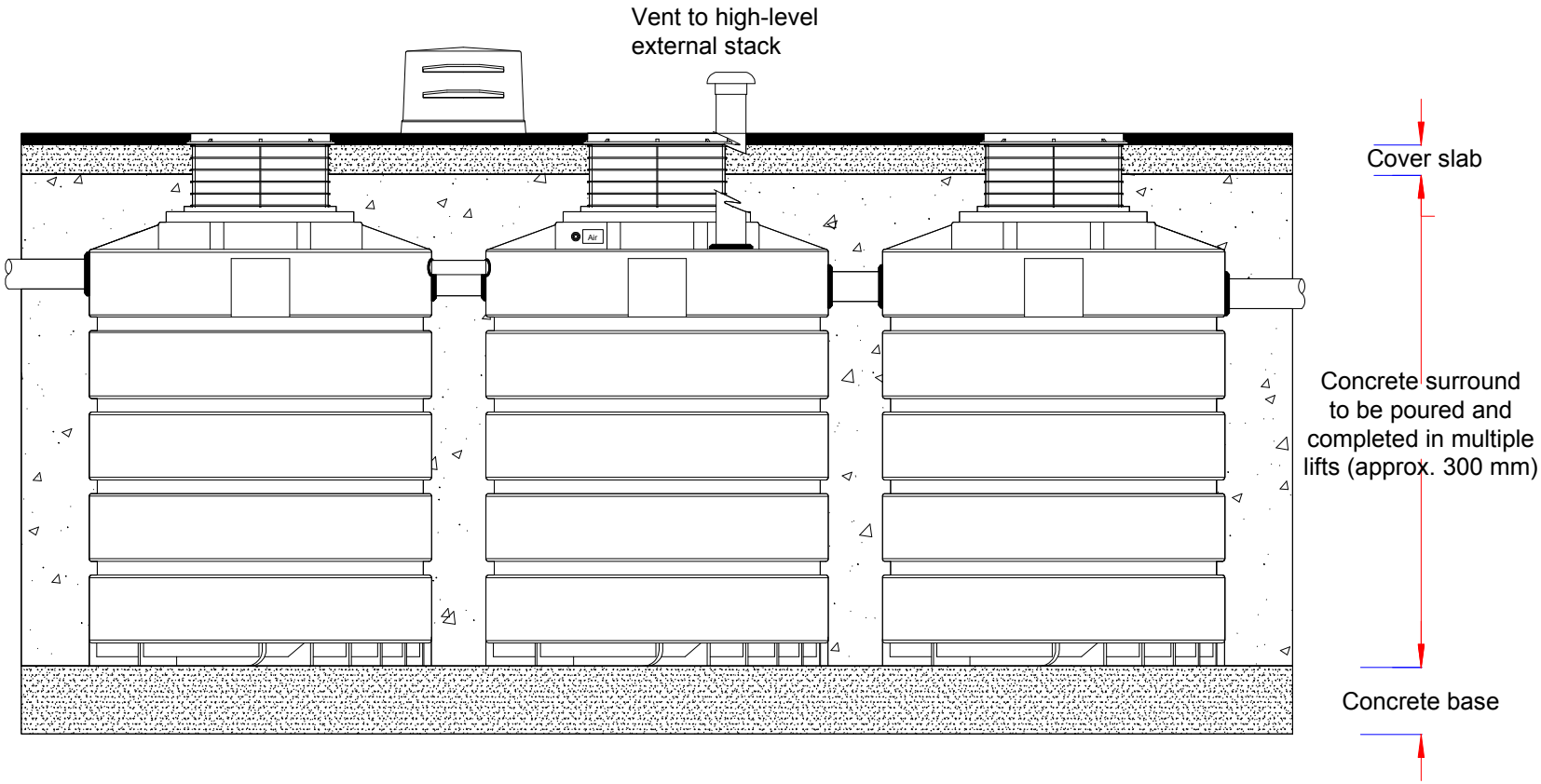

Notes:
1. This plant is not designed to be subjected to vehicle loading. Wherever this is likely to occur, a load bearing cover slab should be designed by a qualified civil/structural engineer.
2. Care should be taken to fully assess the site ground conditions prior to commencement of installation.
3. All electrical work should be carried out in accordance with current 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 excavation 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 of 250mm with appropriate reinforcement to suit ground conditions) should be laid to uniformly support the entire base of each module.
6. Lightly tamp and lower modules onto wet concrete, ensuring that levels are correct and that interconnecting pipework is properly aligned.
7. Fill each module with clean water to a level of approximately 300 mm (12") and recheck the pipework levels.
8. Commence backfilling evenly surrounding the modules with a minimum of 150mm (6") concrete and haunching up around the base to a height of approximately 200mm (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 SHOULD BE AVOIDED WHEREVER POSSIBLE. If you contravene this warning you may damage the tank.
10. Continue filling the modules with water whilst evenly backfilling with concrete, ensuring that the progressive water level remains approximately 300mm (12") above the concrete level.
11. Using appropriate formwork, continue pouring in lifts of approximately 300mm (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 finish level with the main body of the tank.
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.

Oaklands environmental
Moulding a sustainable future

© Oaklands Environmental Ltd 2012.
We reserve the right to change specification without prior notice in line with our policy of continuous development.

www.oaklandsenvironmental.com

PART OF THE OAKLANDS GROUP OF COMPANIES

REV	DETAIL	DATE	DRAWN

TITLE
OM12 General installation guide

CUSTOMER

DRAWING NO	DATE	DRAWN
GA2128/12	17/02/2012	gf

THIRD ANGLE PROJECTION

SCALE: NOT TO SCALE

SHEET: 1 of 1

TOLERANCE +/- 2%

REV: 0