

# Water Services Planning Report

**Register Reference No.:** SD21A/0212

**Development:** Demolition of single storey structures attached to the west and north of the existing building; construction of a single storey (53.1sq.m) extension attached to the east of the existing building; two storey (161sq.m) extension attached to the west of the existing building; three storey (189.2sq.m) extension attached to the north of the existing building; the existing structure is a protected structure (SDCC RPS 285); construction to include all associated site works and enabling works.

**Location:** Sally Park Nursing Home, Sally Park Close, Firhouse, Dublin 24

**Report Date :** 25<sup>th</sup> Aug 2021

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## **Surface Water Report:**

**No objection subject to:**

**1.1** The surface water attenuation of 38m<sup>3</sup> for 1 in 100 year storm event is undersized by approximately 18%.

Prior to commencement of development submit a report to show surface water attenuation calculations that include the site area, area of different surface types in m<sup>2</sup> such as buildings, roads, pathways, permeable paving grass areas, and their respective run off coefficients. Include the SAAR value and site specific rainfall levels.

**1.2** Prior to commencement of development submit a revised surface water layout drawing showing increased surface water attenuation of the proposed development for a 1 in 100 year storm event.

**1.3** Prior to commencement of development submit a drawing showing what SuDS (Sustainable Drainage System) are proposed for the development. Show what surface water attenuation capacity proposed SuDS has for the site. Example of SuDS include filter drains, permeable paving, swales, green area detention basins, tree pits, channel rills and other such SuDS.

**1.4** Include water butts in proposed development as part of SuDS (Sustainable Drainage System).

## **Flood Risk**

## **No Objection**

- The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.
  - All new precast surface water manholes shall have a minimum thickness surround of 150mm Concrete Class B.
  - 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**

**Water Services Planning Report**

Signed: \_\_\_\_\_  
          Brian Harkin SEE.

Date: \_\_\_\_\_

Endorsed: \_\_\_\_\_  
          Chris Galvin SE.

Date: \_\_\_\_\_