

Water Services Planning Report

Register Reference No.: SD22A/0461

Development: A new two storey extension linked to the existing primary school consisting of a new 2 Classbase Special Educational Needs facility with ancillary accommodation on ground floor and additional teaching rooms to first floor. (total area 842sq.m); Associated ancillary siteworks to include revised carparking layout (total no. 31), the demolition of existing external & bin store with new external & bin store to be located near main entrance gate (total area 25.5sq.m), existing bicycle shelter to be relocated next to new external store with provision for additional bicycle spaces to be included and any accompanying landscaping works; The provision of 12sq.m of photovoltaic panels to extension roof.

Location: Esker Educate Together National School, Lucan, Co Dublin

Report Date : 16-Dec-23

Surface Water Report:

Further Information Required:

- 1.1 Submit a report showing surface water attenuation calculations for the existing and proposed development. Show in m² the surface water types, such as , green roofs, roads, permeable paving and green areas. Show how much attenuation is required and how much is provided in m³. Examine if concrete footpaths can be changed to permeable paving.
- 1.2 Submit in a report and drawing showing how much surface water attenuation is provided in m³.
- 1.3 Submit a drawing to show what SuDS (Sustainable urban Drainage Systems) features for the proposed development such as but not limited to the following:
 - Green roofs
 - Raingarden /planters with overflow connection to a public surface water sewer
 - Swales and rill channels
 - Grasscrete
 - [sdcc-sustainable-drainage-explanatory-design-and-evaluation-guide.pdf](#)
- 1.4 Contact Water Services in SDCC prior to submission of revised drawings and documents.

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Flood Risk

No Objection:

- 2.1 The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.

- 2.2 All works for this development shall comply with the requirements of the Greater Dublin Regional Code of Practice for Drainage Works.

Water Report:

Referred to IW

Foul Drainage Report:

Referred to IW

Signed: _____
 Brian Harkin SEE

Date: _____

Endorsed: _____
 Juliene Helbert SE

Date: _____