

Biax Installation Checklist

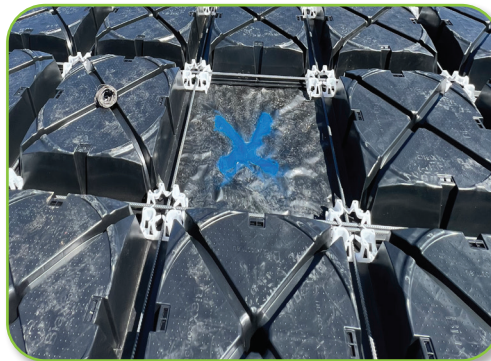
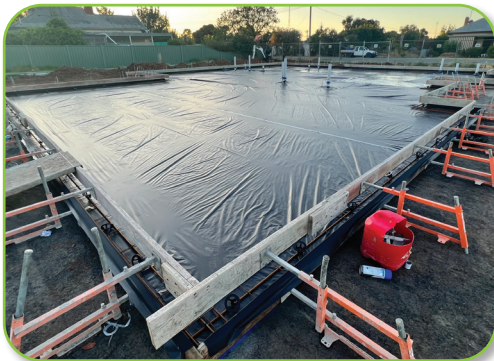
1.

Verify installation of concrete piers, concrete blinding beams, and screw piles before commencing slab works. Note: If piers aren't filled, ensure they are covered by the concreter and not left exposed.



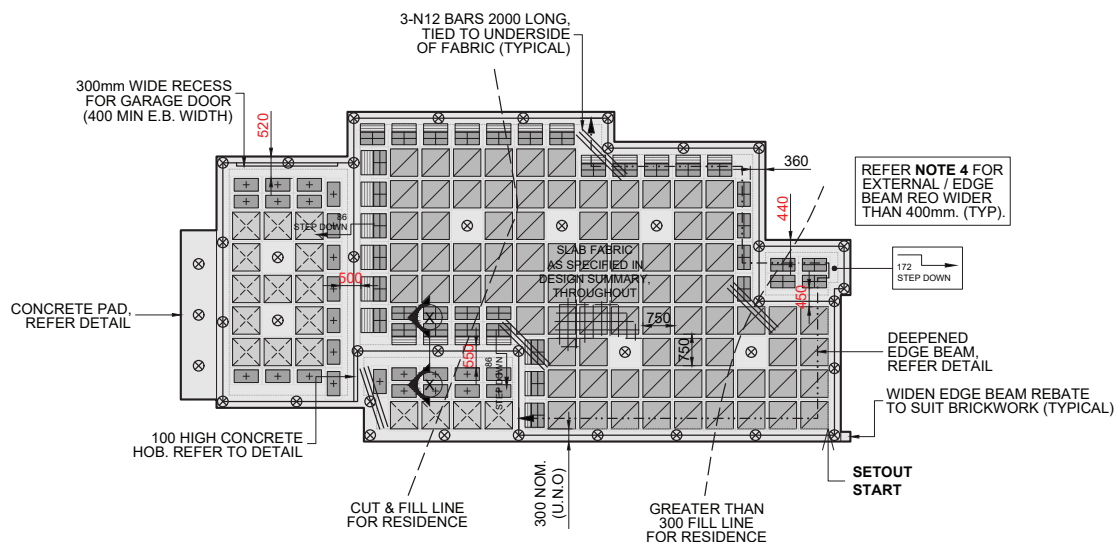
2.

Ensure the vapour barrier is laid correctly down and mark the location of piers, beams, or piles on top of the barrier for ease of pod removal from these locations. (This also includes the substitution of the vapour barrier with the reflective thermal DPM.)



3.

Review the slab plan to identify the use of step-down pods and their specific placement areas.



Biax Installation Checklist cont...

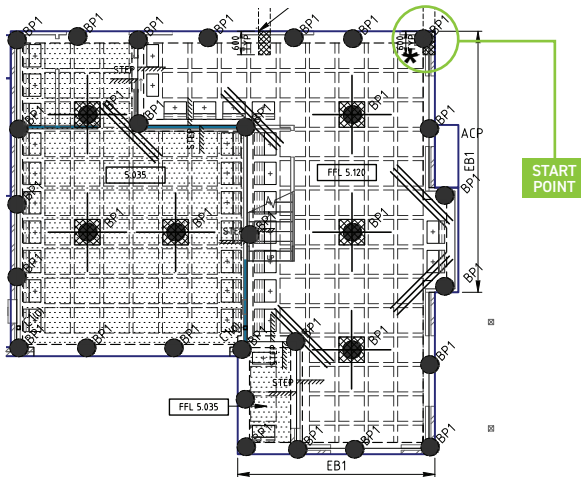
4.

Place perimeter trench mesh before pod placement, utilising the Auschair, or other chair alternative.



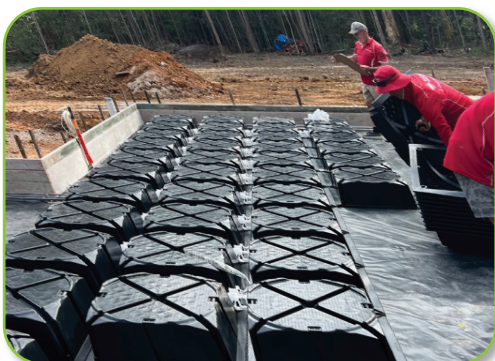
5.

Determine the starting position of pods according to the plans.
 a. Ensure a distance of 300mm from the face of the pod to the external edge beam.



6.

Install two rows of pods in each direction, ensuring they are square, and connect the keystones.



Biax Installation Checklist *Cont...*

7.

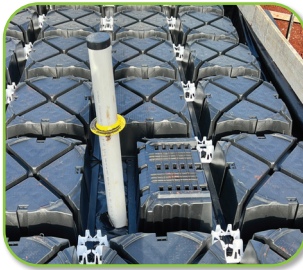
Continue laying pods and connecting keystones.

- a. When using trench mesh, perimeter pods do not require keystones, except for overhanging pods on beams, where a cut keystone can provide additional support.
- b. When using 2/N bars on the perimeter, use keystones on the perimeter pods as a bar chair for one bar, while the extending rib bar supports the second bar.



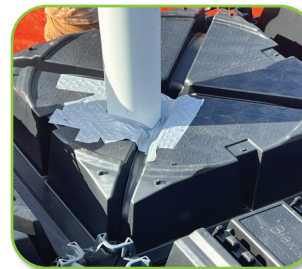
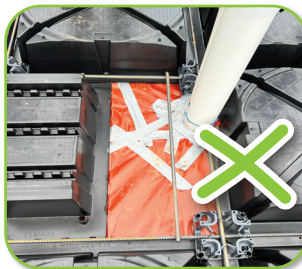
8.

Observe the correct usage of mini pods and extenders around penetrations, ensuring their practical application.



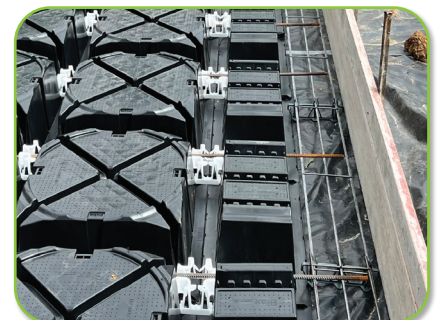
- a. Additionally, ensure that the cranked bar around the penetration extends a minimum of 1200mm.

- b. Ensure all penetrations are taped to prevent concrete from falling into pods, causing additional waste.



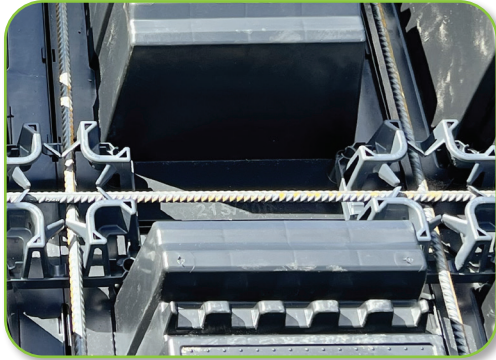
9.

Place mini and adjustable pods on the external beams according to the plans.

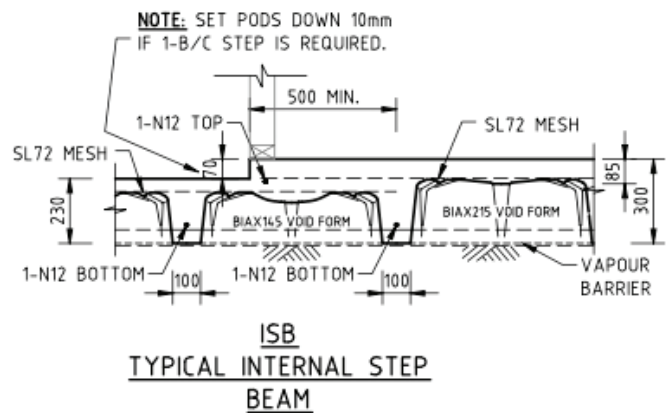


Biax Installation Checklist *Cont...*

- 10.** Add rib bars after the pods are correctly placed in their designated locations. No internal ribs require tying, but ensure a standard 600mm overlap, with rib bars securely positioned in keystone clips. This can be achieved by simply placing your foot on the bar.



- 11.** Lay slab mesh on top of the pods.
- a. Take note of step-downs requiring overlapping mesh; the mesh should be continuous without any cranking.



- 12.** Install re-entrance bars, top perimeter bars, and any additional internal bars, such as those over piers or the top layer of ribs, on top of the slab mesh.



Additional Guidelines as Required

Drop Edge Beams

To construct a Dropped Edge Beam where the edge of a concrete slab descends vertically to the ground or internal step, use the Ausdrain 30mm or 50mm Drainage Cell. This will shape and connect it to the Biax pod edge, forming a straight beam, supporting the pod, and saving concrete.

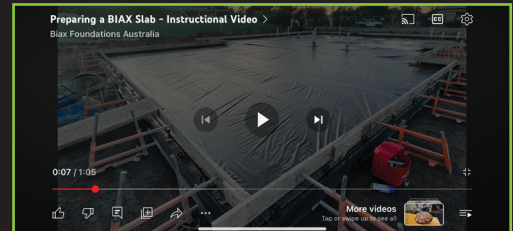


Biax Installation Training Videos

Simply scan the QR code to take you to the relevant training video



Preparing a Biax Slab



Installing Biax Pods over Pipe Penetrations



Using Mini & Adjustable Pods

