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Chartered Engineers • Architects • Planning Consultants

Safety-Led Project Management & Construction Management

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OUR REFERENCE 7597

YOUR REFERENCE

DATE 18.02.26

**Civil Engineering Response Note Surface Water Drainage & Flooding Concerns Proposed  
Extension to Drumcliff Burial Ground ACP Ref: 323742-25**

To An Coimisiún Pleanála

In response to the flooding and soakaway concerns raised by Mr Robert Behan, Mr Pat Tierney and Mr Dermot Queally:

The detailed drainage design for the proposed extension (Drawing No. 7421-200 Rev B, dated September 2025) has been prepared in full accordance with SuDS principles and Objective CDP 2.11(c) of the Clare County Development Plan 2023-2029. All surface water generated on the proposed extension will be captured and fully infiltrated on-site via soakaways and direct infiltration into green areas. There will be no discharge from the site to the public road or any downstream lands.

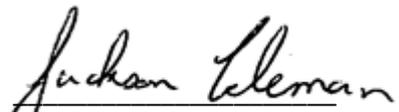
Key elements of the design (as previously submitted with the application and detailed in the Hydrological & Hydrogeological Assessment Report by Hydro-Environmental Services, August 2025) are:

- The site is underlain by 8.5–13.5 m of low-permeability boulder clay, confirmed by trial pits carried out on-site in 2022 and 2025, together with geophysical survey.
- Surface water falling on green (grave) areas will infiltrate directly into those areas.
- Footpaths are sloped toward adjacent green areas or collected via ACO drains and directed to dedicated soakaways.
- Roadway runoff is served by French drains with land-drain pipe leading to a dedicated soakaway at the lowest point of the drainage run.
- Gullies at the existing/proposed roadway junction and the main pedestrian access ramp/stairs are served by dedicated soakaways.

The two soakaways were sized using the results of five BRE Digest 365-compliant soakaway tests carried out in the trial pits on-site. The system ensures zero increase in surface-water runoff from the development.

The Construction Environmental Management Plan (CEMP) submitted with the application contains full details of surface-water management during the construction phase (Section 6.26 – Protection of Soil & Groundwater and Section 6.27 – Flooding). Operational maintenance of the SuDS features (cleaning and inspection of soakaways and French drains) will be secured by planning condition.

Accordingly, the proposed development will not exacerbate existing flooding issues or cause any adverse impact on the public road or neighbouring properties.

Signed   
Jackson Coleman. Bsc.Eng., C Eng, Eur. Ing, FIEI  
Chartered Engineer.

Date 18.02.26