

TERRASMART BESPOKE PLANTER SYSTEM

INSTALL GUIDE

Compatible with TerraSmart Contour & Ledge Planter Systems



EQUIPMENT

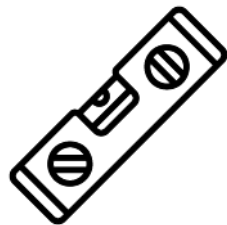
Mitre Saw



Tape Measure



Spirit Level



Angle Grinder



Cordless Drill



Rubber Mallet



Site PPE



IMPORTANT NOTES

When installing as a complete, integrated TerraSmart system:

- RYNO planter systems are not waterproof. Use an appropriate membrane or gasket to prevent leaching.
- Use offcuts of material wherever possible to minimise waste.
- Always use appropriate torque setting on cordless screwdriver for screws.
- Always use correct PPE throughout installation.
- If installing with a TerraSmart Rail system, follow steps in Part 1A and Part 2.
- If installing with a TerraSmart Decking system, follow steps in Part 1B and Part 2.

If fixing into concrete base:

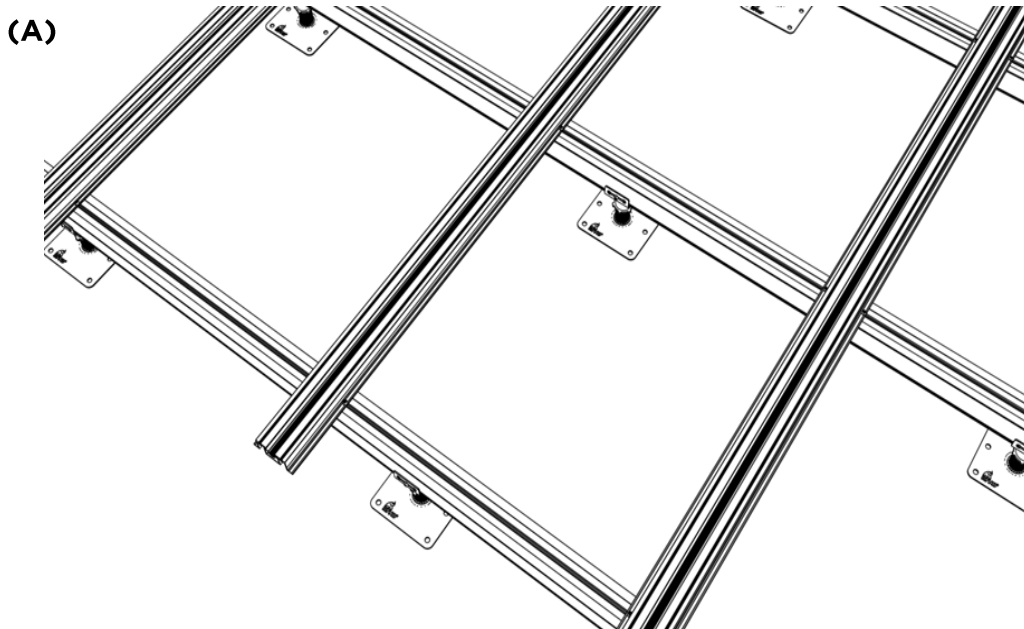
- An M10 anchor bolt with a minimum embedment depth of 90mm into the concrete is recommended.
- The footing itself should be a minimum of 120mm deep. For higher planter faces, a concrete fixing specialist should be consulted.
- RYNO planter systems are not waterproof. Use an appropriate membrane or gasket to prevent leaching.
- Follow steps in Part 2 for planter assembly.

INSTALLATION GUIDANCE

Part 1A:

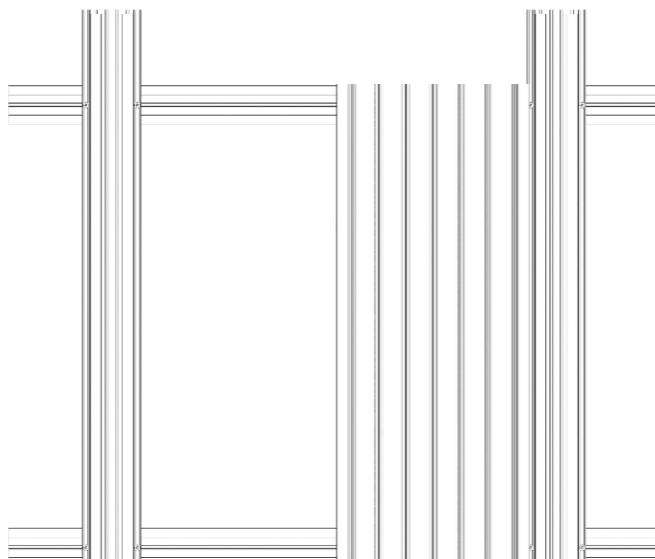
1) Follow steps set out in the relevant TerraSmart Rail Paving System Install Guide. Fig A.

NB: The pedestal and subframe arrangement shown is indicative only. Planters introduce additional imposed loads which may require reduced pedestal and/or support spacings. Pedestal and subframe spacings beneath planters must be determined based on the project-specific planter loads and supporting build-up. Refer to the project-specific design information where provided. If this information is not available, contact the RYNO Technical Team for guidance prior to installation.



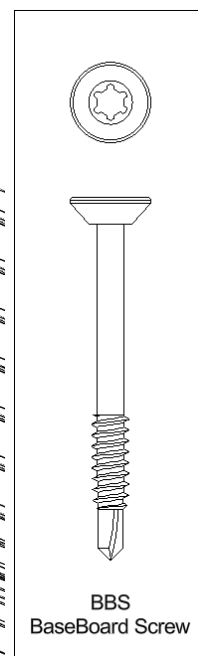
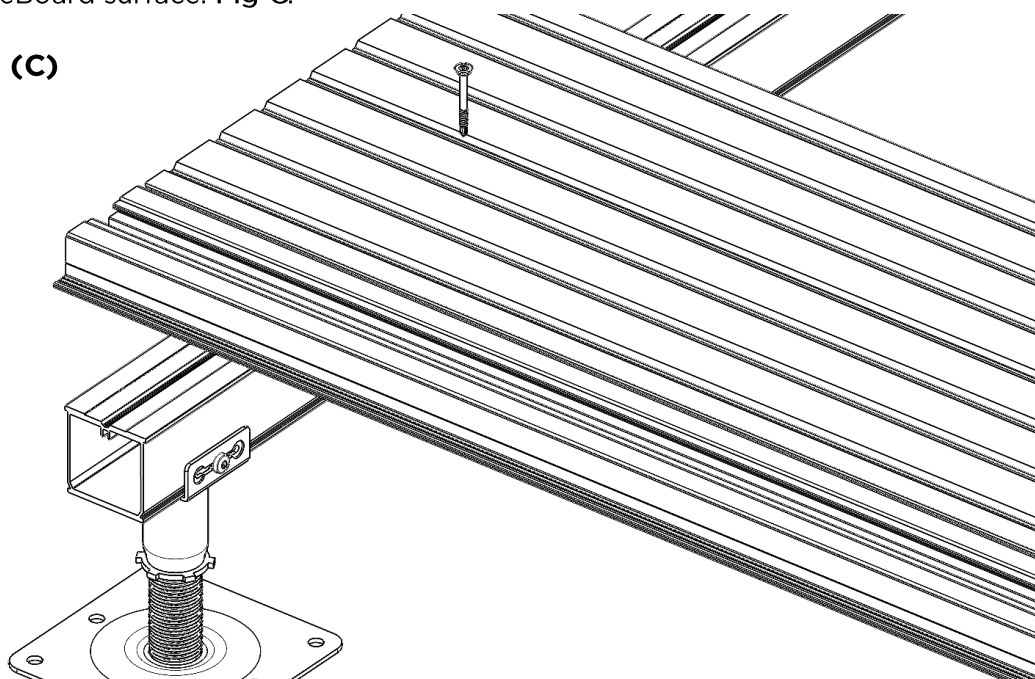
- 2) Install the BaseBoard parallel to the RST Top Rails and fix in place. Note: When the Top Rails are set at 600mm, 2 lengths of BaseBoard will fit side by side between them with a 5mm gap between. **Fig B.**

(B)

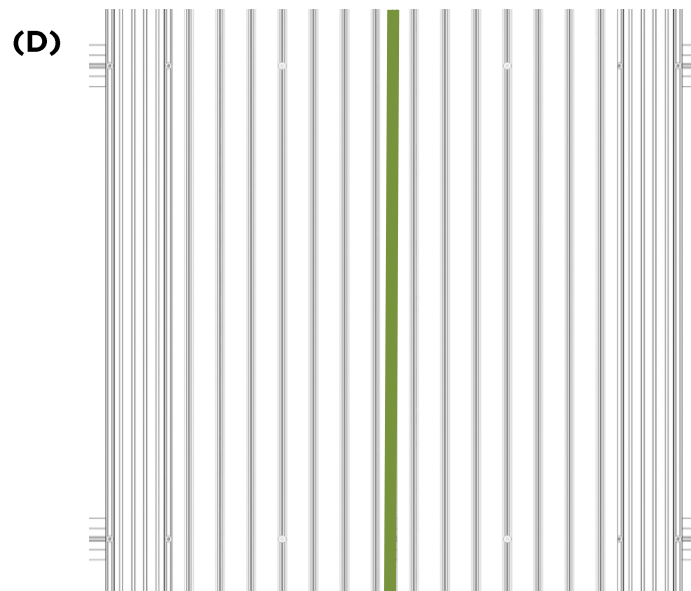


1. Fix the BaseBoard to the DS Aluminium Joist using BBS BaseBoard Screw, via the channels on the BaseBoard surface. **Fig C.**

(C)



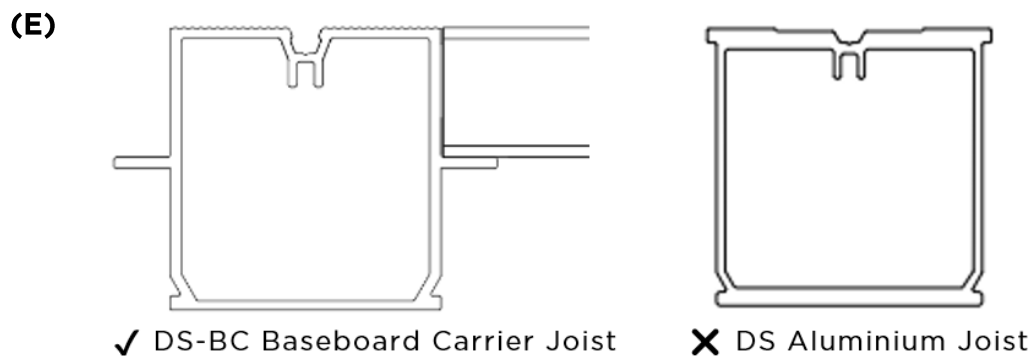
3) Repeat this process, leaving a 5mm drainage gap between each BaseBoard. **Fig D.**



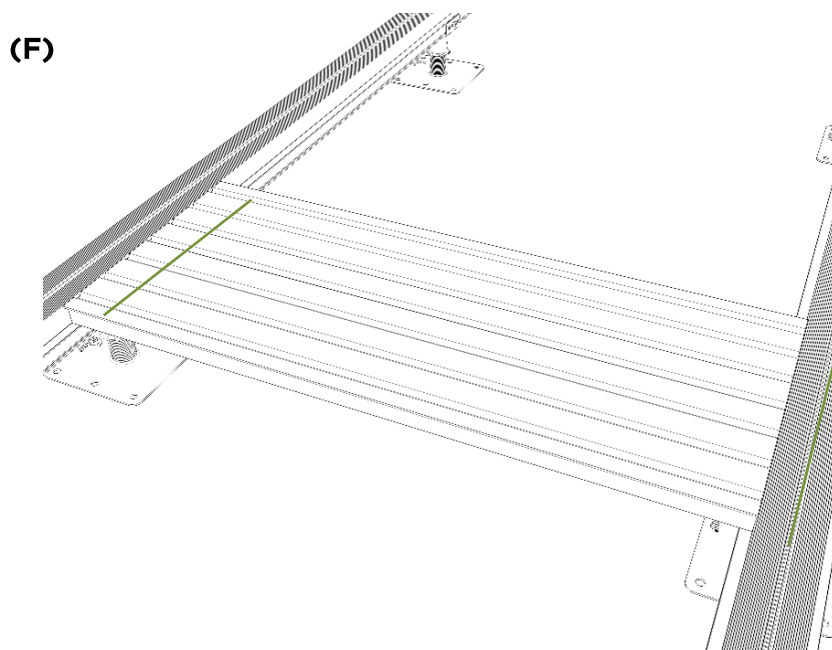
4) Continue this process until you have completed your base area. Then proceed to Part 2.

Part 1B:

1) Follow steps in the relevant TerraSmart Decking System Install Guide, using the DS-BC BaseBoard Carrier Joist, instead of the standard DS Aluminium Joist. **Fig E.**

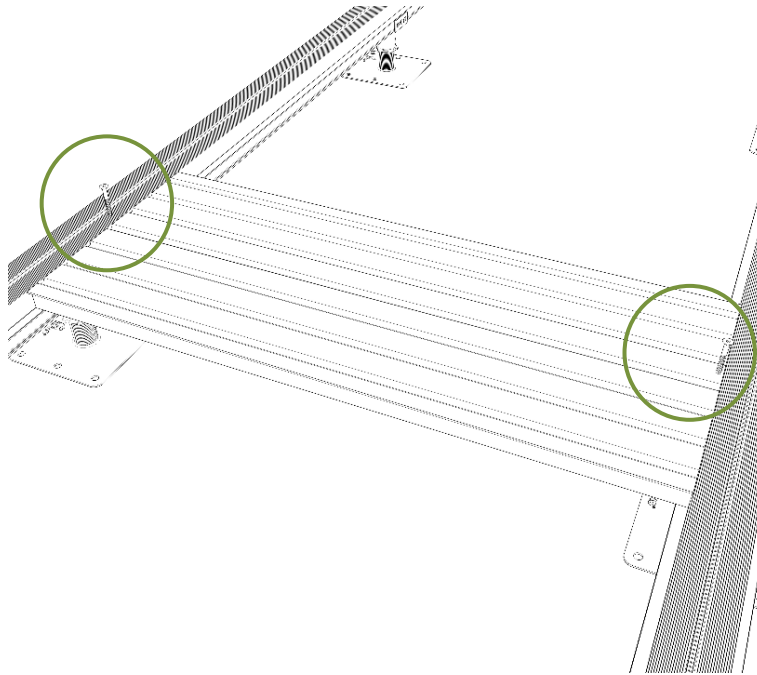


- 2) Measure between the DS-BC BaseBoard Carrier Joist to determine BaseBoard cut size, allowing for 1mm gap at either end.
- 3) Cut the required quantity of BaseBoard at this measurement to get started. Place the cut lengths of BaseBoard perpendicularly between the joists, leaving a 1mm gap either side. **Fig F.**



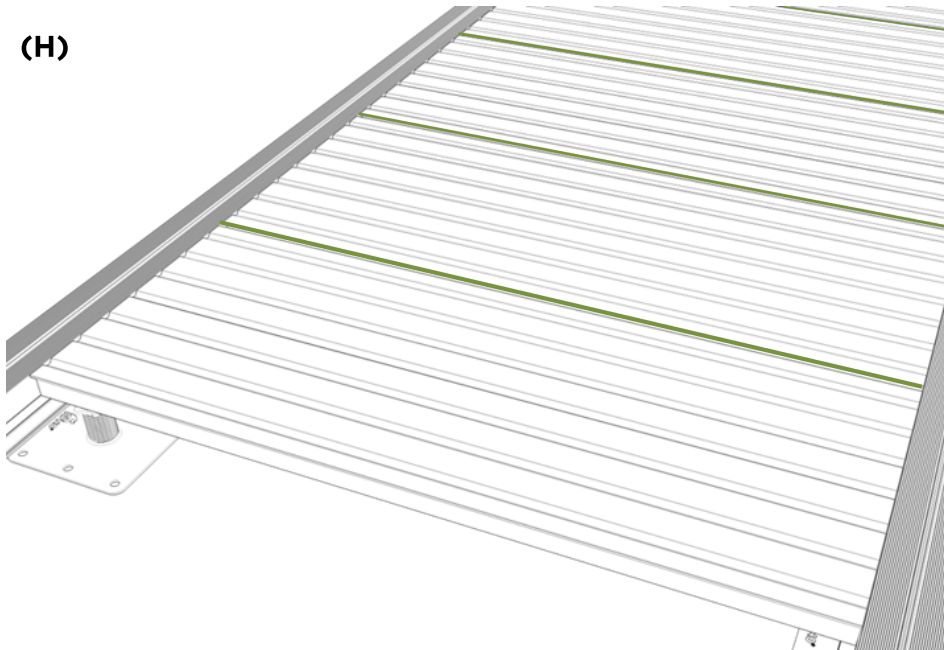
4) Fix the BaseBoard on either side using BBS BaseBoard Screw. **Fig G.**

(G)



5) Repeat this process, leaving a 5mm drainage gap between each BaseBoard, continuing until you have completed your base area. **Fig H.**

(H)



Part 2:

1) Lay out all planter edging panels in their correct positions* and check that all components are present, undamaged, and correctly orientated.**

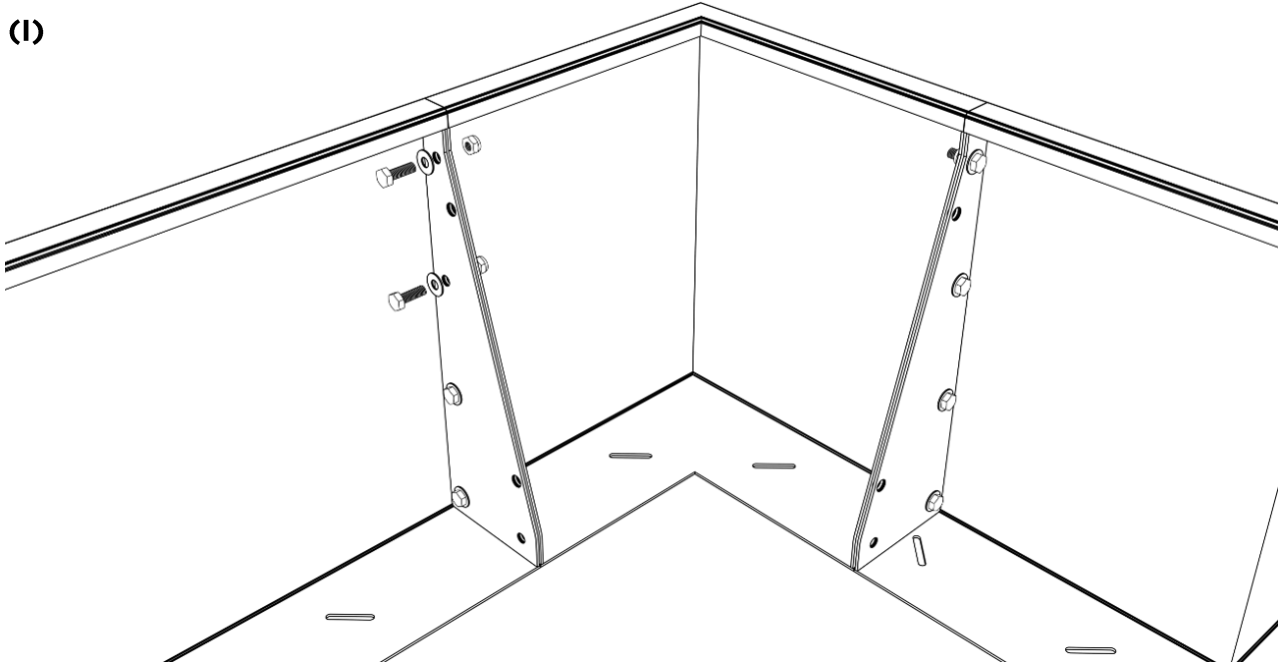
**Refer to the planter layout drawings and the numbers cut into the base of each planter panel.*

***If the planter finish is Corten, Blackened Steel or Marbled Steel, we recommend installing the EPDM Strip as a separation layer between the planter base and BaseBoard to guard against galvanic corrosion.*



- 2) Loosely bolt all panels together and ensure the assembly fits correctly, before fully tightening any fixings. Fig I.

(I)



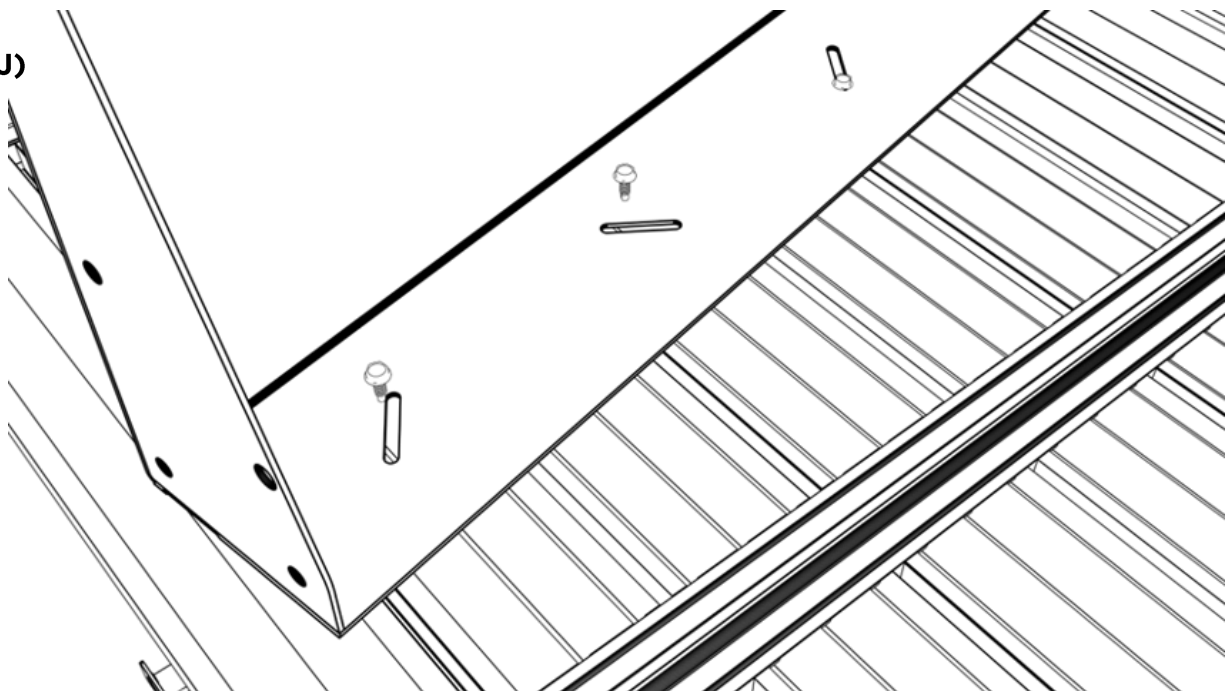
- 3) Tighten the bottom panel connection bolts around the full perimeter.
- 4) Check that the tops of the panels are correctly aligned, then tighten the top connection bolts around the perimeter.
- 5) Inspect for any gaps between the planter edging and the BaseBoard. Install suitable non-compressible packers where required to ensure the edging is fully supported and will not distort when fixed down.
- 6) Secure the planter edging to the BaseBoard, checking that it remains square, level and plumb throughout the fixing process, through the fixing channels shown, using the BBF BaseBoard Fixing provided.** Fig J.

If fixing into a concrete footing, see below****

*** Depending on the size and complexity of the planter layout, you may choose to connect the whole planter together before fixing to the BaseBoard / concrete footing.

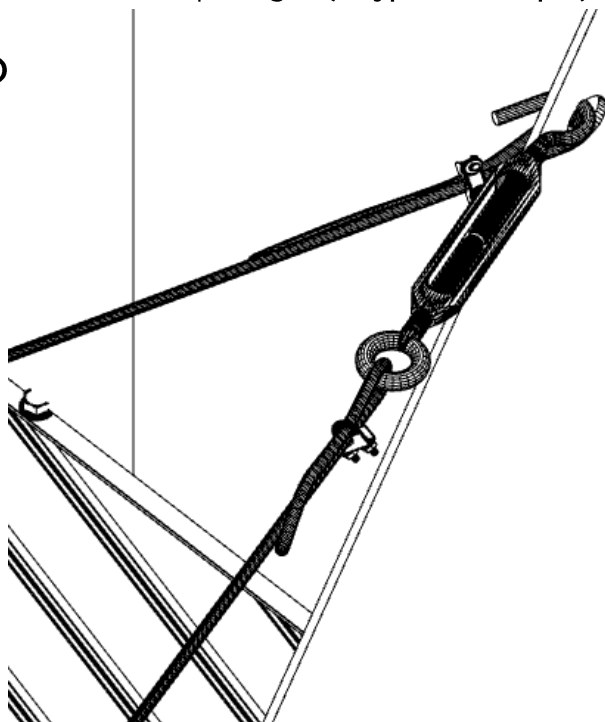
**** An M10 Anchor Bolt with a minimum embedment depth of 90mm into the concrete is recommended. The footing itself should be a minimum of 120mm deep. For higher planter faces, a concrete fixing specialist should be consulted.

(J)



- 7) Install the tensioning wires in accordance with the project drawings, taking care not to overtighten, as this may pull the planter out of shape. Fig K (a typical example).

(K)



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