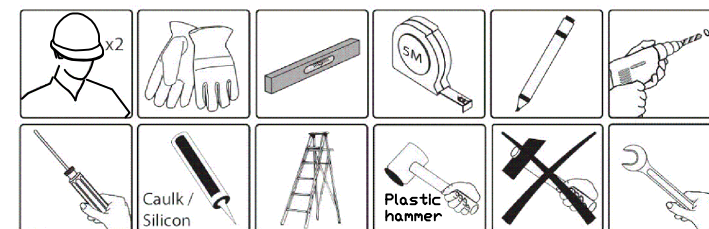
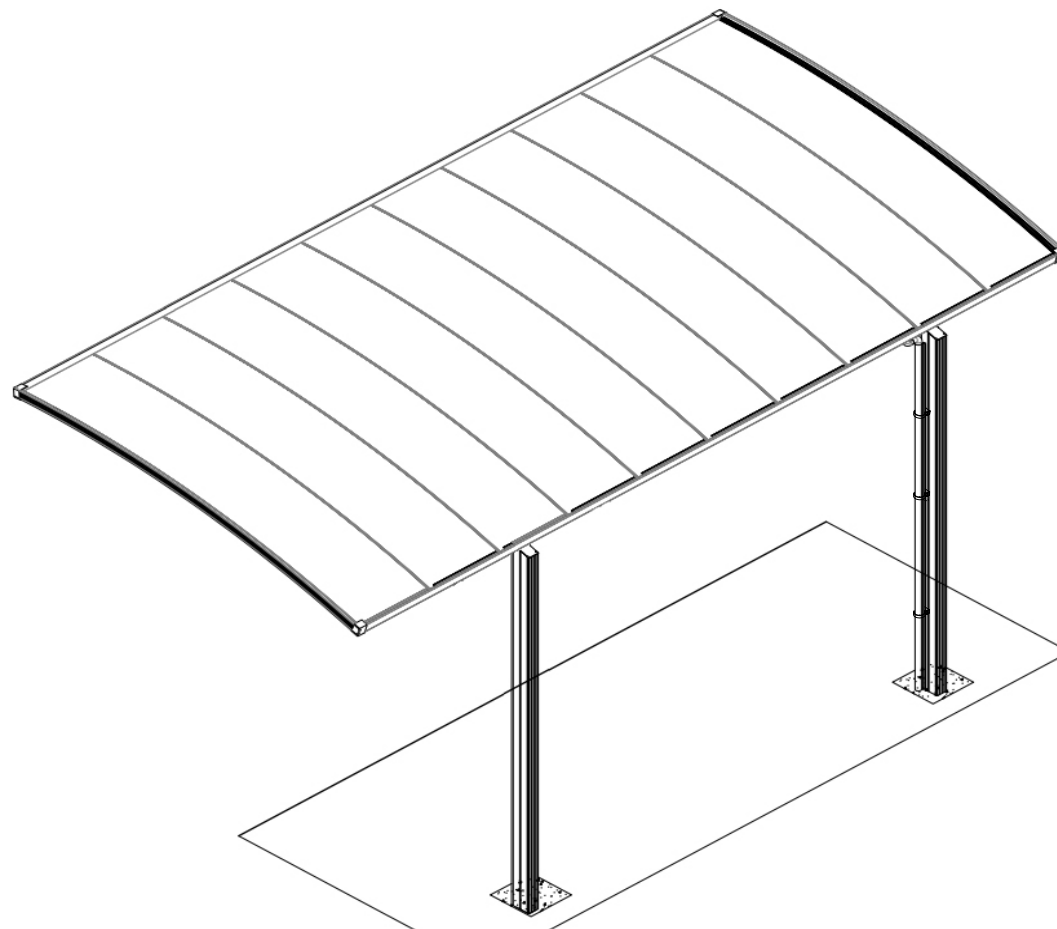


Carports Installation Notes



Assembly Preparation

Assembly Instructions:

Reviewing the instructions before you begin, make sure following the step sequences carefully for successful results.

Parts and Parts List:

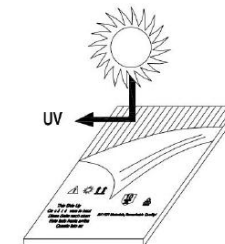
Check to be sure that you have all the necessary parts.

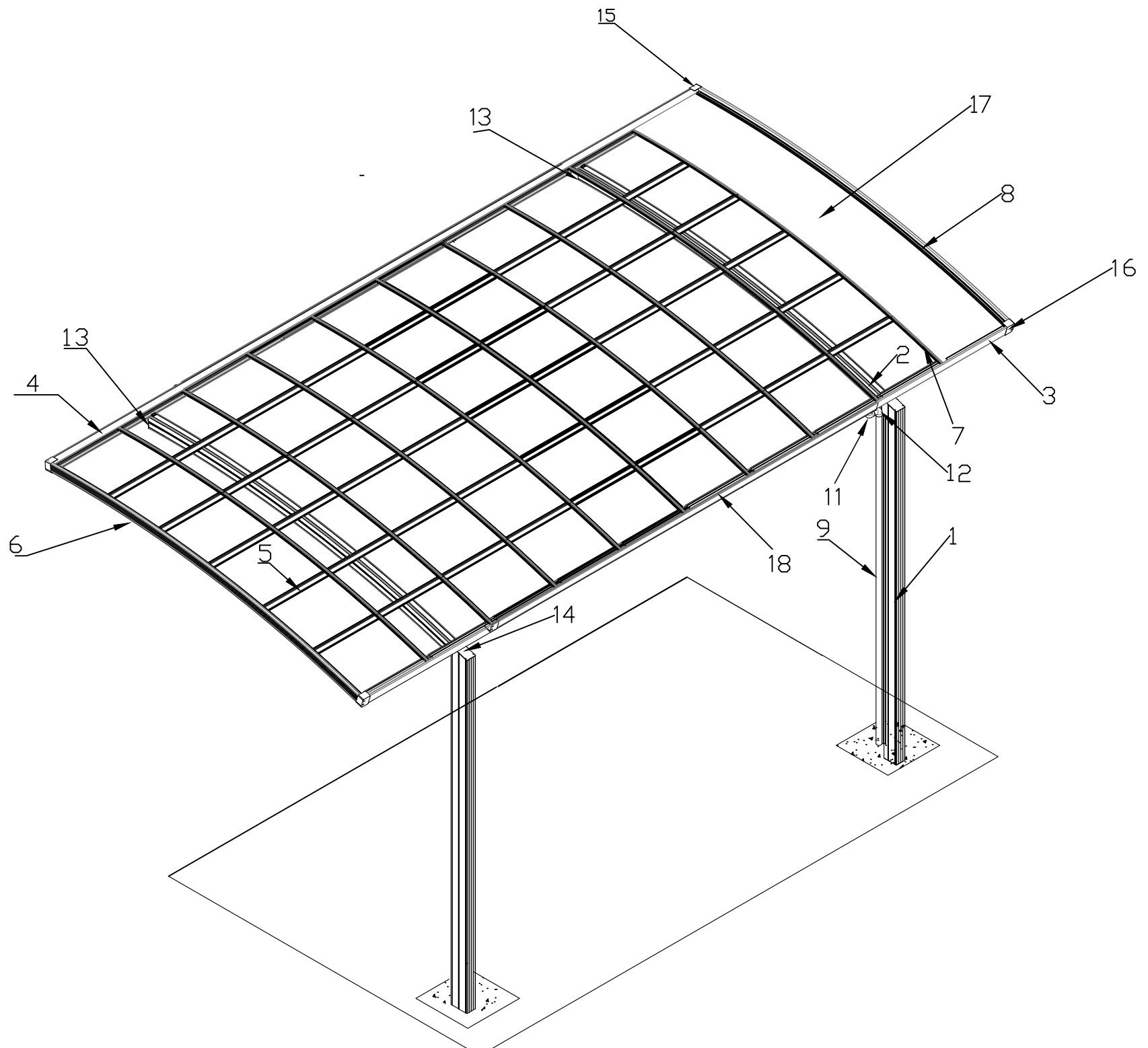
Safety must be put in the No. 1 position:











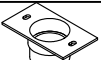





1. Select a dry and calm day for your assembly. Do not attempt to assemble the carport if you are tired, have taken drugs, medications or alcohol, or if you are prone to dizzy spells.
2. Team works (three or more people) are required during the assembly.
3. Wearing safety gloves, shoes, eye protection and long sleeves during the assembly to prevent injury. Pay attention to the sharp edge of some parts.
4. Children and pets are not allowed entering into the construction site. Dispose of all plastic bags safely - keep them out of reach of small children.
5. When using a stepladder or power tools, ensure that you follow the manufacturer's safety advice.
6. Never concentrate your total weight on the roof. Do not climb or stand on the roof.
7. Heavy amounts of snow on roof can damage the carport making it unsafe to stand below or nearby.
8. Heavy articles should not be leaned against the poles.
9. This product was designed to be used mainly as a carport.

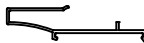










Care & Maintenance:

1. PC panels: Expose only the printed masking side to sunlight--this side is UV protected.
 2. Keep roof and gutters clean of snow, dirt & leaves.
 3. When cleaning, use a mild detergent solution and rinse with cold clean water.
- Do not use acetone, abrasive cleaners, or other special detergents to clean the panel.

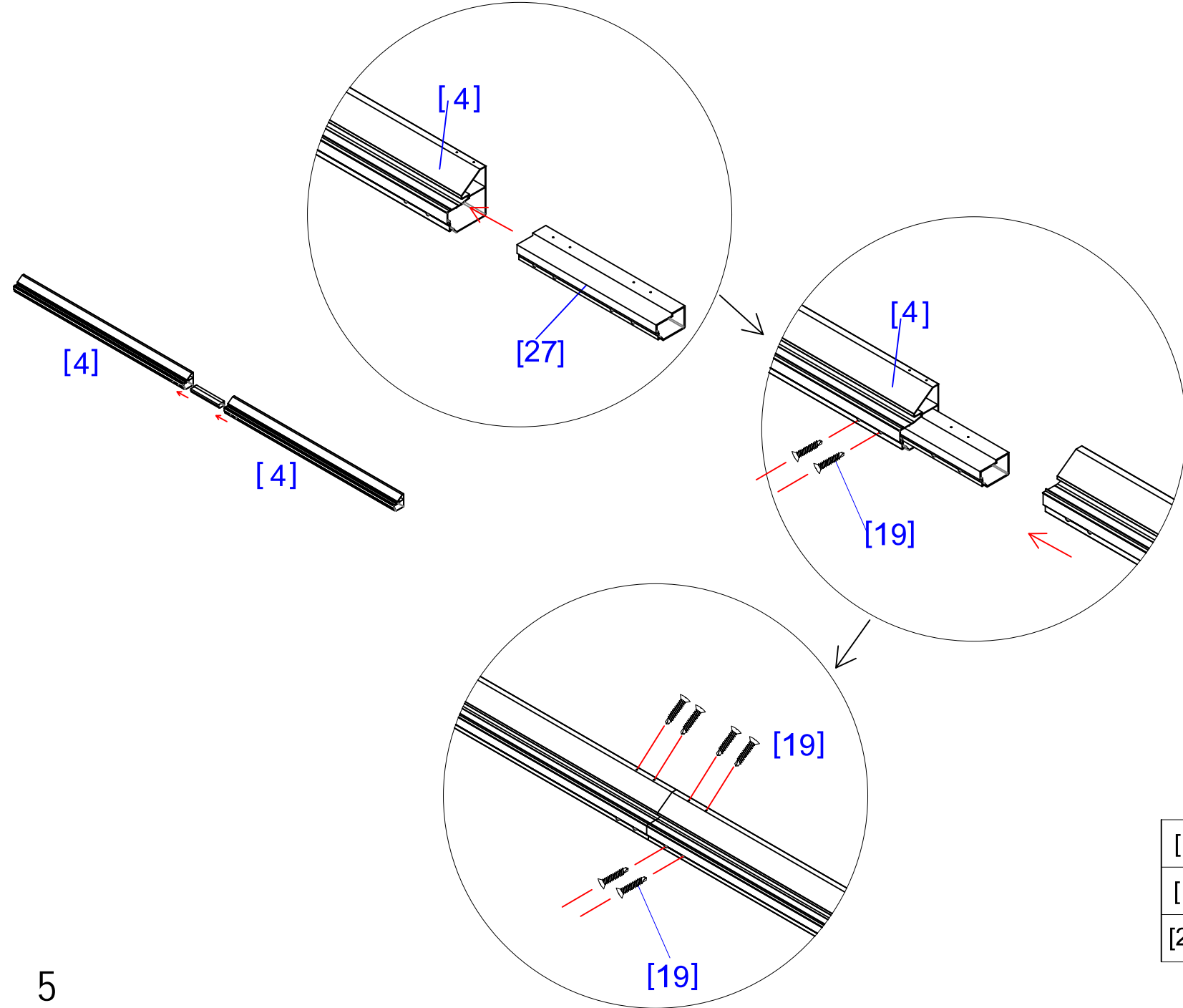







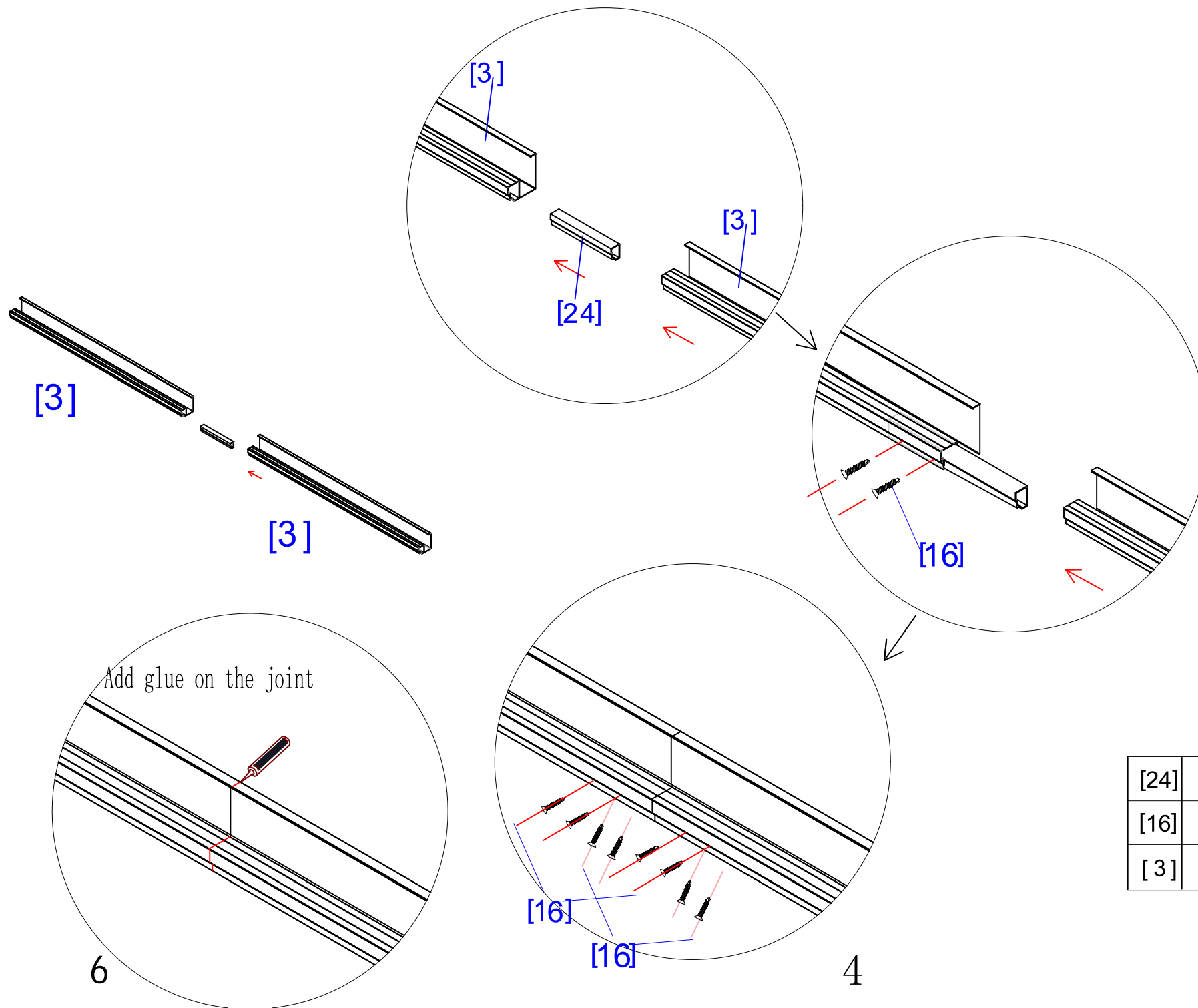
Item	Drawings	Qty	
[1]		2	Post
[2]		2	Bigger support tube
[3]		2	Back tube
[4]		2	Front tube
[5]		10	Small support
[6]		2	Side tube
[7]		9	Bottom cover strip
[8]		11	Top cover strip
[9]		1	Drainage tube
[10]		3	Clamp
[11]		1	Straight connector
[12]		2	Conner connector
[13]		2	Cap for support tube
[14]		2	Bracket
[15]		2	Cap for Front tube
[16]		2	Cap for Back tube




Item	Drawings	Qty	
[17]	PC sheet	10	PC sheet
[18]		10	channel for inserting PC sheet
[19]	 M4*16	252	Screw
[20]		2	Reinforcement parts
[21]	 M10*25	28	hex Screw
[22]	 M10*150	12	Expansion bolt
[23]		2	Post base plate
[24]		1	Internal inserts
[25]	 M5*12	88	Screw
[26]	 M5*32	77	Screw
[27]		1	Internal inserts
[28]		5	Internal inserts

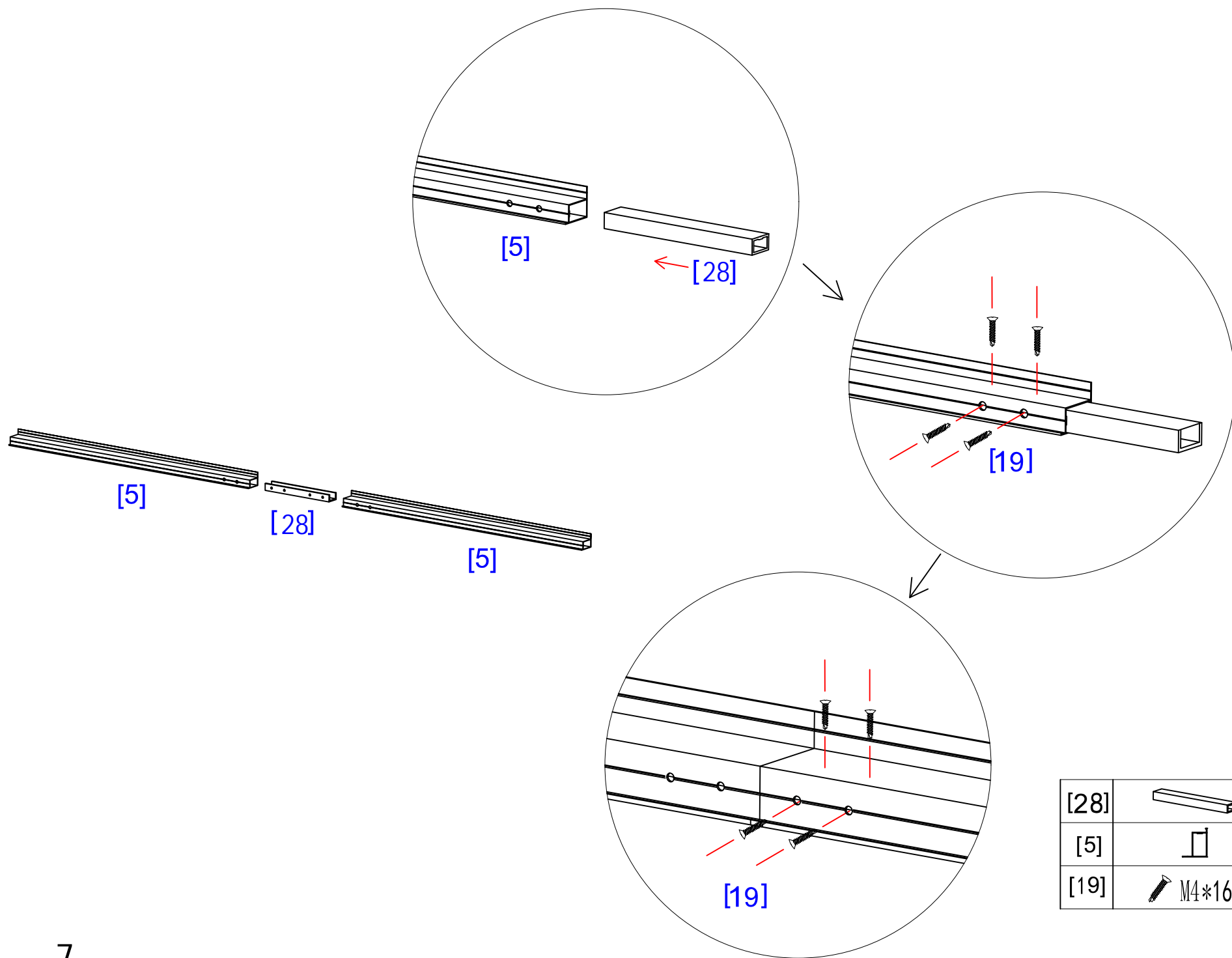
STEP1: Connect 2 front tubes, 2 back tubes and 10 small supports with internal inserts.






[19]	 M4*16	8
[4]		2
[27]		1

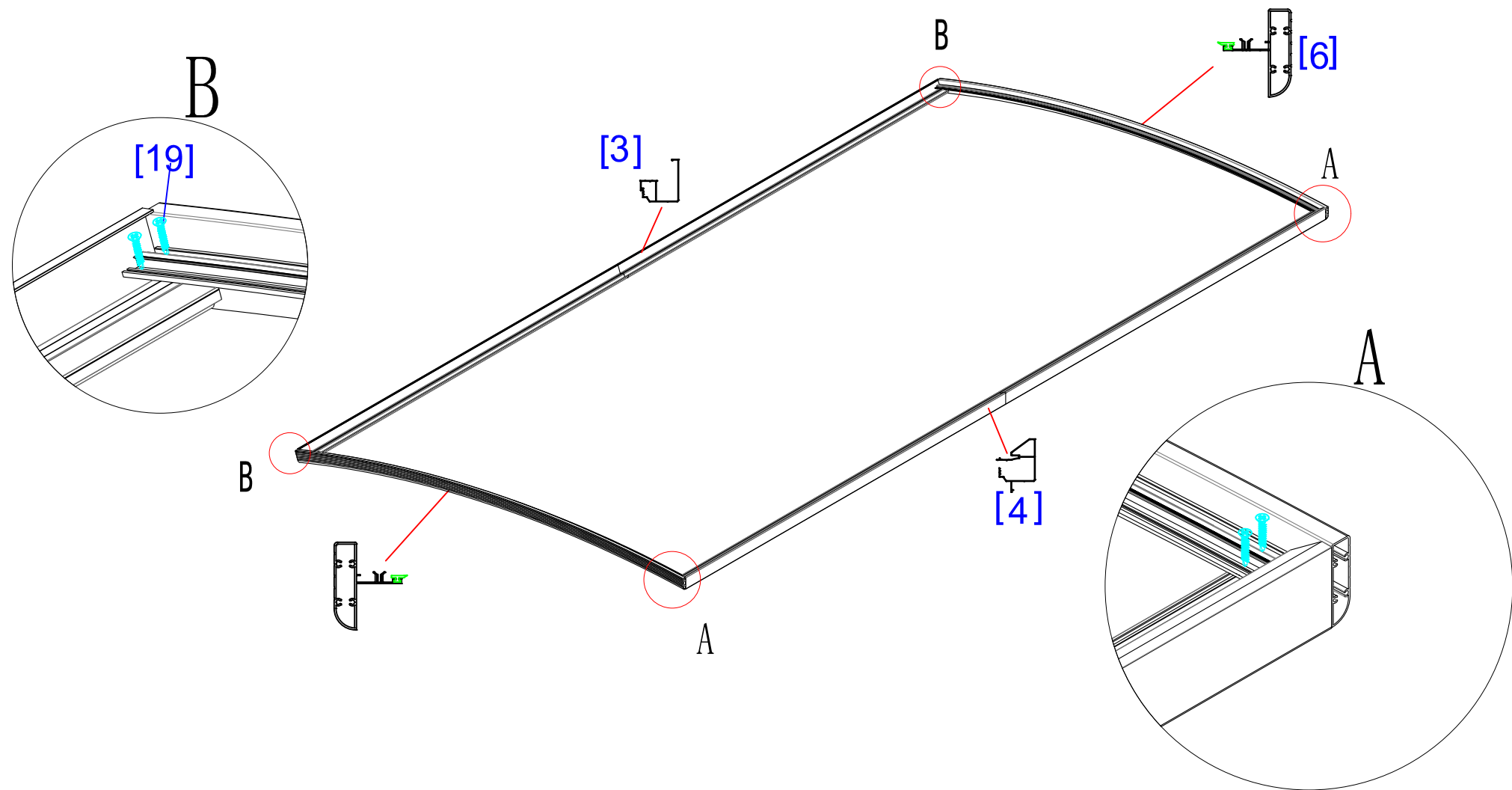


[24]		1
[16]	 M4 *16	8
[3]		2



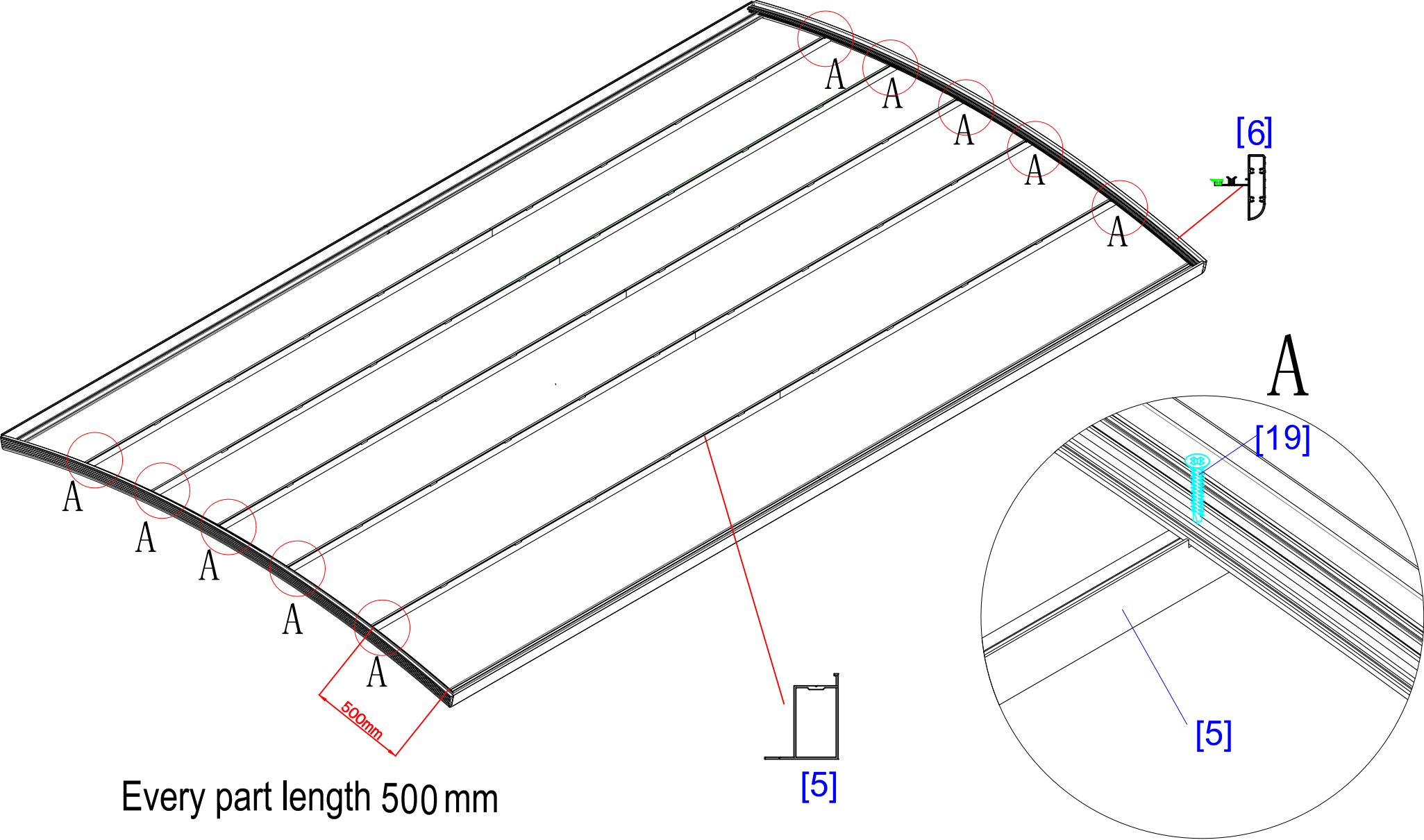
[28]		5
[5]		10
[19]	 M4*16	40

STEP2: Install border.





[3]		2
[4]		2
[6]		2
[19]	M4*16	8

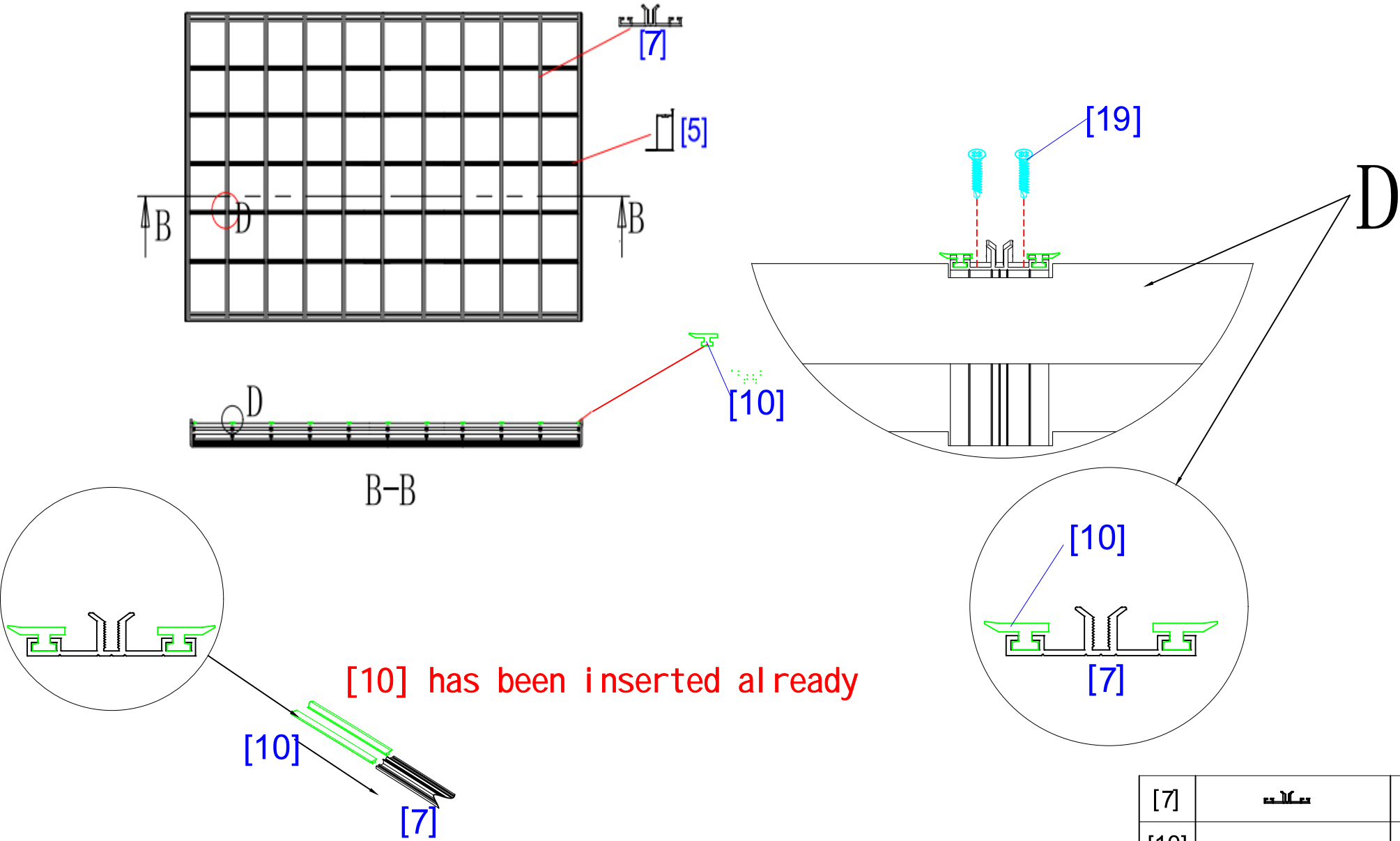
STEP3: Install small supports to the boarder.



Every part length 500 mm

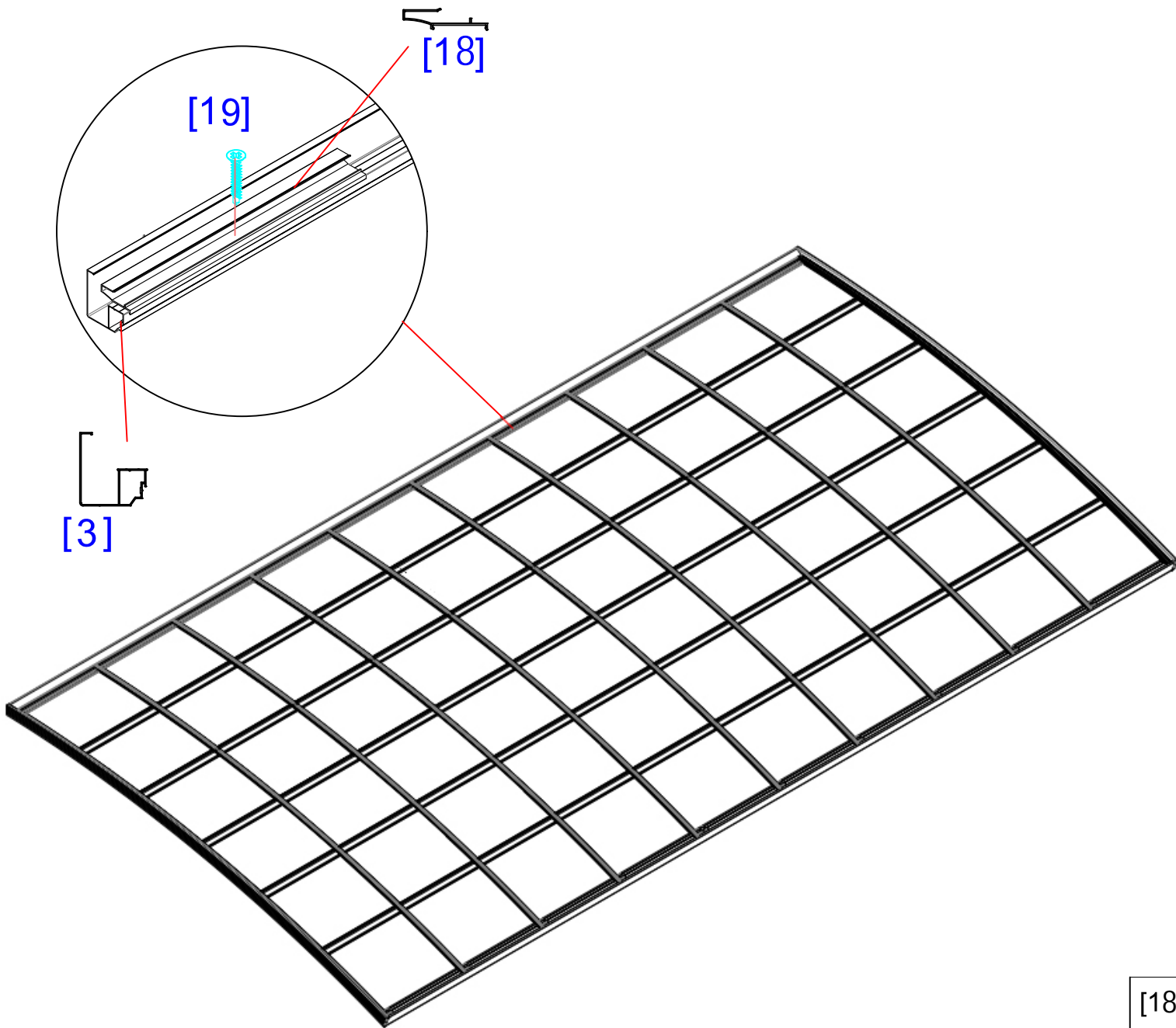
[5]		10
[19]	 M4*16	10



STEP4: Install 9 bottom cover strips.



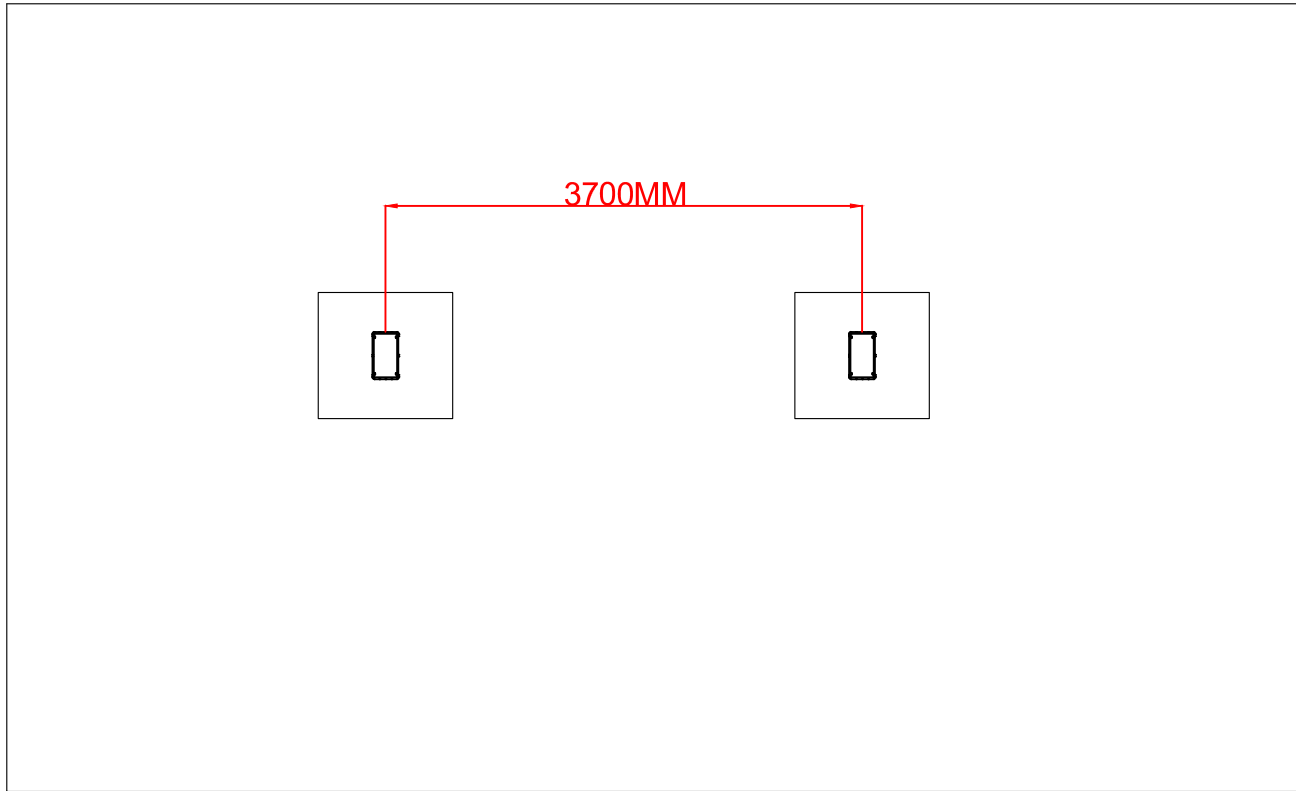
[7]		9
[10]		X
[19]	M4*16	126

STEP5: Install pc sheet channels.



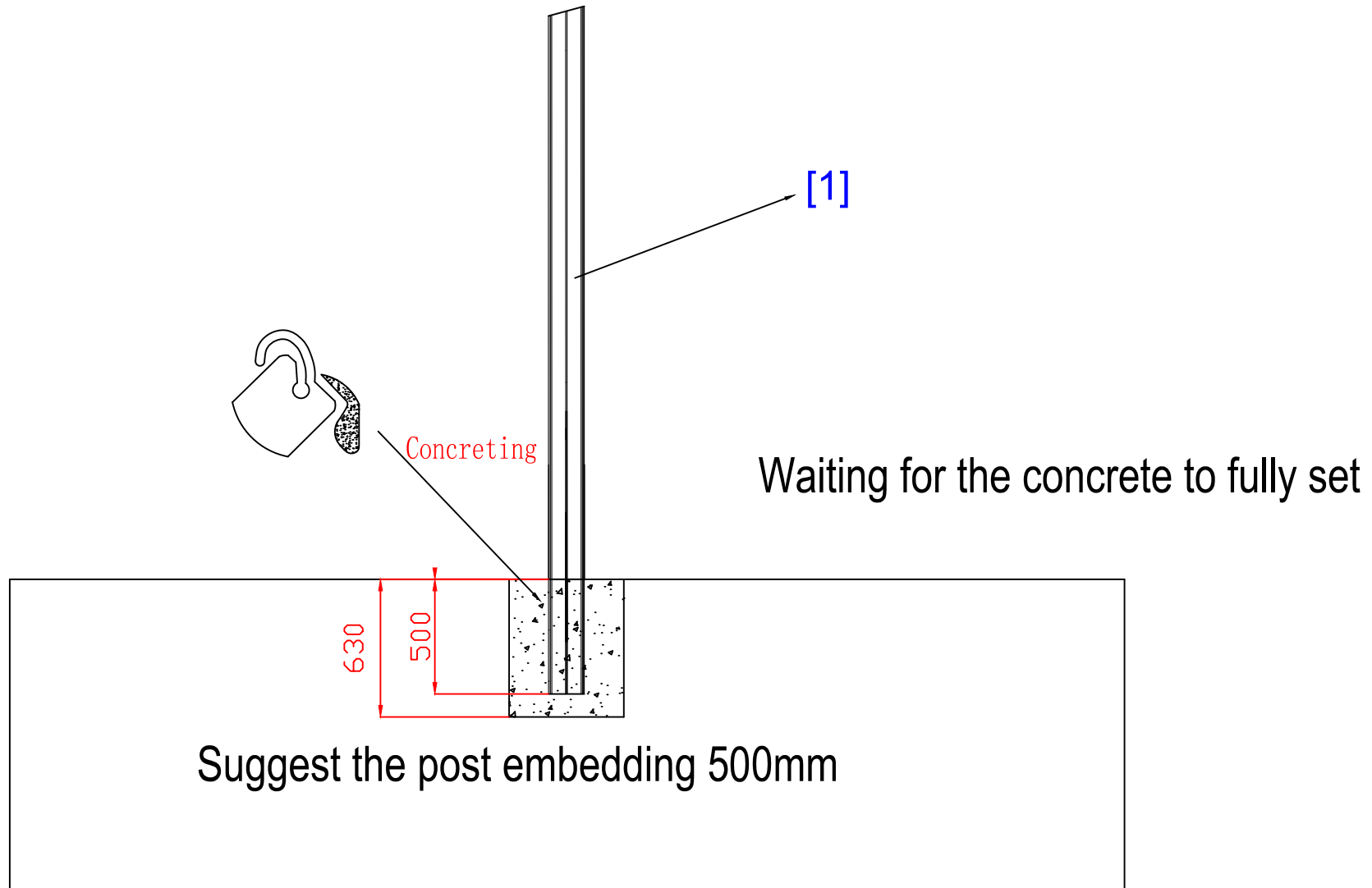
[18]		10
[19]	 M4*16	10

STEP6: Install the 2 posts: Determine the position of the posts and marked.



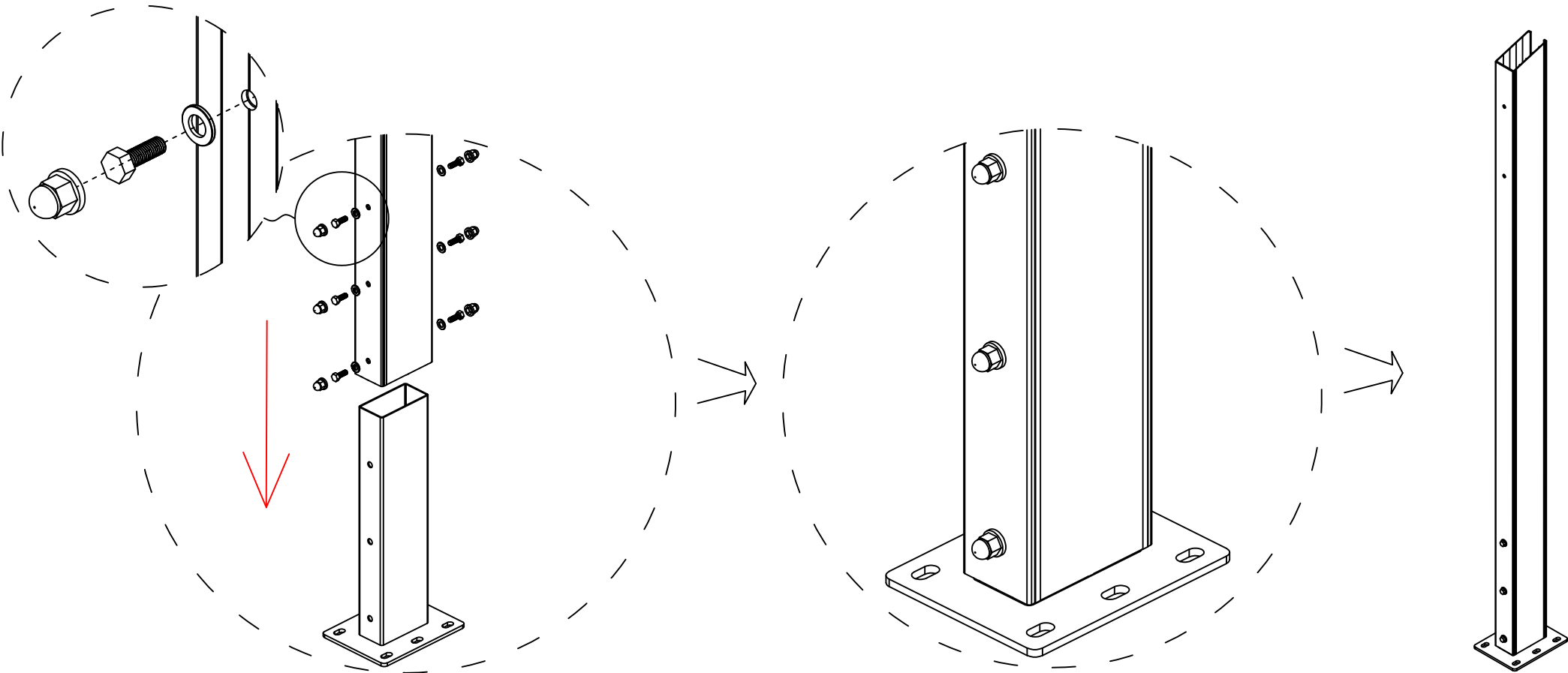
1, Recommend: Concrete installation





Dig 2 500*500*630mm pits at the 2 fixed places, place 2 posts in the middle of the pits. Then buried with wet concrete.



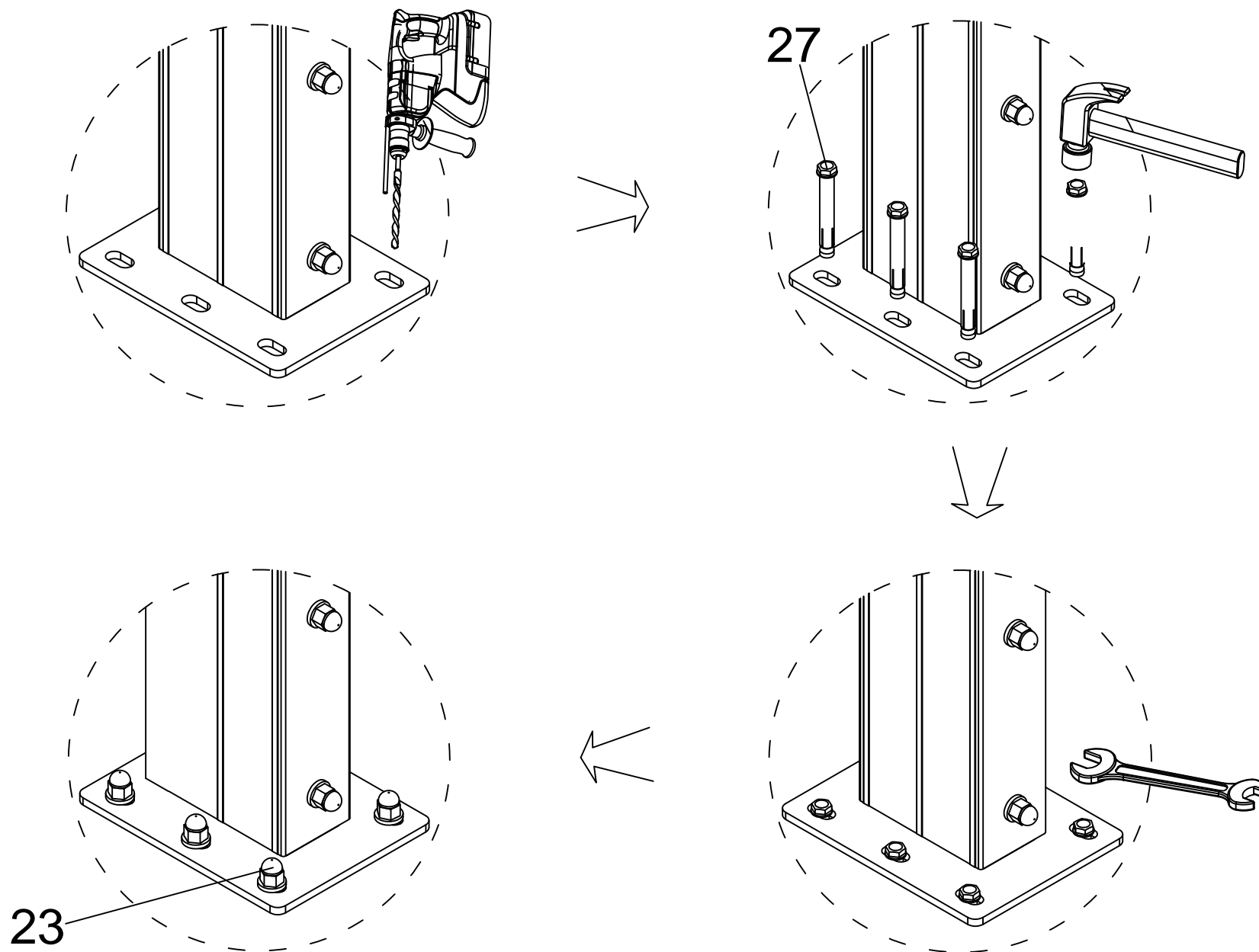
2, Optional: Ground pin only on concrete surface (if you choose ground Concrete installation, please ignor this page)

Drill holes at the 2 fixed places according to the post base plate holes. Fixed post base plate using screw [22], and connecting the post.

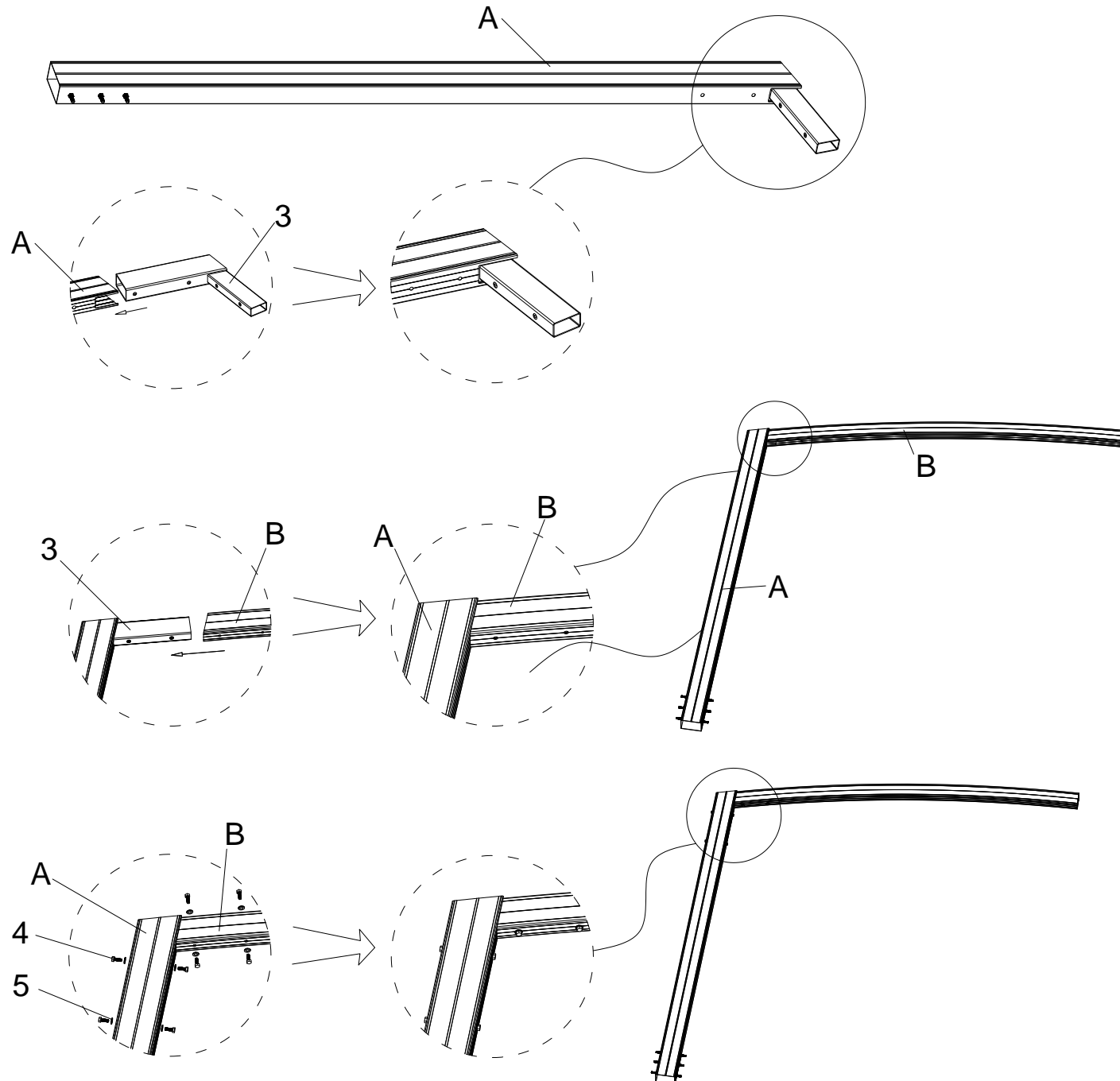


[1]		2
[23]		2
[22]	 M10*150	12
[21]	 M10*25	12

Drill a hole diameter Ø12mm, depth above 100mm, Stuff the expansion bolts, fasten the foot plate and cover a cap

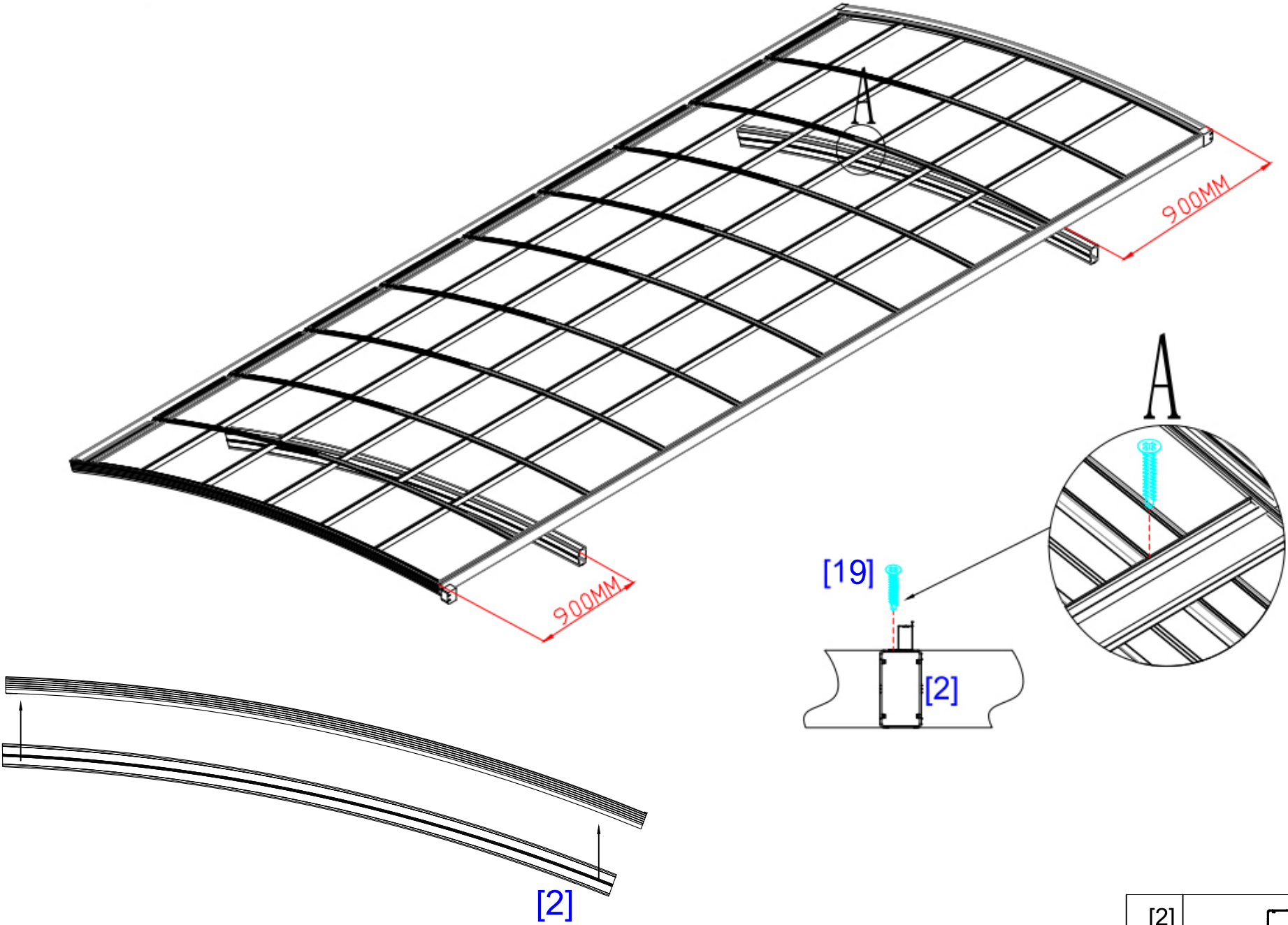




STEP7: Insert the brackets into the post, then insert the main beam into the joint.
Fasten the post and main beam at brackets.



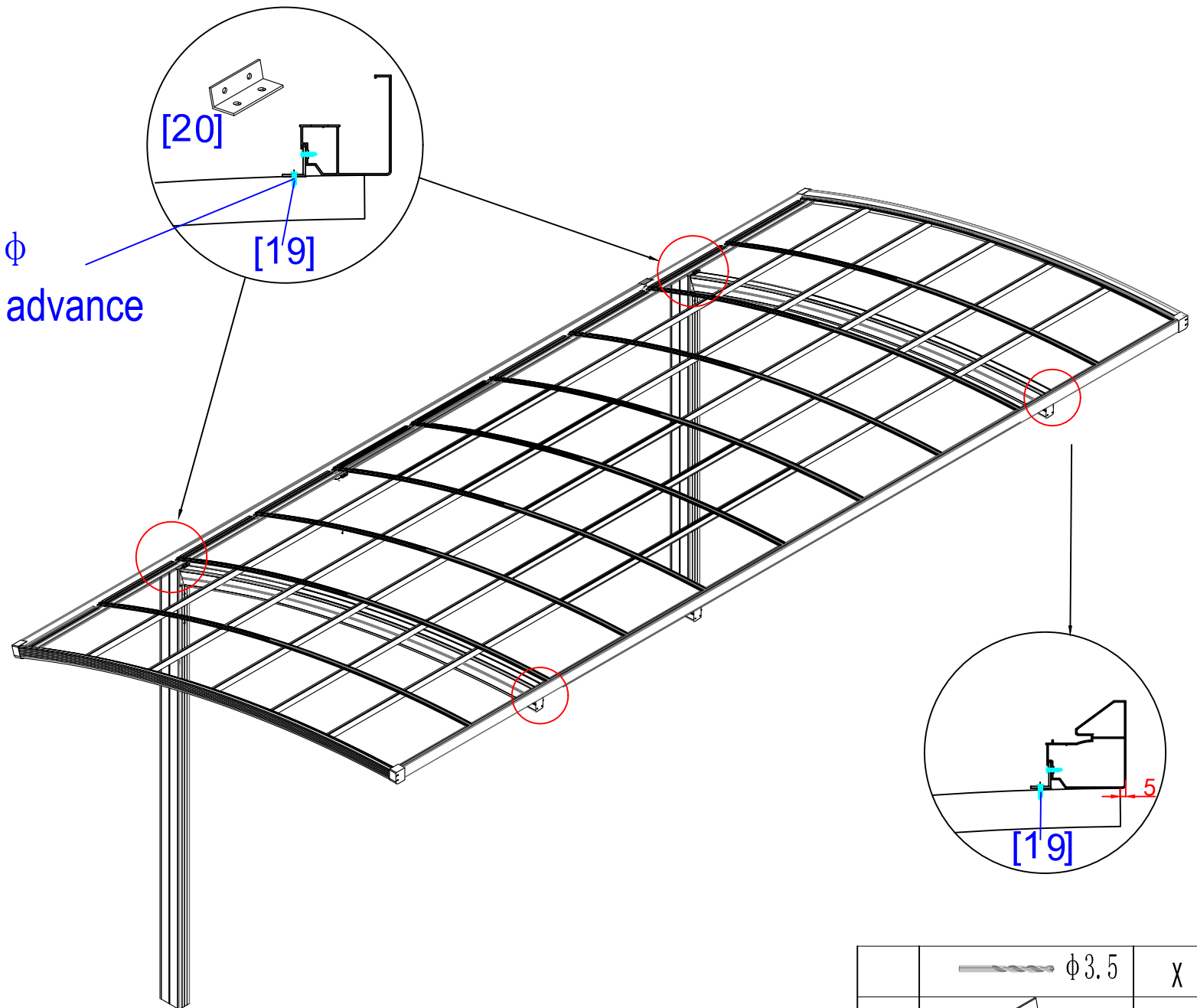
[14]		2
[21]	M10*25	16




STEP8: Install the carport roof upon 2 bigger support beams.

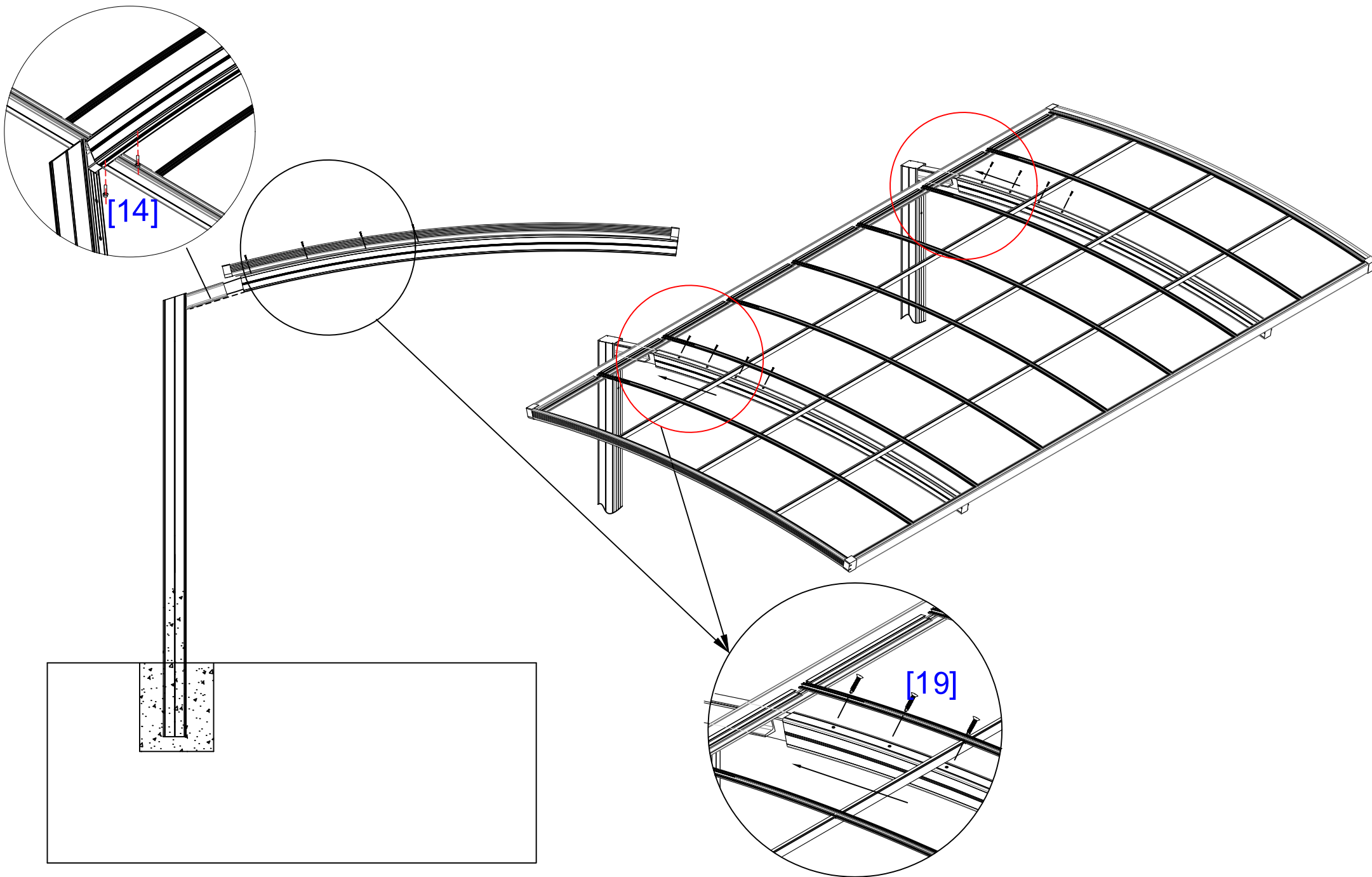


[2]		2
[19]	 M4*16	10

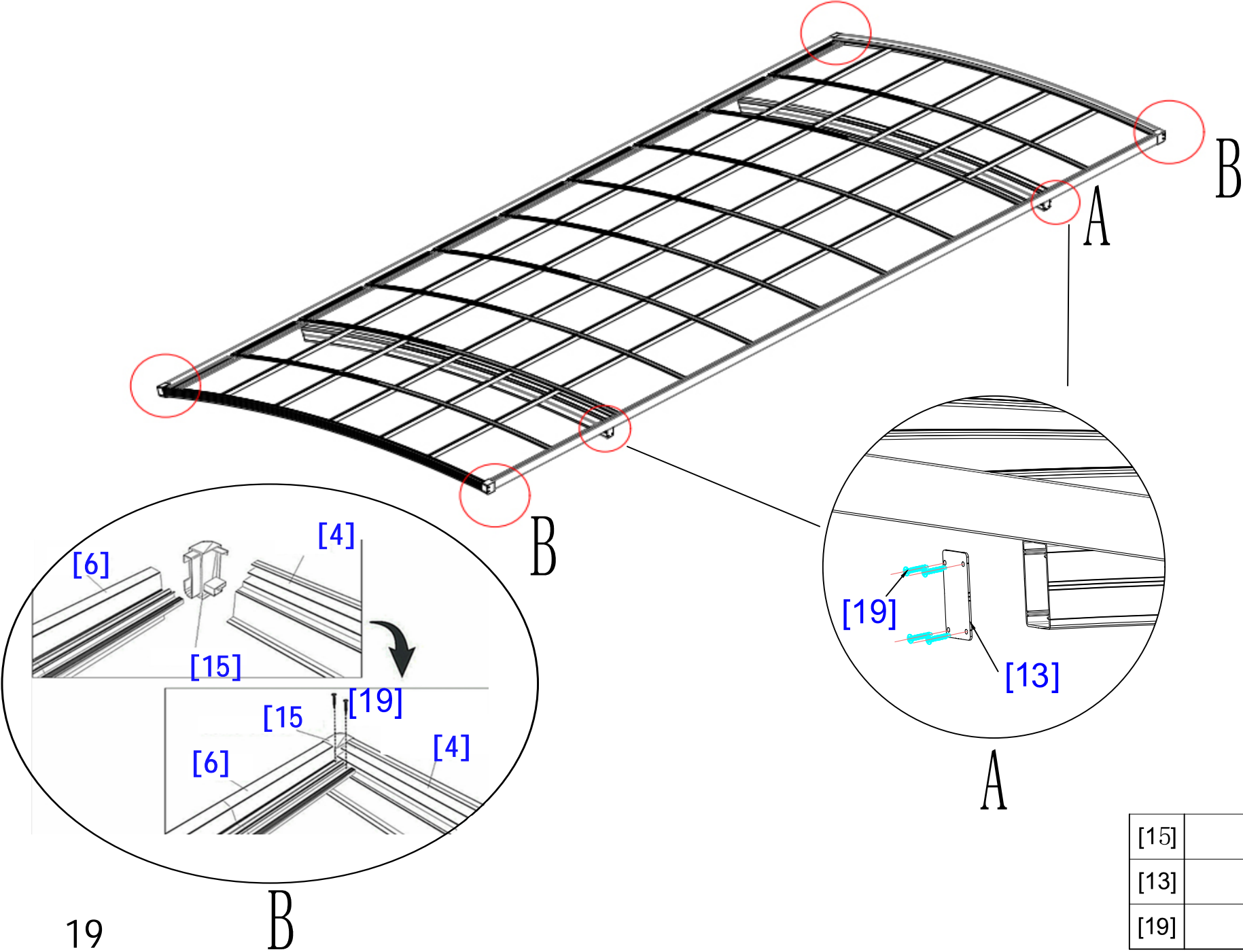
Use an electric 3.5 ϕ
drill to drill holes in advance






	 $\phi 3.5$	X
[20]		2
[19]	 M4*16	8

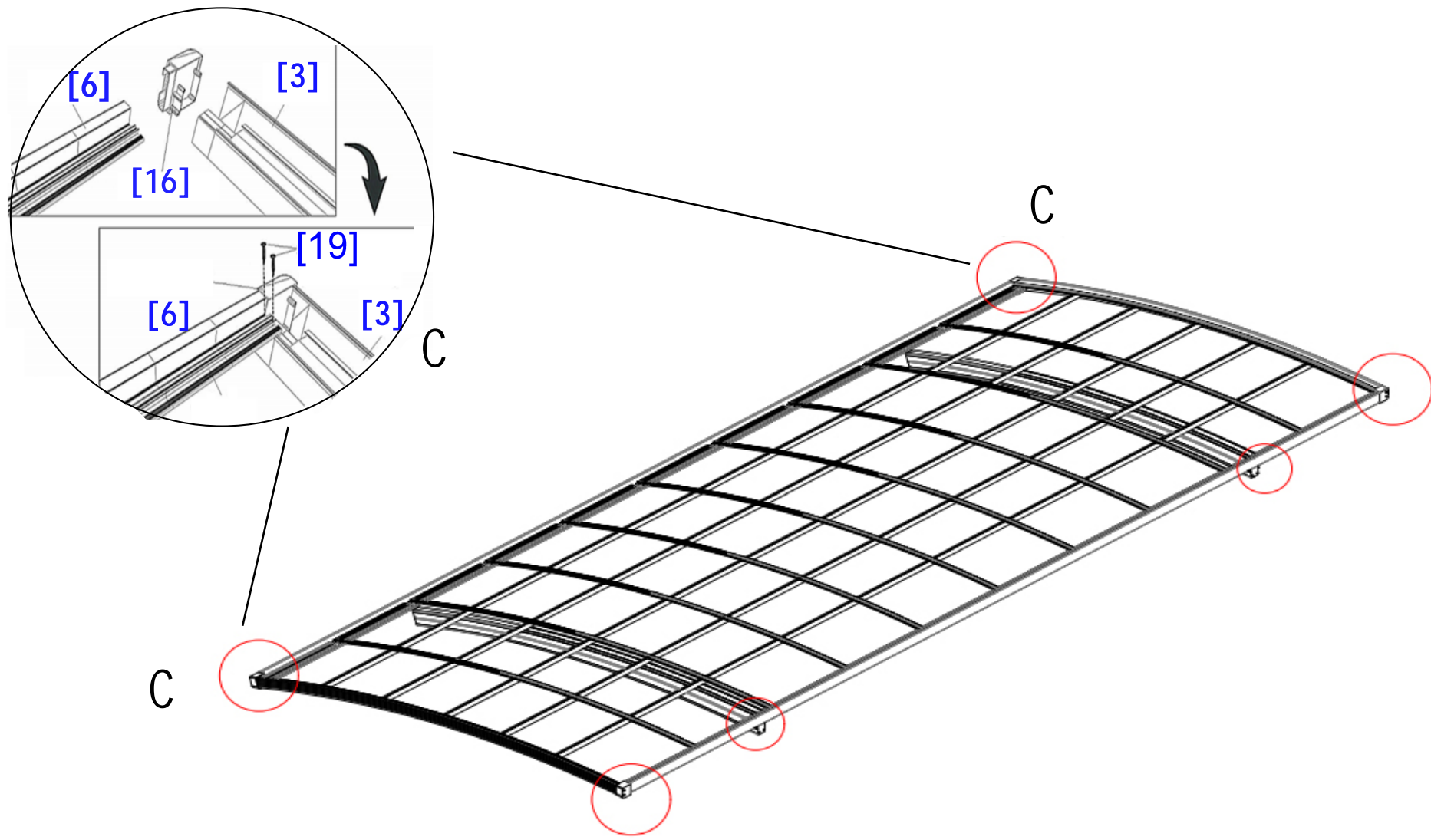




STEP9: Install bigger support tube caps, front tube caps.



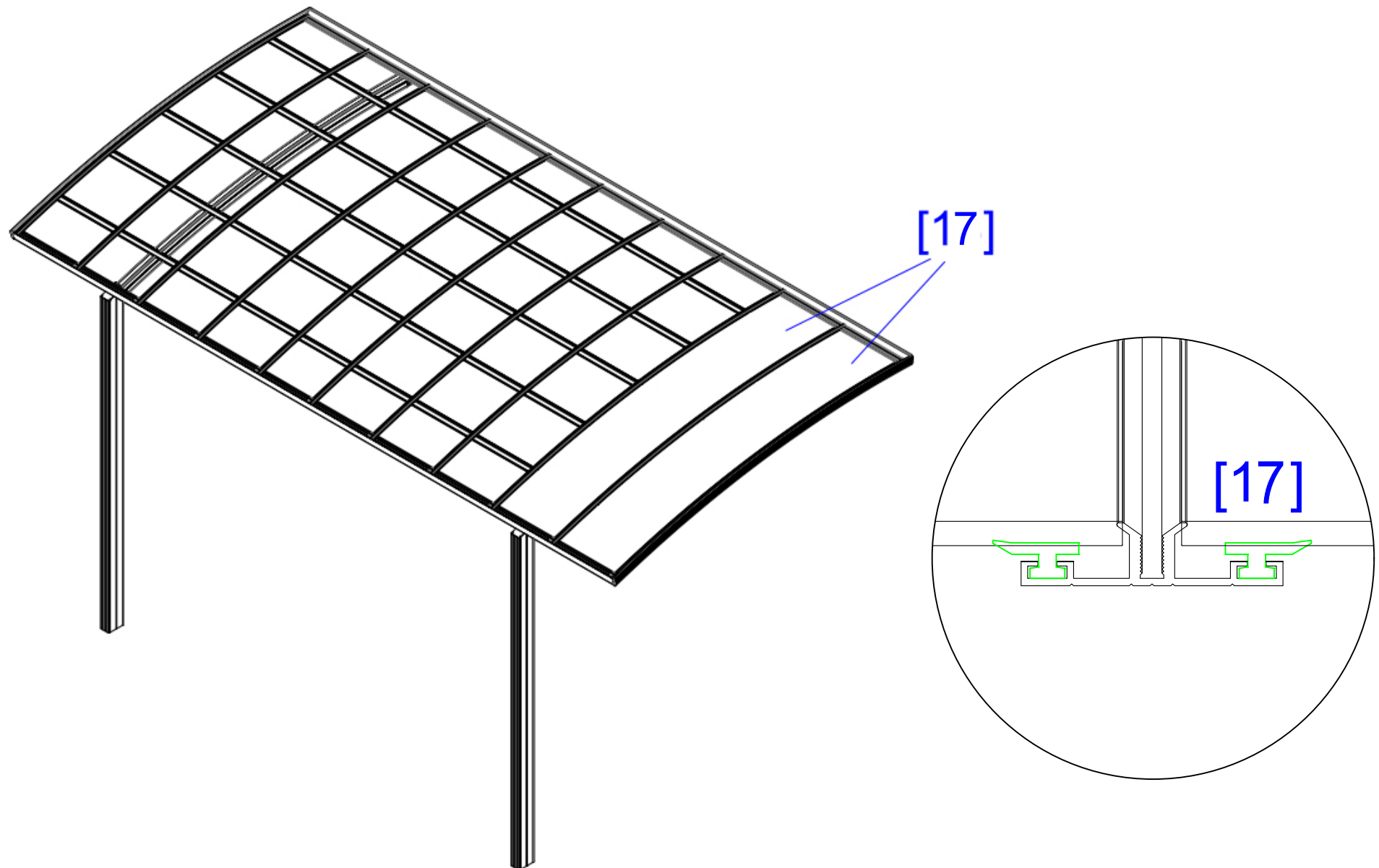
[15]		2
[13]		2
[19]	 M4*16	16

Install back tube caps.

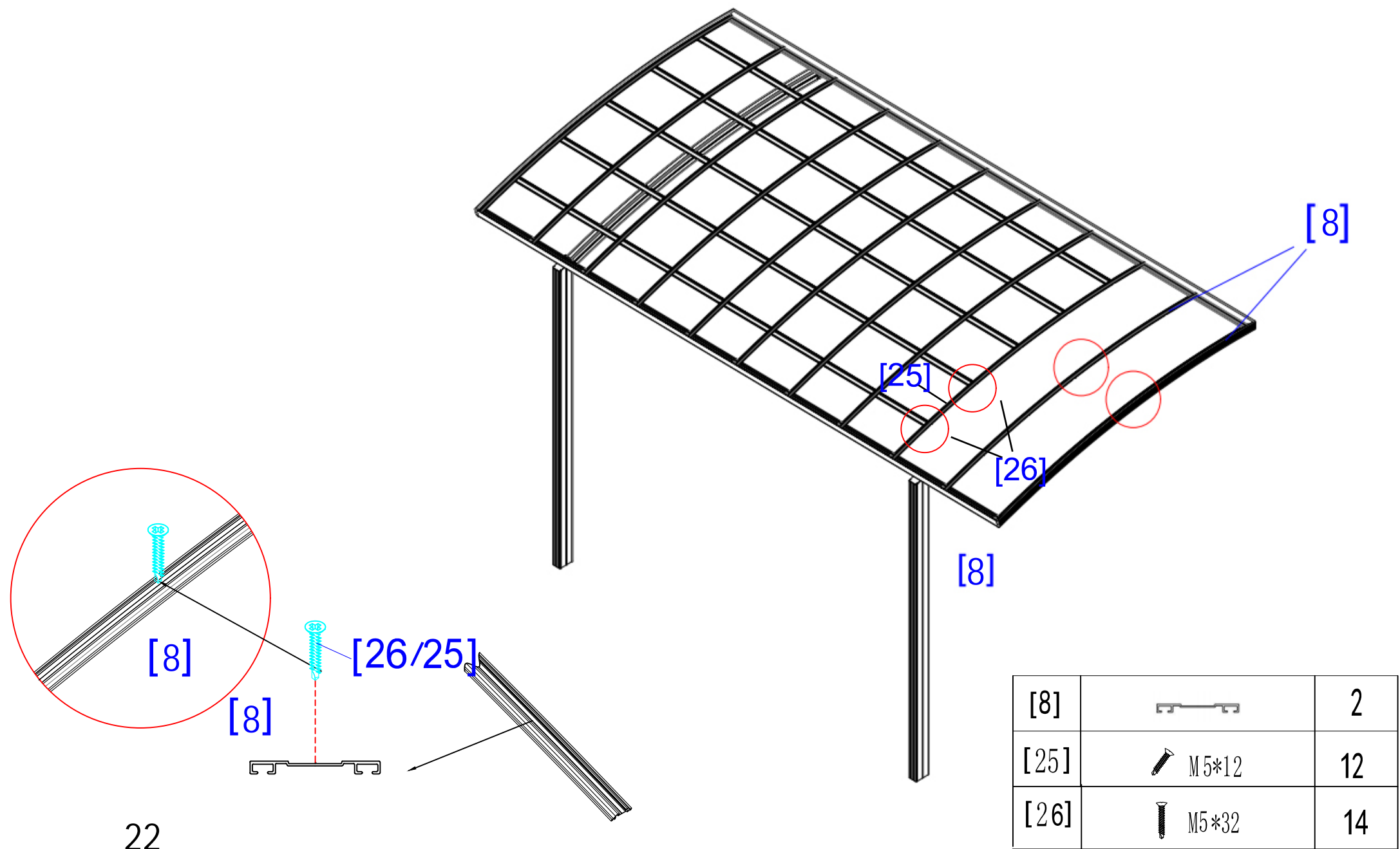


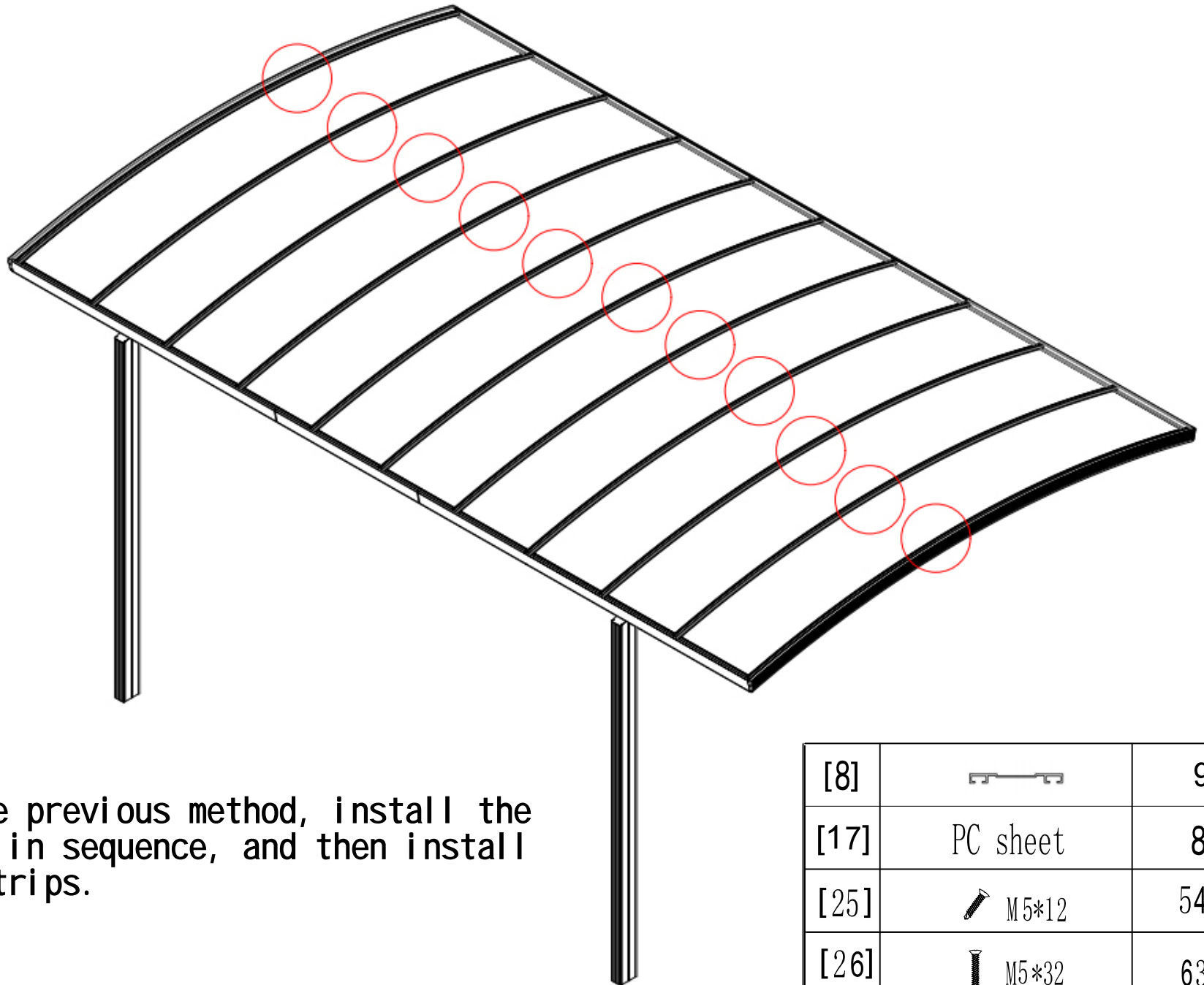
[16]		2
[19]	 M4*16	8

STEP10: Install solid PC board. (protection film with logo faces the sun)






STEP11: Install top cover strips. Screw 25 and screw 26 are used interchangeably.



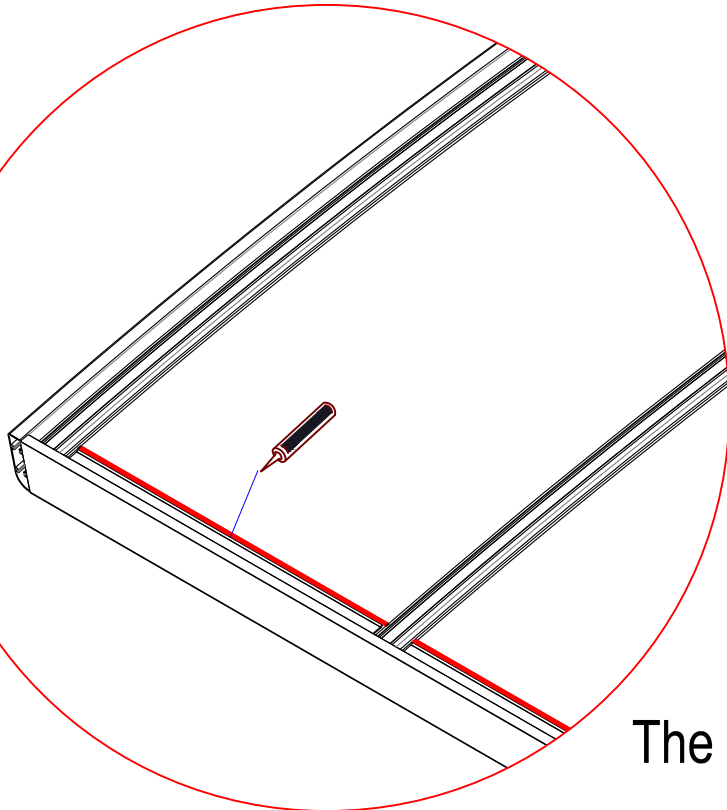
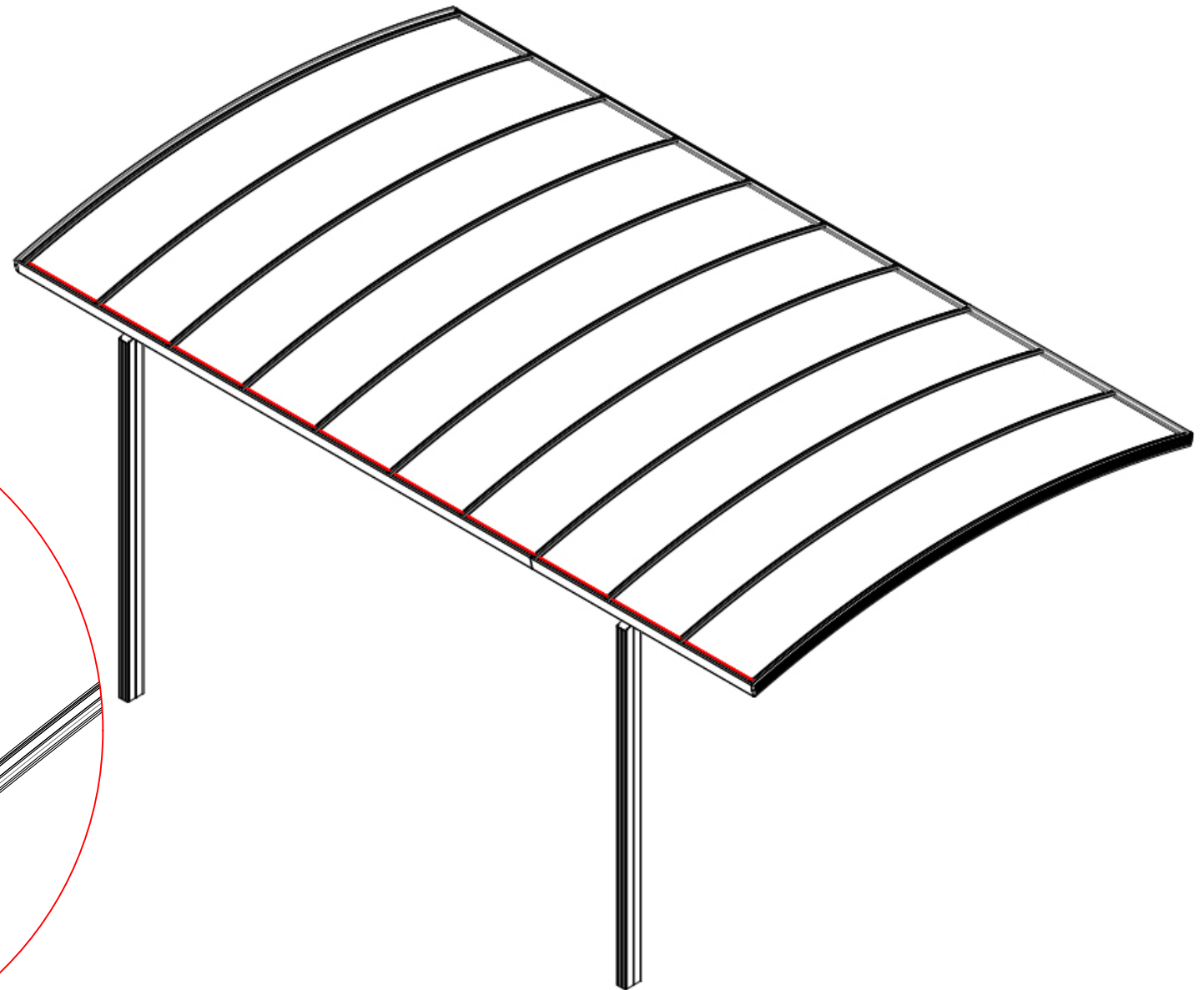


STEP12:

According to the previous method, install the solid pc sheets in sequence, and then install the top cover strips.

[8]		9
[17]	PC sheet	8
[25]	 M5*12	54
[26]	 M5*32	63

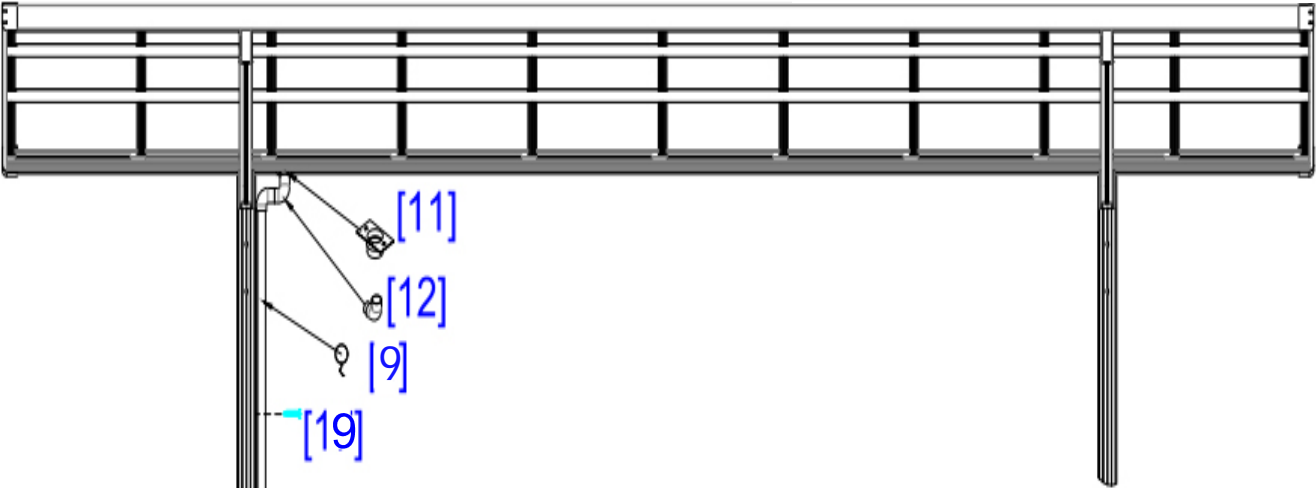
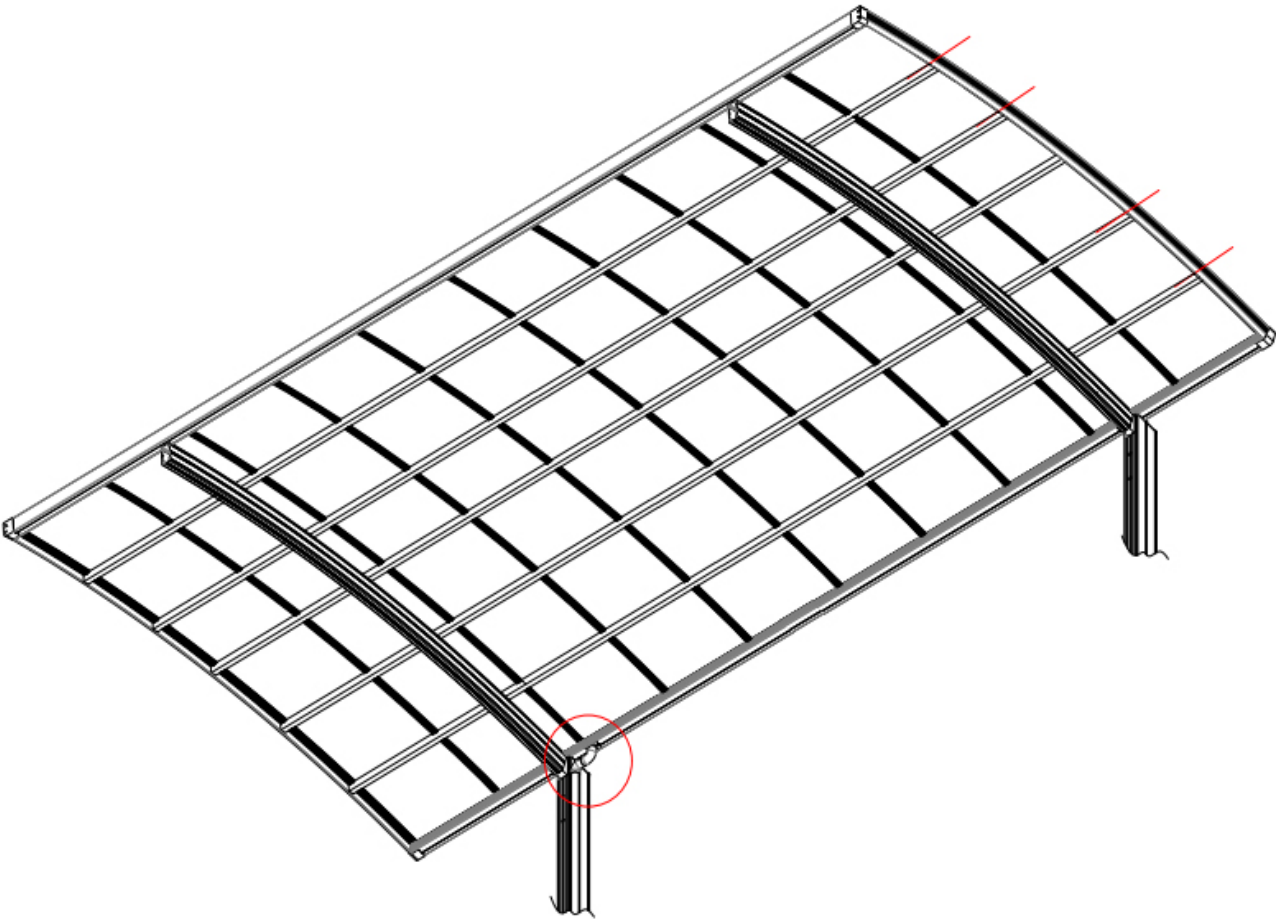
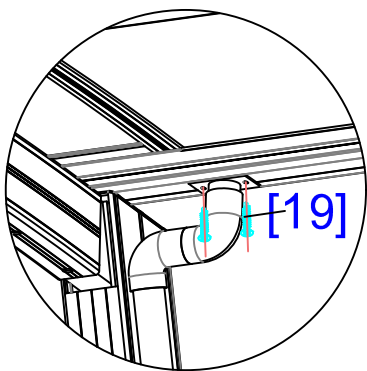
STEP13: Apply glue to avoid leak.







The use of glue is for better waterproofing



STEP14: Install drainage tubes.



25

[19]	 M4*16	5
[11]		1
[12]		2
[9]		1

