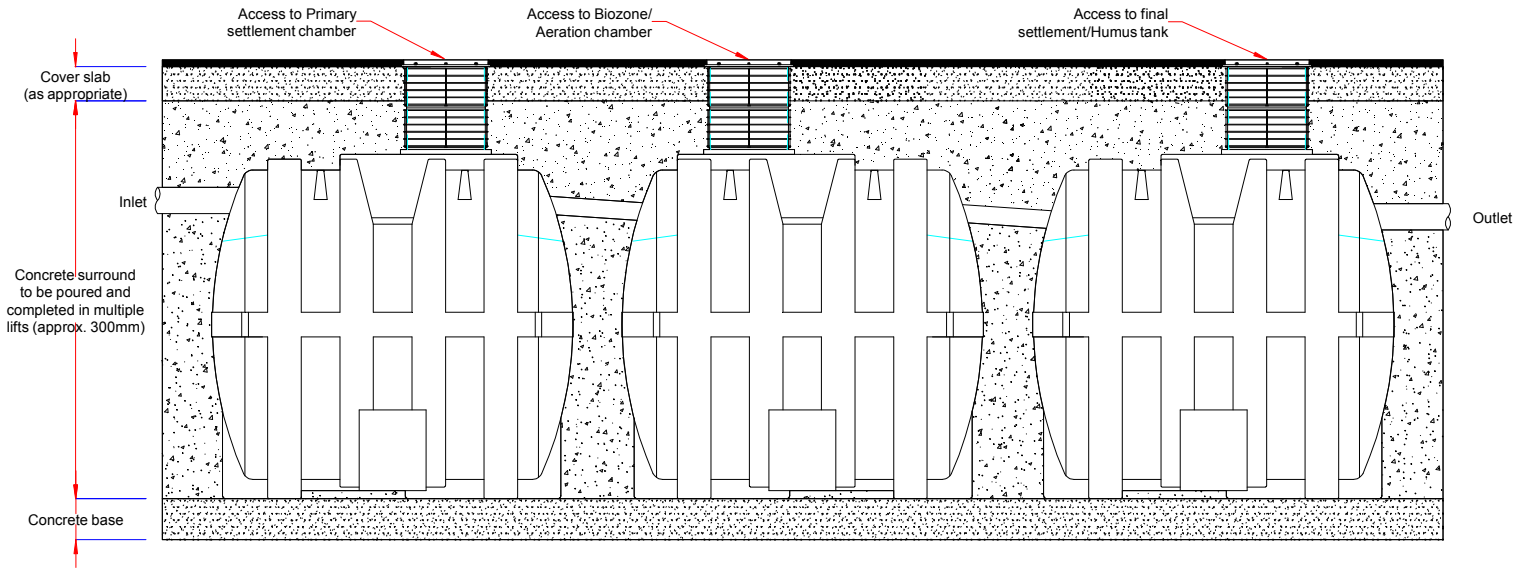

1. This tank is not designed to be subjected to vehicle loading. Wherever this is likely to occur, a load bearing cover slab should be designed by a qualified civil/structural engineer.

2. Care should be taken to fully assess the ground conditions prior to commencement of installation.

3. All electrical work (where appropriate) should be carried out in accordance with regulations (eg NICEIC/Building Regulations).

4. Wherever there is a risk of a high water table/saturated ground/flooding then appropriate measures should be taken to de-water the site during excavation & until such time as the installation is complete. In such conditions, the entire excavtion must be lined with a continuous layer of 1200 gauge polyethylene sheeting which must be overlapped along the top and tied in to ensure that no water can penetrate the liner.

5. Concrete bed (minimum thickness 250 mm with appropriate reinforcement to suit ground conditions) should be laid to uniformly support the entire base of the tank.

6. Lightly tamp and lower tank(s) onto wet concrete, ensuring that levels are correct and that the pipework and ducting is properly aligned.

7. Fill the tank(s) with clean water to a level of approximately 300 mm (12") and recheck the pipework levels.

8. Commence backflling evenly surrounding the tank(s) with a minimum of 150 mm (6") concrete and haunching up around the base to a height of approximately 200 mm (8")

9. Ensure there are no voids within the concrete. UNDER NO CIRCUMSTANCES SHOULD A VIBRATING POKER BE USED AND CONCRETE FALLING ON THE TANK(S) SHOULD BE AVOIDED WHEREVER POSSIBLE. If you contravene this warning you may damage the tank(s).

10. Continue filling the tank(s) with water whilst evenly backfilling with concrete, ensuring that the progressive water level remains approximately 300 mm (12") above the concrete level.

11. Using appropriate formwork, continue pouring in lifts of approximately 300 mm (12") whilst ensuring that no voids form beneath or around the modules and pipework and allowing an initial set between each lift.

12. The concrete should completely encase the tank(s).

13. Manhole covers should be installed using a suitably designed cover slab to suit the appropriate loadings.

14. THROUGHOUT THIS ENTIRE PROCEDURE IT IS ESSENTIAL THAT A DRY EXCAVATION IS MAINTAINED UNTIL THE FINAL POUR HAS SET. FAILURE TO DO THIS MAY RESULT IN VOIDS AROUND THE TANK AND SUBSEQUENT TANK FAILURE.

NOTES:

Variable ground/cover levels to inverts can be taken up/adjusted with standard Ø450mm manhole risers (as illustrated).

Ventilation to a suitable above ground external soil stack or high level ventilation pipe should be made to the treatment plant. Provision to make such a connection is provided on tank 2

Concrete: 20-30 N/mm^2 (25 to 50 mm slump)

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TITLE		DWG NO
OM50 Installation detail		GA2201/13
CUSTOMER	DATE	REV
	07/02/2013	0
THIRD ANGLE PROJECTION	DRAWN	SCALE
	gf	Not to scale
	TOLERANCE	SHEET
	+/- 2%	1 of 1