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Reg. Reference: SDZ22A/0010 **Application Date:** 04-Jul-2022

Submission Type: Registration Date: 03-Apr-2023 Significant

> Additional Information

Correspondence Name and Address: Tracy Armstrong, Armstrong Fenton Associates Unit

13, The Seapoint Building, 44/45, Clontarf Road,

Dublin 3

Proposed Development: Kelland Homes Ltd. intends to apply for permission

> for development on a site area of 6.3Ha, on lands within the townland of Cappagh, Dublin 22. The proposed development is located west of the Ninth Lock Road, south of the Dublin-Cork railway line, north of Cappaghmore housing estate and Whitton Avenue, and east of an existing carpark / park & ride facility at the Clondalkin Fonthill train station and the R113 (Fonthill Road). The proposed development

is located within the Clonburris Strategic

Development Zone (SDZ), within the development areas of (I) Clonburris South East (i.e. CSE-S1 & CSE-S2) and (ii) part of Clonburris Urban Centre (i.e. CUC-54), as identified in the Clonburris SDZ Planning Scheme 2019. The proposed development consists of the construction of 294 no. dwellings, creche and retail / commercial unit, which are comprised of: 118 no. 2, 3 & 4 bed, 2 storey semidetached and terraced houses, 104 no. 2 & 3 bed duplex units accommodated in 10 no. 3 storey buildings, 72 no. f' & 2 bedroom apartments in 2 no. 4 & 6 storey buildings, 1 no. 2 storey creche (c.520.2m2), 1 no. 2 storey retail /commercial unit (c.152.1m2). Access to the development will by via

the permitted road network (under Ref.

SDZ20A/0021) which provides access from the Ninth Lock Road to the east and the R113 (Fonthill Road) to the west. The proposed development will connect into the permitted Infrastructural works as approved under the Clonburris Strategic

Development Zone Planning Scheme (2019) and permitted under Ref. SDZ20A/0021, with the proposed development connecting into the permitted

surface water drainage attenuation systems i.e. 1 no. pond, 3 no. modular underground storage systems

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and 1 no. detention basin combined with modular underground systems. The proposed wastewater infrastructure will connect into a permitted foul pumping station and pipe network within proposed road corridors to facilitate drainage connections to future wastewater drainage infrastructure within the adjoining SOZ lands (Including future Irish Water pumping station permitted under SDZ21A/0006). The proposed development also provides for all associated site development works above and below ground, public & communal open spaces, hard & soft landscaping and boundary treatments, surface car parking (401 no. spaces), bicycle parking (797 no. spaces), bin & bicycle storage, public lighting, plant (M&E), utility services & 4 no. ESB sub-stations. This application is being made in accordance with the Clonburris Strategic Development Zone Planning Scheme 2019 and relates to a proposed development within the Clonburris Strategic Development Planning Scheme Area, as defined by Statutory Instrument No. 604 of 2015.

The proposed development is located west of the Ninth Lock Road, south of the Dublin-Cork railway,

line, north of Cappaghmore housing estate and whitton Avenue, and east of an existing carpark/park,

& ride facility at the Clondalkin, Fonthill train statio

Applicant Name: Kelland Homes Ltd

Application Type: Permission

(COS)

Location:

Description of Site and Surroundings

Site Area: stated as 6.3 Hectares in the application form.

Site Visit: 16th of August 2022.

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Site Description

The subject site is located west of the Ninth Lock Road, south of the Dublin-Cork railway line, north of Cappaghmore housing estate and Whitton Avenue, and east of an existing carpark / park & ride facility at the Clondalkin Fonthill train station and the R113 (Fonthill Road).

The site is located within the Clonburris Strategic Development Zone (SDZ), within the development areas of (i) Clonburris South East (i.e., CSE-S1 & CSE-S2) and (ii) part of Clonburris Urban Centre (i.e., CUC-54), as identified in the Clonburris SDZ Planning Scheme 2019.

Proposal

The proposed development consists of the construction of **294 no. dwellings**, creche and retail / commercial unit, which are comprised of:

- 118 no. 2, 3 & 4 bed, 2 storey semi-detached and terraced houses,
- 104 no. 2 & 3 bed duplex units accommodated in 10 no. 3 storey buildings,
- 72 no. 1& 2 bedroom apartments in 2 no. 4 & 6 storey buildings,
- 1 no. 2 storey creche (c.520.2m2),
- 1 no. 2 storey retail /commercial unit (c.152.1m2).

Access to the development will be via the permitted road network (under Ref. SDZ20A/0021) which provides access from the Ninth Lock Road to the east and the R113 (Fonthill Road) to the west.

The proposed development will connect into the permitted infrastructural works as approved under the Clonburris Strategic Development Zone Planning Scheme (2019) and permitted under Ref. SDZ20A/0021, with the proposed development connecting into the permitted surface water drainage attenuation systems i.e., 1 no. pond, 3 no. modular underground storage systems and 1 no. detention basin combined with modular underground systems.

The proposed wastewater infrastructure will connect into a permitted foul pumping station and pipe network within proposed road corridors to facilitate drainage connections to future wastewater drainage infrastructure within the adjoining SOZ lands (including future Irish Water pumping station permitted under SDZ21A/0006).

The proposed development also provides for all associated site development works above and below ground, public & communal open spaces, hard & soft landscaping and boundary treatments, surface car parking (401 no. spaces), bicycle parking (797 no. spaces), bin & bicycle storage, public lighting, plant (M&E), utility services & 4 no. ESB sub-stations.

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Zoning

The subject site is located within the Clonburris Strategic Development Zone (SDZ), which is subject to zoning objective 'SDZ': 'To provide for strategic development in accordance with approved planning schemes' under the South Dublin County Development Plan 2022-2028.

The subject site is located within the development areas of (i) Clonburris South East (i.e., CSE-S1 & CSE-S2) and (ii) part of Clonburris Urban Centre (i.e., CUC-54), as identified in the Clonburris SDZ Planning Scheme 2019.

Consultations

Water Services
Irish Water
Roads Department
Public Realm Section
Housing Strategy Unit
H.S.E. Environmental Health Officer

No objection subject to conditions.
Additional information requested.
Additional information requested.
No objection subject to conditions.
Additional information requested.

Heritage Officer

Transport Infrastructure Ireland
National Transport Agency
Waste Management
Forward Planning

No report received.
No report received.
No report received.

SEA Sensitivity Screening – the subject site overlaps with the following layers:

- Aviation related Approach Surfaces, Take Off Climb Surfaces, Inner Horizontal Surface and Conical Surface for Casement, Outer Horizontal Surface for Dublin, and Bird Hazards.
- COS2 SLO3 To provide for a Garda Station in Clonburris
- Road Proposals 6 years

Submissions/Observations / Representations

Date for final submissions 8th of August 2022.

A number of third-party submissions were received, largely from residents in the Whitton Avenue and Cappaghmore estates, which raise the following points in summary:

- Traffic and safety concerns in relation to Whitton Avenue access. Want to keep as cul-desac. Omit this access. Option to move access further along Whitton Avenue to adjacent to Cappaghmore House.
- Building heights and visual impact.
- Shortage of car parking and overflow onto Whitton Avenue. Removal of car parking spaces on Whitton Avenue.
- Impact of height and overlooking on Whitton Avenue. Duplexes not in keeping. Consideration should be given to a gradation in height moving away from Whitton Avenue. Tree line for visual screen.

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- Impact on trees (root protection) and wildlife, including protected species.
- Traffic issues on Ninth Lock Road.
- Ratio of green space is quite small. Open and covered play areas should be included.
- Attenuation pond should be much larger and better positioned.
- Not in line with the Clonburris SDZ.
- Provide traffic light controlled junction at Cappaghmore.

Transport Infrastructure Ireland has submitted an observation stating:

- The Authority will rely on your planning authority to abide by official policy in relation to development on/affecting national roads as outlined in DoECLG Spatial Planning and National Roads Guidelines for Planning Authorities (2012), subject to the following:
- The Authority requests that the Council has regard to the provisions of Chapter 3 of the DoECLG Spatial Planning and National Roads Guidelines in the assessment and determination of the subject planning application.

The Department of Defence has submitted an observation stating:

- Given the proximity to Casement Aerodrome, operation of cranes should be coordinated with Air Corps Air Traffic Services, no later than 28 days before use, contactable at airspaceandobstacles@defenceforces.ie or 01-4037681.
- Due to the proximity to Casement Aerodrome, mitigations may be required in relation to the management of wildlife attracted to attenuation ponds or other water features. Should negative effects of bird activity on Irish Air Corps operations arise, the owner must put measures in place to mitigate these effects to an acceptable level.

The National Transport Authority has submitted an observation stating:

- The NTA notes that it is intended to provide for 2 parking spaces for each of the 118 housing units proposed, in line with the maximum permissible under the SDZ Planning Scheme / County Development Plan. The NTA have significant concerns in relation to this, as follows:
 - The site is adjacent to Clondalkin / Fonthill train station which is served by regular commuter services throughout the day, and which will benefit from high-frequency DART services in the future;
 - Clonburris is being progressed as an exemplar of sustainable transport whereby public transport, walking and cycling will be the predominant modes for all travel, including travel within Clonburris for daily needs such as retail and schools; and
 - Providing for the maximum number of spaces permissible for any element of the proposed development sets an undesirable precedent for the development of the remainder of the SDZ and is likely to undermine the strategic transport objectives for the area.

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• NTA Recommendation

The NTA recommends that, in order to ensure that the Clonburris SDZ is developed in a sustainable manner, the off-street parking provided for the housing is reduced to 1 per unit in order to reflect the site's accessibility to high-quality existing and proposed public transport services and to reflect the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes public transport, walking and cycling, and which minimises the potential impact of development on the surrounding road network.

These observations have been reviewed in full and taken into consideration in the assessment of the proposed development.

Relevant Planning History

The site is located within the Clonburris Strategic Development Zone for which a Planning Scheme was prepared by South Dublin County Council and approved by An Bord Pleanála.

Subject site

SDZ20A/0021

10 year permission for roads and drainage infrastructure works as approved under the Clonburris Strategic Development Zone Planning Scheme (2019) to form part of the public roads and drainage networks providing access and services for the future development of the southern half of the overall Strategic Development Zone (SDZ) lands. Permission granted. The subject site is dissected by the east west Link Road, road connections are provided off this to the existing park and ride facility and the permitted pumping station, attenuation is provided around the existing hedgerow through the subject site, along the eastern boundary and in the south-east corner of the site. The link road is excluded from the site boundary of the subject application. Conditions of relevance:

3. Junctions and spur road.

Prior to the commencement of development, the applicant, owner or developer shall submit the following for the written agreement of the Planning Authority:

Revised plans that incorporate all of the following amendments-

- (a) The spur road to the pumping station (as indicated on Drawing Road Layout 13, 190113-DBFLRDSPDRC1213 Rev P02) shall be redesigned and amended to incorporate the requirements of Irish Water and the Planning Authority and Planning Reg. Ref SDZ21A/0006.
- (b) The spur road to Whitton Avenue (as indicated on Drawing Road Layout 14, 190113-DBFL-RD-SP-DR-C-1214 Rev P02) shall be amended to be in accordance with the Planning Scheme. The details of connection to Whitton Avenue shall be agreed with the Planning Authority in conjunction with the Roads Department.

REASON: In the interest of clarity, compliance with the Clonburris Planning Scheme 2019 and to protect the amenities of the area and in the interests of the proper planning and sustainable development of the area.

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Located within the subject site.

4. Link Street Design

Prior to the commencement of development, the applicant, owner or developer shall submit the following for the written agreement of the Planning Authority:

Revised plans that incorporate all of the following amendments-

- (a) All junctions required as stated in Figure 2.2.7 (Page 31) of the Clonburris Planning Scheme shall be in accordance with the Scheme, in terms of typology and location. The applicant shall engage and reach agreement with the Planning Authority on the typology and location of each of the required junctions.
- (b) Parallel car parking shall be provided along the length of the link street, in accordance with Figure 2.2.5 (Page 29) of the Clonburris Planning Scheme. The applicant shall engage and reach agreement with the Planning Authority on the provision of the parallel car parking along the length of the Link Street.
- (c) The Proposed Strategic Cycle Network as notated in Figure 2.2.7 (Page 31) of the Clonburris Planning Scheme shall be fully incorporated within the design of the Link Street and spurs off this Link Street and shall be fully in accordance with the Planning Scheme. Revised drawings shall be submitted.

REASON: In the interest of clarity, compliance with the Clonburris Planning Scheme 2019 and to protect the amenities of the area and in the interests of the proper planning and sustainable development of the area.

Located within the subject site.

6. Culverts and Attenuation.

Prior to the commencement of development, the applicant, owner or developer shall submit the following for the written agreement of the Planning Authority:

Revised plans and report that incorporate all of the following amendments

- (a) All attenuation areas shall be publicly accessible with natural elements;
- (b) A detailed justification shall be submitted for each proposed culvert (individually).
- (c) Where culverting is the only solution, proposal shall be submitted for the mitigation of the impact of each culvert on the existing ecology and Green Infrastructure. All mitigation measures as stated in the Addendum to EIAR -Summary of Mitigation Measures Report shall be implemented in full.

REASON: To protect the amenities of the area and in the interests of the proper planning and sustainable development of the area.

A permitted above ground attenuation area is located within the subject site.

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10. Surface Water

- a. Prior to commencement of development, the applicant shall submit information which clarifies the location and discharge rate of the proposed flow control device for Attenuation Area 11b, as this is not shown on the submitted surface water layout drawings.
- b. Prior to commencement of development, the applicant shall submit a report showing how compensation storage was calculated and show what compensation storage is provided. The applicant has stated that this is included within section 3.12 of the submitted Infrastructure Design Report however no such section exists.
- c. Prior to commencement of development the applicant shall obtain a section 50 licence from the Office of Public Works for any proposed culverting or realignment of watercourses within the area of the proposed planning application. Culverting and realignment shall be kept to a minimum so that biodiversity and riparian corridors can be protected to help mitigate climate change. REASON: In the interests of sustainable drainage.

Attenuation Area 11b is located within the subject site.

Lands to the south

SDZ14A/0002

Removal of shed structure and construction of 2 detached part 2 and part 3 storey dwellings and 8 semi-detached part 2 and part 3 storey dwellings; 20 car parking spaces; new vehicular entrance to Ninth Lock Road and associated works including new footpaths and landscaping of site. The site is located within the Clonburris Strategic Development Zone. **Permission granted. This is the development on Whitton Avenue. This is discussed further in this report.**

SDZ22A/0004

Internal separation of the house and associated granny flat to provide for 2 permanent houses and extension of rear garden. Part of the development site is located within the Clonburris Strategic Development Zone. Permission granted. The rear garden of the northernmost house incorporates a minor sized part of the SDZ lands at the south-west of the subject site. This has been accommodated in the submitted proposal.

SDZ21A/0006

Wastewater pumping station comprising of (a) below ground 24-hour emergency storage tank; (b) below ground inlet, wet well, flow meter and valve chambers; (c) control and welfare building with green roof and 2 odour control units; (d) boundary wall, fencing, entrance gate and landscaping; (e) site drainage system including a swale; (f) all associated ancillary and enabling works including hardstanding and access, located within the Clonburris Strategic Development Zone. **Permission granted. This pumping station is located to the south-west of the subject site.**

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Relevant applications in the remainder of Clonburris SDZ

SDZ21A/0022

The construction of 569 no. dwellings, a creche, innovation hub and open space in the Clonburris South West Development Area of the Clonburris SDZ Planning Scheme 2019. **Permission granted. No. of dwellings permitted 563 no.**

SDCC Part 8 Application

Proposed Social and Affordable housing development comprising of 263 no. residential units on a site located on lands within Clonburris SDZ, in the subsector known as Kishogue South West which is located on Lynches Lane to the East of the R136 Outer Ring Road. **Approved.**

SDCC Part 8 Application

Development of a Social and Affordable Purchase Housing project consisting of 118 (approved as 116) no. units on undeveloped lands adjoining the Bawnogue Road and Ashwood Drive, Clonburris, Dublin, just South of the Grand Canal. **Approved.**

Relevant Enforcement History

None recorded according to APAS.

Pre-Planning Consultation

PPSDZC05/20

A residential development located in sub-sectors CSE-S1. CSE-S2 & CUC-S4 of the Clonburris SDZ. The proposal consists of approximately 262 dwellings comprised of 130 houses, 84 duplex units and 48 apartments in 1 x 8-storey building. The proposal also includes for development of an east-west link toad, as per the requirements of the SDZ Planning Scheme and public open spaces.

PPSDZC04/20

Preliminary pre-planning meeting required to determine principle of masterplan layout for residential development on this portion of the SDZ lands, in terms of block and roads layout, along with location of public open space and attenuation areas, in accordance with SDZ Planning Scheme and required density of development.

Relevant National Policy

The relevant policy documents are detailed below. Those identified as being of key significance include: 'Project Ireland 2040 National Planning Framework' (NPF) and 'Regional, Spatial & Economic Strategy 2019 – 2031' (RSES).

Project Ireland 2040 National Planning Framework, Government of Ireland, 2018.

The vision for Project Ireland 2040 – The National Planning Framework is for balanced growth across the five cities and three regions and the guidance of public and private investment into appropriate locations to properly plan for current and future population growth. The NPF sets out a number of clear and measurable targets in terms of population projections, employment generation, housing delivery, environmental impacts, and transport provision.

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These key considerations are underpinned by objectives identified as 'National Strategic Outcomes' in which the development of Clonburris SDZ will play a major role in achieving. Clonburris is identified in the NPF as a key future growth enabler for Dublin with transformative potential and the following is stated as a priority: 'progressing the sustainable development of new greenfield areas for housing, especially those on public transport corridors, such as Adamstown, Cherrywood, Clonburris and Clongriffin.'

In order to meet the projected population and economic growth as set out in the NPF, the annual housing output is required to increase to 30-35,000 homes per year (nationally) in the years to 2027, with 50% of all new homes to be delivered in Ireland's five main cities. In terms of population projection, the NPF considers that the Dublin region needs to be planned for at least 235,000 more people in the City and suburbs by 2040. It is considered that the continued development of the

Clonburris SDZ will assist in achieving these national targets. The development of the entire Planning Scheme is expected to deliver a target of 9,416 no. (up to 11,098 no.) new homes.

In this regard, National Strategic Outcome 1 of the NPF refers to and, stresses the importance, of 'Compact Growth'. The NPF states: 'From an urban development perspective, we will need to deliver a greater proportion of residential development within existing built-up areas of our cities, towns and villages and ensuring that, when it comes to choosing a home, there are viable attractive alternatives available to people.'

The principle of Compact Growth NSO1 is underpinned by the SDZ Planning Scheme at a macro and micro level. At a macro level, the sustainable development of the area in accordance with the adopted SDZ Planning Scheme presents a transformative opportunity to meet the needs of the wider City and region by accommodating the region's population growth, centred on compact growth with proximity to employment, community facilities and high-quality public transport. The delivery of the SDZ reinforces the principles of the National Planning Framework by delivering smart and compact growth within the built-up envelope of the existing Greater Dublin Area.

At a micro level, the Planning Scheme provides a clear framework for Development Areas, which seeks to guide appropriate residential densities into suitable locations, ensuring a critical mass is achieved in order to promote viability and sustainability. Key principles of the SDZ include making efficient use of public transport and local facilities and promoted increased residential densities within walking distance of these, thereby reinforcing compact growth policy principles.

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Regional, Spatial & Economic Strategy 2019 - 2031, Eastern & Midlands Regional Assembly, 2019.

Clonburris SDZ is identified in the Metropolitan Area Strategic Plan (MASP) of the RSES as a key target area for urban expansion and continued development of the SDZ, and 'a strategic residential and employment corridor along a key public transport corridor that contains development opportunities.' The Strategy is centred around delivering a new community that is characterised by a design-led approach to integrating compact growth and development with climate resilient sustainable transport options such as rail and bus.

The SDZ is identified in the MASP (Table 5.1 Strategic Development Areas and Corridors, Capacity Infrastructure and Phasing) as a strategic development area with the phased development of Clonburris SDZ.

The timely development of the Clonburris SDZ is wholly compatible with the Growth Strategy for the region, as set out in the RSES/MASP and the development and provision of critical infrastructure required to facilitate the phased development of the Plan lands will support the continued development of a long-term and viable community at Clonburris.

Additional National Policy Documents and Guidance of Relevance

Urban Development and Building Heights - Guidelines for Planning Authorities, Department of Housing Planning and Local Government (2018)

Sustainable Residential Development in Urban Areas - Guidelines for Planning Authorities, Department of the Environment, Heritage and Local Government (2009).

Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities, Department of Housing, Planning and Local Government (2020).

Urban Design Manual: A Best Practice Guide, A Companion Document to the Guidelines for Planning Authorities on Sustainable Residential Development in Urban Areas, Department of the Environment, Heritage and Local Government, (2009).

Quality Housing for Sustainable Communities-Best Practice Guidelines, Department of the Environment, Heritage and Local Government, (2007).

Greater Dublin Area Transport Strategy 2016 -2035, National Transport Authority.

Design Manual for Urban Roads and Streets (DMURS), Department of the Environment, Community and Local Government and Department of Transport, Tourism and Sport (2019).

Smarter Travel – A Sustainable Transport Future. A New Transport Policy for Ireland 2009 – 2020, Department of Transport, (2009).

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National Cycle Manual – *National Transport Authority (June 2011).*

Waste Management Plan for the Dublin Region 2005-2010, Dublin City Council, Dun Laoghaire-Rathdown County Council, Fingal County Council and South Dublin County Council, (2005).

The Planning System and Flood Risk Management - Guidelines for Planning Authorities, Department of the Environment, Heritage and Local Government & OPW, (2009).

Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice, Building Research Establishment, (1991).

Planning & Development of Large-Scale Rail focused Areas in Dublin- National Transport Authority (May 2013).

Appropriate Assessment of Plans and Projects in Ireland – Guidance for Planning Authorities, Department of the Environment, Heritage and Local Government, (2009).

OPR Practice Note PN01 Appropriate Assessment Screening for Development Management, Office of the Planning Regulator (March 2021).

Relevant Policy in South Dublin County Development Plan 2022-2028

2 Core Strategy and Settlement Strategy

2.6.1 Land Capacity Study

Table 8: Total Land Capacity within Strategic Development Areas

Policy CS1: Strategic Development Areas

Table 9: Capacity of undeveloped lands within South Dublin

Table 10: Indicative Capacity of Additional Zoned Lands in the South Dublin County Development Plan 2022-2028

Land Capacity Sites

Figure 9: Housing Capacity Sites

2.6.5 Core Strategy – 2022-2028 Development Plan

Table 11: Core Strategy Table 2022-2028

2.6.6 Housing Strategy

2.7 Settlement Strategy

Table 14: RSES Settlement Hierarchy relating to South Dublin County Council

2.7.1 Dublin City and Suburbs - Key Urban Centres within Dublin City and Suburbs - Strategic Development Zones (SDZ)

Policy CS6: Settlement Strategy - Strategic Planning Principles

Policy CS7: Consolidation Areas within the Dublin City and Suburbs Settlement

Promote the consolidation and sustainable intensification of development within the Dublin City and Suburbs settlement boundary.

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CS7 Objective 4:

To promote and facilitate development at the Strategic Development Zones at Adamstown and Clonburris, in accordance with their planning scheme and associated phasing requirements, whilst adapting to and facilitating emerging transport service level pattern needs.

5 Quality Design and Healthy Placemaking

Policy QDP13: Plans / Frameworks – General

Continue to work closely with all infrastructure providers to ensure the timely delivery of social, community, economic and sustainable transportation infrastructure in tandem with new residential development and in accordance with the provisions of the County Development Plan or any Local Area Plan, SDZ Planning Scheme, other strategic land designations or framework / masterplan in place in the area.

5.4.2 Strategic Development Zones

Policy QDP15: Strategic Development Zones (SDZS)

Continue to implement the approved Planning Schemes for Adamstown and Clonburris SDZs. QDP15 Objective 1:

To support the delivery of the identified infrastructure to facilitate sustainable development in South Dublin's Strategic Development Zones.

7 Sustainable Movement

Table 7.5 Six Year Road Programme - Clonburris / Kishogue Street Network - Various streets within the Clonburris SDZ lands. - Formation of a strategic street network providing access throughout the Clonburris SDZ lands.

7 Community Infrastructure and Open Space

Policy COS2: Social / Community Infrastructure

COS2 SLO 3:

To provide for a Garda Station in Clonburris.

COS6 Objective 5:

To liaise with the Health Service Executive and all relevant bodies to support, promote and attract potential GP, Dental, Pharmacy and all other necessary medical services, to locate within the Adamstown and Clonburris SDZs, in order to urgently meet basic growing healthcare demands of the community.

COS14 Objective 2:

To provide a new fire station on lands identified in Clonburris SDZ.

8 Economic Development and Employment

Table 9.1: Retail Hierarchy for the Region – South Dublin County - Level 3 - Clonburris - Neighbourhood Centres, Local Centres-Small Towns and Villages

These centres usually contain one supermarket ranging in size from 1,000-2,500 sq.m with a limited range of supporting shops and retail services and possibly other services such as post offices, community centres or health clinics grouped together to create a focus for the local population. These centres meet the local day-to day needs of surrounding residents.

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Table 9.2: Settlement Hierarchy and Retail Hierarchy

Clonburris District Centre Level 3
Policy EDE12: Retail – District Centres

EDE12 Objective 3:

To support and facilitate the development of new District Centres of an appropriate urban scale at Adamstown and Clonburris in accordance with approved Planning Schemes having regard to the need to provide a sustainable retail mix that facilitates walking, cycling and use of public transport and reduces car journeys outside the SDZ for many retail needs.

9 Energy

Policy E5: Low Carbon District Heating Networks

Clonburris SDZ 2019

The Clonburris Strategic Development Zone (SDZ) Planning Scheme represents a shared outlook for the future residential, social, economic, and environmental development of a new planned and sustainable community in South Dublin County.

The Planning Scheme 2019 shall be used by the planning authority to assess planning applications in the SDZ. Planning Applications within the SDZ boundary shall be consistent with the Planning Scheme. The Planning Scheme form part of the Development Plan and any contrary provisions of the Development Plan are superseded by the Planning Scheme.

In a period of renewed growth in Ireland, the County is in a strong position to increase its share of residential and economic development within the Dublin Region. The development of the entire Planning Scheme is expected to deliver a target of 9,416, new homes, a minimum of 7,300sq.m gross community floorspace, approximately 22,520sq.m gross retail floorspace and in the range of 30,000 to 40,000sq.m employment floorspace.

Clonburris comprises 12 Development Areas, with the proposed development located in Development Areas 1 Clonburris Urban Centre (subsector CUC-S4) and 2 Clonburris South East (CSE-S1 & CSE-S2).

The key overarching principles of the 2019 Planning Scheme include the following:

- To prioritise the delivery of high quality services, utilities infrastructure, and sustainable urban surface water drainage;
- To ensure that the phasing and implementation of the SDZ occurs at a pace whereby it is supported by all necessary supporting community facilities, services, infrastructure and amenities, in order to ensure that place making is prioritised.
- To provide attractive, interesting and well used outdoor spaces using the latest place making and urban design principles, creating a pedestrian-centred environment with active, inviting public space, parks and private gardens.

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The application is assessed in accordance with the criteria set out in Development Areas 1 and 2. The Planning Scheme also comprises a Planning Framework which includes 12 Sections (Sections 2.1 - 2.12). These are set out below with the proposal appropriately assessed against each of them.

Assessment

The Clonburris Strategic Development Zone (SDZ) Planning Scheme 2019 is the principal planning document for the SDZ. The Planning Scheme is the approved framework for the guidance of development in Clonburris, against which all planning applications must be assessed. Section 170 of the Planning and Development Act states that proposed development <u>must be consistent with the Planning Scheme</u>.

The main issues for assessment relate to: Zoning and Council Policy, Phasing, Clonburris SDZ Character and Development Areas, Compliance with the Clonburris SDZ Planning Scheme, Environmental Impact Assessment and Appropriate Assessment.

1. Zoning and Council Policy

The site is located in an area which is zoned 'SDZ' 'To provide for strategic development in accordance with approved planning schemes' under the South Dublin County Council Development Plan 2022-2028. The principle of the construction of residential dwellings, creche and retail/commercial unit on this portion of the SDZ lands is consistent with the Clonburris SDZ Planning Scheme.

There is a Specific Local Objective COS2 SLO3: *To provide for a Garda Station in Clonburris* in the north-west corner of the site.

The Clonburris Planning Scheme states: Provision is made for such Garda Station in the Clonburris SDZ as may be necessary, the said site to be used as an alternative community facility in the event that it is not required by An Garda Siochána. In the event of An Garda Siochána identifying the need for the provision of a Garda Station at Clonburris, the station can be accommodated within the Kishogue or Clonburris Urban Centres.

There is no reference to a garda station in the subject application. It therefore does not need to be specifically addressed under this proposal.

1. Phasing

Overall Clonburris SDZ lands

The Planning Scheme includes a Phasing Programme in Section 4. The Phasing Table of the Planning Scheme is an element of the Phasing Approach and details a schedule and programme to plan and deliver strategic infrastructure and amenities on a phased basis in tandem with the development of residential units. The plans and strategies required prior to commencement have been agreed and will be considered as part of the assessment of this proposal.

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There have been two other applications for residential development in the Clonburris SDZ in addition to the subject application. This is as follows:

Ref.	Development	Catchment	No. of units	Status
	Area			
SDZ21A/0022	Clonburris	Clonburris	563 (as	Granted
	South West		permitted)	permission
SDCC Part 8	Kishogue South	Kishogue	263	Approved 2022
application	West			
SDCC Part 8	Canal Extension	Clonburris	116	Approved 2022
application				
Subject	Clonburris	Clonburris	294	Under
application	Urban Centre			consideration
SDZ22A/0010	and South East			
	Total	Clonburris:	1,236	942 no. units
		973 no. units		permitted
		Kishogue:		
		263 no. units		

The total number of units consented, should the subject application be granted/approved, <u>would equate to over 1,000 units</u>. The phasing programme is based on the premise that the number of residential units that may be constructed and occupied in each phase is dependent on the delivery of associated infrastructure to serve the expanding population. <u>In the event that the requirements are not delivered for a particular phase, a restriction on the construction and occupation of residential units in the next phase will apply.</u>

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Phase	Residential	Minimum delivery in Phase	Response
	Units	•	_
	constructed		
	and		
	occupied		
	Prior to	Surface Water Management Plan	These plans and strategies
	commencement	Parks and Landscape Strategy	have been agreed and will
	of development	(incorporating a Biodiversity	be considered as part of the
	•	Management Plan	assessment of this planning
		Water and Wastewater plans	proposal.
1A	0 - 1,000	-Retail Core development in	(applicant's response)
		accordance with the Place Making	- Retail core will be
		Requirements.	developed in separate
		-Development shall accord with	applications
		the Local Level Infrastructure	- Not applicable to subject
		Requirements in relation to	application.
		agreeing timeline for the opening	- Noted
		of Kishogue Train Station &	- Creche and
		completion of the realignment of	retail/commercial unit
		Lock Road (R120).	proposed. Innovation hub
		-Provision of Water and	under SDZ21A/0022.
		Wastewater infrastructure on a	
		pro rata basis in accordance with	
		detailed plans agreed with Irish	
		Water and SDCC.	
		-The <u>planning of works for the</u>	
		provision of community floor	
		space and the availability of	
		childcare spaces.	

The 1,000 no. units limit (as identified in Phase 1a) for the Clonburris catchment will not be exceeded under this application, and therefore no retail core development is required to be provided as part of this Phase. In relation to the other items, it is noted that these requirements are being addressed in the application, by SDCC or by other relevant stakeholders. The subject proposal is providing for adequate childcare spaces and the provision of community floorspace is noted under Reg. Ref. SDZ21A/0022.

It is therefore considered that the phasing requirements do not restrict the permitting of the subject proposal.

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Subject proposal

The applicant has proposed the phasing of the proposed development itself. It is envisaged that the development would be delivered in 3 no. phases. Phasing is proposed in tandem with the Link Road. Phase 1 is the central open space and development west of this, Phase 2 is development to the east and Phase 3 is the apartments, creche and retail plaza. The Planning Authority would consider that the delivery of the urban centre and facilities (i.e., creche) being delivered in Phase 1 is important to ensure the future residents are adequately provided for, however it is considered that the phasing of the development can be agreed **via condition**.

1. Clonburris SDZ Character and Development Areas

Character Areas

The subject site is located within the Clonburris Character Area. This is described in the Planning Scheme as follows:

'Will comprise clustering of residential, retail and commercial uses to form a centre located around the Clondalkin-Fonthill Railway Station. The centre will comprise medium to high density development located close to the public transport hub of heavy rail and planned Core Orbital bus services. Civic and community uses will also locate at the Clonburris centre and will contribute to the creation of an active and busy centre organised around a high quality designed Urban Square at its retail core. Development will transition outwards from the centre to medium and lower density residential development with local nodes, community floorspace, schools and high quality open spaces. Development will benefit from park and canal frontage to the south and west.'

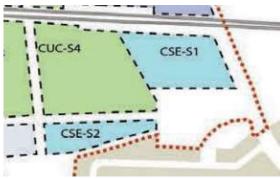
The subject site comprises of part of the Clonburris Urban Centre and wider residential development and open space areas.

Development Areas

The subject site is located in Development Area 1 Clonburris Urban Centre and Development Area 2 Clonburris South East. Specifically, Subsector 4 of the Urban Centre and both Subsectors 1 and 2 of South East.

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Clonburris SDZ Sub Sectors



Clonburris Urban Centre

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South East (input from Planning Report, site boundary not accurate)



Clonburris Urban Centre is one of the District Centre's of Clonburris. Key objectives for this development area include:

- To develop a high quality mixed use District Centre to serve the community of Clonburris and surrounding communities.
- To provide for significant commercial (non-retail) provision in areas of high accessibility to public transport.
- To provide for a District Centre level retail to support a range of needs within the district catchment.
- To develop a significant multi-purpose civic building for the entire SDZ area and surrounding communities.
- To ensure high levels of legibility and ease of orientation.
- To achieve high levels of permeability, particularly for pedestrians and cyclists.

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- To provide for transport interchange at the railway station, in particular, connecting rail, bus and cyclists.
- To provide a new civic space for Clonburris, which will serve as multi-functional business and social space focal space.
- To achieve good levels of continuity and enclosure along the arterial streets, Link Streets/avenues and the urban spaces.

Clonburris South East's key objectives include:

- To develop a high quality residential neighbourhood at Clonburris South East;
- *To integrate with existing development at Cappaghmore;*
- To provide locally accessible open spaces of local and strategic importance;
- *To ensure high levels of legibility and ease of orientation;*
- To provide a new Link Street/avenue between Clonburris urban centre and Lucan-Newlands Road:
- To prioritise pedestrian and cyclist movement and to provide for local bus services along the avenue;
- To provide for a range of housing along the new avenue and local streets including home zones;
- To provide significant and integrated SUDS infrastructure, including a high amenity retention pond/lake within a new strategic open space at Cappaghmore; and
- To retain the Cappamore Lodge Screen entrance wall as a gateway feature.

The SDZ plans show an Additional Heritage Structure located to the south-east of the subject site. This is determined to be the remaining Cappagh House gate lodge and is not included in the subject site.

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Development Areas Parameters

The Clonburris SDZ Planning Scheme details parameters governing development in the Clonburris Urban Centre and Clonburris South East and outlines the following requirements:

	Urban Centre		South East		Proposal	
Net Developable Area	CUC-S4 3.82ha		CSE-S1 2.17ha		Applicant to confirm	
_	CUC Total 17.90ha		CSE-S2 1.1	3ha	net development area	
	!		CSE Total 3.30ha		of CUC-S4.	
No of units (Target)	CUC-S4 41	4	CSE-S1 122		294	
	CUC Total 1,938		CSE-S2 79			
	,		CSE Total 201			
Net Density*	Subsector	Density	Subsector	Density	CUC-S4 84 dph	
	CUC-S4	67–150	CSE-S1	51-61	CSE-S1 70 dph	
			CSE-S2	65-75	CSE-S2 56 dph	
Affordable/Social	To be negotiated in		To be negotiated in		20% social housing	
dwellings	accordance with		accordance	with	proposed.	
	relevant legislation and		relevant legislation and			
	SDCC Housing Policy		SDCC Housing Policy			
Non-retail	CUC-S4 5,000sq.m		N/A		152.1sq.m	
commercial	CUC Total 18,515 sqm				retail/commercial unit	
development	min					
Retail development	CUC-S4 1,200sqm		N/A		152.1sq.m	
	CUC Total 16,520sqm				retail/commercial unit	
	max					
Community	2,500sqm min		N/A		None	
Building height	Subsector	Height	Subsector	Height	2-6 storeys	
	CUC-S4	2-8 storey	CSE-S1	2-4 storey		
			CSE-S2	2-6 storey		
Public open space	CUC-S4 3,600sq.m		Total 4,300 sqm (no		10,698sq.m	
	CUC Total	15,200sqm	breakdown per		1,116sq.m	
			subsector)			

^{*} Titled in the Planning Scheme as 'Average Net Density (Target)' for the Clonburris Urban Centre and 'Net Density' for Clonburris South East.

Key parameters are discussed as follows:

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Area Character Types

The Area Character Type for Clonburris Urban Centre is as follows:

The area will contain a diverse, mixed use development, containing the main retail, commercial and civic uses for the new urban centre based around a public plaza and a transport interchange on Fonthill Road North.

A major public plaza; Clonburris Square will be located in the north west section of the Urban Centre, to form a dynamic, vibrant place which will form part of the urban identity of the lands as a whole.

For Clonburris South East it is:

Mixed development area with medium density residential development close to the main Urban Centre.

The proposed development in terms of layout and design is largely in line with the Planning Scheme. A level of mixed use and a public plaza has been provided for. These are discussed further below. The retention of the north south hedgerow and incorporation in the landscaping and open space are welcomed. The proposed mix of housing, duplexes and apartments is appropriate.

The Planning Authority does have concerns in relation to the proposed layout and design for the open space on the western side of the site, including within the Clonburris Urban Centre.



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Housing with lower densities than what would have been envisioned for this development area is proposed. The higher density element of this part consists of 2 no. 4 and 6 storey apartment buildings.

The plaza in its current form is not considered to provide for a major public plaza that would be central to this subsector of the Urban Centre. The size and design of the plaza should be significantly revised.

Limited detail is provided on the design of this urban space, i.e., it is unknown how high the proposed concrete walls would be. A detailed design of the plaza should be submitted, including how it would connect with the Clonburris Urban Centre and wider area as indicated in the Planning Scheme.

The plaza should be enclosed on more than one side. Pedestrian and cyclist permeability and connections from the plaza need to be further considered. Further green infrastructure and SUDS should also be incorporated.

Cross sections of the plaza have been submitted, showing that the levels differ. The creche external play area would be located approx. 1.3m below the floor level of the plaza. This is not considered an appropriate location and disconnects the frontage of the northern block to the plaza. The creche external space should be relocated elsewhere, so that the ground floor of the northern block is level onto the plaza. A cross section should be provided of the retail/commercial unit onto the plaza.

The applicant is referred to Table 2.10.3 in relation to design criteria for this space.

Urban Squares	Objective	Components
Other local squares in urban centres	To provide local focal space for mixed use in the urban centres. To provide for a range of business and social activities.	Well enclosed urban space. Continuous surface and comfortable gradient. Uncluttered space, free of permanent features, to allow for range of activities in the space. High quality surface design and materials. High quality tree line and street furniture providing definition to the edges of the space Seating opportunities at edges of space. Focal work of public art or monument. Active perimeter ground floors. Passave surveillance by upper floor residential uses. Supporting element of evening economy.
To provide focal spaces for the urban centres, and the Planning Scheme incre generally. To provide robust, multi-functional and adoptable design. To host a range of activities. To provide for a comfortable and inviting space for all users. To accommodate evening economy.		Hard and permeable continuous surface, with innovative SUCIS measures. Unclustered free space. Tree-fining for definition of edges of the space. High quality street furniture and lighting on permeter. Public act or central feature. Managed vehicular access for loading and emergency services only.

The level of commercial/retail floorspace should be increased or at least be further facilitated within this part of the site. The Planning Scheme indicates a Secondary Retail Frontage around the urban space (plaza) with a north-west (secondary retail frontage) connection to Fonthill Road. Stronger commercial/retail frontages should therefore be provided.

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Master planning of how the proposal would integrate with and help deliver the rest of the Clonburris Urban Centre is required. The potential future development of the remainder of the CUC-S4 and CSE-S2 subsectors should be indicated. The proposal should not prejudice the development of the lands to the west. In the short term, how the proposal integrates with the existing western lands, including the park and ride and pumping station, should also be addressed.

The Planning Authority also has concerns in relation to the design of the site at the junction of the permitted Link Road to Ninth Lock Road.



This is indicated as an area of open space under the Planning Scheme. A quality designed entrance to the SDZ lands should be provided. Further open space and landscaping at this entrance should be considered. The easternmost road off the south of the Link Road, which accesses onto a parking courtyard, should also be omitted, and replaced with open space.

The above should be addressed via additional information. Net

Developable Areas

Not all of Clonburris Urban Centre is located within the subject site. The Planning Report states that approx. 1.7ha can be discounted from the net development area of subsector CUC-S4 which lies outside the application site, thus leaving approx. 2.12ha of CUC-S4 within the applicant site. **However, the applicant should be requested to clarify this** (due to anomalies found in density calculations).

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The Planning Report also states that an approx. 0.17ha strip of CSE-S1 along the eastern boundary can be discounted that is outside the subject site and in separate ownership.

The Planning Authority would request that this strip be included within the site boundary (with relevant consent from owner). This is discussed further in this report. Approx. 0.4ha of CSE-S2 can also be discounted and lies outside of the subject site. The part that sits outside includes the permitted pumping station.

No. of Units (Target)

294 no. units are proposed. This fulfils the target for CSE of 201 no. It part fulfils the target for CUC-S4, leaving 321 no. units to be provided on the remainder of this subsector and CES-S2. Whether this is feasible to be delivered should be explored by the applicant. This should be addressed through the submission of an indicative layout for the western lands in line with the Planning Scheme. **To be addressed via additional information.**

Net Residential Density

Section 2.1.5 of the Planning Scheme sets out the density margins for each sub sector. The lower end of each of the density margins represents the minimum densities achievable and the upper end of each of the density margins represents the maximum densities achievable in each Sub Sector. CUC has a wider range of minimum and maximum densities. Density is calculated on the basis of net development area.

The Planning Report states that there are 143 no. units proposed within the CUC part of the site (stated as 2.12ha within the application site), resulting in a proposed density of 84dph. However, 143 no. units on 2.12ha would be approx. 67 dph. **The applicant should be requested to clarify this.**

The proposed densities for the Clonburris South East subsectors would be outside the margins. The proposed density for Clonburris SE Subsector 1 is 70dph, which is above the 61 max net density margins. **This should be revised to within the prescribed margin.** The proposed density for Clonburris SE Subsector 2 is 56 dph, which is below the 65dph minimum net density margin. However, it is noted that there is developable area left for this subsector, to make up this density.

Affordable/Social dwellings

The SDCC Housing Department have provided a report on the proposed development. They state that a Part V condition should be attached to any grant of permission for this application: Kelland Homes Ltd has engaged with the Housing Department, South Dublin County Council regarding a Part V proposal. The proposal submitted by the applicant to provide 20 apartments in Block B, 6 x 2 bed duplexes and 6 x 3 bed duplexes for social housing with their application is noted however this is not in line with the most recent proposal in discussion with the Housing Department. The Housing Department would prefer that a revised proposal is submitted that is more reflective of unit mix and to provide for better integration within the development. The applicant has confirmed that they will incorporate wheelchair liveable units on the site.

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Further proposals are subject to review and consideration by the Housing Department & planning approval.

The applicant has also provided a proposal for an additional 10% of the on-site units for an affordable housing scheme. The details of same are to be agreed at a later stage.

South Dublin County Council can only agree Part V in respect of the permitted development subject to costing approval from the Department of Housing, Local Government & Heritage. Please note that the Council would require a fully completed Part V submission prior to commenting on costs.

The Part V percentage liability is dependent on the date the applicant purchased the subject site and the applicant is requested to provide proof of same to the Housing Department if planning permission is granted.

This report is noted. The proposed Part V provision should be revised via additional information.

Commercial and Retail Floorspace

The Clonburris Urban Centre has for subsector 4 a minimum commercial floorspace requirement of 5,000sq.m and maximum retail floorspace of 1,200sq.m. An approx. 152sq.m retail/commercial unit is proposed on the ground floor of Apartment Block A facing the urban plaza.

This provision is a significantly low contribution of retail/commercial floorspace to the Clonburris Urban Centre. While it is acknowledged that only part of subsector 4 is located within the subject site, the remainder of this subsector would have to provide a significant amount of non-retail commercial floorspace (4,848sq.m). The applicant should be requested to provide for or facilitate further non-retail commercial floorspace within the development. Further provision of retail floorspace should also be considered. **This should be requested via additional information.**

Community Floorspace

2,500sqm minimum indicated in the Clonburris Urban Centre. This is identified for CUC S1 and is not relevant to this site.

Building Height

The proposed building heights of 2 to 6 storeys is in accordance with the SDZ. The apartment buildings would be 4 and 6 storeys in height, duplexes 3 storeys and houses 2 storeys. Figure 3.3.2 of the Scheme provides further detail in the form of a building height concept and the urban design approach to building height will be assessed later in this report.

Public Open Space

Public open space is largely being provided along the existing north south hedgerow. Incidental and strips of open space are included in the calculation. The public open space area indicated to the north of the attenuation pond (to the north of the Link Road) is not being provided. This is discussed further in this report.

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2. Consistency with the Clonburris SDZ Planning Scheme

In addition to the specific requirements of the development area, the planning application should satisfy the requirements of Section 2, which sets out 12 individual topic areas.

Land Use and Density

Section 2.1 of the Planning Scheme sets out the following sections relevant to this development:

- Types of Development
- Extent of Development
- Residential Density
- Residential Development Standards

Types of Development

The subject site is located across a combination of primarily residential, mixed use – retail community & residential and open space lands as indicated in Figure 2.1.2 Land Use Area Map of the SDZ. 'Residential' development is Permitted in Principle in Residential and Mixed Use areas of the SDZ.

Extent of Development

Section 2.1.4 states the full extent of development for the Planning Scheme. This is further broken down in the Planning Scheme by policy and quantitatively under Section 2.13 and Development Areas. Assessed above.

Residential Density

Discussed in previous section of this report.

Residential Development Standards

Dwelling Mix

Noted that a key objective for CSE is to provide for a range of housing along the new avenue and local streets including home zones.

Section 2.1.6 of the Scheme states "Prescribed densities and building heights (see Section 2.8 Built Form and Design) will, however, help inform the appropriate dwelling typologies in each Development Area." There is, therefore, no prescribed unit mix in the Scheme.

In accordance with SPPR 1 of the apartment guidelines 'Apartment developments may include up to 50% one-bedroom or studio type units (with no more than 20-25% of the total proposed development as studios) and there shall be no minimum requirement for apartments with three or more bedrooms. Statutory development plans may specify a mix for apartment and other housing developments, but only further to an evidence-based Housing Need and Demand Assessment (HNDA), that has been agreed on an area, county, city or metropolitan area basis and incorporated into the relevant development plan(s).'

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The proposed development comprises of **294 no. houses, duplexes and apartments**. These would have the following dwelling mix (abstract from the submitted Planning Report):

	1 bed	2 beds*	3 beds	4 beds	Total
Houses	0	19	87	12	118
Duplexes	0	52	52	0	104
Apartments	19	53	0	0	72
Total	19	124	139	12	294
Percentage	10%	39%	39%	12%	100%

^{*}Of the 53 no. 2 bed apartments 16 no. would be 3 person and 37 no. 4 person.

It is considered that the mix of units proposed will contribute to a good overall mix and achievement of the key objective for the CSE Development Area.

Dwelling Size & Private Amenity Space

The applicant has submitted a Housing Quality Assessment (HQA) and drawings of the proposed units. These documents demonstrate that the proposed houses, duplexes, and apartments would meet or exceed the minimum space requirements in relation the floor areas and private open space in the Planning Scheme, Quality Housing for Sustainable Communities Guidelines (2007), and Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities (2020).

The proposal provides for the provision of 2 bed / 3 person apartments. The Planning Scheme does not differentiate between 3 person and 4 person 2 bed apartments and requires a minimum space standard of 73sq.m for 2 bed apartments. Some of the proposed 2 bed / 3 person apartments would be under this (72.3sq.m). However, they would only be marginally under and are therefore acceptable. The Planning Report states that 16 no. 2 bed / 3 person apartments would be provided. However, the HQA only identifies 6 no. **This should be clarified via additional information.** Section 2.1.6 of the Planning Scheme states that individual dwelling units should be capable of adaptation to meet the changing needs of the residents during the course of their lifetime. The Design Statement states that the dwellings are designed to facilitate future adaptability. The bathroom layout facilitates later adaptation for wheelchair users. Walls adjacent to baths and WCs will be of sufficient strength to allow for the fixing of grab rails etc. The houses have the potential to be extended at ground level into the rear garden or into the attic given the roof profile.

Communal Open Space

Communal open space should be designed in accordance with the Apartment Guidelines (2020) and Table 2.1.10 of the Planning Scheme. Communal open space is provided to the north of Apartment Building A and to the south of Apartment Building B. The quantity of communal open space proposed complies, however, limited detail is provided in relation to the design of these spaces. Bow top metal railing is proposed around these spaces. This is not visually acceptable. The communal open space for Apartment Block A is also located to the north of this block (sunlight access).

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Further detail and a revised design should be submitted via additional information.

Consideration should be given to how this space would tie in with potential development to the west.

Dual Aspect

Whilst not set out in the Scheme, SPPR4 of the Apartment Guidelines (2020), the minimum number of dual aspect apartments that may be provided in any single scheme in suburban or intermediate locations shall be 50% and in more central accessible urban locations 33%. The dual aspect ratio of Apartment Block A would be 30% and Apartment Block B 68%. There would be no north facing single aspect units.

The Planning Authority has concerns in regard to the low provision of dual or more aspect apartments in Block A. A higher provision should be provided given the nature of the site (greenfield). **This should be addressed via additional information.**

Movement and Transport

Section 2.2 of the Planning Scheme details the Movement and Transport elements of the Planning Scheme.

The overarching principle states the following: 'To develop the SDZ lands in a manner that maximises existing and proposed public transport opportunities, including high quality rail and bus services, and support these opportunities with an integrated network of streets and routes with a clear hierarchy that promotes walking and cycling.'

Public Transport Accessibility

The SDZ is well served by existing and planned public transport provision. The key element for the subject application is to provide for and integrate with a choice of direct or indirect multi modal routes to existing or planned public transport. In the context of the subject site, connection to the Train Station, the Fonthill Road and the Clonburris South Link Street is required.

Pedestrian and Cycle Movement & Street Network and Vehicular Movement

Noted that key objectives for the CUC and CSE Development Areas include to ensure high levels of legibility and ease of orientation and to provide a new Link Street/avenue between Clonburris urban centre and Lucan-Newlands Road.

The Planning Scheme outlines the rationale behind the street network and outlines that the street network developed forms an integral part of the movement framework. The Planning Scheme outlines that the alignment of the street network should largely have an orthogonal grid layout and shall largely comprise an open network in terms of permeability. Local Streets that provide through routes for strategic pedestrian and cyclist should be filtered to prioritise pedestrians and cyclists where junctions intersect with Link or Arterial Streets.

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The Planning Scheme provides an Overall Movement Concept in Figure 2.2.7 to demonstrate same. This indicates a Proposed Strategic Pedestrian Cycle Route along the northern and eastern boundaries of the subject site. This is noted as existing and should be incorporated into the overall layout and design of the proposed development. The figure also indicates a Proposed Strategic Pedestrian Cycle Route from the site, along the east of the permitted pumping station, to the Grand Canal. The applicant should demonstrate how this route connects with the subject site and through to the Clonburris Urban Centre and wider area. **This should be addressed via additional information.**

Having regard to the above, it is considered that the movement and street network proposed by the applicant is not consistent with the Planning Scheme in terms of an open permeability network and priority for cyclist and pedestrian movement.

Street Hierarchy and Movement

In relation to street hierarchy and movement, the Roads Department have reviewed the proposed development and request additional information:



Figure 1 proposed layout

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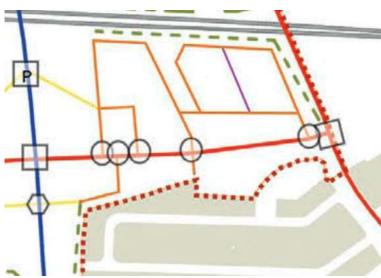


Figure 2 roads and junction layout from SDZ

Access & Roads Layout: The roads layout is somewhat like the SDZ, there is a link road missing across the middle section. The number of junctions onto the main east-west link road (SDZ20A/0021) correspond to the proposed layout.

Figure 3 roads layout SDZ20A/0021

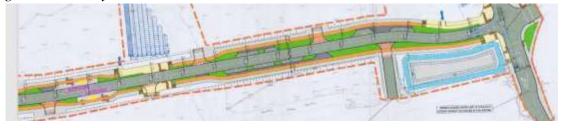
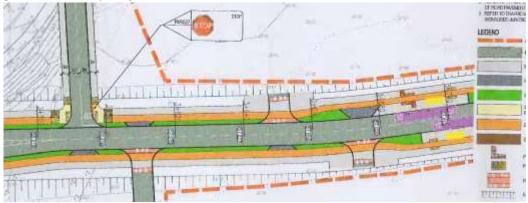


Figure 4 roads layout from SD20AA/0021



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Figure 5 parallel parking on both sides of the road.

Sightlines for the developments junctions have been provided and are adequate. An Autotrack showing fire tender access to the development has been provided and is satisfactory. Refuse vehicle auto tracking is also sufficient.

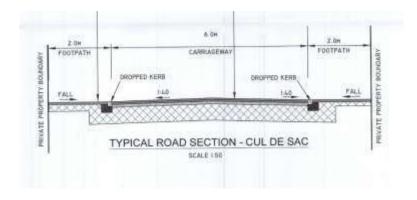


Figure 7 road cross sections.

The applicant has provided road cross section details, the details refer to "Cul De Sac" they should refer to the road types identified in the road's layout plan, i.e., Homezone, Link Road etc. and should match the dimensions overall widths and parking arrangements of the road types provided in the SDZ planning scheme.

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The overall street layout differs to the Planning Scheme in some locations. The Roads Department have requested that a street is provided across the middle section to the north. This would cut through the hedgerow/tree line proposed for retention.

While the Planning Authority notes that this link is indicated in the Planning Scheme; the Planning Scheme also requires the retention of existing green infrastructure. It is proposed to provide a pedestrian link through this. The Planning Authority considers this to be sufficient and would like to restrict the breaking up of the hedgerow/tree line.

Connection to Whitton Avenue

The Roads Department states that following in relation to the proposed link to Whitton Avenue:



Figure 6 A link is required to Whitton Avenue.

The applicant is required to provide a complete vehicle and pedestrian link to the Whitton Avenue development. Details of the how the connection is to be made are required the carriageway and footpath should be continuous and link with the proposed development.

Third party submitters have raised concerns in relation to access via Whitton Avenue. The proposed layout facilitates a potential future link road to Whitton Avenue. Given the layout of Whitton Avenue this does not provide for access should the subject application be permitted. The layout at Whitton Avenue would have to be amended to allow this.

When the houses at Whitton Avenue were permitted, the following was conditioned (Condition No. 2 of Reg. Ref. SDZ14A/0002):

The access road to site shall be temporary and shall be closed from Ninth Lock Road with an alternative access route provided in **conjunction with the development of those lands to the north of the site**. The new access route shall be fully integrated with the street network and block structure of these lands to the satisfaction of the Planning Authority.

REASON: In the interests of cohesive and orderly development of the Clonburris SDZ lands.

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The 10 year permission for road and drainage infrastructure works for Clonburris SDZ provided for access to Whitton Avenue as required under Reg. Ref. SDZ14A/0002. This was proposed directly adjacent to the above ground attenuation at the eastern end of the Link Road. The proposed location of the access Whitton Avenue was required to be amended via condition (Condition No. 3 of Reg. Ref. SDZ20A/0021). The Planner's Report stated that the proposed location is not acceptable, and it would cut through open space. It is noted that under the subject proposal this road is being proposed again, although not for the purpose of providing access to Whitton Avenue.

A compliance submission was submitted for Condition No. 3 that amended the location of the access to Whitton Avenue so that it was further west along Link Road and would link with the western end of Whitton Avenue. This compliance submission was deemed not compliant due to the siting of lighting columns and that there may be drainage issues regarding the connection to Whitton Avenue as has occurred in the past. The proposed location and design of the access align with what has been submitted under this application.

Further detail is required in relation to this access, including the levels across the access within the site and Whitton Avenue. Pedestrian and cyclist access need to be considered. A revised layout and design should be provided via additional information. The layout drawing should be not less than 1:200.

Street Design

The principle of all designated streets in the Planning Scheme is fixed. It is considered that the approach of the proposed development in terms of street designation is generally consistent with the Planning Scheme.

Section 2.2.4 of the Scheme outlines that the centre line and alignment of the Local Streets and Homezones are flexible with the exception of streets with frontages prescribed under Section 3 (Development Areas). In this instance within the CUC-S4 part of the site are Avenue and Park Frontages. The CSE subsectors have Avenue, Park, and Railway Frontages.



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The subject application largely maintains the Local Street and Intimate Local Street alignment in the north-east part of the site. The Local Street alignment in the north-western part of the site, in CUC-S4, is amended and Local Streets/ frontages are not provided around the urban plaza as indicated in the Planning Scheme. This would have Avenue Frontages onto it. This should be provided. The Planning Scheme does not provide for the easternmost cul-de-sac to the south of the Link Road. This should be omitted and replaced with open space. **This should be addressed via additional information.**

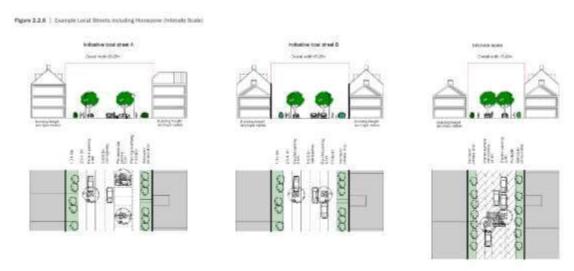
It is noted the Planning Scheme outlines that some slight plot adjustment for each Sub Sector may be acceptable provided that this would not affect prescribed dwelling numbers/densities or non-residential floorspace for any Sub Sector; would not significantly affect the gross or net development area of any Sub Sector.

The Scheme states that the onus is on developers/applicants to demonstrate that a proposed development involving a plot adjustment would not significantly affect the prescribed alignment or centre line of any fixed street; would not significantly affect prescribed building lines of any fixed street; would not adversely impact on the environment or environmental objectives contained in the SEA Environmental Report (including required setback from the Grand Canal); and would not have any implications in relation to European Sites. **This should be addressed via additional information.**

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The proposed overall street widths are largely in line with the Planning Scheme. However, the Planning Authority does have concerns in relation to the allocation of space within these, particularly the Local Streets and Intimate Local Streets. Reference is made to Figure 2.2.6 in the Planning Scheme.



The Planning Authority has concerns about the level of perpendicular car parking on the local streets and the on curtilage parking in intimate local streets. The footpaths on the local street are approx. 2m when they should be 2.5-4.0m. Intimate Local Streets should be fully shared surfaces for the integrated movement of vehicles, pedestrians, and cyclists in quieter residential areas. The intimate local street in the east of the site should be significantly redesigned in line with the Planning Scheme. The applicant is requested to submit revised plans indicating revised details via **additional information**. Cross sections should also be provided.

It is considered that Street Trees have also not been appropriately addressed. This is discussed in more detail below.

Pedestrian Permeability

Note key objectives for CUC and CSE Development Areas include to achieve high levels of permeability, particularly for pedestrians and cyclists and to prioritise pedestrian and cyclist movement.

In relation to permeability the Roads Department states the following:

The overall permeability matches the SDZ planning scheme, a pedestrian/cycle link to the train station at Fonthill should be provided in the north-west of the development to match the planning scheme (towards the P in Figure 2)

The Roads Department requests details of the pedestrian routes within the development that comply with the SDZ planning scheme. **This should be requested via additional information.**

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Car and Bicycle Parking
Car Parking Quantum

The Roads Department have reviewed car parking provision and state the following: *Proposed Reduced Parking Standards for the SDZ*

The following reductions in the CDP Zone 2 parking standards are put forward to support the principles of sustainability of the site and the implementation of the mobility management plans for the SDZ:

Accessibility Level 1: 1 Bedroom Apartments – 0 spaces (car free)

(Density 80dph) 2 Bedroom Apartments – 0.75 space

3 Bedroom Apartments – 1 space

This development is within Accessibility level 1 and the max parking rates of Zone 2 will apply.

The car parking provision is not clear, the amount of 2 and 3 bed units needs to be quantified and the apportionment of spaces identified. The applicant should submit a breakdown of parking spaces set against the number of dwellings in the development. The applicant should also take no of the NTA submission requesting for a significant reduction in the amount of parking at this development considering the future DART proposals.

The National Transport Authority has submitted an observation on the proposal stating that they have concerns with the provision of car parking of 2 no. spaces per house given the following:

- The site is adjacent to Clondalkin / Fonthill train station which is served by regular commuter services throughout the day, and which will benefit from high-frequency DART services in the future;
- Clonburris is being progressed as an exemplar of sustainable transport whereby public transport, walking and cycling will be the predominant modes for all travel, including travel within Clonburris for daily needs such as retail and schools; and
- Providing for the maximum number of spaces permissible for any element of the proposed development sets an undesirable precedent for the development of the remainder of the SDZ and is likely to undermine the strategic transport objectives for the area.

NTA Recommendation

The NTA recommends that, in order to ensure that the Clonburris SDZ is developed in a sustainable manner, the off-street parking provided for the housing is reduced to 1 per unit in order to reflect the site's accessibility to high-quality existing and proposed public transport services and to reflect the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes public transport, walking and cycling, and which minimises the potential impact of development on the surrounding road network.

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The Roads Department requests that a colour coded plan of vehicle parking and bicycle parking across the development should be submitted to ensure compliance with the SDZ planning scheme at accessibility level 1. **This should be requested via additional information.** Consideration should be given to reducing the overall quantum of car parking in line with NTA's submission and the location and accessibility of the site.

Car Parking Layout

No more than 60% of residential parking spaces shall be provided as in-curtilage parking spaces in any Development Area. The Planning Scheme states that parking within Home Zones/Intimate Local Streets shall be on-street.

In this context, the Planning Authority has concerns in relation to the approach of the proposed development to car parking. It appears from the site layout plan and the taking in charge drawings that the majority of car parking is in-curtilage. The Scheme states that parking within Home Zones/Intimate Local Streets shall be on- street. Further consideration of the approach to car parking is required by way of **additional information**.

This issue is interlinked with the design of the public realm. Noted that the Parking Strategy in the Transport Assessment and Strategy examined the spatial requirement for residential on-street parking, concluding that maximum parking standard provision could be met on-street with only a few areas requiring supplementary parking.

Bicycle Parking

The Roads Department states that the amount of bicycle parking 797no. the locations have been identified on the layout. The applicant should make provision for bicycle parking in public areas such as parks/playgrounds. The parking should be covered and secure to promote bicycle use across the development.

The addition of electric bicycle charging facilities has been incorporated in the Clonburris SDZ requiring 10% bicycle parking provision to provide for charging. The Roads Department requests additional information showing details of how it is proposed to comply with these requirements including details of the design of, and signage for, the electric charging points. **This should be requested via additional information.**

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Other Roads items

In addition, the Roads Department raised the following:

Taking in Charge:



Figure 8 taking in charge map

A taking in charge map has been provided, the layout shows two roads not been offered for Taking in charge (Figure 7) the applicant should provide a reason for not having these roads in public ownership. The layout details some car parking spaces being offered for TIC details of the construction of these spaces is required. the spaces must confirm to SDCC specifications for road construction.

Public Lighting

A public lighting layout has been submitted; this plan requires agreement from SDCC prior to commencement.

Road Construction Details:

An outline construction management plan has been submitted. A more detailed completed plan must be submitted prior to commencement.

The road safety audit submitted is not for this development, the applicant should supply a road safety as requested by the TII.

The above should be requested via condition or additional information where appropriate.

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Green and Blue Infrastructure

The overarching principle states 'To deliver a network of high quality green and blue infrastructure spaces and public parks while protecting, enhancing and sensitively upgrading the natural, built and cultural assets of Clonburris lands.'

Figure 2.3.1 of the Planning Scheme outlines the Green Infrastructure Network for the lands. As identified by the Public Realm Section the following is noted for the subject site:

- 1. Strategic Green Corridor along the northern boundary of the site adjacent to the Dublin-Cork Railway.
- 2. Local Green Corridors:
- i. approximately N-S along the Eastern Boundary;
- ii. approximately N-S through the centre of the development; and
- iii. approximately N-S and E-W along the westernmost local street south of Clonburris Link Street. These local green corridors are required to connect the Strategic Green Corridors along the Grand Canal and Dublin-Cork Railway line.
- 3. Tree Lined Streets throughout with street trees on both sides

The retention of the north south tree line/hedgerow helps provide the Local Green Corridor running through the site. The proposal has the potential to contribute to the indicated green corridors along the northern and eastern boundaries of the site. Narrow strips of open space are proposed along these boundaries. However, the applicant should be requested to extend the site boundary to the railway line to the north and bridge to the east and incorporate the existing pathway and open space here. The existing green palisade fence should be removed to facilitate this. Landscaping along these corridors should make a significant contribution to the site and wider green infrastructure network. **Revised plans should be submitted via additional information.**

The Strategic Green Corridor along the northern boundary of the site adjacent to the Dublin-Cork Railway is not apparent. A revised proposal taking account of the Parks and Landscape Strategy is required.

Urban Centres, Retail, Economic & Community Facilities and Public Services

Section 2.4 covers Urban Centres. Clonburris Urban Centre is the primary district catchment of the SDZ lands. The urban centre is indicated for mixed use development of retail, community and residential. The current proposal for this area is primarily residential with a limited provision of retail/commercial floorspace. The Planning Authority has concerns with the proposed uses and layout of the proposal in this particular area of the site as previously discussed in this report.

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A childcare facility is proposed at the ground floor of Apartment Block A. This facility would be approx. 520.2sq.m in size and is estimated to cater for 84 no. children at a minimum. 3 no. car and 13 no. bicycle parking spaces are proposed for the unit. Table 2.7.2 of the Planning Scheme states that the minimum full-time childcare places for the Clonburris Urban Centre is 200 no. and for the total scheme 900 no. The proposed childcare facility has been sized to cater for the proposed 294 no. units.

While it would be preferable to rationalise the childcare spaces into one facility at the Clonburris Urban Centre, it is noted that the subject site only encompasses part of the overall urban centre. The proposed facility is therefore considered to be acceptable. Opening hours etc. can be agreed by way of **condition.**

Built Form and Design

Design Statements

Under the Planning Scheme, developments of this size are required to submit a Design Statement with their application. A Design Statement has been submitted with the application. This is assessed against the content requirements under the Planning Scheme as follows:

Criteria	Response
Demonstrates compliance with this SDZ	The submitted Design Statement does not
Planning Scheme including its various	adequately address this. This can be addressed
requirements that relate to (inter alia) green	via additional information.
infrastructure, blue infrastructure,	
movement, transport, land use, density (see	
Section 2.1.5 – Residential Density), built	
form and design;	
Includes a masterplan that demonstrates	The permitted roads and services infrastructure
proposed and future integration with the	has been incorporated into the development.
development of surrounding sites and	Further consideration, including an indicative
Development Areas including vehicular,	layout, of the remainder of the Clonburris Urban
pedestrian, cycle, and public transport	Centre, including the remainder of subsector 4,
connections;	needs to be addressed. This can be addressed
	via additional information.
Demonstrates compliance with the 12	This has been covered in the Design Statement.
design criteria contained within the Urban	Further consideration required to items such as
Design Manual A Best Practice Guide	design, parking etc.
(2009) in the case of residential	
development;	
Demonstrates a range of dwelling sizes to	A range of dwelling sizes proposed. Houses
support a variety of household sizes and	range in size from 86.2sq.m to 132.8sq.m;
dwelling types;	Duplexes range in size from 73.1sq.m to
	111.8sq.m; and Apartments range in size from
	48.0sq.m to 93.3sq.m.

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Demonstrates compliance with the 10 design criteria contained within the Retail Design Manual (2012) in the case of retail development;	A retail unit of 152.1sq.m is proposed. Not of a significant size to justify this level of assessment. However, concerns with compliance with SDZ. This can be addressed via additional information.
Includes street cross sections and plans that demonstrate compliance with DMURS (2013) in terms of 'Movement, Place and Speed', 'Streetscape,' 'Pedestrian and Cyclist Environment' and 'Carriageway Conditions' etc.;	DMURS has not been addressed in the Design Statement. This can be addressed via additional information.
Includes a Quality Audit addressing street design as outlined under DMURS (2013);	Not apparent a Quality Audit has been undertaken. This can be addressed via additional information.
Includes cross sections that demonstrates appropriate design responses to existing and proposed site levels including those that relate to streets, spaces, building frontages, services, and SUDS;	Not provided. This can be addressed via additional information.
Is accompanied by a detailed Landscape Plan that is consistent with the Parks and Landscape Strategy for the SDZ lands (see Section 2.10 – Landscape and Open Space) and specifies and illustrates the proposed treatment of streets and spaces including parking, street furniture, lighting (street and dedicated pedestrian/cycle routes), planting, surface treatment and children's play facilities; and	Landscape proposals have been submitted. Revised proposals are requested. This can be addressed via additional information.
Includes details in relation to the identification and incorporation of any features and structures of architectural merit and/or any sites and features of archaeological interest. Where practicable, the design of a development should be informed by its relationship with archaeological or architectural features located either within or outside the SDZ Lands such as the Clondalkin Round Tower	Archaeological assessment has been submitted. Mitigation measures proposed.

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The applicant should be requested to submit an updated Design Statement that fully provides the above information in accordance with the Design Statements section under 2.8.2 of the Planning Scheme.

The submitted Design Statement provides the following assessment (in summary) against the Urban Design Manual – A Best Practice Guide 2009:

Urban Design Criteria	Assessment
1. Context: How does the	Designed to be cognisant of wider lands,
development respond to its	electricity lines, existing vegetation, services,
surroundings?	topography, existing residences, road proposals
	and green infrastructure.
2. Connections: How well is the	Link Road through the site connects with Fonthill
new neighbourhood / site	Road and the rest of the SDZ and with Ninth
connected?	Lock Road. Avoids the overuse of cul-de-sacs.
	Pedestrian and cyclist connections. The
	connection to the lands to the south, Whitton
	Avenue, requires further consideration. This
	should be addressed via additional
	information.
3. Inclusivity: How easily can	Range of residential accommodation proposed.
people use and access the	Compliant with Part M of the Building
development?	Regulations and other relevant guidance. Open
	and accessible to all.
4. Variety: How does the	Network of open space. Range of house types.
development promote a good mix	Provision of social and affordable housing.
of activities?	
5. Efficiency: How does the	Overall density of site to be confirmed once net
development make appropriate	development area is confirmed. Balance of varied
use of resources, including land?	accommodation types and network of open
	spaces. Landscape spaces provide amenity and
	protection from the elements. Mix of tree species.
	Site drainage.
6. Distinctiveness: How do the	Quality of design and materials proposed,
proposals create a sense of place?	individual entrance designs and retained and
	enhanced green infrastructure. Central open space
	and network of pocket parks provide discernible
	focal points.

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7. Layout: How does the proposal create people-friendly streets and spaces?	Organised around open space. Main link road connecting the site together and forming a clear spine. Pedestrian and cyclists routes, through landscaped areas where possible. Active street frontage and passive surveillance of open space. Hierarchy of roads. Dutch gable facades of duplexes and landmark apartment buildings provide a clear and identifiable urban edge.
8. Public Realm: How safe, secure, and enjoyable are the public areas?	Provides for recreation, social interaction, active play, and quiet and calming spaces. Accessible and inclusive to all. Range of spaces. Primary public open space will be a central feature. Provision for passive surveillance.
9. Adaptability: How will the buildings cope with change?	Designs that are flexible and enhance longevity. Building orientation optimised. Compliance with Part L. good natural daylight and thermal performance. Designed to facilitate future adaptability.
10. Privacy / Amenity: How do the buildings provide a decent standard of amenity?	Designed to meet or exceed relevant guidance/standards. Private zones at building edges. Public spaces overlooked.
11. Parking: How will the parking be secure and attractive?	Mixture of on-curtilage and on-street car parking. Tree planting between street parking. Bicycle parking for houses within curtilage. Bicycle parking provision for apartments and duplexes.
12. Detailed Design: How well thought through is the building and landscape design?	High quality materials. The apartment blocks have been designed so that they can be easily maintained. Location and connection of open spaces.

External Finishes and Appearance

The submitted Architectural Design Statement with the application provides details on the proposed materials and finishes. The proposed materials are largely render and brick. The houses and duplexes would have render and brick, with more so render. The apartment blocks would have brick. The Planning Authority is of the opinion that more brick should be incorporated into the design in terms of longevity.

The development proposes 2 no. apartment blocks. The northernmost building, Apartment Block A, is 2 to 6 storeys in height. The break-up of massing and the two storey element to the public plaza is welcomed. The two storey element of this building should be reduced in depth so that there is a sense of enclosure from this building for the plaza. Own door apartments should be considered, especially for Apartment Block A.

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To the south, Apartment Block B, this building would be 4 storeys in height. The glazing on the balconies for the apartment buildings should be replaced with metal railings.

It is indicated that a building lifecycle report is appended to the submitted Design Statement. However, this does not appear to be appended.

Solar panels are proposed on the apartment blocks. The total megawatt output should be clarified.

The above should be submitted via additional information.

Block Form

Buildings shall be laid out in perimeter blocks and designed according to the following principles:

Assessment of Proposal
Blocks do not address the road to the rear of
the duplexes facing the Link Road. This
should be revised via additional
information.
The entrances to end units Type A3 are on
the side elevations.
Side elevation of Type A1 not submitted.
The entrances on the side elevation of some
of the duplex units are welcomed.
Largely addressed.
To be clarified.
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
To be clarified.
D-4-114
Detail not provided on layout plan – additional information
Detail not provided on layout plan – additional information
Car parking to be revised.
Car parking to be revised.
Detail not provided – additional
information
AAAA VA AAAWWA VAA

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Block Size

In order to encourage pedestrian permeability and ensure that streets and blocks are dimensioned to reflect their function and setting, reduced block lengths shall be utilised across the SDZ lands. Block dimensions in the Development Areas that are contiguous to both urban centres should be no more than 100 metres. Larger or irregular blocks of up to 120 metres should be broken up using mid-block penetration with short cul-de-sac/mews development to serve a small number of dwellings. **The applicant should confirm via additional information that this has been addressed.**

Topography

All Development shall respond sensitively to level differences particularly in those areas of the SDZ Lands where levels change significantly either side of existing strategic roads. Development should therefore be laid out and designed in a manner that circumvents the need for retaining walls and blank frontages.

Gradients on all Link Streets and Local Streets should be as gradual as possible with a gradient of between 1 in 33 (or 3%) and 1 in 20 (or 5%) targeted. In pedestrian streets and the urban squares, a gradient change of between 1 in 33 (or 3%) shall be targeted and all surfaces should be smooth and continuous with a gentle slope while avoiding, where possible, steps in level. In some areas level changes will need to be carefully regraded. In other areas basement car-parking, services or storage can be provided to raise building ground floor levels to the finished street or space level. **The applicant should confirm via additional information that this has been addressed.**

Urban Grain, Façade Treatment and Street Interface

No areas of urban grain are identified within the subject site as per Figure 2.8.5. Plot widths for houses and duplexes across the SDZ lands should generally be between 5 metres and 9 metres particularly along residential streets with canal and park frontages. Urban grain for urban centres is under 2.4.

Apartment development in this area of the urban centre should seek to minimise the use of shared entrances, where possible, in favour of own door access at street level. Main entrances should be from main street or space. Distances between entrances should not exceed those set out in Table 2.8.1. 10m for Urban Centres – Primary and Secondary Retail Frontages and 9m for Local Streets – Residential. Figure 2.8.7 identifies Secondary Retail Frontages within the urban centre on the subject site.

It is not apparent that the current proposal meets these requirements and additional information is, therefore, requested. The secondary retail frontage is not provided for under the current proposal. The incorporation of own door apartments at the ground floor levels of the proposed apartment blocks should be considered.

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Building Setback

Development across the SDZ lands should present strong building frontages close to street edges. Setbacks from the street edge should therefore be minimised and on-street parking should be incorporated in line with the requirements of DMURS (2013), the street typologies illustrated under this Planning Scheme (Section 2.2 – Transport & Movement) and the requirements set out under Section 2.8.10 in relation to the design of parking and loading.

Building Heights and Street Widths

Figure 3.3.2 - Building Height Concept of the sets out the height concept for the SDZ. This is to be read in conjunction with the requirements of Section 2.8.6 and the relevant character area of the SDZ. The designated building heights of the Planning Scheme are the Tables in Section 3. Assessment of compliance with this Table was included earlier in this report. The Building Height

Concept/Strategy is additional to aid understanding of implementation and inform the required urban design approach for development proposals.

Privacy and Overlooking

The applicant is requested to indicate separation distances on the proposed layout plan. This should be provided via **additional information**. Balconies for proposed apartments should also be indicated.

Sunlight and Daylight

No daylight, sunlight and overshadowing assessment has been provided. This should be submitted with particular regard to the proposed apartment buildings and associated open spaces. **This should be requested via additional information.**

Energy Efficiency and Resilience

An Energy Statement has been received with the application. The Planning Scheme states that all major developments within the Clonburris and Kishogue urban centres should be designed to be able to connect to a local heating network in the future. This should be facilitated for the CUC part of the site via **condition.**

Street Planting, Furniture and Materials

The Public Realm Section have advised that there is very poor street tree provision throughout the development. The Planning Scheme requires:

'Streets should be generously planted at frequent intervals to soften the impact of parking and strong building frontages at intervals of 14-20 metres. In the interest of biodiversity and place making, reduced spacing between street trees should be considered where appropriate and achievable.'

High quality Street Tree planting is required throughout the development to strengthen Green Infrastructure links. The proposed development should be revised to provide for this.

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Signage is proposed in the form of entrance signs in the proposed public plaza and at the entrance to the site from Ninth Lock Road. Signage, including for the commercial/retail, can be agreed via **condition.**

The proposed boundary treatment includes 1.2m high parkland metal railing along the sides of corner sites. This is not acceptable and should be replaced with a low wall or similar. **This should be addressed via additional information.**

Services, Infrastructure and Energy Framework

Water Supply and Foul Water Drainage

Irish Water have reviewed the proposed development and request additional information in the form of a letter of confirmation of feasibility from Irish Water for water supply and wastewater connections. The applicant advises that a pre-connection enquiry has been submitted to Irish Water for water supply and wastewater connections.

<u>Surface Water Drainage and Sustainable Urban Drainage Systems (SUDS)</u>
Water Services have reviewed the proposed development and have no objection subject

Water Services have reviewed the proposed development and have no objection subject to conditions including that SUDS are included.

The SWMP for the SDZ has been submitted to SDCC and agreed with SDCC. The SWMP outlines the surface water strategy for the overall SDZ lands and the requirements for each individual site within the SDZ which includes the subject site. The SWMP includes the strategy for attenuation design, SUDS features, run off rates and trunk infrastructure layout.

The surface water attenuation for the site was permitted under Reg. Ref. SDZ20A/0021. The applicant states that the attenuation pond in the south-east corner of the site was designed to accommodate the future development potential of the subject site. No changes are proposed to this. There are conditions under Reg. Ref. SDZ20A/0021 relevant to the final design of the attenuation within the subject site.

The incorporation of the attenuation, particularly the above ground pond, should be considered as part of the overall open space and landscape proposal for the site. Further consideration is needed, including the open space around the attenuation pond.

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Waste Management and Recycling Facilities

The Roads Department have advised that 'An operational waste management plan has been submitted; however, it does not identify the pick-up locations of the waste collections at the apartment areas. The collection points should be identified on a location plan. The collection of large containers should not be from the public road, a designated collection area must be

identified. An overall management plan of refuse collection for the apartments, detailing collection points and vehicle routes throughout the entire development should be **requested via additional information.**

Aerodromes

The subject site overlaps with aviation layers of the CDP Bird Hazard, Approach Surfaces, Take Off Climb Surfaces and Conical Surface for Casement Aerodrome, and Outer Horizontal Surface for Dublin Airport. No comments have been received from the relevant aviation agencies.

Standard conditions are recommended in the event of grant of permission.

Noise

The H.S.E. Environmental Health Officer has reviewed the proposed development and requests additional information:

The proposed development is a mixed use commercial and residential development including 294 dwellings. The proposed development site is located immediately south of the Dublin – Cork railway line.

Potential noise sources from the railway line may impact the residential properties. Design and structural noise mitigation measures may need to be incorporated to reduce the potential noise impact on residential properties.

Further information is requested by the Environmental Health Team in the form of

- A noise impact assessment, carried out by appropriately qualified acoustician and competent persons, must be submitted in order to assess the potential impact of environmental noise from the railway line.
- The proposed noise assessment must assess if noise from the nearby train line will impact on the proposed development. Where deemed necessary a statement outlining recommended acoustic control measures that should be incorporated into the design and construction of the proposed residential units and/or site to ensure against adverse noise impacts on the occupiers must be included.

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• South Dublin County Council Environmental Noise Action Plan 2018 – 2023 recommends that the noise impact assessment should demonstrate that all facets of the UK "Professional Practice Guidance on Planning & Noise" (2017) (ProPG) have been followed.

REASON: In the interest of public health.

This should be requested via additional information.

Construction Environmental Management Plan

An Outline Construction Environmental Management Plan has been submitted. A final Construction Environment Management Plan can be agreed with the Planning Authority via **condition** in the event of a grant of permission.

Landscape and Open Space

The overarching principle states the following: 'To provide attractive, interesting and well used outdoor spaces using the latest place making and urban design principles, creating a pedestrian- centred environment with active, inviting public space, parks and private gardens.'

The Public Realm Section have reviewed the proposed development and raise the following concerns in summary:

- 1. Insufficient Green Infrastructure (GI): The proposals are not compliant with the Green Infrastructure requirements of the Clonburris SDZ Planning Scheme in relation to the green infrastructure links that are required as part of the scheme; nor SDCC County Development Plan (2022-2028) Green Infrastructure Strategy in relation to submission of a Green Infrastructure Plan and Green Space Factor. A major redesign of the development is required to protect and enhance the existing Green Infrastructure and develop the site as intended in the SDZ.
- 2. Impact on existing hedgerows and biodiversity: There are large sections of existing hedgerows proposed for removal that are required to be retained by the scheme. To be in compliance with the SDZ the amount of compensatory hedgerow must be at least equal to that being removed. The replacement hedgerow can be planted within the site area or within the wider SDZ.
- 3. Natural Sustainable Drainage Systems (SuDS) Significant and integrated SUDS infrastructure, including a high amenity retention pond/lake within a new strategic open space at

Cappaghmore has not been provided. This, and the use of small-scale natural SuDS to create/enhance Local Green and Strategic Green Infrastructure Links is required by the Planning Scheme.

4. Public Open Space Cappaghmore A new strategic open space at Cappaghmore has not been provided.

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- 5. Public Open Space and Street/Public Realm: Planting to be to Taking in Charge Standards. Boundaries to be to Public Ream Standards.
- 6. Play A far greater level of play provision is required than what is proposed.

The public open space should be redesigned to provide the required high quality multifunctional open space that delivers amenity, biodiversity, water quality and attenuation.

Additional information should be requested in relation to the green infrastructure, providing compensatory planting, street trees, improved landscaping, green space factor, increased play provision and a site specific biodiversity management plan.

Public Realm's concerns in relation to lack of above ground SUDS, the setback of the attenuation tanks from the north south hedgerow/tree line and the design of the attenuation pond are noted.

Surface water attenuation for the site is permitted under Reg. Ref. SDZ20A/0021. It should, however, be confirmed that the attenuation tanks would not impact the retention of the north south hedgerow/tree line. The permitted attenuation pond should be incorporated into the landscape proposals. Further above ground SUDS measures should be considered where appropriate.

Biodiversity and Natural Heritage

The overarching principle states the following 'To maximise appropriate access to and use of the Grand Canal, Griffeen Valley Park and other biodiversity assets in an ecologically sensitive way, thereby offering unique selling points to the SDZ Planning Scheme.'

An Ecological Impact Assessment has been submitted. This report states that invasive species were found within the survey area. These should be appropriately managed via mitigation measures.

Further surveys for bats, newts, breeding birds were recommended from the initial walkover in April 2022, and these are currently in process. The results from these surveys should be submitted via additional information.

An Arboricultural report and drawings have been submitted. The Public Realm Section have raised concerns with the low proportion of hedgerows proposed for retention. Two full hedges; 32m of another hedge and 57% of trees are proposed for removal. There is an additional length of hedgerow and several hedgerow trees proposed for retention that it would not be possible to retain due to construction of underground tanks within the root protection area. Addressed previously in this report.

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Archaeological and Architectural Heritage

An Archaeological Assessment has been submitted with the planning application. This report states that the site has low archaeological potential for large scale features. The only feature of archaeological significance within the site is the potential charcoal production pit. Recommended

measures include preserving by record under license, archaeological monitoring, and surveying. These measures should be **conditioned** in the event of a grant of permission.

1. Screening for Environmental Impact Assessment

The applicant has submitted an EIA Screening & Statement in Accordance with Article 299B(1)(B)(II)(I)(C) of the Planning and Development Regulations 2001-2021. This concludes that an EIAR is not required. Taking into account permitted and proposed development. This document appears to refer to the proposal as a BTR and grid connection development under section

3.2.1. This should be revised to refer to the subject development.

Having regard to the nature and scale of the proposed development and pursuant to Schedule 5 of the Planning and Development Regulations 2001 (as amended), the proposal is not a class of development for which a mandatory Environmental Impact Assessment Report is required.

Additionally, having regard to the distance of the site from nearby sensitive receptors, the need for environmental impact assessment can therefore be excluded at preliminary examination and a screening determination is not required.

2. Screening for Appropriate Assessment

The applicant has submitted an Appropriate Assessment Screening Report prepared by Blackstaff Ecology (commissioned by RSK). This report concludes that the proposed development, individually or in-combination with other plans or projects, is not likely to have a significant effect on any European sites, in view of the said sites' conservation objectives. An appropriate assessment is, therefore, not required.

The subject site is not located within nor within close proximity to a European site. The development involves the construction of 294 no. dwellings and associated infrastructure. Having regard to:

- the nature of the development,
- the location of the development, and
- the consequent absence of a pathway to the European site,

it is considered that the proposed development would not be likely to have a significant effect individually, or in-combination with other plans and projects, on the Natura 2000 network and appropriate assessment is not therefore required.

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Conclusion

The proposed development is generally considered to be acceptable and generally in keeping with the Clonburris Planning Scheme. However, a number of issues should be addressed by way of **Additional Information**.

Recommendation

Request Additional Information.

Additional Information

Additional Information was requested on the 29th of August 2022. Additional Information was received on the 28th of November (not deemed significant).

Additional Information Consultations

Roads Department Clarification of additional information requested.

Public Realm Recommend refusal

Heritage Officer No report received at the time of writing this

report.

Water Services
No objection subject to conditions.
Irish Water
No objection subject to conditions.

Planning Delivery No report received at the time of writing this

report.

Housing Department No objection subject to conditions. Transport Infrastructure Ireland Observation received. National Transport Authority Observation received.

Transport Infrastructure Ireland have submitted an observation stating that their position remains as set out in their letter of 3rd of August 2022 (observation received on planning application).

National Transport Authority have submitted an observation stating the following:

Car Parking for Housing Units

In its submission on the original application, dated 8th August 2022, the NTA underlined significant concerns in relation to the level of car parking provision provided for as part of the development. It was noted that it was intended to provide for 2 parking spaces for each of the 118 housing units proposed, in line with the maximum permissible under the SDZ Planning Scheme / County Development Plan. The NTA's concerns in relation to this were as follows:

- The site is adjacent to Clondalkin / Fonthill train station which is served by regular commuter services throughout the day, and which will benefit from high-frequency DART services in the future;

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- Clonburris is being progressed as an exemplar of sustainable transport whereby public transport, walking and cycling will be the predominant modes for all travel, including travel within Clonburris for daily needs such as retail and schools; and
- Providing for the maximum number of spaces permissible for any element of the proposed development sets an undesirable precedent for the development of the remainder of the SDZ and is likely to undermine the strategic transport objectives for the area.

The NTA recommended, in order to ensure that the Clonburris SDZ is developed in a sustainable manner that the off-street parking provided for the housing be reduced to 1 per unit. It was considered that this would reflect the site's accessibility to high-quality existing and proposed public transport services and to reflect the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes public transport, walking and cycling, and which minimises the potential impact of development on the surrounding road network.

The above NTA recommendation was referred to in the SDCC Planning Report relating to the decision to request Additional information. Point 4(d) of the request for additional information related to 'Street Widths & Car Parking' and included the following: 'The Planning Authority also has concerns about the level of perpendicular car parking on the local streets and the on curtilage parking in intimate local streets. The footpaths on the local street are approx. 2m when they should be 2.5-4.0m. Intimate Local Streets should be fully shared surfaces for the integrated movement of vehicles, pedestrians and cyclists in quieter residential areas. The intimate local street in the east of the site should be significantly redesigned in line with the Planning Scheme. The applicant is requested to submit revised plans indicating revised details. Dimensioned cross sections with comparison to the Planning Scheme should also be provided.'

From the information provided in the Additional Information it appears that no proposal has been made to reduce the level of car parking associated with the proposed development and that this does not adequately address concerns raised by the NTA or by the Planning Authority in the Request for Additional Information. In this regard, the NTA reiterates its original recommendation that the off-street parking provided for the housing is reduced to 1 per unit in order to reflect the site's accessibility to high-quality existing and proposed public transport services.

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NTA Recommendation

The NTA recommends that, in order to ensure that the Clonburris SDZ is developed in a sustainable manner, the off-street parking provided for the housing is reduced to 1 per unit in order to reflect the site's accessibility to high-quality existing and proposed public transport services and to reflect the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes public transport, walking and cycling, and which minimises the potential impact of development on the surrounding road network.

These observations have been taken into consideration in the assessment of the additional information received.

Assessment of Additional Information

Item 1

Layout & Design

The Planning Authority has concerns in relation to the proposed layout and design of the western part of the site as well as the eastern entrance to the site.

1A In relation to the Clonburris Urban Centre the following should be revised or detailed:

- (a) Housing with lower densities than what would have been envisioned for this development area is proposed. Higher density and mixed use development should be explored in the CUC-S4 area of the site.
- (a) The proposed plaza and surrounding block form should be significantly redesigned in line with the Design Criteria in Table 2.10.3 of the Planning Scheme. A detailed design of the plaza should be submitted, including how it would connect with the remainder of the Clonburris Urban Centre and wider area as indicated in the Planning Scheme. The plaza should be enclosed on more than one side. Pedestrian and cyclist permeability and connections from the plaza need to be further considered. Further green infrastructure and SUDS should also be incorporated. The external

space associated with the creche should be relocated elsewhere, so that the ground floor of the northern block is level onto the plaza. A cross section should be provided of the retail/commercial unit onto the plaza.

- (b) The level of commercial/retail floorspace should be increased or at least further facilitated in the future through the provision of flexible designs, including the development onto the proposed plaza.
- (c) Master planning of how the proposal would integrate with the Planning Scheme and help deliver the rest of the Clonburris Urban Centre is required. The potential future development of the remainder of the CUC-S4 and CSE-S2 subsectors should be indicated. This indicative masterplan should indicate potential future:
- Block form and layout
- Connections and pedestrian and cyclist permeability
- How the remainder of the CUC and CSE subsectors would achieve the required

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densities, target no. of units, retail floorspace, commercial non-retail floorspace, and public open space.

- In the short term, how the proposal integrates with the existing western lands, including the park and ride and pumping station.
- 1B. In relation to the eastern part of the site, the following should be revised or detailed:
- (a) Further public open space north of the Link Road at the eastern entrance to the site from Ninth Lock Road.
- (b) Omission of the easternmost road off the south of the Link Road and replacement with open space.
- (c) Overall revised landscape design for this area, including the incorporation of the permitted attenuation pond.

Applicant's Response:

1A (a) The portion of the proposed development/application site included in CUC-S4 has been revised to provide for an increased density and mix of uses. 95 no. units on a net developable area of CUC-S4 (excluding plaza) of 1.66ha results in a net density of 57 no. units per ha. The applicant does not control all land within CUC-S4 (only c.55% of the net developable area of CUC-S4).

There is appropriate headroom within remaining CUC-S4 lands to accommodate residential development, closer to the train station, that achieves the target density across this subsector. Without relying on excessive height (i.e., greater than 6 storeys). Plaza enlarged to approx. 1,884sq.m

Proposed Site Plan with Masterplan submitted showing the proposed site layout plan alongside an indicative masterplan. Figures of massing models also provided. Based on the modelling, a potential net density of 85-90 units per ha for the CUC-S4 lands can be achieved. Including the 95 no. units in current application and c.235 units on the adjacent third party lands to the west. 5,300sq.m of

non-residential space (community and employment) can also be provided across the shared landholding.

The applicant also controls additional lands within Clonburris Urban Centre Development Area i.e., CUC-S2 to the north.

The 95 no. units comprise of 34 no. houses (36%), 22 no. duplexes (23%) and 50 no. apartments (53%).

A creche c.599sq.m and a retail/commercial unit c.325sq.m are proposed at the southern end of Block A. These are increased in size from the original proposal.

A new building, Block K, is proposed south-east of Block A and east of the proposed plaza, includes a 2 storey commercial/retail unit of c.152sq.m.

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- (b) Submitted feasibility shows proposed street connection via looped link street. Development to the west could be configured with enclosed private courtyard parks over basement parking. A diagonal street leading from the plaza to the train station can be accommodated, catering for pedestrian and cyclist accessibility. Plaza increased by 768sq.m. Has been designed in accordance with Table 2.10.3 continuous surface with a comfortable gradient, free of permanent features, high quality, seating at edges, commercial use is level and opens onto plaza, creche has been relocated to the rear of the block with secure, designate outdoor space and separate access, residential units on upper floors for passive surveillance of plaza, plaza will form part of the public realm, and open on southern side. Specific details on materials and planting provided. Submitted feasibility shows how the adjoining lands to the west can be developed to provide further enclosure to the plaza. Open on southern and eastern sides for light. Sectional drawings of retail/commercial units onto plaza. 3D images of plaza submitted.
- (c) Commercial/retail floorspace increased by 325sq.m. in Blocks A and K. Location of both units is adjacent to plaza. Submitted feasibility includes a quantum of c.5,300sq.m of non-residential space (community, retail and employment uses).
- (d) Indicative masterplan has been submitted. Represent what could be delivered on adjoining lands having regard to requirements/standards of the Planning Scheme. Taken into consideration existing use of these adjoining lands. The remaining CUC-S4 lands can accommodate c.235 no. units in a series of buildings that would range in height from 3-4-5-6 storeys. With proposed development provides for a density range of 67-150 units per ha on CUC-S4 lands. Higher density closer to train station.

The application site within CSE proposes 188 no. dwellings across subsectors CSE-S1 and CSE-S2. This is within the low and high margins. There is headroom in the remaining CSE-S2 lands to accommodate an additional c.29-38 no. units in line with both the target and high margin. An apartment/duplex type building arrangement can be accommodated at the junction of Fonthill Road with the main link street, of a similar scale and height as proposed Block B. The pumping station has been fully considered in the feasibility study. In the short term, the proposed development would provide a 1.2m high boundary treatment

omprising a 0.6m butt wall with bow top railing and hedgerow planting along the north-western boundary of the subject site. Planting is proposed along the western boundary of the plaza.

- 1B (a) Applicant is not in control of lands to the east of the red line of the application. Current proposal provides open space along northern and eastern boundaries that, if ownership/consent alters in the future, can easily be extended into this area.
- (b) The eastern road off the south of the Link Road has been omitted and replaced with open space.
- (c) Revised landscape drawings submitted. Landscaping design and planting for the south-

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eastern part of the site.

Assessment:

- 1A (a) The increased retail/commercial floorspace is to be welcomed. The submitted masterplan/feasibility study outlines that a potential net density of 85-90 units per ha for the CUC- S4 lands can be achieved, in compliance with the Planning Scheme.
- (b) The subject application will enclose the plaza on the northern side. The submitted masterplan/ feasibility study shows that the plaza can also be directly enclosed on the western side, however, this would require the relocation of the existing road access to the rail station car park further west. It is not clear if it is possible to relocate this road access further to the west in particular given the design of the approved Southern Link Street, which is now on-site. If this is not possible, then more should be done to provide enhanced enclosure on the eastern side of the square. The applicant should provide further clarification of this and in addition further green infrastructure and SUDS should be incorporated. This is discussed further under additional information item 8.
- (c) The increased retail/commercial floorspace is to be welcomed. Block K provides a retail/commercial frontage to the eastern side of the plaza, even if separated from the plaza by a local street. The floor to ceiling height of the ground floor of Block K is approx.

 3.0m, facilitating the future conversion of the full extent of this ground floor level to retail/commercial in the future.
- (d) The proposed short term boundary treatments are to be welcomed. The masterplan layout provides connections/permeability to Fonthill Road (R113) and the train station, as outlined in the Planning Scheme. Higher densities are indicated on the western lands, in proximity to the train station and core area of the urban centre.

Under Table 2.13.1 of the Planning Scheme the non-residential floorspace parameters for the CUC- S4 sub-sector are maximum retail floorspace of 1,200sq.m and minimum non-retail (employment) floorspace of 5,000sq.m. The proposed development provides for retail/commercial floorspace. The applicant has noted that 'It is envisaged that a quantum of 5,300sq.m of non-residential space (community and employment) can also be provided across the shared landholding'. Given the scale of this floorspace the applicant should be requested to provide further detail to how this might be facilitated. This might involve a block specifically allocated to employment use. **This should be addressed by way of clarification of additional information.**

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CSE-S1's proposed net residential density is addressed under the following additional information item (Item 2).

1B (a) This item is referring to subject site lands within the applicant's control/ownership. The Planning Scheme shows that the eastern end of the Link Street would have a significant area of open space on both sides of the street. The key objectives of CSE Development Area include 'To provide locally accessible open spaces of local and strategic importance' and 'To ensure high

levels of legibility and ease of orientation.' This Development Area provides the entrance to the SDZ lands from the east.

The applicant should provide further open space and landscaping in the south-eastern part of the site, where the Link Street meets Ninth Lock Road. This should include increasing the size of open space to the north of the Link Street at this entrance and providing a high quality design. This should be addressed by way of clarification of additional information.

- (b) Road has been omitted and replaced with open space. This has therefore been addressed.
- (c) Landscape design for this area has been revised. As discussed, above a revised design should be submitted for the eastern entrance to the SDZ lands.

Item 2

Parameters

The applicant is requested to:

- (a) Clarify the Net Developable Areas for the proposed development, including a breakdown per subsector, delineated on a site layout plan. Use this information to clarify net residential densities.
- (b) Amend the site boundary so that the lands to the north and east, which contain the existing pathway are included within the site and incorporated into the landscape and open space proposals.
- (c) The net residential density for Clonburris South East Subsector 1 should be revised to within the margin of 51-61dph.
- (d) SDCC's Housing Department requests that a revised Part V proposal is submitted that is more reflective of unit mix and to provide for better integration within the development.

Applicant's Response:

- (a) Development Areas Map submitted showing both the gross and net areas for each subsector.
- (b) The lands to the north and east of the site are not in the applicant's control or ownership. They understand this land is in the ownership of Coras Iompair Eireann (CIE). Potential connections to the path are provided for within the subject site, subject to agreement with CIE.

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- (c) Net developable area of approx. 2.07ha of the application site in CSE-S1, upon which 119 no. dwellings are proposed, net density c.50 units per ha. The Planning Scheme provides a permissible margin of 10 dwellings per ha (+5dph, -5dph). Proposed quantum of units in CSE-S1 is within the low and high margin targets 111-112.
- (d) Revised Part V proposal of 10% social housing and 10% affordable housing. 34 no. social housing units accommodated in Block B and duplex block D. 28 no. affordable housing units in duplex blocks B and E.

Assessment:

- (a) The submitted Development Areas Map shows the gross and net areas for each subsector: CUC-S4 net area 1.85ha, CSE-S1 gross area 3.54ha, CSE-S1 net area 2.40ha and CSE-S2 net area 0.93ha.
- (b) The Planning Authority notes that the lands to the north and east of the subject site are not within the applicant's control or ownership. The boundary treatment along these boundaries is discussed further under Item 5.
- (c) The net developable area for CSE-S1 is stated by the applicant as 2.40ha. The Planning Scheme provides a net developable area of 2.17ha for CSE-S1. The Planning Scheme states that 'for calculation purposes, Net Development Area comprises Gross Development Area excluding strategic parklands, canal corridors, schools and existing residential development.' It is acknowledged that the developable area for CSE-S1 identified in the Planning Scheme would in part overlap with the north south hedgerow and open space to be retained/provided. However, the developable area under the subject application has extended elsewhere (mostly south) to result in a net developable area of 2.40ha.

The average net density target low and high margins for CSE-S1 is 51-61dph. This is based on - 5dph and +5dph from the target density. The Planning Authority would have concerns with the proposed development not providing for a net density within this margin given that this proposal would deliver the full net developable area for CSE-S1. The applicant should be requested to provide a higher net density than proposed for this sub-sector. It may be appropriate to consider increasing the density in the north-west of this sub-sector, to the east of the north south hedgerow and open space. **This should be addressed by way of clarification of additional information.**

(d) The Housing Department have reviewed the information submitted in relation to Part V and state that they will seek a revised proposal with more houses than duplexes for Part V. The Housing Department request that the applicant engage directly with the Housing Department post grant. A Part V **condition** should be attached in the event of a grant of permission.

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Overall, it is not considered that this item has been fully addressed in relation to treatment of the northern and eastern boundaries and the proposed net density for CSE-S1.

Clarification of additional information should be sought.

Item 3

Residential Standards

- (a) The applicant is requested to clarify dwelling mix, including how many 2 bed / 3 person apartments are proposed.
- (a) Apartment Block A should be redesigned to provide for a higher no. of dual or more aspect apartments.
- (b) Further detail and a revised design for communal open space should be submitted. This includes revised boundary treatment, consideration of sunlight access and how it will tie in with potential development to the west.

Applicant's Response:

- (a) 22 no. 2 bed/3 person units proposed, 21 no. in Block A and 1 no. in duplex block K.
- (b) Block A revised to provide a dual aspect ratio of 56%. Proposed Block B would have a dual aspect ratio of c.73%. Overall provision of 62% dual aspect apartments.
- (c) Details of proposed landscaping for communal open spaces for Blocks A and B are provided.
- 1.2m railing provided along boundary of communal open space. Daylight Sunlight Assessment report prepared by 3D Design Bureau submitted, finds sunlight to communal open spaces acceptable.

Assessment:

- (a) The no. of 2 bed/3 person units are noted.
- (b) The proposed dual aspect ratios of the 2 no. apartment buildings, together and separately, are compliance with the 2020 Apartment Guidelines. The apartments in proposed Block K would all be dual or more aspect.
- (c) Insufficient detail and consideration have been given to the layout and design of the communal open spaces. The communal open space for Block A in particular is not considered to have an overly usable shape and is closed to the north by a water tank, bin store and bicycle store; access to these is not clear. This open space is indicated as narrow strips of open space along the eastern and northern sides of Block A, directly adjoining and overlooked by the creche unit.

The applicant should also be requested to address the accessibility of the communal open spaces for residents. There is a stairwell in Block A with direct access to the communal open space located to the north, although hedgerow planting is currently proposed across this access. Accessibility for mobility impaired residents should also be provided directly

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from the building to the communal open space (stairwell does not include lift). It does not appear that the communal open space for Block B is directly accessible from the building itself.

There does not appear to be any provision of communal open space for the units in proposed Block K (apartments proposed).

The above should be addressed by way of clarification of additional information.

Item 4

Movement & Transport

(a) Pedestrian and Cyclist Movement

The Planning Scheme provides an Overall Movement Concept in Figure 2.2.7. This indicates a Proposed Strategic Pedestrian Cycle Route along the northern and eastern boundaries of the subject site. This is noted as existing and should be incorporated into the overall layout and design of the proposed development. The figure also indicates a Proposed Strategic Pedestrian Cycle Route from the site, along the east of the permitted pumping station, to the Grand Canal. The applicant should demonstrate how this route connects with the subject site, the permitted pump site and through to the Clonburris Urban Centre and wider area.

(b) Street Network

Section 2.2.4 of the Planning Scheme outlines that the centre line and alignment of the Local Streets and Homezones are flexible with the exception of streets with frontages prescribed under Section 3 (Development Areas). In this instance, the application site contains prescribed frontages in the form of Avenue, Park and Railway Frontages (Figure 3.1 refers). The Local Street alignment in the

north-western part of the site, in CUC-S4, is amended and Local Streets/frontages are not provided around the urban plaza as indicated in the Planning Scheme. This would have Avenue Frontages onto it. This should be provided. The Planning Scheme does not provide for the easternmost cul-de-sac to the south of the Link Road. This should be considered for omission and/or a detailed rationale provided.

(c) Plot Adjustment

The applicant is requested to demonstrated that the proposed development involving a plot adjustment would not significantly affect the prescribed alignment or centre line of any fixed street; would not significantly affect prescribed building lines of any fixed street; would not adversely impact on the environment or environmental objectives contained in the SEA Environmental Report (including required setback from the Grand Canal); and would not have any implications in relation to European Sites.

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(d) Street Widths & Car Parking

The proposed overall street widths are largely in line with the Planning Scheme. However, the Planning Authority does have concerns in relation to the allocation of space within these, particularly the Local Streets and Intimate Local Streets. Reference is made to Figure 2.2.6 in the Planning Scheme. The Planning Authority also has concerns about the level of perpendicular car parking on the local streets and the on curtilage parking in intimate local streets. The footpaths on the local street are approx. 2m when they should be 2.5-4.0m. Intimate Local Streets should be fully shared surfaces for the integrated movement of vehicles, pedestrians and cyclists in quieter residential areas. The intimate local street in the east of the site should be significantly redesigned in line with the Planning Scheme. The applicant is requested to submit revised plans indicating revised details. Dimensioned cross sections with comparison to the Planning Scheme should also be provided.

(e) EV Parking

To facilitate the use of electrically operated cars and bicycles, all developments should provide charging points for the charging of electric vehicles at a rate of 100% of the car parking provision and 10% of the bicycle parking provision. Details of how it is proposed to comply with these requirements including details of the design of, and signage for, the electric charging points (where they are not in areas to be taken in charge) shall be submitted.

(f) Whitton Avenue

Further detail is required in relation to the Whitton Avenue access, including the levels across the access within the site and Whitton Avenue. Pedestrian and cyclist access also needs to be considered. A revised detailed layout (not less than 1:200 in scale) and design for that area should be provided.

- (g) Other roads items requested for submission:
- A Stage 1 Road Safety Audit.
- An overall management plan of refuse collection for the apartments should be provided, detailing collection points and vehicle routes throughout the entire development.
- Details of the pedestrian and vehicle routes within the development that align with the SDZ planning scheme.
- A revised layout not less than 1:200 scale showing the cross sections of the roads confirming the layouts as described in the SDZ planning scheme within the development.

Applicant's Response:

- (a) Lands to north and east not within control/ownership of applicant. Submitted feasibility allows for pedestrian and cyclist permeability throughout the lands, including to third party lands to west.
- (b) Revised site layout provided enlarged plaza and building frontage onto it. Masterplan shows that further enclosure of the plaza can be provided for on western lands. Strong urban street frontage along permitted link street. Remainder of road network comprised of local

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streets and homezones, which given the need to retain hedgerows and accommodate permitted infrastructure, is considered to follow the principles of the street hierarchy and urban grain set out in the Planning Scheme. Proposal accords with fixed and flexible centre lines. Easternmost cul-de-sac omitted.

- (c) Planning Scheme allows for some slight plot adjustment for each sub-sector. Dwelling nos./densities and non-residential floorspace provided for. Removed from the Grand Canal. Will not have any implications in relation to European sites. Therefore, proposal not inconsistent.
- (d) The proposed local streets are 2.4m wide with a 4.8m road. 5 no. homezone/pedestrian priority streets are provided. The path shall be of the same material as the road with a flush kerb delineation.
- (e) 'EV Chargers & Apartment Water Requirements' drawing shows the location and type of chargers for cars and bicycles.
- (f) 'General Layout Whitton Avenue' drawing submitted showing proposed connection with Whitton Avenue. Cyclists will share the road space with cars.
- (g) A Road Safety Audit prepared by Bruton Consulting Engineers is submitted. All recommendations have been accepted in full.

Drawing submitted showing autotrack layout for a refuse vehicle though the development. Collection points have been indicated. The road beside the bin store will be used as a set down area. The proposed development expands the network off the permitted link street. Pedestrian permeability provided with no significant levels changes.

Landscape section submitted illustrating the proposed road sections and associated landscaping.

Assessment:

(a) The Roads Department have revised the information submitted and state 'The applicant has stated that the lands to the north and east are not in their ownership, therefore the cycle lane will not be incorporated into their plans.

The required cycle link to the south that passes the pumping station has not been noted. The applicant is required to provide the section of cycle/pedestrian link that crosses their development in accordance with the SDZ planning scheme. The cycle link should conform to the standards as set by the NTA cycle manual.'

As discussed further in this report the applicant should be requested to replace and improve the boundary treatment along the northern and eastern boundaries to provide an integrated space and this should be agreed with the landowner. Numerous pedestrian and cycle connections onto the northern and eastern path should be provided. As raised by the Roads Department, the 'Proposed Strategic Pedestrian Cycle Route' connecting from the Southern Link Street to the Grand Canal on the western edge of the site should be facilitated within the lands within the applicant's ownership/ control. This should be addressed by way of clarification of additional information.

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- (b) Frontages are being provided to the railway in CSE-S1. Park frontages are also being provided facing the retained hedgerow and open space running north south through the centre of the subject site. The avenue frontages are also largely being provided. Buildings would provide a strong frontage onto the Link Street. The inclusion of Block K would have western and southern frontages through the use of own door duplex units and a retail/commercial unit. This would provide a stronger west frontage facing the plaza. The omission of the easternmost cul-de-sac is to be welcomed.
 - (c) Under the Planning Scheme a slight plot adjustment for each sub sector may be acceptable provided that 'this would not affect prescribed dwelling numbers/densities or non-residential floorspace for any Sub Sector; would not significantly affect the gross or net development area of any Sub Sector.' The submitted masterplan/feasibility study has indicated the dwelling numbers/densities for the remainder of the CUC-S4 and CSE-S2 lands. The Planning Authority considers further information should be provided in relation to the provision of non-residential floorspace in CUC-S4.

The Planning Scheme states that the 'onus is on developers/applicants to demonstrate that a proposed development involving a plot adjustment:

- would not significantly affect the prescribed alignment or centre line of any fixed street; Parts of streets are not provided in some places including around the urban plaza and at the eastern entrance to the SDZ lands. However, it is noted the layout is influenced by the permitted Link Street and it is desirable to not have streets completely encasing the urban plaza.
- would not significantly affect prescribed building lines of any fixed street; The fixed building lines as prescribed in the Planning Scheme have been adjusted, particularly in CUC-S4. However, they are considered to have been largely provided for, even if adjusted slightly in terms of location or how they are broken up.
- would not adversely impact on the environment or environmental objectives contained in the SEA Environmental Report (including required setback from the Grand Canal); This has been demonstrated.
- and would not have any implications in relation to European Sites.' This has been demonstrated.
- (d) The Planning Authority and Roads Department still have significant concerns in relation to the designation and design of the street network and types. The proposed development includes Intimate Local Streets/Homezones where they are not included in the Planning Scheme. The only Intimate Local Street/Homezone within the subject site, as

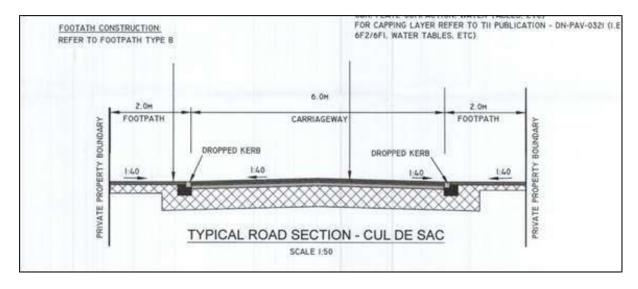
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indicated in Figure 2.2.7 in the Planning Scheme, is located in the centre north of subsector CSE-S1. Any other Intimate Local Streets/Homezones outside of this should be redesigned as Local Streets, as designated under the Planning Scheme. Given the location of the east-west local street along the north of CSE-S1 this should be designed with a fully shared surface for the integrated movement of vehicles, pedestrians and cyclists.

The designated Intimate Local Street/Homezone in the east of the site should be significantly redesigned to comply with the Planning Scheme. Perpendicular car parking on both sides of the Intimate Local Street/Homezone, whether on-curtilage or off-curtilage, is not in compliance with the Planning Scheme. The Intimate Local Street/Homezone should extend the full extent of this street and the on-street perpendicular car parking at the northern end of this street should be omitted. The footpath should be 2.5-4.0m along this street.

The applicant should be requested to submit revised plans indicating revised details. Dimensioned cross sections of all street types with comparison to the Planning Scheme should also be provided.



The Roads Department state 'The drawings contain reference to footpaths of 2.0m wide, see figure above. Details of street type and dimensioned cross sections for each type have not been submitted. The applicant should provide details of road type and cross section.' The Roads Department request that this be submitted by way of clarification of additional information.

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The National Transport Authority have also provided an observation on the additional information submitted in response to this item. NTA request that car parking is reduced to 1 no space per unit. The applicant should be requested to take into consideration this submission. The applicant should submit a breakdown of parking spaces set against the number of dwellings in the development.

- (e) The Roads Department state 'The applicant has submitted details of EV charging. Roads are satisfied with the response.'
- (f) The detail in relation to Whitton Avenue is welcomed. This confirms that the proposal facilitates a future connection to Whitton Avenue should this come forward on the adjoining lands outside the subject site. The Roads Department also confirm that they are satisfied with the response to this item. This item has therefore been satisfactorily addressed as part of this planning application.
- (g) The Roads Department state 'Road safety audit has been provided and complied with. A refuse truck analysis has been provided and the location of collection points identified. Roads are satisfied with layout as per SDZ20A/0021.

Cross sections are required.'

This should be addressed by way of clarification of additional information.

The Roads Department state that should permission be granted **conditions** relating to taking in charge, construction and construction traffic management, and public lighting should be attached. However, there are a number of matters that should be **addressed by way of clarification of additional information.**

Item 5

Green and Blue Infrastructure & Ecology

- (a) The retention of the north south tree line/hedgerow helps provide the Local Green Corridor running through the site. The proposal has the potential to contribute to the indicated green corridors along the northern and eastern boundaries of the site. Narrow strips of open space are proposed along these boundaries. However, the applicant is requested to extend the site boundary to the railway line to the north and bridge to the east and incorporate the existing pathway and open space here. The existing green palisade fence should be removed to facilitate this. Landscaping along these corridors should make a significant contribution to the site and wider green infrastructure network. Revised plans should be submitted via additional information.
- (b) The submitted Ecological Impact Assessment states that further surveys for bats, newts, breeding birds were recommended from the initial walkover in April 2022, and these are currently in process. The results from these surveys should be submitted via

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additional information.

c). The applicant is requested to demonstrate compliance with the agreed Parks and Landscape Strategy for the SDZ, including designing and contributing to the Strategic Green Corridor along railway. A revised proposal taking account of the Parks and Landscape Strategy is required.

Applicant's Response:

- (a) Lands to north and east not within applicant's ownership/control. Potential connections to the path provided for. The proposed development does not propose to alter any existing planting/vegetation along the north and east boundaries and to supplement planting by way of introducing a native hedgerow along these boundaries. Submitted boundary treatment plan shows existing boundary treatment along eastern boundary retained.
- (b) Bat report prepared by RSK Ireland submitted. Bats observed potentially emerging from the derelict building on site, permission for demolition for this under SDZ20A/0021. Strongly recommended that a bat derogation licence be applied for against the existing planning permission for the demolition. Recommendations regarding habitat enhancement, further roosting opportunities, appropriate lighting plan, avoid peak bat activity season and night-works.

Breeding bird survey report prepared by RSK Ireland submitted. Compensatory and mitigating measures suggested. Habitat loss onsite is substantial.

Newts were screened out in the EcIA submitted with the original planning application. (c) Every effort will be made to engage with the adjoining landowner to the north and east, and the Planning Authority, as appropriate, to agree any alterations to the existing north and east boundary treatments. The proposal does not preclude nor prejudice any boundary treatment improvements. Where any hedgerows are required to be removed, a native hedge will be planted to mitigate any less from the development.

Assessment:

- (a) The connections from the site to these lands are to be welcomed. The Planning Authority has significant concerns with the retention of the current boundary treatment along these boundaries as part of the proposed development. In particular it is unclear how the wider areas of open space would be delivered and there is a concern that the current boundary treatment would lead to a poor quality environment and integration. These spaces are considered vital to the successful deliver of this section of the SDZ. It is therefore considered that the application must engage with the adjoining land owners to the provide the Planning Authority certainty as to the delivery of these areas. **This should be addressed by way of clarification of additional information.**
- (b) & (c) The Planning Authority and Public Realm Section would have concerns with the loss of habitat onsite and green infrastructure proposed. It is not considered that the proposed development fully complies with the agreed Parks and Landscape Strategy for the

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SDZ. This is addressed further under additional information item no. 8. It is not considered that this item has been satisfactorily addressed. **Clarification of additional information should be sought.**

Item 6

Built Form & Design

(a) Design Statement

The applicant is requested to submit an updated Design Statement that fully provides the information outlined under the Design Statements section of 2.8.2 of the Clonburris SDZ Planning Scheme.

(b) External Finishes and Appearance

Materials and finishes should be revised so that render is reduced or fully omitted from the development. The apartment balconies should have metal railings. Variation in materials and colours should be provided along the houses. Revise Apartment Block A so that the 2 storey element is reduced in extent, the creche is relocated away from the public plaza and the ground floor is level with the plaza, further retail/commercial floorspace is provided/facilitated, and own door apartments are provided at ground floor level. Privacy strips should be provided around any ground floor private open space on both apartment blocks.

(c) Block Form

Block form should be amended so that blocks address the roads to the rear of the duplexes facing the Link Road on the northern side. Compliance with the principles for perimeter blocks should be addressed.

(d) Block Size

Block dimensions in the Development Areas that are contiguous to both urban centres should be no more than 100 metres. Larger or irregular blocks of up to 120 metres should be broken up using mid-block penetration with short cul-de-sac/mews development to serve a small number of dwellings. The applicant should confirm that this has been addressed. (e) Topography

Gradients on all Link Streets and Local Streets should be as gradual as possible with a gradient of between 1 in 33 (or 3%) and 1 in 20 (or 5%) targeted. In pedestrian streets and the urban squares, a gradient change of between 1 in 33 (or 3%) shall be targeted and all surfaces should be smooth and continuous with a gentle slope while avoiding, where possible, steps in level. In some areas level changes will need to be carefully regraded. In other areas basement car-parking, services or storage can be provided to raise building ground floor levels to the finished street or space level. The applicant should confirm that this has been addressed.

(f) Facade Treatment

Distances between entrances should not exceed those set out in Table 2.8.1. 10m for Urban Centres—Primary and Secondary Retail Frontages and 9m for Local Streets—Residential.

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Figure 2.8.7 identifies Secondary Retail Frontages within the urban centre on the subject site. The applicant should confirm that this has been addressed.

(g) Privacy and Overlooking

The applicant is requested to indicate separation distances on the proposed layout plan. Balconies for proposed apartments should also be indicated.

(h) Sunlight and Daylight

No daylight, sunlight and overshadowing assessment has been provided. This should be submitted with particular regard to the proposed apartment buildings and associated open spaces.

(i) Boundary Treatment

The proposed boundary treatment includes 1.2m high parkland metal railing along the sides of corner sites. This is not acceptable and should be replaced with a low wall or similar.

(j) Other

- Submit a building lifecycle report in line with the 2020 Apartment Guidelines.
- Submit further detail on the proposal solar/pv panels including sq.m and megawatt output.

Applicant's Response:

- (a) Updated Design Statement submitted, to be read in conjunction with originally submitted Design Statement.
- (b) Block A redesigned to be 3 storeys at southern end and rise up to 6 storeys at northern end. Elevational treatment predominantly a brick finish, with render fully omitted. Metal railings provided. No ground floor apartments proposed.
- (c) Dual aspect houses placed at corners where the local street intersects the larger block form. Duplex units dual aspect, thus ensuring active street frontage with passive surveillance on both sides.
- (d) Submitted site layout plan illustrated that block sizes do not exceed these dimensions.
- (e) Drawing submitted illustrating a typical road section and cross falls which are in line with the design standards.
- (f) Submitted site layout plan illustrates that this has been addressed.
- (g) Submitted site layout plan illustrates separation distances.
- (h) Daylight and Sunlight Assessment Report prepared by 3D Design Bureau has been submitted. There is a small no. of rooms (3 no.) that do not achieve the recommended minimum levels of daylight. These rooms are located on the south of Block A and are impacted by the trees. Open spaces far exceed the recommended minimum level of sunlight.
- (i) The 1.2m high parkland metal railing boundary treatment is to allow pollinator hedges of passive supervision. The applicant is willing to agree such details with the Planning Authority and/or accept a condition concerning this matter.
- (i) A Building Life Cycle Report has been submitted.

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Details of the proposed solar/pv panels including sq.m and megawatt output were addressed in the submitted Energy Report.

Assessment:

- (a) The updated Design Statement provides the information listed under section 2.8.2 of the Planning Scheme. The Roads Department have requested cross sections of road types.
- (b) The omission of render on apartment Blocks A and B is welcomed. The elevational drawings show that the apartment balconies on Blocks A and K would have metal railings. Proposed Block B would have clear glazed balcony guarding. This should be amended to metal railing in the interest of visual amenity.

The two storey element of Block A has been fully omitted (the request was to reduce in extent). While the revised design helps provides a stronger frontage onto the plaza, a two storey element provides an element of human scale to an important pedestrian area. An element of this should therefore be incorporated back into the design. Further variation in material (brick colour and design) and form should be provided for Blocks A and B. Of particular concern are the eastern and western elevations of Block A.

Apartment Block K appears to be partly finished in render, which should be omitted. The variation in materials and massing of this building helps break it up and creates visual interest. Adequate privacy strips should be provided along the western front of the proposed ground floor duplexes.

The windows to the living rooms for these units appear to front directly onto a public footpath.

Further variation in material (brick colour and design) should be provided for the duplex units along the permitted Link Street. These currently appear to be similar in colour and design.

Additional site sections/contiguous elevational drawings should be submitted. In particular, a site section along the Link Street facing south should be provided. Site sections along other proposed streets should also be submitted.

The above should be addressed by way of clarification of additional information.

(c) The duplex units would have accesses on both (front and rear) sides. The ground floor unit would be accessed from one side and the upper unit from the other. The proposed perimeter blocks have been designed generally in accordance with the principles outlined in the Planning Scheme.

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(d) The Planning Scheme states that 'In order to encourage pedestrian permeability and ensure that streets and blocks are dimensioned to reflect their function and setting, reduced block lengths shall be utilised across the SDZ lands.' The proposed blocks are largely irregularly shaped. The Planning Scheme states that 'Larger or irregular blocks of up to 120 metres should be broken up using mid-block penetration with short cul-de-sac/mews development to serve a small number of dwellings'.

The longest block dimension would be the row of houses in the northern part of the scheme, facing east towards the central area of open space. Although irregularly shaped, the block extends up to 130m. The applicant should consider increased pedestrian permeability in relation to this block.

This should be addressed by way of clarification of additional information.

- (e) The Roads Department have requested detailed cross sections of all proposed road types.
- (f) Proposed Site Plan Drawing No. 2004-PL-002 does not specify the distances between entrances.

This should be addressed by way of clarification of additional information.

- (g) Separation distances in relation to privacy have been indicated. The Planning Scheme states that a 'separation distance of 22 metres should generally be provided between directly opposing above ground floor windows to maintain privacy between residential schemes'. The proposed development generally complies with this in terms of back-to-back separation distances, which is acceptable.
- (h) The submitted Daylight and Sunlight Assessment Report shows general compliance with the relevant standards. The assessment should be revised to include the units proposed in proposed Block K and any associated communal open space with this building. **This should be addressed by way of clarification of additional information.**
- (i) The Planning Authority would still have concerns in relation to boundary treatment of corner sites. This can be addressed by way of **condition.**
- (j) A Building Life Cycle Report has been submitted in compliance with the 2020 Apartment Guidelines.

The submitted Energy Statement and SEAI PV Calculation Method document states that the total KW/yr would be 542,707. The use of renewable energy is welcomed by the Planning Authority. Information in relation to the capacity of renewable energy is sought in relation to the calculation of development contributions. An updated calculation of capacity of a revised development should be submitted as part of clarification of additional information.

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Item 7

Services & Infrastructure

- (a) The applicant is requested to submit a letter of confirmation of feasibility from Irish Water for water supply and wastewater connections.
- (b) The applicant is requested to submit a noise impact assessment, carried out by appropriately qualified acoustician and competent persons, must be submitted in order to assess the potential impact of environmental noise from the railway line. The proposed noise assessment must assess if noise from the nearby train line will impact on the proposed development. Where deemed necessary a statement outlining recommended acoustic control measures that should be incorporated into the design and construction of the proposed residential units and/or site to ensure against adverse noise impacts on the occupiers must be included. South Dublin County Council Environmental

Noise Action Plan 2018 – 2023 recommends that the noise impact assessment should demonstrate that all facets of the UK 'Professional Practice Guidance on Planning & Noise' (2017) (ProPG) have been followed.

Applicant's Response:

- (a) Confirmation of Feasibility letter from Irish Water submitted.
- (b) Acoustic Design Statement prepared by Byrne Environmental submitted. The daytime and night time noise levels are within the Low risk category. In order to mitigate the inward noise impact and achieve the internal acoustic design criteria specified in BS 8233:2014, specific mitigation measures including acoustically rated windows and wall vents shall be integrated into the design of all identified units facades fronting towards the Dublin-Cork rail line.

Assessment:

- (a) Irish Water have reviewed the information submitted and have no objection subject to a condition that prior to the commencement of development connection agreement(s) for water supply and wastewater are sought. This **condition** should be included in the event of a grant of permission.
- (b) The acoustic report is noted, and the recommended acoustic measures should be implemented in full in the event of a grant of permission. An amended acoustic assessment may be required as a result of amendments to the design and layout of the development in response to clarification of additional information.

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Item 8

Landscape & Open Space

The applicant is requested to submit the following:

(a) Green Infrastructure

A revised proposal that provides for the Strategic Green Corridor and Local Green Corridors as indicated in Figure 2.3.1 of the Planning Scheme. Street trees should be provided on both sides of local streets and homezones.

(b) Trees and Hedgerows

A tree and hedgerow management plan that shows the amount of trees and hedgerow being removed and the amount of compensatory/replacement trees and hedgerow being planted as part of the proposals. To be in compliance with the SDZ and the requirement of no net loss of hedgerow across the scheme, the amount of compensatory/replacement hedgerow provided in this development shall be at least equal to that being removed. A bond will be required for all trees and hedgerows to be retained by the Planning Scheme.

(c) Surface Water Drainage

It is essential that open spaces accommodating SUDS measures such as attenuation ponds and swales are designed in order to achieve a balance between surface water management and high- quality open space. The applicant is requested to confirm that the attenuation tanks will not preclude the retention and protection of the existing north south hedgerow/tree line. If required these tanks should be moved to facilitate this. The permitted attenuation pond in the south-east corner of the site should be fully incorporated into the landscape and open space proposals. Further above ground SUDS measures should be incorporated into the overall proposal.

(d) Landscape Plan

A revised detailed landscape plan, to be agreed with Public Realm, with full works specification, that accords with the specifications and requirements of Council's Public Realm Section. The revised landscape plan shall integrate retained and enhanced hedgerows and trees, tree planting and SuDS drainage to provide strong green infrastructure links throughout the development in accordance with Clonburris SDZ Planning Scheme, Parks and Landscape Strategy and Biodiversity Management Plan. The revised Landscape Proposals shall incorporate:

- i. Street trees that are in line with the requirements set out in the Clonburris Strategic Development Zone Planning Scheme (Clonburris SDZ) 2019' and the 'Design Manual for Roads and Streets (DMURS) 2019.
- ii. Street tree provision to incorporate small scale SuDS features that enhance biodiversity, provide amenity, manage surface water volume while providing water quality treatment. iii. Details of street tree planting to be submitted to the Public Realm Section of SDCC for agreement. Urban tree pits to include SUDs measures / storm water attenuation. The developer shall submit cross section details of the SUDs tree pits, including growing and drainage/storage media.

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- iv. Street trees Size at planting a minimum of 18 to 20-centimetre girth (cmg) within local streets and a minimum of 16-18 cmg on intimate local streets (homezones) as per the requirements of the Clonburris SDZ Parks and Landscape Strategy.
- v. Retained, removed and compensatory hedgerow and trees to be clearly identified on Landscape Plans.
- vi. Parkland/Open Space tree planting to include a range of semi-mature specimens that are a minimum of 20-25cmg and specimen ornamental trees to include trees that are 30-35 cmg.
- vii. Details of all natural SuDS features including swales, rain gardens, bioretention tree pits, channel rills, filter strips, ponds, detention basins with lower areas allowed to fill first (low flow channels), wetlands etc.
- viii. All hard and soft landscape details; including levels, sections and elevations ix. A fully detailed Planting Plan clearly setting out the Location of species types, schedule of plants noting species, planting sizes and proposed numbers/densities where appropriate.
- x. Landscape masterplan/planting plan to clearly delineate street lighting to ensure street tree proposals are realistic. If this is not currently the case, proposals to be revised to ensure street tree delivery.
- xi. Tree and hedgerow protection measures: show extent and position of tree and hedgerow protection fences
- xii. Tree Impact Plan
- xiii. Implementation timetables.
- xiv. Grassed areas and slopes need to provide for safe grass cutting (generally 1 in 8 slope, max 1 in 6) with ride on lawn mowers or tractor with a 16 foot mower pulled behind.
- xv. Detailed proposals for the future maintenance/management of all landscaped areas.
- xvi. Lockable (preferably automated) vehicular access to local parks and that maintenance vehicular access is possible where required throughout the park area. xvii. Boundary details and planting to be to taking in charge standard and to be agreed with SDCC Public Realm.
- xviii. Local Park boundaries to have railing suitable to public realm, i.e., a permanent low wall with heavy duty round bar, minimum 16mm diameter galvanised and powder coated matt black metal railing, 1.8m high, suitable for public realm or a permanent 2m high wall.
- xix. All areas proposed for taking in charge shall be to a taking in charge standard that ensures ease of maintenance including ease of access. Soft landscape areas intended for taking in charge should predominantly consist of grass, hedges, trees, woodland planting, meadowland or bulb planted areas using predominantly native and/or pollinator friendly species and comply with the requirements of the Clonburris SDZ Biodiversity Management Plan. Trees to be grouped appropriately to enable access to meadows for cutting.

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a. avoids use of ornamental ground cover or ground cover or treatments that need intensive maintenance or herbicide use.

b. extensive areas of herbaceous perennial ground cover should also be avoided.

c. minimises the use of shrubs that require regular maintenance

d. the exception to the planting criteria above is the planted swales required for SuDS where riparian

planting is required. Swales to be planted with wildflowers.

xx. Open space shrub planting to be native and include pollinator friendly species. Suitable species include hazel Corylus avellana, wild privet Ligustrum vulgare, guelder rose Viburnum opulus and yew Taxus baccata.

xxi. Native species shall be used for formal hedging proposed within Clonburris SDZ e.g., residential. Suitable species include hazel Corylus avellana, wild privet Ligustrum vulgare, guelder rose Viburnum opulus and yew Taxus baccata.

xxii. Woodland planting should use the Miyawaki technique (3-5/m2) in order to establish quickly and reduce maintenance costs. This will require an establishment period and maintenance of 5 years for newly planted woodland areas prior to taking in charge. xxiii. Paths to be a permeable solid surface within flood attenuation areas.

xxiv. All playspace surfacing to be engineered woodchip surfacing.

xxv. Any sand play areas to be enclosed with fencing.

xxvi. Details of all play items and natural play features to be provided and agreed with SDCC Public Realm Section.

xxvii. The relevant requirements of the Clonburris Parks and Landscape Strategy. xxviii. Landscape Proposals to reflect the requirements of additional information items relating to green infrastructure.

(e) Play

Proposals that demonstrate details of all play items, natural play features and safety surfacing are required. All play areas must be universally accessible. The applicant is recommended to contact Public Realm section to agree details of the natural play proposals.

(f) Biodiversity Management Plan

A site-specific Biodiversity Management Plan demonstrating compliance with the Clonburris BMP. This should include details of any site clearance works and/or the establishment of access routes and site compounds. The applicant is advised to contact SDCC Heritage Officer prior to the preparation of the BMP. The BMP shall be devised by a qualified and experienced ecological expert/ecological team who can demonstrate previous experience of devising and implementing such a plan.

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The BMP shall clearly demonstrate how it proposes to adhere to and implement the ecological objectives and recommendations of the Clonburris SDZ Scheme, the Clonburris SDZ Biodiversity Management Plan, and the Parks and Landscape Strategy. Particular focus is to be placed on demonstrating the retention and enhancement of:

- An appropriate level of existing biodiversity,
- the robust and sustainable nature of any proposed replanting,
- the strengthening of exiting GI links, and
- the creation of new and appropriate green infrastructure.

The BMP will clearly indicate how the implementation of the BMP will be monitored, with appropriate remediation measures where shortfalls may occur within the development.

Applicant's Response:

- (a) Proposal allows for street trees to be provided, as far as is practical when taking into account space required for underground common, physical infrastructure. Site subject to permitted infrastructure. Locations/wayleaves where tree planting will need to be agreed with Irish Water.
- (b) Trees and hedgerows are to be retained where possible, including the main north-south hedgerow. Amount of compensatory/replacement hedgerow proposed is greater than that removed.
- (c) Permitted attenuation tanks will not be altered by this application. Necessary measures are/will be in place to protect the north-south hedgerow. Revised landscape proposals around permitted attenuation pond in south-east corner.
- (d) Street trees provided throughout the proposed development.

Street trees will incorporate small scale SUDS features. Details on tree pits provided. Tree pits permitted along Link Street.

Details of tree species, types and sizes provided.

Arborist plans incorporated into proposed landscaping plans.

In terms of proposed SUDS tree pits, permitted attenuation pond augmented with wetland planting and green roofs.

Landscape and planting details

provided. Landscape plan delineates

street lighting.

Proposed boundary details and planting are to TIC standard and are to be agreed.

- (e) Submitted landscaping proposals detail play items, features and surfacing. Project landscape architect met with SDCC Public Realm to agree detail of natural play proposals. Roundabout play item will be universally accessible.
- (f) A Biodiversity Management Plan prepared by RSK has been submitted. Measures including new hedgerow planting, retention of existing hedgerow, planting of trees, wildlife pond, wildflower meadows and maintain and enhance connectivity of habitats.

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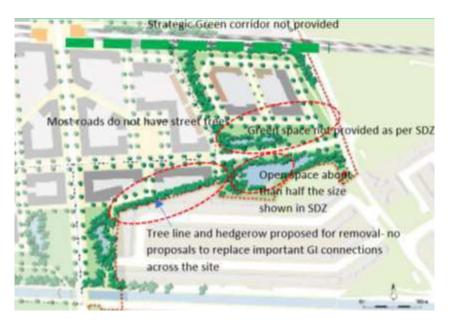
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Assessment:

(a) The Public Realm Section have reviewed the information submitted and state that 'Insufficient Green Infrastructure (GI): The proposals are not compliant with Clonburris SDZ in relation to the green infrastructure links that are required as part of the scheme.

The proposals fragment the existing Green Infrastructure that should be protected and enhanced. It also fails to provide the primary or local green corridors and also fails to provide the tree lined streets.

Design changes are required to better protect and enhance the existing Green Infrastructure and develop the site as intended in the SDZ. Street trees fully in the Public Realm and integral to the street are required.'



The Public Realm Section states that to ensure compliance with the Clonburris SDZ Planning Scheme and the County Development Plan (2022-2028), the Information previously requested should be provided and agreed.

In relation to green infrastructure, they request:

'Redesigned proposals that demonstrate:

- i. A Strategic Green Corridor along the northern boundary of the site adjacent to the Dublin- Cork Railway.
- ii. A Local Green Corridor approximately N-S along the eastern boundary incorporating nature based SuDS: planting proposals require strengthening as there is no difference between it and the tree planting proposed on the other local streets and

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homezones.

- iii. A Local Green Corridor approximately N-S and E-W along the westernmost local street south of Clonburris Link Street incorporating nature based SuDS: planting proposals require strengthening as there is no difference between it and the tree planting proposed on the other local streets and homezones.
- iv. A Local Green Corridor approximately N-S through the centre of the development increasing the retention of trees and hedgerows;
- v. Provision of street trees on both sides along local streets and homezones.
- vi. Provide a Green Infrastructure Plan: demonstrate compliance with the requirements of 12.4.2 of the County Development Plan: ,i.e., how they contribute to the protection or enhancement of Green Infrastructure in the County through the provision of green infrastructure elements, having regard to:
 - i. Where the development site is located within or close to a Core or Corridor the development should, at a minimum, protect any existing GI assets and enhance same (for example, not breaking a GI Corridor but enhancing same with a connecting piece of planting, retaining hedgerows or woodlands);
 - ii. The characteristics and assets of the proximate GI Core, Corridor or SteppingStone should be reflected within proposed development, for example continuation of hedgerows, tree planting, waterways;
 - iii. Development should seek to enhance or restore features that act as ecological corridors, particularly water features, hedgerows, tree lines, areas of un-cultivated land. These, or some element of them, should be incorporated into the proposed development to create pathways for wildlife and / or increase amenity value;
 - iv. Development sites which are not located proximate to designated GI Cores or Corridors should identify the nearest designated GI Core, Corridor or Stepping Stone and make provision for GI interventions on the site which could eventually provide a link to local Stepping Stones, Cores or Corridors;
 - v. Developers should be aware that ecological corridors can also act to quickly spread non- native invasive species. Therefore, identification and control of invasive species site should be included in planning applications and the GI Plan.
 - vi. All development proposals shall be accompanied by a Green Infrastructure Plan, which will normally be submitted as part of the suite of Landscape Plans that are required for a development. Plans shall include the following:
 - vii. Site location plan showing the development site in the context of the wider GI as shown on the Council's GI Plan for the County;
- viii. Site survey and analysis, identifying existing GI Infrastructure and key assets within the site;
 - *i.* Indicate how the development proposals link to and enhance the wider GI Network of the County;
 - ii. Proposed GI protection, enhancement and restoration proposals as part of the

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landscape plan, where appropriate, for the site;
iii. Proposals for identification and control of invasive species.'

The Planning Authority would agree that green infrastructure including green corridors have not been adequately addressed. The applicant should be requested to address this by way of clarification of additional information.

(b) The Public Realm Section state that 'There are sections of existing hedgerows proposed for removal that should be retained by the scheme. Some hedgerow has been removed without permission and extensive damage was done to trees and hedgerow prior to the arboricultural survey being carried out. Rather than removal these hedgerows are required to be strengthened. The AI has completely ignored this issue.' 'There is a very low proportion of hedgerows proposed for retention. Two full hedges; 32m of another hedge and 57% of trees are proposed for removal. There is an additional length of hedgerow and several hedgerow trees proposed for retention that it wouldn't be possible to retain due to construction of underground tanks within the root protection area. This is unacceptable. There needs to be a greater effort to plant compensatory hedgerow in the local parks, green spaces, along the railway corridor and roadsides.'

The Public Realm Section request that the following is submitted

- *'a) A tree and hedgerow management plan that:*
- *i)* retains the trees and hedgerows required by the Planning Scheme
- ii) shows the amount of trees and hedgerow being removed and the amount of compensatory/replacement trees and hedgerow being planted as part of the proposals.
- b) To be in compliance with the SDZ and the requirement of no net loss of hedgerow across the scheme, the amount of compensatory/replacement hedgerow provided in this development shall be at least equal to that being removed.

A bond will be required for all trees and hedgerows to be retained by the Planning Scheme.' The Planning Authority concurs that further compensatory planting is required. Trees and vegetation within what will be privately owned spaces (rear gardens) cannot be relied upon as compensatory planting that will be appropriately retained and managed. The applicant should also be cognisance of retaining or planting hedgerows/vegetation so that it is incorporated into open space and areas that will be appropriately managed and accessible, planting in inaccessible locations between separating walls is not appropriate. The applicant should be requested to address this by way of clarification of additional information.

(c) The Public Realm Section state that 'Significant and integrated SUDS infrastructure, including a high amenity retention pond/ lake within a new strategic open space at Cappaghmore has not been provided. This, and the use of small-scale natural SuDS to create/enhance Local Green and Strategic Green Infrastructure Links is required by the Planning Scheme. Landscape drawings are required to include details of the amenity and

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biodiversity value of SUDS.'

'The majority of the green open space has underground attenuation tanks which reduce the capacity to plant trees or create a strong green corridor. These tanks provide no water treatment, amenity or biodiversity value yet the natural SUDS which attenuate water, provide water treatment as well as amenity and high biodiversity value have not been provided.'

'The proposed engineered detention basin is unacceptable in a Public Open Space area. It has not been designed in accordance with the Councils SUDS Guidance and is lacking in amenity and biodiversity value. Further natural SuDS should be used to create/enhance the Local Green and Strategic Green Infrastructure Links required by the Planning Scheme. The proposal for a gravel path in an area that is designed to flood is also not acceptable.' The Public Realm Section request in relation to SUDS 'The Clonburris SDZ strategy requires a green infrastructure based approach to drainage and stormwater management. SuDS are to be designed as an ecological resource designed into the street, public squares and open space network. These shall be of a high quality, designed as a series of 'wet' and 'dry' landscape elements to achieve a multifunctional space for amenity, biodiversity and surface water management.

It is essential that open spaces accommodating SUDS measures such as attenuation ponds and swales are designed in order to achieve a balance between surface water management and high- quality open space. The scheme requires:

- A system of infiltration trenches, tree pits, permeable paving, swales, green roofs, and other elements that should direct surface water to attenuation areas.
- Swales designed as linear landscape elements to enhance streetscape and neighbourhood character and identity.
- Surface water to be captured and treated within the curtilage of each site using green roofs, rainwater gardens, filter trenches or bio retention units.
- The perimeter attenuation areas to be profiled to enable walkways, high quality planting, amenity edges, and habitat establishment.
- Open spaces to have 'important Sustainable Urban Drainage System functions' with 'SUDS features such as major detention ponds and swales' and 'Retention and enhancement of selected hedgerow.'
- Local Parks and Squares to 'include local level SuDS function with small swales and bioretention areas and Retention and enhancement of selected hedgerow
- Local Links to incorporate 'Tree lined street and avenues' and 'small scale SUDS features such as swales, where appropriate'

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Significant and integrated SUDS infrastructure proposals are required that demonstrate:

- i. A high amenity retention pond/ lake within a new strategic open space at Cappaghmore
- ii. Retention of the hedgerow required to be retained by the planning scheme
- iii. Further SuDS along local green links, e.g., bioretention tree pits, swales, disconnected downpipes, rain gardens etc.
- iv. Swales to be planted with native and pollinator perennial riparian wildflowers using local species. Full species lists for the SDZ can be found in Ecological Survey of Clonburris (FERS Ltd., 2018).
- v. Details on how the SuDS elements function.
- vi. Inclusion of all above ground SUDS features in attenuation calculation (avoid underground systems).
- vii. Paths in Public Open Spaces used to attenuate water to be a permeable solid surface.
- viii. An integrated multi-disciplinary approach which locally addresses water quality, water quantity, and provides for amenity and biodiversity enhancement and meets the objectives of the Clonburris SDZ Planning Scheme (2019), the Clonburris SDZ Parks and Landscape Strategy (2019), Clonburris Biodiversity Management Plan (2021), South Dublin County Council Development Plan (2022-28) and is compliant with SDCC SUDS Explanatory Design and Evaluation Guide (2022).'

Water Services have no objection subject to conditions including that SuDS are included in the proposed development and refers to the SDCC Sustainable Drainage Explanatory Design & Evaluation Guide 2022.

It is acknowledged that surface water attenuation for the SDZ lands, including the subject site, has been permitted under for the site is permitted under Reg. Ref. SDZ20A/0021. The Public Realm Section has raised concerns in relation to the landscaping design around the permitted pond.

Further above ground SUDS measures should be considered where appropriate and incorporated into the landscape design. This should be addressed by way of clarification of additional information.

- (d) The Public Realm Section state that 'A new strategic open space at Cappaghmore has not been provided. The proposal has a major deficit of open space when compared to the SDZ so is not in compliance.'
- 'A major redesign of the development is required to provide the required high quality multifunctional open space that delivers amenity, biodiversity, water quality and attenuation.'

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In relation to street trees Public Realm state 'There is very poor street tree provision throughout the development. The planning scheme requires:

'Streets should be generously planted at frequent intervals to soften the impact of parking and strong building frontages at intervals of 14-20 metres. In the interest of biodiversity and place making, reduced spacing between street trees should be considered where appropriate and achievable. (Planning Scheme P64).

A high quality of Street Tree planting is required throughout the development to strengthen Green Infrastructure links.

Landscape proposals are required that demonstrate:

- i. All Streets: Street Trees to be provided as per the Clonburris SDZ Planning Scheme.
- ii. Street Trees to be provided fully in Public Areas to be an integral part of the street rather than in front gardens. The applicant is referred to the Clonburris SDZ Planning Scheme 2019, Clonburris SDZ Parks and Landscape Strategy and DMURS (2019) for guidance on street tree provision and appropriate design layouts for local streets and homezones.
- iii. All Street Trees planted within the Public Realm shall have suitable tree pits that incorporates SuDS features including sufficient growing medium.
- iv. Street Trees to be planted at:
- *a) Minimum 18-20m girth along local streets*
- b) Minimum 16-18cm girth on intimate local roads, i.e., homezones. '

In relation to the landscape plan Public Realm state 'A revised detailed landscape plan, to be agreed with Public Realm, with full works specification, that accords with the specifications and requirements of Council's Public Realm Section. The revised landscape plan shall integrate retained and enhanced hedgerows and trees, tree planting and SuDS drainage to provide strong green infrastructure links throughout the development in accordance with Clonburris SDZ Planning Scheme, Parks and Landscape Strategy, Biodiversity Management Plan and SDCC County Development Plan (2022-2028).'

Public Realm list what the revised landscape proposal shall incorporate, including addressing concerns in relation to green infrastructure, SUDS, street trees etc (similar to what was listed under the AI). A revised landscaping proposal incorporating should be submitted by way of clarification of additional information.

(e) In relation the Public Realm Section state in their assessment 'A far greater level of play provision is required than what is proposed. The concept of using natural play is acceptable however we require further detail on this. All play areas must be universally accessible.' 'Proposals that demonstrate details of all play items, natural play features and safety surfacing are required. All play areas must be universally accessible.

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The applicant is recommended to contact Public Realm section to agree details of the natural play proposals.' This should be addressed by way of clarification of additional information.

(f) Revised BMP should be submitted.

It is noted that overall, the Public Realm Section recommend that permission is refused. Given that the proposed development is acceptable in principle, the Planning Authority is of the opinion that the applicant should be afforded the opportunity to address these concerns by way of **clarification of additional information.**

Item 9

EIA

The submitted EIA Screening & Statement in Accordance with Article 299B(1)(B)(II)(II)(C) of the Planning and Development Regulations 2001-2021 refers to the proposal as a BTR and grid connection development under section 3.2.1. This should be revised to refer to the subject development.

Applicant's Response:

The applicant confirms that the proposed development is not BTR. An updated EIA Screening & Statement has been submitted.

Assessment:

It is considered that this item has been satisfactorily addressed.

Item 10

A full revised schedule with proposed units, floor areas and open space provision shall be provided. The schedule shall also provide details of compliance with Section 2.13 of the Planning Scheme.

Applicant's Response:

An updated HQA and revised schedule have been submitted. The total no. of dwellings proposed is 283 no. (reduced from 294 no.).

Assessment:

The HQA shows that a few apartment floor areas and/or their balconies/terraces would not meet the minimum floorspace requirements of the 2020 Apartment Guidelines. **This should be addressed.**

The items requested for clarification will result in amendments. A full revised schedule with proposed units, floor areas and open space provision shall be provided as part of clarification of additional information.

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Conclusion

The proposed development is generally considered to be acceptable and generally in keeping with the Clonburris Planning Scheme. However, a number of issues should be addressed by way of **Clarification of Additional Information.**

Recommendation

Request Clarification of Additional Information.

Clarification of Additional Information

Clarification of Additional Information was requested on the 4th of January 2023. Request for extension of time granted up to and including the 9th of June 2023. Clarification of Additional Information was received on the 3rd April 2023 (not deemed significant).

Clarification of Additional Information Consultations

Department of Defence No observation received.

H.S.E. Environmental Health Officer
Irish Water

No objection subject to conditions.
No objection subject to conditions.

National Transport Authority Observation received. Transport Infrastructure Ireland Observation received.

Clonburris SDZ Team No report received at the time of writing this report. Heritage Officer No report received at the time of writing this report.

Public Realm Recommend refusal.

Roads Department No objection subject to conditions. Water Services No objection subject to conditions.

The National Transport Authority has submitted an observation that states the following: The National Transport Authority (the "NTA") has reviewed the clarification of additional information submitted on the subject planning application and based on the Transport Strategy for the Greater Dublin Area 2022-2042 (the "Transport Strategy"), wishes to submit the following recommendation.

Car Parking

In its submission on the original application, dated 8th August 2022, and its submission on the additional information, dated 22nd December 20022, the NTA underlined significant concerns in relation to the level of car parking provision provided for as part of the development. It was noted that it was intended to provide for 2 parking spaces for each of the 118 housing units proposed, in line with the maximum permissible under the SDZ Planning Scheme / County Development Plan.

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The NTA recommended that, in order to ensure that the Clonburris SDZ is developed in a sustainable manner, the off-street parking provided for the housing is reduced to 1 per unit in order to reflect the site's accessibility to high-quality existing and proposed public transport services and to reflect the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes public transport, walking and cycling, and which minimises the potential impact of development on the surrounding road network.

As per Appendix A of the Letter submitted as part of the Clarification of Additional Information the revised proposal provides for 256 residential units (111 houses, 102 duplexes and 43 apartments) and 287 car parking spaces associated with the residential element of the development. This represents an overall ratio of 1.2 spaces per unit and a ratio of 0.5 in terms of off-street parking. The NTA notes that this represents a reduction of approximately 107 car parking space from the original proposal. It is the view of the NTA that the revised level of car parking more appropriately reflects the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes sustainable transport.

Transport Infrastructure Ireland has submitted an observation that states the following: With reference to the further information submitted in connection with the above planning application, I wish to advise that the Authority's position remains as set out in our letter of 03-Aug-2022.

These observations have been taken into consideration in the assessment of the clarification of additional information received.

Assessment of Clarification of Additional Information

Item 1 Requested

Layout & Design

It is not considered that AI Item No. 1 has been adequately addressed in relation to the following:

- (a) Further information on the opportunities for plaza enclosure on the western and eastern edge of the plaza is required as there are technical concerns with the proposed solutions. Further green infrastructure and SUDS should be incorporated in the public urban plaza.
- (b) Under Table 2.13.1 of the Planning Scheme the non-residential floorspace parameters for the CUC-S4 sub-sector are maximum retail floorspace of 1, 200sq.m and minimum non-retail (employment) floorspace of 5, 000sq.m. The proposed development provides for retail/commercial floorspace. The applicant has noted that 'It is envisaged that a quantum of 5, 300sq.m of non-residential space (community and employment) can also be provided across the shared landholding'. Given the scale of this floorspace the applicant should be requested to provide further detail to how this might be facilitated. This might involve a block specifically allocated to employment use.

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(c) Item 1B(a) is referring to subject site lands within the applicant's control/ownership. The Planning Scheme shows that the eastern end of the Link Street would have a significant area of open space on both sides of the street. The key objectives of CSE Development Area include to 'To provide locally accessible open spaces of local and strategic importance' and 'To ensure high levels of legibility and ease of orientation'. This Development Area provides the entrance to the SDZ lands from the east. The applicant should provide further open space and landscaping in the south-eastern part of the site, where the Link Street meets Ninth Lock Road. This should include increasing the size of open space to the north of the Link Street at this entrance and providing a high quality design.

Applicant's Response:

(a) Block K has been moved westwards, towards the urban plaza. The internal access road off the southern link street has been moved eastwards. Agreed in principle with CIL. Feature signage wall.

Urban plaza comprised of a mix of hard and soft landscaping, tree lined planting, seating and feature signage.

Green spaces and SUDS. Tree pits.

(b) Total proposed retail/commercial floorspace is 485sq.m. In addition, a creche of 487sq.m is proposed which may be considered to contribute to employment floorspace. Feasibility has been updated. It is feasible to accommodate a building dedicated to employment use only on adjoining third party lands. This will not affect/impact on the overall residential density for these lands. (c) Site layout plan has been revised to create a larger area of public open space on the northern side of the link street. Revised landscape proposals submitted. Kickabout area and play equipment proposed.

Assessment:

(a) The enclosure of the plaza on the eastern side is welcomed. Block K is now fronting onto the plaza. This building has ground floor commercial/retail floorspace in the south-west corner. There would be 2 no. duplex units with entrances onto the plaza. These would be setback and privacy strips provided. However, this is not considered the best use at ground floor fronting onto an urban plaza. The duplex units should be omitted and replaced with non-residential floorspace. A revised design for Block K can be agreed by way of **condition**.

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The Public Realm Section have reviewed the information submitted and state 'The response to this request and the proposed design are not acceptable to Public Realm. The landscape design would lead to a poor-quality plaza still lacking enclosure on the western boundary. The SUDS design lacks sufficient detail and has poor amenity and biodiversity value. Please refer SDCC Suds Guidance'.

It has been addressed previously that the plaza can be enclosed on the western side as part of a future plan for the western adjoining lands. SUDS and landscaping can be addressed by way of **condition**.

It is noted that moving the junction off the link street has been agreed in principle with CIL. Proposed public realm and commercial/retail/creche signage can be agreed by way of **condition**.

(b) The proposed commercial/retail units would equate to 485sq.m. The minimum employment non-retail floorspace for CUC-S4 is 5,000sq.m. The applicant has indicated a block in the indicative masterplan could be dedicated to employment use. They state that the previously suggested overall figure of c.5,300sq.m of non-residential space (community, retail and employment uses) that can be provided remains the same. The allocation of the employment building would not affect the overall residential density for these lands.

Through the omission of the 2 no. duplex units a further 220.2sq.m commercial/retail floorspace can be provided. This brings the total to 705.2sq.m.

In the interest of facilitating the development of CUC-S4 in line with the Planning Scheme, it is considered appropriate that the details of the intended use and occupier of each commercial/retail unit should be agreed with the planning authority prior to occupation and limited in accordance with the class of development in the Regulations. In the event of a grant of permission, this matter can be addressed by **condition**.

The provision of employment, commercial and retail floorspace is key for the successful delivery of the Clonburris Urban Centre. In order to ensure the provision of such services, applicant should submit, by way of **condition**, a detailed phasing schedule for the development as proposed, which specifically sets out the timeline and agreement for the delivery of the development.

(c) The Public Realm Section state in their report 'Additional Open Space fails to comply with the approved SDZ scheme. The proposed Open Space design is unacceptable to Public Realm. The layout of the open space with the pond is both inaccessible and potentially dangerous for residents. The layout of new open space to the north of the link road with play area and kickabout space needs to be redesigned as it is also potentially dangerous for children'.

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A redesign of these open spaces can be agreed by way of **condition**.

Item 2 Requested

Parameters

It is not considered that AI Item No. 2 has been adequately addressed in relation to proposed net residential density for sub-sector CSE-S1. The net developable area for CSE-S1 is stated by the applicant as 2.40ha. The Planning Scheme provides a net developable area of 2.17ha for CSE-S1.

The Planning Scheme states that 'for calculation purposes, Net Development Area comprises Gross Development Area excluding strategic parklands, canal corridors, schools and existing residential development'. It is acknowledged that the developable area for CSE-S1 identified in the Planning Scheme would in part overlap with the north south hedgerow and open space to be retained/provided. However, the developable area under the subject application has extended elsewhere (mostly south) to result in a net developable area of 2.40ha.

The average net density target low and high margins for CSE-S1 is 51-61dph. This is based on -5dph and +5dph from the target density. The Planning Authority would have concerns with the proposed development not providing for a net density within this margin given that this proposal would deliver the full net developable area for CSE-S1. The applicant should be requested to provide a higher net density than proposed for this sub-sector. It may be appropriate to consider increasing the density in the north-west of this sub-sector, to the east of the north south hedgerow and open space.

Applicant's Response:

Revised site layout plan accommodates 112 no. units in sub-sector CES-S1, on a net developable area of 2.1ha, which includes 4,300sq.m of open space, located in the western part of this sub-sector.

Net density of 53 units per ha.

An additional 0.19ha of development is also proposed to the south of the link street, upon which it is proposed to provide duplex blocks accommodating 24 no. dwellings.

The site boundary (red line) around sub-sector CSE-S2 has been revised due to the omission of Block B. Sub-sector CSE-S2 has an area of 1.13ha under the planning scheme, of which c.0.9ha is located within the subject site. It is proposed to provide 46 no. dwellings on this. There is headroom on the adjoining third party lands in CSE-S2 to accommodate an additional c.29-38 no. units. It is envisaged that c.75-84 no. units can be accommodated on lands within CSE-S2, with an average of c.79 no. units. Possible density range of 66-74 units per ha net, which is within the target range.

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The maximum target no. of dwellings to be accommodated on both CSE-S1 and CSE-S2 is 217 no. under the planning scheme. The proposal provides for 215 no. within a net developable area of 3.3ha. net density of c.65 units per ha.

The overall average density for CSE-S1 is 56 units per ha and the average density for CSE-S2 is 70 units per ha.

Blocks C & D creates a strong urban frontage and mirrors dwellings to the north.

Assessment:

The subject site comprises of the full extent of sub-sector CSE-S1 and parts of sub-sectors CSE-S2 and CUC-S4. The parameters of the Planning Scheme have been reassessed as follows:

	Urban Centre		South East		Proposal
Net Developable	CUC-S4 3.82ha		CSE-S1 2.17ha		CSE-S1 2.1ha
Area	CUC Total 17.90ha		CSE-S2 1.13ha		(Additional area
			CSE Total 3.30ha		0.19ha) 2.29ha
					CSE-S2 0.9ha
					CUC-S4 1.85ha
No. of units (Range)	CUC-S4 258-573		CSE-S1 111-132		CSE-S1 88
	CUC Total 1,194-		CSE-S2 73-85		(Units on additional
	2,686		CSE Total 184-217		area 24 no.) 112 no.
					CSE-S2 46
					CUC-S4 98
					Omit 2 no. in CUC-S4
					96
No of units (Target)	CUC-S4 414		CSE-S1 122		As above.
	CUC Total 1,938		CSE-S2 79		
			CSE Total 201		
No of units			CSE 184-217 (Range)		CSE-S1 88
Development Area			201 (Target)		(Units on additional
					area 24 no.) 112 no.
					CSE-S2 46
					Total 158
Net Density*	Subsector	Density	Subsector	Density	CSE-S1 42 dph
	CUC-S4	67-150	CSE-S1	51-61	CSE-S1 Plus
			CSE-S2	65-75	additional area 49dph
					CSE-S2 51 dph
					CUC-S4 53 dph
					Omit 2 no. units 52
					dph
Affordable/Social	To be negotiated in		To be negotiated in		20% social housing

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dwellings	accordance with relevant legislation and SDCC Housing Policy		accordance with relevant legislation and SDCC Housing Policy		proposed.
Non-retail	CUC-S4 5,000sq.m		N/A		2 no. retail/
commercial	CUC Total	18,515			commercial units
development	sqm min				333sq.m & 152sq.m
					Omit 2 no. duplex and provide 220.2sq.m retail/commercial Total 705.2sq.m
Retail development	CUC-S4 1,200sqm		N/A		As above
	CUC Total				
	16,520sqm	max			
Community	2,500sqm min		N/A		None
-					To be provided in
					remainder of CUC
Building height	Subsector	Height	Subsector	Height	2-6 storeys
	CUC-S4	2-8 storey	CSE-S1	2-4 storey	
			CSE-S2	2-6 storey	
Local Parks and	CUC-S4 3,600sq.m		CSE-S1 4,300 sqm		12,001sq.m
Squares	CUC Total		CSE Total 4,300 sqm		
	15,200sqm				

^{*} Titled in the Planning Scheme as 'Average Net Density (Target)' for the Clonburris Urban Centre and 'Net Density' for Clonburris South East.

Local Parks and Squares

The proposed public open space provision is based on:

Central open space 6,557.2sq.m & 346.3sq.m (including hedgerow)

North of link street eastern entrance 2,182.2sq.m

South of link street eastern entrance 1,912.9 sq.m (including detention pond)

North-west corner 1,001.9sq.m

Sub Sector CSE-S1

The full extent of CSE-S1 is located within the subject site so is to be delivered in full. The net developable area is stated in the application at 2.1ha, including the 4,300sq.m public open space along the centre of the site and excluding the additional area of proposed duplexes to the south of the permitted link street.

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The applicant states in the submitted cover letter, and indicates on Figure 8, that 112 no. units are proposed on a net area of 2.1ha providing a density of 53dph. However, these figures do not appear to be correct. There is an additional area of 0.19ha with 24 no. duplex units to the south of the link street. The 112 no. on the 2.1ha, 24 no. on the 0.19ha and the rest of the site would equate to 280 no. units. The schedule of accommodation and HQA equates to a total of 256 no. units.

An additional 24 no. units have been counted in the 112 no. The site plan shows 88 no. units have been provided on the net area of 2.1ha, providing for a density of 41.9dph. The Planning Scheme states that the net area for CSE-S1 is 2.17ha, which the application site should be providing. With 88 no. units this provides for a density of 40.5dph. This is below the planning scheme parameters for CSE-S1 for no. of units (111-132) and density range (51-61dph).

By including the additional area of 0.19ha with 24 no., the total no. is 112 no., and the area is 2.29ha, providing for a density of 48.9dph. This is just within the low margin for no. of units and does not meet the low density margin.

The Planning Authority would have concerns with the proposed development not providing for a net density within the margin given that this proposal would deliver the full net developable area (plus 0.12ha) for CSE-S1. Housing along the Public Park Frontage, Nos. 127 to 142, should be reconfigured to provide for a higher density in CSE-S1. House/duplex types and/or no. of bedrooms should be reconsidered. This can be addressed by **condition**.

Section 2.13 of the SDZ Planning Scheme provides for a slight plot adjustment for each sub sector subject to criteria. The applicant has provided an analysis against this justifying the adjustment for CSE-S1.

This area of the site has already been comprised by the permitting of Whitton Avenue and the link street and attenuation. Given these constraints that are particular to this subsector, it is not considered that the permitting of this development would set an undesirable precedent for the rest of the Clonburris SDZ lands.

Sub Sector CSE-S2

Block B has been omitted and the area of CSE-S2 within the subject site has been amended to 0.9ha. 46 no. units are proposed providing a density of 51ha, which is under the planning scheme density range of 65-75dph.

The total net area of CSE-S2 in the Planning Scheme is 1.13ha, therefore 0.23ha still needs to be provided in the lands to the west. The applicant has submitted an indicative masterplan for the remainder of the lands for the provision of 2 no. blocks providing for approx. 29 to 38 units.

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This provides for approx. 75 to 84 units on the whole net area of CSE-S2, which is within the no. of units range. This density would be approx. 66 to 74dph, which is within the planning scheme density range of 65-75dph.

A higher residential density in the western part of CSE-S2, at the junction and opposite the urban centre is considered appropriate.

CSE Development Area

The total no. of units proposed in the CSE Development Area is 158 no. The feasibility study for CSE-S2 provides for a further 29 to 38, which brings the total to 187 to 196, which is within the no. of units margin of 184-217 for this Development Area. The target no. for this Development Area is 201.

Sub Sector CUC-S4

The net area for CUC-S4 has not changed from the additional information response. The net development area for CUC-S4 located within the subject site is 1.85ha. The applicant states that 98 no. units are proposed on this part of the site. This provides for a density of 53dph. 2 no. units are proposed for omission by condition (Block F) resulting in a density of 52dph (96 no. units). This is below the planning scheme density of 67-150dph.

The applicant states that approx. 235 units could be provided on the remainder of the CUC-S4 lands. With a total net area of 3.82ha this provides for approx. 331 no. units and a density of 86dph across the CUC-S4 overall. This is within the planning scheme's required no. of units and density ranges.

Due to the omission of the 2 no. duplex units in Block K, a total of 705.2sq.m commercial/retail floorspace is proposed. The applicant has demonstrated that the employment/non-retail minimum can be facilitated on the remainder of the CUC-S4 lands without compromising the residential density.

A minimum of 3,600sq.m Local Parks and Squares is required. While Urban Space is indicated as separate to Local Parks and Squares in the Planning Scheme the open space the Planning Scheme indicates within this sub sector is the square and open space along the north-east of the northern boundary. These areas have been proposed, the plaza is approx. 1,889.3sq.m and the area to the north is approx. 1,001.9sq.m, totalling 2,891.2sq.m. This is considered to be in compliance. The remaining open space can be facilitated on the remaining lands of CUC-S4.

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Item 3 Requested

Communal Open Space

In relation to AI Item No. 3 insufficient detail and consideration have been given to the layout and design of the communal open spaces. The communal open space for Block A in particular is not considered to have an overly usable shape and is closed in to the north by a water tank, bin store and bicycle store; access to these is not clear. This open space is indicated as narrow strips of open space along the eastern and northern sides of Block A, directly adjoining and overlooked by the creche unit.

The applicant should also be requested to address the accessibility of the communal open spaces for residents. There is a stairwell in Block A with direct access to the communal open space located to the north, although hedgerow planting is currently proposed across this access. Accessibility for mobility impaired should also be provided directly from the building to the communal open space (stairwell does not include lift). It does not appear that the communal open space for Block B is directly accessible from the building itself.

There does not appear to be any provision of communal open space for the units in proposed Block K (apartments proposed).

Applicant's Response:

Revisions to Block A, the water tank and bin stores have been incorporated into the ground floor of the building. Bicycle parking revised. The primary access to the building is from the east. Communal open space is located to the north, and at the northern end of the shared corridor on each floor of the apartment building. There is a stair core access which leads directly out to the communal open space. The ground floor communal open space to the north is approx. 258sq.m and first floor open space is c.70sq.m, totalling 328sq.m.

Block B has been omitted.

Communal open space for Block K of c.98sq.m is provided to the north of the building. Revised landscaping proposals submitted.

Assessment:

Block A would require a minimum of 216sq.m communal open space under the 2022 Apartment Guidelines. Block A would be provided with sufficient communal open space to the north of the building.

Sufficient communal open space would be provided for Block K.

Boundary treatments can be agreed by way of **condition**.

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Item 4 Requested

Movement & Transport

It is not considered that AI Item No. 4 has been adequately addressed in relation to the following:

(a) Pedestrian and Cyclist Movement

Pedestrian and cyclist connections, where appropriate, should be provided to the existing path to the north and east. As raised by the Roads Department, the 'Proposed Strategic Pedestrian Cycle Route' to the Grand Canal to the south should be facilitated as much as possible within the lands within the applicant's ownership/control.

(b) Street Widths & Car Parking

The Planning Authority and Roads Department still have significant concerns in relation to the designation and design of the street network and types. The proposed development includes Intimate Local Streets/Homezones where they are not included in the Planning Scheme. The only Intimate Local Street/Homezone within the subject site, as indicated in Figure 2.2.7 in the Planning Scheme, is located in the centre north of sub-sector CSE-S1. Any other Intimate Local Streets/Homezones outside of this should be redesigned as Local Streets, as designated under the Planning Scheme. Given the location of the east-west local street along the north of CSE-S1 this should be designed with a fully shared surface for the integrated movement of vehicles, pedestrians and cyclists.

The designated Intimate Local Street/Homezone in the east of the site should be significantly redesigned to comply with the Planning Scheme. Perpendicular car parking on both sides of the Intimate Local Street/Homezone, whether on-curtilage or off-curtilage, is not in compliance with the Planning Scheme. The Intimate Local Street/Homezone should extend the full extent of this street and the on-street perpendicular car parking at the northern end of this street should be omitted. The footpath should be 2.5-4.0m along this street.

The applicant is requested to submit revised plans indicating revised details. Dimensioned cross sections of all street types with comparison to the Planning Scheme should also be provided. The National Transport Authority have also provided an observation on the additional information submitted in response to this item. NTA request that car parking is reduced to 1 no space per unit. The applicant is requested to take into consideration this submission. The applicant should submit a breakdown of parking spaces set against the number of dwellings in the development.

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Applicant's Response:

(a) The applicant has engaged with the adjoining landowner CIE outlining that the proposed northern boundary treatment will be a low (600mm) butt wall and 1.2m bow top railing atop. With punctuations along same affording access onto the paths. Along the eastern boundary it is proposed to retain the existing boundary treatment but also plant a native hedge along the entirety of the same, save for where accesses are provided. It is the applicant's understanding that there is no objection in principle from CIE to the accesses.

Path to south

(b) Revisions to streets. Parallel parking proposed along intimate local street. Proposed to be fully shared surface. Sections of the streets submitted. Breakdown of car parking numbers provided.

Assessment:

(a) The Roads Department have reviewed the information submitted and state 'Links to the path to the north have been provided, by way of gaps in boundary. Roads are satisfied with the response'.

The proposed walkway access to the canal corridor does not fully align with the layout and design agreed under the permission for the pumping station Reg. Ref. SDZ21A/0006. The layout and design of this connection can be agreed by way of **condition** so that it aligns and connects in with the layout under Reg. Ref. SDZ21A/0006.

(b) The Roads Department state in their report 'The applicant has submitted cross sections of the various road types in the development. The western local road has perpendicular parking on both sides of the road, the applicant shall conform to the planning scheme as shown in Figure 1 providing perpendicular parking opposite any parallel parking for local roads. Footpaths should be a minimum of 2.0m in width.

Zone 2 is used to quantify the maximum parking rates for Clonburris. The maximum is 353no spaces taking the apartments at 22no. and the duplexes at 115no. the applicant is proposing 294no spaces the amount of parking provide is below the maximum at 83% of the maximum'. 'The NTA have submitted a positive response to the amount of car parking provided at the development. The parking bays at the end of the Whitton Avenue proposed access will not function without the full road width behind them, these should be omitted until the access road is complete'.

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The western local street with perpendicular parking on both sides:



The Roads Department have recommended that conditions are attached for taken in charge, construction traffic management, public lighting, construction management, design of pedestrian and cycle routes and that road cross sections conform to the Transport Assessment & Strategy of the SDZ. These **conditions** should be attached in the event of a grant of permission.

NTA have submitted an observation stating the following 'The NTA notes that this represents a reduction of approximately 107 car parking space from the original proposal. It is the view of the NTA that the revised level of car parking more appropriately reflects the strategic objective of South Dublin County Council to develop Clonburris in a manner which promotes sustainable transport'.

The no. of residential units has reduced to 256 no. from 294 no. A total of 294 no. car parking spaces are proposed. Of this 7 no. are for the creche and retail/commercial units and 287 no. for the residential units. This results in a residential car parking ratio of 0.98. 175 no. car parking spaces are noted for the 111 no. houses proposed. This results in a car parking ratio of 1.58 for the houses.

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The maximum parking provision allowed by the Planning Scheme is 353 no. spaces. The maximum for apartments/duplexes would be 138.25 and houses 214.5 no. The applicant has proposed 112 no. for the apartments/duplexes and 175 no. for the houses. This results in a provision of 81% of the maximum for the apartments/duplexes and 82% of the maximum for the houses.

No car parking plan has been submitted. The drawings and information submitted do not clarify the design of the front of the houses along the intimate local street/homezone. There appear to be areas of hard surfacing to the front of houses, the purpose of which is not clear. The design of along this street should be agreed by **condition**.

The Roads Department have raised concerns with the design of the end of the street adjacent to Whitton Avenue prior to this connection coming forward in the future. Prior to the connection being facilitated the car parking spaces nos. 25 to 28 would not have sufficient space to work and there is inadequate turning space for vehicles, including refuse collection vehicles. An interim design solution should be agreed by way of **condition**.

Item 5 Requested

Green and Blue Infrastructure & Ecology

It is not considered that AI Item No. 5 has been adequately addressed in relation to the following:

- (a) The Planning Authority would have concerns with the retention of the current boundary treatment along the northern and eastern boundaries as part of the proposed development. These spaces are considered vital to the successful deliver of this section of the SDZ. It is therefore considered that the application must engage with the adjoining landowners to the provide the Planning Authority certainty as to the delivery of these areas. As a minimum the replacement with a more visually acceptable boundary treatment should be facilitated through this application.
- (b) The Planning Authority and Public Realm Section would have concerns with the loss of habitat onsite and green infrastructure proposed. It is not considered that the proposed development fully complies with the agreed Parks and Landscape Strategy for the SDZ.

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Applicant's Response:

- (a) Northern boundary treatment to be replaced. Adjacent to both the northern and eastern boundaries a native hedge will be planted. In addition, along the northern boundary, trees will be planted. Revised landscaping proposals submitted. Green/ecological corridor along northern boundary.
- (b) North-south hedgerow to be retained. The majority of the green infrastructure on site has been retained. A singular hedge is to be removed. The hedgerow along the southern boundary will be retained with the proposed housing to the immediate north of same amended to facilitate the retention of the hedgerow. A dust footpath provided along here. End houses will directly address and be dual frontage. The site layout plan in the south-west corner of the site had been revised by way of omitting Block B and reducing car parking along the street.

Assessment:

(a) The connections to the to the existing path to the north and east are welcomed. The Planning Authority has concerns in relation to the proposed design of the boundary treatment adjacent to the path. The proposed boundary treatment and landscaping would effectively screen this path from the rest of the site. While landscaping and green infrastructure is welcomed, the path should be better incorporated into the scheme, to make it a more attractive route for pedestrians and cyclists.

The Public Realm Section state that 'The proposed boundary wall to the north and east of the site is acceptable to Public Realm. The Pedestrian and cycle path indicated along the boundary as part of the SDZ are absent. This has been provided in other developments along the railway line. There is a need for additional Blue and green infrastructure along both boundaries in the form of swales. Natural SUDS has not been proposed in any locations and the application shows a major lack of understanding in this regard. Areas along the northern and eastern boundaries to be planted with native Miyawaki style planting (4 per M2). See SDCC website - mini woodlands for more info on this method'.

A revised design along the northern and eastern boundaries is required to address concerns in relation to incorporation to the scheme and blue and green infrastructure. A revised design should be submitted by way of **condition**.

(b) The Planning Authority and Public Realm Section has concerns in relation to retention and proposal of green infrastructure. This is discussed further below in this report and can be addressed by **condition**.

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Item 6 Requested

Built Form & Design

It is not considered that AI Item No. 6 has been adequately addressed in relation to the following:

(a) External Finishes and Appearance

Proposed Block B would have clear glazed balcony guarding. This should be amended to metal railing in the interest of visual amenity. The two storey element of Block A has been fully omitted (the request was to reduce in extent). While the revised design helps provides a stronger frontage onto the plaza, a two storey element provides an element of human scale to an important pedestrian area. An element of this should therefore be incorporated back into the design. Further variation in material (brick colour and design) and form should be provided for Blocks A and B. Of particular concern are the eastern and western elevations of Block A. Apartment Block K appears to be partly finished in render, which should be omitted. The variation in materials and massing of this building helps break it up and creates visual interest. Adequate privacy strips should be provided along the western front of the proposed ground floor duplexes. The windows to the living rooms for these units appear to front directly onto a public footpath.

Further variation in material (brick colour and design) should be provided for the duplex units along the permitted Link Street. These currently appear to be similar in colour and design. Additional site sections/contiguous elevational drawings should be submitted. In particular, a site section along the Link Street facing south should be provided. Site sections along other proposed streets should also be submitted.

(b) Block Size

The Planning Scheme states that 'In order to encourage pedestrian permeability and ensure that streets and blocks are dimensioned to reflect their function and setting, reduced block lengths shall be utilised across the SDZ lands.' The proposed blocks are largely irregularly shaped. The Planning Scheme states that 'Larger or irregular blocks of up to 120 metres should be broken up using mid-block penetration with short cul-de-sac/mews development to serve a small number of dwellings'.

The longest block dimension would be the row of houses in the northern part of the scheme, facing east towards the central area of open space. Although irregularly shaped, the block extends up to 130m. The applicant should consider increased pedestrian permeability in relation to this block.

(c) Facade Treatment

Proposed Site Plan Drawing No. 2004-PL-002 does not specify the distances between entrances. The applicant is requested to submit a revised plan demonstrating that distances between entrances do not exceed those set out in Table 2.8.1 of the Planning Scheme.

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(d) Sunlight and Daylight

The submitted Daylight and Sunlight Assessment Report should be revised to include an assessment of the residential units in proposed Block K and any associated communal open space with this building.

(e) Capacity of Renewable Energy (Development Contributions)

Information in relation to the capacity of renewable energy is sought in relation to the calculation of development contributions. An updated calculation of capacity of a revised development should be submitted as part of clarification of additional information.

Applicant's Response:

(a) Block B has been omitted.

Block A has been revised to re-introduce a two storey element in the manner of a dark brick colonnade facing onto the plaza. The variation of brick application has been continued along the building's north, east and west facades, along with a refinement to the fenestration to these facades.

No render proposed to Block K.

The landscape layout has been updated to include privacy strips along the western front of Block K.

Variation in materiality provided. Alternating colour variation applied to the duplex facades fronting the link street.

Site sections submitted.

- (b) Site layout plan has been revised so that the row has been broken up by way of the introduction of a pedestrian link, running east-west, north of Block E and providing a connection from Block A and the plaza eastwards to the large central open space. Block is now 80m in length.
- (c) Revised site layout plan details the distances between entrances on Blocks A and K.
- (d) Updated daylight and sunlight assessment submitted. Includes assessment of Block K and reassessment of Block A. No change to the compliance rate for Block A, whilst Block K is showing to be 100% compliant.
- (e) BBSC have prepared the submitted PV calculations for the proposed development.

Assessment:

(a) The revisions to Block A are welcomed. The variation in brickwork colour helps break up the massing of the building. The colonnade further breaks up the building and provides an appropriate scale to the plaza. The colour of the brick on Block A is different between the elevational and contextual elevational drawings. The proposed block would also appear to have clear glazed balcony guarding. This should be amended to metal railing in the interest of visual amenity. A **condition** is required to agree final materials.

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The variation in colour along the dwellings proposed onto the link street is welcomed. A **condition** is required to agree final materials.

(b) The house types onto the pedestrian link would have their house entrances to be side, off the link. This would provide for active use and surveillance of the space. Duplex Block E would have accesses and terraces fronting onto the link. This item has been fully addressed.

(c) Table 2.8.1 sets out the maximum distances between entrances. This includes for Local Streets – Residential a maximum distances of 9 metres. The distances between entrances for houses and duplex units (aside from Block K) have not been indicated in the information submitted.

Given the layout and widths of the proposed houses it is considered that they are acceptable. Duplex units might exceed the maximum distance in some instances; however, it is noted that the requirement for stair locations and other facilities determines the location of these entrances.

- (d) The updated daylight and sunlight assessment is noted.
- (e) Total panels and KW per year provided. Renewable energy measures are to be welcomed.

Item 7 Requested

Landscape & Open Space

The Public Realm Section have raised concerns in relation to landscaping, open space and green infrastructure (AI Item Nos. 5 & 8). The applicant is requested to address/submit the following in this regard:

(a) Green Infrastructure

Redesigned proposals that demonstrate:

- (b) A Strategic Green Corridor facilitated along the northern boundary of the site adjacent to the Dublin-Cork Railway.
- (c) A Local Green Corridor approximately N-S along the eastern boundary incorporating nature based SuDS: planting proposals require strengthening as there is no difference between it and the tree planting proposed on the other local streets and homezones.
- (d) A Local Green Corridor approximately N-S and E-W along the westernmost local street south of Clonburris Link Street incorporating nature based SuDS: planting proposals require strengthening as there is no difference between it and the tree planting proposed on the other local streets and homezones.
- (e) A Local Green Corridor approximately N-S through the centre of the development increasing the retention of trees and hedgerows;
- (f) Provision of street trees on both sides along local streets and homezones.

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(b) Trees and Hedgerows

A tree and hedgerow management plan that:

- i) retains where possible the trees and hedgerows required by the Planning Scheme
- ii) shows the amount of trees and hedgerow being removed and the amount of compensatory/replacement trees and hedgerow being planted as part of the proposals. To be in compliance with the SDZ and the requirement of no net loss of hedgerow across the scheme, the amount of compensatory/replacement hedgerow provided in this development shall be at least equal to that being removed. Trees and vegetation within what will be privately owned or inaccessible spaces (rear gardens) cannot be relied upon as compensatory planting that will be appropriately retained and managed. The applicant should also be cognisance of retaining or planting hedgerows/vegetation so that it is incorporated into open space and areas that will be appropriately managed and accessible.

(c) Landscaping

The Public Realm Section have raised concerns in relation to the landscaping design around the permitted pond. 'The proposed engineered detention basin is unacceptable in a Public Open Space area. It has not been designed in accordance with the Councils SUDS Guidance and is lacking in amenity and biodiversity value. Further natural SuDS should be used to create/enhance the Local Green and Strategic Green Infrastructure Links required by the Planning Scheme. The proposal for a gravel path in an area that is designed to flood is also not acceptable.' Further above ground SUDS measures should be considered where appropriate and incorporated into the landscape design.

(d) Street Trees

There is very poor street tree provision throughout the development. The planning scheme requires: 'Streets should be generously planted at frequent intervals to soften the impact of parking and strong building frontages at intervals of 14-20 metres. In the interest of biodiversity and place making, reduced spacing between street trees should be considered where appropriate and achievable. (Planning Scheme P64)'. A high quality of Street Tree planting is required throughout the development to strengthen Green Infrastructure links. Landscape proposals are required that demonstrate:

- i. All Streets: Street Trees to be provided as per the Clonburris SDZ Planning Scheme. ii. Street Trees to be provided fully in Public Areas to be an integral part of the street rather than in front gardens. The applicant is referred to the Clonburris SDZ Planning Scheme 2019, Clonburris SDZ Parks and Landscape Strategy and DMURS (2019) for guidance on street tree provision and appropriate design layouts for local streets and homezones.
- iii. All Street Trees planted within the Public Realm shall have suitable tree pits that incorporates SuDS features including sufficient growing medium.
- iv. Street Trees to be planted at:
- Minimum 18-20m girth along local streets
- Minimum 16-18cm girth on intimate local roads, i.e., homezones

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(e) Landscape Plan

A revised detailed landscape plan, to be agreed with Public Realm, with full works specification, that accords with the specifications and requirements of Council's Public Realm Section. The revised landscape plan shall integrate retained and enhanced hedgerows and trees, tree planting and SuDS drainage to provide strong green infrastructure links throughout the development in accordance with Clonburris SDZ Planning Scheme, Parks and Landscape Strategy, Biodiversity Management Plan and SDCC County Development Plan (2022-2028).

(f) Play Provision

A far greater level of play provision is required than what is proposed. The concept of using natural play is acceptable however we require further detail on this. Proposals that demonstrate details of all play items, natural play features and safety surfacing are required. All play areas must be universally accessible. The applicant is recommended to contact Public Realm section to agree details of the natural play proposals.

(g) Biodiversity Management Plan

The submitted Biodiversity Management Plan does not address the removal of hedgerows shown as retained in the SDZ or the creation of the required Green Corridors. Submit a revised site specific Biodiversity Management Plan that includes details of any site clearance works and/or the establishment of access routes and site compounds. The applicant is requested to contact SDCC Heritage Officer prior to the submission of the BMP.

- (i) The BMP shall be devised by a qualified and experienced ecological expert/ecological team who can demonstrate previous experience of devising and implementing such a plan.
- (ii) The BMP shall clearly demonstrate how it proposes to adhere to and implement the ecological objectives and recommendations of the Clonburris SDZ Scheme, the Clonburris SDZ Biodiversity Management Plan, and the Parks and Open Space Strategy. Particular focus is to be placed on demonstrating the retention and enhancement of:
- An appropriate level of existing biodiversity,
- The robust and sustainable nature of any proposed replanting,
- The strengthening of exiting GI links, and
- The creation of new and appropriate green infrastructure.

(iii) The BMP will clearly indicate how the implementation of the BMP will be monitored, with appropriate remediation measures where shortfalls may occur.

Applicant's Response:

- (a) (b) The Planning Scheme identifies a Local Green Corridor along the northern boundary of the site. Revised landscaping proposals submitted. Proposed local green corridor along the northern boundary. a native hedge will be planted, as well as whip and tree planting.
- (c) Along eastern boundary native hedge to be planted. Along the eastern boundary of the site permission has been granted for attenuation tanks. Due to restrictions associated with the delivery of these it is proposed to provide wildflower planting and native hedgerow planting to

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mirror the existing green corridor to the immediate east of the application site. Along the internal eastern most road (running north-south), street tree planting is proposed.

- (d) The green corridor located N-S and E-W has been supplemented by the use of wildflower and native hedge planting. Block B and car parking omitted. Tree planting revised to differentiate from it from local streets and homezones. Revised landscaping proposals.
- (e) The local green corridor running N-C through the centre of the development is relatively untouched by the proposal. Part of the hedge has been removed due to permitted link street and some trees will be removed as per the Arborist's recommendation. Section through this public open space submitted.
- (f) Street trees have been provided along both sides of local streets and home zones where possible. Constraints such as an existing wayleave and permitted attenuation tanks.
- (b) i) Proposed to retain the majority of trees and hedgerows on site. Native species will be used to augment hedges where necessary.
- ii) Submitted landscape proposals illustrates the quantum of trees and hedgerow being removed and being planted. Central hedgerow in public open space. Southern hedgerow buffer provided and left open so it can be maintained and augmented. Number of new trees to be planted (410 no.) greatly exceeds the number of trees to be removed (26 no.), in addition to 21 no. trees being retained. Approx. 910.0 m of hedgerow proposed. 553 linear m of hedgerow currently on site, 177 linear m to be removed. Result 1,286.9 linear m of hedgerow, approx. 2.3 times the existing hedgerow.
- (c) Wetland planting and tree species suitable to wet areas. Gravel path replaced with coloured tarmac path.
- (d) Constraints that preclude the planting of street trees. Details provided on proposed street trees. All streets have been provided with street trees where possible. All street trees planted within the public realm have been provided with suitable tree pits. The Landscape Architect consider the smaller trees with be more beneficial and sustainable.
- (e) Revised landscape plan and proposals submitted.
- (f) Play equipment will be provided in the large central area of public open space and newly proposed open space at the entrance to the east.
- (g) (i) RSK have prepared a Biodiversity Management Plan.
- (ii) Details of retention, planting and maintenance of hedgerows, trees and green corridors provided.
- (iii) Monitoring and remediation measures set out.

Assessment:

(a) (b) Public Realm state 'Proposals for the wall and railing are acceptable however whip planting should be done as Miyawaki planting and natural Suds features such as swales should be proposed to take road runoff and used as attenuation, treatment and to provide amenity and biodiversity value'. Redesign of northern boundary to be agreed by way of **condition.**

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- (c) Public Realm state 'This has not been provided in landscape plan. Planted features SUDs and Miyawaki planting required along eastern boundary'. Redesign of eastern boundary to be agreed by way of **condition.**
- (d) Public Realm state that this local green corridor has not been provided. This corridor facilitates a connection to the Grand Canal to the south. A redesign of this can be agreed by way of **condition.**
- (e) Public Realm state that this has been provided but with very little detail. They recommend that this is to be agreed with Public Realm. This can be agreed through **condition**.
- (f) Public Realm state that street trees on both sides along local streets and homezones have not been provided. They state that other developments in the SDZ have street trees throughout whereas there are less than 40 street trees in this proposal which would lead to a very harsh urban environment. This can be addressed through **condition**.
- (b) Public Realm state 'The hedge and tree line along the southern boundary has been allocated more space as part of the Clarification of AI but it remains unsatisfactory. The development is within the root protection zone of some of this hedgerow and is too close to the housing units which would receive very heavy shade. They would also be at risk should a tree fall in the future. A number of housing units should be removed to provide adequate space for the existing trees and ensure they can be Taken In Charge and maintained into the future. A section of this hedgerow has been removed to facilitate car parking and this breaks the connection to the Central hedgerow and wetland to the southeast of the site'.

Public Realm recommend the removal of House Nos. 01, 02, 25, 26, and 46. The current setback of these houses and rear gardens is approx. 2m to 9m. This is insufficient to allow for the appropriate protection and maintenance of the hedgerow/trees (i.e., 6m to fit a maintenance tractor along this space). The applicant should provide a revised design along this part of the site that ensures a sufficient buffer is provided from the southern hedgerow and trees. This might involve changing the house types or omitting houses where it is particularly close to the hedgerow and trees. The proposed ESB substation should also be moved elsewhere. To be addressed by **condition**.

Public Realm recommend removal of Duplex Blocks C and D given that this area is indicated as open space under the Planning Scheme. Public Realm are also concerned with the loss of the link between the green infrastructure due to these blocks. This open space/pond area has been comprised by the permission of Whitton Avenue and the link street and attenuation. Landscaping and planting can be better provided along this area.

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Public Realm state that the car parking (along the connection to Whitton Avenue) breaks the connection between the green infrastructure/hedgerows. The Roads Department have advised concerns with the layout of this street and the car parking, prior to the connection to Whitton Avenue being facilitated. This area should be redesigned via **condition** to address the Roads Department's and Public Realm's concerns.

(c) Public Realm state 'Response is totally inadequate. As proposed the open space is inaccessible and potentially dangerous for children and anyone with reduced mobility. The proposals in the Biodiversity Management plan have not been incorporated into the design. This area is not acceptable as Public Open Space and could not be taken in charge by SDCC'. From a further discussion with Public Realm, they state that the levels/slope around the pond and layout and design of the open space and path are not safe or accessible.

A redesign of the open space around the permitted pond can be agreed via condition.

(d) i. The Public Realm Section has significant concerns in relation to the provision of street trees. They state in their report 'The response is totally inadequate. The landscape architect has given a list of constraints that every other Clonburris SDZ application has overcome but which have not been overcome on this site. This would set a major negative precedent if this application is granted permission having failed to comply with the SDZ in this regard'.

A redesign of the site to provide sufficient and appropriate street trees should be agreed by way of **condition**.

- ii. Public Realm state that the street trees are not in compliance.
- iii. & iv. Public Realm state that this has not been provided 'Suds tree pit detail provided lacked sufficient detail no measurements, no technical specification provided. Proposal to provide much smaller street trees than agreed elsewhere throughout the SDZ are not acceptable to SDCC'. To be addressed through **condition**.
- (e) Public Realm state that 'The landscape plans have not been agreed with Public Realm. Very poor understanding of Green Infrastructure and SUDs'. To be agreed through **condition**.

The submitted Boundary Plan is not clear. It has lines on it that are not correct nor relate to the purpose of the drawing. Unacceptable boundary treatment is proposed in some areas. In particular, the 3-bar parkland railing to end units. Appropriate boundary treatment should be agreed by way of **condition**.

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- (f) Public Realm state that the 'Play proposals have not been agreed with Public Realm and are not acceptable. Lacking in play value and accessibility'. To be agreed through **condition**.
- (g) In relation to the Biodiversity Management Plan Public Realm state 'Very poor response to fragmented GI and missing GI links. Response not aligned to landscape proposals. Failed to propose measures for missing and fragmented corridors'.

Overall, the Public Realm Section does not consider that the application complies with the SDZ Planning Scheme in relation to the following:

1. Insufficient Green Infrastructure (GI): The proposals are not compliant with Clonburris SDZ in relation to the green infrastructure links that are required as part of the scheme. The proposals fragment the existing Green Infrastructure that should be protected and enhanced. It also fails to provide the local green corridors and local links and also fails to provide the tree lined streets as required by the SDZ.

The proposed scheme removes some of the southern hedgerow and breaks the connection to the central north south hedgerow shown in the scheme. The local green corridor connecting the urban plaza to the canal has not been provided and the landscape design is very poor regarding biodiversity.

- 2. Impact on existing hedgerows and biodiversity: There are sections of existing hedgerows proposed for removal that are required to be retained by the scheme. Some hedgerow has been removed without permission and extensive damage was done to trees and hedgerow prior to the arboricultural survey being carried out. Rather than removal these hedgerows are required to be strengthened. The submitted Biodiversity Management Plan does not address the removal of hedgerows shown as retained in the SDZ or the creation of the required Green Corridors. The proposals for insect hotels and instructions on bird boxes in no way compensate for the habitat fragmentation.
- 3. Natural Sustainable Drainage Systems (SuDS) Significant and integrated SUDS infrastructure, including a high amenity retention pond/lake within a new strategic open space at Cappaghmore has not been provided. This, and the use of small-scale natural SuDS to create/enhance Local Green and Strategic Green Infrastructure Links is required by the Planning Scheme. Landscape drawings are required to include details of the amenity and biodiversity value of SUDS.

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4. Public Open Space requirement. A new strategic open space at Cappaghmore has not been provided. The proposal has a major deficit of open space when compared to the SDZ so is not in compliance.

The Open space with the wetland is inaccessible and potentially dangerous and could not be taken in charge by SDCC. Open Spaces containing underground attenuation cannot be included when calculating Open Space provision.

5. Play A far greater level of play provision is required than what is proposed. Include natural play and accessible play features. Kickabouts designed so ball is unlikely to be kicked across streets.

It is considered that the above can be addressed by way of **condition**.

The open space at Cappaghmore is considered 'Local Parks and Squares' open space provision under the Planning Scheme. This area has already been comprised through the permission for Whitton Avenue and the link street and attenuation. 4,3000sq.m of public open space is required within CSE-S1 which has been provided in the form of the park around the central hedgerow, as intended. Open space has also been provided around the permitted attenuation pond and to the north-east of the link street. It is noted that CSE-S1 has been adjusted and this meets the criteria under the Planning Scheme for adjustment of a sub-sector.

Having regard to above it is considered that the provision of open space in compliant subject to a revised design as per Public Realm's concerns regarding design and detail. This can be addressed through **condition**.

Water Services and Public Realm recommend that SUDS are incorporated better into the proposed development. The Planning Authority notes the Surface Water concept for the subject site and considers that the strategic/regional approach is established for the subject site by way of the permitted SDZ20A/0021 planning application and the agreed SWMP.

The Planning Authority notes the incorporation of SuDS features but also notes the concerns expressed by the Water Services and Public Realm. It appears that the scale of the proposed SuDS measures within the development is insufficient. This can be addressed by **condition**.

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Item 8 Requested

Schedule & Acoustic Assessment

- (a) The submitted Housing Quality Statement shows that not all apartment floor areas and/or their balconies/terraces would meet the minimum floorspace requirements of the Apartment Guidelines 2020. This should be addressed.
- (b) A full revised schedule with proposed units, floor areas and open space provision shall be provided. The schedule shall also provide details of compliance with Section 2.13 of the Planning Scheme.
- (c) An amended acoustic assessment may be required as a result of amendments to the design and layout of the development in response to clarification of additional information.

Applicant's Response:

- (a) A revised HQA has been submitted demonstrating that all units either meet or exceed the minimum standards.
- (b) A revised schedule has been submitted.
- (c) The layout of the development, particularly in the northern part of the site, has not been significantly altered. An amended acoustic assessment was therefore not considered necessary.

Assessment:

Amendments to the scheme, including the omission of Block B, has changed the dwelling mix as follows (from the submitted Planning Report):

	1 bed	2 bed*	3 bed	4 bed	Total	Percentage
Houses	0	10	83	18	111	43%
Duplexes	0	50	52	0	102	40%
Apartments	20	22	1	0	43	17%
Total	20	82	136	18	256	100%
Percentage	8%	32%	53%	7%	100%	-

^{*} Of the 22 no. 2 bed apartments (1 no. in Block K and 21 no. in Block A) all are 3 person, equating to 8.6% of the total number of units.

The omission of the 2 no. 3 bed duplexes in Block K reduces the no. of 3 beds to 134 no. and total dwelling units to 254 no. Total no. of units to increase in CSE-S1.

There are incidental areas of open space and car parking in the north of the site. House Type C1 are adjacent to these. Windows are provided at ground and first floor levels of the side elevations of these houses, to allow for passive surveillance of these areas.

The H.S.E. EHO has stated that they have no objection subject to **conditions** including that the acoustic measures are implemented.

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Other

Irish Water have reviewed the information submitted and advise that they have no objection subject to **conditions** that connection agreements with Irish Water are entered into.

Development Contributions

Omission of 2 no. duplex units in Block K and replacement with commercial/retail floorspace. Unit nos. to increase in CSE-S1.

Residential

Type	Name	Beds	No.	Area	Total
				(sq.m)	
Houses	A1	3	32	107.4	3436.8
	A2	3	41	107.4	4403.4
	A3	3	5	107.4	537
	A4	3	1	107.4	107.4
	A5	3	4	118.2	472.8
	В	2	10	86.2	862
	C1	4	6	132.8	796.8
	C2	4	12	132.8	1593.6
Duplex Block A & B	2 bed/4 pp	2	4	77.3	309.2
	3 bed/5 pp	3	4	111.8	447.2
	2 bed/4 pp	2	12	74.4	892.8
	3 bed/5 pp	3	12	111.8	1341.6
Duplex Block C & D	2 bed/4 pp	2	2	73.1	146.2
	3 bed/5 pp	3	2	109.2	218.4
	2 bed/4 pp	2	8	73.1	584.8
	3 bed/5 pp	3	8	109.2	873.6
	2 bed/4 pp	2	2	76	152
	3 bed/5 pp	3	2	109.2	218.4
Duplex Block E	2 bed/4 pp	2	1	77.3	77.3
	2 bed/4 pp	2	1	74.4	74.4
	2 bed/4 pp	2	1	74.4	74.4
	2 bed/4 pp	2	1	74.4	74.4
	3 bed/5 pp	3	4	111.8	447.2
Duplex Block F	2 bed/4 pp	2	2	77.3	154.6
	3 bed/5 pp	3	2	111.8	223.6
	2 bed/4 pp	2	4	74.4	297.6
	3 bed/5 pp	3	4	111.8	447.2

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D 1 D1 1 G	0.1 1/4			77.0	1546
Duplex Block G	2 bed/4 pp	2	2	77.3	154.6
	3 bed/5 pp	3	2	111.8	223.6
	2 bed/4 pp	2	4	74.4	297.6
	3 bed/5 pp	3	4	111.8	447.2
	2 bed/4 pp	2	2	74.4	148.8
	3 bed/5 pp	3	2	111.8	223.6
Duplex Block H	2 bed/4 pp	2	2	77.3	154.6
	3 bed/5 pp	3	2	111.8	223.6
	2 bed/4 pp	2	2	74.4	148.8
	3 bed/5 pp	3	2	111.8	223.6
Apartment Block K	3 bed/5 pp	3	1	100.6	100.6
	1 bed/2 pp	1	1	51.8	51.8
	2 bed/3 pp	2	1	88.6	88.6
	1 bed/2 pp	1	1	73.4	73.4
Apartment Block A	1	1	1	49.4	49.4
	2	1	1	49.4	49.4
	3	1	1	49.4	49.4
	4	2	1	67.1	67.1
	5	1	1	57.4	57.4
	6	2	1	76.2	76.2
	7	2	1	74.9	74.9
	8	1	1	50.6	50.6
	9	2	1	73.2	73.2
	10	2	1	75.4	75.4
	11	2	1	73.2	73.2
	12	1	1	54.5	54.5
	13	1	1	49.4	49.4
	14	1	1	49.4	49.4
	15	1	1	49.4	49.4
	16	2	1	67.1	67.1
	17	1	1	57.4	57.4
	18	2	1	76.2	76.2
	19	2	1	74.9	74.9
	20	1	1	50.8	50.8
	21	2	1	75.9	75.9
	22	2	1	75.2	75.2
	23	2	1	75.2	75.2

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Totals	163	254		24329.6
39	1	1	56.1	56.1
38	2	1	74.8	74.8
37	2	1	74.8	74.8
36	2	1	75.2	75.2
35	1	1	50.8	50.8
34	1	1	53	53
33	2	1	75.2	75.2
32	2	1	75.2	75.2
31	2	1	75.2	75.2
30	1	1	54.7	54.7
29	1	1	56.1	56.1
28	2	1	74.8	74.8
27	2	1	75.2	75.2
26	2	1	75.2	75.2
25	1	1	50.8	50.8
24	1	1	55.8	55.8

Part V provision to be agreed via condition. Social housing exempted under Development Contributions Scheme.

Other

Section 49 Kildare Route

Whether units are commercial, or retail are to be determined by condition. Social housing exempt.

Retail/commercial units

333sq.m

152sq.m

220.2sq.m (former duplex units)

Total 705.2sq.m

Creche 487sq.m

Total commercial 1,192.2sq.m

PV panels

Security Bond

Unit nos. to increase in CSE-S1.

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SEA monitoring

Building Use Type Proposed: Residential/Commercial/Retail Floor Area: 25,521.8sq.m. Unit nos. to increase in CSE-S1.

Land Type: Greenfield Site Area: 6.2 Hectares.

Conclusion

Overall, the Planning Authority welcomes the planning proposal for this strategic site in the County. The Planning Authority considers that the proposed development has addressed a lot of the requirements of the Planning Scheme and has provided appropriate amendments in most instances. However, conditions are recommended regarding certain issues, including the parameters of CSE-S1 as well as green infrastructure/landscaping requirements. Subject to these conditions, it is considered that the proposed development is in keeping with the Clonburris Planning Scheme 2019 and the sustainable planning and development of the area.

Recommendation

I recommend that a decision be made pursuant to the Planning & Development Act 2000, as amended, for the reasons set out in the First Schedule hereto, to Grant Permission for the said development in accordance with the said plans and particulars, subject to the condition(s) specified in the Second Schedule hereto, the reasons for the imposition of the said condition(s) being as set out in the said Second Schedule.

FIRST SCHEDULE

It is considered that the proposed development accords with the policies and objectives of South Dublin County Council, as set out in the South Dublin County Council Development Plan 2022 - 2028 and subject to the conditions set out hereunder in the Second Schedule is hereby in accordance with the proper planning and sustainable development of the area.

SECOND SCHEDULE

Conditions and Reasons

1. Development to be in accordance with submitted plans and details.

The development shall be carried out and completed in its entirety in accordance with the plans, particulars and specifications lodged with the application, and as amended by Further Information received on the 28th of November 2022 and Clarification of Further Information received on the 3rd of April 2023, save as may be required by the other conditions attached hereto.

REASON: To ensure that the development shall be in accordance with the permission, and that effective control be maintained.

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2. Amendments.

Prior to the commencement of development the applicant, owner or developer shall submit the following for the written agreement of the Planning Authority:

Unless otherwise agreed, revised plans that incorporate the following amendments-

- (a) The reconfiguration/omission of House Nos. 127 to 142 (inclusive) and replacement with house/duplex types that increase the density of this area. The residential density shall be increased so that Clonburris South East Sub Sector 1 (CSE-S1) meets the Average Net Density Low Margin (-5dph) outlined in Table 2.13.1 of the Clonburris SDZ Planning Scheme 2019. The applicant shall confirm the total no. of units.
- (b) A revised design for Block K so that the 2 no. duplex units are omitted and replaced with commercial/retail floorspace.
- (c) Revised boundary plan clearly showing the proposed boundary treatments for the scheme. The northern and eastern boundaries should be revised so that any boundary walls along these boundaries are no more than 1.0m in height. Planting and landscaping shall be reduced in height and/or provide for adequate passive surveillance.
- (d) The bin storage areas shall include green roofs / walls, where feasible. REASON: To protect the amenities of the area and in the interests of the proper planning and sustainable development of the area.

3. Services to be Underground.

All public services to the proposed development, including electrical, information and communications technology (ICT) telephone and street lighting cables and equipment shall be located underground throughout the entire site. There shall also be provision for broadband throughout the site in accordance with the Planning Authority's policy and requirements.

REASON: In the interests of the visual amenities of the area, the proper planning and sustainable development of the area and compliance with the Council's Development Plan.

4. Occupation subject to service connection.

No dwelling unit shall be occupied until all the services (drainage, water supply, electricity and or other energy supply, public lighting and roads) for each dwelling unit have been completed thereto and are operational.

REASON: In the interest of the proper planning and sustainable development of the area.

5. Street Naming and Dwelling Numbering.

Prior to the commencement of any works on site the applicant, owner or developer shall submit the following for the written agreement of the Planning Authority:

(i) A street naming and dwelling/unit numbering scheme, for the development as approved that is in accordance with the Planning Authority's policy and requirements for such schemes, along with associated proposed signage for the scheme.

The agreed number shall be placed on each house upon completion so as to be clearly legible from the proposed access road or the public realm, and the agreed street name in

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both Irish and English, or Irish only shall be erected at the beginning of each street in a manner to be clearly legible, and in accordance with Planning Authority's requirements. The development name should:

- 1. Avoid any duplication within the county of existing names, and
- 2. Reflect the local and historical context of the approved development, and
- 3. Comply with;
- (a) Development Plan policy, and
- (b) The guidelines on naming and numbering of the Department of the Environment, Heritage and Local Government, and
- (c) Have regard to the Guidelines issued by the Place Names Commission (An Coimisiún Logainmneacha) and
- (d) Preferably make exclusive use of the Irish language.

Proposals for an apartment name and numbering scheme and associated signage shall be lodged with the Planning Authority prior to the date of any Commencement Notice within the meaning of Part II of the Building Control Regulations 1997 and prior to the commencement of any works on site.

The applicant, developer, or owner is advised to consult with Naming and Numbering section of the Planning Authority in advance of lodging the required scheme. REASON: In the interest of the proper planning and sustainable development of the area and compliance with the South Dublin County Council's Development Plan.

6. Council Housing Strategy.

That the applicant, owner or developer, or any other person with an interest in the land to which the development as approved relates shall, prior to the lodgement of a commencement notice within the meaning of Part II of the Building Control Regulations 1997:

(i) enter into an agreement with the Housing Authority for compliance with the Part V of the Planning and Development Act 2000 (as amended) as referred to in the South Dublin County Council Development Plan 2022-2028, providing, in accordance with that section, for the matters referred to in paragraph (a) or (b) of subsection (3) of section 96, and (ii) when the agreement with the Housing Authority for compliance with the Part V of the Planning and Development Act 2000 is finalised to the satisfaction of the Housing Authority, a certified copy of the agreement shall be lodged with the Planning Authority. REASON: To promote social integration consistent with policies/objectives of the Councils Housing Strategy as contained in the South Dublin County Council Development Plan 2016-2022.

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7. Management Company.

- A. Prior to the commencement of development the applicant/owner shall submit the following for the written agreement of the Planning Authority:
- (i) A plan clearly identifying and dimensioning the external common areas of the development to be retained in private ownership by an owners' management company (OMC) under the Multi-Unit Developments Act 2011, or other acceptable legal entity prior to the occupation of the [first residential unit], and this plan shall also clearly identify and dimension any areas of the approved development intended to be offered for taking in charge by the Council, and;
- (ii) A detailed building lifecycle report which shall include an assessment of long term running and maintenance costs as they would apply on a per residential unit basis at the time of approval of the development, as well as demonstrating what measures have been specifically considered by the developer to effectively manage and minimise costs for the benefit of all potential residents.

The said external common areas of the development to be retained in private ownership indicated in the plan required shall not be taken in charge by the Council and shall instead be maintained in perpetuity by an Owners' Management Company set up for this purpose pursuant to the Companies Acts, 1963 as amended and the Multi-Unit Developments Act 2011.

- B. Continued membership of an Owners' Management Company set up for this purpose pursuant to the Companies Acts, 1963 as amended and the Multi-Unit Developments Act 2011 shall be compulsory for all owners for the time being of property within the development.
- C. No development shall take place under this permission until the applicant, owner or developer has lodged for the written agreement of the Planning Authority:
- (i) A copy of the Certificate of Incorporation of the said Company responsible for the external common areas of the development to be retained in private ownership has been lodged with the Planning Authority in respect of the plan required above.
- D. Any changes to the status or nature of the Owners' Management Company shall be notified to the Council forthwith.
- E. The Owners' Management Company shall hold insurance for public liability risk at all times for all areas under its control or responsibility.

REASON: To ensure a proper standard of residential development and maintenance of the private areas within the development and compliance with the South Dublin County Council Development Plan.

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- 8. Prevention of Spillage or Deposit of Debris on Adjoining Public Roads During Construction Works.
 - Prior to the commencement development, the applicant/owner shall submit the following for the written agreement of the Planning Authority:
 - (i) a site specific plan making provision as set out below for the prevention of spillage or deposit of clay, rubble or other debris on adjoining public roads during the course of any construction works that fully complies with all of the requirements of the Council's Roads Maintenance, Traffic Management, and Waste Enforcement Sections as appropriate, The agreed plan shall provide for all of the following:
 - (a) The agreed number, location, type and use of suitable facilities for vehicle cleansing and wheel washing provided on site to contain all clay, rubble or other debris within the site prior to commencing of construction, such facilities to be maintained in a satisfactorily operational condition during all periods of construction.
 - (b) Location of all on-site car parking facilities provided for site workers during the course of all construction activity.
 - (c) Provision for dust suppression measures in periods of extended dry weather.
 - (d) Provision for the flexible use of a road sweeper if an acute situation on the adjoining public road requires it.
 - (e) Containment of all construction-related fuel and oil within specially constructed bunds to ensure that fuel spillages are fully contained. Such bunds shall be roofed to exclude rainwater.
 - (f) Storage of construction materials is not permitted on any public road or footpath, unless agreed in writing with the Planning Authority, having regard to the prior reasonable justification and circumstances of any such storage.
 - REASON: In the interest of protecting the amenities of the area and in the interest of public safety and the sustainable maintenance of adjoining roads and footpaths.
- 9. Public Realm Facilities for Charging Electric Vehicles.
 - Prior to the commencement of development, the applicant/owner shall submit the following for the writtem agreement of the Planning Authority:
 - (i) a revised site layout plan clearly setting out full details of the location of all proposed facilities and equipment in the public realm (whether to be offered for taking in charge or not) for charging electric vehicles, including details of the overall height, design, colour and all safety features of such equipment including isolation of power supply, and measures to provide for suitable pedestrian safety, along with completed Electrical designs to serve the development as approved prepared by competent electrical design consultants all of which have been agreed with the Council's Roads Section, and
 - (ii) Agreed arrangements for the operation and management of such facilities for charging electric vehicles, along with:
 - All facilities for charging electric vehicles should be clearly marked as being designated

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for Electric Vehicle charging. Appropriate signage clearly indicating the presence of a Charge Point or Points should also be erected. All Charge Points fitted in publicly accessible areas should be capable of communicating usage data with the National Charge Point Management System and use the latest version of the Open Charge Point Protocol (OCCP). The facilities for charging electric vehicles should also support a user identification system such as Radio Frequency Identification (RFID).

REASON: In the interests of the proper planning and sustainable development of the area, to provide for improved urban air quality, reduced noise pollution and to support the transition to a low carbon future.

10. Construction Consultation and Local Liaison

(a) Prior to the commencement of development, the applicant/owner shall submit the following to the Planning

Authority:

- (i) the names, job functions and phone numbers (both fixed line and mobile numbers) of all key personnel for the construction of the development as approved. Subsequently all changes in these personnel or particulars in the course of construction must also be notified to the Council as soon as they occur.
- (b) The applicant/owner or developer shall provide occupiers of noise sensitive properties within 100 metres of agreed construction access points to the development as approved with appropriate contact details which may be used in the event that any such person wishes to inform the operator of any incident that could give rise to a disruptive aspect of construction activity, or otherwise to make an observation in respect of an aspect of construction activity.
- (c) A public notice shall be erected and maintained at the agreed construction access points. This notice shall contain the name of the operating company and contact details, including out of hours contact, which may be used in the event that any person wishes to contact the operator in respect of any disruptive aspect of construction activity. REASON: In the interests of amenity, public health and safety, the avoidance of unnecessary disruptive aspect of construction activity and the proper planning and sustainable development of the area.

11. Drainage - Irish Water.

- (a) The water supply and drainage infrastructure, shall comply with the requirements of Irish Water.
- (b) There shall be complete separation of the foul and surface water drainage systems, both in respect of installation and use. All new precast surface water manholes shall have a minimum thickness surround of 150mm Concrete Class B.

REASON: In the interests of public health, the proper planning and sustainable development of the area and in order to ensure adequate water supply and drainage provision.

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12. Irish Water Connection Agreement.

Prior to the commencement of development the applicant or developer shall enter into water and/or wastewater connection agreement(s) with Irish Water.

REASON: In the interest of public health and to ensure adequate water/wastewater facilities.

13. Restriction on Use and Occupancy.

Each proposed residential unit shall be used and occupied as a single dwelling unit for residential purposes and shall not be sub-divided or used for any commercial purposes, without a specific grant of planning permission for same (including short-term letting). REASON: To prevent unauthorised development.

14. Materials and Finishes

Prior to the commencement of development the applicant/developer shall submit materials and finishes of the development for the written agreement of the Planning Authority. REASON: in the interests of visual amenity.

15. Commercial/Retail Units

- a) Details of the intended use and occupier of each individual commercial/retail unit in Blocks A and K (whether retail, retail services, café / restaurant or other commercial) shall be agreed in writing with the Planning Authority prior to occupation in order to ensure an appropriate range of uses in the Clonburris Urban Centre.
- (b) The permitted commercial/retail units in Blocks A and K shall not be subdivided and / or amalgamated unless revised plans are submitted to the Planning Authority and are agreed in writing prior to the first occupation of each unit.
- (c) In any case, no permitted unit shall be subdivided to form more than 2 no. units, and no more than 2 no. permitted units shall be amalgamated without the benefit of a separate planning permission.
- (d) Where units are amalgamated or subdivided in accordance with (b) above, the applicant shall submit details of any proposed alterations to the shopfronts where doors are being inserted or removed for the written agreement of the Planning Authority. REASON: To ensure that the development shall be in accordance with the permission and that effective control be maintained.

16. Roads

Prior to the commencement of development, the applicant/developer shall submit, for the written agreement of the Planning Authority, following consultation with the Roads Department where necessary, the following, unless otherwise agreed:

(a) A revised design and layout for the westernmost local street in CUC-S4 which currently has perpendicular parking on both sides of the street. The street shall conform to the planning scheme providing perpendicular parking opposite any parallel parking for local streets.

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- (b) A revised design and layout for the proposed southern walkway to the canal corridor that aligns with the layout permitted under Reg. Ref. SDZ21A/0006.
- (c) A revised scheme demostrating that all pedestrian and cycle routes shall be designed to be safe and accessible in accordance with DMURS, Building Regulations and the NTA's National Cycle Manual (2011). Footpaths provided with width corresponding to expected footfall and activity. Footpaths must be a minimum 2 metres in width.
- (d) All items and areas for taking in charge shall be undertaken to a taking in charge standard (Appendix 6 of the SDCC Taking in Charge standards). Prior to development the applicant shall submit construction details of all items to be taken in charge. No development shall take place until these items have been agreed.
- (c) A Construction Traffic Management Plan. The agreed plan, along with the written agreement of the roads department shall be lodged to the planning file. The written commitment of the developer to implement the agreed plan shall also be lodged to the file.
- (d) A public lighting scheme.
- (e) Details of the intimate local street/homezone including no on curtilage car parking spaces. Road sections of this street shall be submitted for approval.
- (f) A plan showing identifying the car parking spaces in the scheme, differentiating on street and on curtilage car parking spaces.

REASON: In the interest of road, pedestrian and cyclist safety, residential amenity and compliance with Clonburris SDZ Planning Scheme.

17. Whitton Avenue

Prior to the commencement of development the applicant/developer shall submit for the written agreement of the Planning Authority, revised plans/drawings for the end of the street adjacent to Whitton Avenue showing the layout that will be in place prior to the connection to Whitton Avenue being facilitated on the adjacent lands. Unless otherwise agreed the plans/drawings shall include:

- (a) The omission of car parking spaces number 25 to 28 (inclusive) and provision for turning at the end of the street (site boundary) for vehicles including a refuse collection vehicle.
- (b) A swept path analysis (Autotrack or similar) to demostrate turning movements.
- (c) The plans shall provide for green infrastructure/landscaping to improve the link between the southern hedgerow and the central north-south hedgerow.
- (d) No ransom strip shall be left between the end of the street and the site boundary. REASON: In the interests of facilitating a connection to Whitton Avenue and to comply with the Clonburris SDZ Planning Scheme 2019.

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18. Environmental Health

- 1. The houses and apartments of this development are constructed, as appropriate, using the Glazing and Ventilation specified in the Acoustic Design Statement they have submitted, to ensure the required noise mitigation and minimise the potential for adverse effects to the occupants. It must be ensured that these mitigation measures include all relevant noise sensitive properties, where the proximity to the adjacent rail line may have adverse effects on the occupants of the properties.
- 2. No heavy / noisy construction equipment or machinery (to include pneumatic drills, construction vehicles, generators, etc) shall be operated on or adjacent to the construction site before 07:00 hours on weekdays and 09:00 hours on Saturdays nor after 19:00 hours on weekdays and 13:00 hours on Saturdays, nor at any time on Sundays, Bank Holidays or Public Holidays.
- 3. Noise levels arising from construction activities shall not be so loud, so continuous, so repeated, of such duration or pitch or occurring at such times as to give rise to a noise nuisance affecting a person in any premises in the neighbourhood.
- 4. During the construction phase of the development, Best Practicable Means shall be employed to minimise air blown dust being emitted from the site. This shall include covering skips and slack-heaps, netting of scaffolding, daily washing down of pavements or other public areas, and any other precautions necessary to prevent dust nuisances.
- 5. A suitable location for the storage of refuse shall be provided during the construction and operational phase of the development so as to prevent a public health nuisance.
- 6. Noise due to the normal operation of the proposed development, expressed as Laeq over 15 minutes at the façade of a noise sensitive location, shall not exceed the daytime background level by more than 10 dB(A).
- 7. Clearly audible or impulsive tones at noise sensitive locations during evening and night shall be avoided irrespective of the noise level.
- 8. Signage or lighting to be used on site during the construction of the development must not be intrusive to any light sensitive location including residential properties in close proximity to the development.
- 9. The applicant shall ensure that the development shall be operated so that there will be no emissions of malodours, gas, dust, fumes or other deleterious materials on site as would give reasonable cause for annoyance to any person in any residence, adjoining unit or public place in the vicinity.

REASON: In the interests of environmental health.

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19. Aviation.

Given the proximity to Casement Aerodrome, operation of cranes shall be coordinated with Air Corps Air Traffic Services, no later than 28 days before use, contactable at airspaceandobstacles@defenceforces.ie or 01-4037681

Due to the proximity to Casement Aerodrome, the developer shall implement adequate bird control measures during the construction phase to mitigate the effects of birds on Air Corps flight operations.

Given the proximity to Casement Aerodrome this area may be subject to a high level of noise from aircraft operating in the vicinity of the aerodrome.

Given the proximity of the development to Casement Aerodrome, should negative effects become apparent on air or ATC operations as a result of the photovoltaic cells, then the owner shall take measures necessary to mitigate these effects to an acceptable level, without delay.

REASON: In the interests of aviation safety and protecting the amenities of the area.

20. Phasing.

Prior to the commencement of development the applicant/developer shall submit for the written agreement of the Planning Authority a detailed phasing programme for the approved development that fully accords with the requirements of the Planning Authority. REASON: To ensure the orderly implementation and proper planning and sustainable development.

21. SDZ Phasing.

Prior to the commencement of development, or as otherwise agreed in writing with the Planning Authority, the developer/landowner shall submit the following for written agreement of the Planning Authority;

- (a) The total no. of units permitted and the designation of these units to a phase(s) of the Planning Scheme,
- (b) Subject to (a), occupation of units cannot proceed until the minimum delivery in the relevant preceding phase as per Table 4.3 Phasing Table (or as otherwise amended by the Development Agency) in the Planning Scheme is agreed in writing by the Planning Authority as delivered or otherwise agreed in writing with the Planning Authority having regard to the Planning Scheme.
- (c) The designation in part a) shall provide cumulative details for the occupied units in the SDZ per Phase including written agreement of relevant landowners in the SDZ or landowner representative to the designation proposed;

REASON: To ensure the orderly implementation and proper planning and sustainable development of the Planning Scheme for Clonburris.

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22. Signage.

Prior to the commencement of development the applicant/developer shall submit for the written agreement of the Planning Authority details of all external signage including in the public realm, and relating to the creche and commercial/retail units.

REASON: In the interest of the amenities of the area/visual amenity.

23. Construction Environmental Management Plan

Prior to the commencement of development, the applicant/developer shall submit a site-specific Construction Environmental Management Plan (CEMP) for the written agreement of the Planning Authority. The CEMP should detail and ensure Best Construction Practices including measures to prevent and control the introduction of pollutants and deleterious matter to surface water and measures to minimise the generation of sediment and silt. Details around storage of construction materials, dust supression and construction-related fuel and oil and roofed bunds that exclude rainwater shall be included. The developer must take precautions to ensure there is no entry of solids, during the connection of pipework, or at any stage to the existing surface water system. The CEMP should provide for the assignment of a designated, suitably experienced, and person during the construction phase, to monitor and ensure all environmental mitigation measures are implemented and functioning correctly and related record of checks shall be maintained and made available for inspection.

REASON: In the interests of good water quality and the proper planning and sustainable development of the area.

24. Green Infrastructure

Prior to the commencement of development, the applicant submit revised details/proposals for the written agreement of the Planning Authority that demonstrate, unless otherwise agreed:

- i. A Strategic Green Corridor along the northern boundary of the site adjacent to the Dublin-Cork Railway including natural SUDs and planting along length of boundary (planting options might include Miyawaki style planting)
- ii. A Local Green Corridor approximately N-S along the eastern boundary incorporating nature based SuDS and planting along length of boundary
- iii. A Local Green Corridor approximately N-S and E-W along the westernmost local street south of Clonburris Link Street incorporating nature based SuDS: such as bioretention raingardens and additional planting.
- iv. A Local Green Corridor approximately N-S through the centre of the development increasing the tree planting and providing above ground SUDS.
- v.Retention of trees and hedgerow along southern boundary as shown in SDZ. Where hedgerow was removed this is to be replaced with fast-growing planting, such as Miyawaki-style planting. No tree works/removals or pruning to take place prior to a site meeting with Public Realm to agree extent of works. No works to take place withing the root protection zone/drip line of trees. An area of Public Open Space is required between the hedgerow and the development to allow proper setback for residential amenity and to

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allow for the Taking in Charge and maintenance of the trees and hedgerow in the future (space for tractor and flail required- minimum space required 6m from base of hedgerow). This should involve either changing the house/dwelling-unit type or omitting House Nos. 01, 25, 26 and 46. The ESB substation adjacent to the southern hedgerow shall be moved elsewhere in the scheme.

REASON: In the interests of adequate Green Infrastructure provision in accordance with the Clonburris SDZ Planning Scheme.

25. Street Trees

Prior to the commencement of any works on site, the applicant, owner or developer shall have lodged with the Planning Authority for written agreement, landscape proposals that demonstrate the following or as otherwise agreed in writing with the Planning Authority: a. Street trees required at the following locations: Outside house numbers: 192, 194, 196, 200, 202, 203, 190, 191, 189, 188, 187, 185, 183, 181, 179, 177, 175, 174, 172, 125, 126, 127, 129, 131, 133, 135, 137, 139, 140, 142, 107, 109, 111, 113, 115, 117, 119, 121, 122, 124, 123, 92, 90, 89, 87, 85, 83, 82, To enable the tree to be in the street the footpath should be moved to the inside, (i.e. car parking and tree on the street edge). b. Additional street trees required to address the gap in street tree provision along the Local Green Corridor connecting the canal to the urban plaza. Enhanced planting shall be provided by additional street trees, planted swales or small scale SuDS as appropriate to create a Local Green Corridor along this street. The applicant is referred to the Clonburris SDZ Planning Scheme 2019, Clonburris SDZ Parks and Landscape Strategy and DMURS (2019) for guidance on street tree provision and appropriate design layouts for local streets

All Street Trees planted within the Public Realm shall have suitable tree pits that incorporates SuDS features including sufficient growing medium. Street Trees to be planted at: • Minimum 18-20m girth along local streets • Minimum 16-18cm girth on intimate local roads, i.e. homezones.

Landscape masterplan/planting plan to clearly delineate street lighting to ensure street tree proposals are realistic. If this is not currently the case, proposals to be revised to ensure street tree delivery.

REASON: In the interests of adequate Green Infrastructure provision in accordance with the Planning Scheme.

26. Landscape Plan

and homezones.

Prior to the commencement of development, a revised detailed landscape plan, to be agreed with the Planning Authority, with full works specification, that accords with the specifications and requirements of Council.

Unless otherwise agreed, the revised Landscape Proposals shall incorporate:

i. Revised design for plaza incorporating Green Infrastructure and natural SUDS.

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- ii. Revised design of Public Open Space with detention ponds to incorporate shelves and planting.
- iii. Revised open space and play design on open space in east of site, north of link road. iv.Revised play design at central open space.
- v. Open space areas along all roads to incorporate natural Suds for attenuation, water treatment, amenity and biodiversity purposes as outlined in SDZ. Details of all natural SuDS features including swales, rain gardens, bioretention tree pits, channel rills, filter strips, ponds, detention basins with lower areas allowed to fill first (low flow channels), wetlands etc. to be agreed with Public Realm
- vi. All hard and soft landscape details; including levels, sections and elevations vii. A fully detailed Planting Plan clearly setting out the Location of species types, schedule of plants noting species, planting sizes and proposed numbers/densities where appropriate. Parkland/Open Space tree planting to include a range of semi-mature specimens that are a minimum of 20-25cmg and specimen ornamental trees to include trees that are 30-35 cmg.
- viii. Ornamental wildflower mixes should not be used. Agree wildflower planting with Public Realm.
- ix. Tree and hedgerow protection measures: show extent and position of tree and hedgerow protection fences
- x. Planting plan required for ponds including planted shelves to ensure safety of residents and amenity and biodiversity value.
- xi.Paths directing users into attenuation ponds to be fully accessible cross sections and levels required.
- xii. Grassed areas and slopes need to provide for safe grass cutting (generally 1 in 8 slope, max 1 in 6) with ride on lawn mowers or tractor with a 16 foot mower pulled behind.
- xiii. Native species shall be used for formal hedging proposed within Clonburris SDZ e.g., residential. Suitable species include hazel Corylus avellana, wild privet Ligustrum vulgare, guelder rose Viburnum opulus and yew Taxus baccata.
- xiv. Paths to be concrete or tarmac throughout the development.
- xv. Details of all play items and natural play features to be provided and agreed with SDCC. All play areas to be universally accessible.
- REASON: In the interest of amenity, compliance with Clonburris SDZ Planning Scheme, Parks and Landscape Strategy, Biodiversity Management Plan, SDCC Development Plan Policy; the provision, establishment and maintenance of a reasonable standard of landscape; and proper planning and sustainable development of the area.
- 27. Regulation of Institutional Investment in Housing Mixed unit-type development.(a) Prior to the commencement of any house or duplex unit in the development as permitted, the applicant or any person with an interest in the land shall enter into an agreement with the planning authority (such agreement must specify the number and Pg. 127

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location of each house or duplex unit), pursuant to Section 47 of the Planning and Development Act 2000 (as amended), that restricts all houses and duplex units permitted, to first occupation by individual purchasers i.e. those not being a corporate entity, and/or by those eligible for the occupation of social and/or affordable housing, including cost rental housing.

- (b) An agreement pursuant to Section 47 shall be applicable for the period of duration of the planning permission, except where after not less than two years from the date of completion of each specified housing unit, it is demonstrated to the satisfaction of the planning authority that it has not been possible to transact each specified house or duplex unit for use by individual purchasers and/or to those eligible for the occupation of social and/or affordable housing, including cost rental housing.
- (c) The determination of the planning authority as required in (b) shall be subject to receipt by the planning and housing authority of satisfactory documentary evidence from the applicant or any person with an interest in the land regarding the sales and marketing of the specified housing units, in which case the planning authority shall confirm in writing to the applicant or any person with an interest in the land that the Section 47 agreement has been terminated and that the requirement of this planning condition has been discharged in respect of each specified housing unit.

REASON: To restrict new housing development to use by persons of a particular class or description in order to ensure an adequate choice and supply of housing, including affordable housing, in the common good.

28. Cash Deposit/Bond

Prior to the commencement of development, the developer shall lodge with the Planning Authority a cash deposit, a bond of an insurance company, or other security to secure the provision and satisfactory completion and maintenance until taken in charge by the local authority of roads, footpaths, watermains, drains, public open space and other services required in connection with the development, coupled with an agreement empowering the local authority to apply such security or part thereof to the satisfactory completion or maintenance of any part of the development. The form and amount of the security shall be as agreed between the Planning Authority and the developer or, in default of agreement, shall be referred to An Bord Pleanala for determination.

REASON: To ensure the satisfactory completion and maintenance of the development until taken in charge.

29. Financial Contribution

The developer shall pay to the Planning Authority a financial contribution in respect of public infrastructure and facilities benefiting in the area of the Planning Authority that is provided or intended to be provided by or on behalf of the Authority in accordance with the terms of the Contribution Scheme made under section 48 of the Planning and Development Act 2000, as amended. The contribution shall be paid prior to commencement of development or in such phased payments as the Planning Authority

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may facilitate and shall be subject to any applicable indexation provisions of the Scheme at the time of payment. Details of the application of the terms of the Scheme shall be agreed between the Planning Authority and the developer or, in default of such agreement, the matter shall be referred to An Bord Pleanala to determine the proper application of the terms of the Scheme.

REASON: It is a requirement of the Planning and Development Act 2000, as amended, that a condition requiring a contribution in accordance with the Contribution Scheme made under section 48 of the Act be applied to the permission.

30. Kildare Route Financial Contribution

The developer shall pay to the Planning Authority a supplementary development contribution pursuant to the provisions of Section 49 Planning & Development Act 2000, as amended, towards the expenditure incurred in the provision of the Kildare Route Project which facilitates this development. The contribution shall be paid prior to commencement of development or in such phased payments as the Planning Authority may facilitate and shall be subject to any applicable indexation provisions of the Scheme at the time of payment. Details of the application of the terms of the Scheme shall be agreed between the Planning Authority and the developer or, in default of such agreement, the matter shall be referred to An Bord Pleanala to determine the proper application of the terms of the Scheme.

REASON: The provision of such facilities will facilitate the proposed development. It is considered reasonable that the payment of a Supplementary Contribution be made in respect of the upgrade of the Irish Rail, Kildare Route Project.

31. Mitigation Measures.

All mitigation measures set out in the documentation submitted in support of the application, including in particular those set out in the Archaeological Assessment, Energy Statement and Building Life Cycle Report shall be implemented in full. REASON: In the interest of the protection of the environment.

32. Prior to the commencement of development, the developer or any agent acting on its behalf shall prepare a Construction and Demolition Resource Waste Management Plan (RWMP) as set out in the Best Practice Guidelines for the Preparation of Resource and Waste Management Plans for C&D Projects (2021) including demonstration of proposals to adhere to best practice and protocols. The RWMP shall include specific proposals as to how the RWMP will be measured and monitored for effectiveness; these details shall be placed on the file and retained as part of the public record. The RWMP must be submitted to the planning authority for written agreement prior to the commencement of development. All records (including for waste and all resources) pursuant to the agreed RWMP shall be made available for inspection at the site office at all times. Reason: In the interest of proper planning and sustainable development.

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NOTE: The applicant is advised that under the provisions of Section 34 (13) of the Planning and Development Act 2000 (as amended) a person shall not be entitled solely by reason of a permission to carry out any development.

NOTE: The requirements of the HSE Environmental Health Officer shall be ascertained prior to the commencement of development in the interest of public health.

NOTE: The applicant or developer should ensure that all necessary measures shall be taken by the contractor to prevent the spillage or deposit of clay, rubble or other debris on adjoining roads during the course of the works and to ensure that any such instances arising are remedied immediately.

NOTE: The applicant/developer is advised that the most up to date South Dublin County Council Taking in Charge Policy and associated documents can be found at the following location https://www.sdcc.ie/en/services/planning/commencement-and-completion/completion/taking-in-charge-policy-standards.

NOTE: The applicant shall notify the Irish Aviation Authority and the Department of Defence regarding any cranes likely to penetrate ICAO surfaces.

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REG. REF. SDZ22A/0010

LOCATION: The proposed development is located west of the Ninth Lock Road, south of the Dublin-Cork railway, line, north of Cappaghmore housing estate and whitton Avenue, and east of an existing carpark/park, & ride facility at the Clondalkin, Fonthill train statio

Colm Harte
Colm Harte,
Senior Executive Planner

ORDER:

A decision pursuant to Section 34(1) of the Planning & Development Act 2000, as amended, to Grant Permission for the reasons set out in the First Schedule above, in accordance with the said plans and particulars, subject to the condition(s) specified in the Second Schedule above, the reasons for the imposition of the said condition(s) being as set out in the said Second Schedule is hereby made.

Date:	02/05/2023	48 60
·		√Gormla O'Corrain
		Senior Planner