



ARMSTRONG FENTON

ASSOCIATES

PROJECT:

Proposed Large-scale Residential Development (LRD) in the townlands of Bohernabreena, Oldcourt & Killinenny, Dublin 24.

APPLICANT:

Capami Ltd.

REPORT:

Universal Design Statement

DATE:

September 2024.

**Planning &
Development
Consultants**



1.0 Scope of Report

This Report is submitted in support a Large-scale Residential Development (LRD) proposed by Capami Ltd (the applicant) This Building Life Cycle report has been prepared in support of a Large-scale Residential Development proposed by Capami Ltd (the applicant) for a new residential development, located in the townlands of Bohernabreena, Oldcourt, and Killinenny, Dublin 24.

The proposed development provides for 523 no. residential dwellings comprised of:

- 255 no. 2, 3 & 4 bed, 2 & 3 storey, detached, semi-detached and terraced houses,
- 206 no. 1, 2 & 3 bed duplex units in 20 no. 2 & 3 storey blocks, and
- 62 no. 1, 2 & 3 bed apartments in 4 no. 2-3 & 3-4 storey blocks,

The proposed development also provides for a 2-storey childcare facility of c. 457sq.m, along with all associated site development works, open spaces etc. on a site area of c.20.4Ha.

The Access & Use Strategy is being submitted with the Planning Application to demonstrate that the proposed design is in substantial compliance with Part M (Access & Use) of the Building Regulations and that it will be possible in due course to obtain Disability Access Certificates, as necessary, for the development without giving rise to changes that would require planning permission. The design has sought to comply with the principles of Universal Design to ensure access and use of the development and its facilities for everyone.

2.0 Development Description

Capami Ltd. wishes to apply for a seven year planning permission for a Large-Scale Residential Development (LRD) on a site measuring c.20.4Ha, located in the townlands of Bohernabreena, Oldcourt, and Killinenny, Dublin 24. The development site is located to the east of Bohernabreena Road, north and east of Bohernabreena cemetery, south and south-east of St. Anne's GAA club, south and south-west of the Dodderbrook residential estate, west of the Ballycullen Gate residential development (currently under construction) and west of Oldcourt Road (R113).

The proposed development consists of 523 no. residential units comprised of 255 no. 2, 3 & 4 bed, 2 & 3 storey, detached, semi-detached and terraced houses, 206 no. 1, 2 & 3 bed duplex units in 20 no. 2 & 3 storey blocks, and 62 no. 1, 2 & 3 bed apartments in 7 no. 2-3 & 3-4 storey blocks (i.e. Blocks A, B2 & D, and 2 no. Blocks B1 & 2 no. Blocks C), along with a 2 storey childcare facility of c. 457sq.m.

Private amenity space for the residential units is provided in the form of rear gardens for houses and ground floor terraces / upper floor balconies for apartments and duplex units. The proposed development provides for a total of c. 7.3Ha of public open space, and c. 5,505sq.m of communal open space associated with proposed residential units.

Vehicular access to the development will be via 4 no. access points, as follows: (i) from the west of the site, via 2 no. accesses, located off Bohernabreena Road, (ii) from the north of the site, via 1 no. access at Dodderbrook Place, and (iii) from the east of the site, via Oldcourt Road (R113) and via adjoining residential development at Ballycullen Gate. The proposed development includes for pedestrian and cyclist connections and accesses throughout the proposed development and to adjoining lands to the north at Dodderbrook Avenue and to the north-west into St. Anne's GAA club.



The proposed development includes the demolition of all existing structures on site, including 2 no. single storey dwellings and outbuildings/sheds (total demolition area: c. 4,152.06sq.m).

The proposed development provides for (i) all associated site development works above and below ground, including 2 no. underground foul sewerage pumping stations, (ii) public open spaces (c. 7.3Ha), (iii) communal open spaces (c. 5,505sq.m), (iv) hard and soft landscaping and boundary treatments, (v) surface car parking (746 no. car parking spaces, including EV parking), (vi) bicycle parking (1,268 no. bicycle parking spaces), (vii) bin & bicycle storage, (viii) public lighting, and (ix), plant / PV panels (M&E), utility services & 5 no. ESB sub-station/kiosks, all on an overall application site area of c.20.4Ha.

3.0 Universal Design Statement

Based upon the drawings submitted as part of this application for permission, we confirm that all of the proposed dwellings / buildings have been designed to be compliant with Part M of the Building Regulations with regard to accessibility.

Basis of Compliance

Purpose Group	Design Guidance (Fire Safety / Access & Use)
PG 1 (c) Residential	TGD-M 2010, BS 8300:2018 & UK ADM
PG 7(b) Car Park	Centre for Excellence in Universal Design / NDA publication "Universal Design Guidelines for Homes in Ireland" NDA "Building for Everyone"

The aforementioned guidance proffers prescriptive design solutions which are considered prima facie compliance with Parts M of the Building Regulations.

The design seeks to go beyond minimum mandatory compliance and accordingly where practicable best practice and the principles of universal design form the basis of the design approach herein.

4.0 Access & Use Strategy

4.1 External Access Routes

The external site landscape will be designed to achieve best practice in accordance with BS 8300 2018 Part 1, including accessible access routes to serve each of the residential units and cores. In order to ensure universal access will be provided for all; access routes will include level approach and gently sloped approach routes. Gently sloped approach routes shall achieve a gradient of between 1:50 to 1:20 as per TGD M 2010. Each of the residential units / cores will be provided with an accessible entrance to facilitate wheelchair/disabled access.

Car parking will be provided with a minimum of 5% designated accessible car parking spaces as per TGD-M 2010.



4.2 Circulation within Buildings

Corridors and passageways shall be designed to be wheelchair accessible in accordance with TGD M 2010 and have passing places achieving 1800mm by 1800mm at the end of corridors where applicable.

The upper floors to each of the residential cores will be served via accessible passenger lifts and an ambulant disabled stair designed in accordance with TGD-M / BS 8300 / UK ADM, including the following:

- The stairs shall achieve a minimum clear width of 1200mm, with a maximum height of each flight of 1800mm.
- The accessible passenger lift shall achieve the required 1100mm wide by 1400mm deep

4.3 Creche Facilities

The proposed creche has been designed to achieve universal access for patrons and staff.

4.4 Sanitary Facilities

All residential units will be provided with visitable wc's in line with TGD M 2010.

The residential and commercial amenities / facilities shall be provided with an appropriate accessible WC in accordance with Diagram 15(a) of TGD M 2010.

4.5 Residential Units

The internal layout of the residential units will be designed in accordance with TGD-M 2010 such to include accessible entrance doors, accessible WCs and habitable rooms.

4.6 Public Realm

The design has sought to ensure that the environment created within this development will be accessible to residents and visitors with disabilities. Footpaths will be designed in accordance with the latest design criteria to ensure safe access for those that have a mobility impairment.



5.0

Summary

Cognizance has also been paid to the guidance set out in the 2013 Universal Design Guidelines for Homes in Ireland. The site layout plan and landscaping proposals have also taken into consideration the need for ease of movement through the development. The main features of the proposed development are therefore as follows:

- All buildings houses have level access delivering ease of access for all. The public realm is designed to ensure accessibility on equal terms for people of a range of ages and physical mobility.
- A range of apartment types have been proposed in terms of both size and design meeting the aspirations of a range of people and households. These range in gross floor area from 49.5m² (1 bedroom apartment) to 160.86m² (4 bedroom house) with a variety of 1, 2, 3, and 4 bedroom dwellings types proposed in a mix of apartments, duplex units and houses.
- The proposed development presents a welcoming and positive aspect to passers-by, creating a new accessible urban, public realm and allowing for direct connectivity to open spaces and adjoining lands, thus avoiding unnecessary physical and visual barriers.
- Connectivity to adjoining lands has been incorporated into the design of the layout. The network of paths and cycle routes ensure full permeability throughout the scheme and ensures connectivity from the subject site to the surrounding area and local facilities beyond.
- Falls and gradients have been minimized wherever possible on site and level access will be provided at all parking locations. All units within the development will meet the requirements of Part M of the Technical Guidance Documents where accessibility is concerned.
- Public spaces, streets and parks, are all designed so that every member of society can use them. Dwellings address these spaces so that they are passively supervised, creating safe spaces for everyone to use. The activity generated here enhances the open space realm.

