

## Grave subsidence information sheet

### Why do graves sink?

Grave subsidence refers to the appearance of graves 'sinking'. This is an entirely natural process caused by loosened soil settling into place. Grave subsidence is a process that Potton Town Council manages and rectifies, and it should not be cause for concern. A grave can take several years to settle.

### What causes grave subsidence?

The excavation of a grave results in the loosening of the excavated material. When soil is replaced into a grave, it will inevitably contain more air pockets than the compacted soil before excavation. Over time, a backfilled grave will 'sink' as the air pockets escape and the soil settles; this is absolutely natural and practically unavoidable, especially in wet weather. The amount and frequency of grave sinkage depends upon numerous factors, including:

Nature of the backfilled soil, heavy clay soils take longer to settle

- Nature of the surrounding ground
- Depth of excavation
- Amount of rain, or rainwater runoff
- Groundwater levels

Ground subsidence is more likely after an extreme rainfall event or excessive rainfall over a prolonged period of time.

### Why don't gravediggers compact the graves?

The sinkage of the surface of a grave can cause distress to the bereaved, it is a 'natural' phenomenon that affects all cemeteries. Following the backfilling of any excavation, unless sufficient pressure is applied to thoroughly compact the backfilled material to exclude air spaces, the backfilled material sinks. However, in the case of cemeteries, it would not be appropriate to apply such pressure to graves as it would crush the coffin.

### What happens after the burial?

Following the funeral, the grave is backfilled using the soil excavated from it. Graves are left flat and then additional soil is added when sinkage occurs. During the months after the burial town council staff will conduct regular checks of recently backfilled graves, as well as monitoring graves after periods of rainfall. After identifying which graves need top ups, staff will schedule time to carry out these works. Subsided graves will be topped up by our staff until the soil has compacted naturally. A grave may need to be topped up on several occasions over an extended period of time. The soil used to top up a grave is from the cemetery and is sandy soil.

### What to do if you notice grave subsidence?

Sinking graves can be a trip hazard for anyone visiting the cemetery, so you can help us manage any grave subsidence by submitting a request for a grave top up. To assist the process, please take note of the grave's location and other details such as the name on the memorial or area of the cemetery so that we can locate the grave. After identifying the grave, we will log a maintenance request, and a member of town council staff will schedule it in to a series of top ups. Weather permitting, most top ups are completed within ten working days.