



**ARMSTRONG
FENTON**
ASSOCIATES

PROJECT: Strategic Housing Development

UNIVERSAL DESIGN STATEMENT :

for proposed development at

Santry Avenue & Swords Road, Santry, Dublin 9.

CLIENT: Dwyer Nolan Developments Ltd

DATE: 16|07|21

**Planning &
Development
Consultants**



1.0 Scope of Report

This Report is submitted in support of a planning application for a proposed strategic housing development on a site at the junction of Swords Road and Santry Avenue, Santry, Dublin 9.

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 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

Dwyer Nolan Developments Ltd. intend to apply to An Bord Pleanála for permission for a strategic housing development, on a site of c. 1.5 hectares, located at the junction of Santry Avenue and Swords Road, Santry, Dublin 9. The development site is bounded to the north by Santry Avenue, to the east by Swords Road, to the west by Santry Avenue Industrial Estate, and to the south by the permitted Santry Place development (granted under Dublin City Council Ref's. 2713/17 & 2737/19).

The proposed development provides for 350 no. apartments, comprised of 113 no. 1 bed, 218 no. 2 bed, & 19 no. 3 bed dwellings, in 4 no. seven to fourteen storey buildings, over basement level, with 5 no. retail / commercial units and a community use unit located at ground floor level facing onto Santry Avenue and Swords Road. A one storey residential amenity unit, facing onto Santry Avenue, is also provided for between Blocks A & D.

The development consists of the following:

- (1) Demolition of the existing building on site i.e. the existing Chadwicks Builders Merchants (c. 4,196.8m²).
- (2) Construction of 350 no. 1, 2, & 3 bed apartments, retail / commercial and community uses in 4 no. buildings that are subdivided into Blocks A-G as follows:
 - Block A is a 7 to 14 storey block consisting of 59 no. apartments comprised of 26 no. 1 bed & 33 no. 2 bed dwellings, with 2 no. commercial/retail units located on the ground floor (c. 132.4m² & 173m² respectively). Adjoining same is Block B, which is a 7 storey block consisting of 38 no. apartments comprised of 6 no. 1 bed, 20 no. 2 bed, & 12 no. 3 bed dwellings, with 2 no. commercial/retail units located on the ground floor (c. 162.3m² & 130.4m² respectively). Refuse storage areas are also provided for at ground floor level.
 - Block C is a 7 storey block consisting of 55 no. apartments comprised of 13 no. 1 bed & 42 no. 2 bed dwellings. Refuse storage areas are provided for at ground floor level. Adjoining same is Block D which is a 7 to 10 storey block consisting of 51 no. apartments comprised of 25 no. 1 bed, 19 no. 2 bed, & 7 no. 3 bed dwellings, with 1 no. commercial unit / café located on the ground floor (c. 163.3m²). A refuse storage area is also provided for at ground floor level.
 - Block E is a 7 to 10 storey block consisting of 58 no. apartments comprised of 10 no. 1 bed & 48 no. 2 bed dwellings, with 1 no. community use unit located on the ground floor (c. 188.1m²). A refuse storage area, substation, & switchroom are also provided for at ground floor level. Adjoining same is Block F which is a 7 storey block consisting of 55 no.



apartments comprised of 13 no. 1 bed & 42 no. 2 bed dwellings. A refuse storage area & bicycle storage area are also provided for at ground floor level.

- Block G is a 7 storey block consisting of 34 no. apartments comprised of 20 no. 1 bed & 14 no. 2 bed dwellings. A refuse storage area & bicycle storage area are also provided for at ground floor level.

- (3) Construction of a 1 storey residential amenity unit (c. 187.9m²) located between Blocks A & D.
- (4) Construction of basement level car parking (c.5,470.8m²) accommodating 173 no. car parking spaces & 719 no. bicycle parking spaces. Internal access to the basement level is provided from the cores of Blocks A, B, C, D, E, & F. External vehicular access to the basement level is from the south, between Blocks B & C. 36 no. car parking spaces & 58 no. bicycle parking spaces are also provided for within the site at surface level.
- (5) Public open space of c. 1,915m² is provided for between Blocks C, D, E, & F. Communal open space of c. 3,122m² provided for between (i) Blocks E, F, & G, (ii) Blocks A, B, C, & D, and (iii) in the form of roof gardens located on Blocks A, C, & F and the proposed residential amenity use unit. The development includes for hard and soft landscaping & boundary treatments. Private open spaces are provided as terraces at ground floor level of each block and balconies at all upper levels.
- (6) Vehicular access to the development will be via 2 no. existing / permitted access points: (i) on Santry Avenue in the north-west of the site (ii) off Swords Road in the south-east of the site, as permitted under the adjoining Santry Place development (Ref. 2713/17).
- (7) The development includes for all associated site development works above and below ground, bin & bicycle storage, plant (M&E), sub-stations, public lighting, servicing, signage, surface water attenuation facilities etc.

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 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 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. The internal height of the circulation in the car park ensures adequate circulation for all persons as per TGD-M. In total 23 no. accessible parking spaces shall be provided (18 no. at basement level and 5 no. at surface level). This will ensure level access routes are provided from the designated parking spaces to each core. Transfer from the basement car parking is provided to all apartments by way of passenger lifts and ambulant stairs, Blocks A to F will have direct access to basement level and a dedicated accessible stair and lift shall be provided for residents in Block G.

4.2 Residential and Commercial Amenities / Facilities

The proposed commercial / retail units, café, community use unit and the dedicated residential amenity unit will be designed to achieve universal access for residents and staff.

4.3 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 and basement level 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

4.4 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.

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 46.8m² (1 bedroom apartment) to 111.3m² (3 bedroom apartment) with a variety of 1, 2, and 3 bedroom apartments.
- 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.

