NatSol
COMPOST TOILET SPECIALISTS

CLIENTS' OWN BUILDINGS

Requirements for COMPUS TWIN systems supplied with below ground GRC vaults

We have no problem in supplying the COMPUS TWIN system as a components only kit without a building and do so to about 20% of our clients. However, there are several criteria and limitations we must emphasise about fitting your own building on to our vaults.

If you wish to have the cubicle as DDA Doc M [disabled wheelchair] compliant, the building footprint must be the same as the buildings we manufacture and supply. This will ensure that the cubicle size; and grab rail distance from BOTH toilet pedestal positions meet the current regulations. Our buildings bolt to the vault flange; please see the full installation instructions for this unit at www.natsol.co.uk/install.html or go there from the link on the **products** page. The total loading on the flange should not exceed 750kg evenly distributed. If you intend to build a wooden structure this should not present any problems; but if you wish to build a block or stone building you will have to have the footings outside the vault footprint. You will then need to erect studwork to bring the overall cubicle size back to the NatSol cubicle size if Doc M compliance is required. With a masonry building you would also need to extend the rodding access point on the side of the vaults so that it is still accessible.

The other important issue is the 160mm vent flashing in the roof. Please see the full building drawings which can be downloaded from our website at www.natsol.co.uk/regs.html (or go there from the products page). It is vital that the aperture for the vent pipe is in exactly the same position as our own buildings. Again please see the installation guide. If this is not correctly placed and you have to use 45 or 90 degree bends to get to the flashing you will need to convert to a 110mm fan driven system. This will increase the cost of the components supplied by us and require an electricity supply. The passive venting kit is only 100% efficient with a straight pipe run. If you base the building on our planning drawings and use the same, or similar, method of bolting the vault and building together you should have no technical difficulties.

Note The drawings on our web site are for planning application purposes only and sizes shown are external. They should never be used to manufacture a building prior to vault installation. The attached vault footprint must be used as the template for any client constructed building. If you intend to have a building constructed off site please consult us first.

Update 30/04/10

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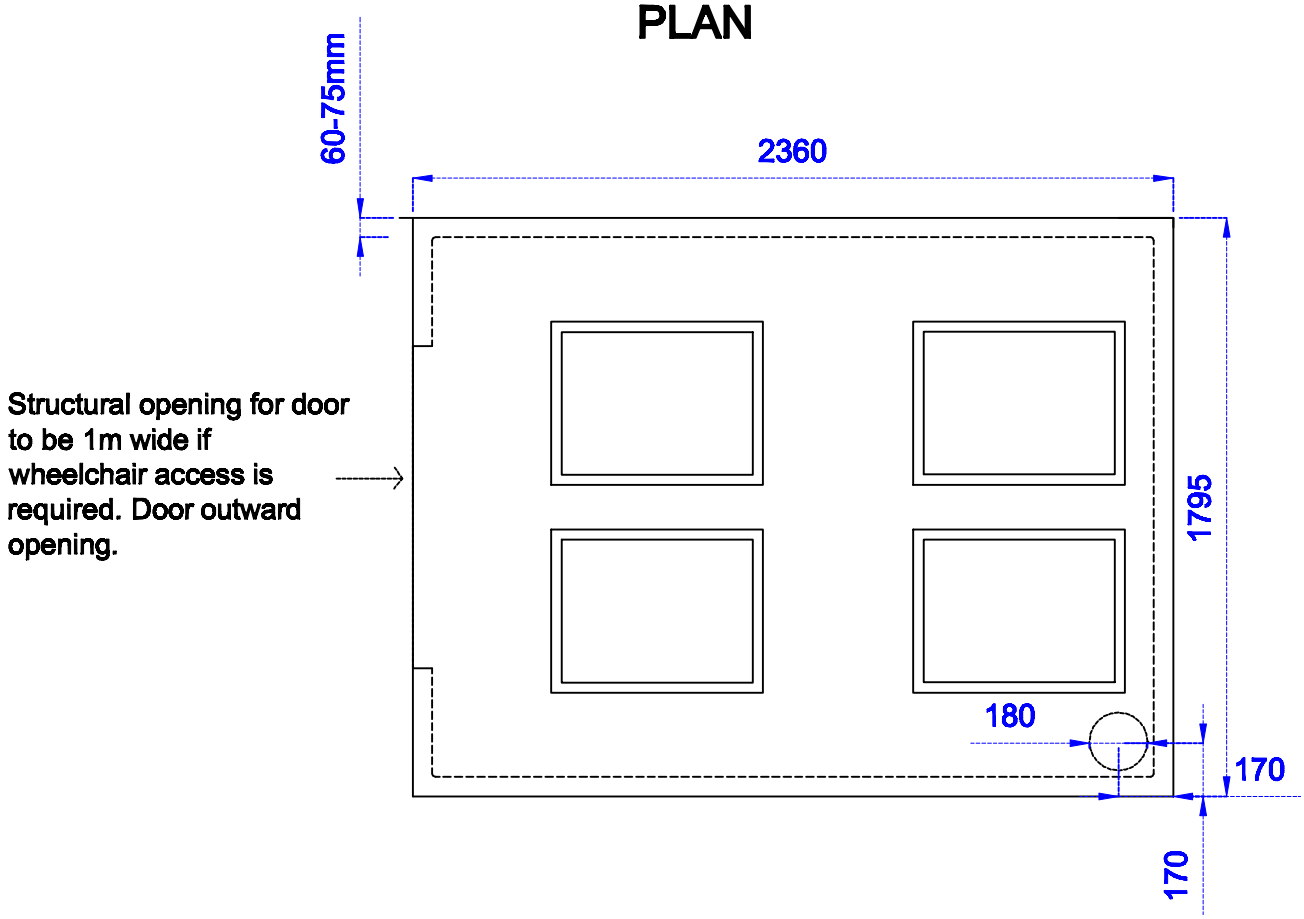
PLAN



NOTES:-

- Building footprint for COMPUS TWIN FULL ACCESS VAULTS.
- Building sole and internal lining boards together must extend between 60 and 75mm over the edge of vault lid as shown. Less than this and the weight of the building may break off the flange. More than this results in too small a cubicle.
- Max building weight 750kg evenly distributed. Avoid pressure points. Use continuous sole on which posts rest.
- Drill vault flange using universal drill bit supplied - DO NOT USE HAMMER SETTING. Drive turbo coach screws with washers (supplied) up through holes into building sole.
- Approach path and landing area outside door should NOT cause rainwater to flow into cubicle as this will enter through the floor hatches.
- The building should have a ventilation slot somewhere since the toilet is passively vented. It is a good idea if this slot occurs at the top of a window pane or around a skylight. Any flies which enter the building will be attracted to light and if a gap of about 15mm is provided e.g. between the top of the glazing material and the window frame, then this can act as an escape route. Do not make gaps larger than about 15mm as small birds may enter the toilet cubicle and start nesting in spring.

NatSol THE COMPOST TOILET SPECIALISTS	Compus Twin Full Access
	Footprint for DIY builders
	Date 23.7.10 | Not to scale
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	Drn. B.Wade