

Water Services Planning Report

Register Reference No.: SDZ22A/0011 AI

Development: The proposed primary school will extend to c3,355sq.m will be 2 storeys in height and will comprise 16 no. classrooms with an additional 2 classroom Special Educational Needs Unit; a General Purpose Hall and all ancillary teacher and pupil amenities and facilities. The proposed development also provides for hard and soft play areas, including 2 no. outdoor ball courts, bicycle parking, staff car parking, vehicle drop off and set down areas. Photovoltaic Panels (PV) are proposed on roofs in addition to EV Charging Points and a packaged Biomass heating plant. The proposed development also provides for all landscaping and boundary treatments and all associated site development works. Access to the site will be via a new junction and access road off Thomas Omer Way. The new access road will run south off Thomas Omer Way and then west into the site. The proposed access road is in accordance with the Clonburrish Strategic Development Zone (SDZ) Planning Scheme and incorporates public lighting, footpaths and cycle tracks. A further pedestrian / cycle only connection to Thomas Omer Way is also proposed along the western green corridor, west of the proposed school building.

Location: Thomas Omer Way, Balgaddy, Lucan, Dublin

Report Date : 10th Feb 2023

Surface Water Report:

No Objection Subject To:

- 1.1 The surface water attenuation volume proposed of 690m³ is undersized by approximately 12% for a 1 in 100 year storm event. Prior to commencement of development submit a revised drawing and report showing increased surface water attenuation volume for the development. The surface water attenuation should be provided by SuDS in so far as this is possible. An arched type attenuation system is preferable to a cellular attenuation system to reduce maintenance issues. SuDS should be used where possible to provide all surface water attenuation required.

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 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

Water Services Planning Report

Signed: _____
Brian Harkin SEE

Date: _____

Endorsed: _____
Juliene Helbert SE

Date: _____