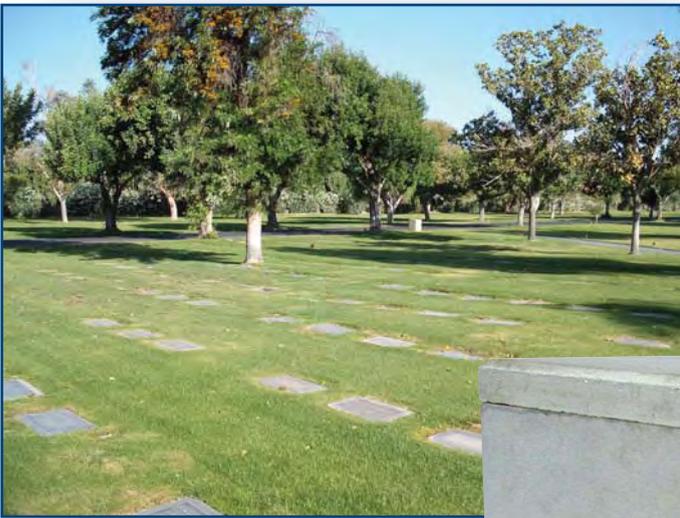


# Flexivault Burial Chambers by CDS



CDS, working with one of the USA's largest chamber manufacturers and installers has designed a burial chamber that provides...

- **Reduced environmental risks**
- **Up to 3 times the burial number per unit area**
- **Reduced management & maintenance costs**
- **Reduced interment costs**
- **A range of memorialisation options**
- **A specification to LACO requirements**



**Over 150,000 installed  
in the USA to date!**



**Cemetery  
Development  
Services**

# Flexivault Burial Chambers by CDS

## Solving Environmental Restrictions

For many Local Authorities groundwater is becoming a major issue in the development and expansion of new or existing cemeteries.

Environment Agency restrictions on the development of sites in areas of high water tables, or in areas in close proximity to abstraction zones or SPZs, have resulted in a number of potential developments being severely delayed, or not being able to proceed.

Flexivault chambers, either single or double units, isolate the potential source of contamination from the surrounding environment.

CDSs in house qualified civil and drainage engineers ensure groundwater is kept below the chamber at all times. This allows burial chambers to be installed in land that would previously not be acceptable for conventional earth burials.

## Space Saving

Many authorities in inner city areas are also finding land availability becoming more and more restricted, requiring every inch to be fully utilised.

Flexivault Chambers can be closely spaced as they are self supporting, the re-inforced perimeter chambers provide strength and protection to the thinner walled inner chamber, maximising the number of chambers that can be installed for any given area. Up to 4800 chambers can be installed per hectare, nearly 3 times the burial number of conventional burial layouts, maximising both burial space and revenue options in areas where available land is at premium.

State of the art machinery and technology ensure Flexivault chambers are installed to unparalleled tolerances.

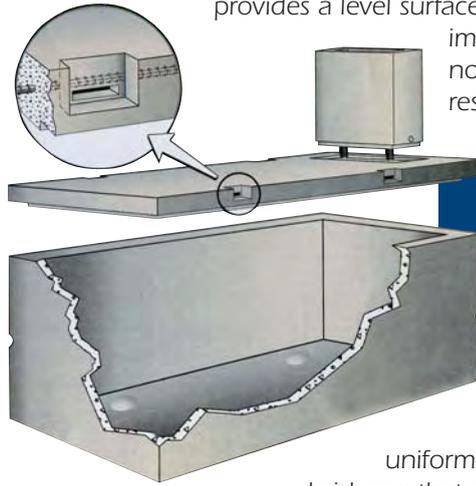
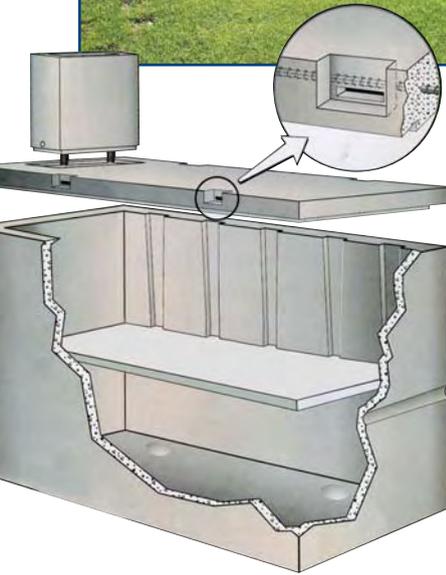
Installation undertaken by one of the UKs leading specialist contractors.





## Reduced Maintenance - No more depressions

Once installed the chambers are covered over with root zone. This provides a level surface after interments. Turf can be re-laid immediately after the lid is replaced allowing normal maintenance and mowing regimes to resume straight away.



## Range of Memorial Options

Memorials can also be erected as soon as the bereaved require, either with the patented headstone container box or a shoe fitting. This headstone system allows uniform, stable and safe fixing with almost zero subsidence that can happen even with certified ground anchor systems in earth burials.



## Interment Simplicity and Speed

CDS provides a choice of lid lifting options, either the DR lifting system with recessed anchors in the top of the lid or with the side lift system. All lifting adaptors and gantrys are supplied by CDS. Interments are made simple quick and effective, plots can be prepared in a fraction of the time with minimum fuss and no requirement for shoring equipment. Grave plots can be reinstated to original levels and surface finish almost immediately after the interment service.



### Lifting Options

DR lifting with recessed anchors in the top of the lid

Side lift system



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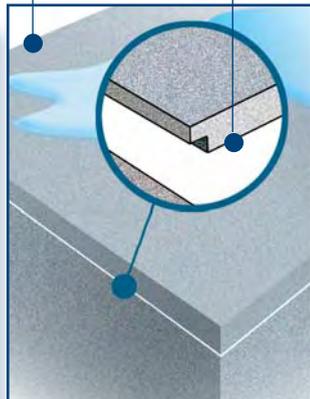
# Flexivault Burial Chambers

## Reduces Risk of Leakage

Slatted lids have the potential for movement and leakage between the joints.



CDS Single piece lids have a unique tongue and groove rim reducing lateral movement and leaks



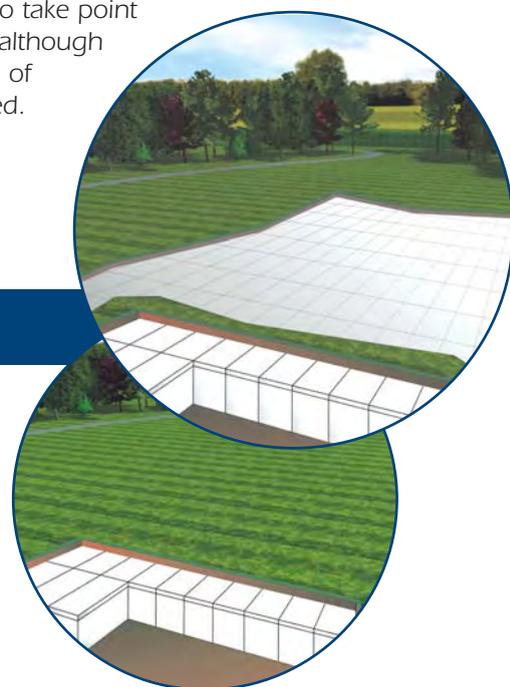
CDS engineers reviewed both slatted and single span lid options and after due consideration it was in the engineers opinion that slatted lids may have a greater potential for leaks and movement. The Flexivault single lid design has a unique tongue and groove rim seal reducing lateral movement and ingress of water from the top.

CDS lids are designed to take point loads of up to 2600kg although tests have shown loads of 5100kg can be achieved.

## Pandemic Planning

The recent scares of Avian and Swine Flu have highlighted the potential risk of a major pandemic. Should the outcome of such a pandemic result in a high mortality rate, Flexivault chambers can provide a genuine burial solution.

The CDS system could be installed under an existing sports ground that can be re-instated for long term play on an improved playing surface. In the event of a pandemic the chambers can be readily accessed for interments without taking soil off site. Either a chip or numerical identification system can be placed on the one piece lid for rapid post pandemic audits.



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