18	1		W09	2
	S1	3		T19	1		W10	2
	T01	4		T20	2		W11	2
	T02	4		T21	1		W12	2
	T03	2		T22	1		W13	2
	T05	5		T23	2		W14	24
	T06	1		T24	2		W15	4
	T07	4		T25	2		W16	2
	T08	2		T26	1		W17	2
	T09	4		T27	4		W18	1
	T10	2		W01	16		W19	3
	T11	11		W02	16		W20	1
	T12	8		W03	10		G1	8
	T13	8		W04	5			



STEP 1 : FOOT TUBE AND BASE PLATE INSTALLATION.



Part	No	Qty	Part	No	Qty
A01		1	A07		2
A02		1	A08		2
A03		1	A10		1
A04		1	A11		1
A05		2			
A06		2			

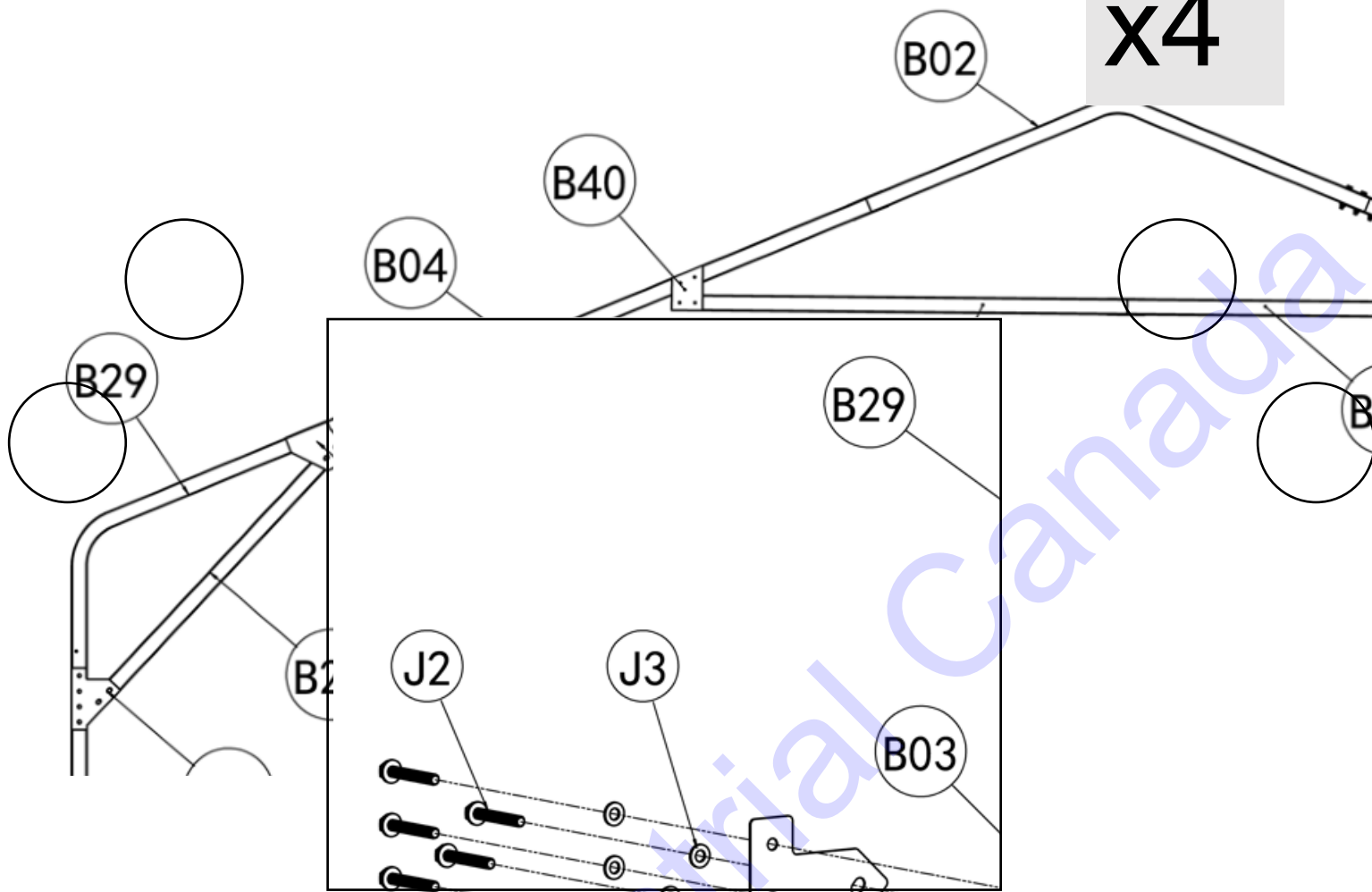


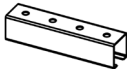





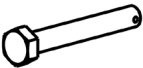


Insert B01 into A05 and A07 around 3.9" deep then fasten with J1. The rest is the same way.

Part	No	Qty
B01		9
J1		66

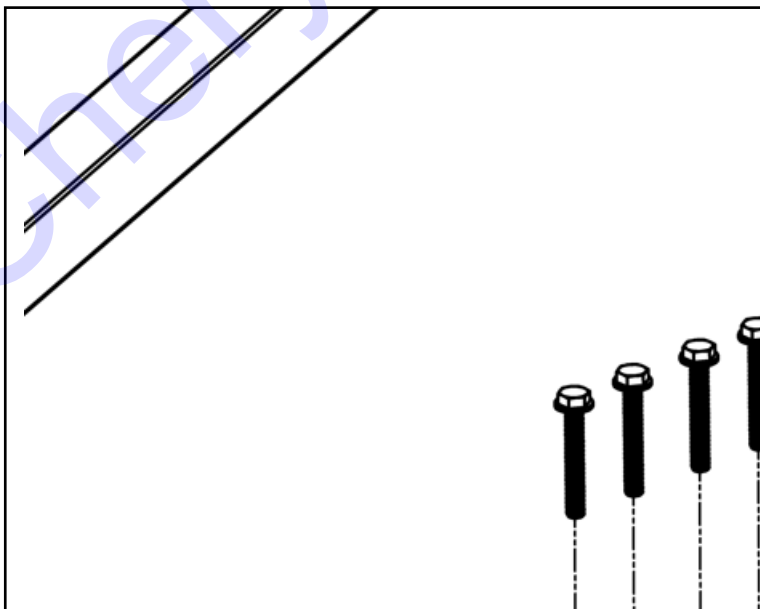
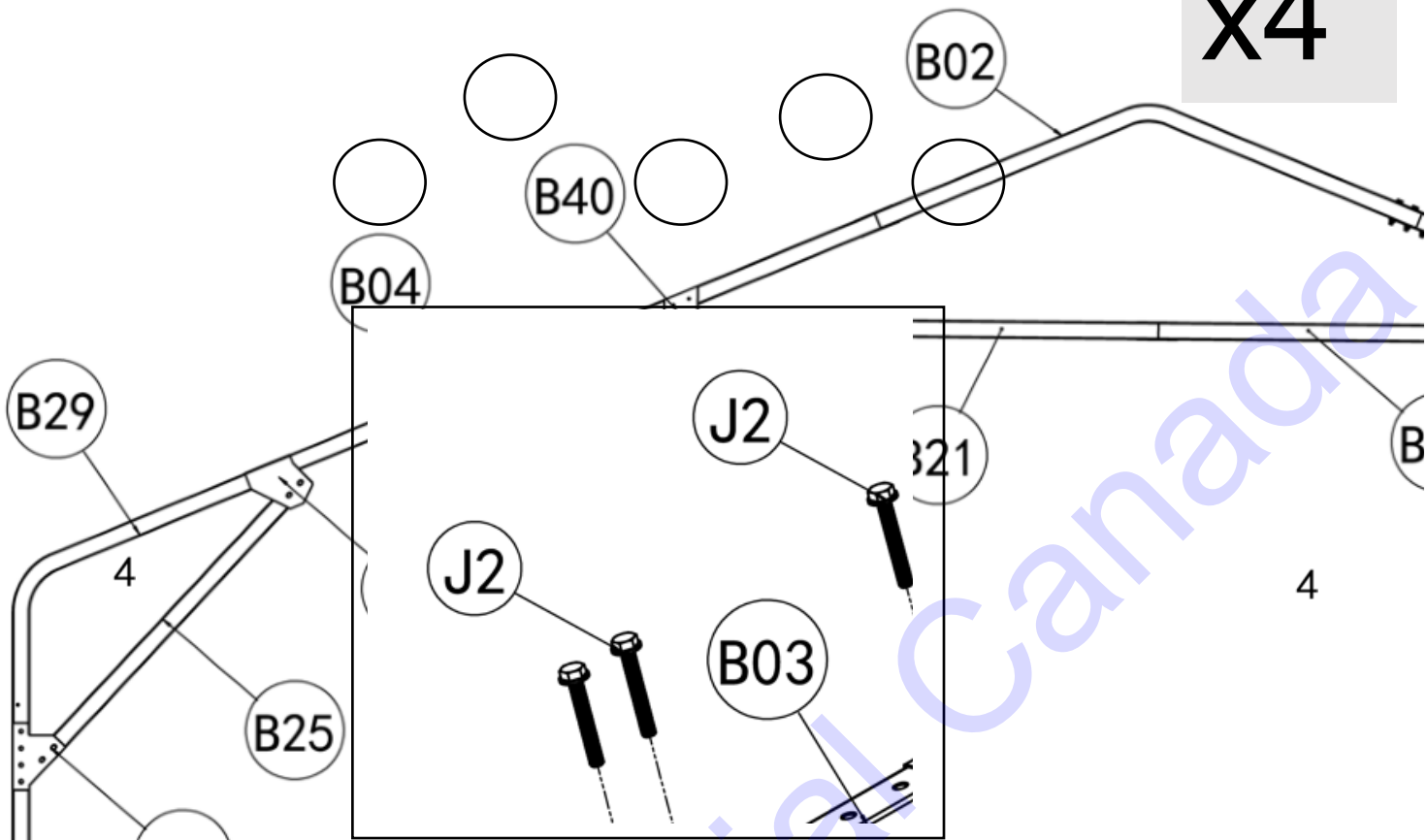
STEP 2 : Install The Middle Arch Frame


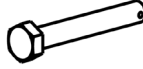




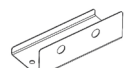


x4

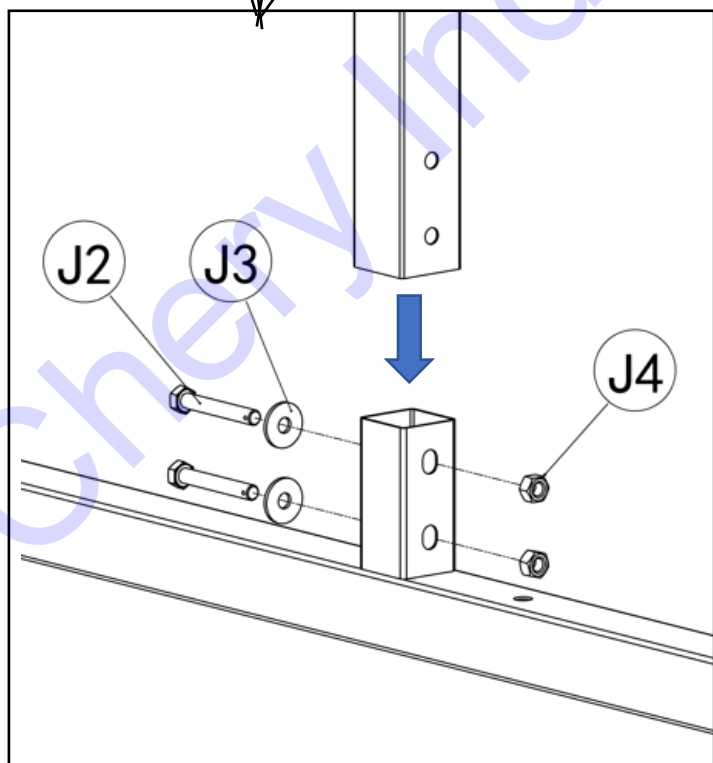
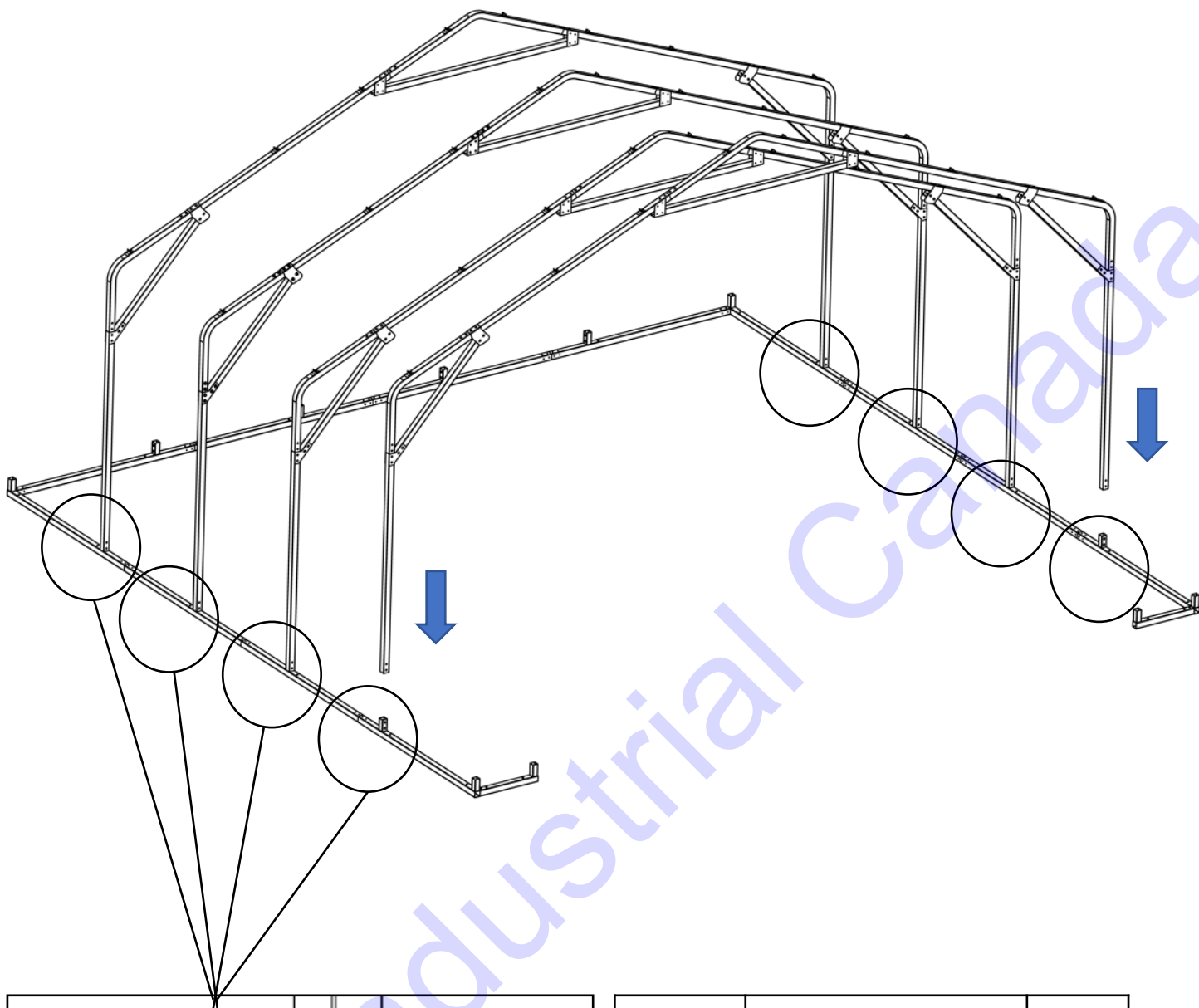


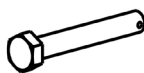


Part	No	Qty
B03		16
B04		8
B20		8
B25		8
B23		8
B29		8
J2		48
J3		48
J4		48
B24		16

x4



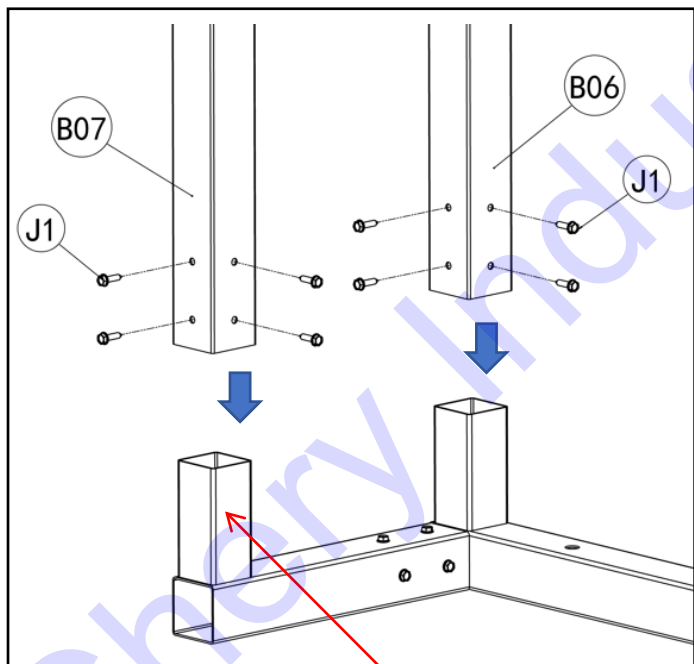
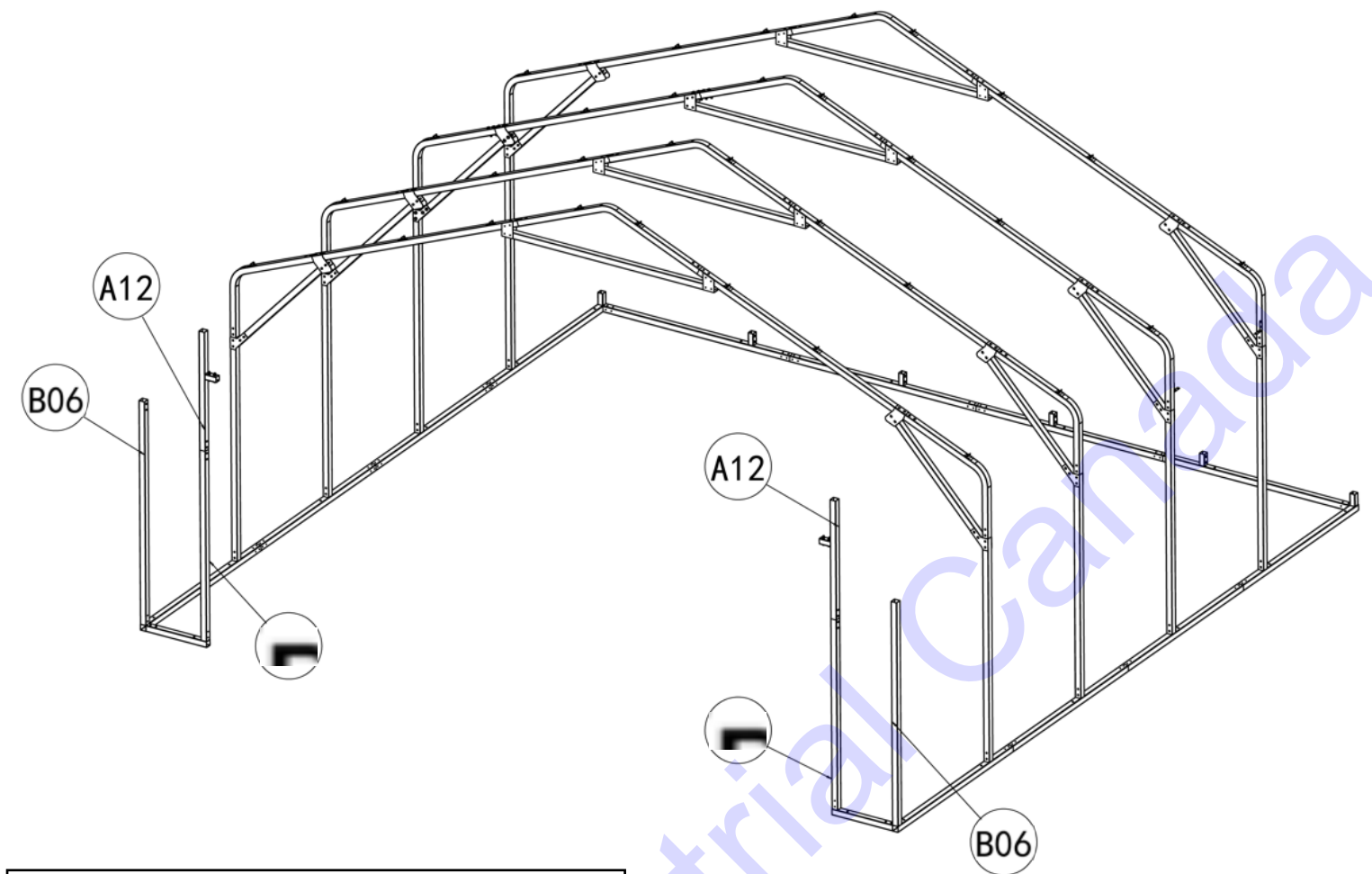
Part	No	Qty
B03		8
J2		48
J3		48
J4		48
J1		96
B40		16
B35		12
B02		4
B21		8



Part	No	Qty
J2		16
J3		16
J4		16

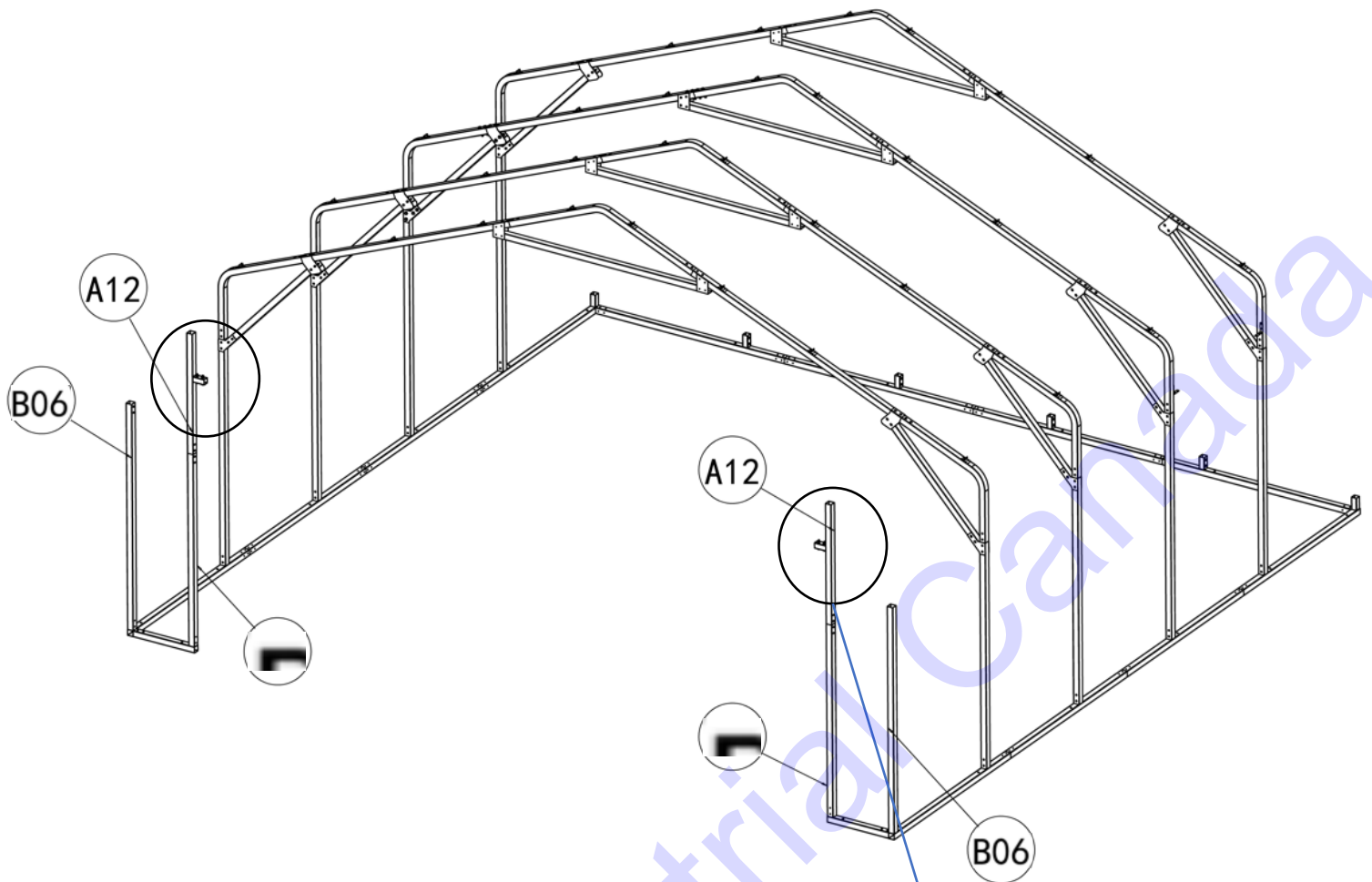
Note: Two people are required to lift the arch frame together and insert the pipe fitting.




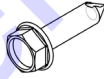
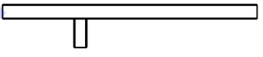

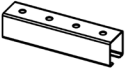
STEP 3 : Install The Front Arch Frame

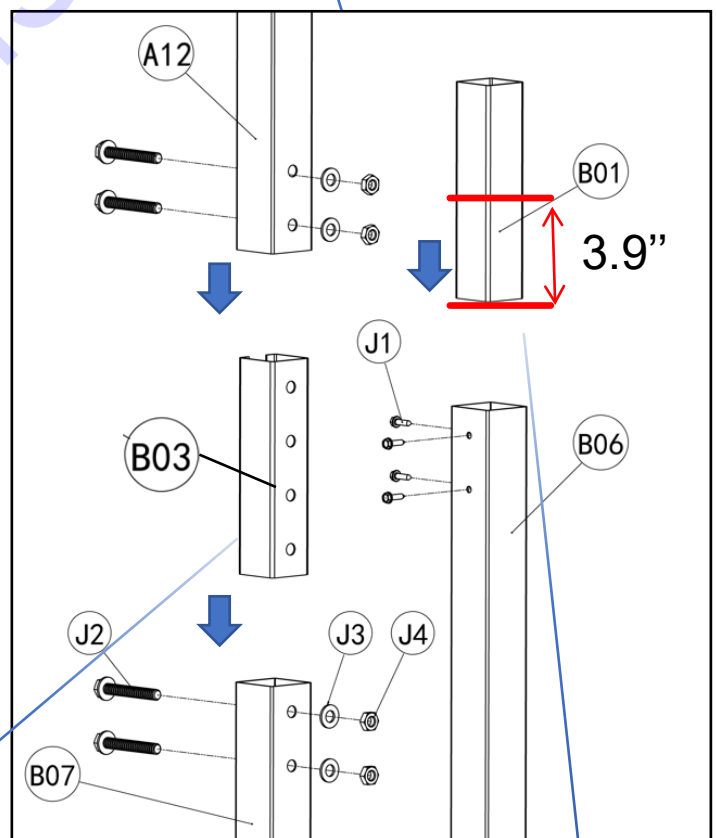


Part	No	Qty
J1		16
B06		2
B07		2

Note: Inside lock with J1, outside is not locked

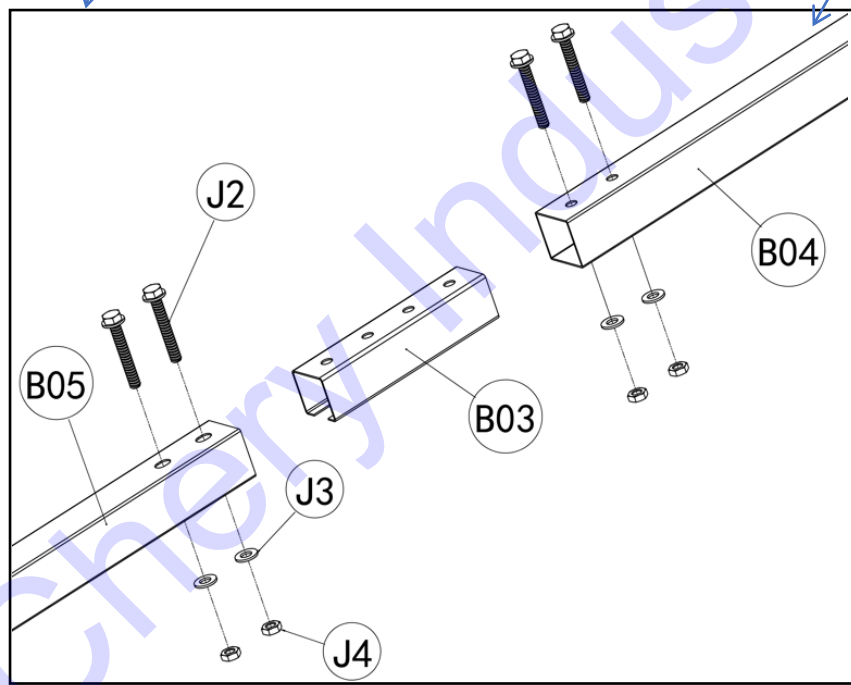
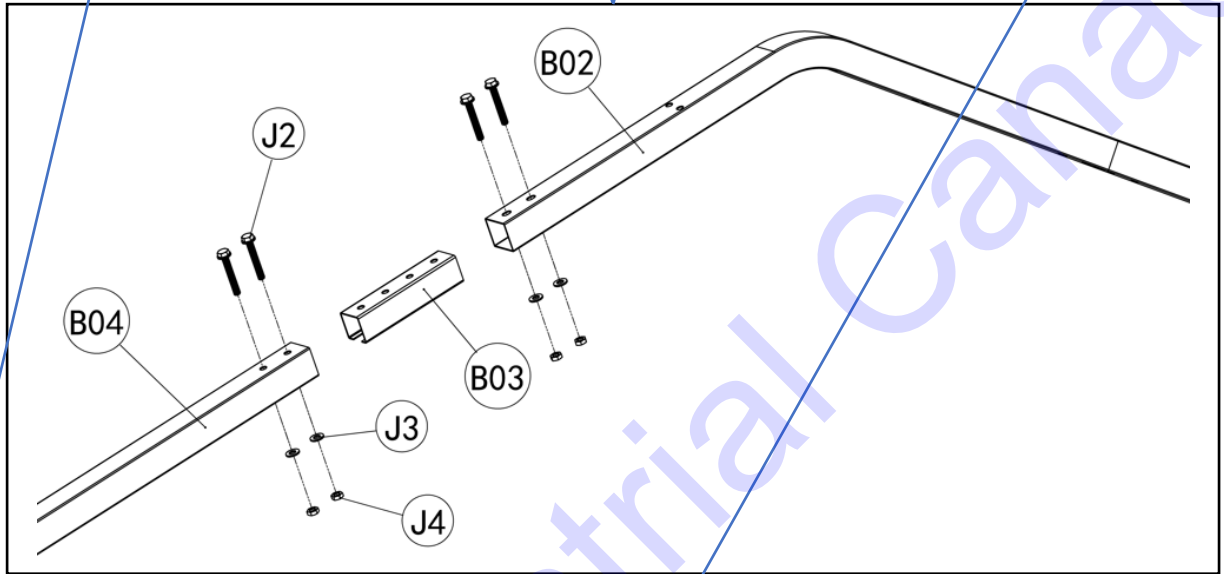
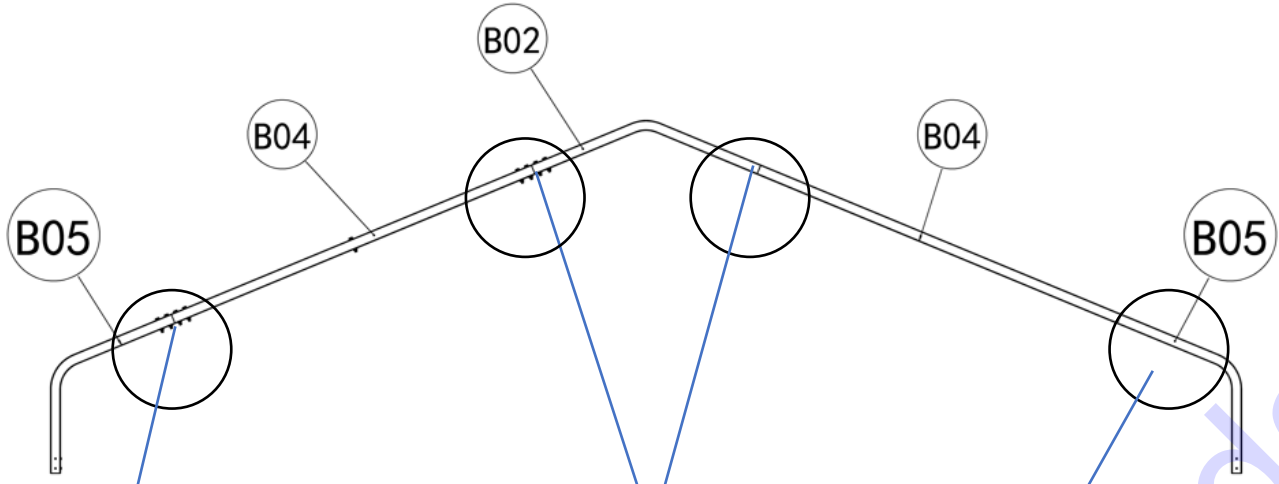


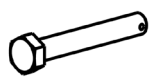



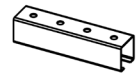
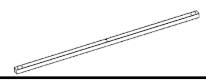
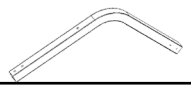
Part	No	Qty
J2		8
J3		8
J4		8
J1		8
A12		2
B01		2
B03		2

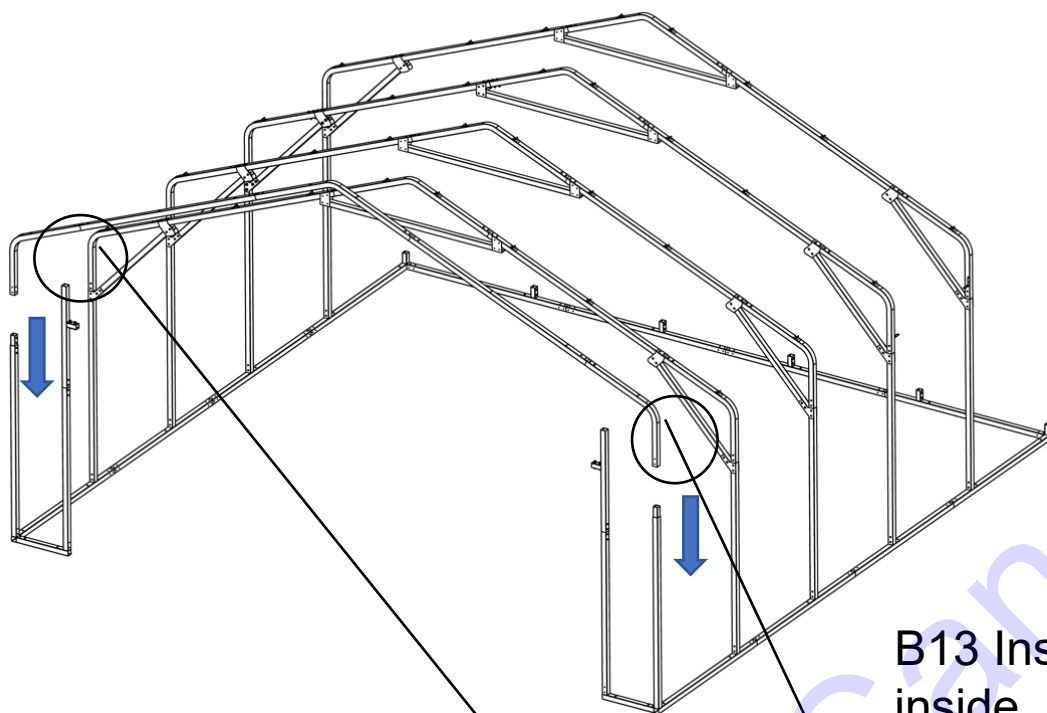


Insert B03 into B07 and A12 then fasten with J2,J3,J4.

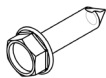
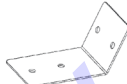
Insert B01 into B06 around 3.9" deep then fasten with J1.

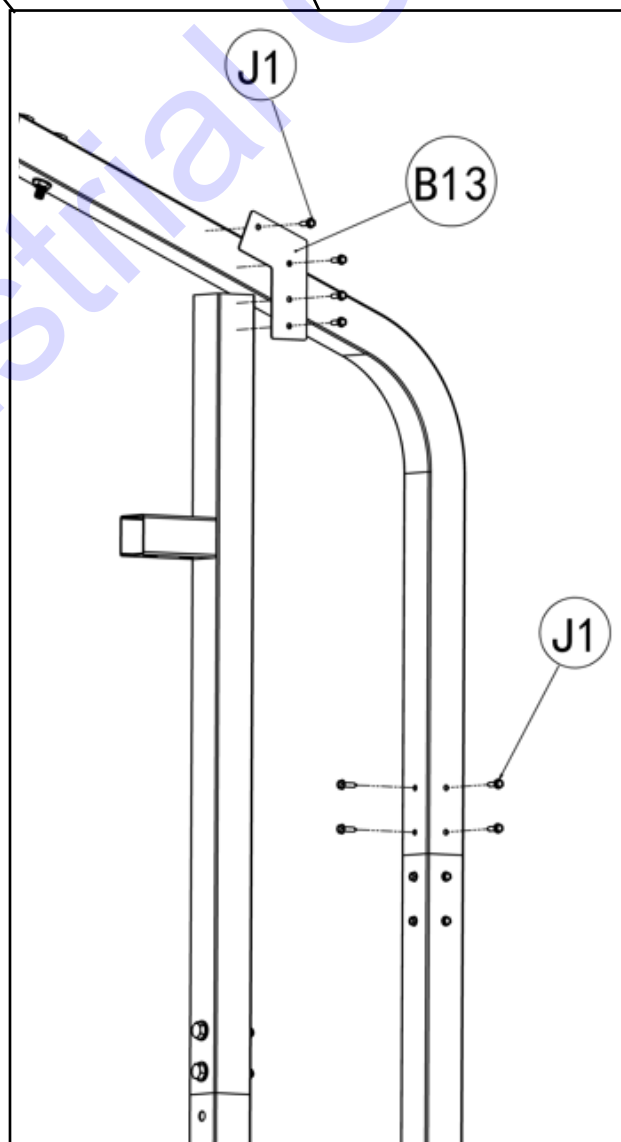


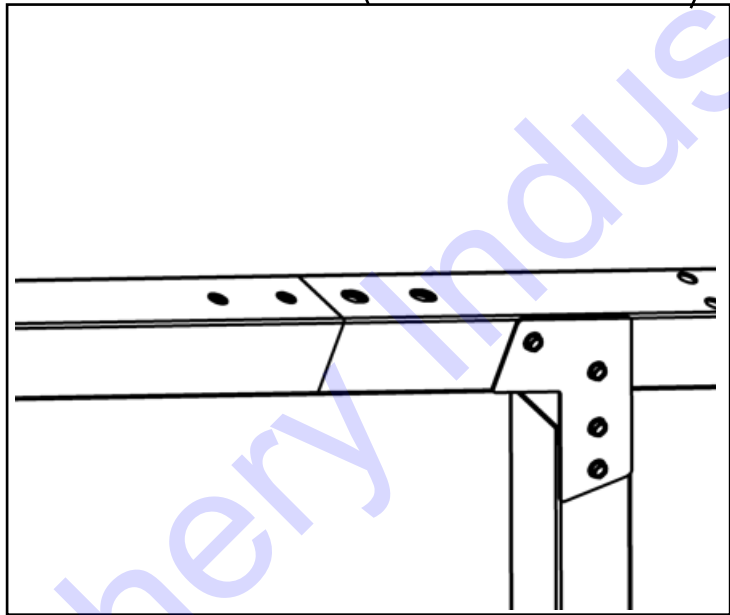
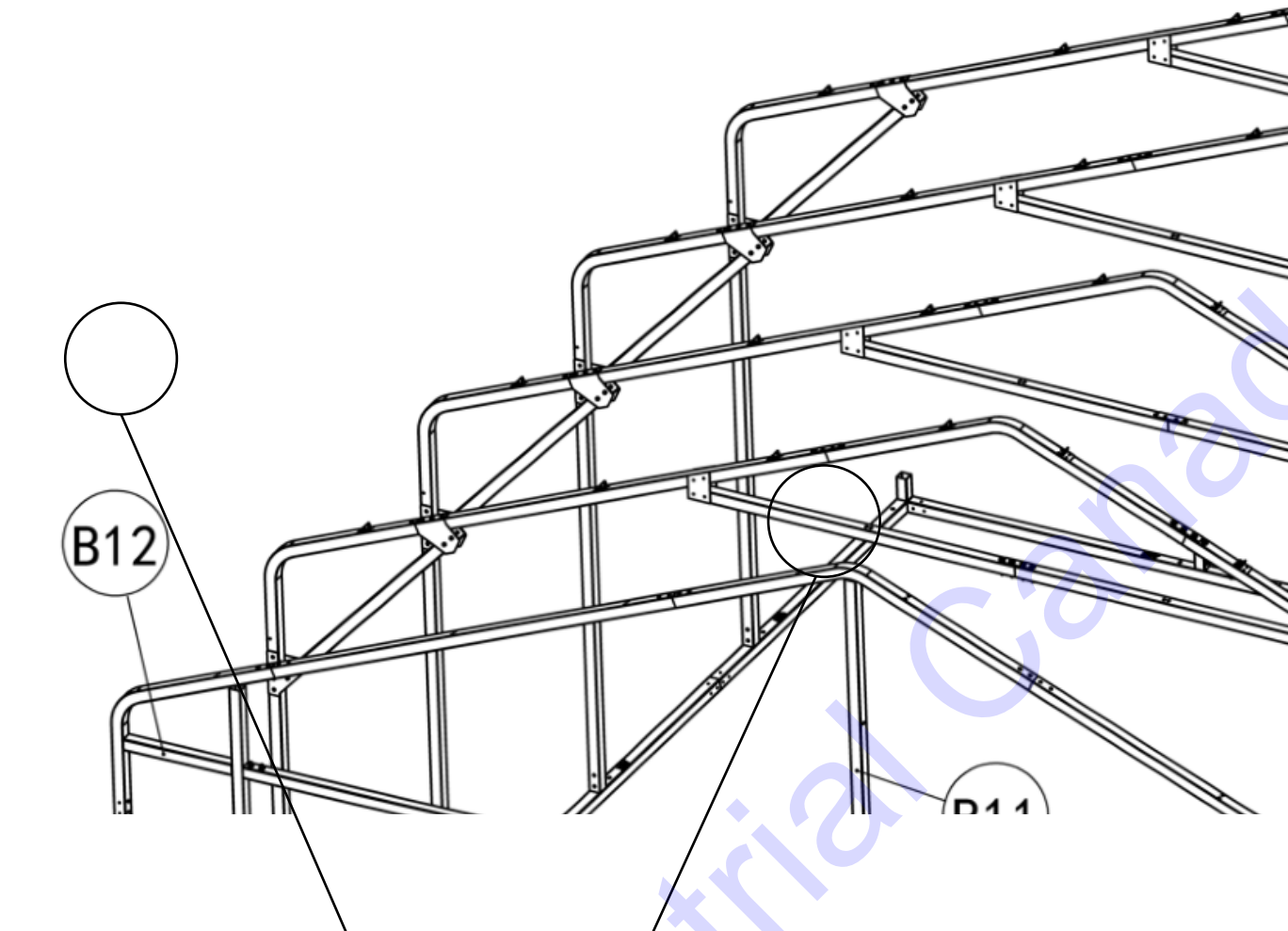
Part	No	Qty
J2		8
J3		8
J4		8
B02		1
B03		4
B04		2
B05		2

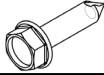



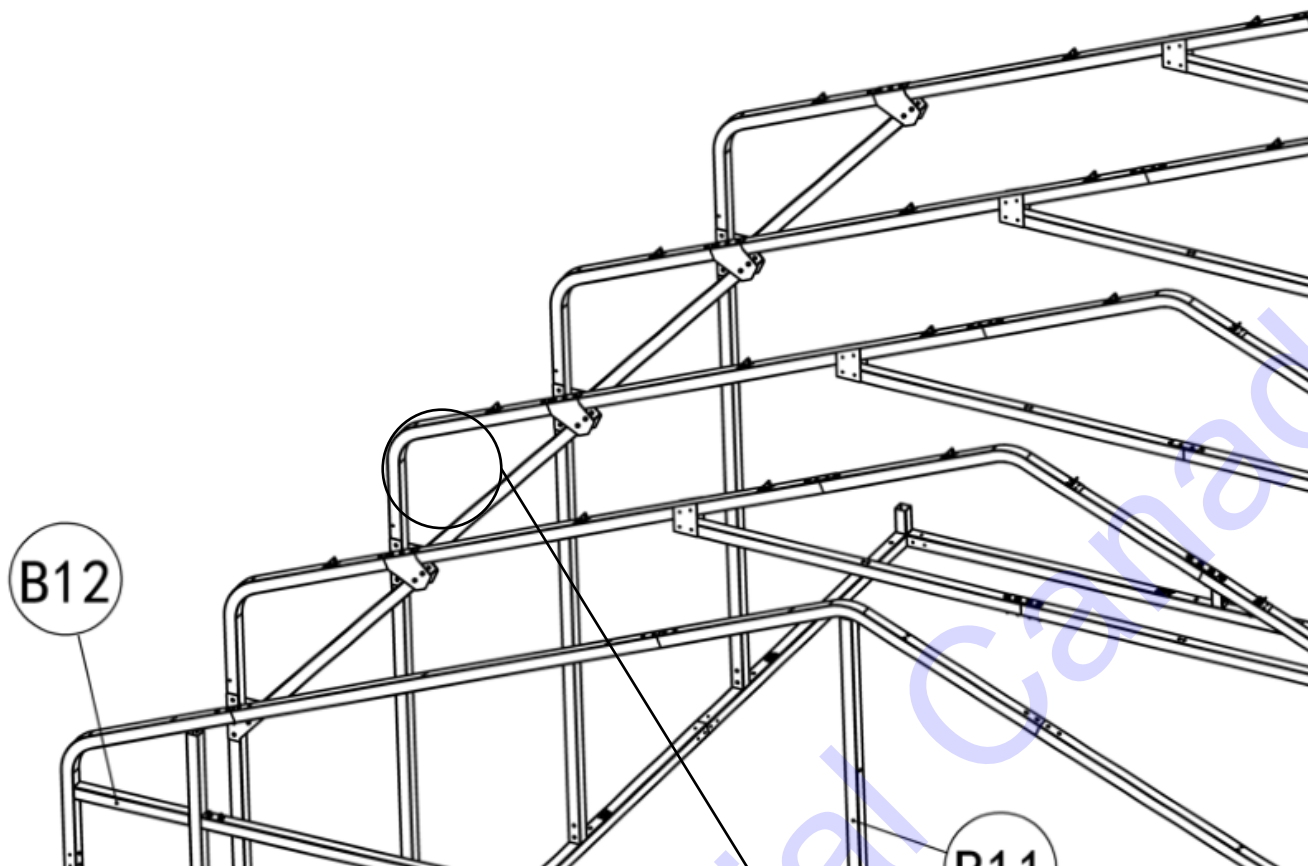
B13 Installed
inside

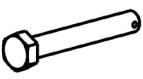





Part	No	Qty
J1		12
B13		2

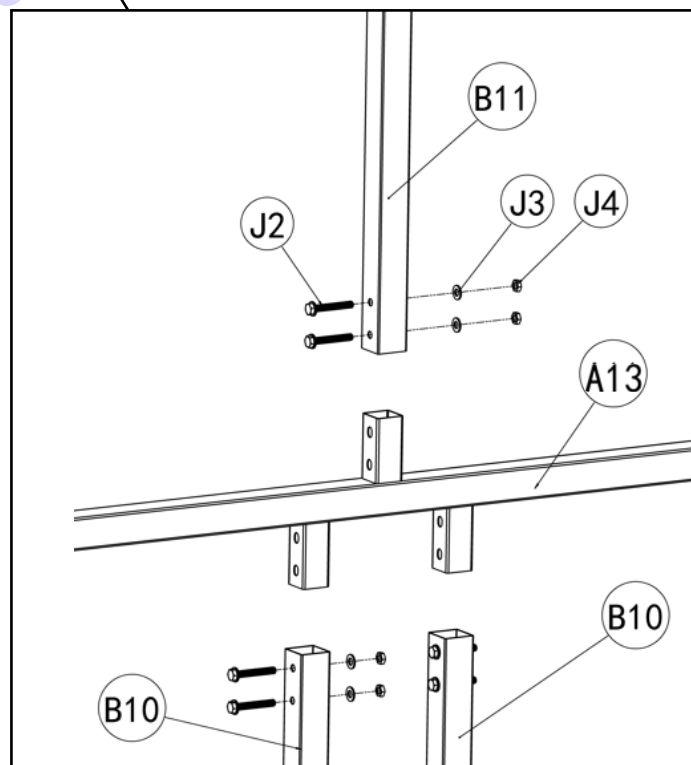


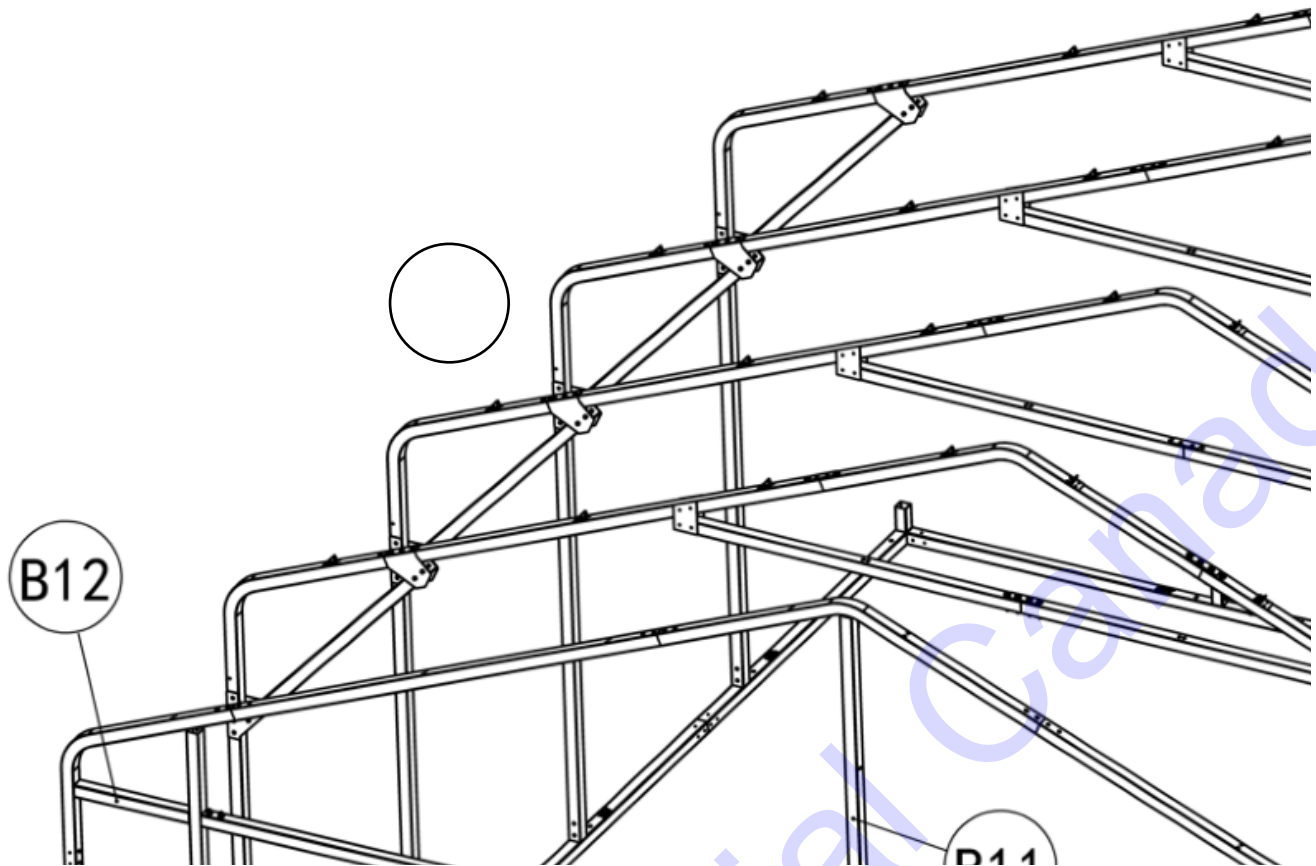


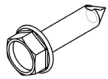
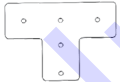
Part	No	Qty
J1		8
B12		2



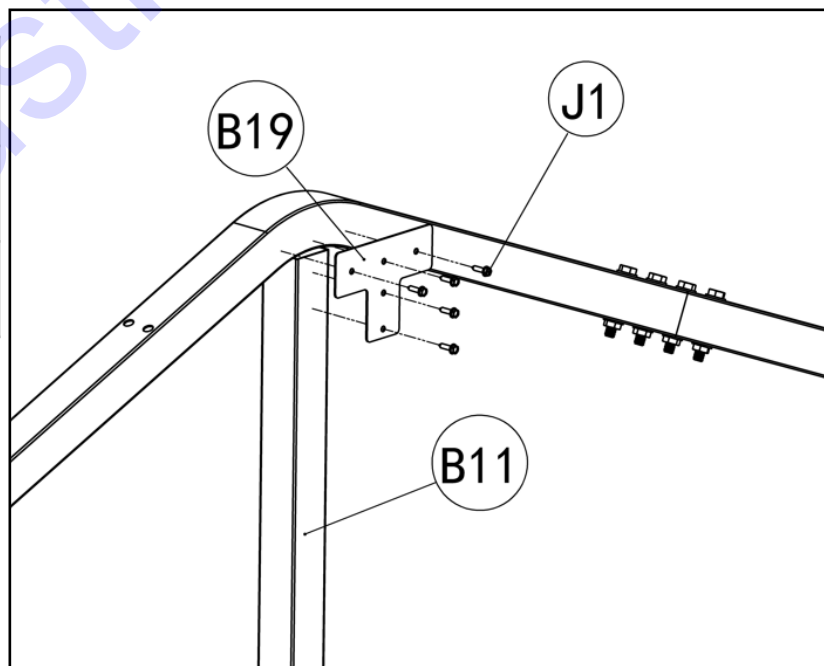
Part	No	Qty
J2		8
J3		8
J4		8
B11		1
B10		2
A13		1

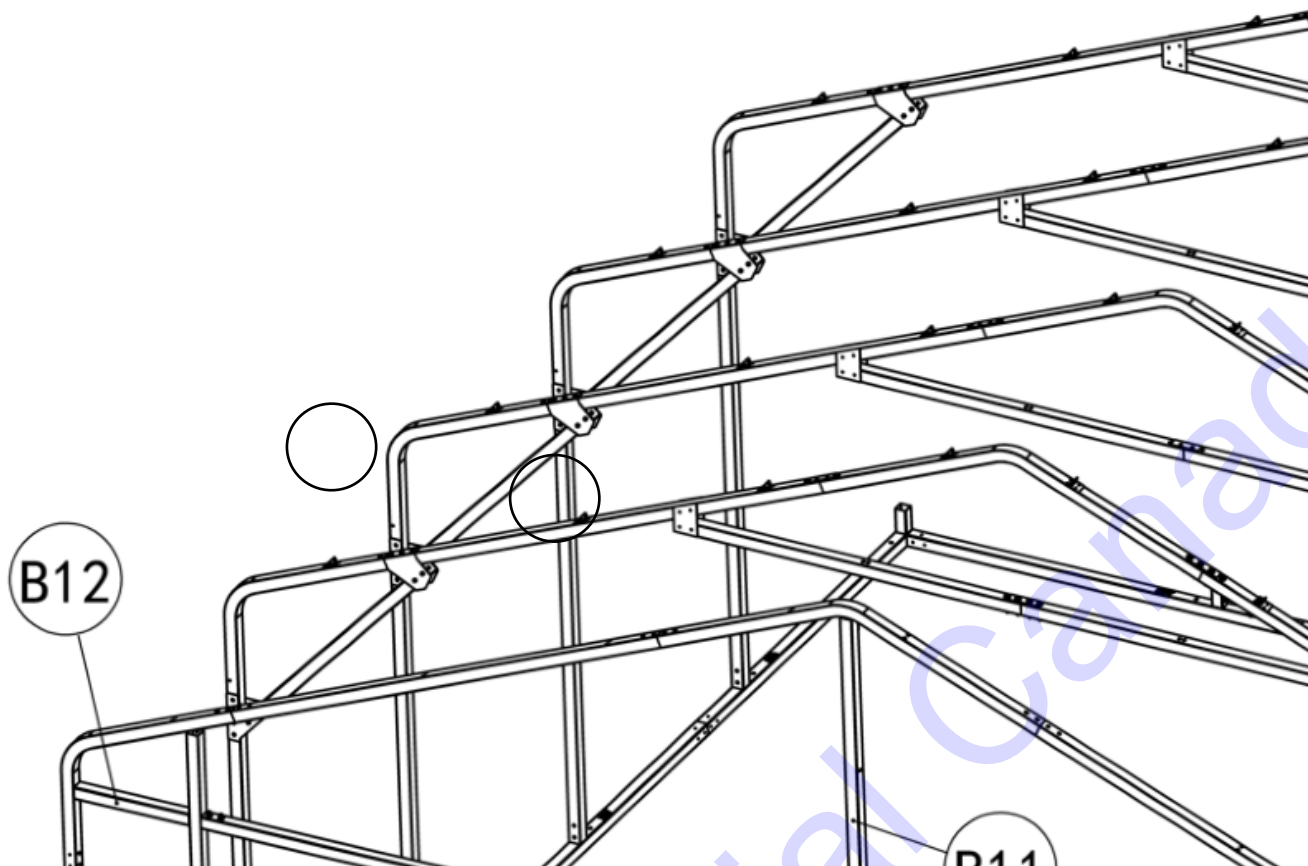


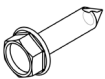
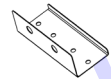
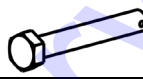


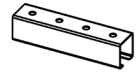




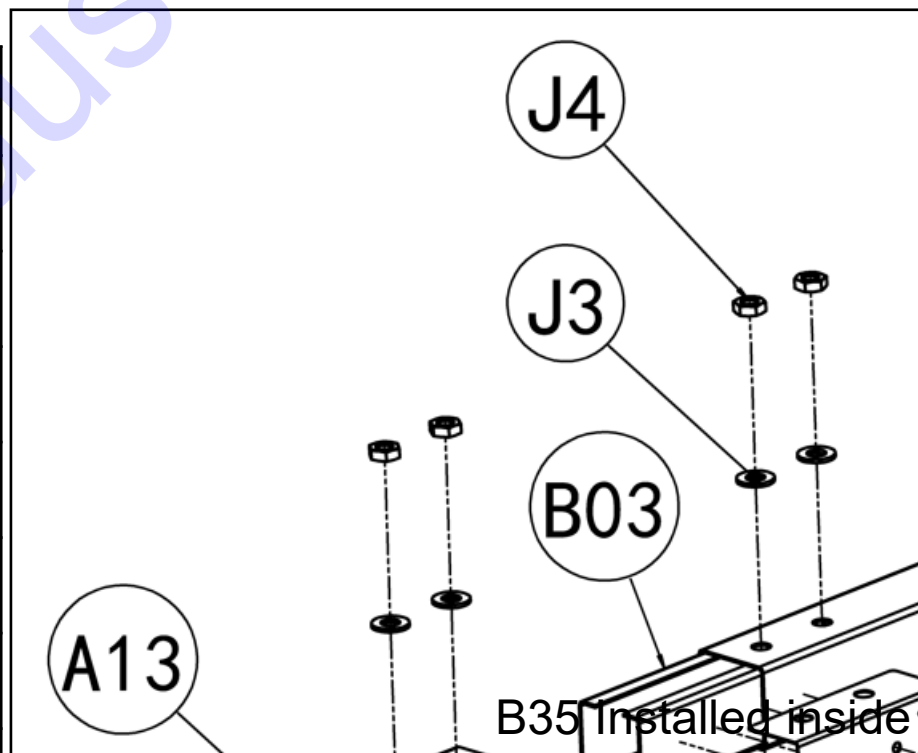
Part	No	Qty
J1		5
B19		1

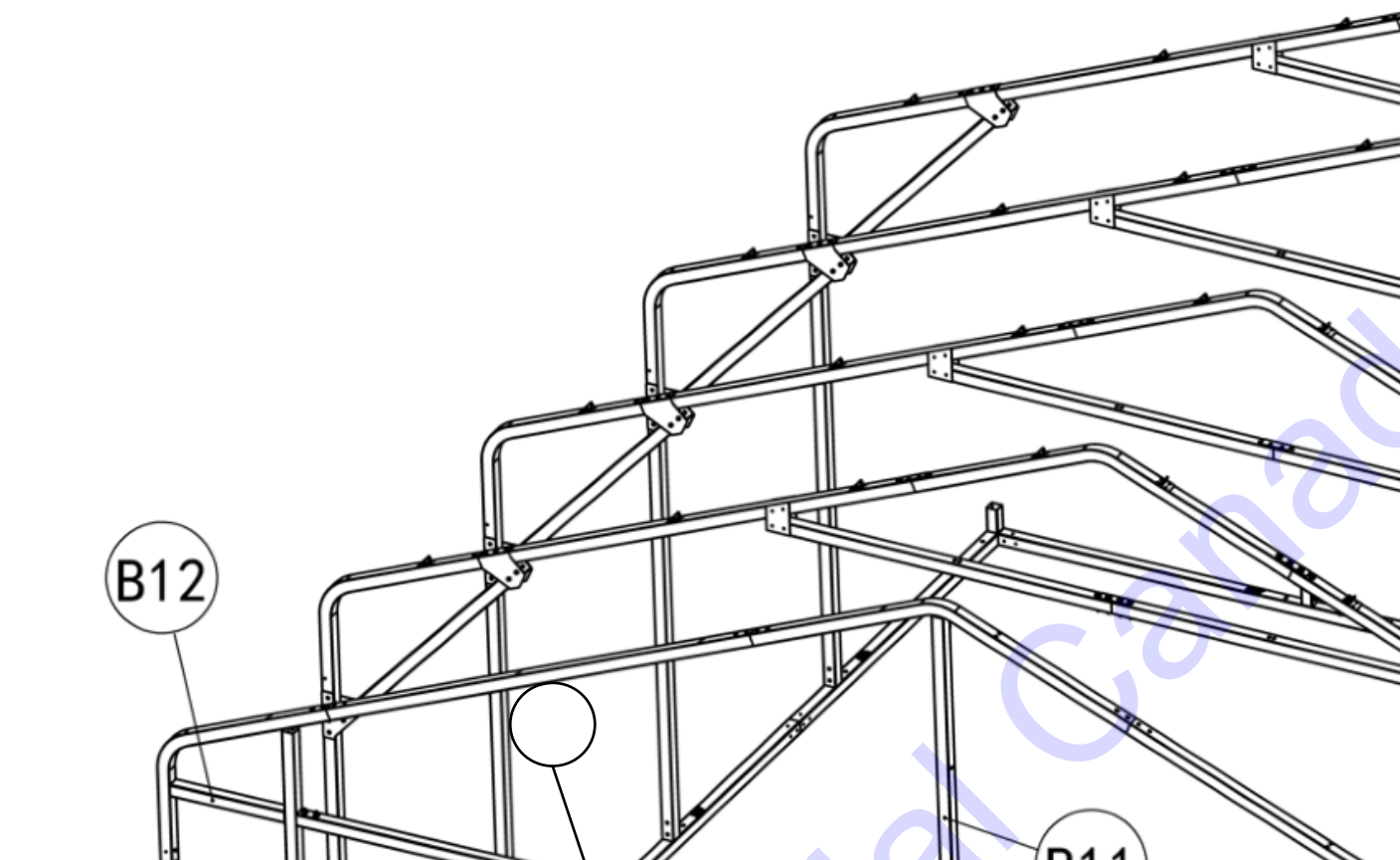
B19 Installed
inside

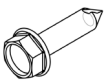



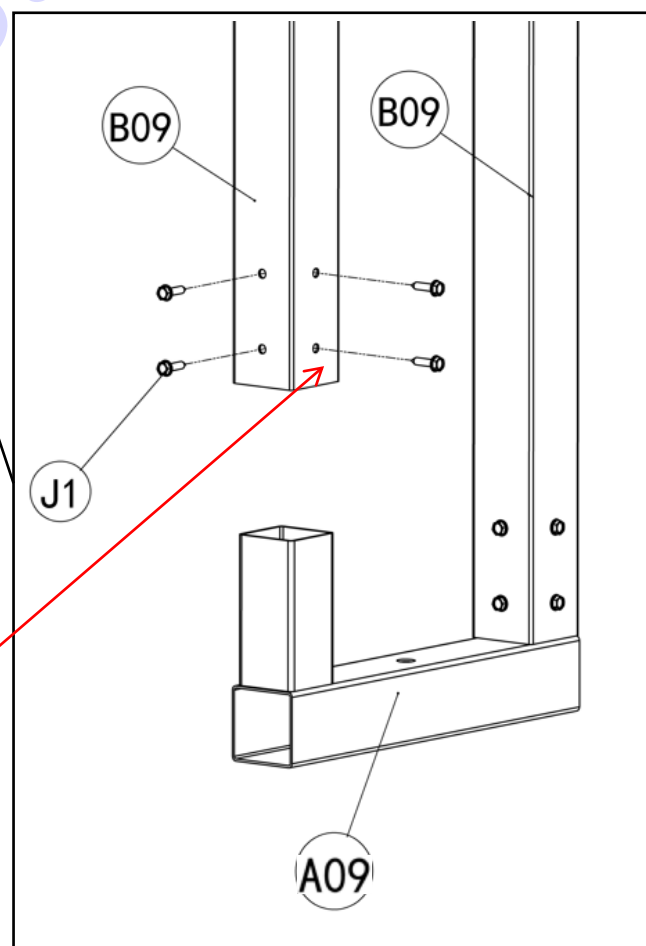


Part	No	Qty
J1		8
B35		2
J2		8
J3		8
J4		8
B03		2
A13		1
B08		2



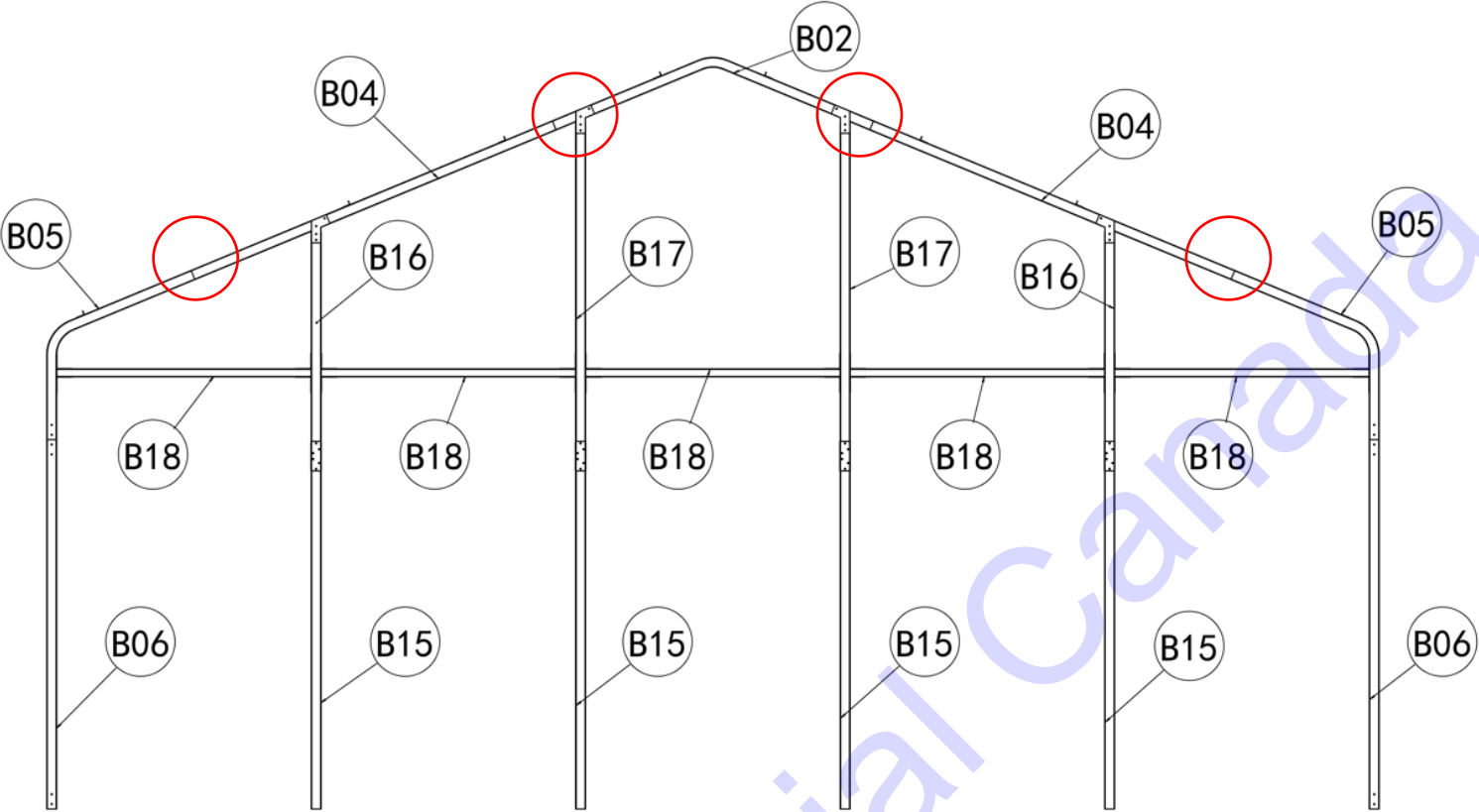


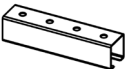
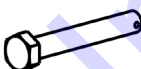





Part	No	Qty
J1		8
A09		1

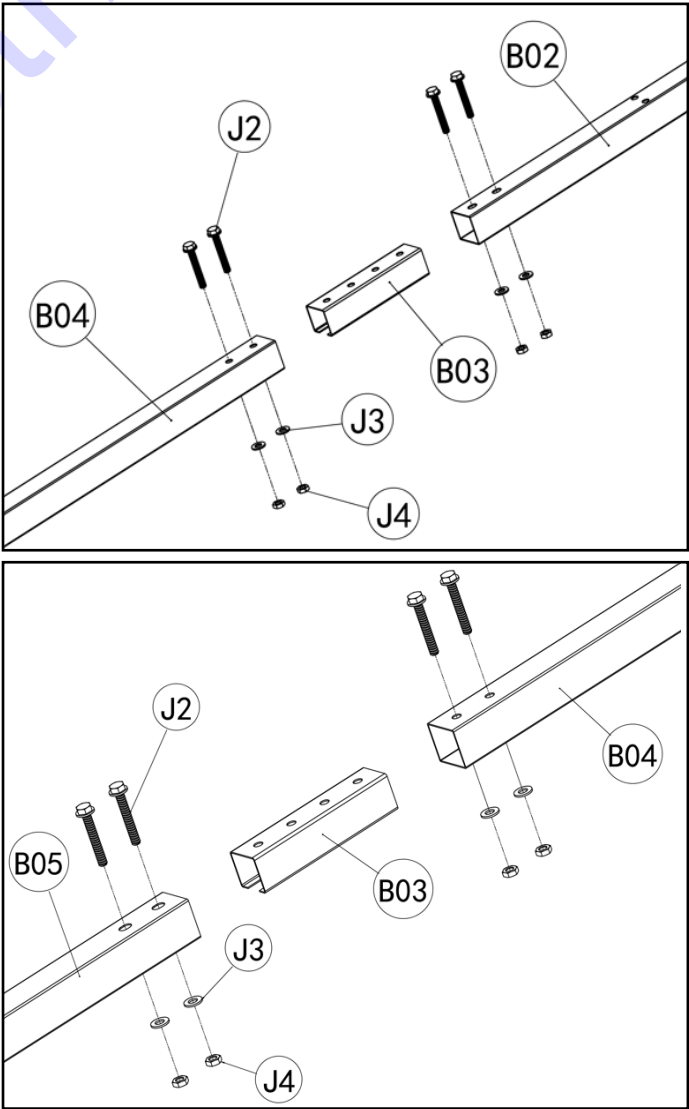


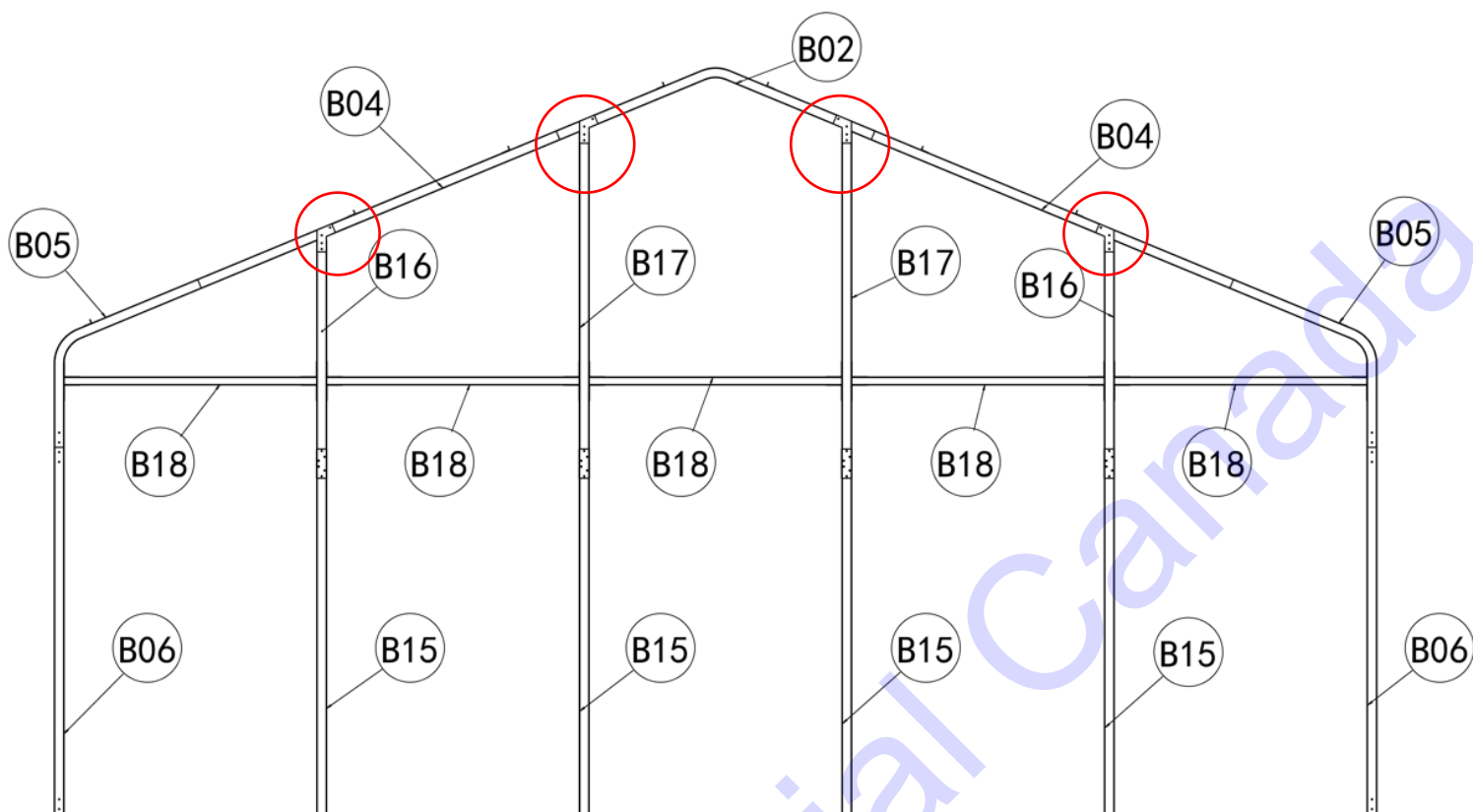
Note: Inside lock with J1,
outside is not locked.

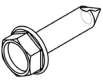
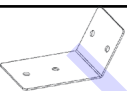


STEP 4 : Install The Back Arch Frame

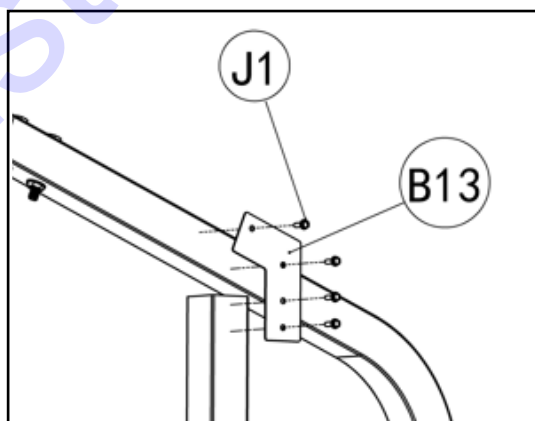


Part	No	Qty
B03		6
J2		16
J3		16
J4		16
B04		2
B05		2
B02		1

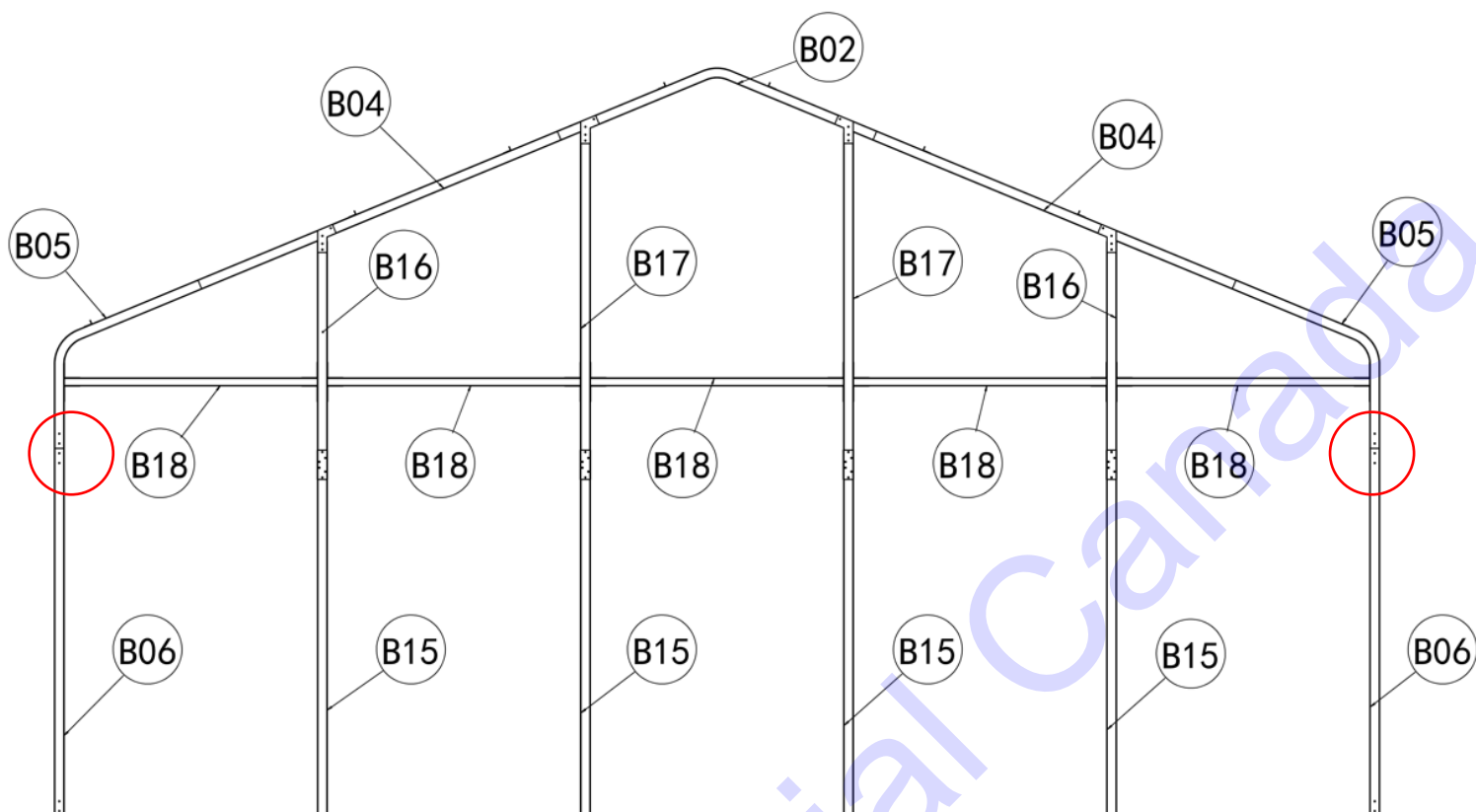


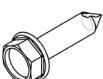
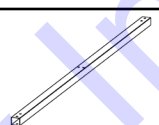


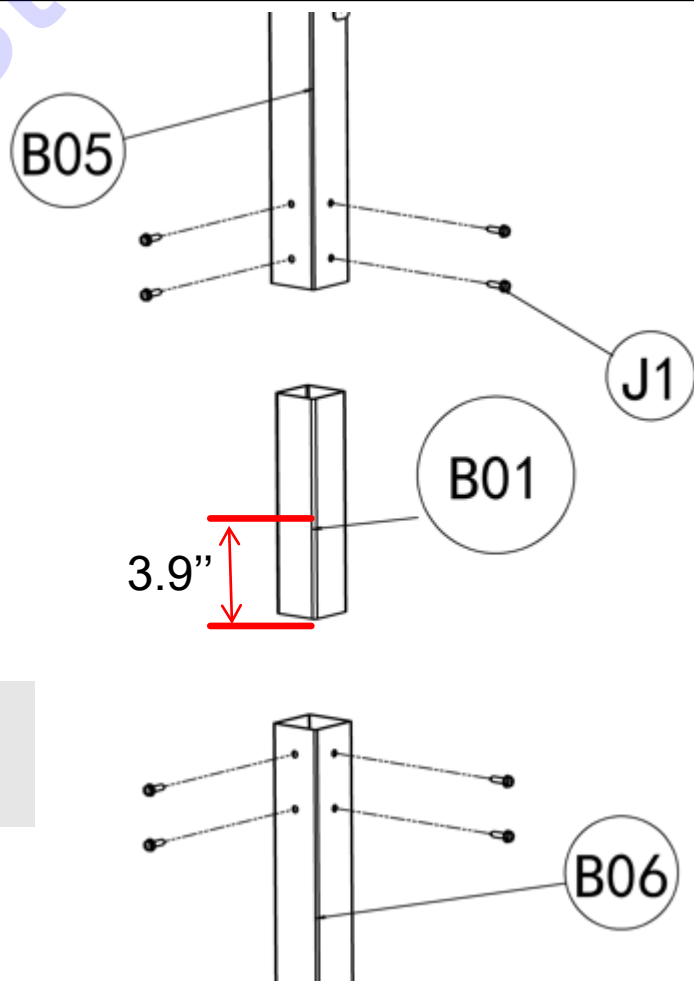
Part	No	Qty
J1		16
B13		4
B16		2
B17		3



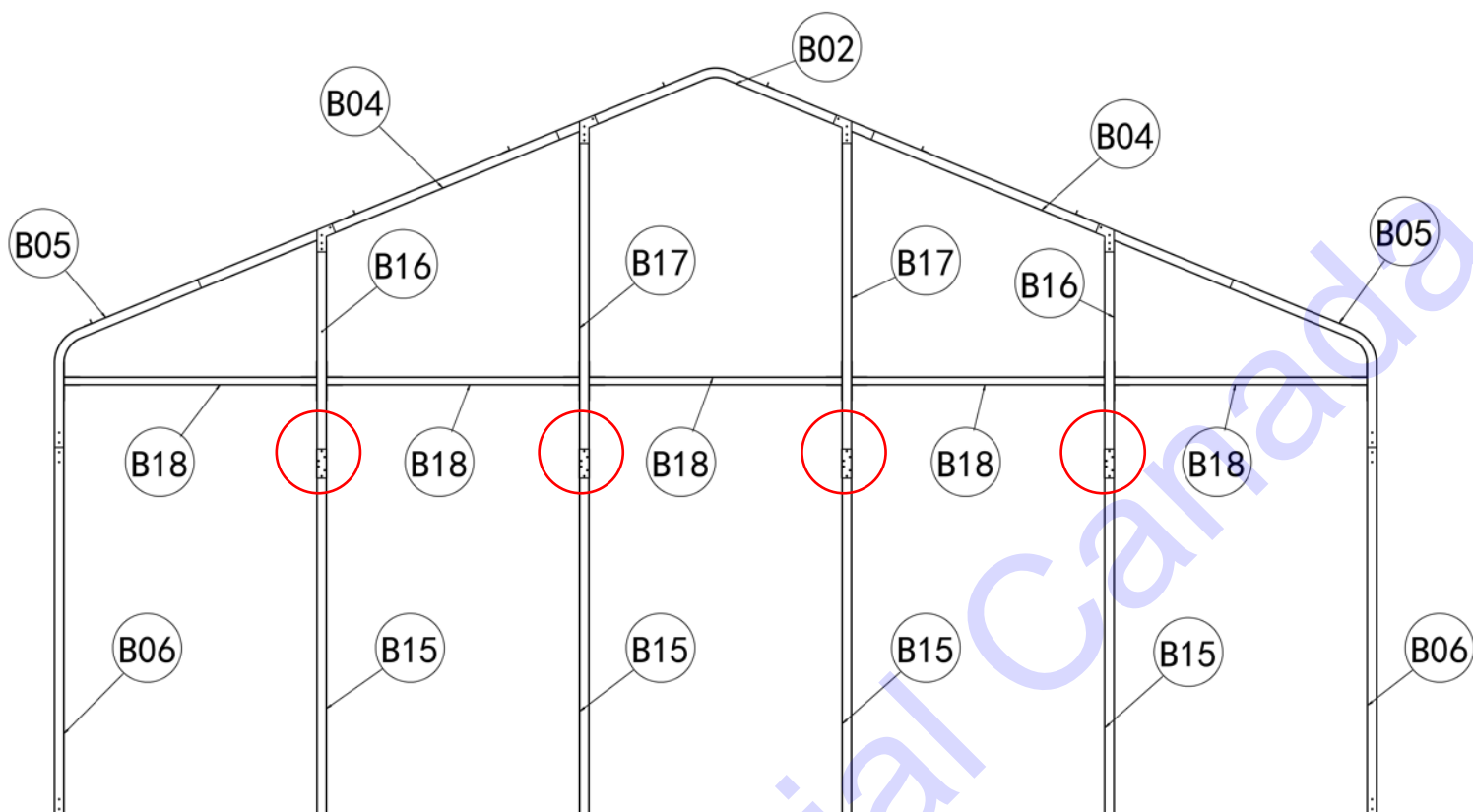
B13 Installed inside

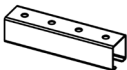



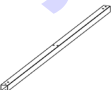


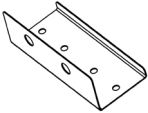



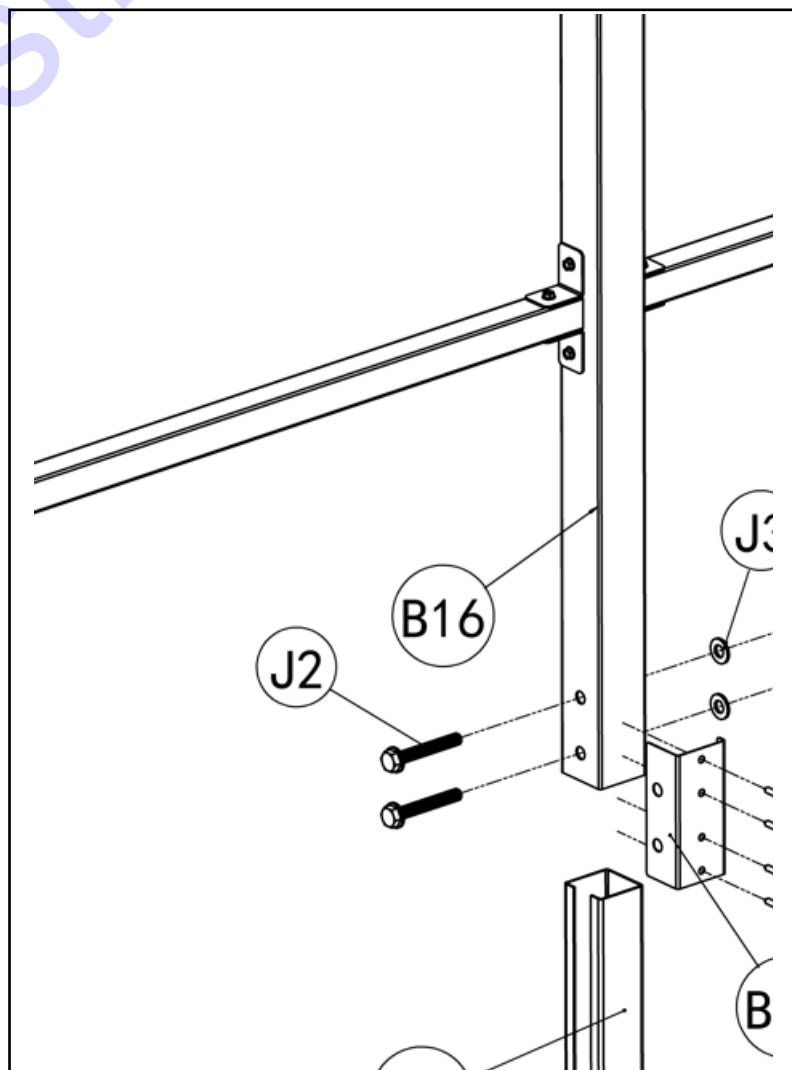
Part	No	Qty
J1		8
B06		2

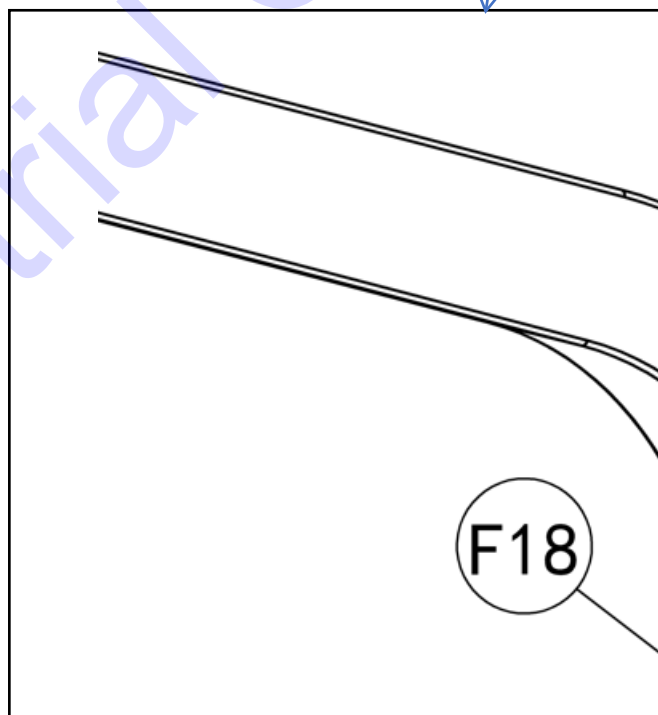
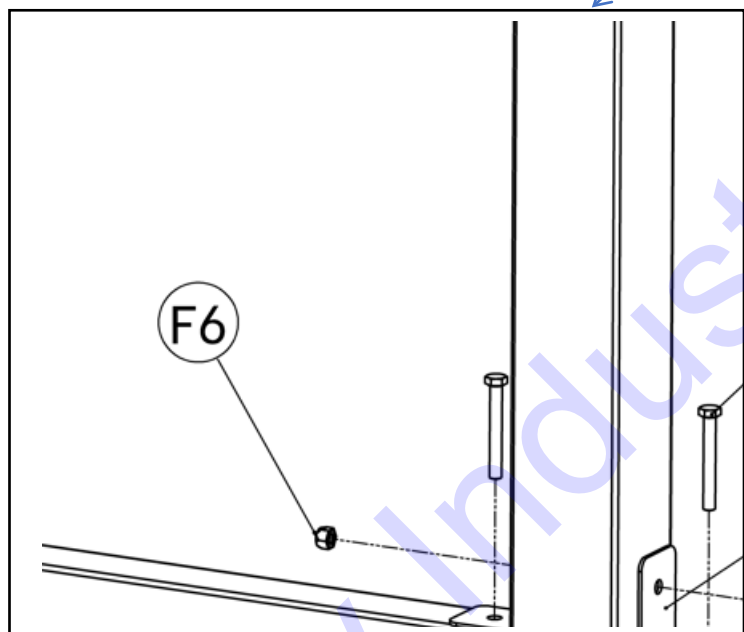
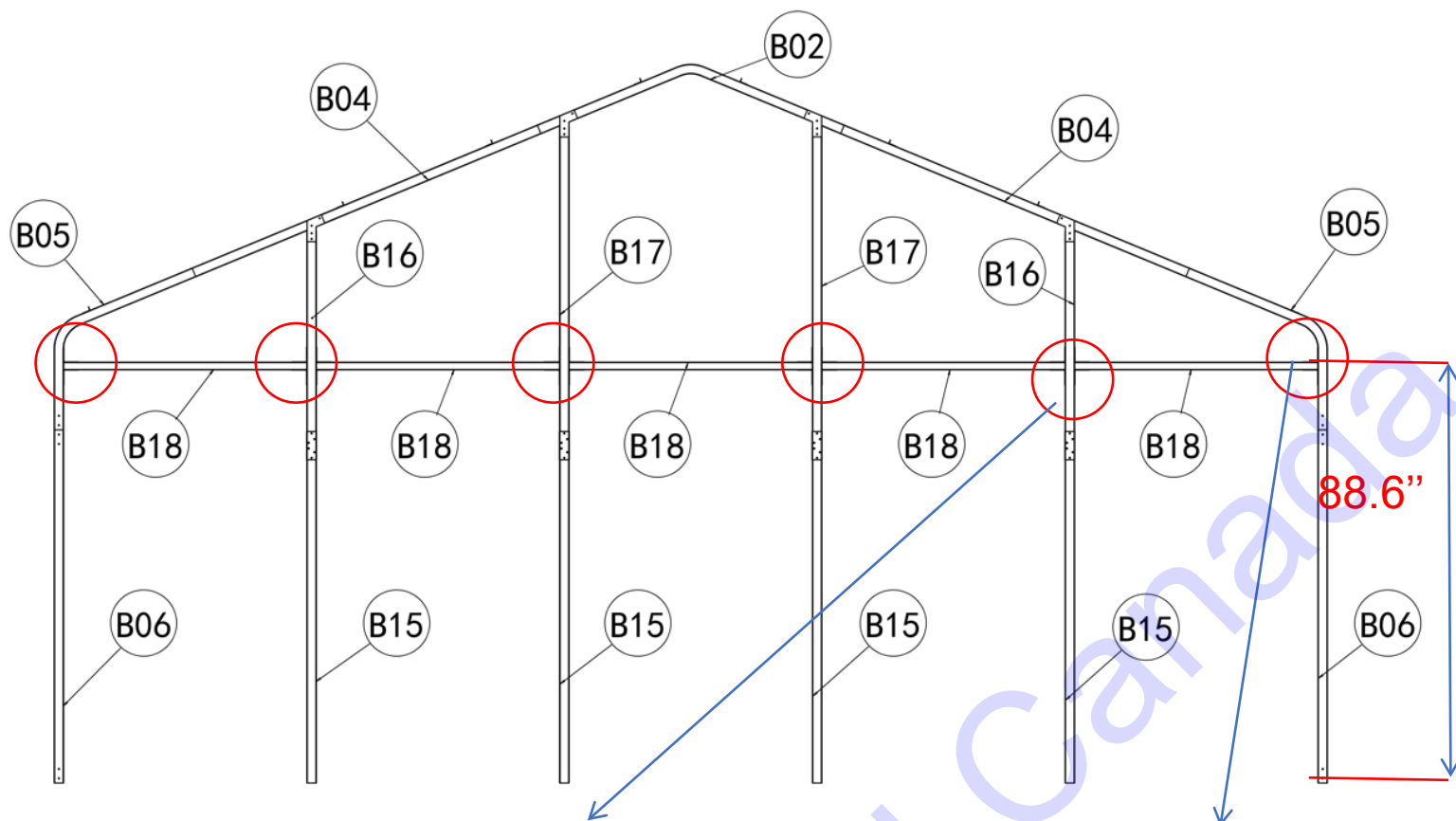


Insert B01 into B06 around 3.9" deep then fasten with J1.







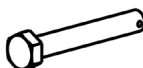

Part	No	Qty
B03		4
J2		16
J3		16
J4		16
B15		4
B16		2
B17		2
B35		4
J1		16

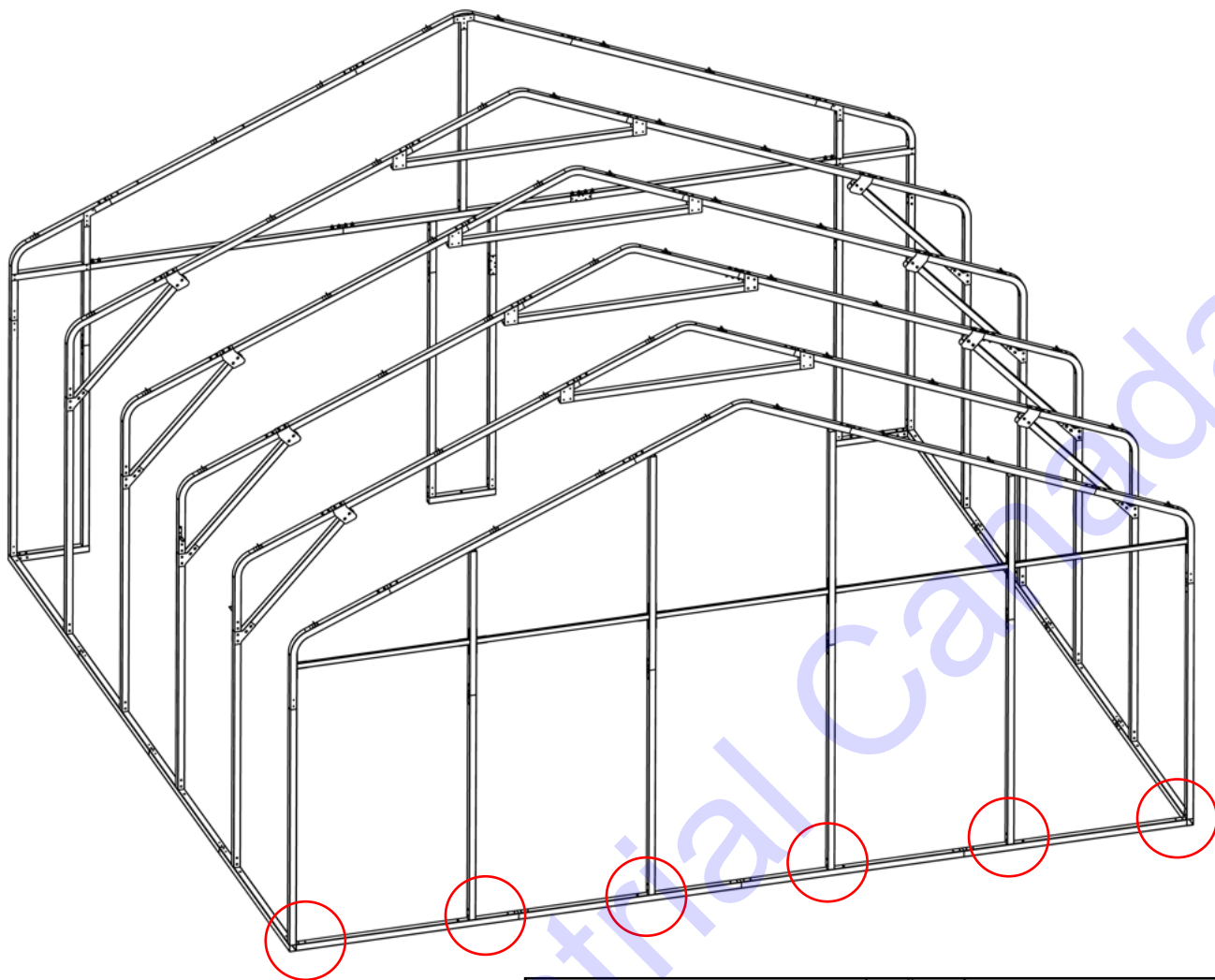







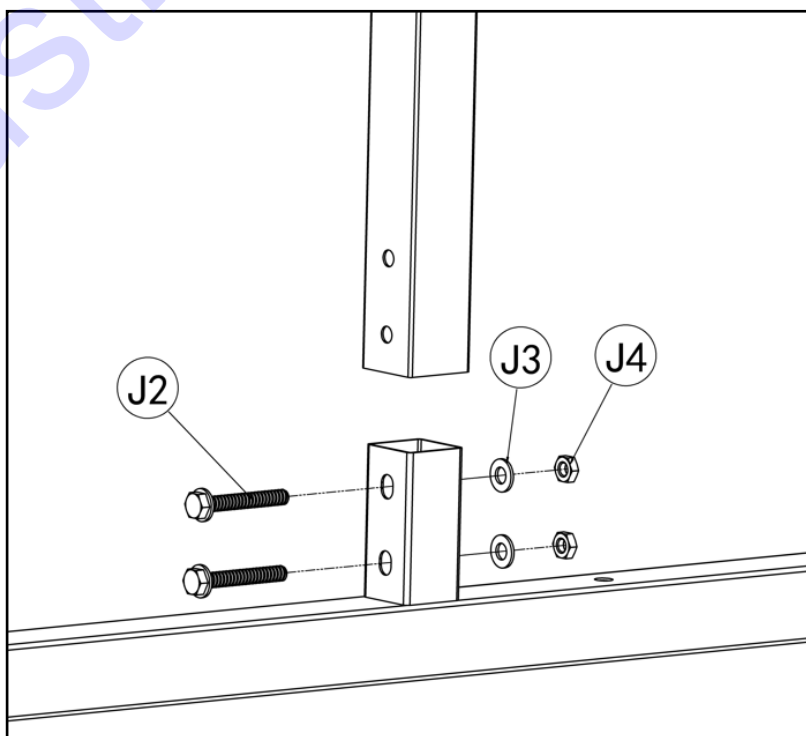
B18 Level with the outside

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

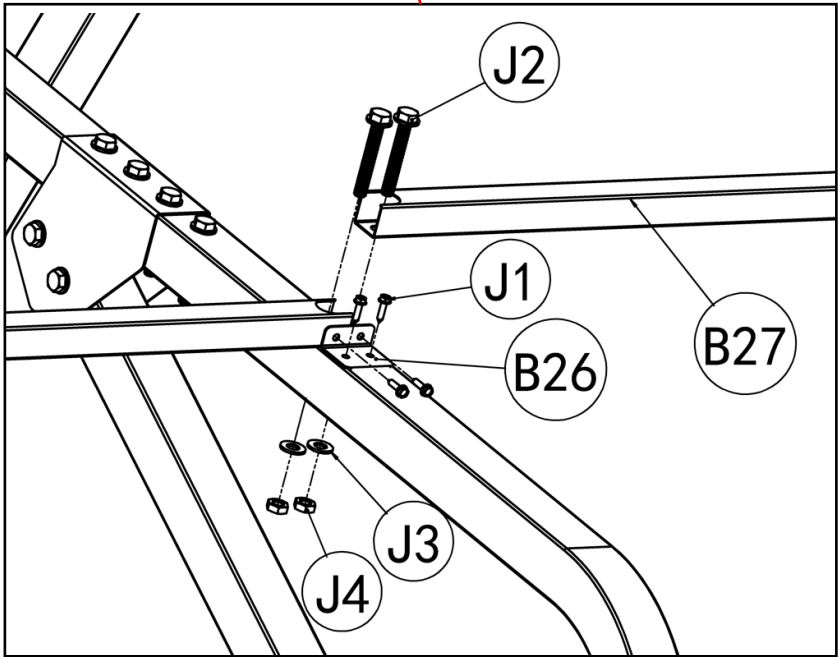
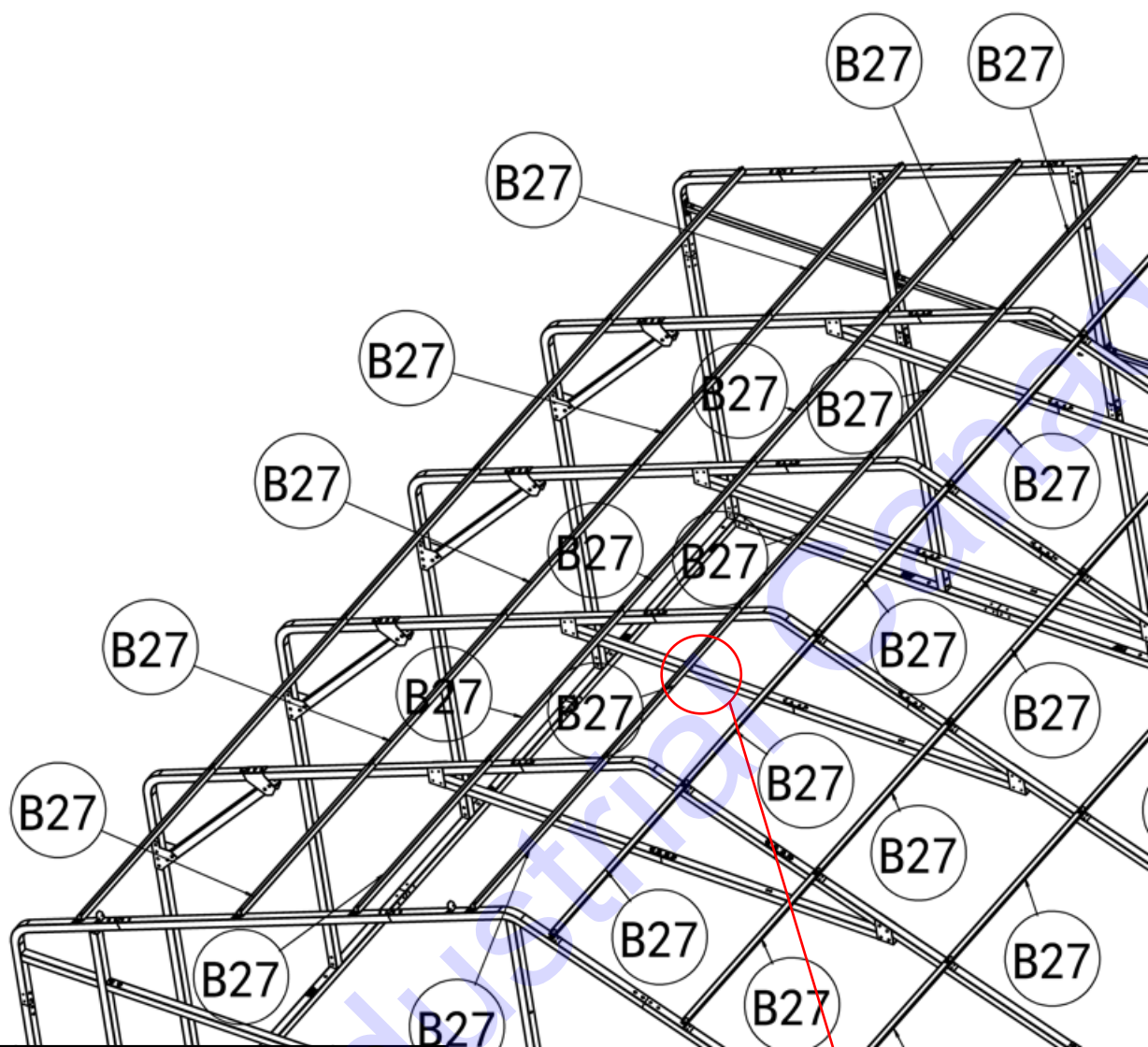
Part	No	Qty
B14		20
J1		4
B18		5
F18		10
F19		8
F6		18




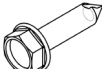
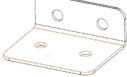



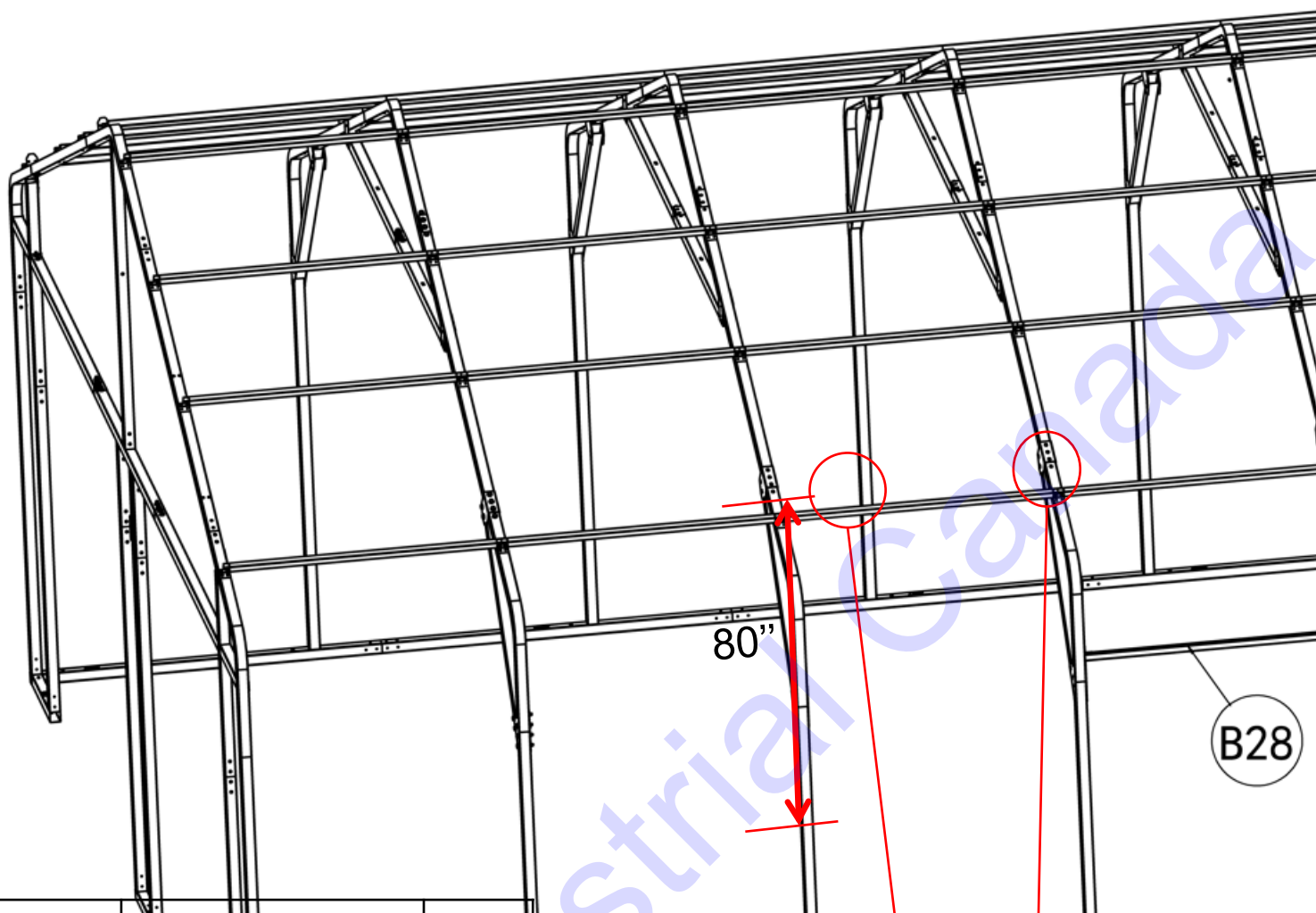
Part	No	Qty
J2		12
J3		12
J4		12








STEP 5 : Top And Side Cross Bar Installation.

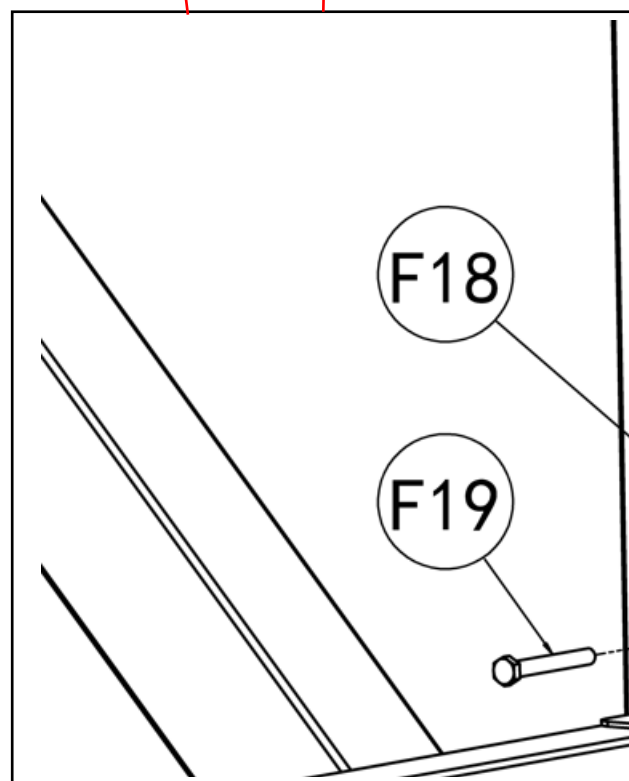


Part	No	Qty
J2		80
J3		80
J4		80
J1		192
B26		48
B27		40

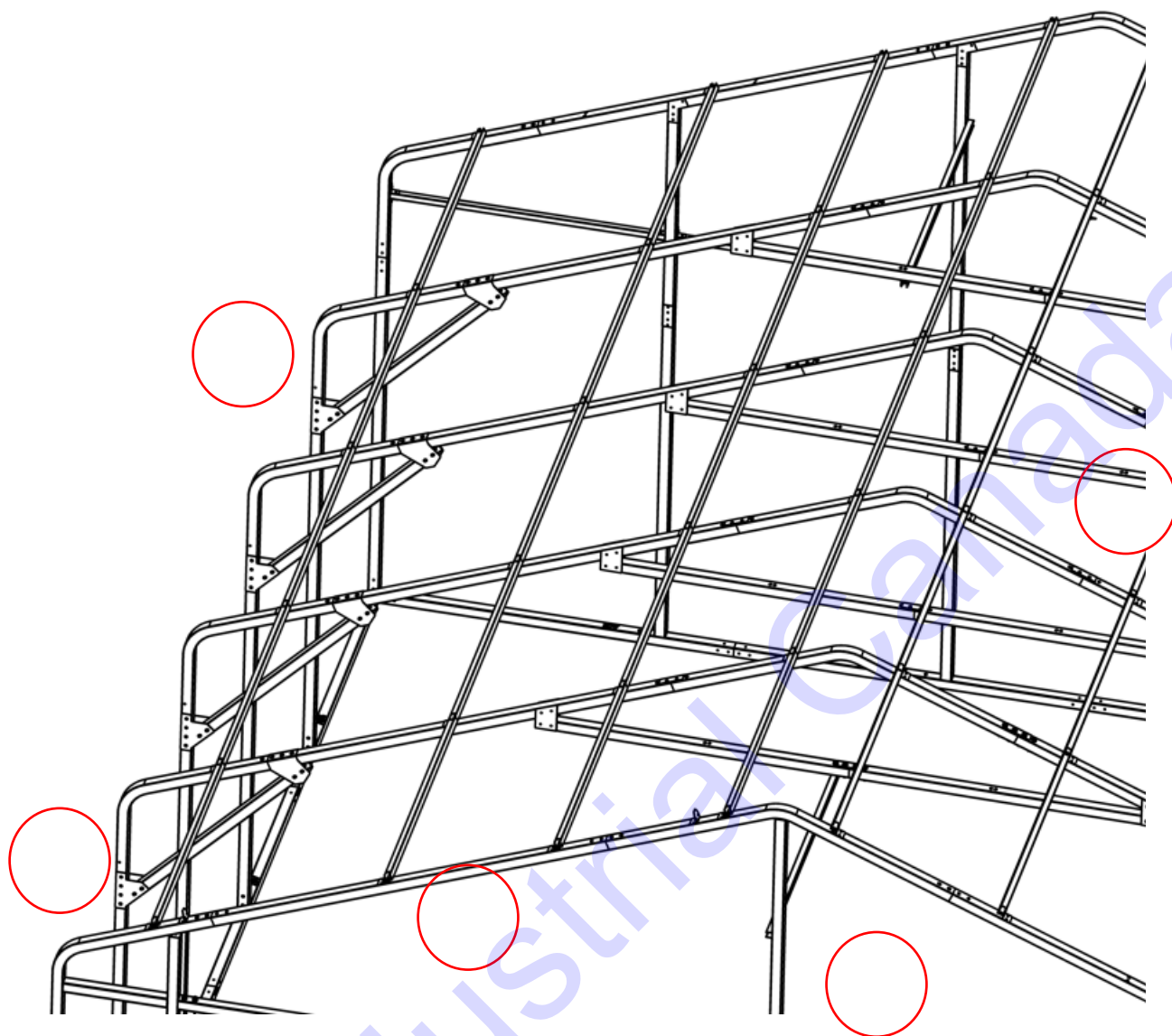



Part	No	Qty
B14		4
B28		1
F18		2
F19		2
F6		4

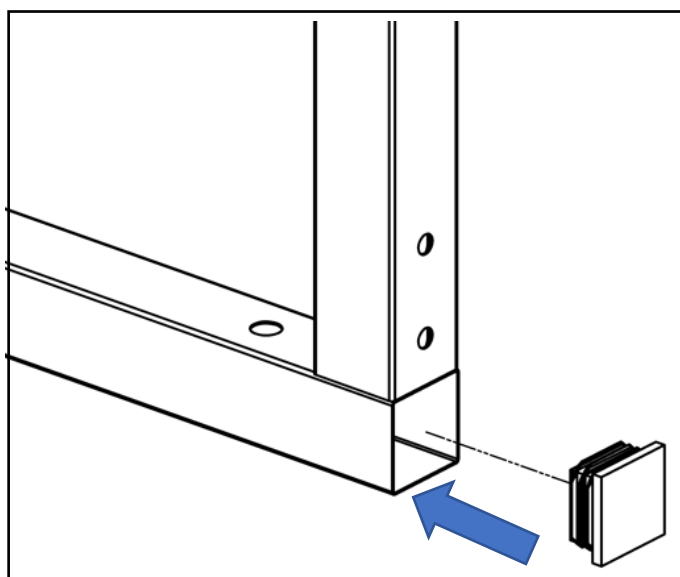
B28 Level with
the outside

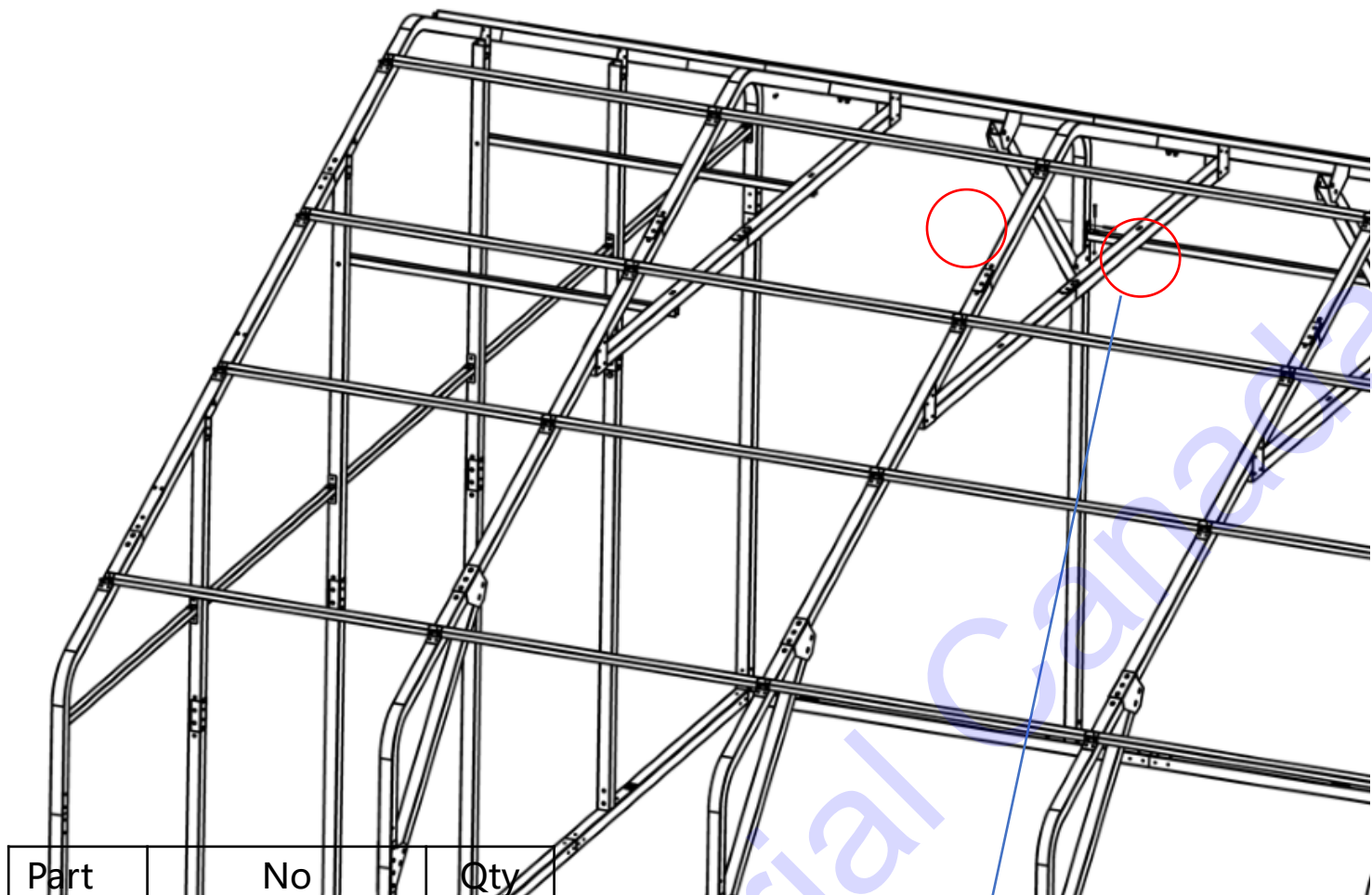



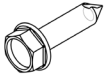


Note: When installing B28, it's necessary to measure the distance from B28 to the ground of 80", then lock with B14 and J1

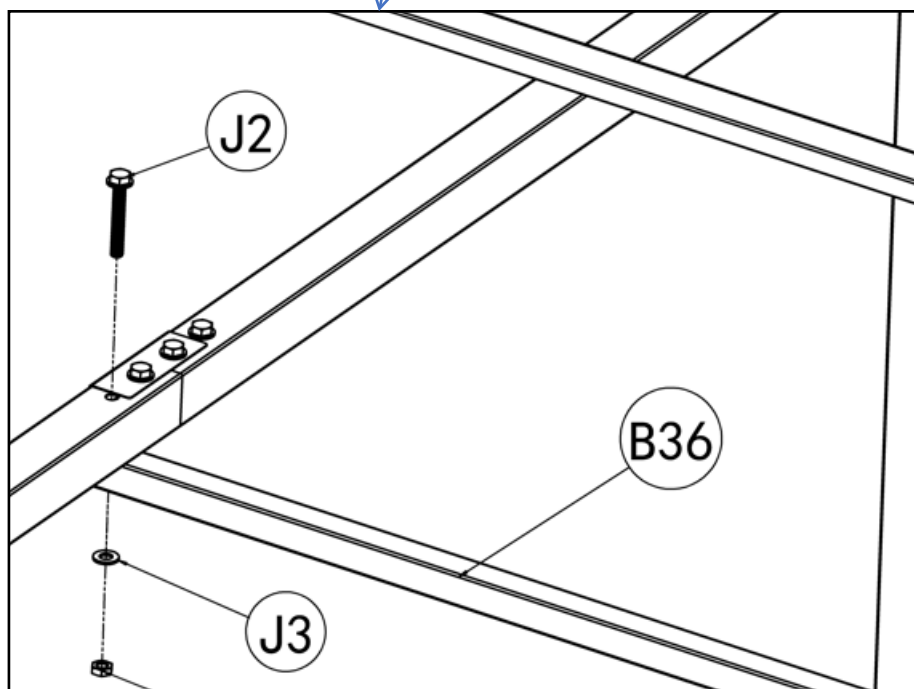


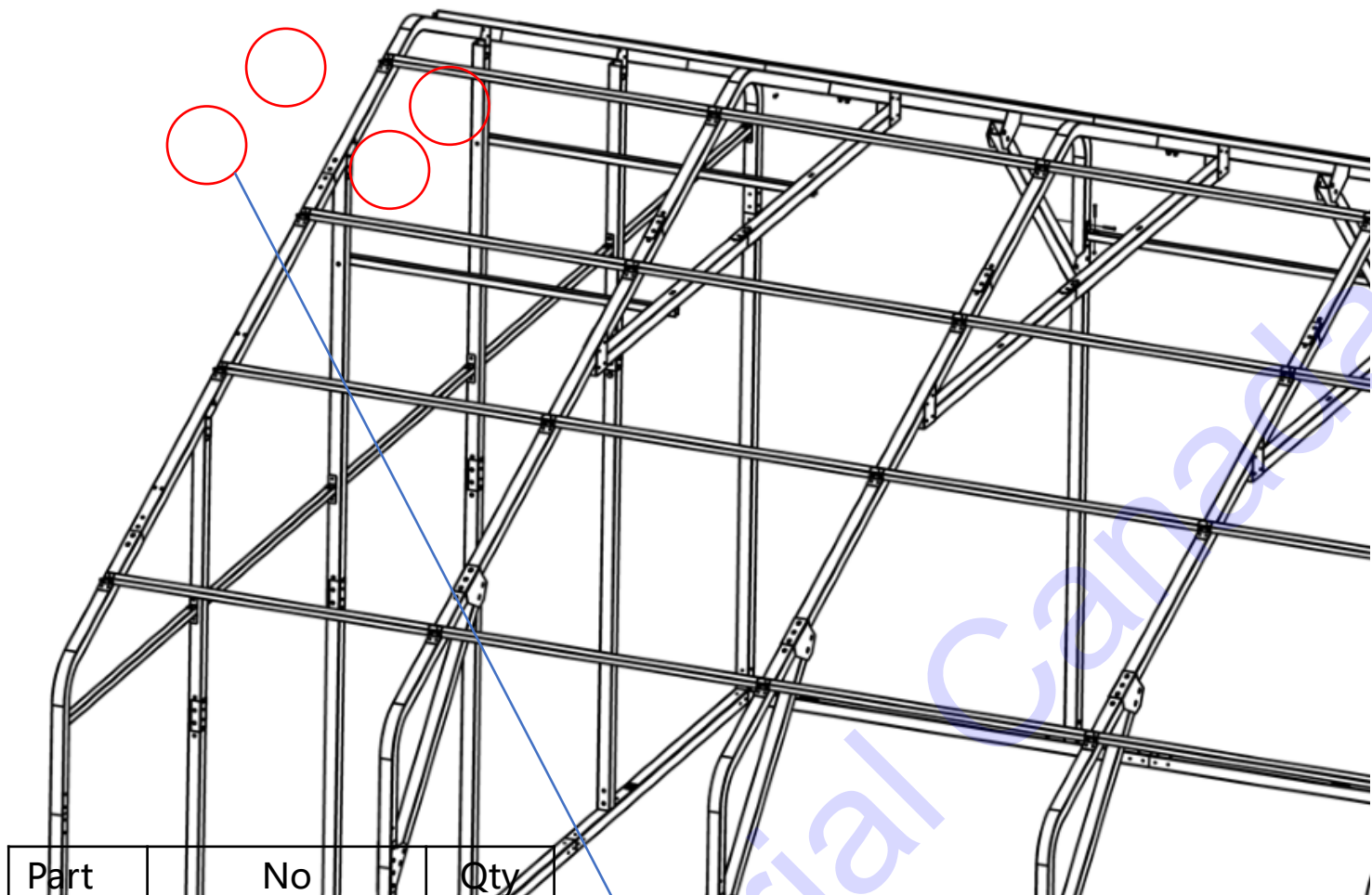
Part	No	Qty
G1		8


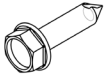




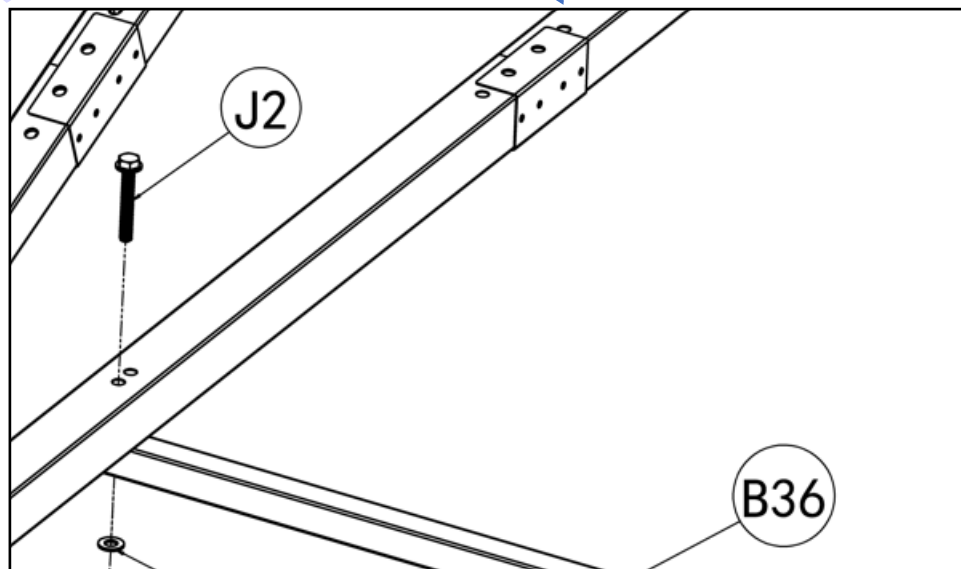


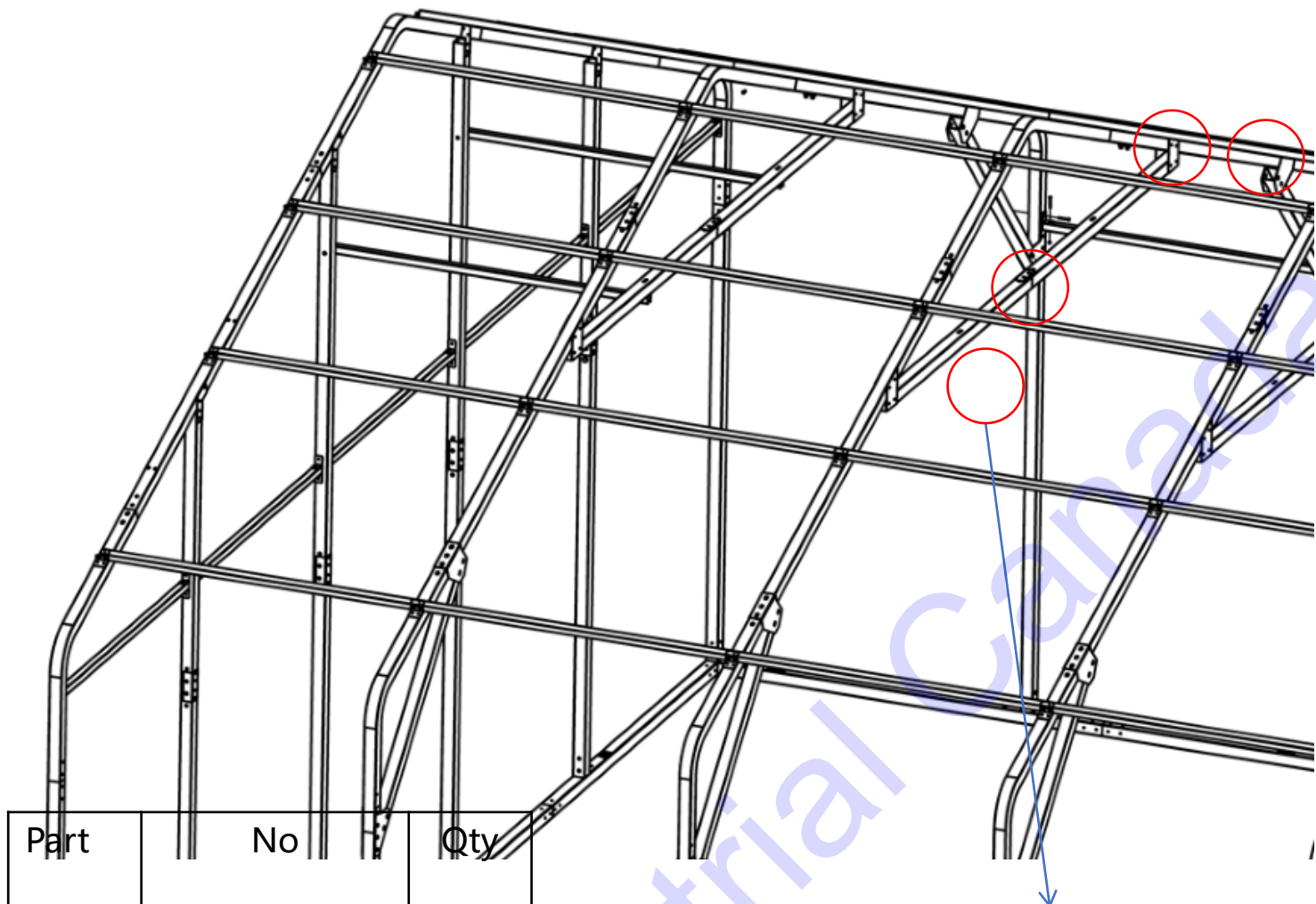
Part	No	Qty
B36		1
J2		1
J3		1
J4		1


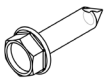




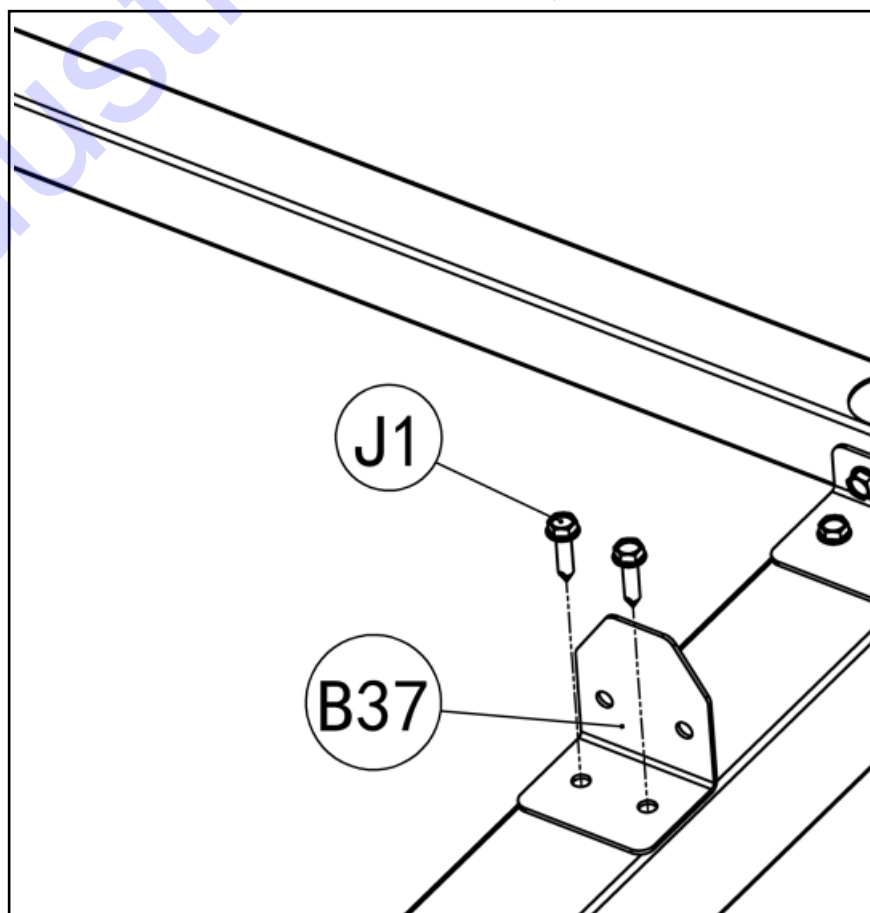
Part	No	Qty
B36		2
J2		4
J3		4
J4		4

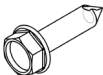
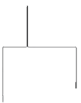





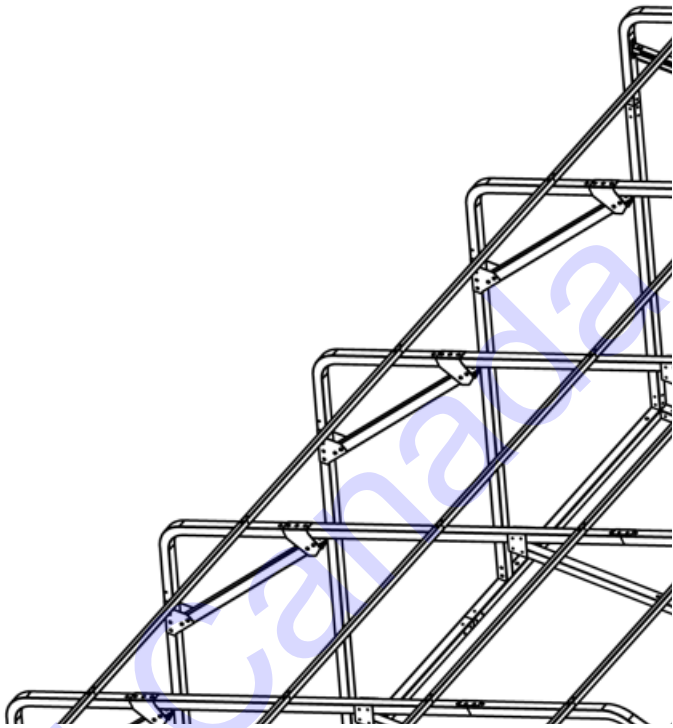


Part	No	Qty
B37		4
J1		8

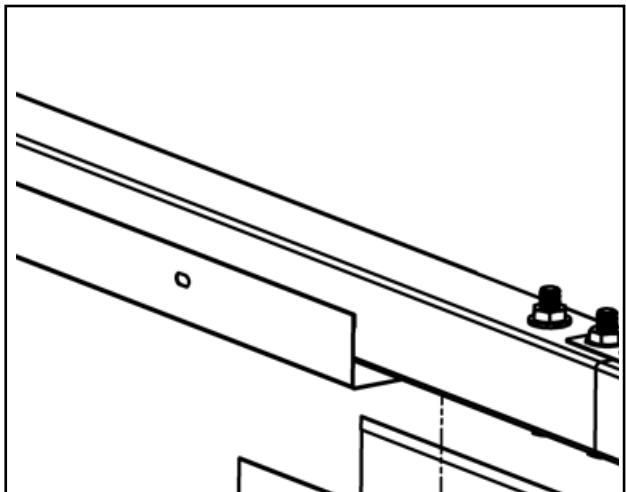
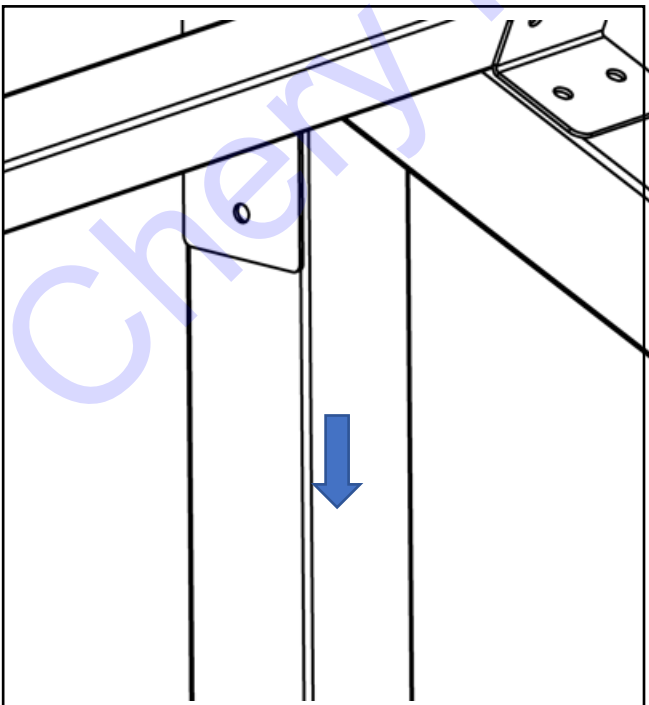
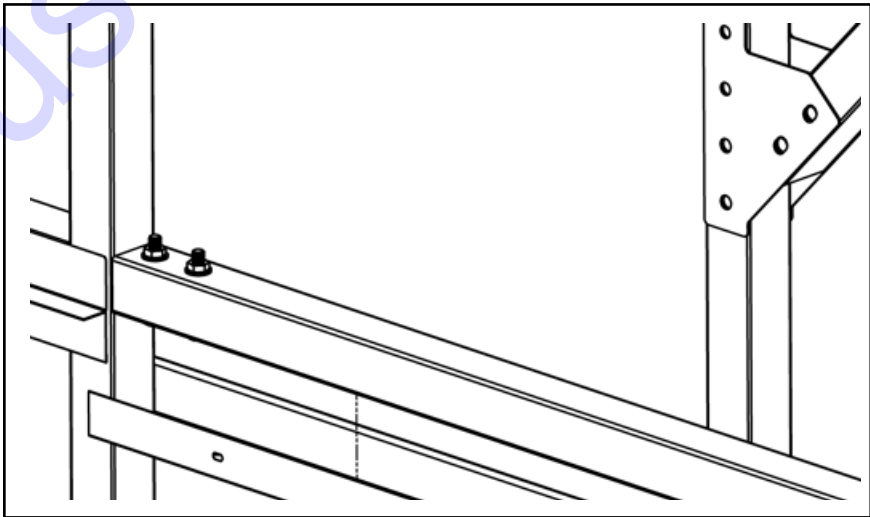
Note: B37 is the first piece of panel positioning, the position can be adjusted up and down

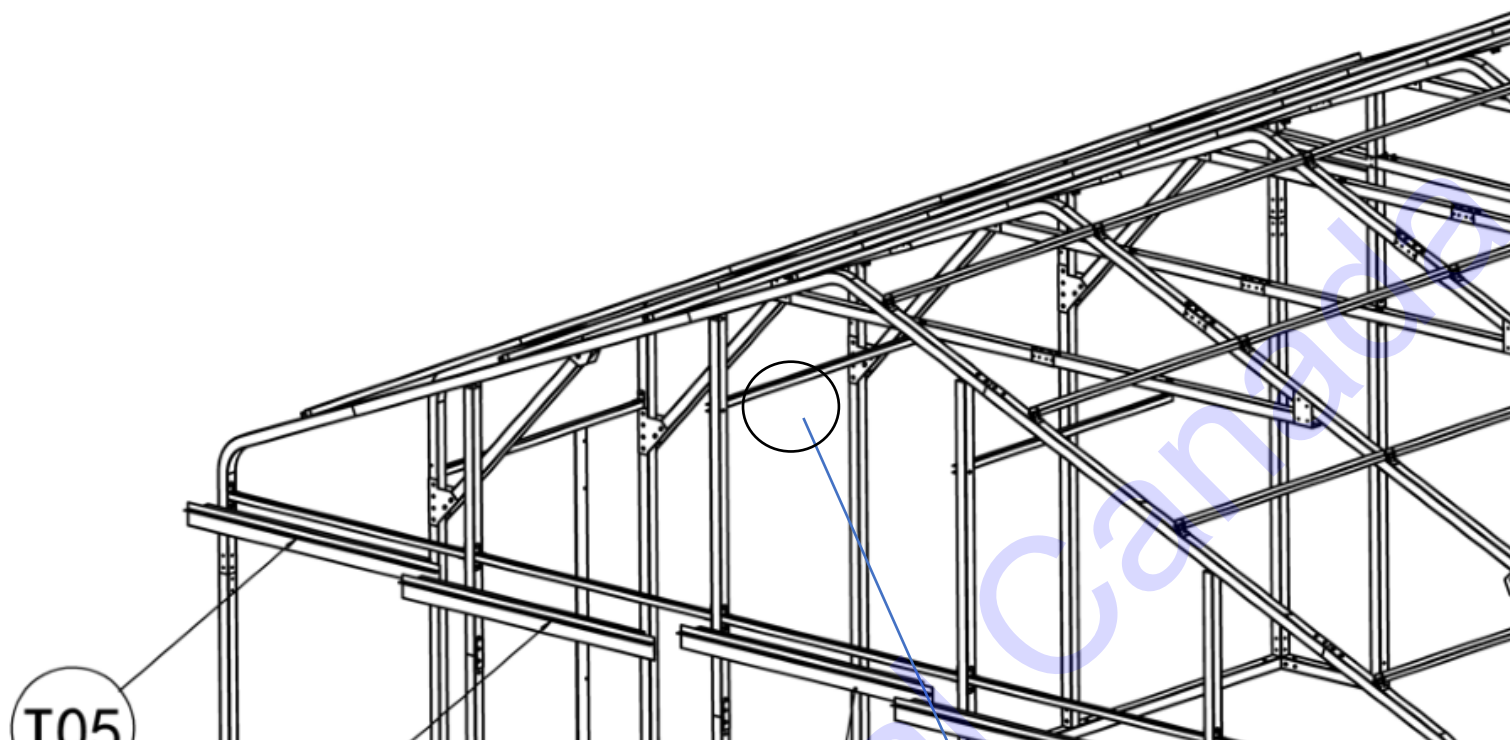


Part	No	Qty
J1		10
T03		2
T06		1
T08		2
T10		2

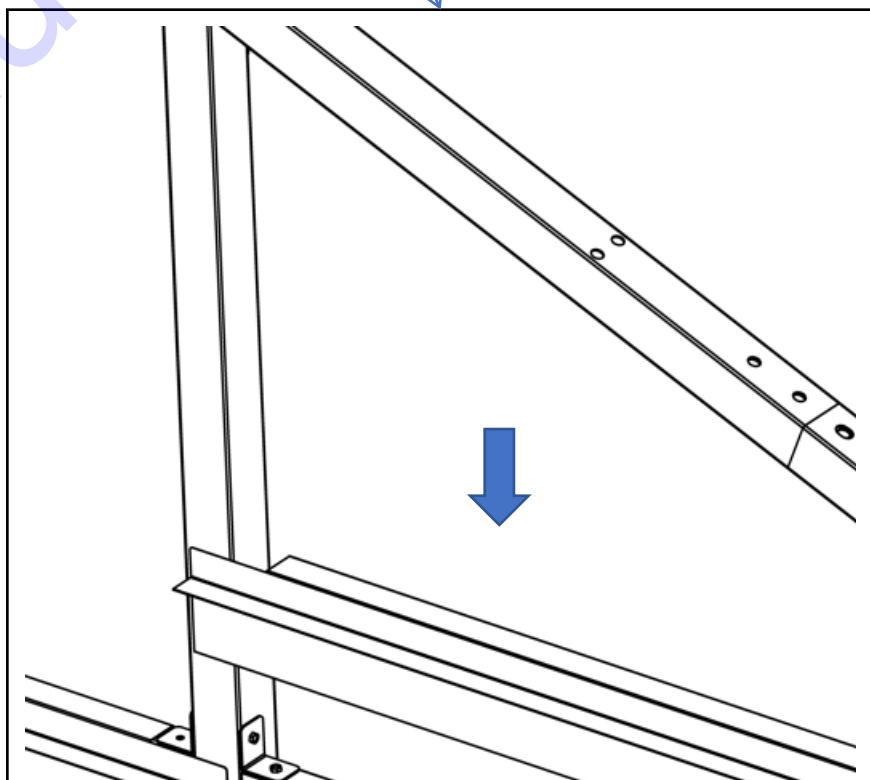


Note: T03 & T06 snap directly onto B12&A13.

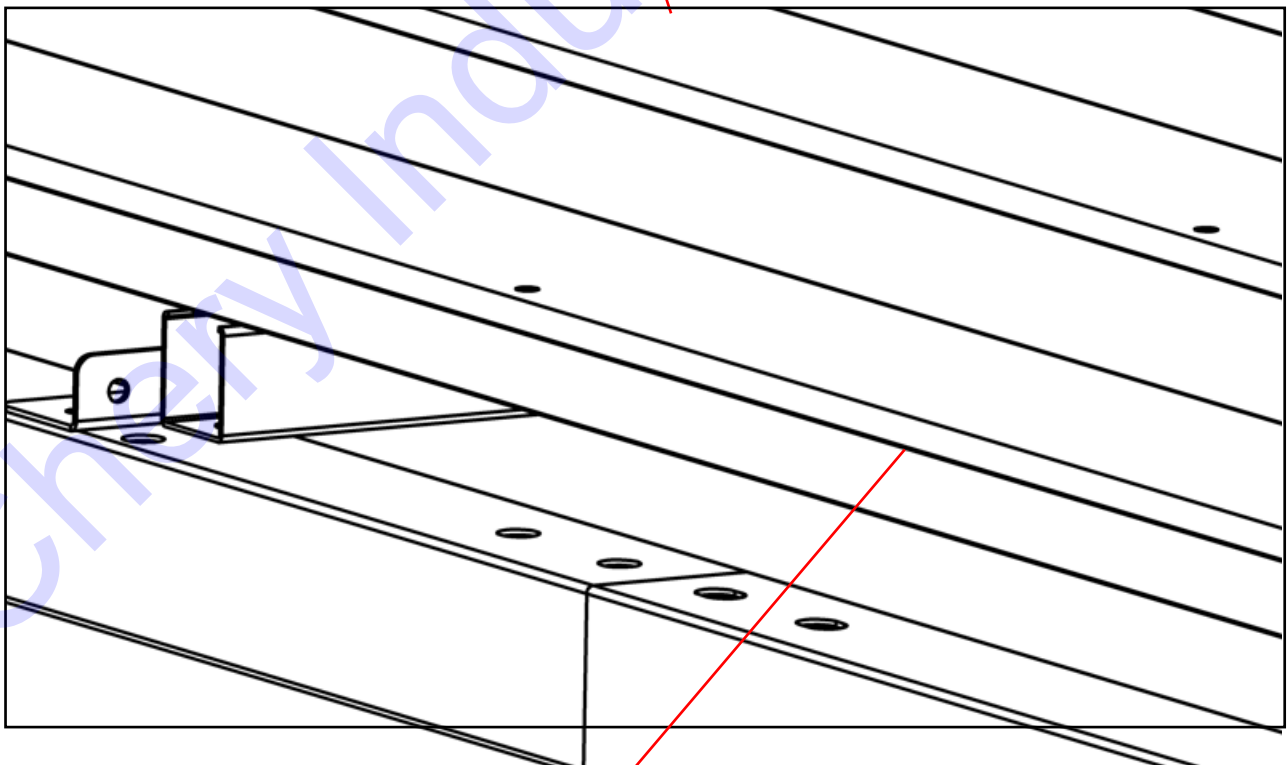
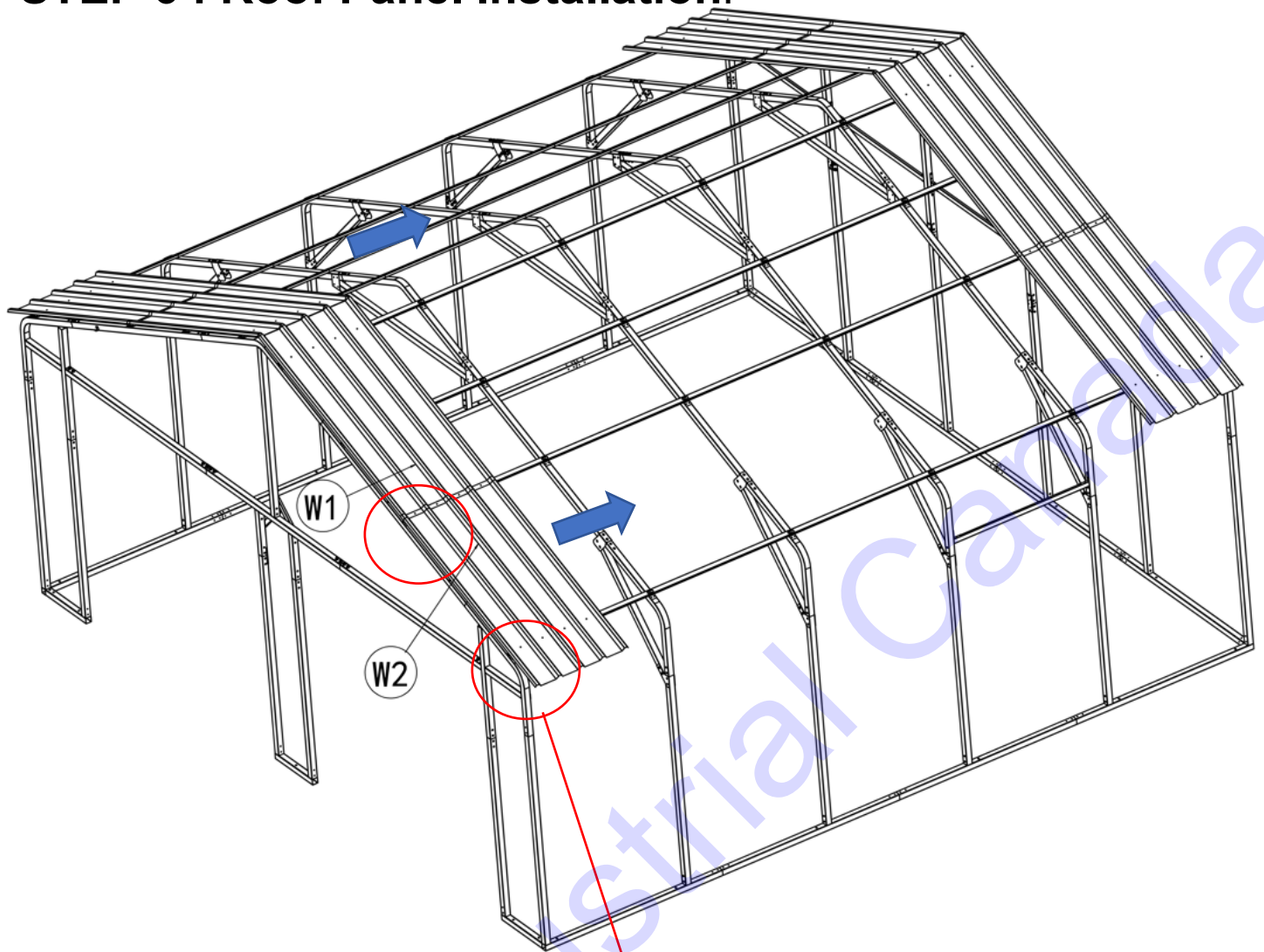




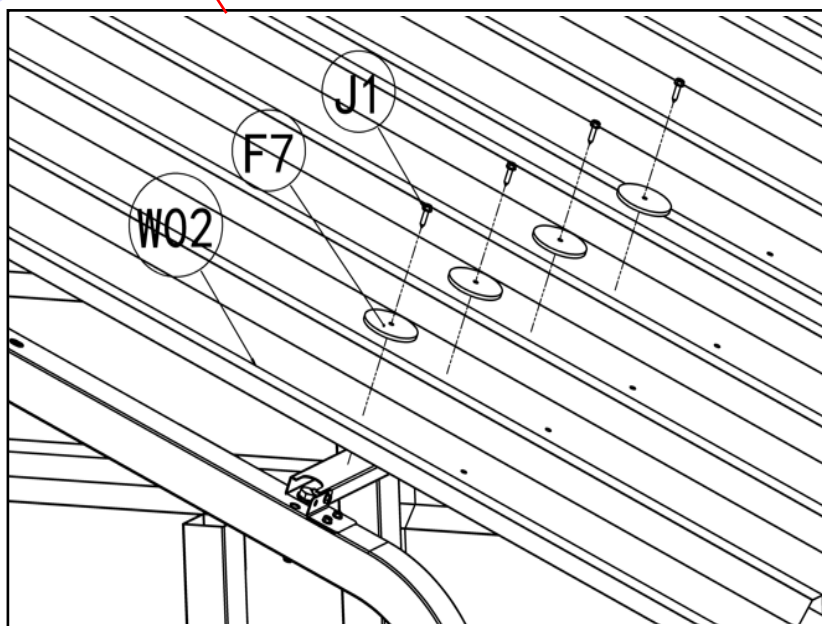
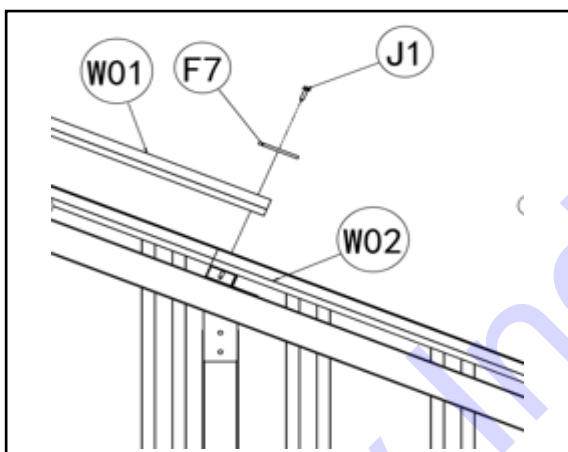
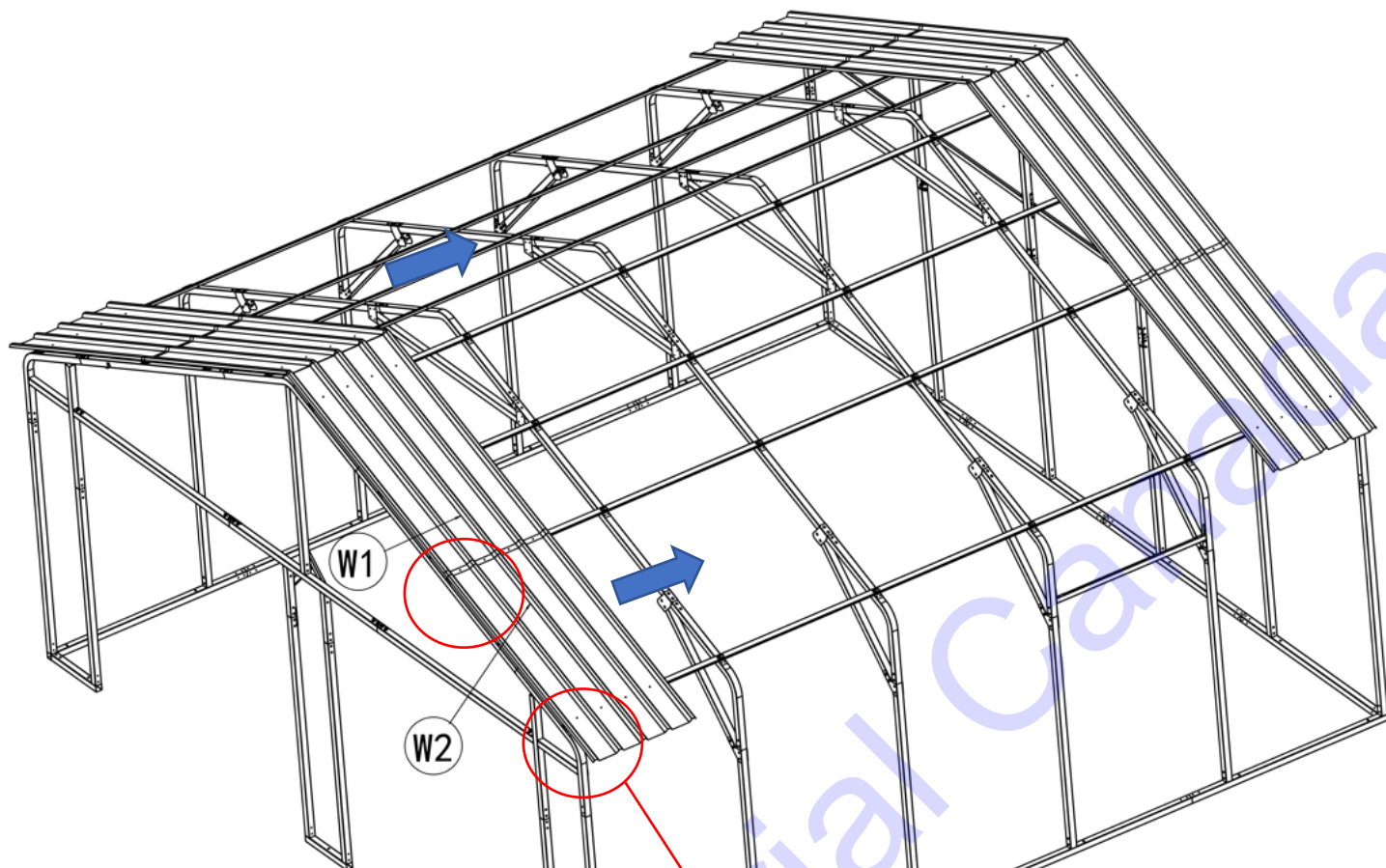
Note: T05 snaps directly onto B18.


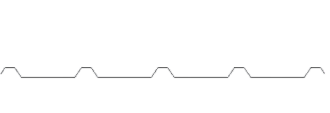
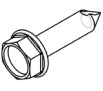



STEP 6 : Roof Panel Installation.

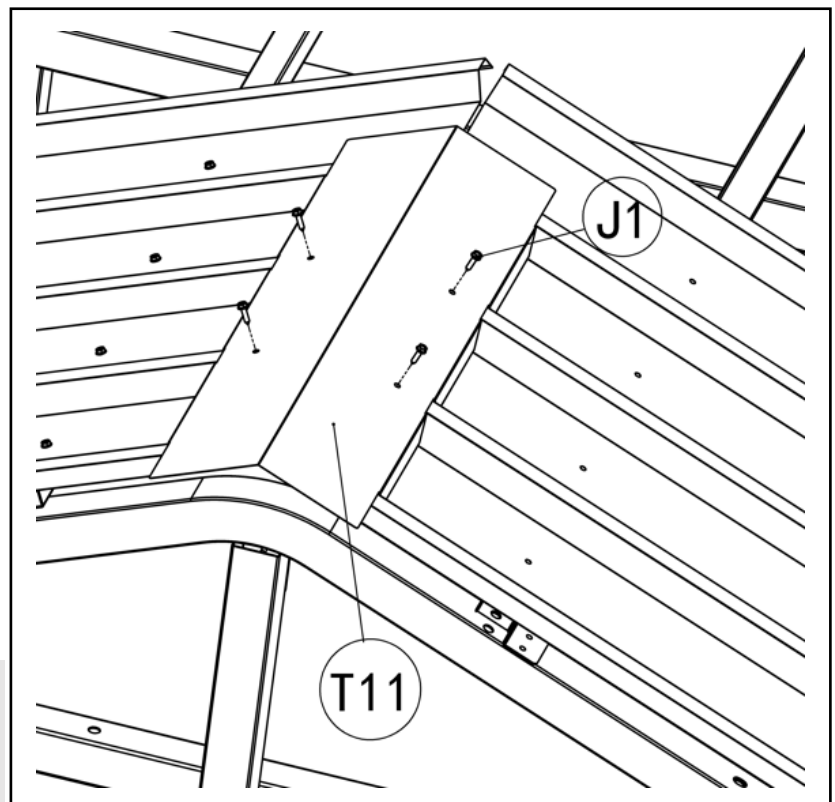
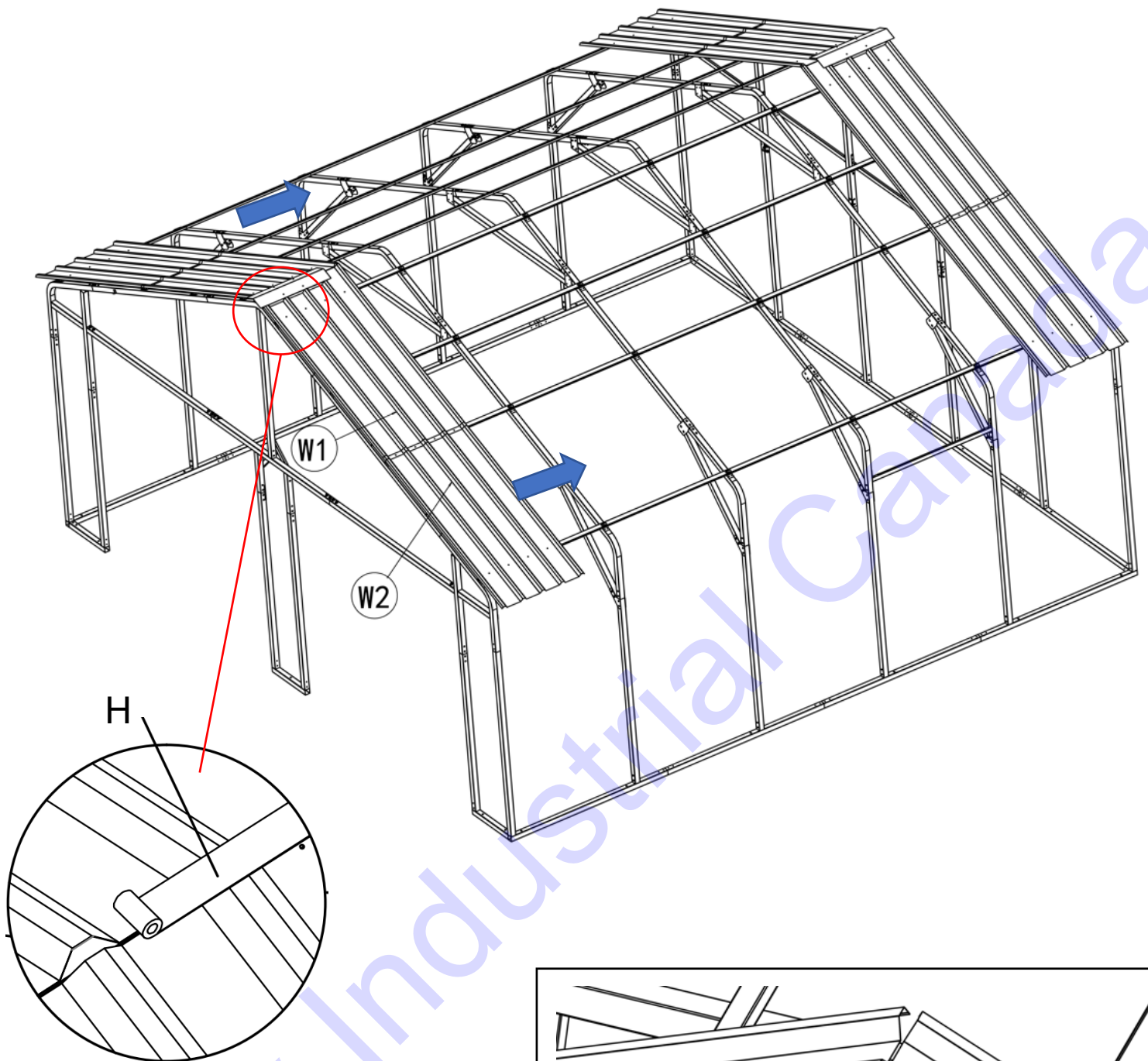


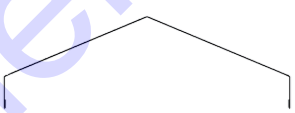
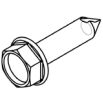

Note: Panels should be stuck in B37.



Part	No	Qty
W01		16
W02		16
J1		192
F7		192

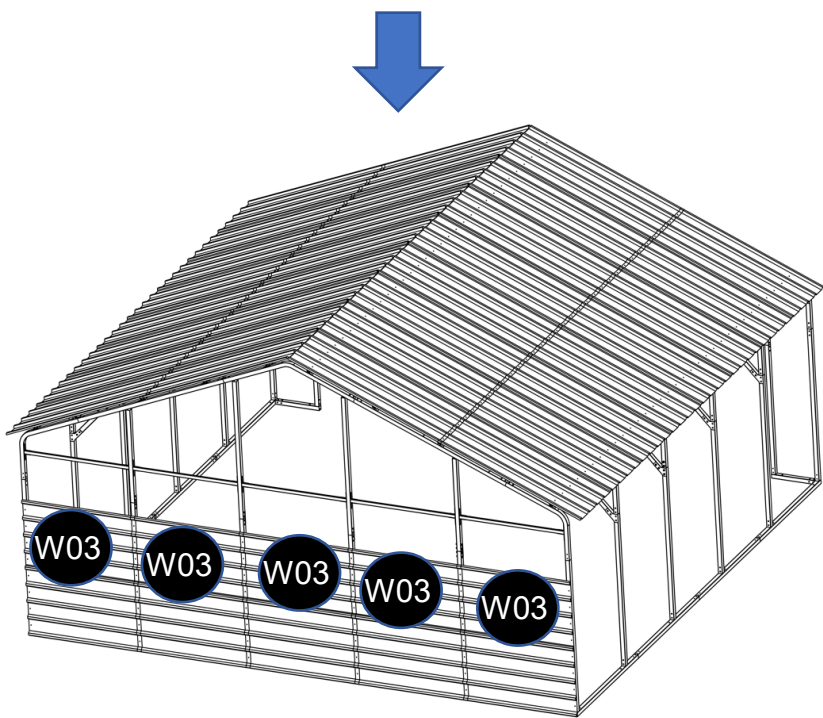
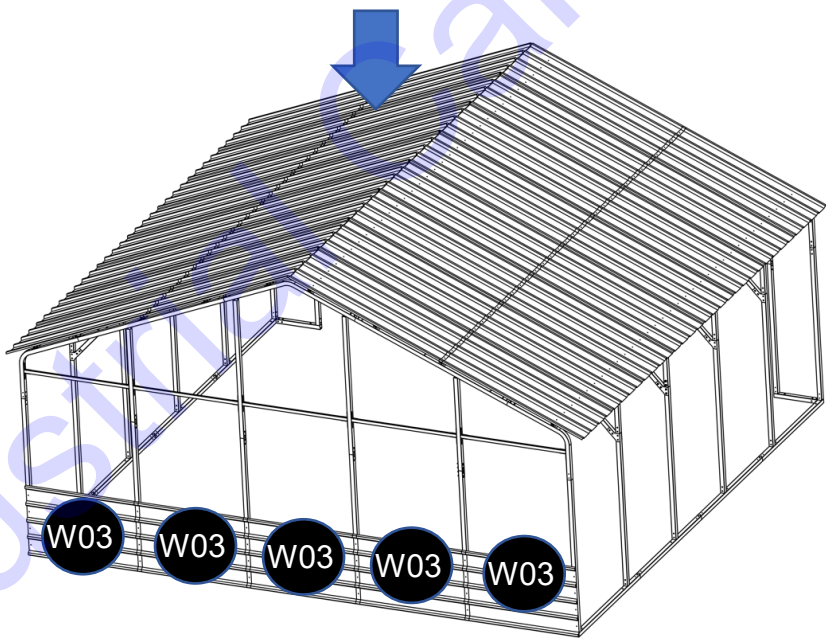
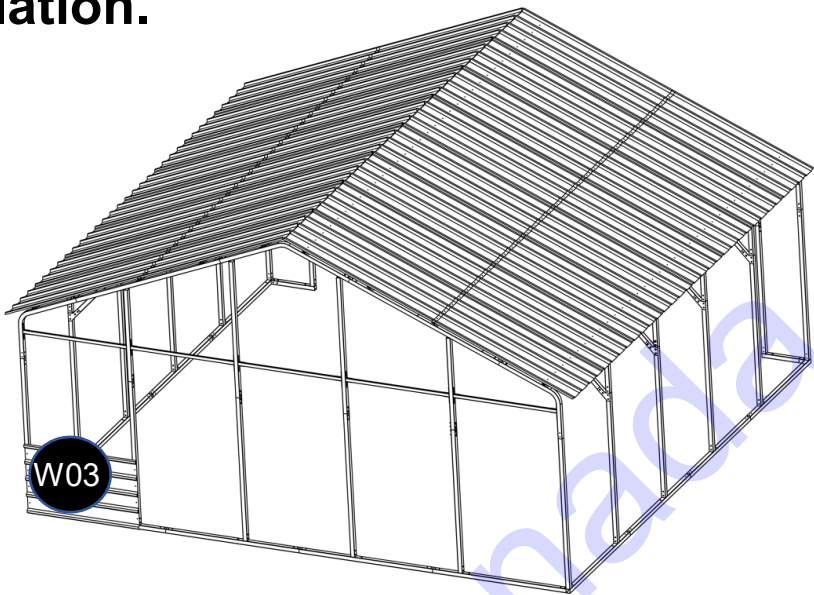
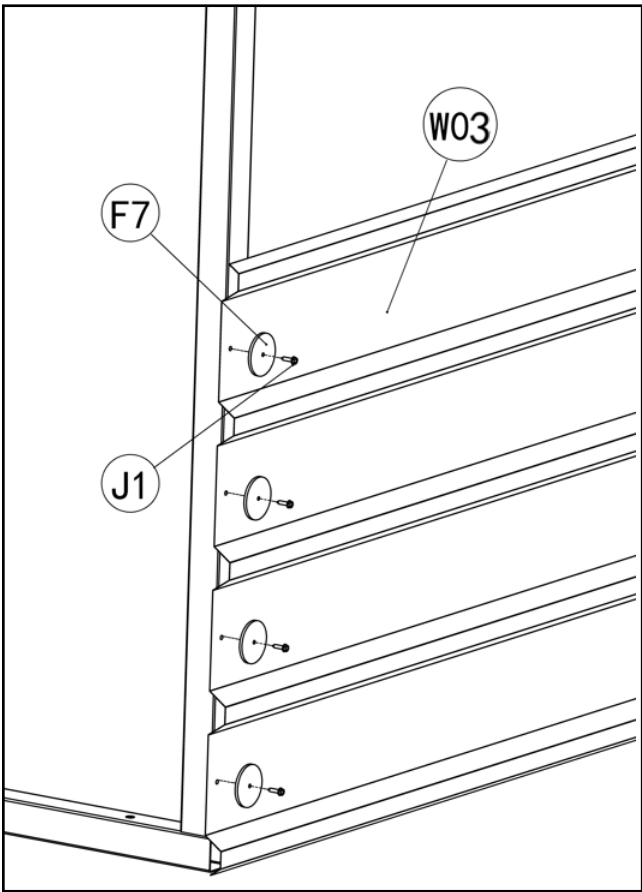
Note: Install W02 first, then Put W01 upon W02 to prevent leaking.
F7 must be used to prevent leaking too.


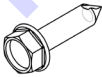




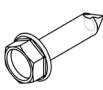


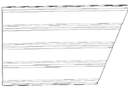
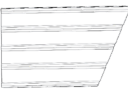



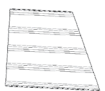


Part	No	Qty
T11		11
J1		44
H		1

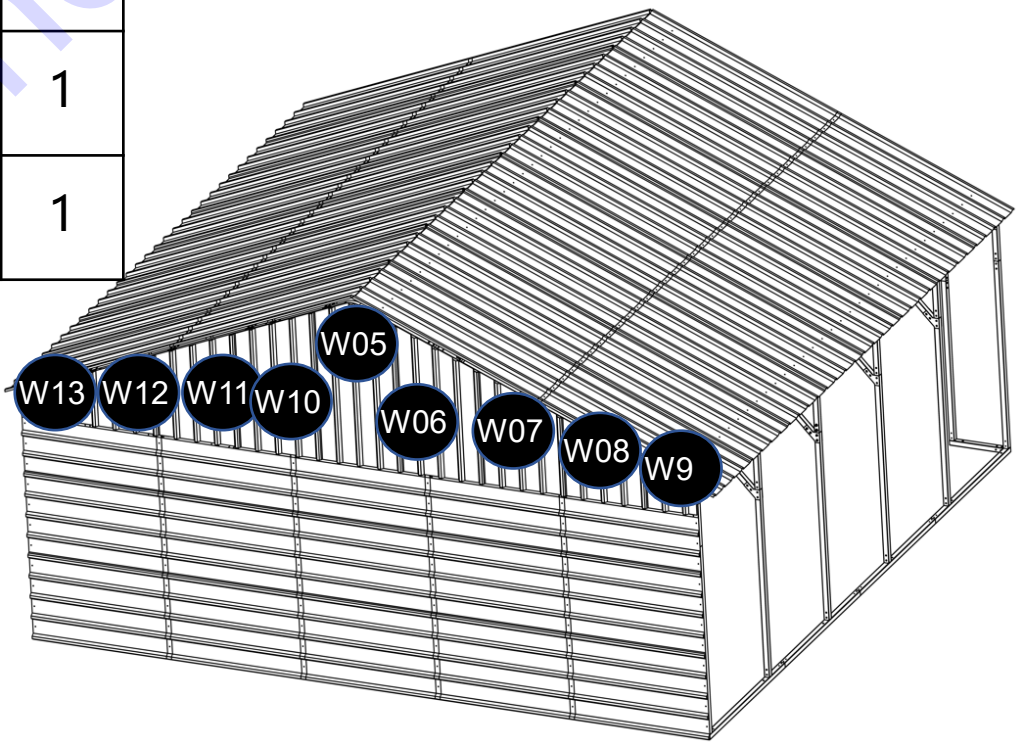
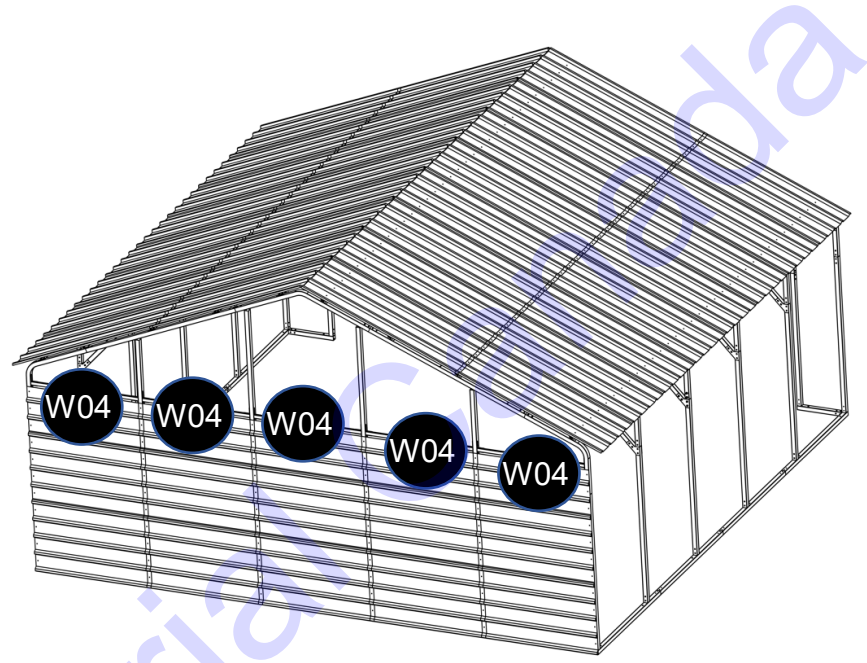
Note:First attach the sealing tape H to the gap between the two tiles, then install T11.

STEP 7 : Rear Panel Installation.

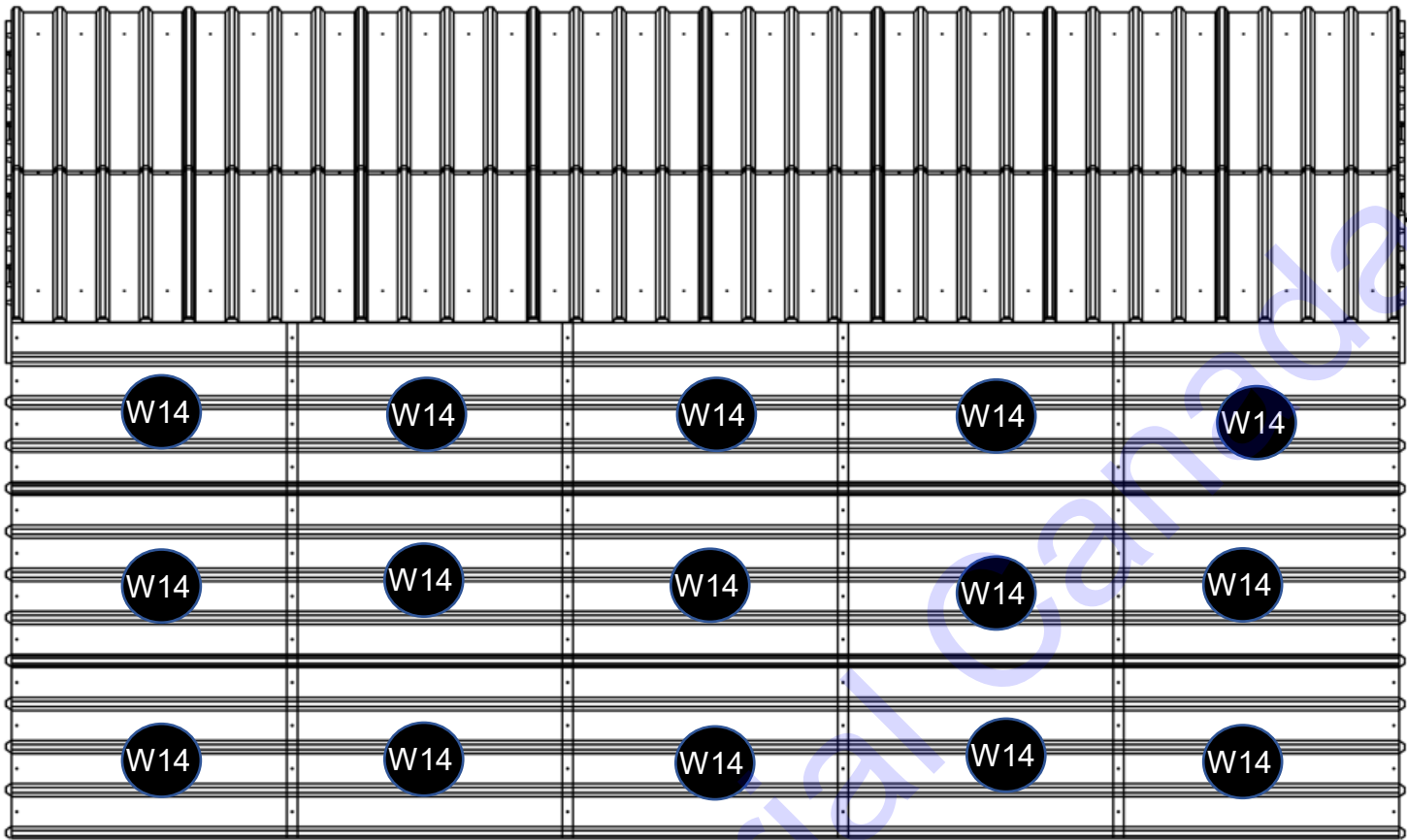



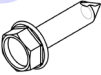

Part	No	Qty
W03		10
J1		48
F7		48

Part	No	Qty
W04		5
J1		48
F7		48
W05		1
W06		1
W07		1
W08		1
W09		1
W10		1
W11		1
W12		1
W13		1

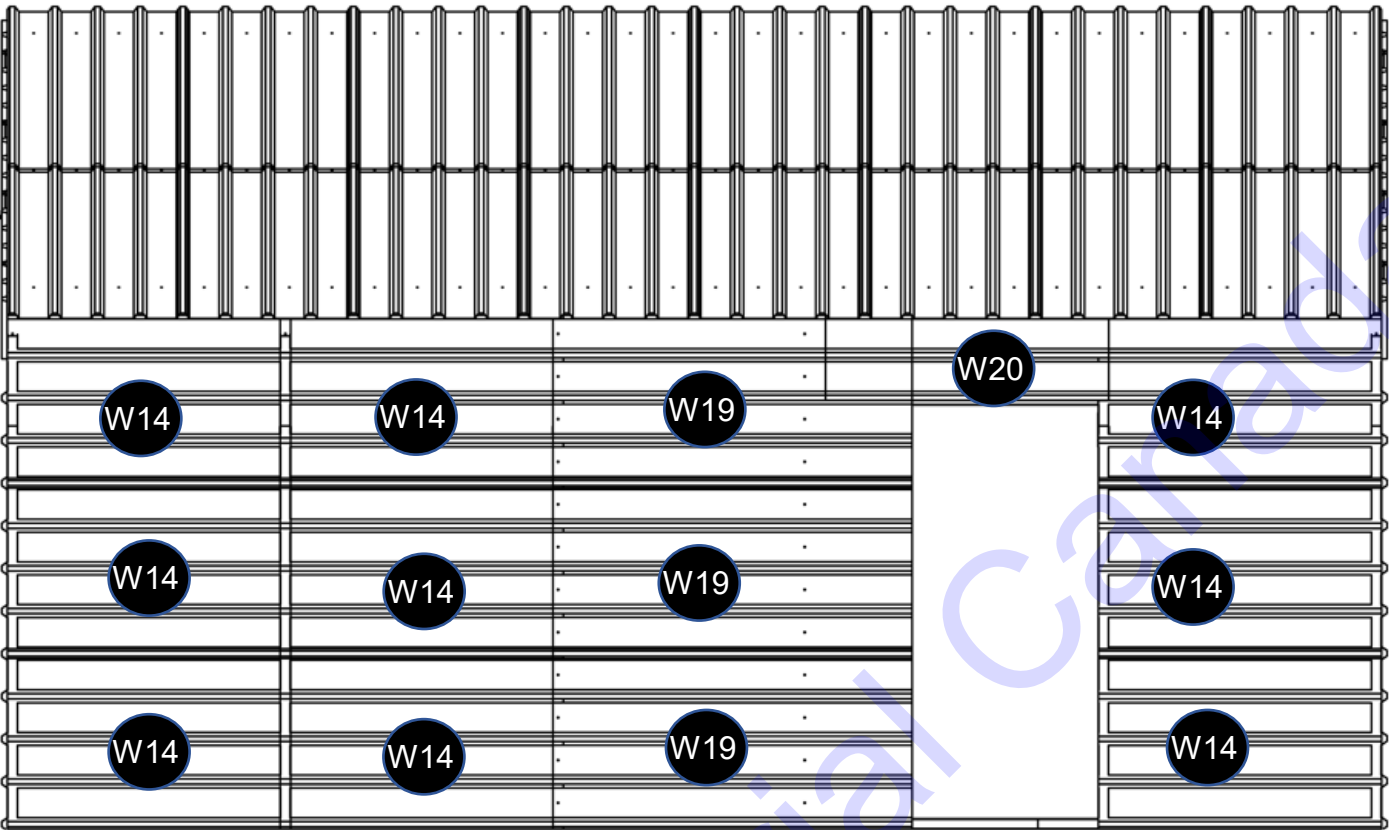


STEP 8 : Side Wall Panel Installation (without door).



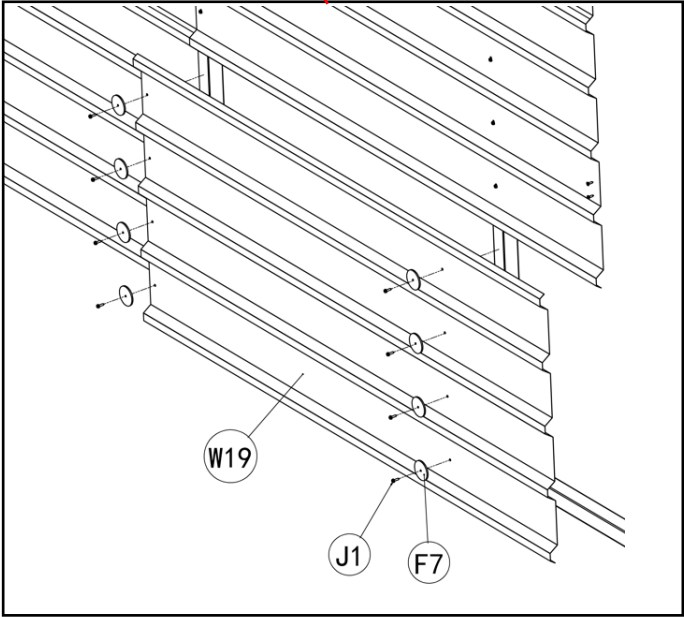
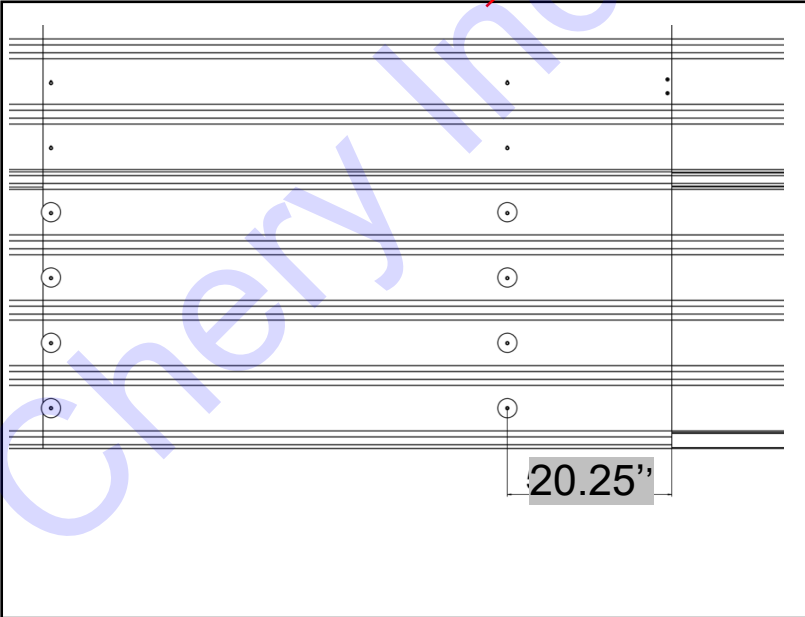
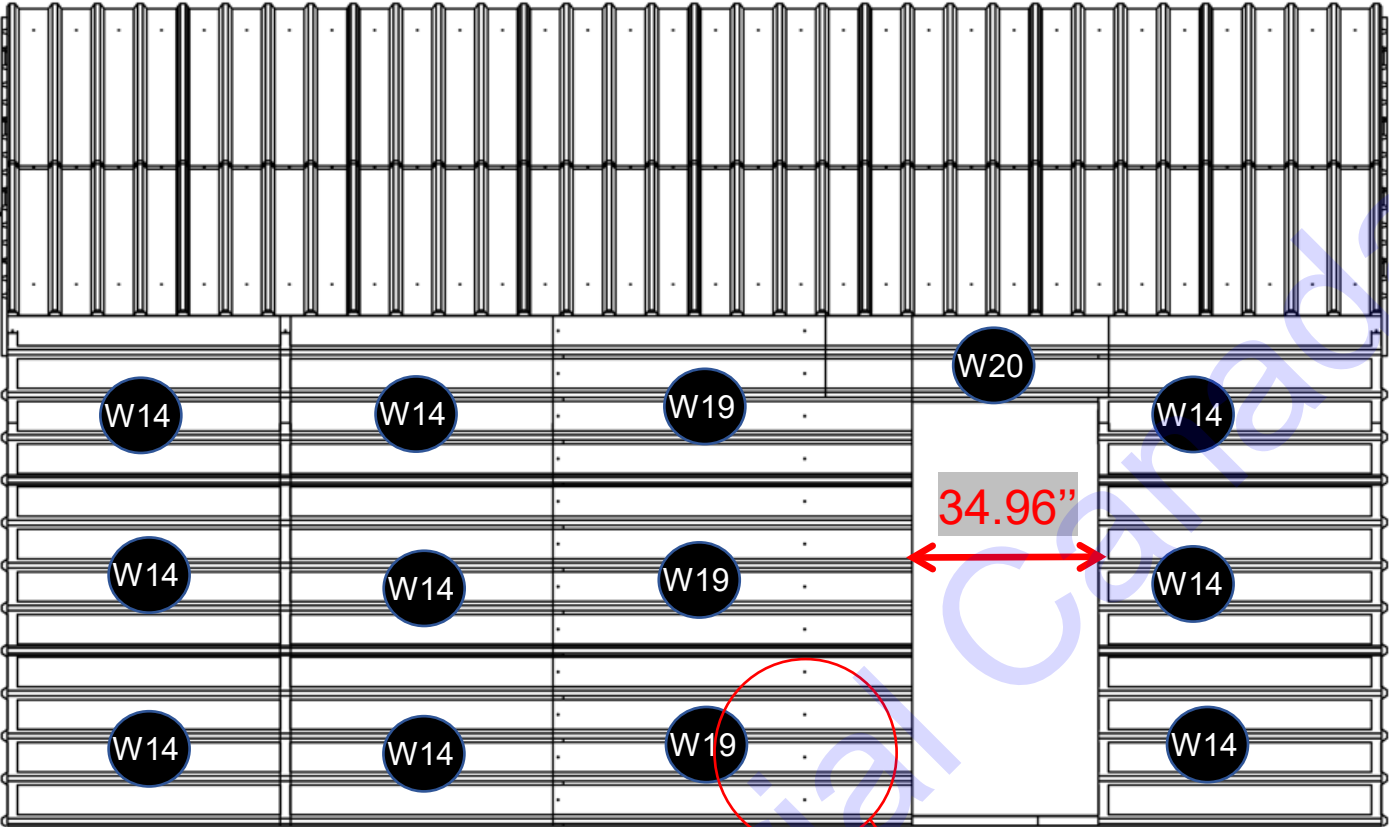
Part	No	Qty
W14		15
J1		72
F7		72

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

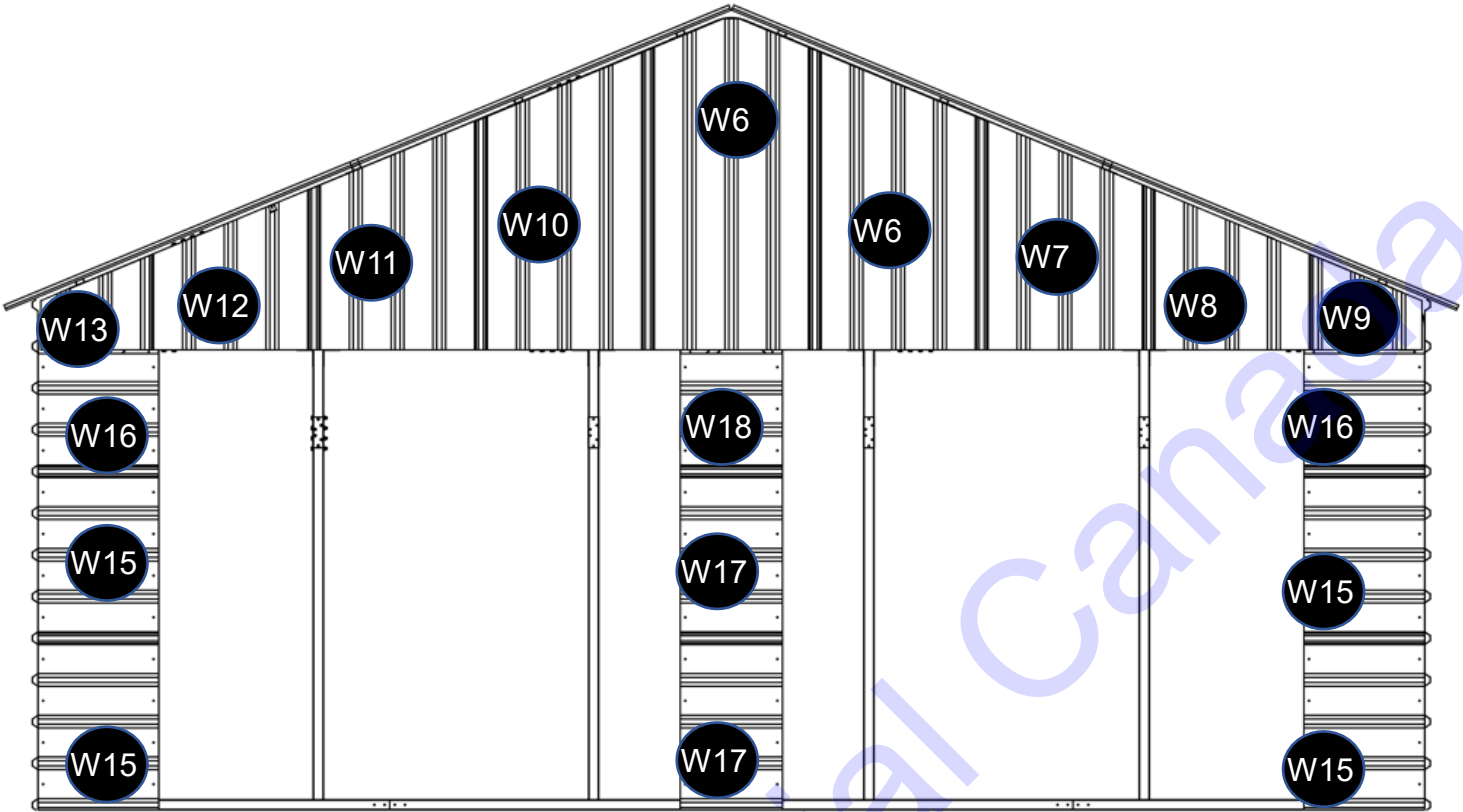




Part	No	Qty
W14		9
J1		72
F7		72
W19		3
W20		1

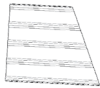



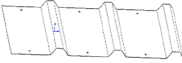

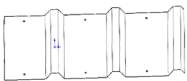
STEP 9: Side Wall Panel Installation (with door).



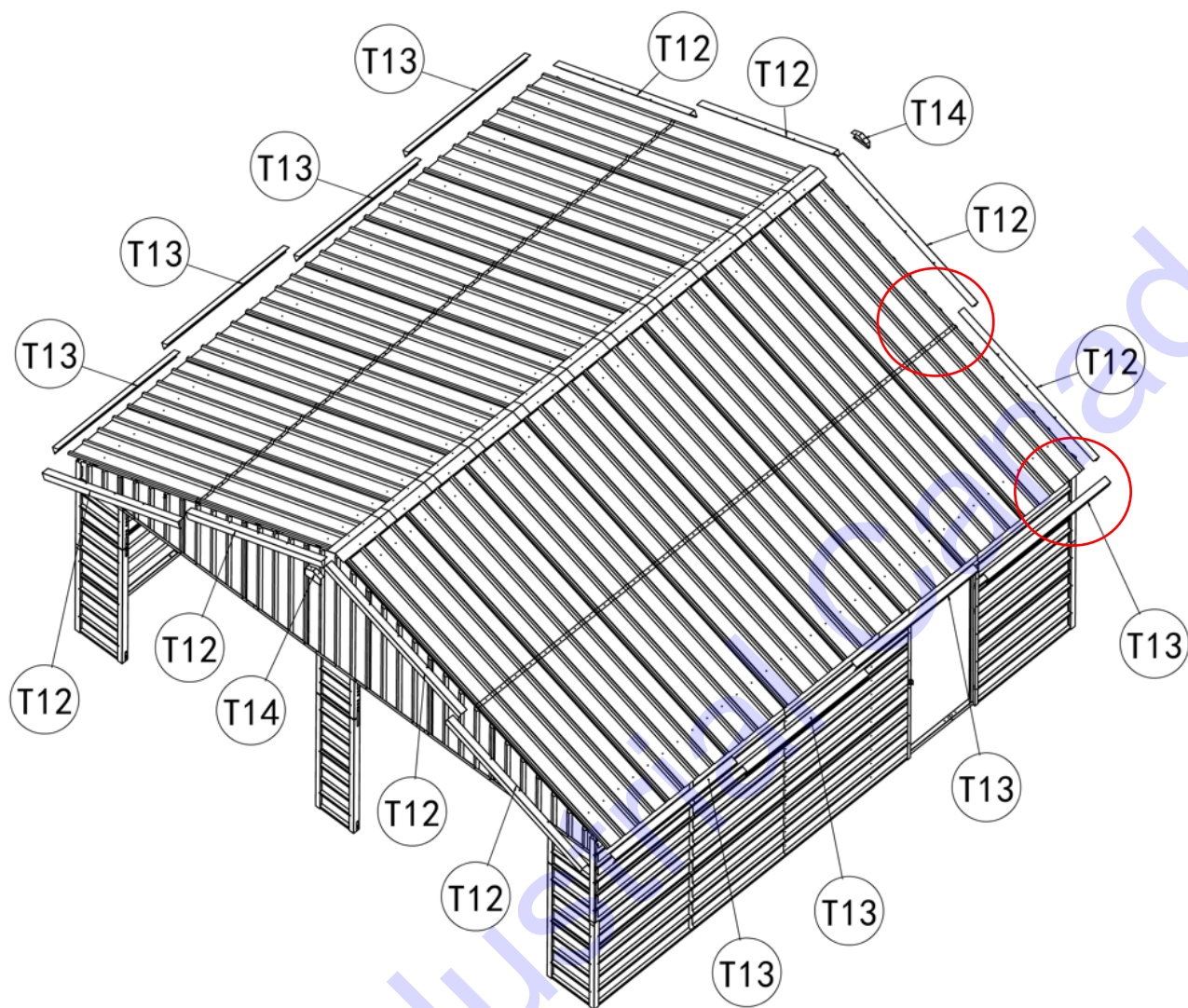
STEP 10: Front Door Panel Installation.

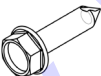





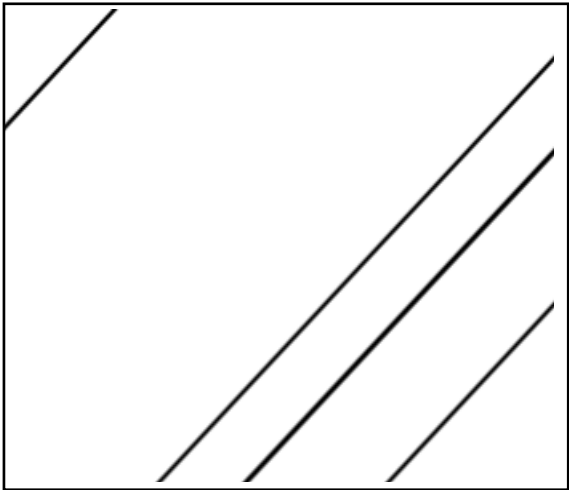
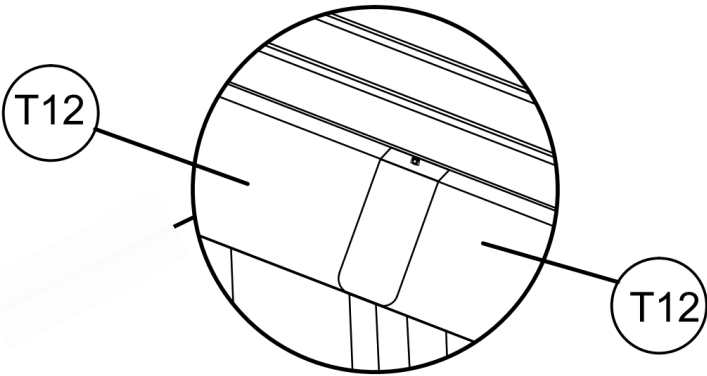
Part	No	Qty
J1		108
F7		108
W05		1
W06		1
W07		1
W08		1
W09		1
W10		1

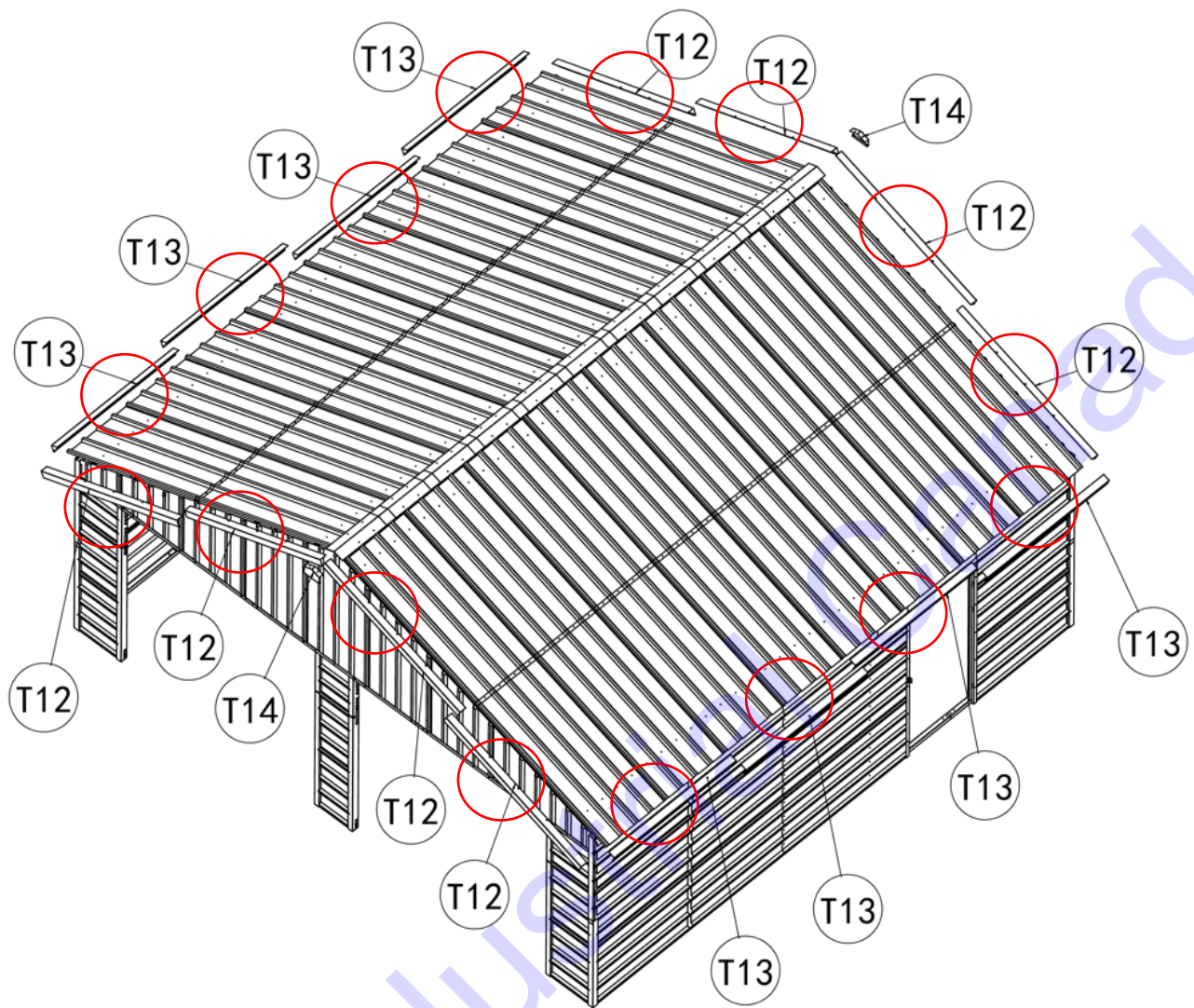
Part	No	Qty
W11		1
W12		1
W13		1
W15		4
W16		2
W17		2
W18		1

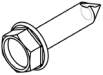

STEP 11: Install The Top Wrapping Strip

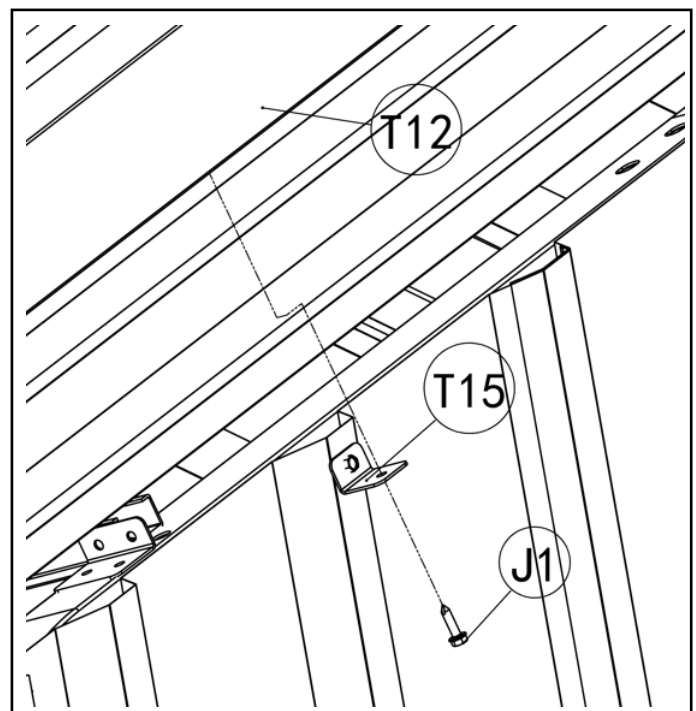


Part	No	Qty
J1		16
T12		8
T13		8
T27		4

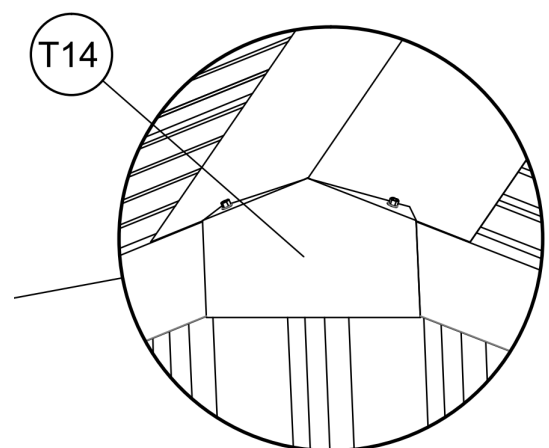
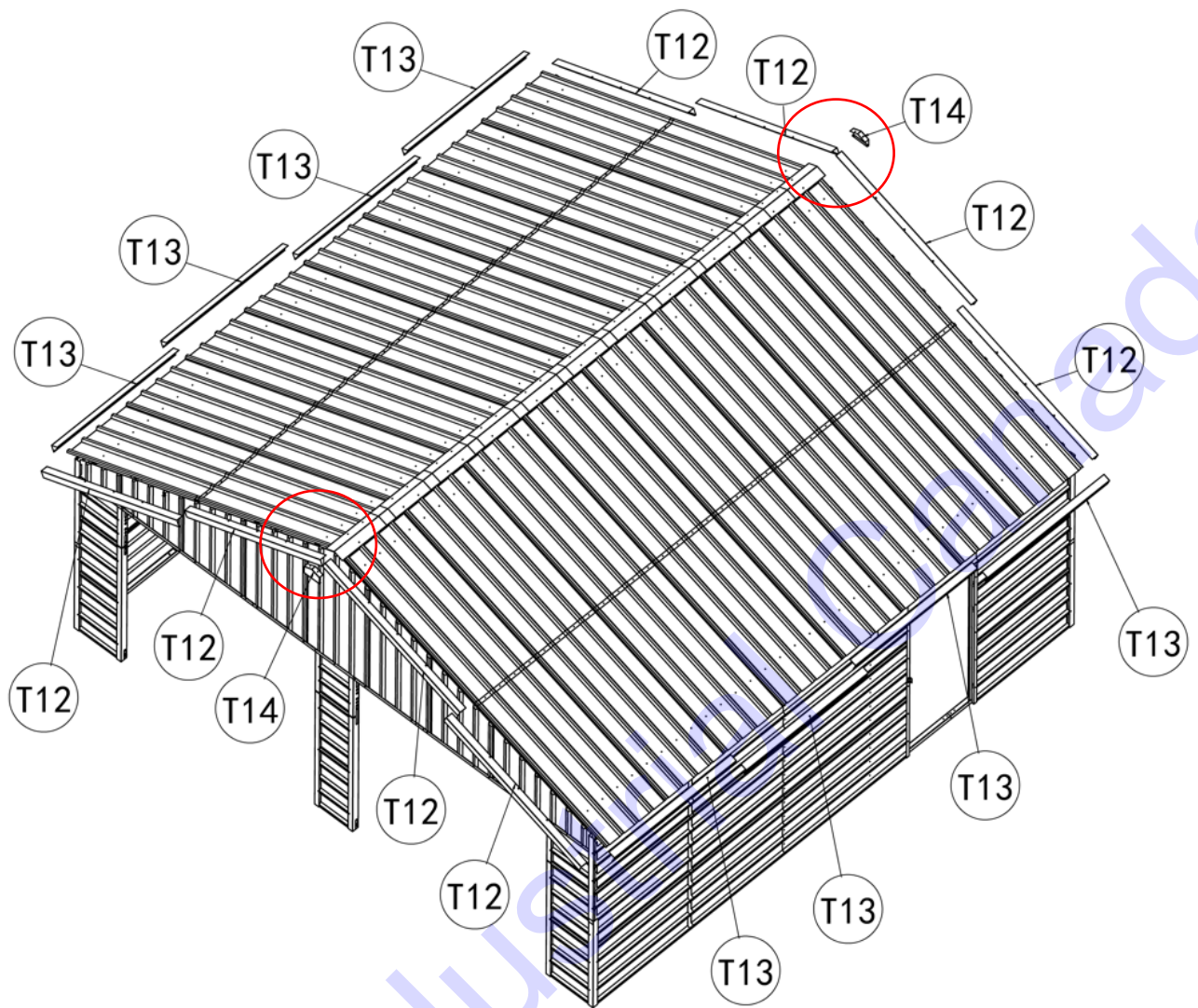


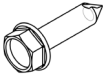
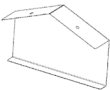


Part	No	Qty
J1		64
T15		38

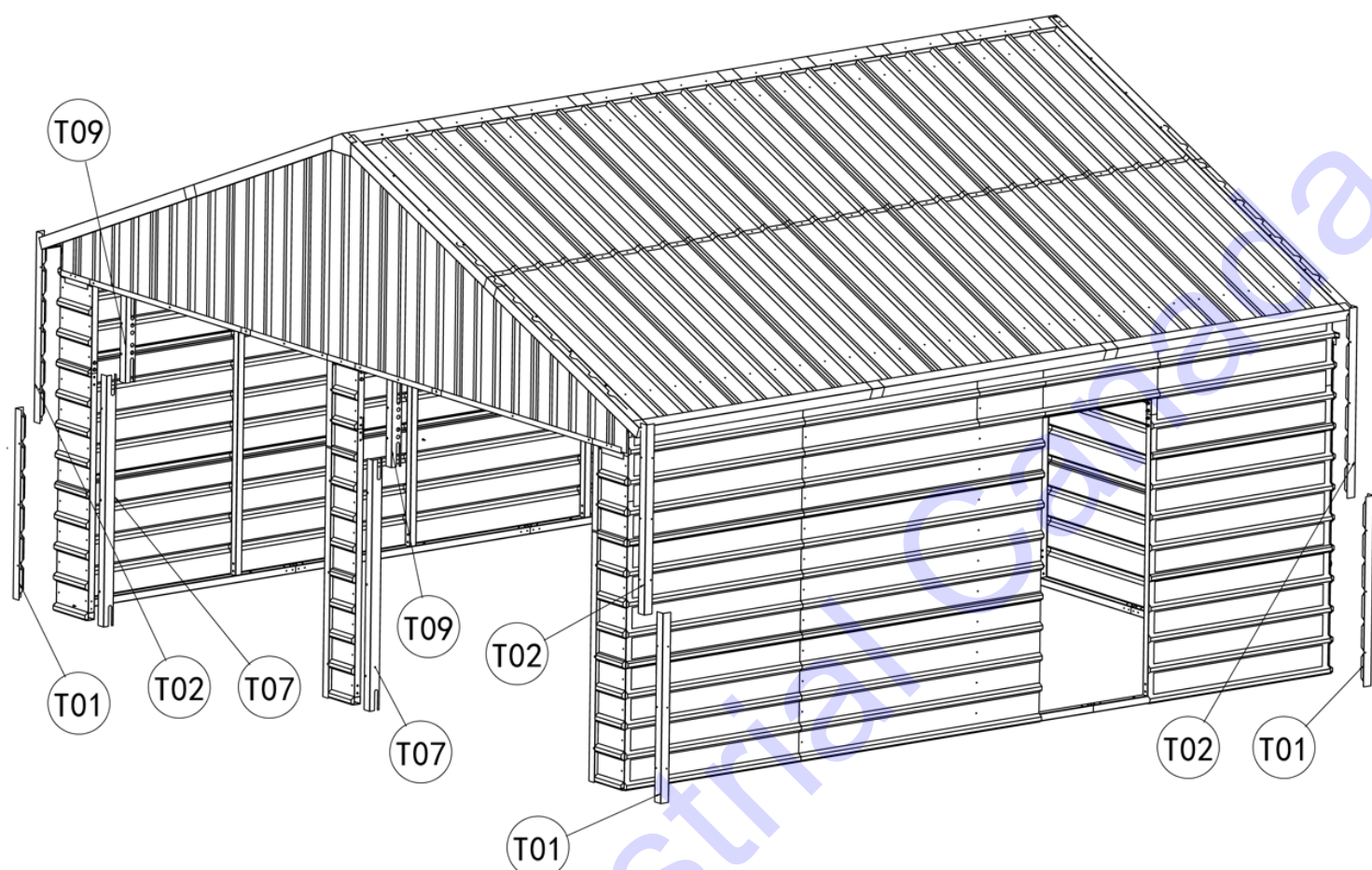


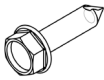




Note:T15 is used to reinforce decorative strips

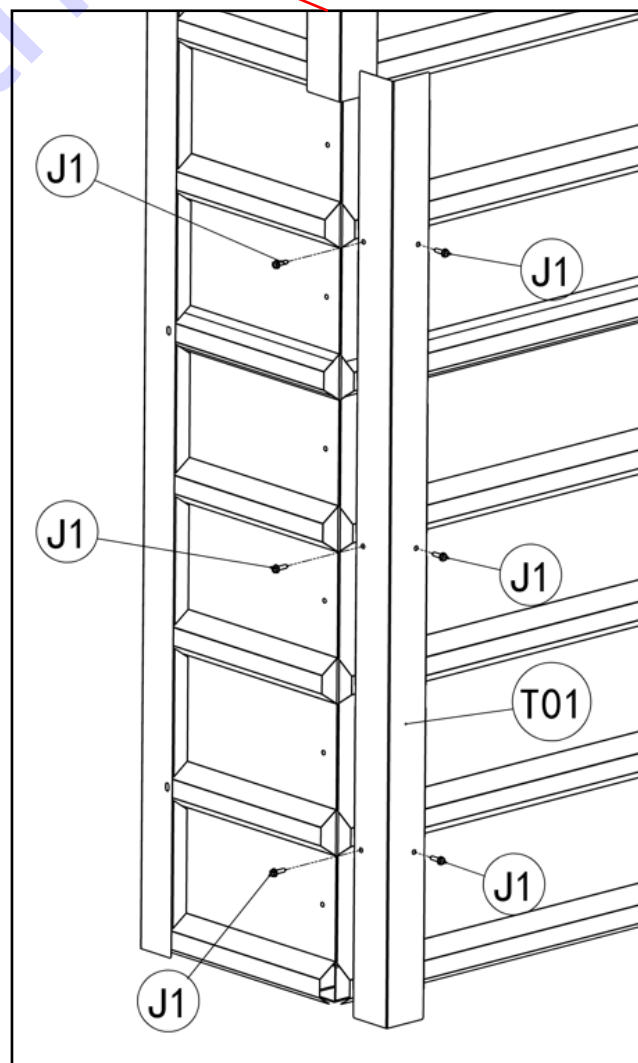
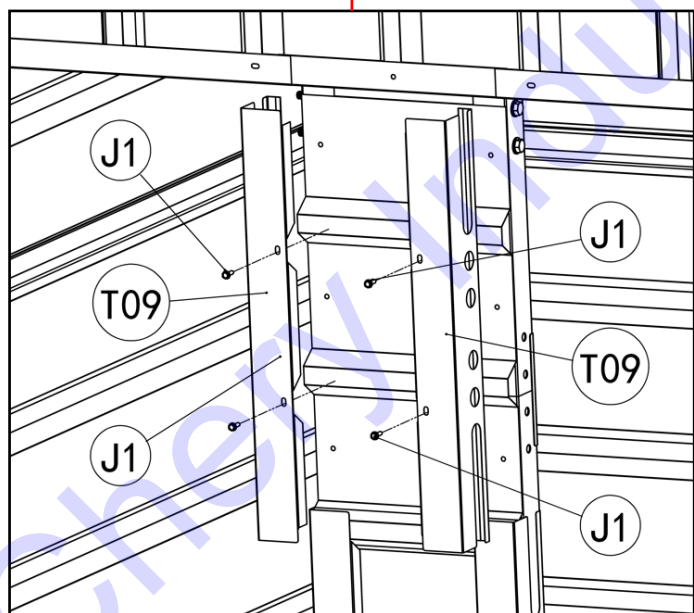
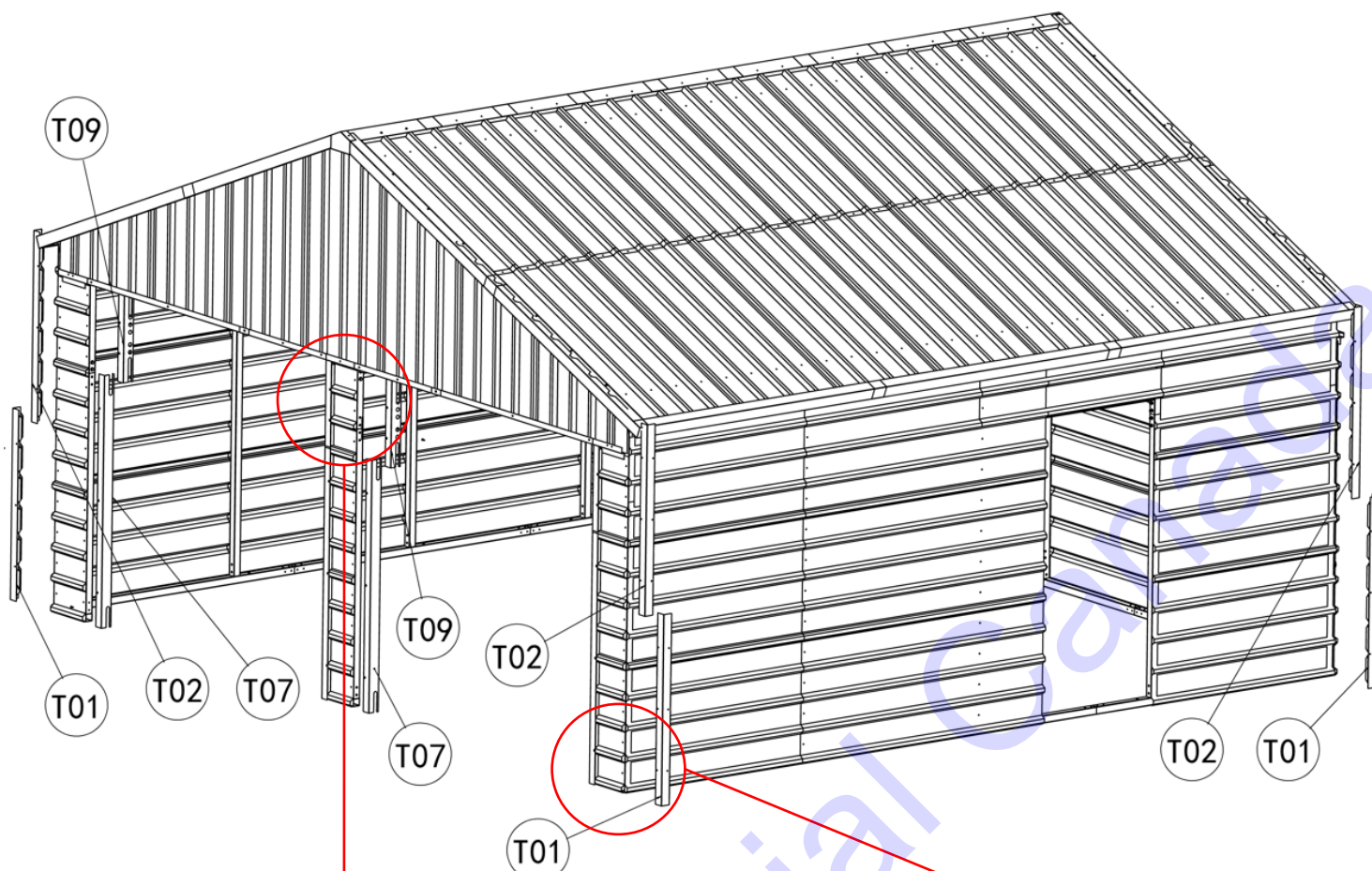


Part	No	Qty
J1		4
T14		2

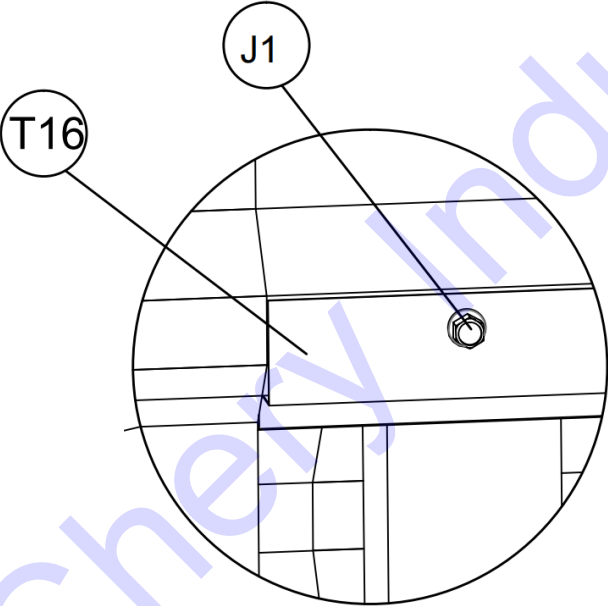
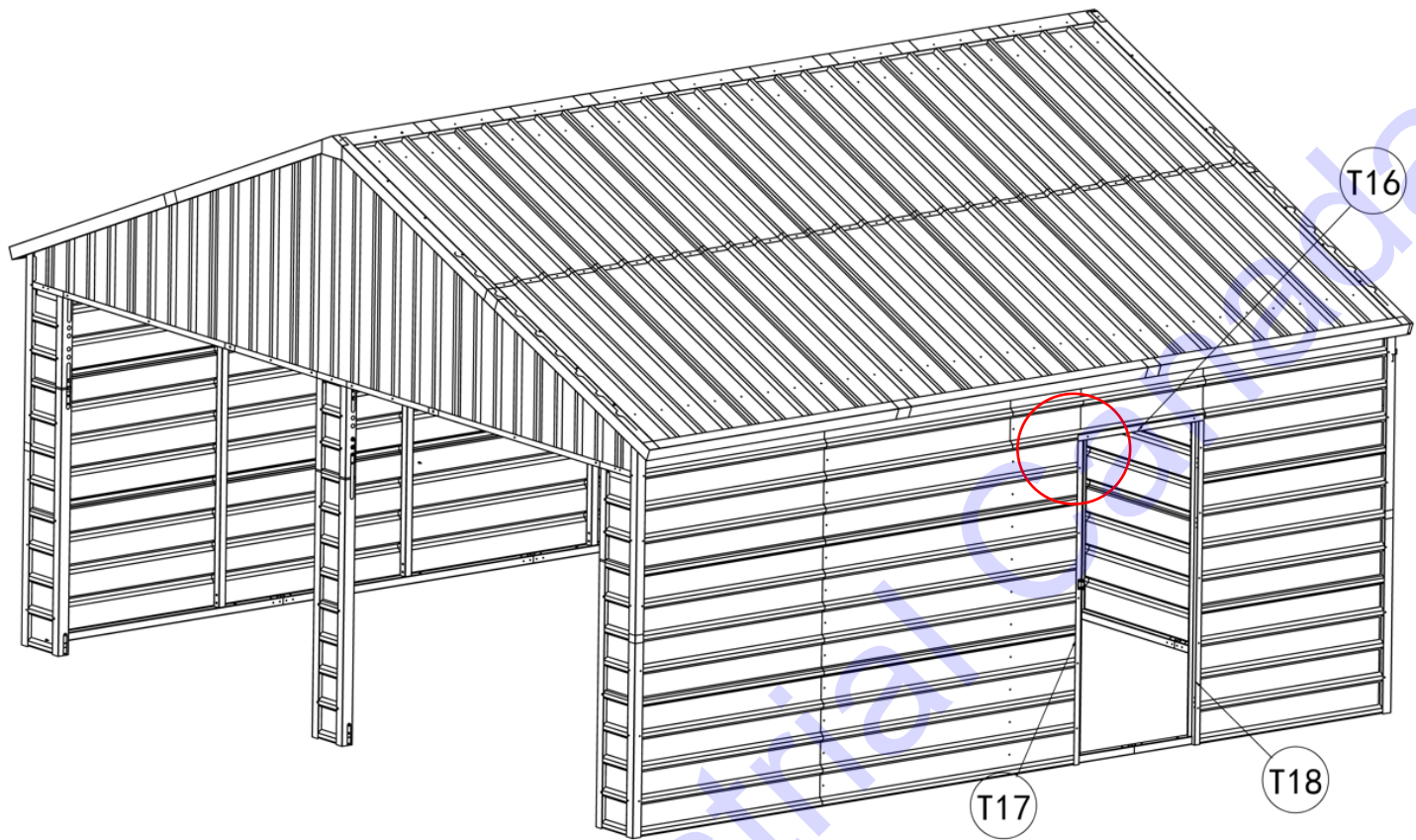
STEP 12: Install The Wall Wrapping Strip




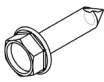


Part	No	Qty
J1		81
T01		4
T02		4
T07		4
T09		4










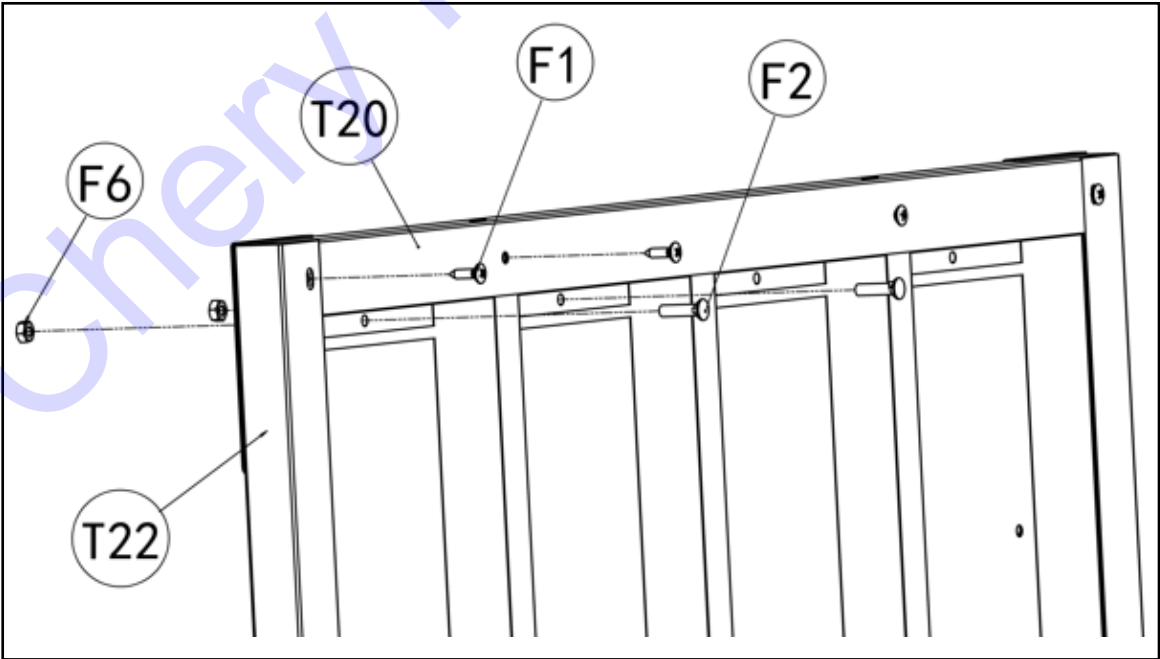
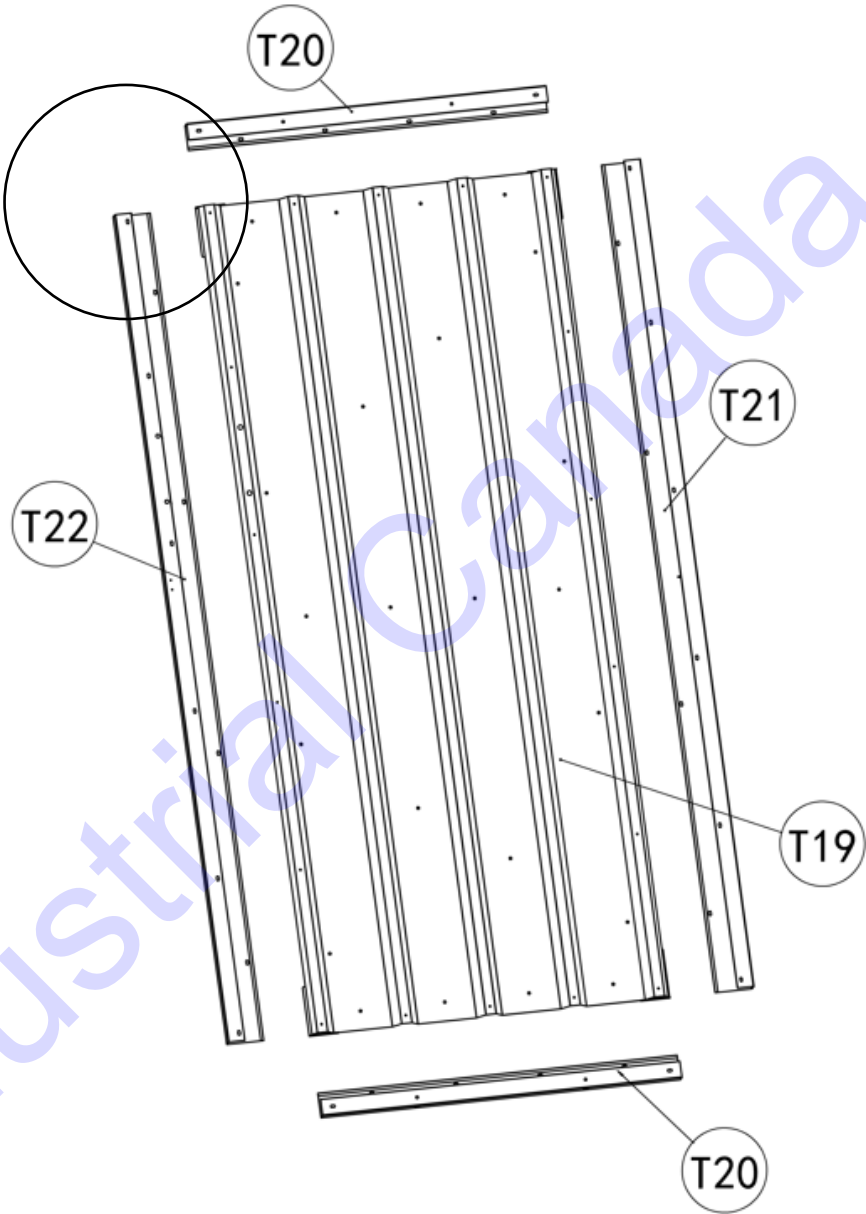
STEP 13: Install SideTrim Strips

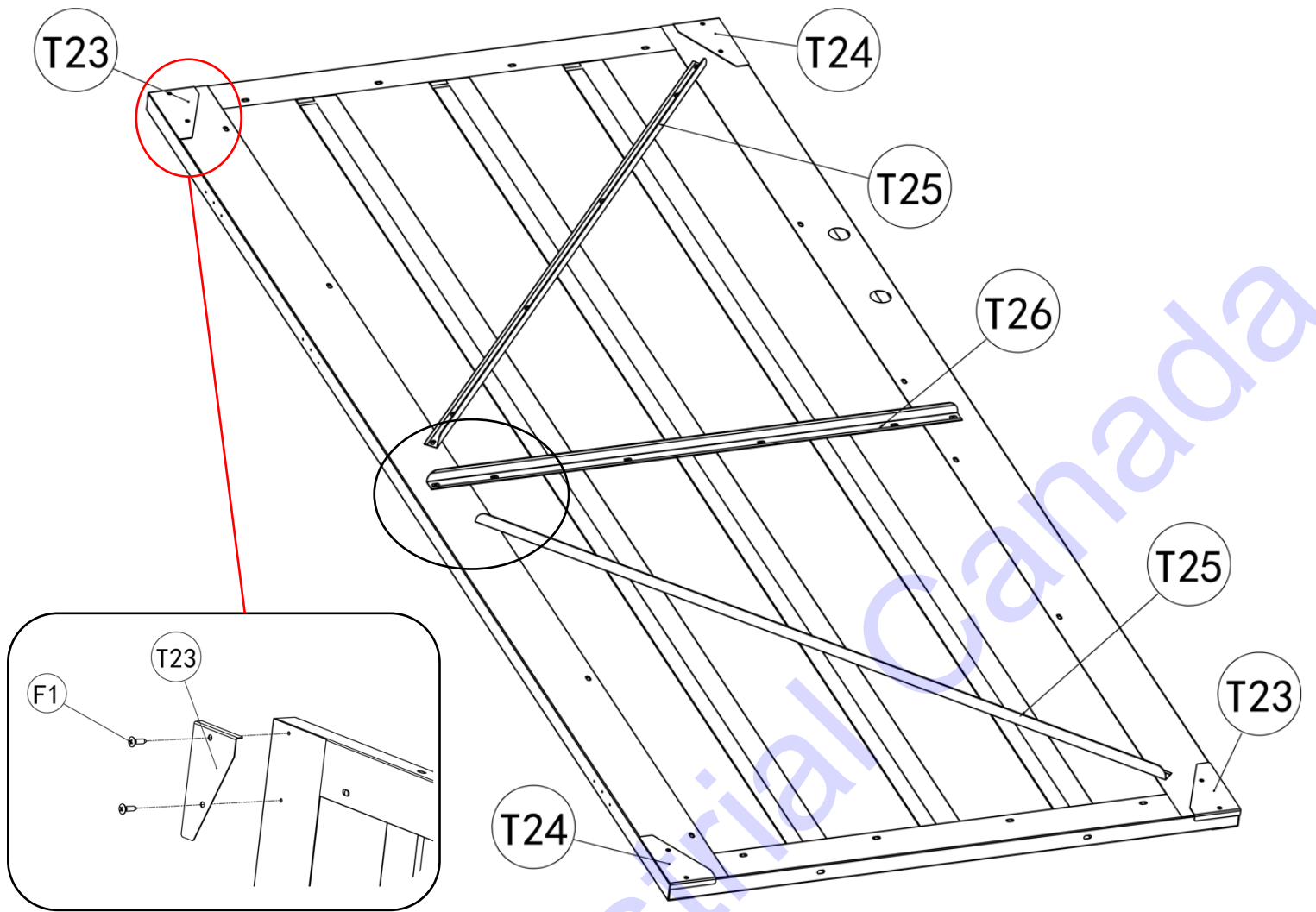


Part	No	Qty
T16		1
T17		1
T18		1
J1		13

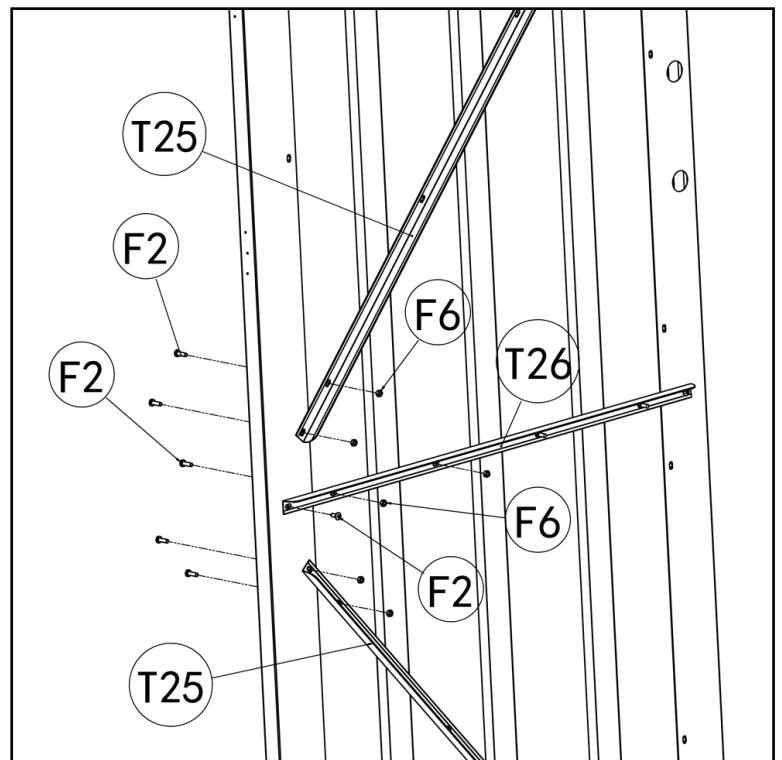
STEP 14: Door Assembly - Side Door

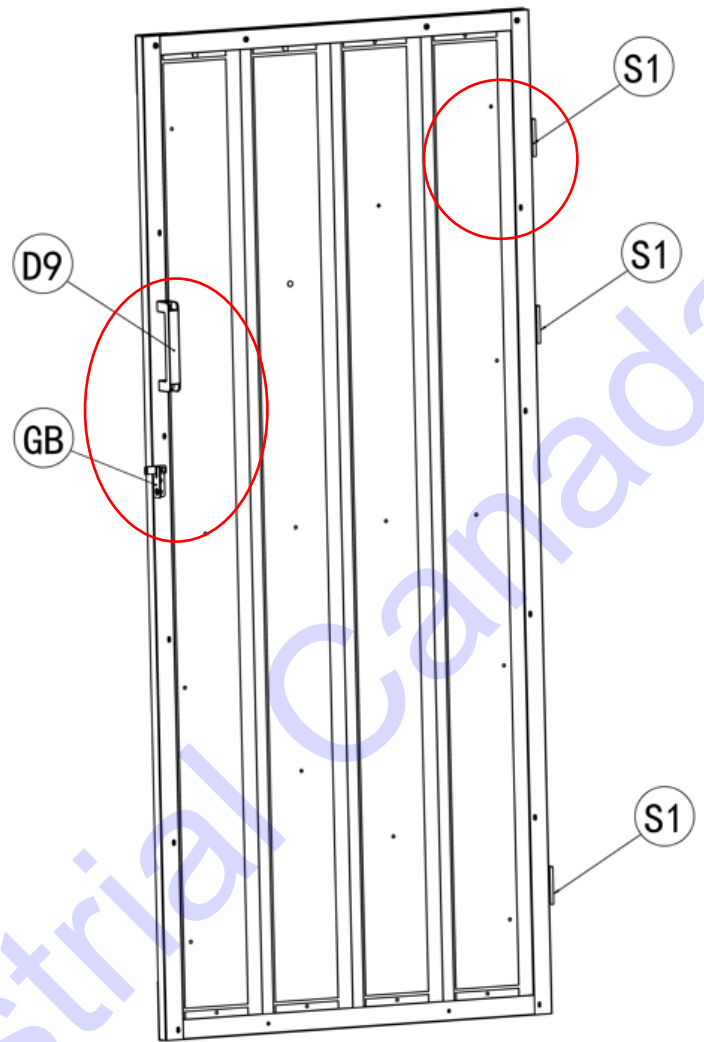
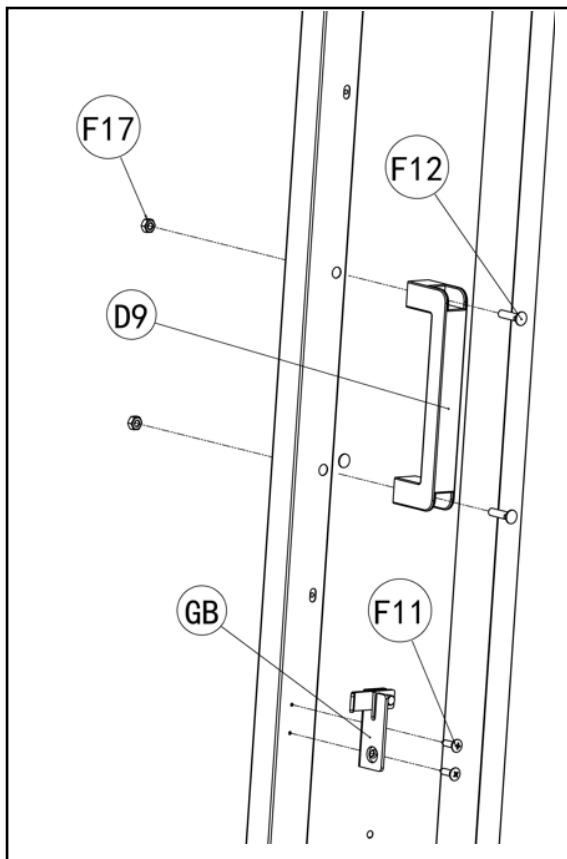
Part	No	Qty
T20		2
T21		1
T22		1
T19		1
F1		16
F2		8
F6		8






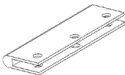


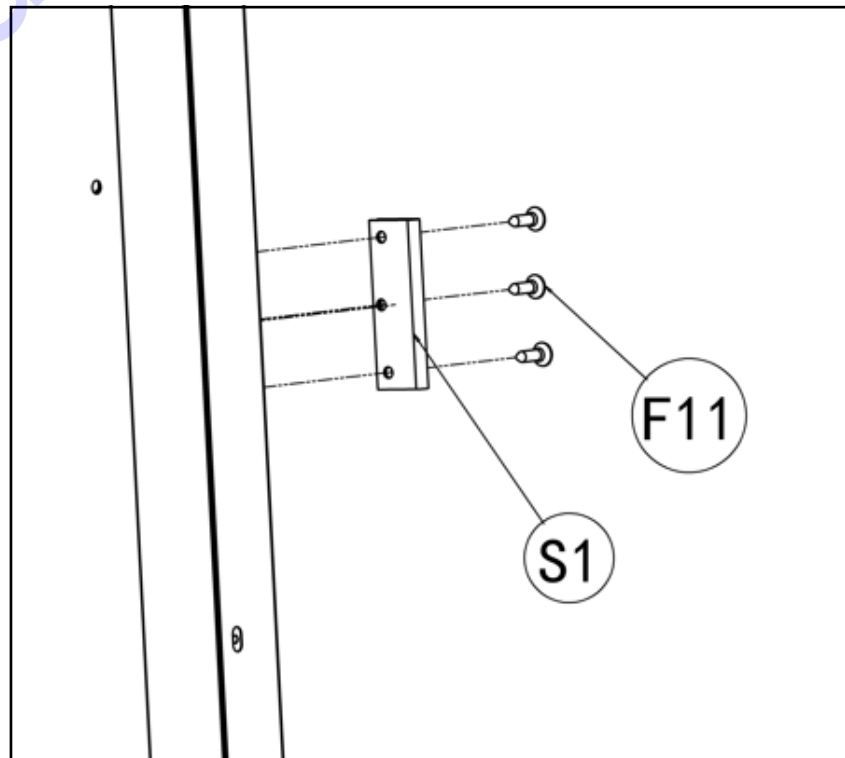


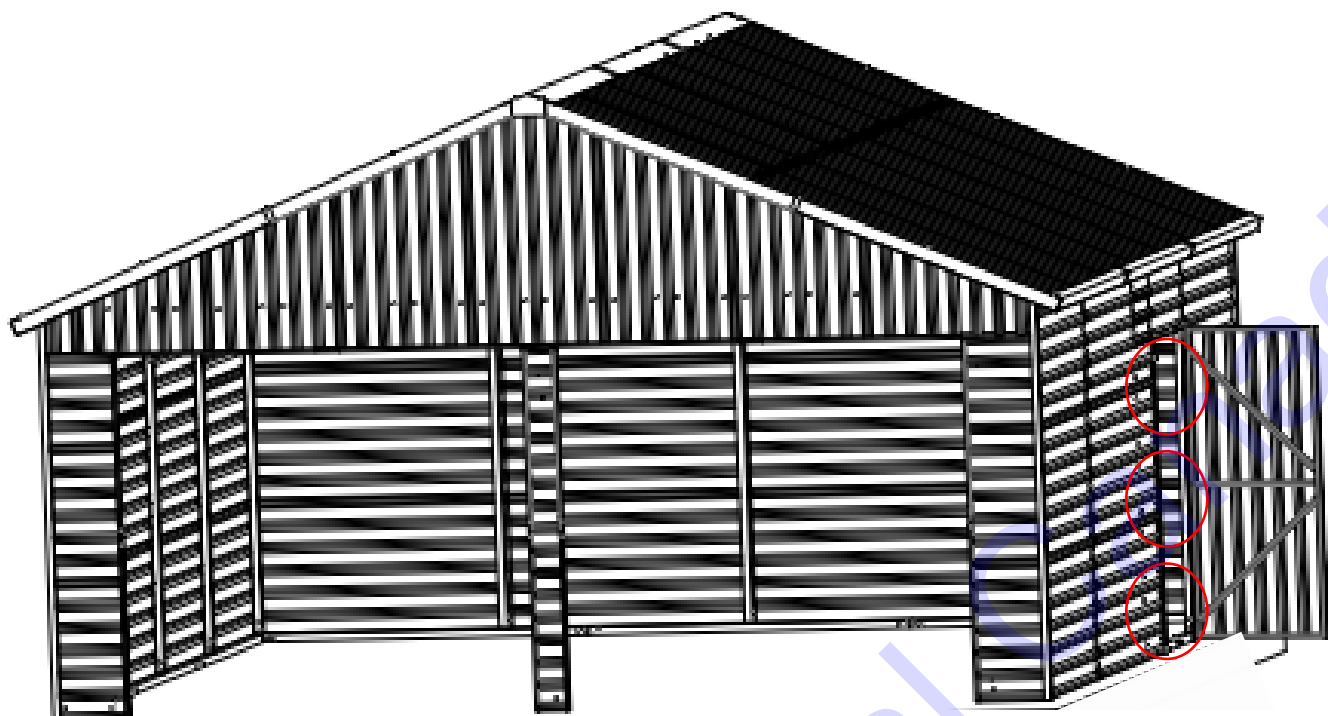
Part	No	Qty
T25		2
T26		1
F2		28
F6		28
F1		8
T23		2
T24		2




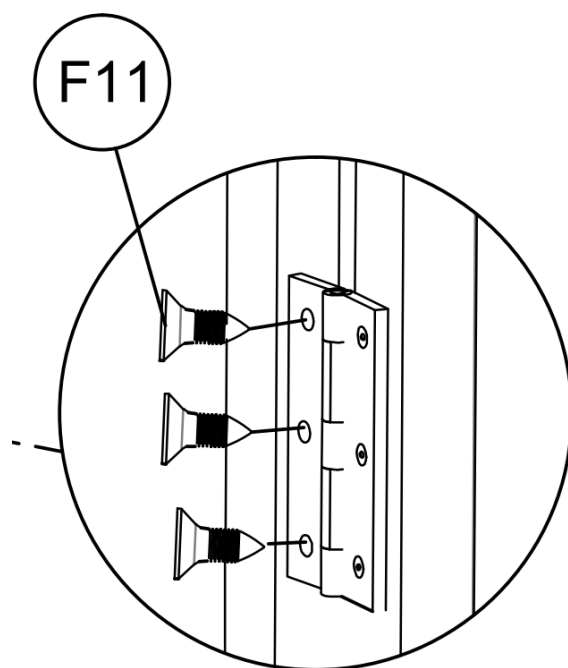


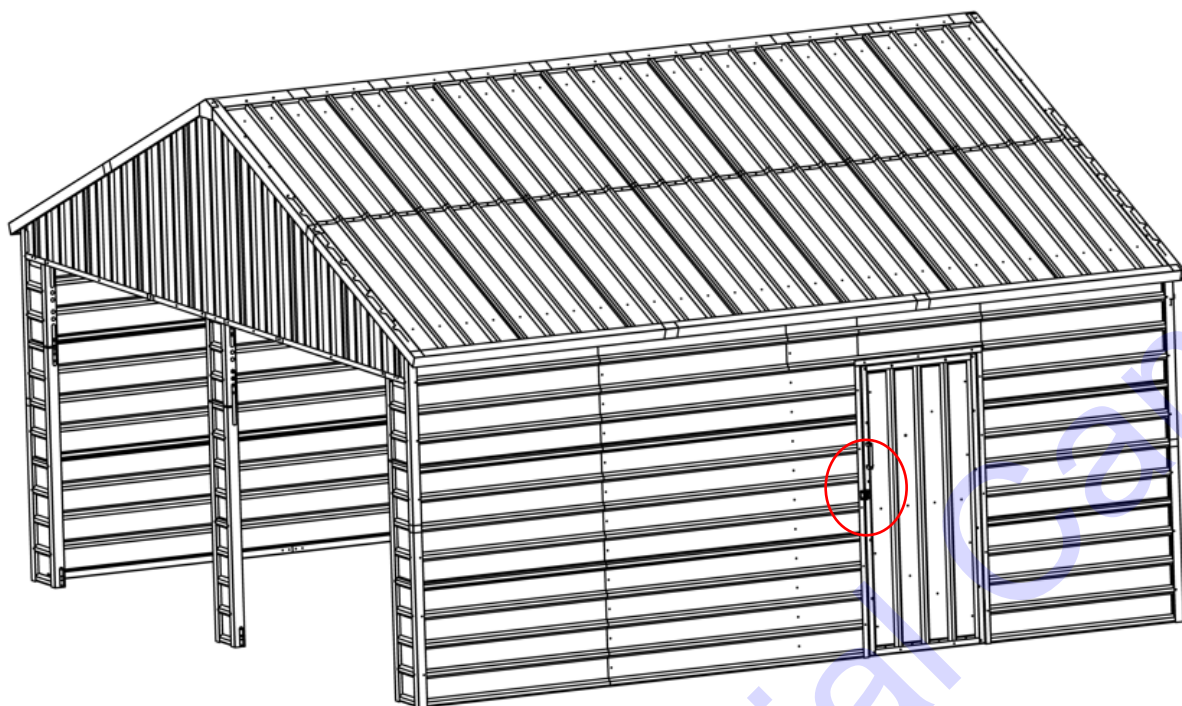
Part	No	Qty
D9		1
GB		1
F12		2
F17		2
F11		11
S1		3






Part	No	Qty
F11		9





Part	No	Qty
F11		2

