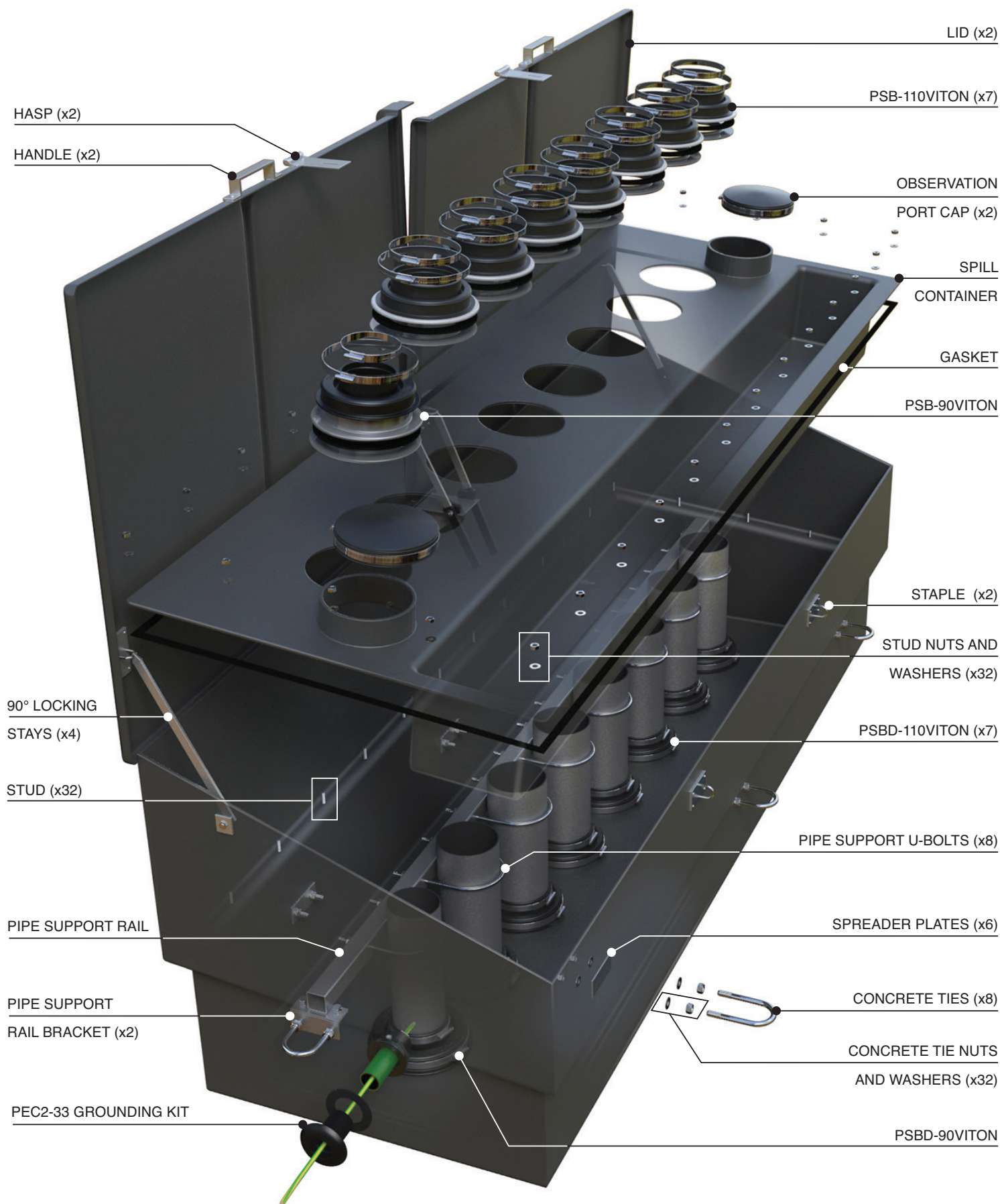


INSTALLATION INSTRUCTIONS

S22SH-2-AGF Above Ground Fill System

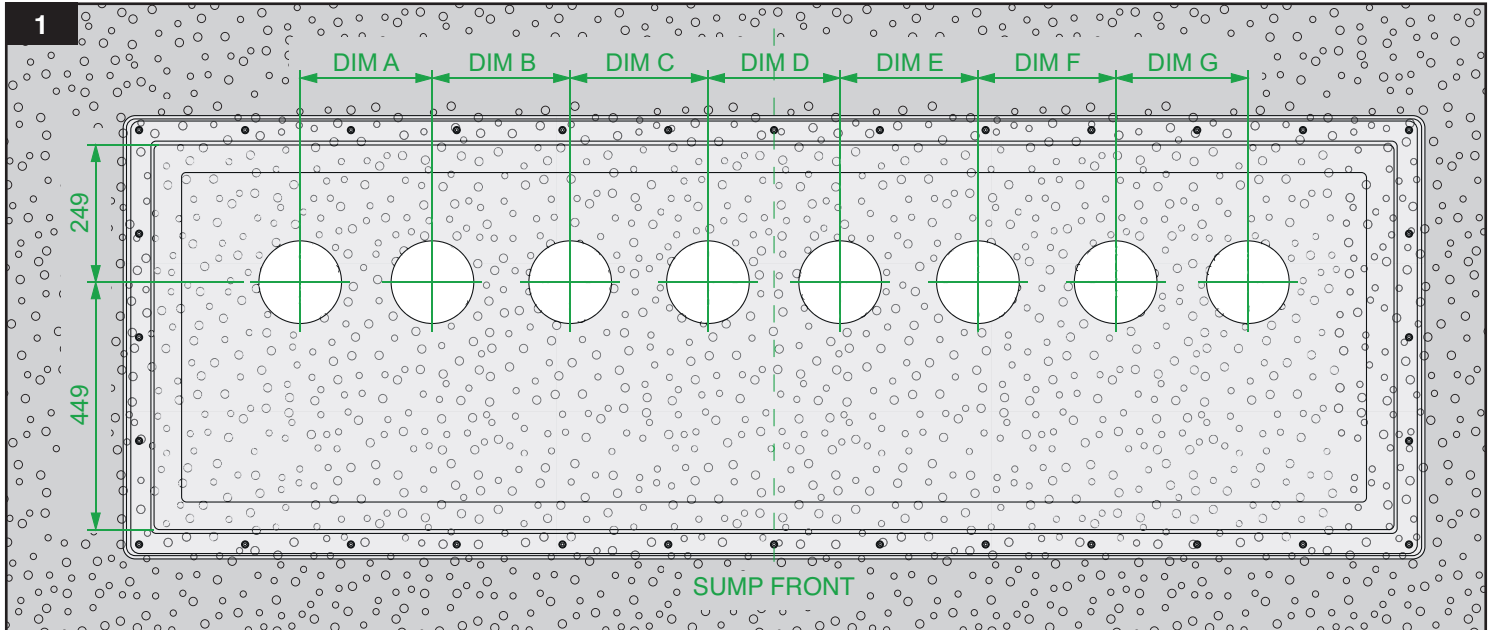
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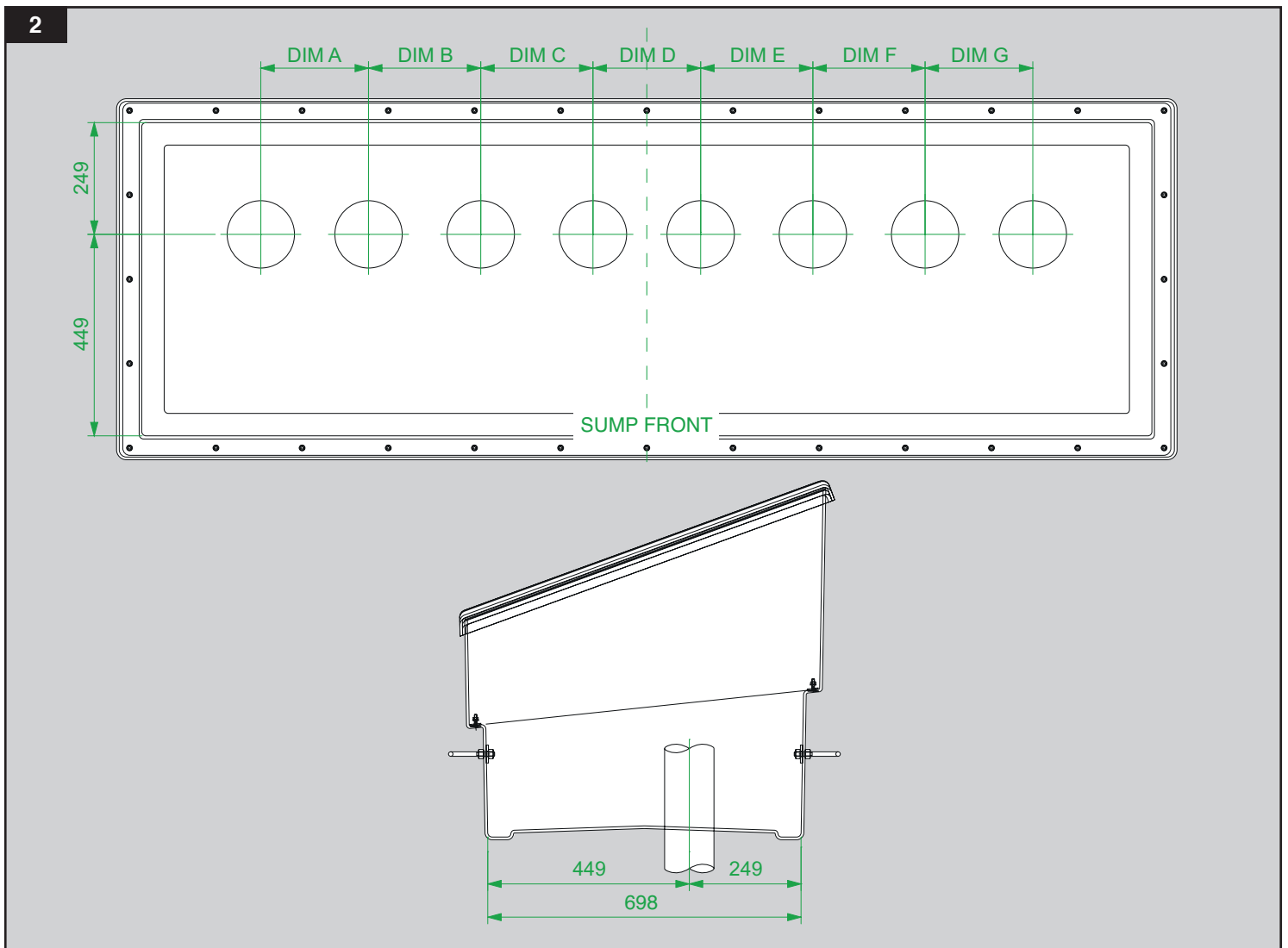
INSTALLATION INSTRUCTIONS

S22SH-2-AGF Above Ground Fill System

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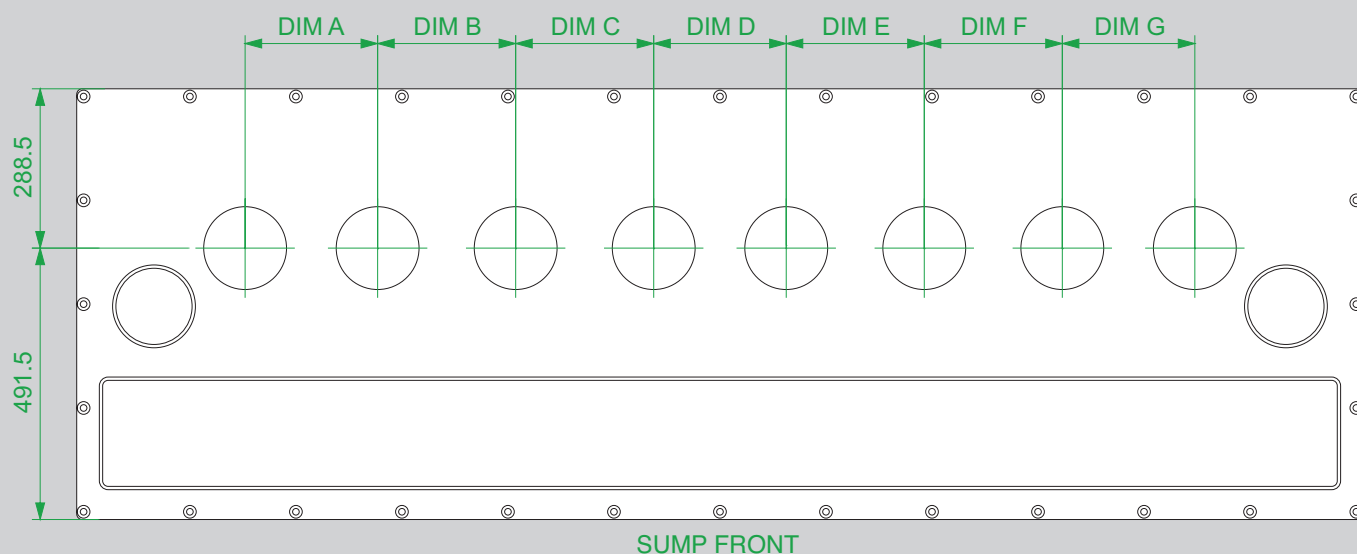


Measure the pipe riser distances A, B, C, D, E, F and G.



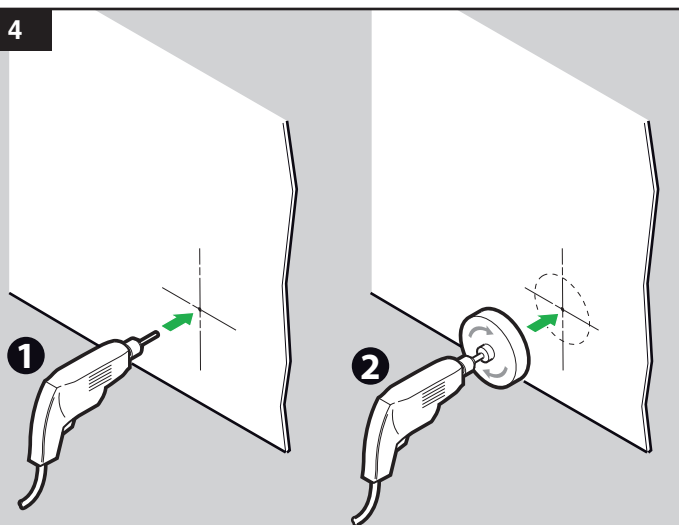
Mark out the required number of pipes in the sump. The holes are to be set back 449mm from the front of the sump base and 249mm from the back of the sump base.

3



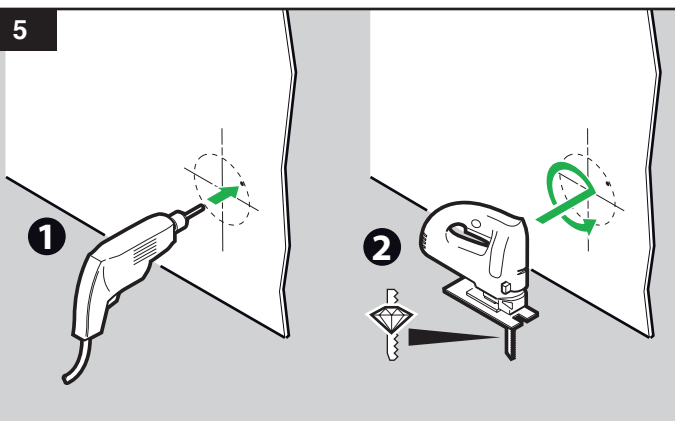
Mark out the required number of pipes in the spill container. The holes are to be set back 491.5mm from the front of the sump and 288.5mm from the back of the sump base.

4



Drill a pilot hole to ensure the hole saw can be positioned and used safely.

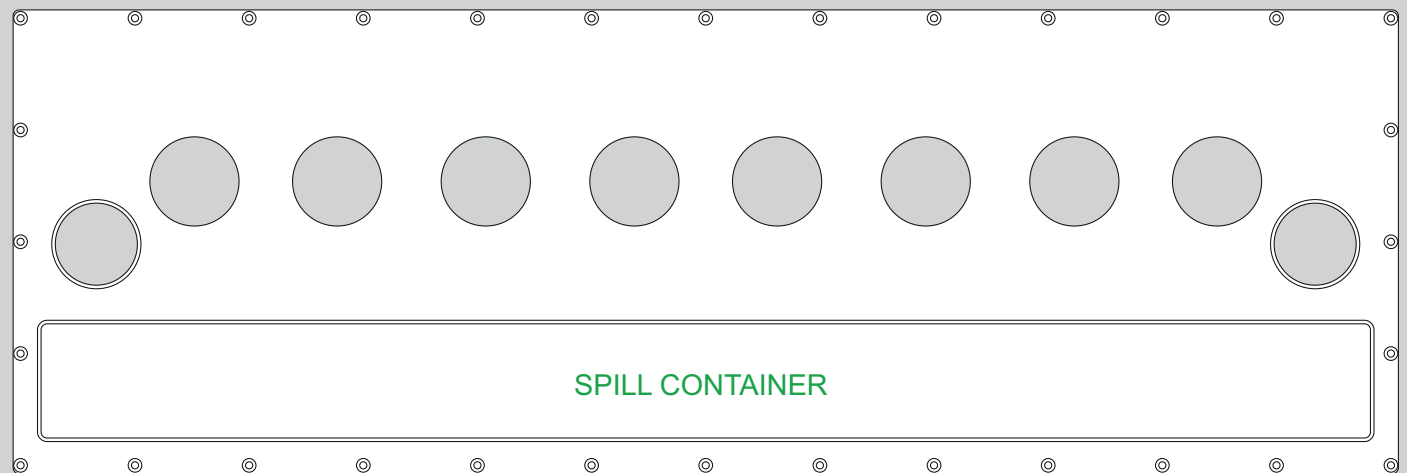
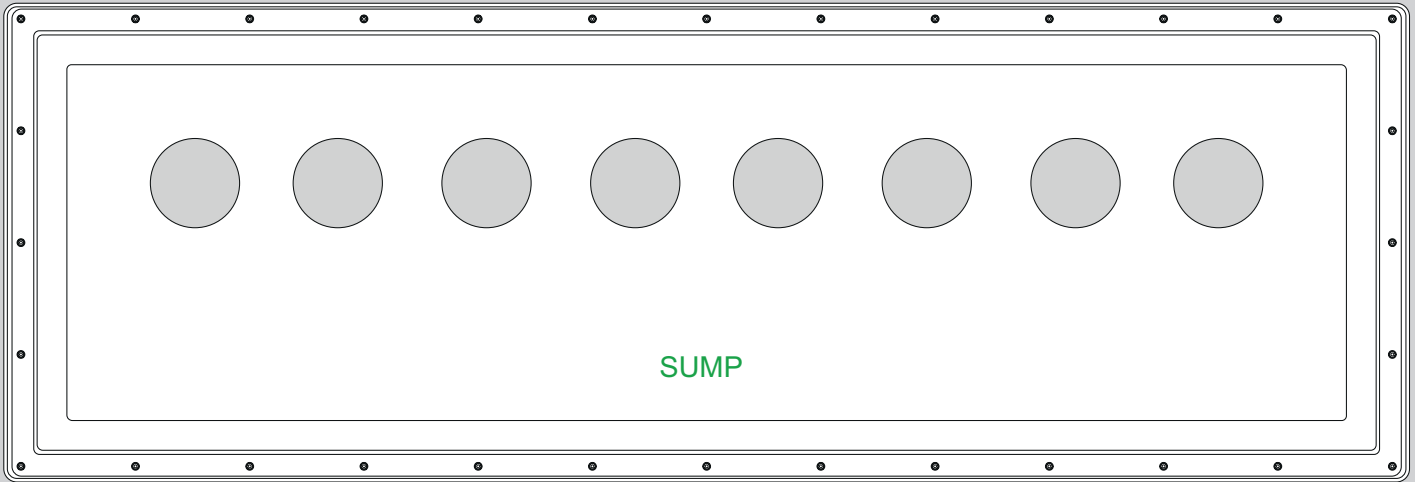
5



For larger holes (190mm) we recommend that the hole is marked and jigsaw is used to cut the hole. Firstly, drill a hole through the wall, so the jigsaw can be inserted and used easily and safely.

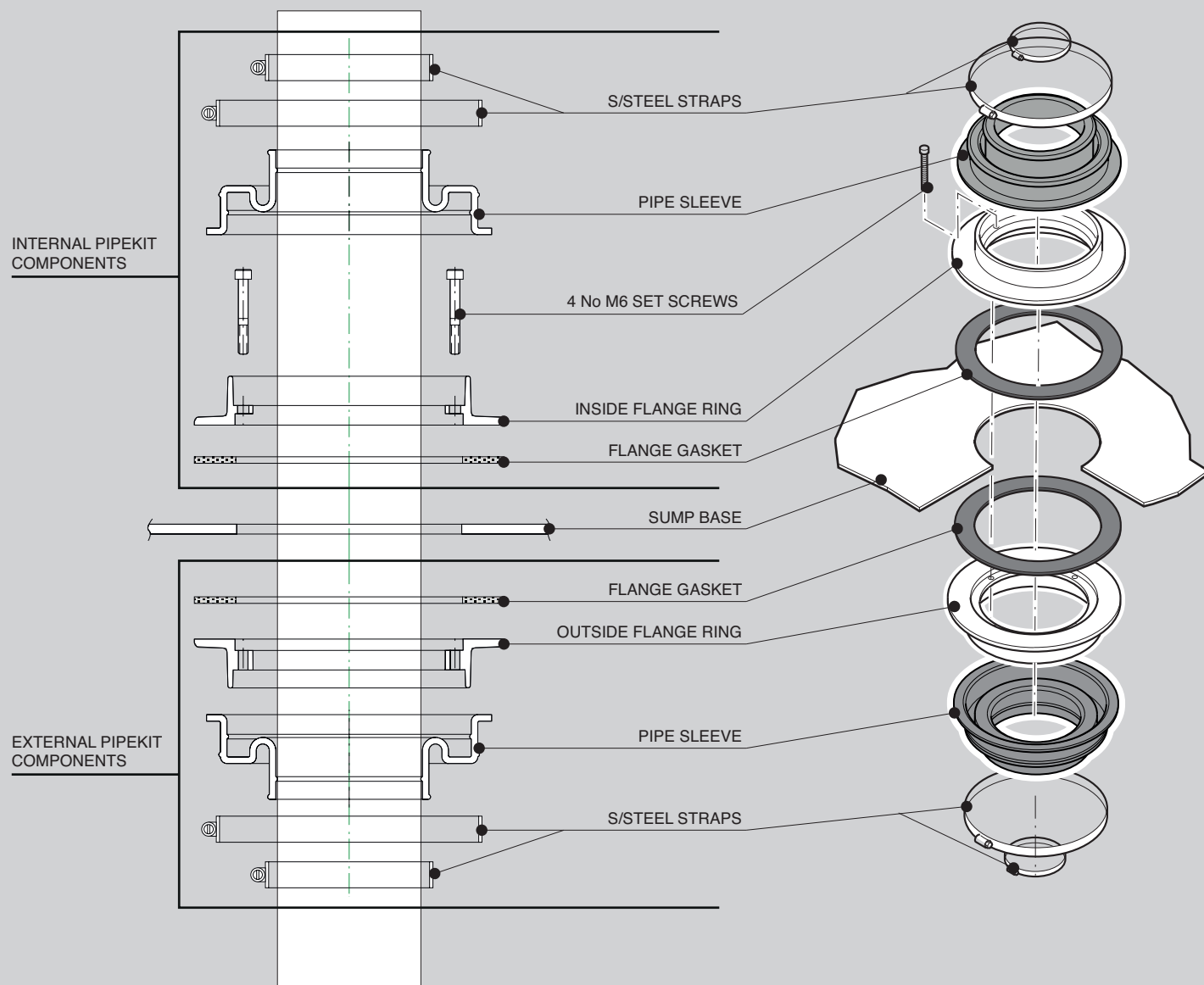
(Fibreglass will blunt normal blades very quickly, we recommend diamond tipped blades or blades to cut ceramics).

6



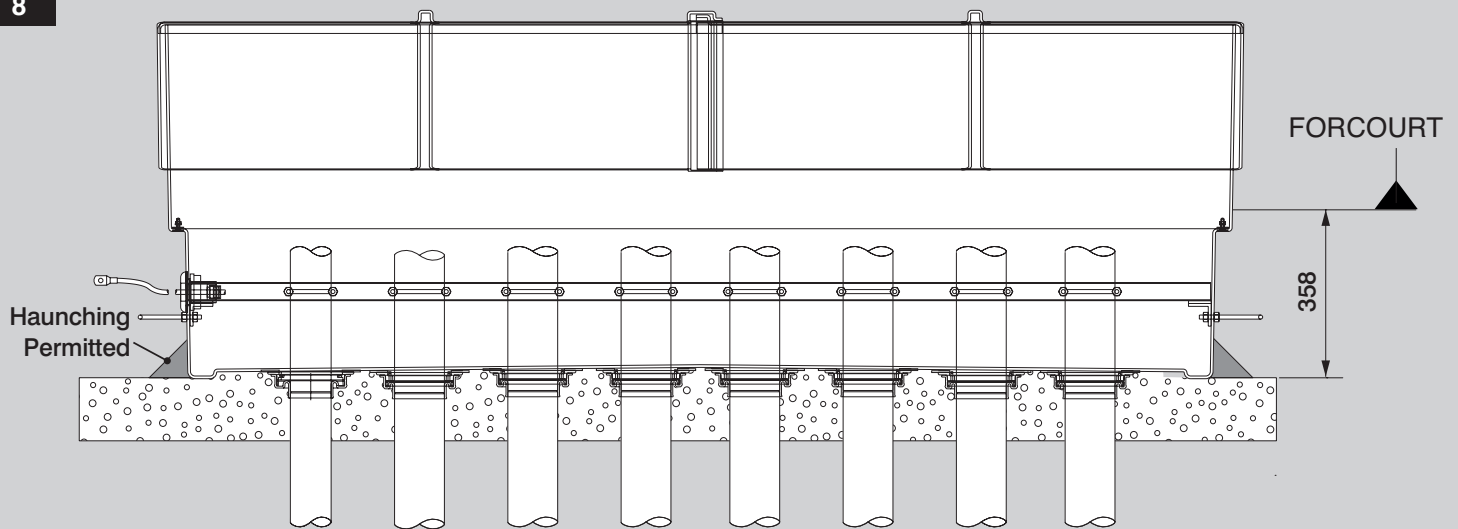
Drill the marked holes in the sump and spill container at Ø138mm.

7



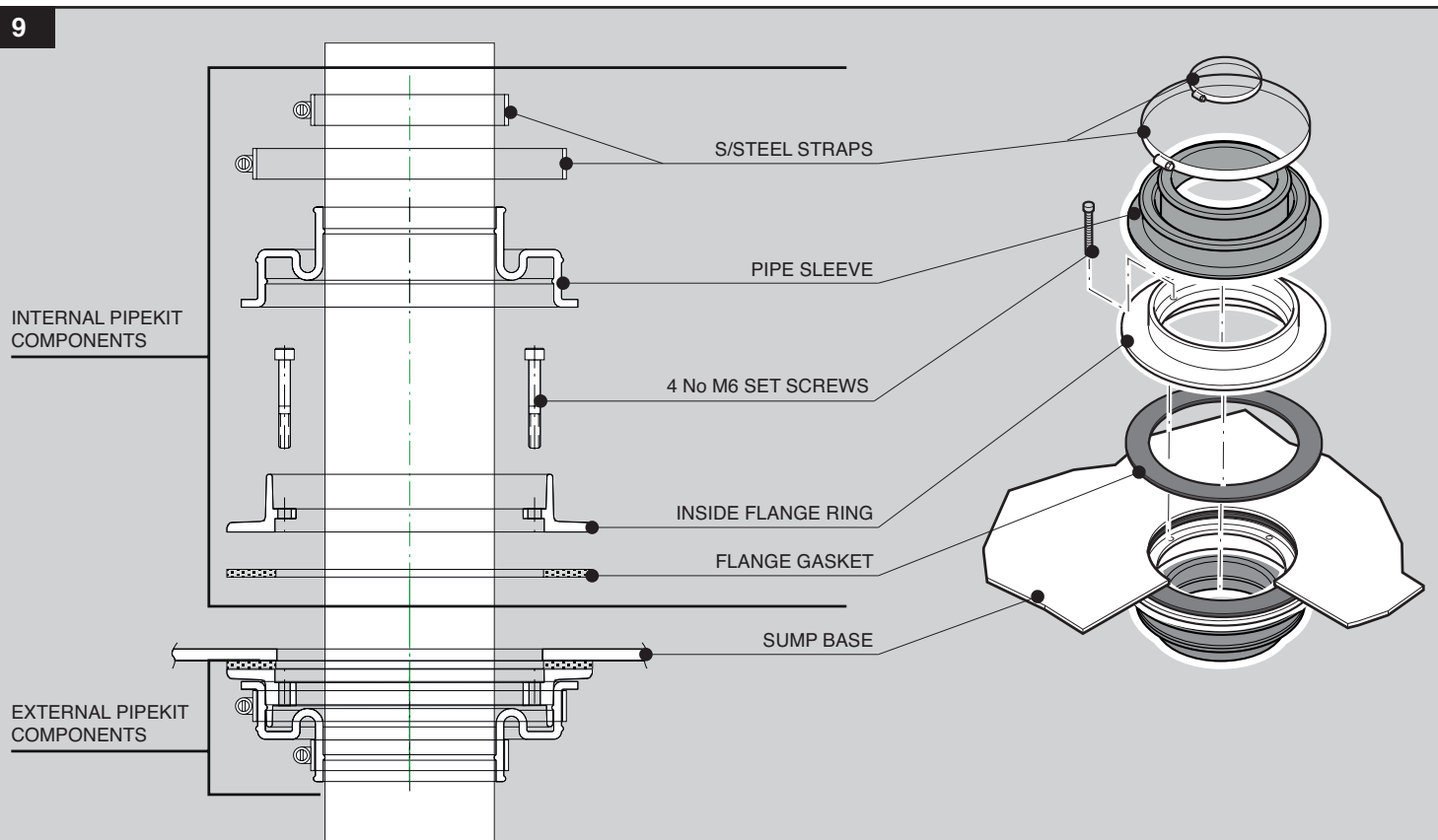
Insert the external pipe sealkit components onto the pipe risers. PSBD-110VITON for the fill risers and PSB90VITON for the VR1b riser.

8



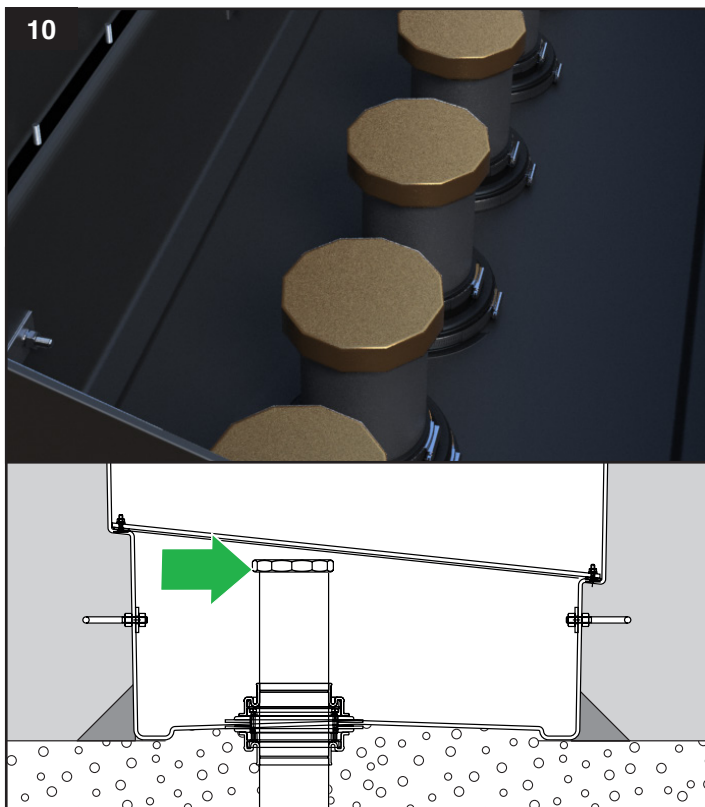
Insert the sump onto the riser pipes at the correct height ensuring that it is level. Measurements from the external base of the sump to forecourt level must be adhered to.

9



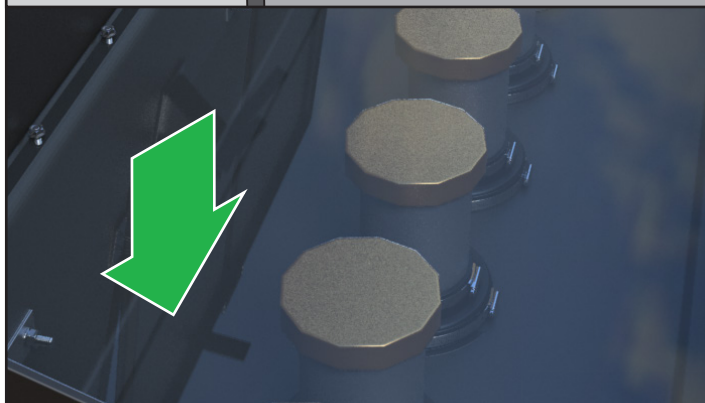
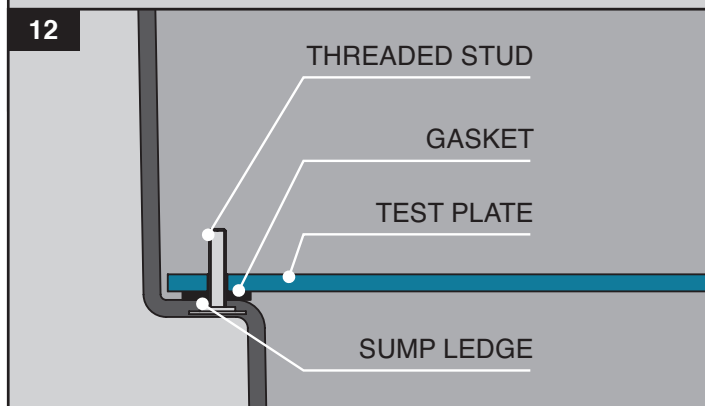
Insert the internal pipe seal kit components onto the pipe risers and secure external and internal pipe seal kit components. PSBD-110VITON for the fill risers and PSB90VITON for the VR1b riser.

10



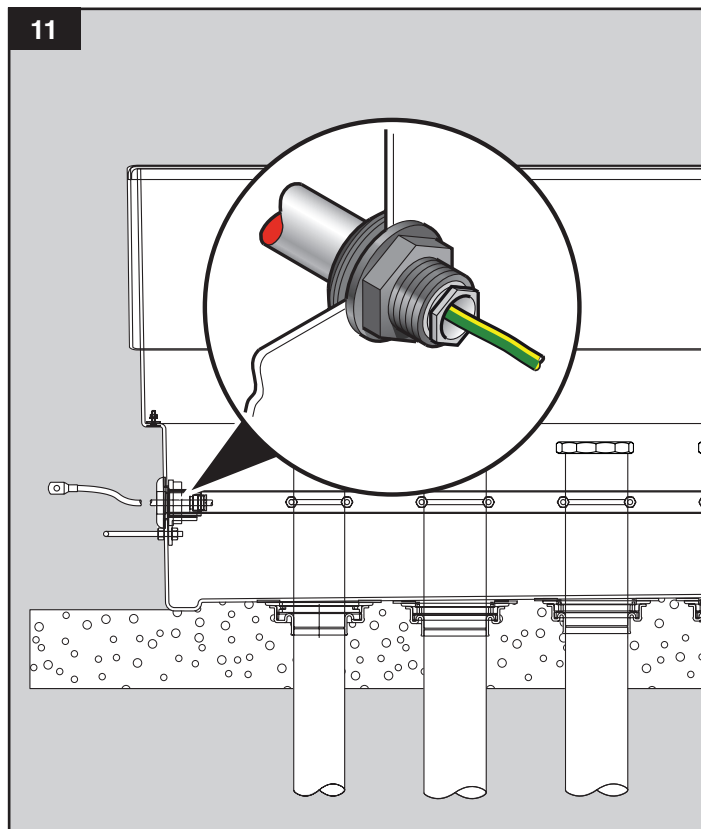
Plug off the 'open' pipework. NB: The pipework cannot be completed until this test has been completed.

12



Locate the test plate over the threaded studs on the sump ledge and fit.

11



Make all electrical penetrations and connections inside the sump.

13



Connect the vacuum hoses to the plate and commence test. The test module must only be set to a depth setting of 0.6m.

INSTALLATION INSTRUCTIONS

S22SH-2-AGF Above Ground Fill System

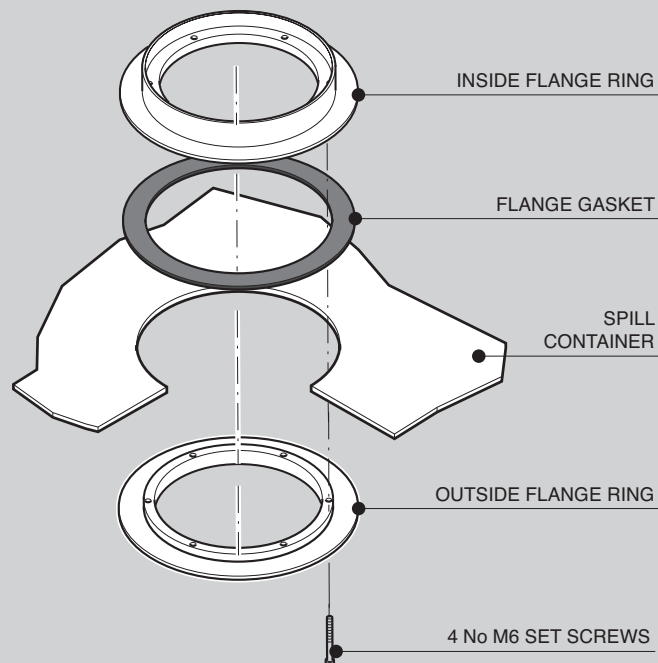
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14



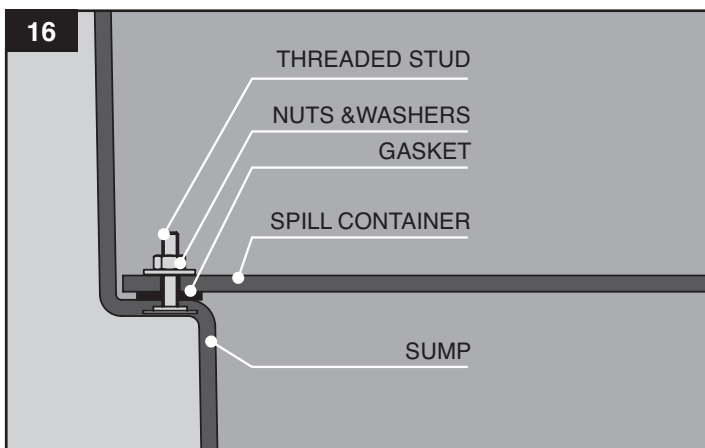
Once the test has been successfully passed, remove the spill container and pipe plugs.

15



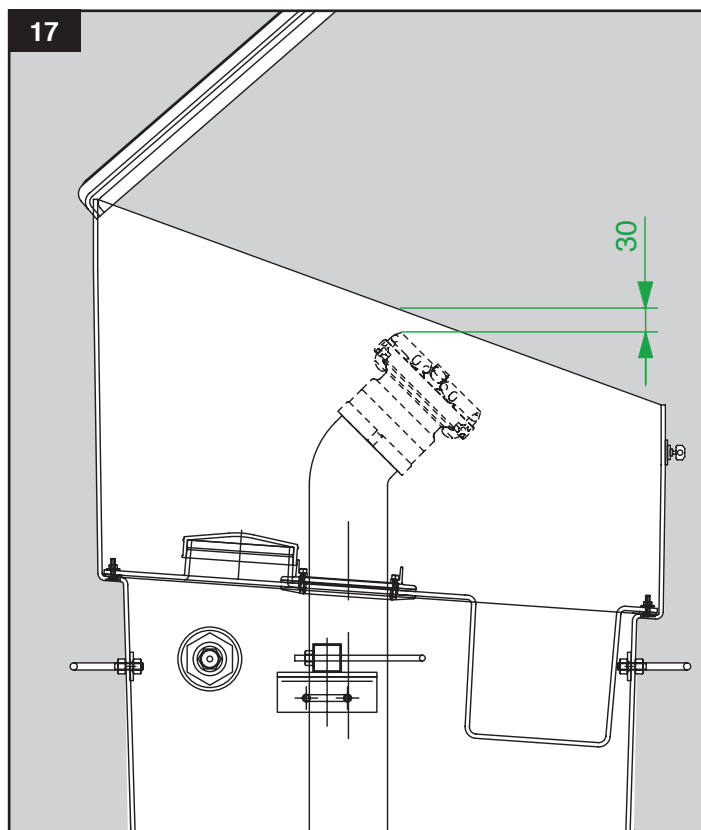
Fit the above pipe seal kit components onto the spill container.

16



Fit the spill container ensuring that it is securely fitted to the sump with the gasket, bolts and washers.

17



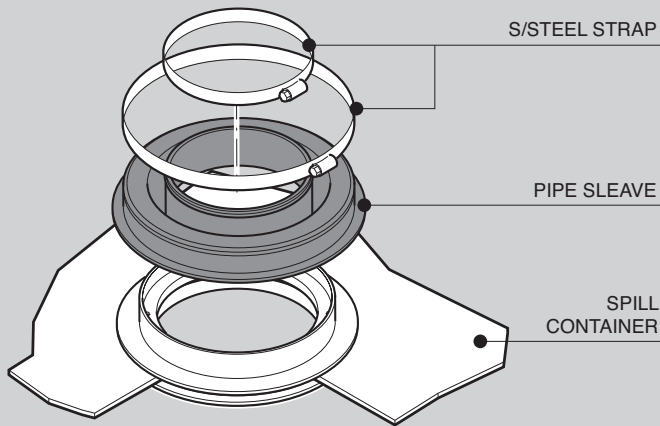
Cut the riser pipes at the threaded base so there is a minimum of 30mm clearance from the top of the caps to top of the sump.

INSTALLATION INSTRUCTIONS

S22SH-2-AGF Above Ground Fill System

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18



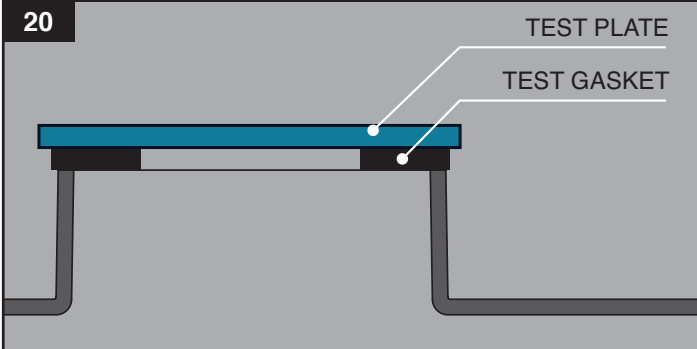
Secure and seal the risers by fitting the above pipe sealkit components onto the spill container.

19



Fit the fill and VR1b caps.

20



Remove one of the inspection caps and replace it with the test plate and gasket. Ensure the other one is securely fitted.

21



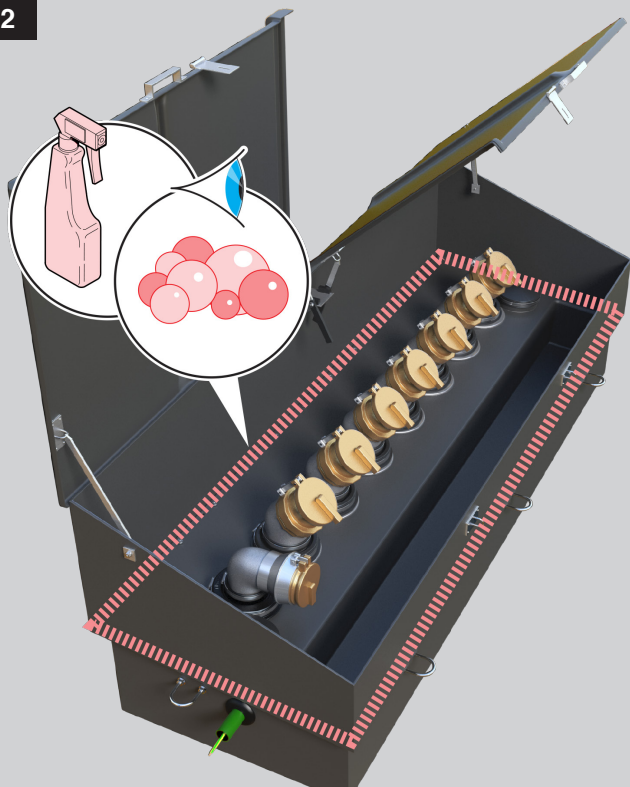
Connect the vacuum hoses and commence the test. The test module must only be set to a depth setting of 0.6m.

INSTALLATION INSTRUCTIONS

S22SH-2-AGF Above Ground Fill System

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22



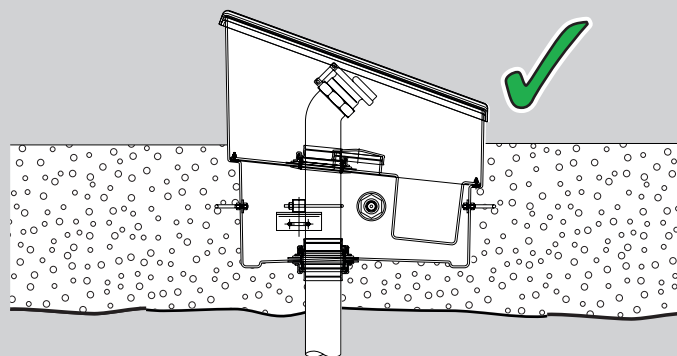
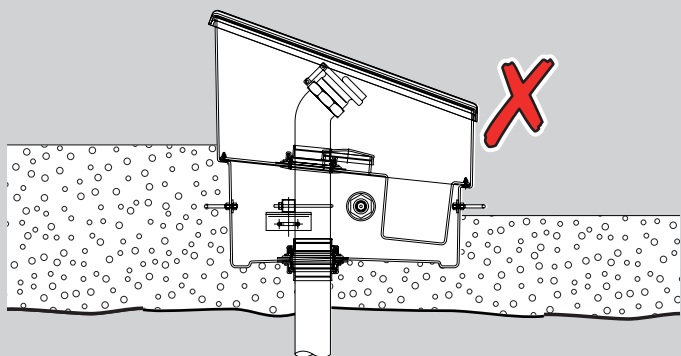
Leaks can be detected by spraying coloured dye on the outside of the spill container during the vacuum testing.

23



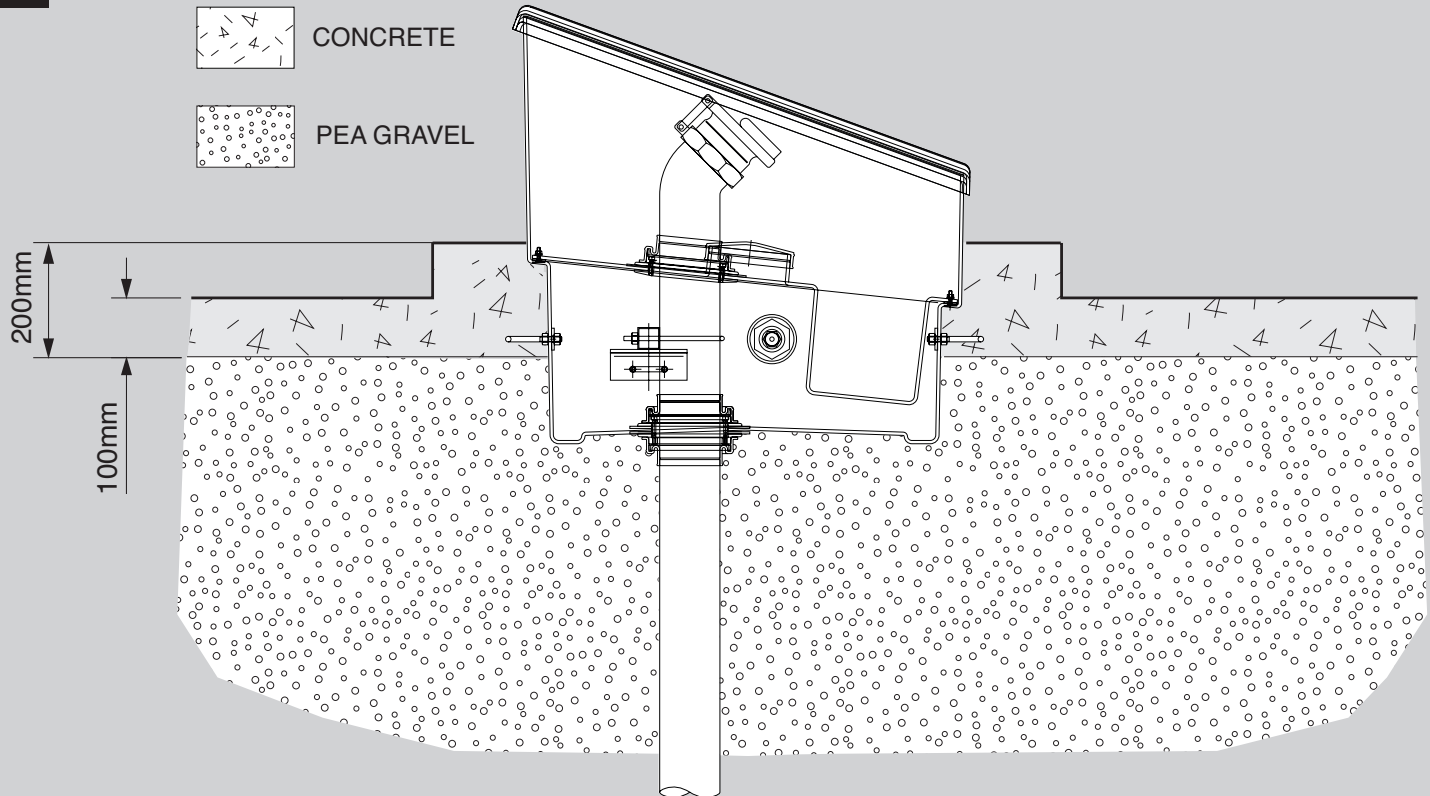
Remove the test plate and test gasket and replace the inspection cap.

24



Carefully backfill the area around the sump with peagravel or sand. Backfill equally around the sump in layers to prevent damage or deformation.

25



Lay concrete to the required specifications with 100mm step up from forecourt level.

