

MODULAR SET INSTALLATION MANUAL

PUSHUPS AND BASE PLATES

PLEASE ENSURE THIS MANUAL IS READ IN FULL PRIOR TO ANY CREW INSTALLATION OR REMOVAL. FOR ANY QUESTIONS PLEASE CONTACT OUR BACKDROPS FANTASTIC TEAM ON 1800 737 037 OR VISIT WWW.BACKDROPS.COM.AU

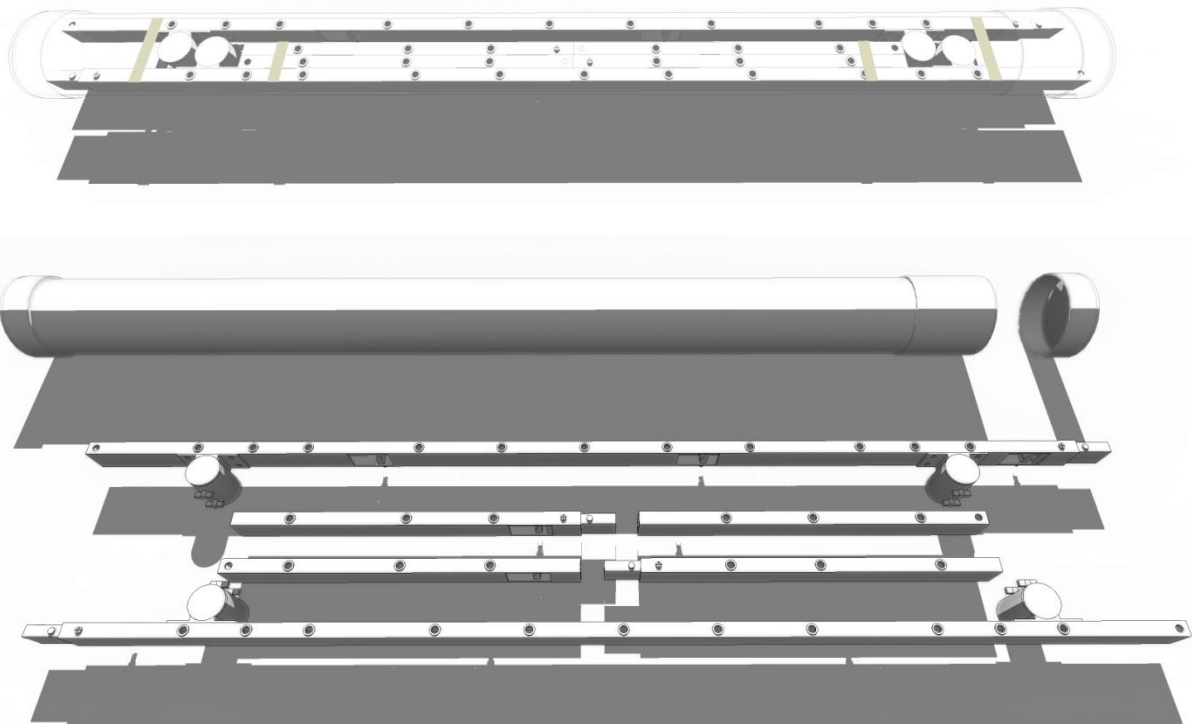


Figure 1.

The modular QR cross bars will come within the transport tubing in pairs to allow the manufacture of 2 x 3m sections of wall. The modular QR cross bars are labelled to identify which bars attach to each other in conjunction with the compression pins. The QR levers required to join the panels to the bar will be in the engaged/down position. They must be released by flipping up before installation can commence.

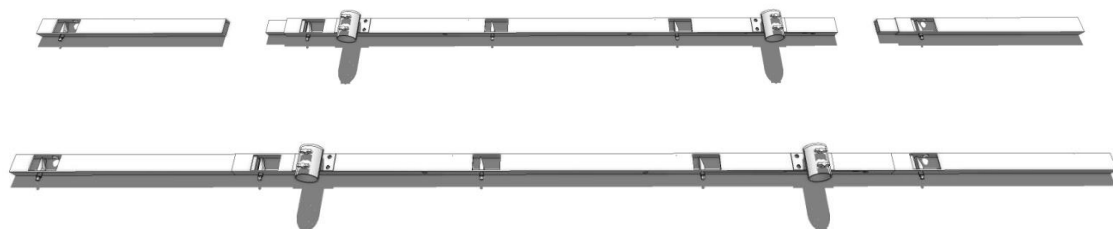


Figure 2.

Once connected each modular QR cross bar will measure 3m wide as per Figure 2. Please note - the completed 3m modular QR cross bars will not join together at any time. Each 3m modular QR cross bar section must be installed and removed independent of the next 3m modular QR cross bar section.

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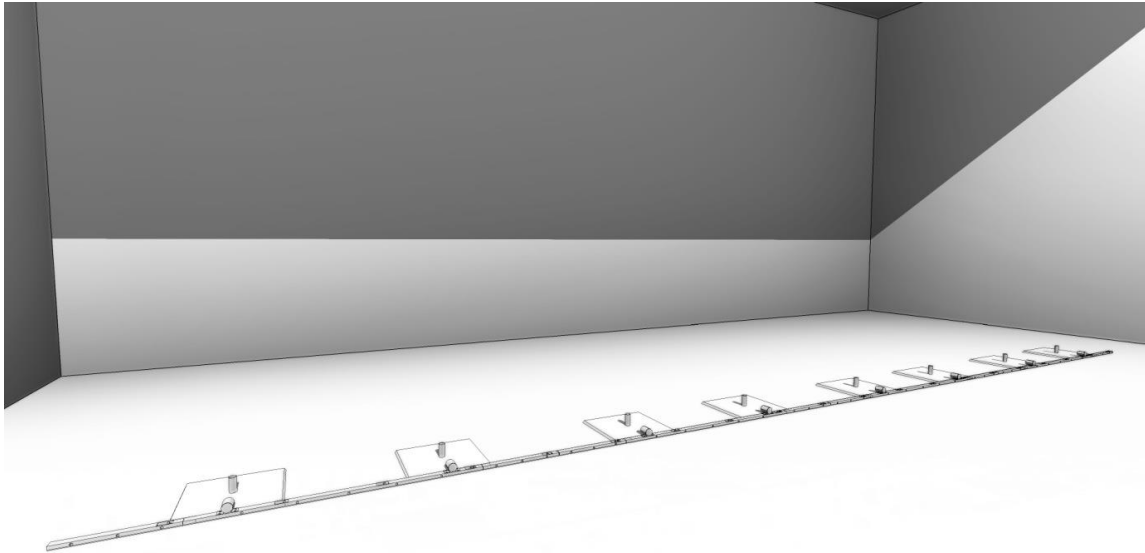


Figure 3.

Position the supplied modular QR cross bars end to end along the event space (as shown) with cap side up and the opening of cap facing your own supplied spigot and base plate. Ensure the spigot is installed in the centre of each base plate to allow for maximum support. Ensure there is enough room for a base plate and a 4.5 metre ladder or scissor lift for safe installation. The Modular wall must not be installed on uneven floor or anywhere that doors or entries that may create significant airflow or wind that could push against it.

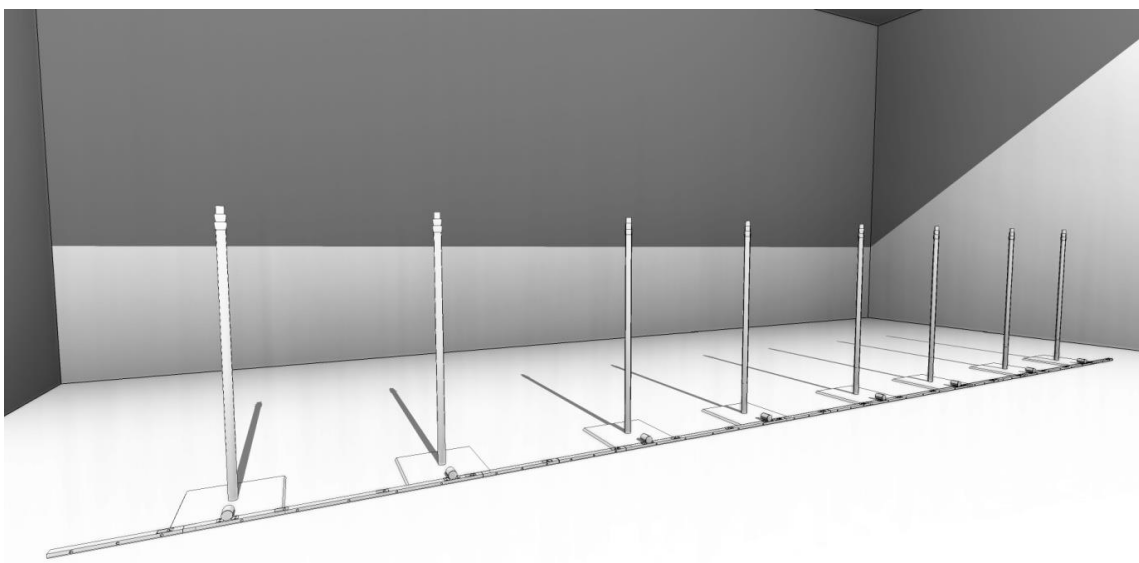


Figure 4.

Insert one of your 3 stage push ups into each of the spigots attached to the base plate. Ensure the top stage of each push up is elevated enough to install a QR cross bar cap with no obstruction and so the push up can be lifted easily.

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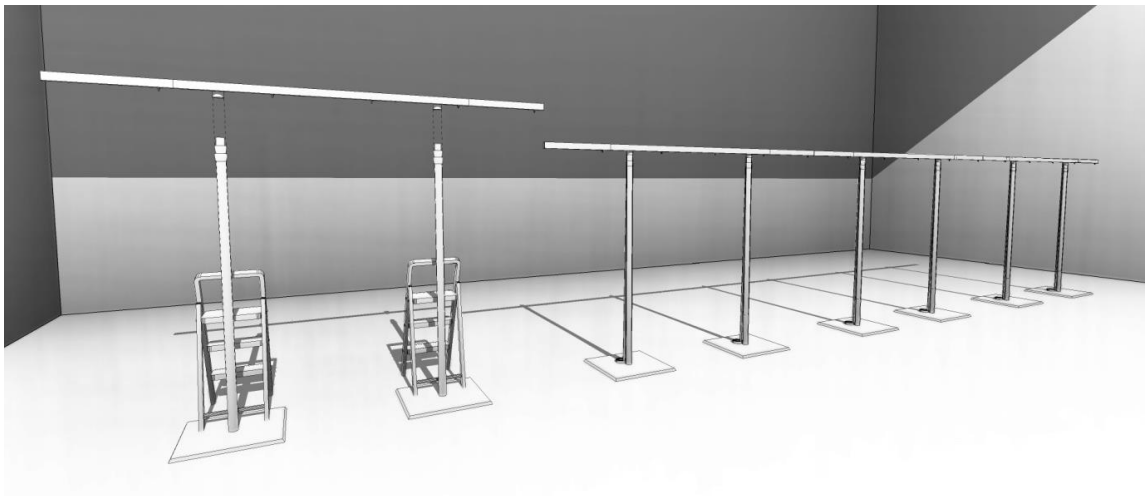


Figure 5.

With the assistance of a step ladder and a second crew member place the 3m QR cross bar rigging on top of each push up and secure with bolts provided. Ensure that all bolts grab onto the upright metal and do not slip into existing gaps used for placement of traditional cross bars. Repeat above process until all QR cross bars are installed securely. For additional safety place 1 or 2 shot bags on the rear of each base plate.

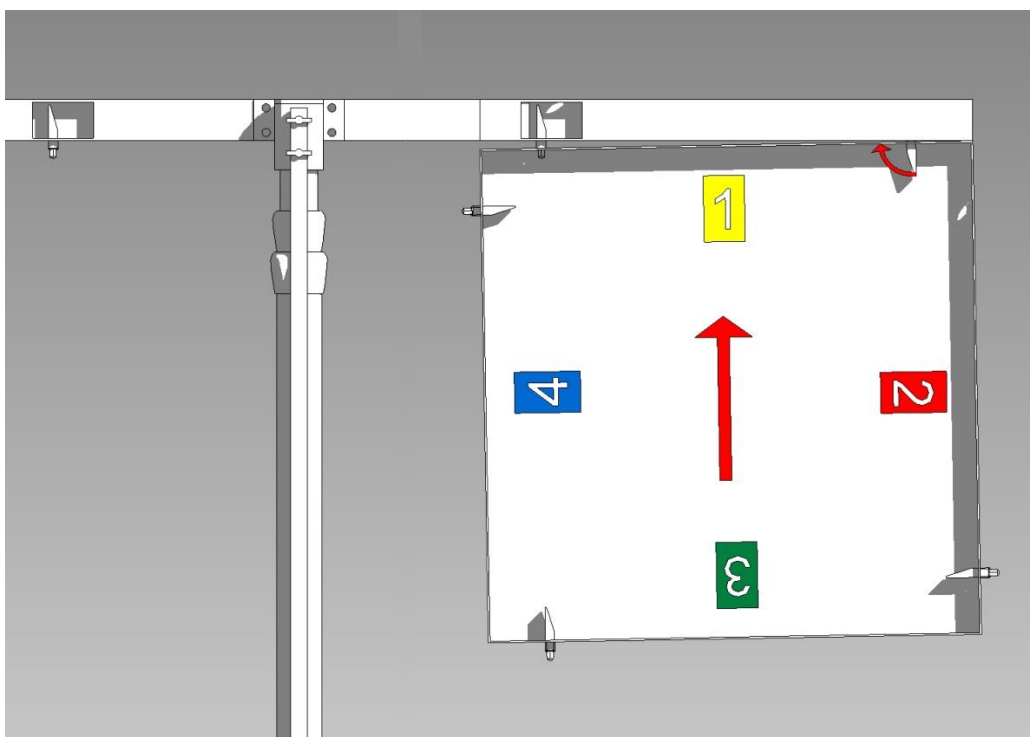


Figure 6.

All further instructions will be based upon the installation crew installing from the rear and looking at the back of the modular panels. Ensure that your first panel matches the supplied numbered plan and begin by clipping the right side of the panel to the top underside of the far right modular QR cross bar as shown in Figure 6. The panel numbers should always assemble in sequence with the number at the top of the panel. Clip the QR lever shut only on the right side of the panel leaving a hanging gap on the left side of the panel to allow easy installation of the next sequential panel.

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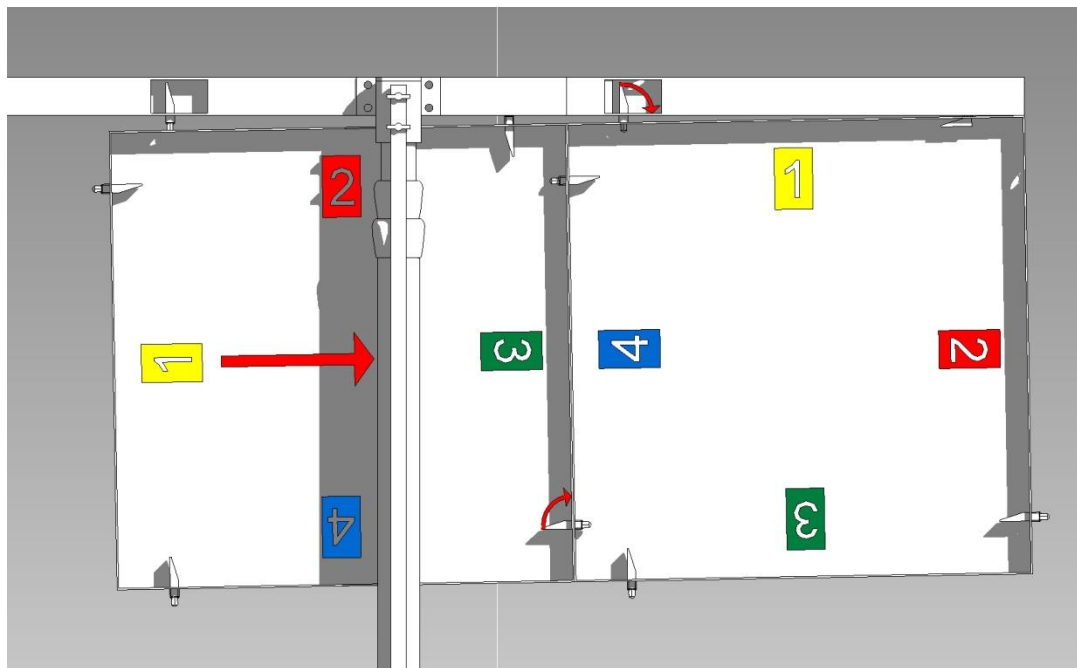


Figure 7.

Connect the QR levers that are in the open position together where the two panels meet and lift the panel up into the modular QR cross bar, closing the second QR lever located on the first panel attached to the modular QR cross bar. The second panel will now hang slightly from the modular QR cross bar to allow the installation of the third sequential panel.

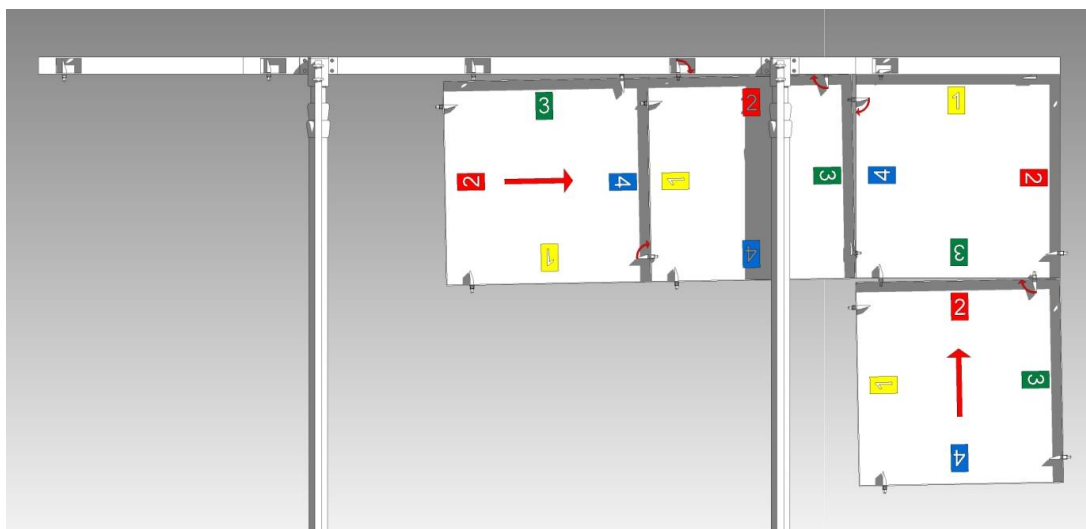


Figure 8.

Repeat the process noted in Figure 4. along the top of the first 3m QR cross bar section as shown, ensuring that all QR levers are closed in sequential order. Repeat the process on the second level of panels ensuring the numbering matches the sequential order on the top of the panel as illustrated in Figure 8.

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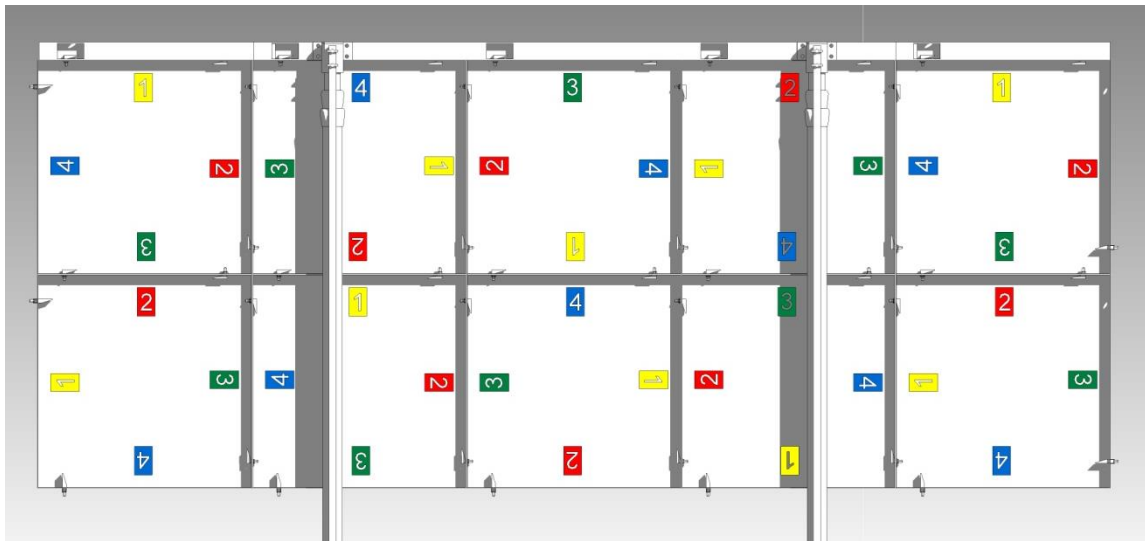


Figure 9.

The completed panels of the first 3m QR cross bar modular section should reflect the illustration above in Figure 9. **DO NOT** install more than 3 panels high before attempting to lift the first section of wall to the desired event height. We recommend only 2 panel sections are installed as shown in the below Figure 10. for easy lifting by two crew members on step ladders. **DO NOT** attach the panels on the subsequent 3m modular QR cross bars together while the wall is at ground level.

- Each 3 metre section of wall is to be raised and lowered individually.

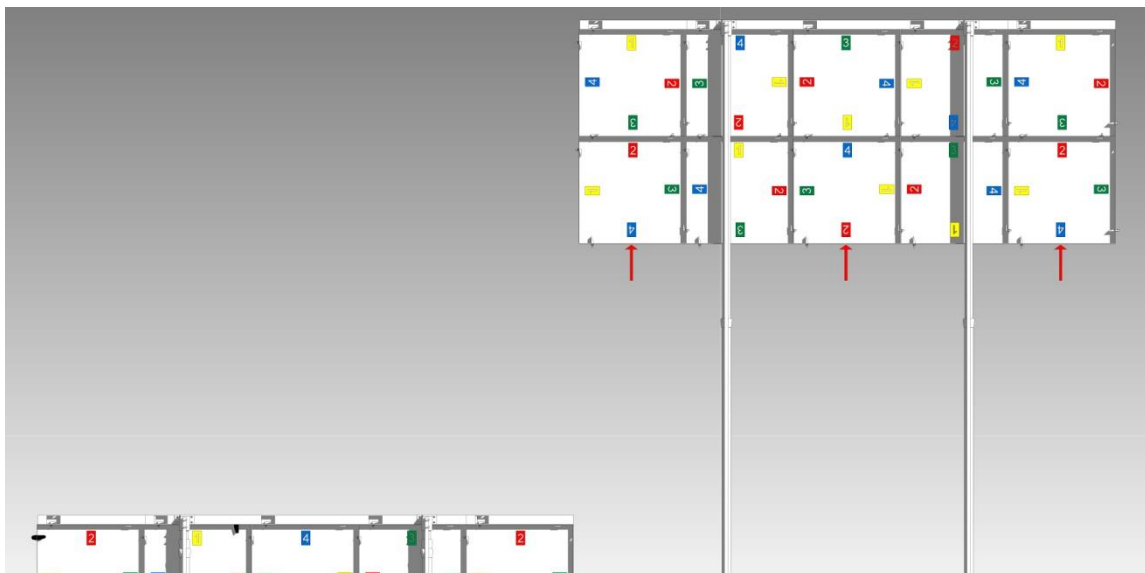


Figure 10.

Carefully raise the first 3m QR cross bar modular section of wall ensuring that you do not exceed the height indicators supplied by the manufacturer of your own push ups used. We recommend not exceeding a total height of 5m tall with standard 3 stage push ups. Check your height as you raise the wall with the supplied fabric tape attached to the rear of the QR cross bar cap to ensure all 3m sections are at the same height while lifting to the event height.

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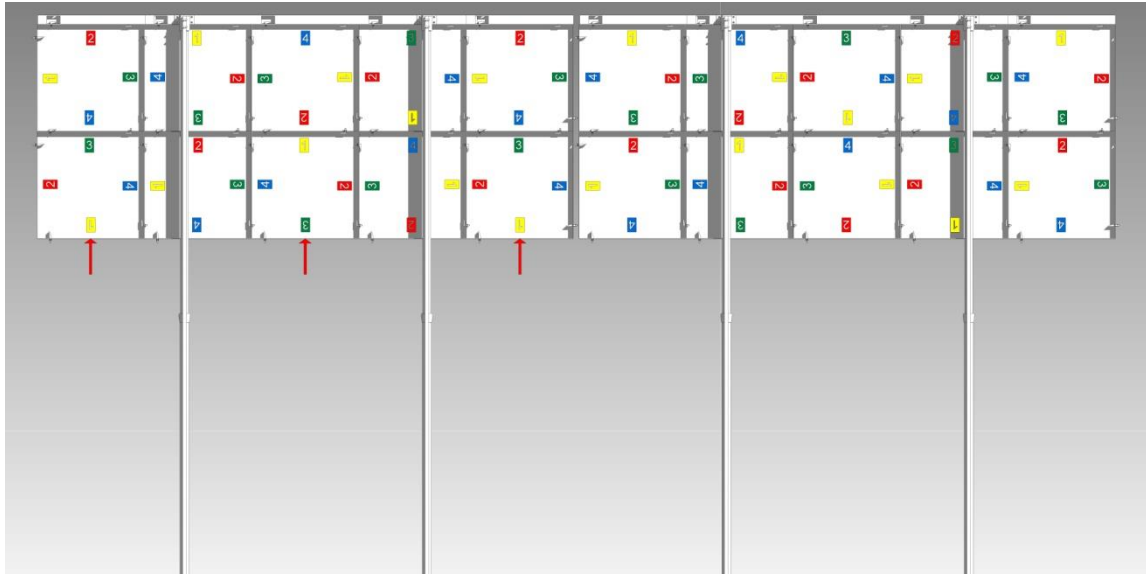


Figure 11.

Continue to raise each separate 3m QR cross bar modular rigged section ensuring the finished height on each section is the same. **DO NOT** connect the adjoining panels to create a seamless wall until the entire wall has been raised to event height.

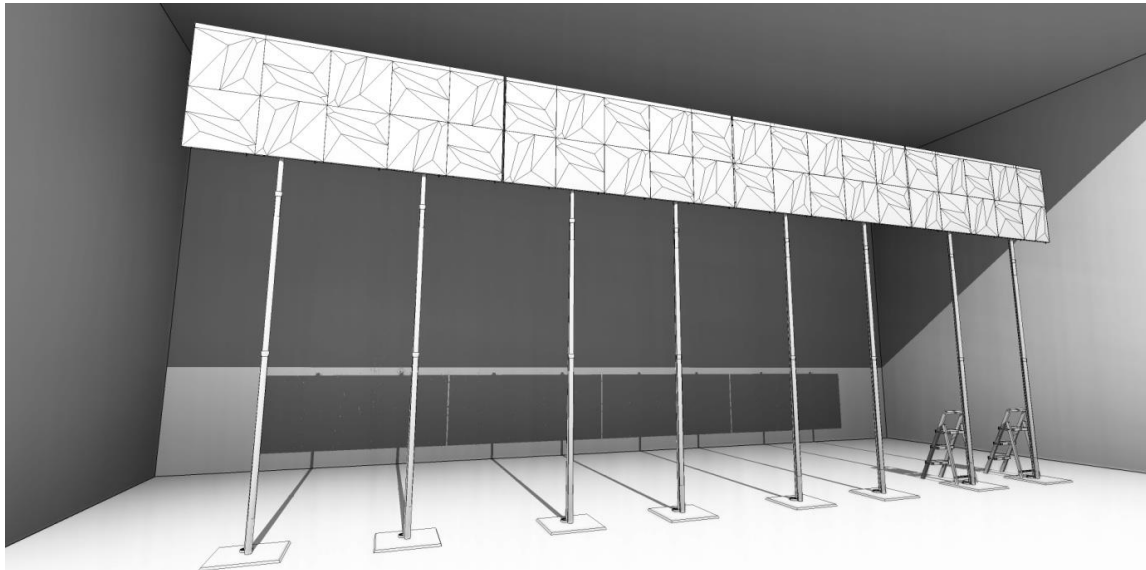


Figure 12.

When raising the 3m modular QR cross bar sections be cautious of the QR levers that will be protruding from the adjoining cross sections at event height. There will be a noticeable gap between the 3m modular QR cross bar sections - this is normal and will be remedied in the next step.

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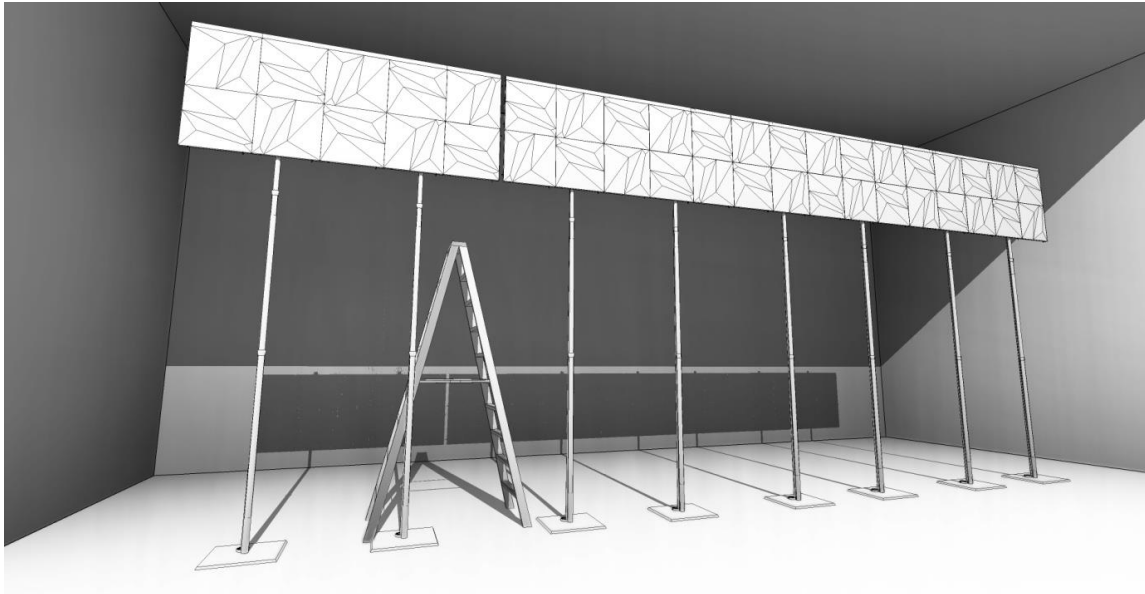


Figure 13.

Position a 4.5 metre ladder or scissor lift behind the wall, between the first gap in the 3m sections.

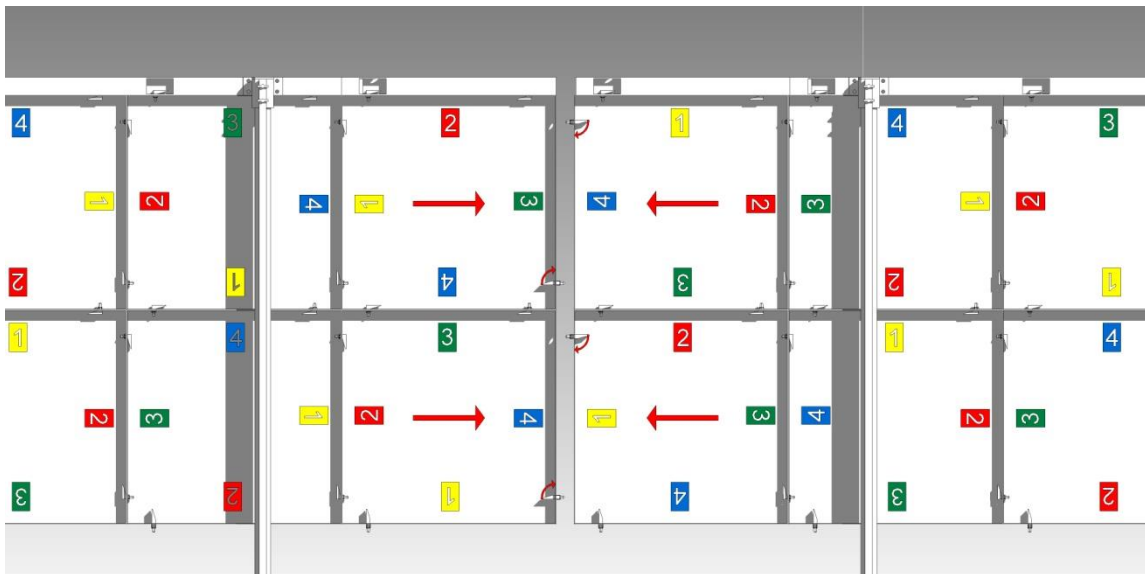


Figure 14.

With the assistance of a crew member on the ground pull the two sections together aligning the open QR levers with their adjoining holes. If the QR levers do not align the crew on the ground may need to slightly adjust with the alignment of the push ups. It may also be necessary to pull the panels together due to natural swaying of the 3 stage uprights if the floor you are working on is not exactly level or if the uprights are not exactly straight. **DO NOT** install any further panels until all 3m sections have been joined at event height.

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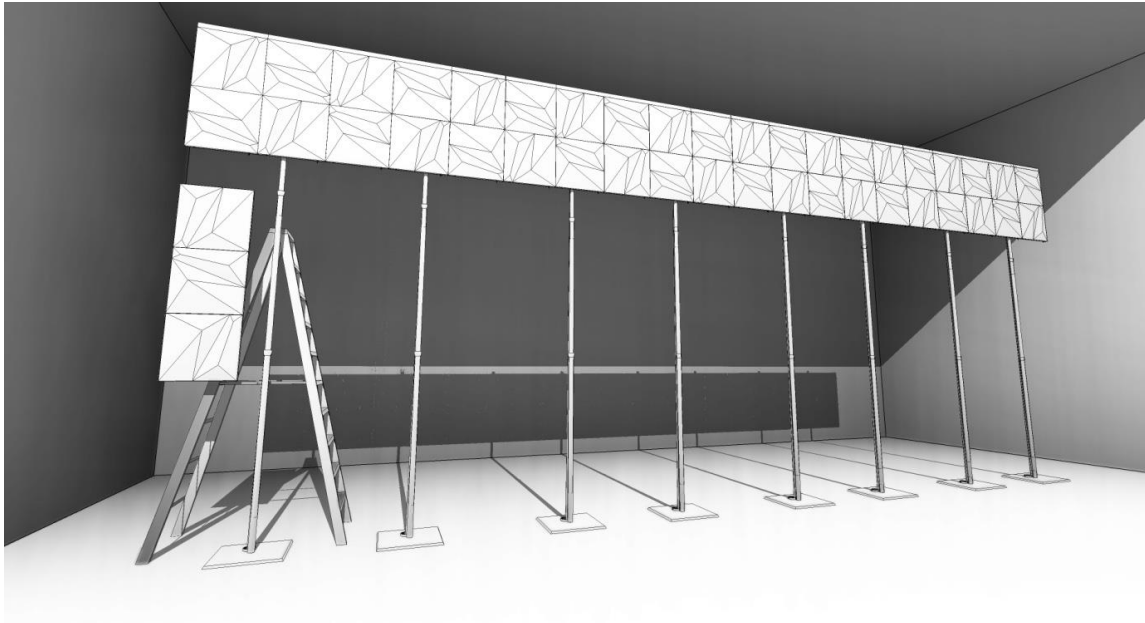


Figure 15.

Installation of remaining panels can be completed individually or by connecting up to 3 panels at a time and raising to crew members on the ladder or scissor lift as illustrated in Figure 15.

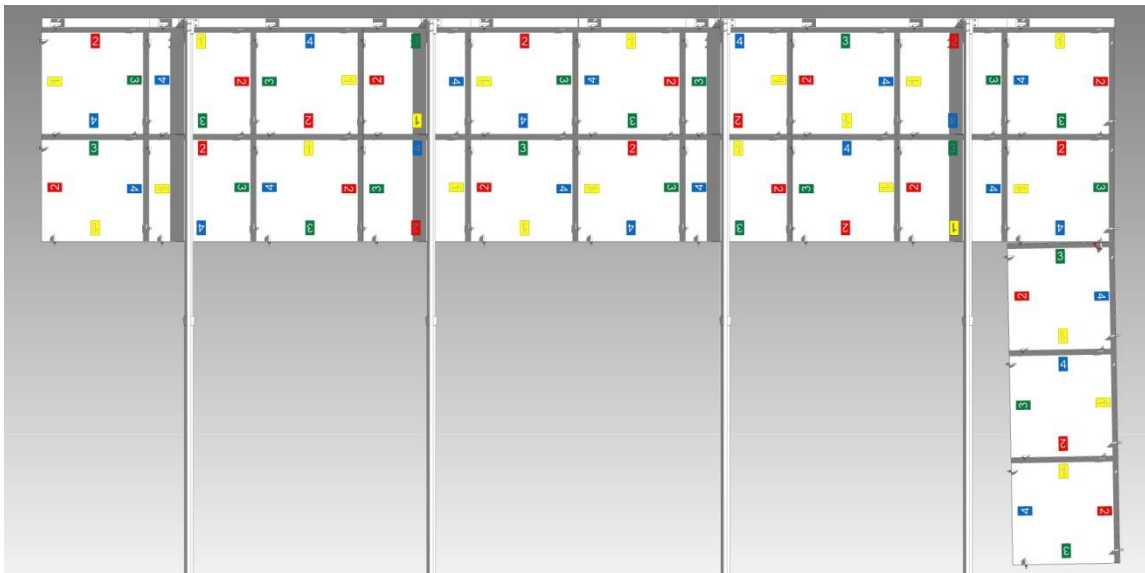


Figure 16.

Follow the same installation process of clicking into position the far right QR lever which will allow the ease of installation of the next set of panels before closing the second QR lever on the first panel.

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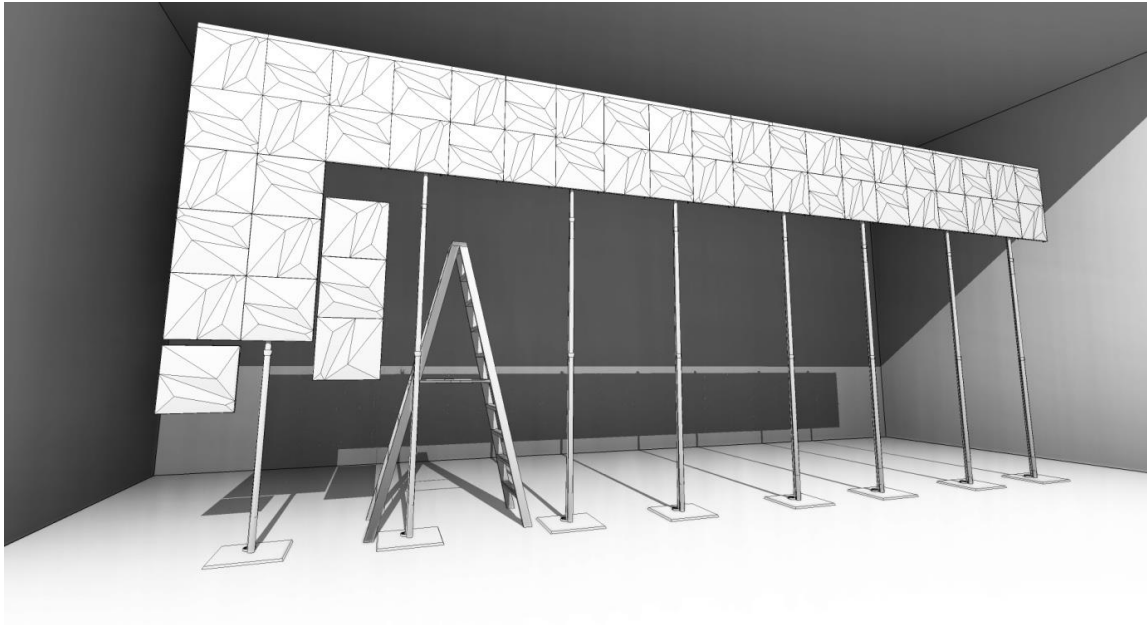


Figure 17.

Crew on the ground will now be able to install panels while crew from the ladder or scissor lift continue evenly along the wall as shown in Figure 17.

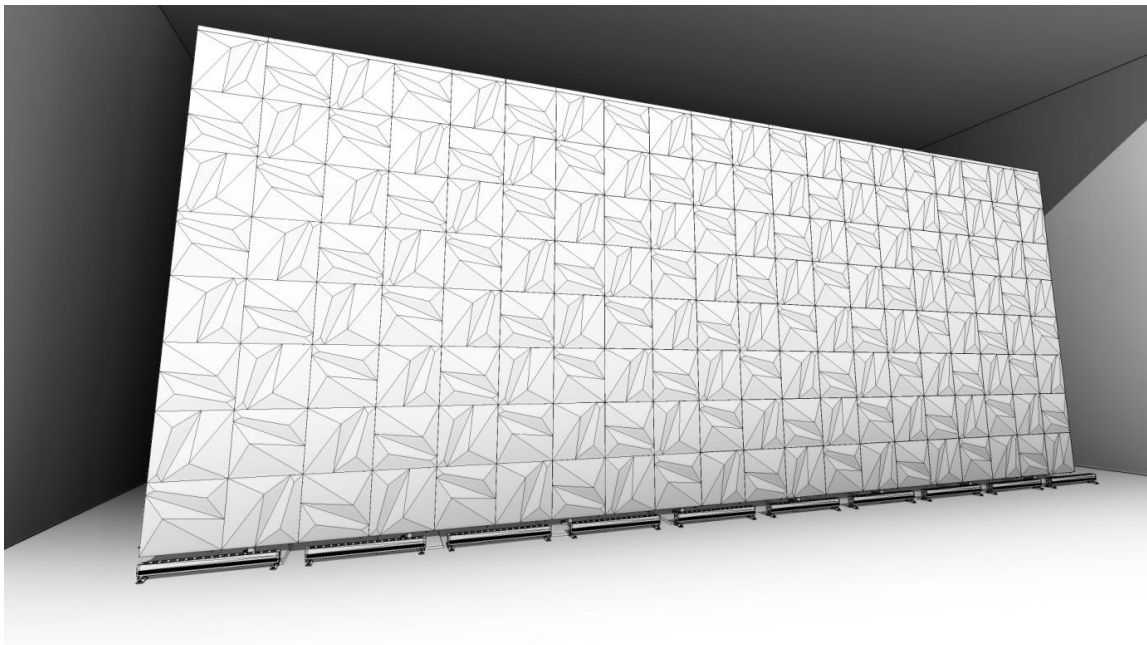


Figure 18.

Continue the process as shown in Figure 17. along the entire wall until complete.

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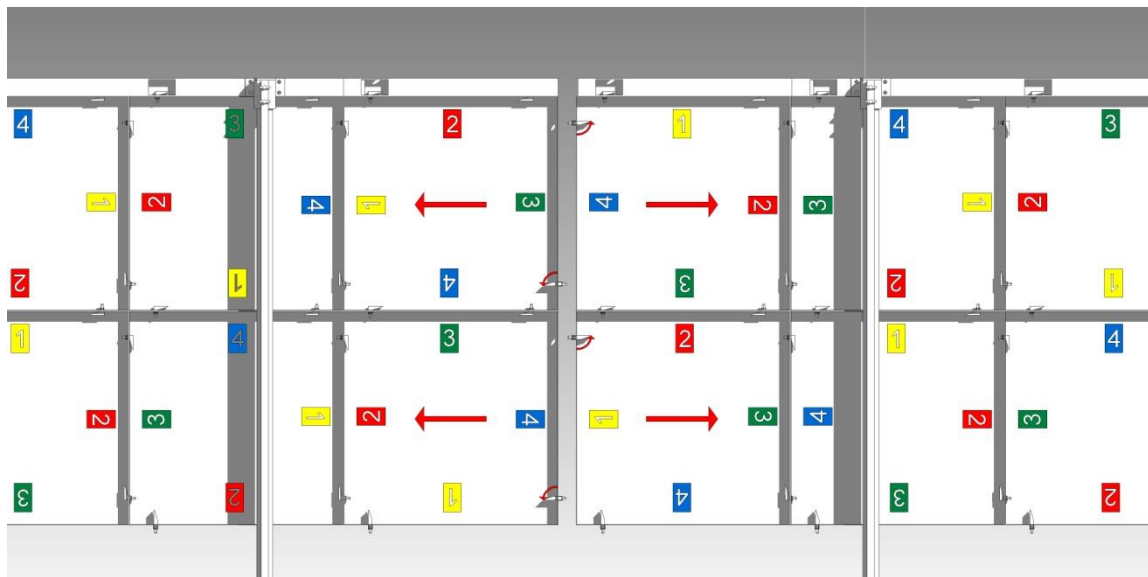


Figure 19.

IMPORTANT NOTE FOR REMOVAL OF WALL - The above process must be completed **EXACTLY** in reverse for the removal of the wall. Please ensure that all QR levers are released from the panels adjoining each of the 3m modular QR cross bar sections and that they are separated to allow a clear gap for lowering as detailed above in Figure 19.

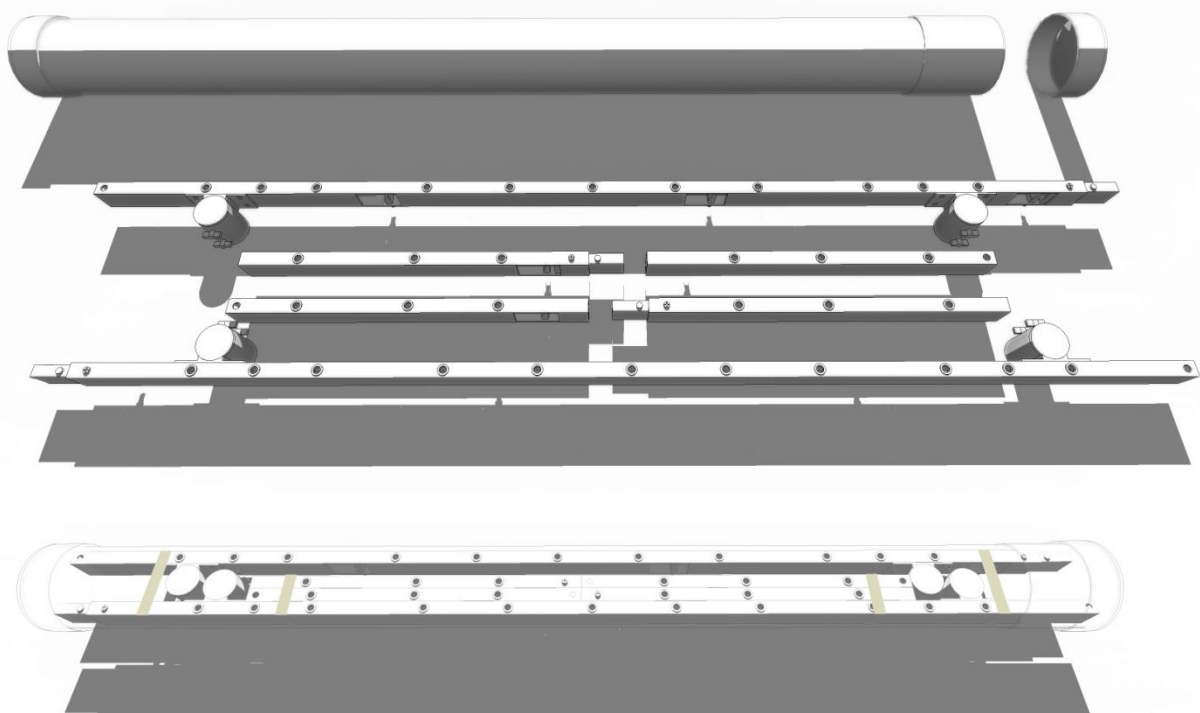


Figure 20.

IMPORTANT NOTE FOR REMOVAL OF WALL – Please ensure all QR cross bars are dismantled and secured tightly with electrical tape as detailed in Figure 20. Also ensure all QR levers are in the engaged down position to prevent damage while in transit.