



2000 ltr CONCRETE GREASE ARRESTOR

Models 540, 1000, & 2000

INSTALLATION & MAINTENANCE

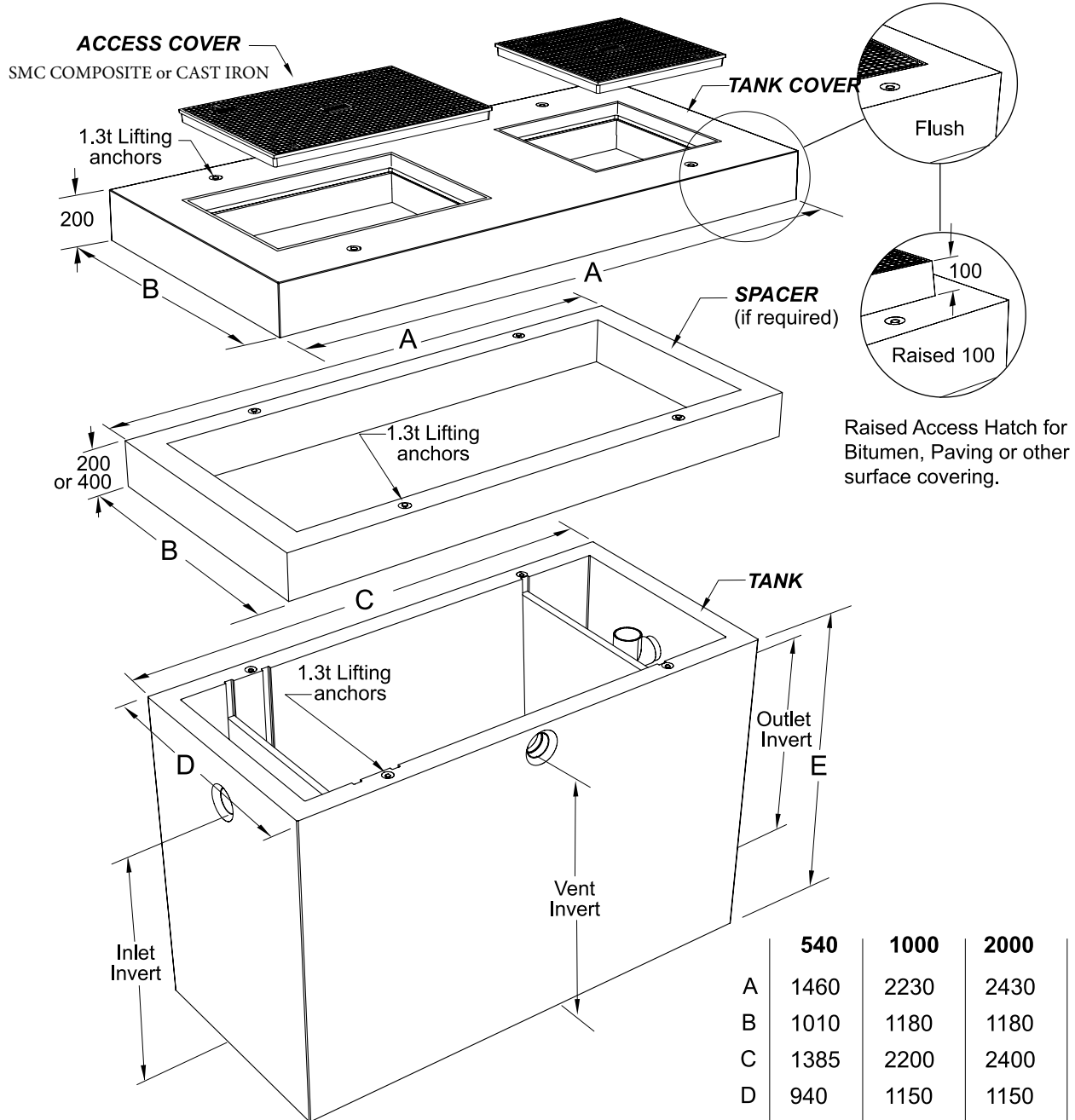


Fig 1

	540	1000	2000
A	1460	2230	2430
B	1010	1180	1180
C	1385	2200	2400
D	940	1150	1150
E	980	1130	1530
Inlet Invert Level	720	820	1250
Vent Invert Level	850	950	1360
Outlet Invert Level	690	770	1200
Cover A class weight	544kg	968kg	1092kg
Cover C class weight	565kg	1019kg	1138kg
Spacer 200mm weight	255kg	370kg	412kg
Spacer 400mm weight	-	-	854kg
Tank weight	1168kg	2292kg	3296kg

Dimensions in mm



2000 ltr STAINLESS STEEL GREASE ARRESTOR

Models 540, 1000 & 2000 INSTALLATION

NOTE - Vent is needed on outlet if using a sealed inspection cap.

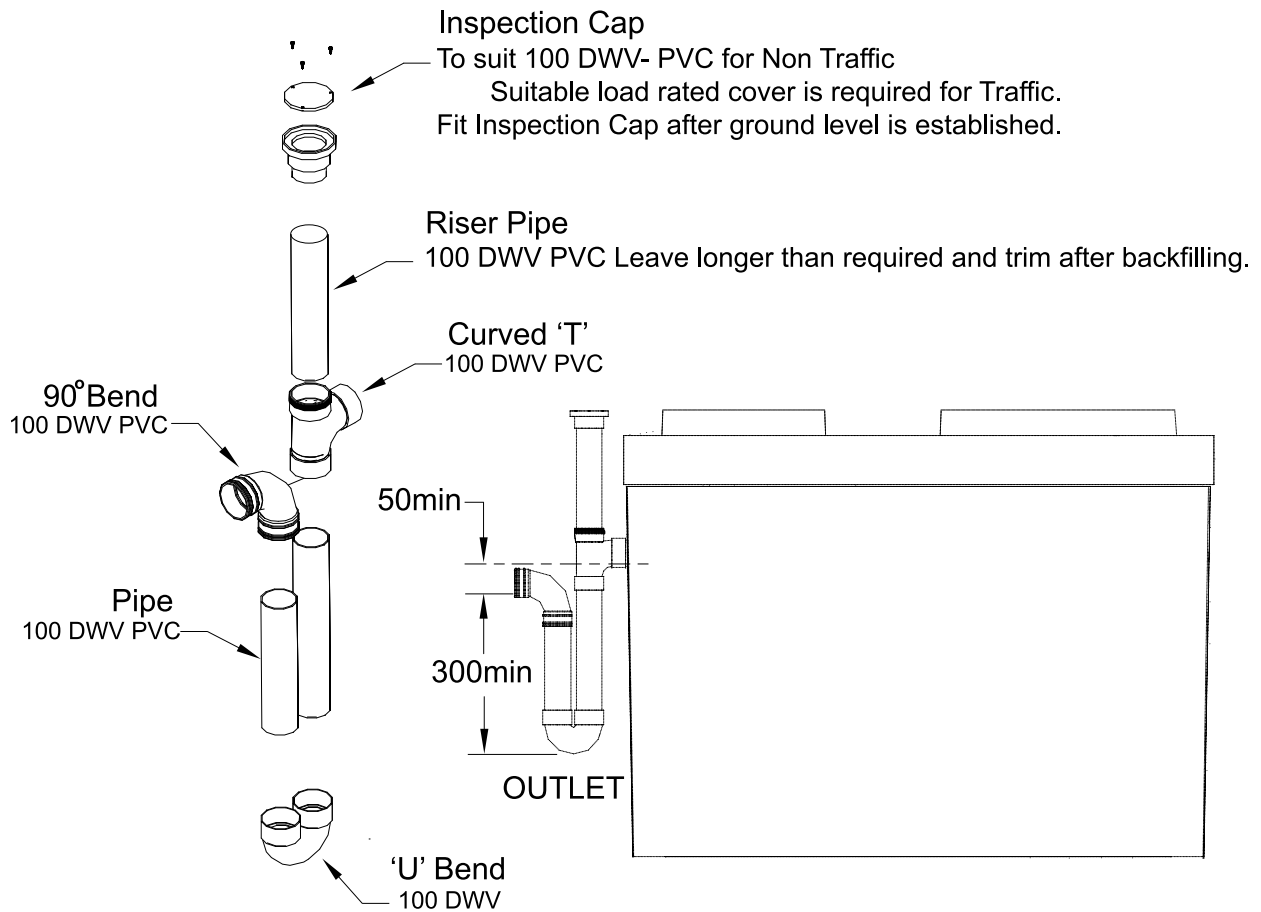


Fig 2

OUTLET ASSEMBLY
Not Supplied

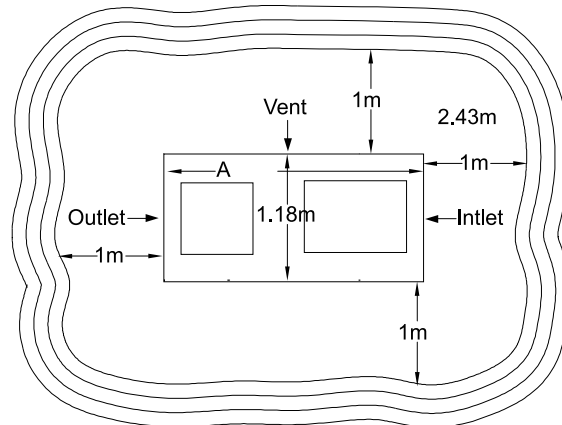
The outlet piping arrangement is the responsibility of the installing plumber and be fitted as per **Fig 2**. All pipe fittings are glued PVC and shall be primed and glued using suitable products..



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The position, orientation and depth of the Grease Arrestor will be determined by the waste pipe direction and invert level. Consideration must be made for Vacuum Tanker access to the unit. The Access Covers must be at ground level or slightly higher to avoid stormwater pooling on top of the Grease Arrestor. This may require a Riser between the Tank and Cover to achieve this (Fig 5). 200mm and 400mm Risers are available at Galvins.



	A	B
540Ltr.		
1000Ltr.		
2000Ltr.	2.43m	1.18m

Fig 3.

Excavate the hole to the determined depth allowing for 50mm of bedding sand at the base. If possible allow 1 metre clearance around the Grease Arrestor to allow room for Compacting and the fitting of the Outlet Pipe arrangement (Fig 2). Compact the base of the hole (specification on page 4) ensuring the base is level and free from rocks and particals. Cover the base of the hole with clean sand. Compact and screed the base level and to the correct depth.

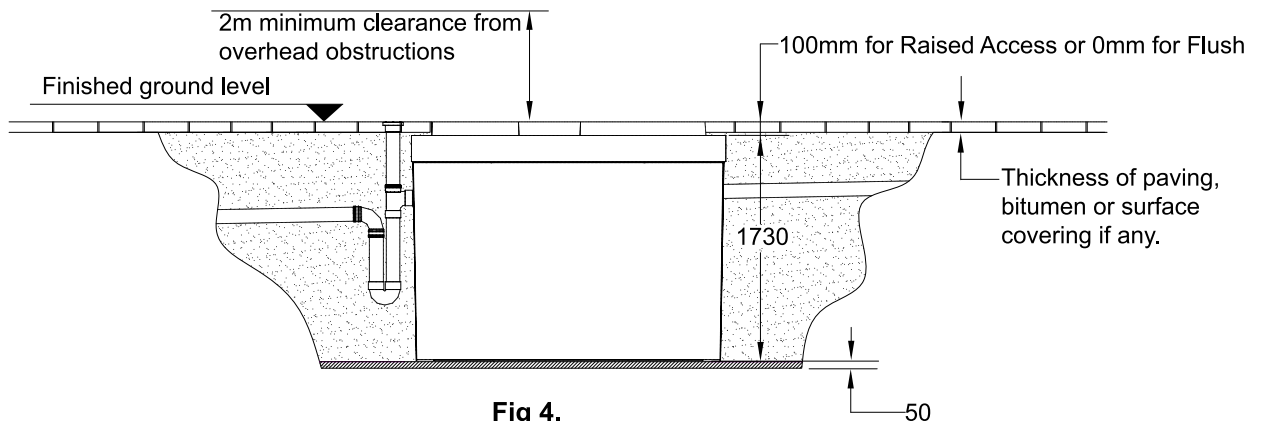


Fig 4.

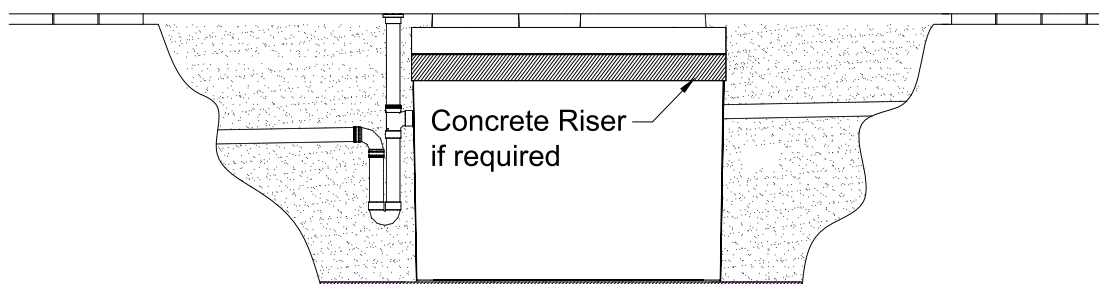


Fig 5.



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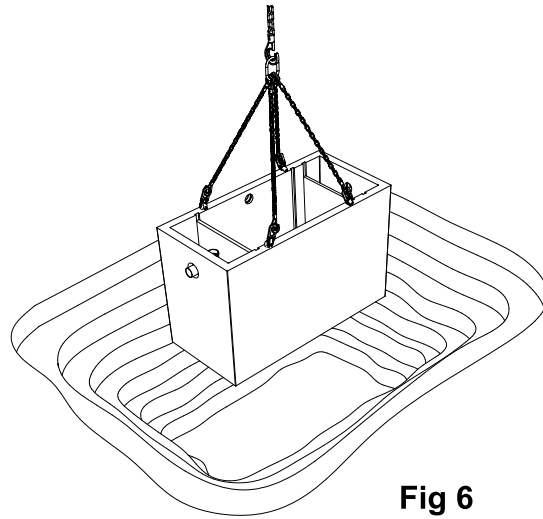


Fig 6

Lower the Grease Arrestor into the hole using 1.3t Swiftlifts
Ensure the Tank is level and at the determined depth.

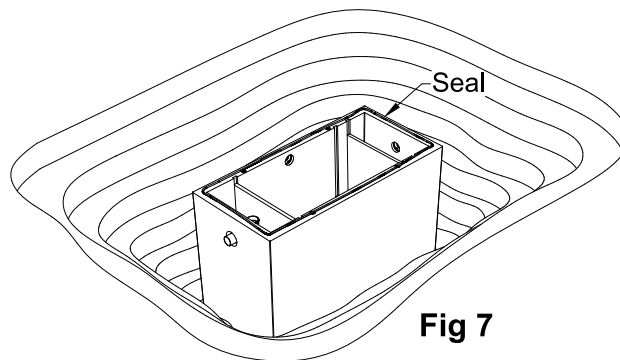


Fig 7

Fit 'Bostic' tape seal (supplied) to the top edge the
tank. Ensure there are no gaps and free from sand.

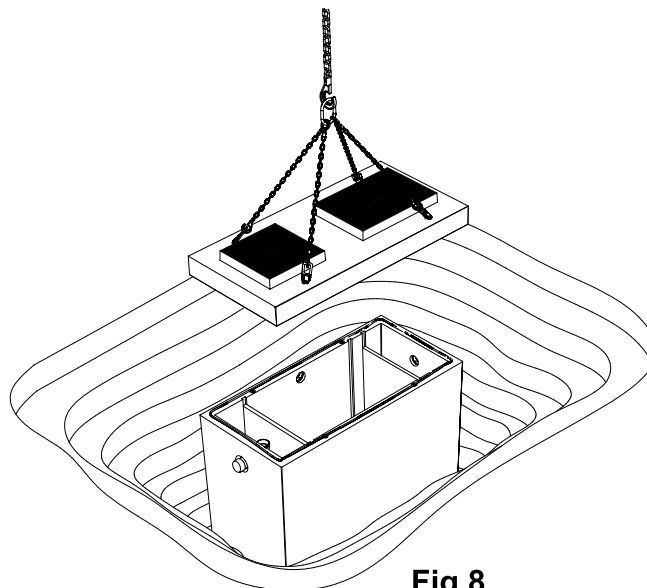
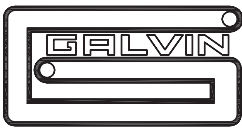


Fig 8

Lower the Cover using 1.3t Swiftlifts.
Check the orientation of the Cover before placing.



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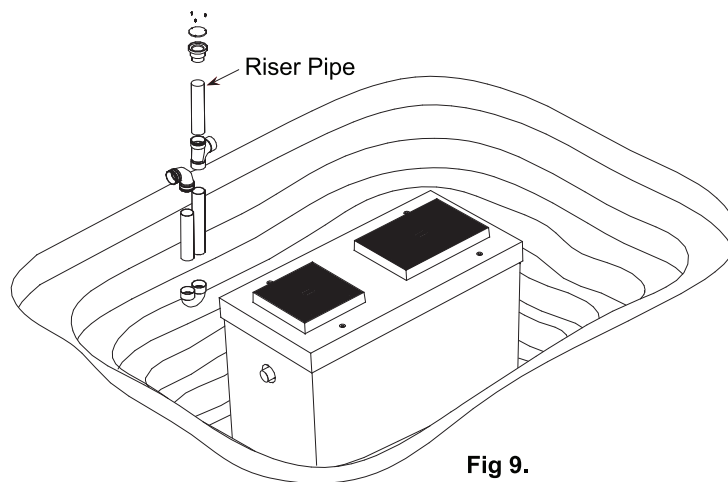


Fig 9.

Glue together the P-Trap outlet pipe arrangement. **(Fig 2)** Leave the Riser longer than required and do not fit the inspection fitting. Glue P-Trap arrangement to the Tank. Cap or tape Vent, Inlet and Outlet pipes to ensure no sand enters the pipework or Tank.

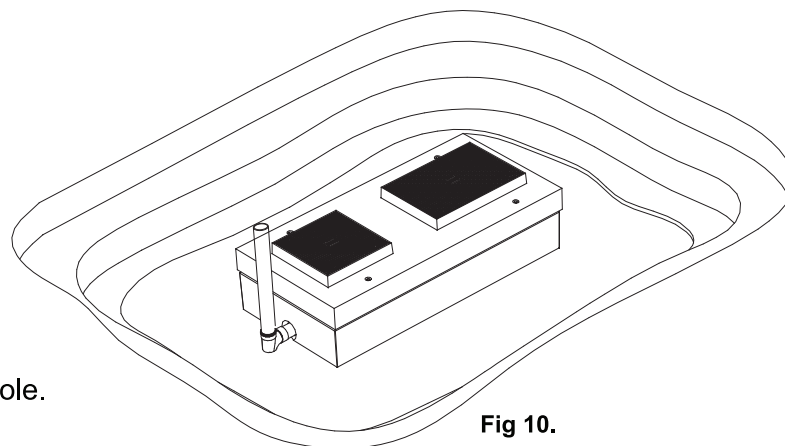


Fig 10.

Backfill the hole.

Fill material:

Fill material shall be placed and compacted in successive horizontal layers of loose material, not less than 150mm and not more than 300mm in depth unless otherwise noted.

At the time of compaction of each layer, the moisture content of the material shall be 2% of optimum.

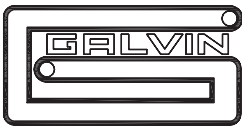
Each layer shall be watered or aerated to attain the necessary moisture content so the specified degree of compaction can be obtained.

Degree of compaction:

The degree of compaction shall be specified and having regard to the nature of the material to be compacted. The degree of compaction specified is expressed as a percentage of the materials modified maximum dry density (MMDD) determined in accordance with AS1289.5.2.1. For cohesionless materials, the minimum and maximum dry density shall be determined accordance with AS1289.5.5.1 and the density index shall be calculated in accordance with AS1289.5.6.1

Backfill and structural fill compaction:

Unless otherwise specified all fill material shall be compacted to achieve 95% MMDD



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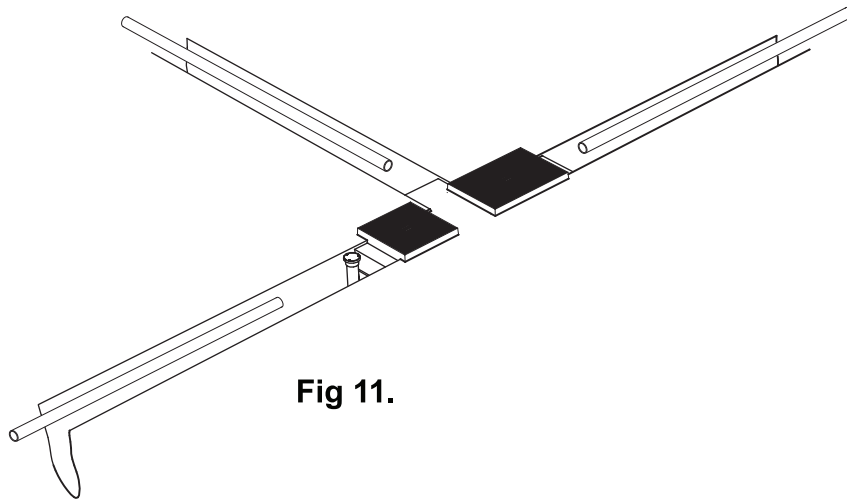


Fig 11.

Cut the Sampling Point riser pipe to finish flush with the Access Covers. Trench and connect all piping. It is a requirement that all Grease Arrestors are to be vented to atmosphere. The Inlet, Outlet and Vent are sized for 100mm DWV, and are glued connections. Connect the Vent as per Water Corporation Guidelines. All Plumbing work is to comply with 'Water Services Licensing (Plumbers Licensing and Plumbing Standards) Regulations and AS/NZS 3500.1 and AS/NZS 3500.2

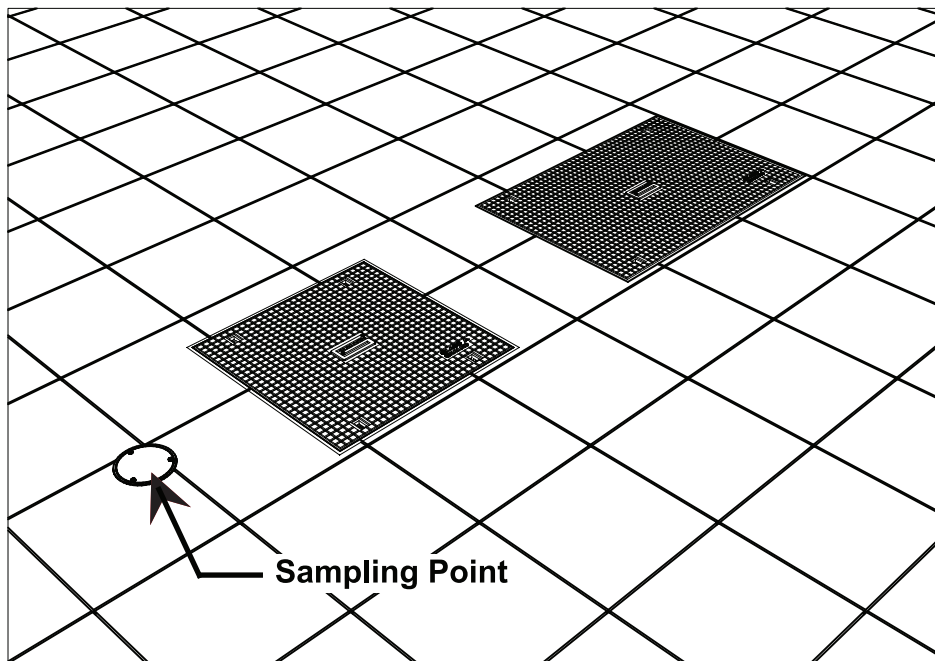
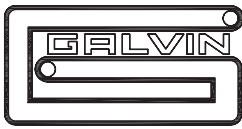


Fig 12.

Finished surface must have Covers and Sample point accessible. A Hose Tap must be located within 6 metres of the Grease Arrestor and fitted with an approved backflow device.



2000 ltr CONCRETE GREASE ARRESTOR Model's 540, 1000, 2000 MAINTENANCE

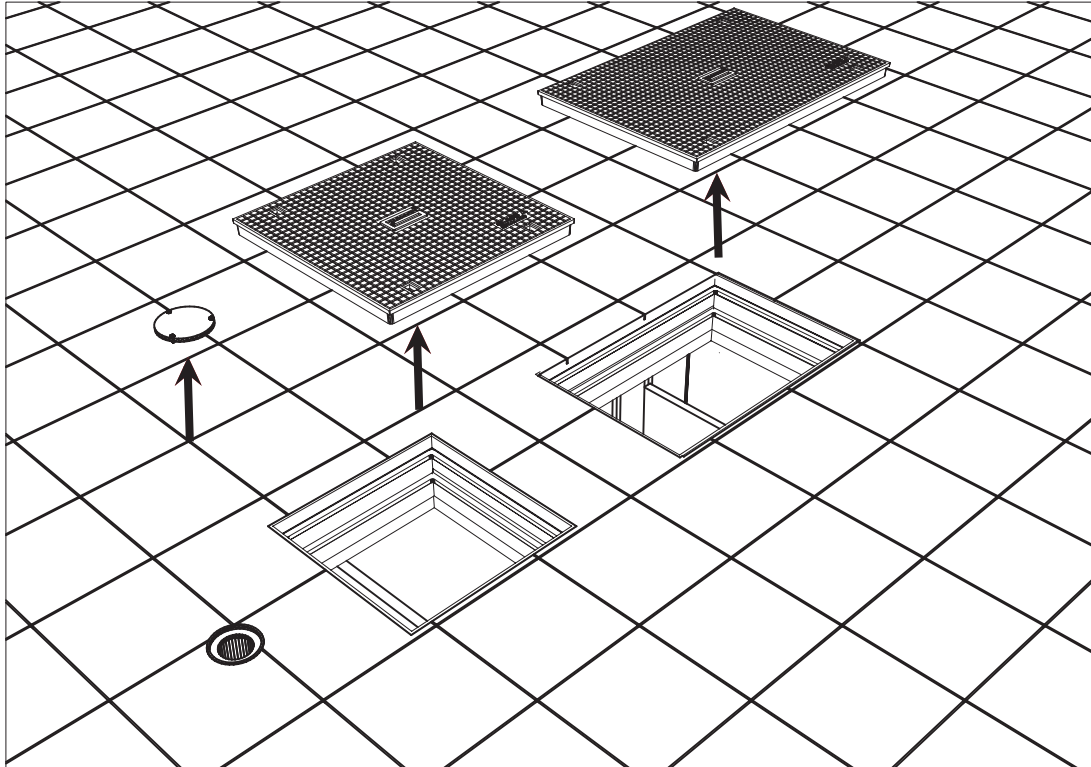


Fig 13.

Regular maintenance is required for the efficient operation of this unit. Access to the Sampling Point is done through the Inspection Cap located Flush with the ground located next to the main Tank Access Covers. Access to the Tank is done by lifting off the cast iron Access Covers using a keyhole lifter. Ensure the sealing surfaces of the Cover are well greased before replacing. Refer to Water Corporation 'maintenance of grease arrestors' brochure.