



Part 8 Report

Extension to Rossinver Graveyard Co. Leitrim

**On behalf of Rossinver Graveyard Extension Committee in
Partnership with Leitrim County Council**

Prepared by


CST GROUP Chartered Consulting Engineers
1, O'Connell St, Sligo, F91 W7YV
+353 (0)71 919 4500 info@cstgroup.ie www.cstgroup.ie

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Civil
Structural
Traffic

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Report By: 
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Matthew Robb

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Approved By: 
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Stuart Summerfield
Partner

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1. Introduction

CST Group Chartered Consulting Engineers were appointed by Rossinver Graveyard Committee in Partnership with Leitrim County Council to complete the design and Part 8 Planning Application for an extension of the existing Rossinver Graveyard. The proposed works area encompasses a field adjoining to the north of the existing graveyard. The extent of this application is shown on Drawing No. 118248-001 & 102 accompanying this application.

2. Nature and Extent of the Works

2.1 The Proposed works, as outlined on the accompanying drawings will involve:

- i. Construction of concrete footpaths within the boundaries of the site.
- ii. Provision of grave plots, 2.75m x 1.5m, including a 0.6m x 0.1m reinforced concrete headstone slabs to delineate plots.
- iii. Provision of surface water drainage within the proposed works area.

3. Establishment of Internment Depth

Internment depth is defined as the depth of the coffin below the ground level, measured from ground level to the bottom of the coffin.

Site investigations carried out on the 10th of January 2019 identified the sub soils and the water table levels on the site of the proposed graveyard extension. It was established that the existing water table on the site lay between 1.8m and 2.1m below the existing ground level on the day of the investigation.

Leitrim County Council advised, through discussion with the Geological Society Ireland (GSI), Health Service Executive (HSE), and Leitrim County Council's Environment Section that all proposed burials shall be located within the 'Unsaturated Zone' i.e. above the Water Table.

On Behalf of the Rossinver Graveyard Committee, Leitrim County Council sought agreement from the relevant statutory bodies, GSI and the HSE, to agree an internment depth for the proposed graveyard extension. It was agreed that an internment that provides 1m cover between the top of coffin and the ground level was appropriate in this situation as this would maximise the buffer between the bottom of the coffin and the existing water table level i.e. the depth of the unsaturated zone. Based on a coffin height of 18 inches (circa 460mm), which is the industry standard, the resultant internment depth agreed is 1.46m.

Sections showing the existing ground level, the proposed ground levels, historical ground levels, internment depth and the existing water table levels at time of site investigation are shown on the sections accompanying this application.

4. Principal Features of the Proposed Works

- 4.1 Construction of concrete footpaths within the boundaries of the site
The proposed concrete footways will be 1.8m wide and will allow access to the plots by pedestrian traffic.
- 4.2 Provision of 145 No. grave plots, 2.75m x 1.5m, including 0.6m x 0.1m reinforced concrete headstone beam to delineate plots
As discussed in Section 3, the proposed interment depth will be 1.46m. This will ensure that the coffin's lid or upper surface would typically be 1.0m below ground level. Each plot shall be 2.75m x 1.5m and laid out as shown on the drawings accompanying this application. A proposed reinforced 0.6m x 0.1m concrete headstone slab will delineate plots and ensure uniformity in the locating of headstones.
- 4.3 Provision of surface water drainage within the proposed works area
Drainage will be by way of 'French' drains discharging to the ground.

5. Statement of Partnership

A “statement of the partnership”, signed by the sponsoring Director of Services accompanies this application.