

Water Services Planning Report

Register Reference No.: SD21A/0182

Development: Alterations to an existing granted planning application, Reg. Ref. SD20A/0204, for a warehousing development consisting of provision of a new separate ancillary workshop building to the site's western corner measuring 278sq.m, overall height 9.7m; provision of new extended glazed entrance of ancillary office at ground floor (28sq.m, 5.9m high) to the front north-western elevation and new emergency exit route at first floor (43sq.m) exiting to side north-eastern elevation by new external stairs. Additional floor area provided 71sq.m; the alterations above result in total floor area increase by 349sq.m (from 2,222sq.m to 2,571sq.m); provision of 3 internally lit building mounted business logo signs, 12.25sq.m each (12.7m above ground level) to the front (north-western), side (north-eastern) and rear (south-eastern) elevations; provision of 3 10m high flagpoles to the north of the site, with a distance of approx. 31m from the warehouse and new extended office entrance; provision of 288sq.m solar panels to the roof of the warehouse; provision of a new recessed access/egress, rearrangement of truck wash area and refuel area and partial revision of the north-western site's boundary fence type C; elevation and site plan revisions associated with entrance porch, signage and fire exit stairs; and associated drainage adjustments due to the inclusion of the above alterations; all other details will remain as per the granted application Reg. Ref. SD20A/0204.

Location: Baldonnell Business Park, Baldonnell, Dublin 22

Report Date : 4th August 2021

Surface Water Report:

Further information Required:

- 1.1 The applicant has proposed a reduction in the provision of surface water attenuation volume compared to previously permitted development planning ref: SD20A/0204 however the applicant has not provided a justification for this volume reduction. The applicant shall submit a report clearly showing design calculations which demonstrates how surface water up to and including the 1:100 (1%) year critical storm with climate change allowance will be attenuated on site to pre-developed greenfield run off rates. The report shall include Site SAAR and SOIL Values, MET Eireann Rainfall data, A breakdown of all surface types and areas (in m²) as well as corresponding run off coefficients.

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1.2 The applicant shall submit a drawing showing plan and cross sectional views of all proposed SuDS (Sustainable Drainage Systems) features for the development such as but not limited to: Tree pits, Infiltration trench ,Rain water reharvesting, etc. The applicant shall also include permeable surfacing in the parking areas as part of SuDS measures and submit details of same.

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

Signed: _____
Ronan Toft AE

Date: _____

Endorsed: _____
Chris Galvin SE.

Date: _____