

# Water Services Planning Report

**Register Reference No.:** SD22A/0324

**Development:** Demolition of an existing house; Ancillary outbuildings and the construction of 1 two to four storey building accommodating 19 apartments comprised of 6 one bedroom apartments and 13 two bedroom apartments; Vehicular access to the proposed development will be via Lucan Road with traffic calming measures onto Lucan Road; 11 car parking spaces and 20 bicycle parking spaces and ancillary services including a detached water storage tank and bin store housing all on a site of 0.1925 hectares.

**Location:** Hillhouse, Lucan Road, Lucan, Co. Dublin

**Report Date :** 16<sup>th</sup> Sept 2022

## Surface Water Report:

## **Further Information required:**

- 1.1** The applicant is required to submit a drawing and/or report showing additional information regarding the percolation test carried out on site. “*Engineering Services & Drainage Design Report*” claims a report on this is attached in the appendices, but it is not. Details to be included in this report include but are not limited to:
- i) Which individual had carried out the site test.
  - ii) When the test was carried out
  - iii) Which location was the test carried out at exactly
  - iv) The report shall include the time, date and location of percolation tests. Show the start and end time the test started and length of time it took for the trial hole to drain 50% within 24 hours.
- 1.2** The applicant is required to submit a drawing or report stating the attenuation capacity of the drainage features provided on site in m<sup>3</sup>. The report shall also include a breakdown of surface area on site in hectares and respective runoff coefficients. The breakdown should include:
- Roofs
  - Yard
  - Roads/footpaths
  - Permeable paving
  - Grassed areas
- 1.3** The use of concrete attenuation tanks is not recommended by SDCC water services section. The applicant is required to submit a drawing and report proposing an alternative attenuation system such as an arched type system only where SuDS is not adequate to attenuate all surface water on site.
- 1.4** Show on a drawing and report what attenuation capacity in m<sup>3</sup> each SuDS system/s has in proposed development.

**Flood Risk**

**No Objection**

## **Water Services Planning Report**

- The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.
  - All works for this development shall comply with the requirements of the Greater Dublin Regional Code of Practice for Drainage Works.
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**Water Report:**

**Referred to IW**

**Foul Drainage Report:**

**Referred to IW**

Signed:

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Adam Adderley-McCabe GE

Date:

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Endorsed:

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Brian Harkin SEE

Date:

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