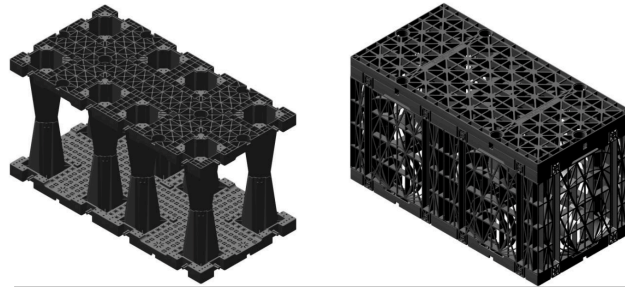
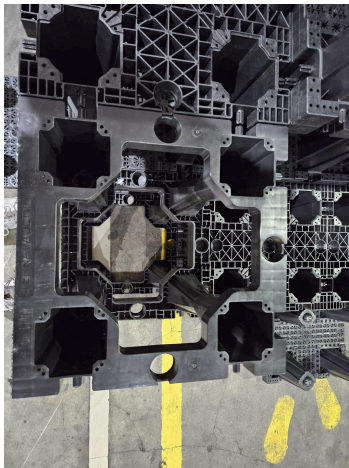
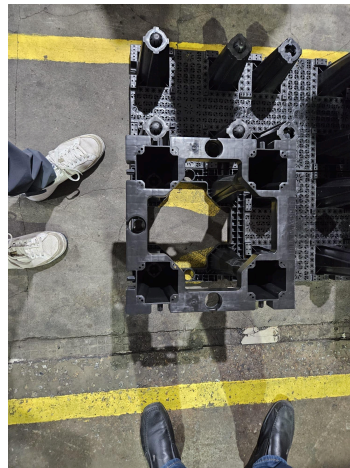


Rainsmart Stormvault - Vertical Inspection Points



Vertical Inspection Points:

DS Group can supply Rainsmart Terravault cells at the same price as the Stormvault Half Cone units to be used for a vertical access point to the tank, the Terravault cell when used in conjunction with a 300mm pipe and a trafficable lid (to be supplied by others) form a vertical access point that allows vertical and horizontal access to each level of the Stormvault Tank. More details on the vertical inspection points can be found on page 12 of the Rainsmart Stormvault Installation Guide.

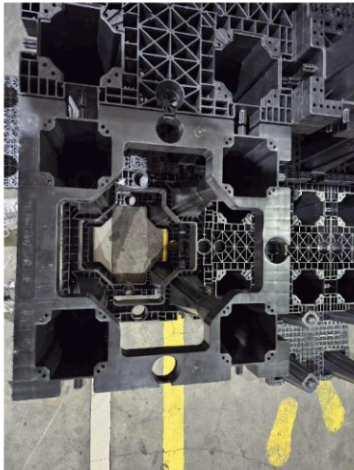
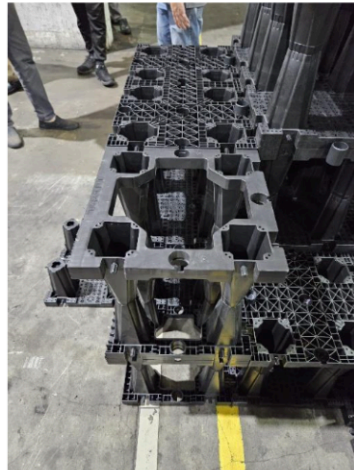


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6 Install Inspection /Maintenance Ports

All ports should be made from pipe long enough to extend from the top of the STORMVAULT Tank to finished grade. They are typically Schedule 300mm U PVC pipe, but can be formed from other types of pipe, as well.

Identify the location of all ports and remove the top geotextile from STORMVAULT Tank from each location. STORMVAULT Inspect shaft module will be installed in these locations.



Maintenance / Inspection Ports:

Typically made from 12" (300mm) Schedule 40 PVC pipe, cut the pipe to length, leaving enough excess to trim the top when final grade is reached. Install the pipe into the STORMVAULT Tank unit, pour 150mm of concrete mix around the pipe to prevent it from moving during back fill (Fig: 11). Seal the opening on top of the pipe with a cap or temporary lid to prevent debris from entering the system.



TIP: If using Prefabricated Pipe Boot Kits, install them onto the Inlet and Outlet Pipes, leaving the band clamps loose so that final adjustment of the Stormvault units may be made.



TIP: If the location of Maintenance Ports is not shown on your plans, include a port within 10' (3mts) of all inlet and outlet pipes (a single maintenance Port can cover multiple pipe connections), and include additional Maintenance Ports, as needed, to prevent the distance between ports from exceeding 65 feet (20mts).