

ARCHITECTURAL DESIGN STATEMENT LRD PLANNING APPLICATION | GLENCARRIG, CELBRIDGE, CO KILDARE.

GARYARON HOMES LTD. JOB NO. 2112 AUGUST 2022





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This document should be read in conjunction with all drawings, documents and schedules submitted as part of the application submission.

OO INTRODUCTION THE PROPOSED DEVELOPMENT

INTRODUCTION:

The following document has been prepared by John Fleming Architects under the appointment of the applicant Garyaron Homes Ltd. This document will form part of the planning application to Kildare County Council for a proposed residential development on a site located at Glencarrig, Celbridge, Co. Kildare.

THE LOCATION:

These application lands at Glencarrig offer an exceptional opportunity to provide an exemplary residential development to the south of Celbridge in Co. Kildare. The site is relatively flat and consists of a single-family dwelling with extensive gardens and some derelict out buildings. It is located directly between the new residential development area known as Hazelhatch Park and the extensive lands identified by Kildare County Council as a key development area (KDA) forming the next phase of development for the Town. The proposed development seeks to marry the ambitions for the KDA with the adjacent existing development.

The site is located on the south east edge of the town of Celbridge, Co. Kildare, within 1.5 km of Celbridge town centre and close to the train station at Hazelhatch. Located 23km west of Dublin, Celbridge maintains strong economic & social links to the capital.

Aside from availing of the many amenities Celbridge has to offer, the site is located close to the local primary school and sporting facilities such as Celbridge GAA Club and Celbridge Tennis Club.

While the site is within a comfortable walking distance of the town centre it also benefits from very good transport links. There is good access to the M4 motorway, which bounds the town to the North and the M7 motorway to the South. The Arrow commuter train line runs from Hazelhatch to the Dublin and the intercity train services provide additional links across the country. There is a connecting shuttle bus service linking the train station with Celbridge town.

Development in the town has mainly been to the south in recent years, focusing on Primrose Gate, St. Wolfstan's Abbey and Hazelhatch Park. The application lands at Glencarrig offer an exceptional opportunity to provide another step in fulfilling Celbridge's local area plan by providing an exemplary residential development. The proposal provides a mix of unit types with 1 & 2-bedroom apartments and 3 & 4-bedroom houses. A free standing creche for 50 children is proposed adjacent to the boundary with Hazelhatch Park and the KDA lands to the south.

Consideration has been given to the masterplan prepared for the future development area (KDA 5 Simmonstown) to the south. Particular consideration has been given to connectivity to these lands and the location of the estate road to the south will allow flexibility for pedestrian, cycle and vehicle connections for any future development.

The site fronts directly on the Hazelhatch Road and Simmonstown road. It is proposed to realign/reconfigure the junction here to provide safer connection between the existing footpaths and the newly proposed path along Simmonstown Road. There are multiple pedestrian/ cycle access points along the road with vehicle access been provided at the south east corner on to Simmonstown Road.

ZONING:

As per Celbridge Local Area Plan 2017-2023, the site in question is zoned "B" Existing Residential. Our proposal of 137 no. residential units complies with the overall land use zoning objectives.

THE SITE:

This site consists of a single-family dwelling with extensive gardens and some derelict out buildings. It is relatively flat property with extensive road frontage. The rear gardens and side of the two storey houses at Hazelhatch Park back on to the western and northern boundaries and have 2m high blockwork boundary walls. It has numerous mature trees particularly along the Simmonstown Road.

To the south are lands currently forming part of a stud farm but zoned by Kildare County Council as a key development area (KDA) with a masterplan provided as part of the Celbridge Local Area Plan. This plan shows bicycle and vehicle connections with the Simmonstown Rood adjacent to the boundary with the subject site (which was not included within the masterplan area).

THE PROPOSED DEVELOPMENT:

Initially proposed as a development for medium density housing, discussions with the local authority advised that higher densities were more appropriate for this location. The proposal balances the need to provide increased density while being conscious of the existing residentially amenity. Connectivity is a key driver of the design as well as an ambition to retain as many of the existing mature garden trees as possible. This has been fully embraced by the design team and has allowed the opportunity to create a proposal that achieves a high density in a high-quality design that:

- Remains sensitive to the amenity of existing adjacent dwellings with the local area.
- Provides generous levels of open space and retains many of the existing trees.
- Provides the road and cycle access proposed by the KDA masterplan
- Road improvements to the existing roads
- An extensive mix of residential types including 1, 2, 3 and 4-bedroom units.

The design is defined by two key character zones with two and three storey housing to the south and three four and five storey apartments in three blocks to the north. The housing and apartment buildings are set back from the existing road to provide open space to allow the retention of as many of the existing trees as possible.

The apartment blocks frame a courtyard garden. All the areas of the development are open and permeable to all residents. To the south of the site along the western boundary with Hazelhatch Park a single storey creche is provided with its own private grounds.

OO INTRODUCTION PROJECT TEAM.

INTRODUCTION:

The following document has been prepared by John Fleming Architects under the appointment of the applicant Garyaron Homes Ltd. This document will form part of planning application to An Bord Pleanála for a proposed residential development on the site of an existing dwelling located along Hazelhatch Road at Celbridge, Co Kildare.

This Architectural Design Statement has been compiled in collaboration with the following design team:

- Kavanagh Burke Consulting Engineers
- NRB Road traffic engineers
- 3D design Bureau
- Mande Consulting Services Engineers
- Malachy Walsh
- Ronan MacDiarmuida landscape Architect

Client

Garyaron Homes Ltd.

Planning Consultant Brock McClure

Architect
John Fleming Architects

Civil & Structural Engineers
Kavanagh Burke Consulting Engineers

Road Engineers
NRB consulting engineers

Visualisations 3D Design Bureau

Mechanical and Electrical Consulting Engineers MandE

Environmental Engineers Malachy Walsh Engineers

Landscape Architect Ronan MacDiarmuida

















Several members of this team have a strong track record of collaboration, having designed and delivered numerous residential schemes throughout Ireland together. Selected projects include Slade Castle in Saggart, Whitethorn in Athgarvan, and Ridgewood manor in Kildare. See selected images below.















01SITE CONTEXT



O 1 SITE CONTEXT AERIAL PHOTOGRAPH + VIEW POINTS



John Fleming Architects

O 1 SITE CONTEXT CONTEXT IMAGES



Road view A_Facing North (along Simmonstown Road).



Road view D_View facing South - Hazelhatch Rd & Simmonstown Rd



Road view B_Facing North (along East Boundary)



Road view E_View facing South - Hazelhatch Road.



Road view C_View from junction of Hazelhatch Rd & Simmonstown Rd



Road view F_View from North East of site

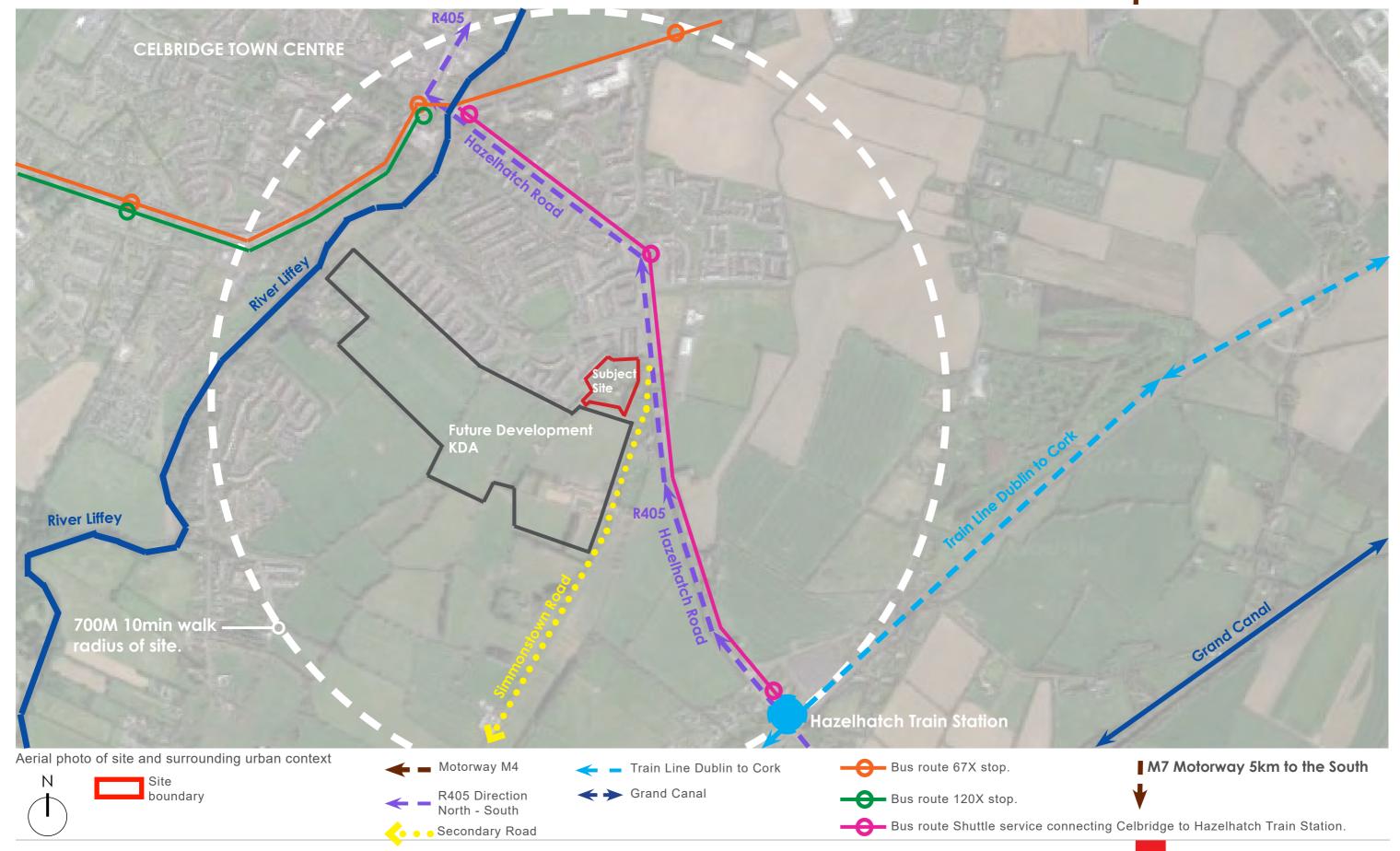
O 1 SITE CONTEXT AERIAL SITE PHOTOGRAPHS



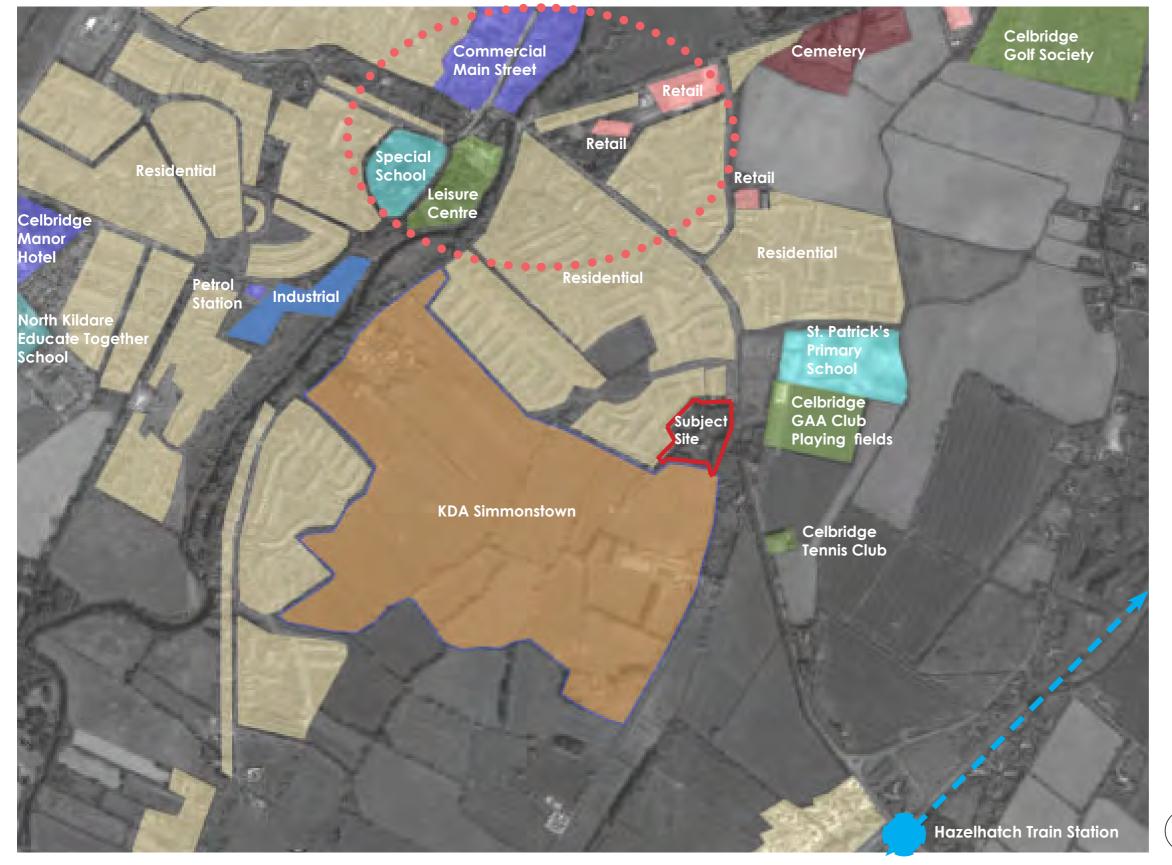


Aerial view looking west

Aerial view looking north



O 1 SITE CONTEXT LOCAL AMENITY



Site boundary

KDA Simmonstown

Commercial

Residential

Amenity

Industrial

Retail

Education

Ecclesiastical

Town Centre.

Ν

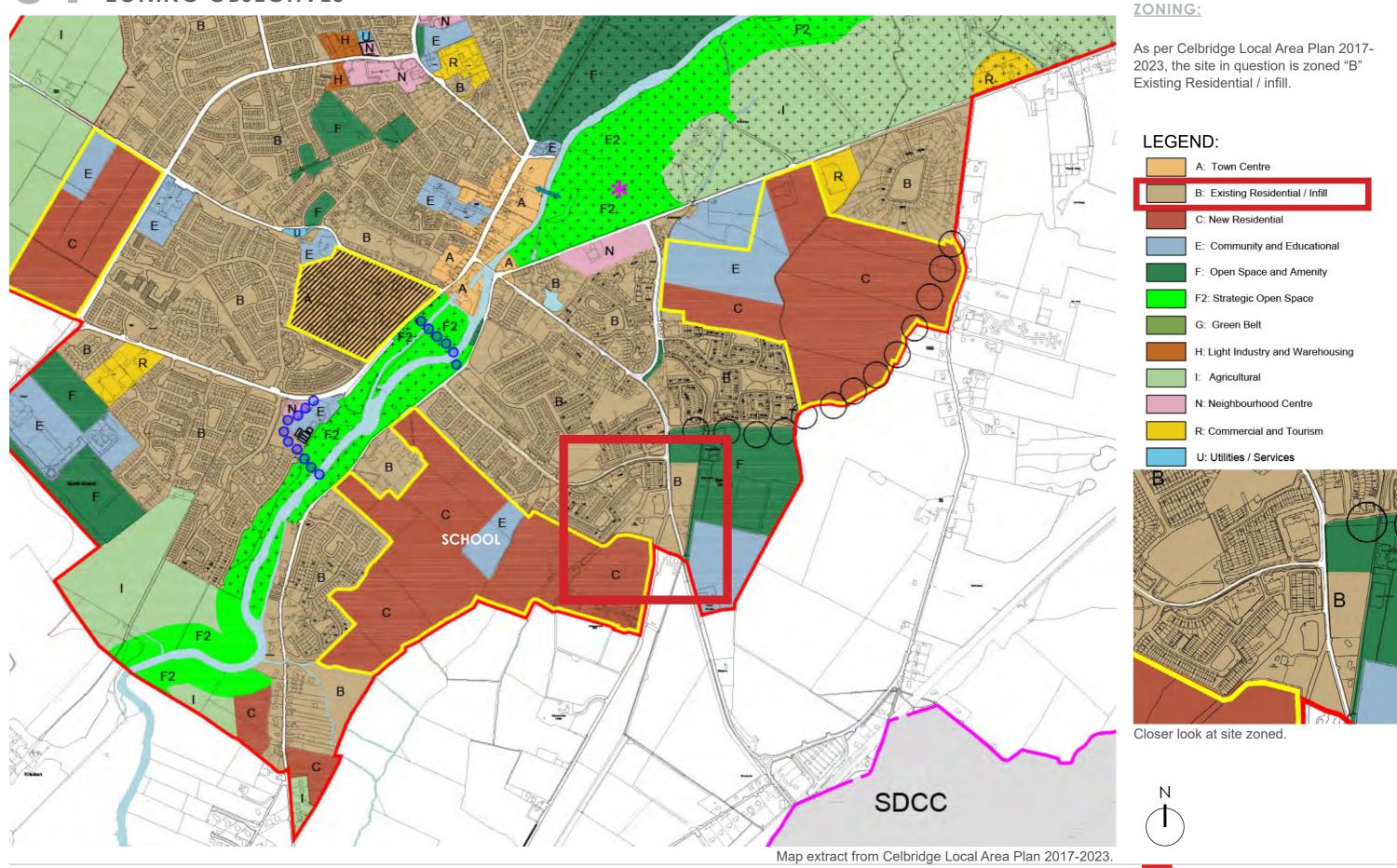
Aerial photo of site and surrounding urban context

O 1 SITE CONTEXT FUTURE DEVELOPMENT



Design Concept for KDA 5 Simmonstown. Source: Kildare Local Area Plan 2017-2023.

O 1 SITE CONTEXT ZONING OBJECTIVES



O 1 SITE CONTEXT ZONING OBJECTIVES

ZONING OBJECTIVES AND LAND USE:

The Zoning Matrix illustrates a range of land uses together with an indication of their broad acceptability in each of the land use zones.

It should be noted that uses other than the primary uses for which an area is zoned may be permitted provided they are not in conflict with the primary use zoning objective.

Source: Kildare Local Area Plan 2017-2023.

13.4 LAND USE ZONING MATRIX

The Zoning Matrix illustrates a range of land uses together with an indication of their broad acceptability in each of the land use zones.

acceptability in each of the land use zones.												
Land Use	A – Town Centre	B - Existing Residential / Infill	C – New Residential	E – Community and Educational	F – Open Space and Amenity	F2 – Strategic Open Space	G - Green Belt	N- Neighbourhood Centre	H - Light Industry and Warehousing	I - Agricul tural	R – Commercial and Tourism	U – Utilities and Services
Amusement Arcade	N	N	N	N	N	N	N	N	N	N	N	N
Agricultural Buildings	N	N	N	N	N	N	0	N	0	Υ	N	N
Car Park (other than ancillary car	Υ	N	N	0	N	N	N	0	0	N	N	0
parking)												
Betting Office	0	N	N	N	N	N	N	0	N	N	N	N
Cemetery	N	N	N	Y	0	N	N	N	N	N	N	N
Community / Recreational/	Υ	0	0	Υ	Υ	N	N	0	N	N	0	N
Sports buildings												
Crèche/Playschool	Υ	0	Υ	Y	0	N	N	0	0	N	0	N
Cultural Uses/Library	Y	0	0	Υ	0	0	N	0	N	N	N	N
Dancehall/Disco	0	N	N	N	N	N	N	N	N	N	N	N
Dwelling	Υ	Υ	Υ	Og	N	N	N	Υ	N	o	N	N
Funeral Homes	Y	N	N	Y	N	N	N	0	N	N	N	N
Garage / Car Repairs	N	N	N	N	N	N	N	N	Y	N	N	N
Guest House/Hotel/Hostel	Υ	0	0	Υ	N	N	N	N	N	O ₁₀	Υ	N
Heavy Commercial Vehicle Park	N	N	N	N	N	N	N	N	Y	N	N	N
Hot Food take away	0	N	N	N	N	N	N	0	N	N	N	N
Light Industry	0	N	N	N	N	N	N	N	Y	N	N	N
Medical Consultancy/Health	Υ	0	0	Υ	N	N	N	Υ	N	N	N	N
Centre												
Motor Sales	N	N	N	N	N	N	N	N	Y	N	N	N
Nursing Home/Housing for the	Υ	Υ	Υ	Υ	N	N	N	0	N	on	N	N
Elderly												
Offices	Υ	O ¹²	0	0	N	N	N	0	N	N	0	N
Park / Playground	Υ	γ	Υ	Υ	Υ	Y	Υ	Υ	N	0	0	N
Petrol Station	N	N	0	N	N	N	N	0	Υ	N	N	N
Place of Worship	Y	0	0	Υ	N	N	N	0	N	N	N	N
Playing Fields	0	0	0	Y	Y	Y	Υ	0	N	0	0	N
Pub	Υ	N	0	N	N	N	N	0	N	N	N	N
Restaurant	Y	0	0	N	N	N	N	0	N	N	0	N
School	Υ	0	0	Υ	N	N	N	N	N	N	N	N
Shop (Comparison)	Y	N	N	N	N	N	N	N	N	N	0	N
Shop (Convenience)	Υ	0	0	N	N	N	N	Υ	N	N	0	N
Utility Structures	0	0	0	0	0	0	0	0	Y	0	0	Υ
Warehouse/Store ¹³ /Depot	N	N	N	N	N	N	N	N	Υ	N	N	N
Workshops /Small Scale Craft	0	0	N	N	N	N	N	N	Υ	0	0	Y

Table 13.3 Land Use Zoning Matrix



02DESIGN STRATEGY







02 DESIGN STRATEGY CONNECTIVITY



02 DESIGN STRATEGY CONNECTIVITY



02 DESIGN STRATEGY TRANSITIONS IN DENSITY



DESIGN STRATEGY CONCEPT CHARACTER AREAS



Plan showing character areas across site.

The development has been designed to respond to the varying features already present of the site. The site is located at a pivotal point leading from an urban area into a residential and farming area.

As such, we have identified "character areas" on the edge of our site and provided new zones within the site to address these conditions.

1 Avenue/Central spine.
Axial vehicular route.

2 Pedestrian routes.

Axial pedestrian routes.

3 Pocket green spaces.

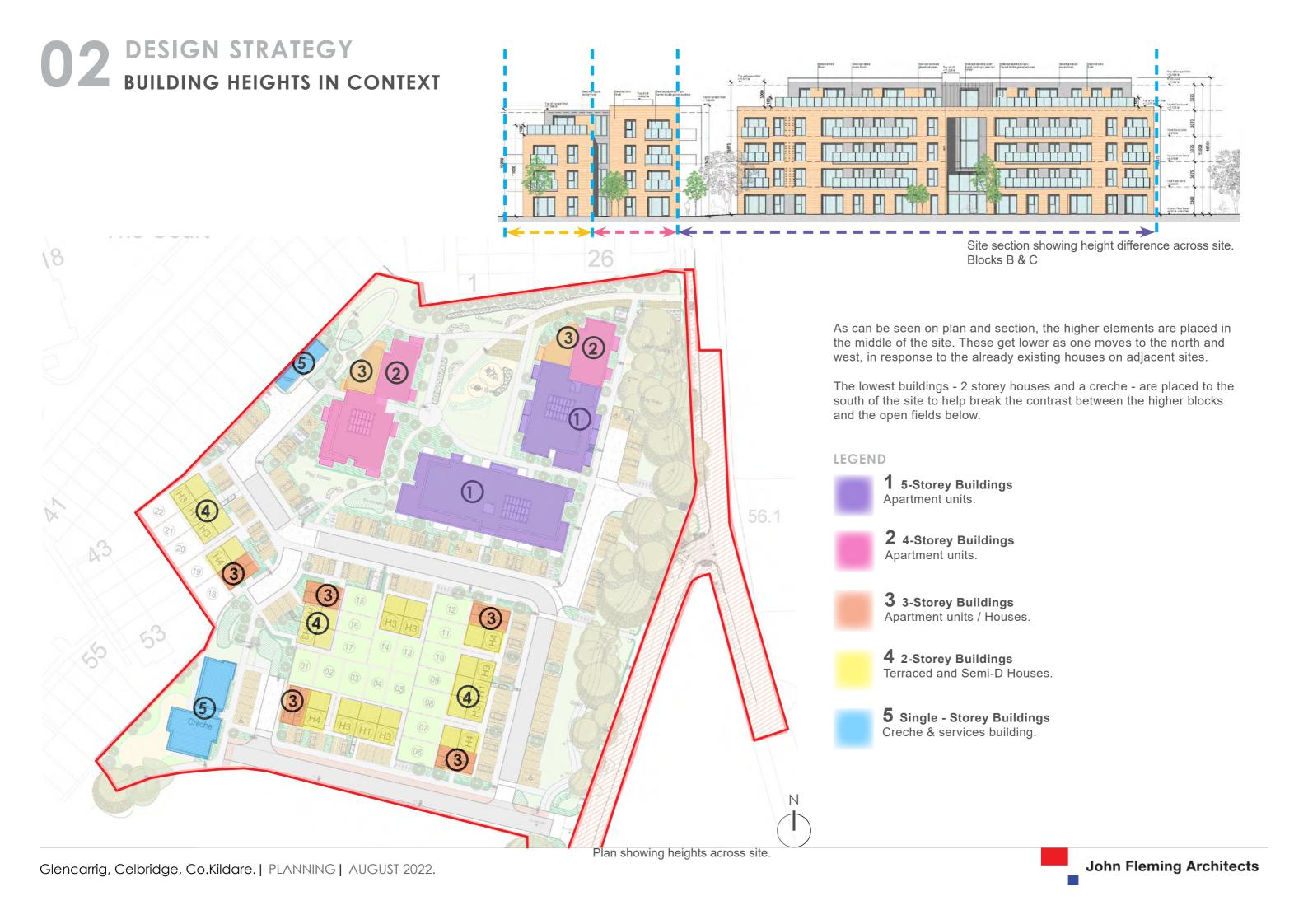
4 Higher density clusters.

Apartments wrapped around a shared larger public open space.

5 Medium density clusters.

Terraced Houses with private gardens, communal open space and on street parking.

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03PROPOSED DESIGN





O3 PROPOSED DESIGN SITE PLAN



ACCOMMODATION SCHEDULE:

Site Statistics

Houses-

05 no. 4 bedroom Semi-detached (H2) 04 no. 3 bedroom Semi-detached (H4) 04 no. 3 bedroom Mid-Terrace (H1)

09 no. 3 bedroom End of Terraced / Semi-D (H3)

Total 22 no. Houses

Apartments-

Block A 39 Units 19 no. 1 bed 20 no. 2 bed
Block B 51 Units 24 no. 1 bed 27 no. 2 bed

Block C 25 Units 11 no. 1 bed 14 no. 2 bed + Amenity

Total 115 Units 54 no. 1 bed 61 no. 2 bed (25 no. 3P/36 no. 4P)

Overall Total= 137 units

Site Area = 2.1 Ha
Density = 66 per Ha
Open Space = 4380sq.m (20%)

Car Spaces = 129 spaces 44 housing / 81 Apartments / 04 Creche

LEGEND

SD -Semi-Detached houses

TU -Terraced Units

PROPOSED DESIGN PROPOSED SITE SECTIONS



Typical Site Sections | Not to scale

PROPOSED DESIGN APARTMENT BLOCK A.



PROPOSED DESIGN APARTMENT BLOCK A.



LEGEND

- 01 Selected brick finish.
- 02 Selected natural render finish.
- 03 Selected standing seam metal cladding to selected colour
- 04 Selected aluminium / upvc framed double glazed windows
- 05 Selected enclosed glazed balconies

Apartment Block A- East elevation.



Apartment Block A - North elevation.



View of Blocks A & B from Hazelhatch Road

PROPOSED DESIGN APARTMENT BLOCK, B Block B Apartment Block B is located at the centre of the Apartment block B development. The block consists of 5 storeys with Fourth floor plan a set back top floor. The block consists of 51 No. units with a mix of one and two bedroom apartments. LEGEND One bed apartment Two bed (3P) apartment Two bed (4P) apartment Block B 25400 4800 Apartment block B -Typical floor plan

PROPOSED DESIGN APARTMENT BLOCK B



LEGEND

- 01 Selected brick finish.
- 02 Selected natural render finish.
- 03 Selected standing seam metal cladding to selected colour
- 04 Selected aluminium / upvc framed double glazed windows
- 05 Selected enclosed glazed balconies

Apartment Block B- North elevation.



Apartment Block B- East elevation.



Apartment Block B- East elevation.

PROPOSED DESIGN APARTMENT BLOCK C.





Apartment Block C is located to the West of the development. The block consists of 3/4 storeys with set back to top floor on the west elevation.

The block consists of 25 No. units with a mix of one and two bedroom apartments.

LEGEND

One bed apartment

Two bed (3P) apartment

Two bed (4P) apartment

PROPOSED DESIGN APARTMENT BLOCK C.



Apartment Block C - East elevation.



Apartment Block C - South elevation.

LEGEND

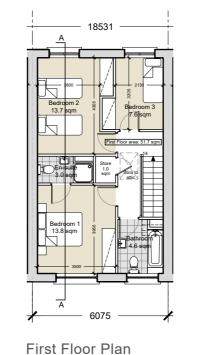
- 01 Selected brick finish.
- 02 Selected natural render finish.
- 03 Selected standing seam metal cladding to selected colour
- 04 Selected aluminium / upvc framed double glazed windows
- 05 Selected enclosed glazed balconies



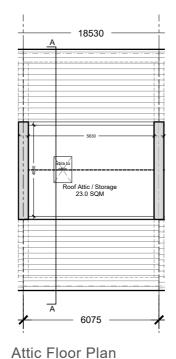


Ground Floor Plan

Scale 1:200



Scale 1:200



Scale 1:200

House type H1 is a modern two storey 3 bed terraced house, with brick feature detail including a full brick arch.

The brick facade provides a crisp modern look at the entrance.

CGI View

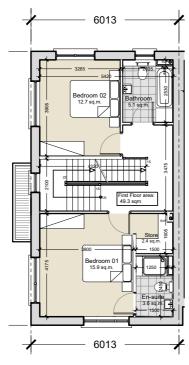


LEGEND:

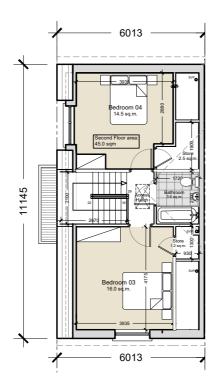
- 01 Black concrete roof tiles.
- 02 Standing seam metal roof.
- 03 Black aluminum/ PVC rainwater goods.
- 04 Selected grey / black aluminium/ upvc frames double glazed windows
- 05 Selected Brick
- 06 Hardwood timber door
- 07 Painted Nap plaster finish



Ground Floor Plan Scale 1:200



First Floor Plan Scale 1:200



Attic Floor Plan Scale 1:200



CGI View



House type H2 is a modern three storey dual aspect semi-detached house providing generous living and bedroom accommodation and featuring large-format windows with brick detailing.

House type H2 has the entrance to the side ensuring active frontage to prominent corner locations.



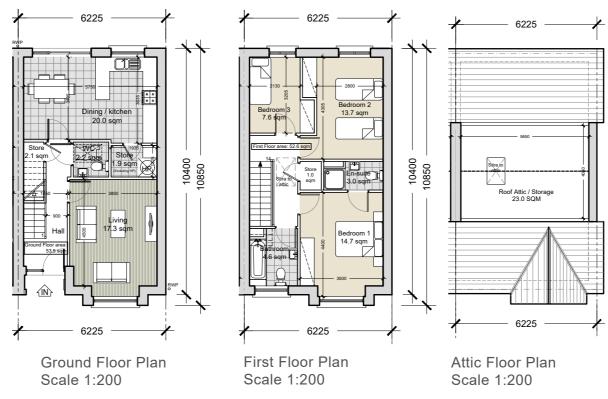




LEGEND:

- 01 Black concrete roof tiles.
- 02 Standing seam metal roof.
- 03 Black aluminum/ PVC rainwater goods.
- 04 Selected grey / black aluminium/ upvc frames double glazed windows
- 05 Selected Brick
- 06 Hardwood timber door
- 07 Painted Nap plaster finish



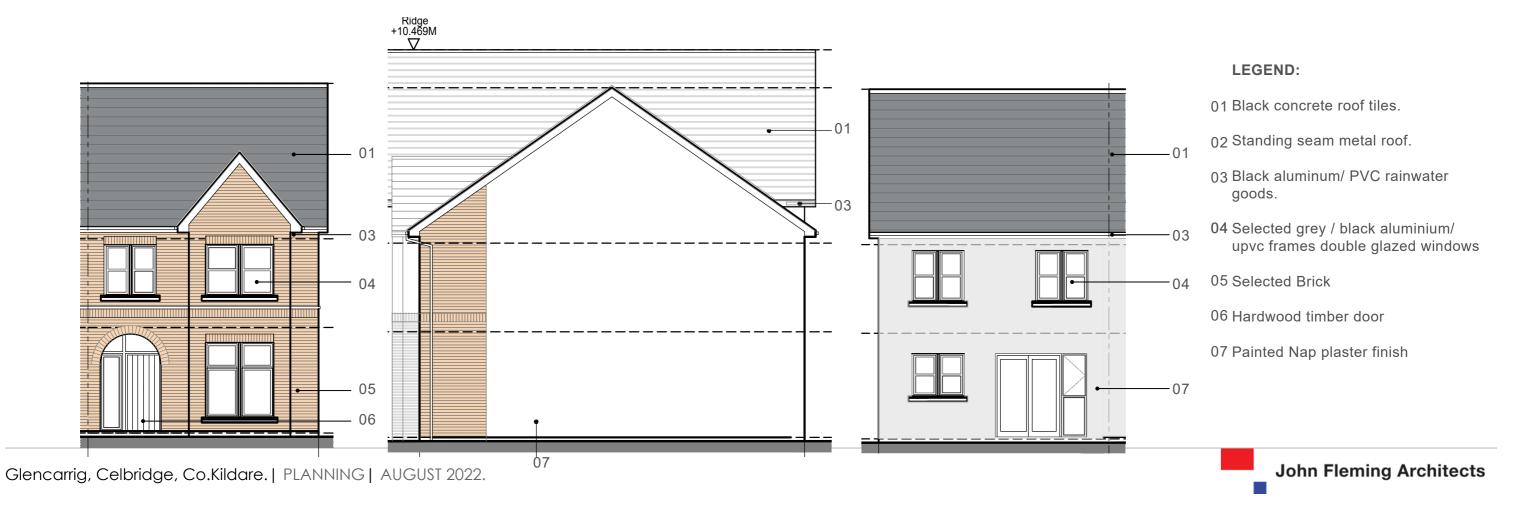


56.1 N

House type H3 is a modern two storey 3 bed semi - detached house, with brick feature detail including a full brick arch.

The brick facade provides a crisp modern look at the entrance.

CGI View





Glencarrig, Celbridge, Co.Kildare. | PLANNING | AUGUST 2022.

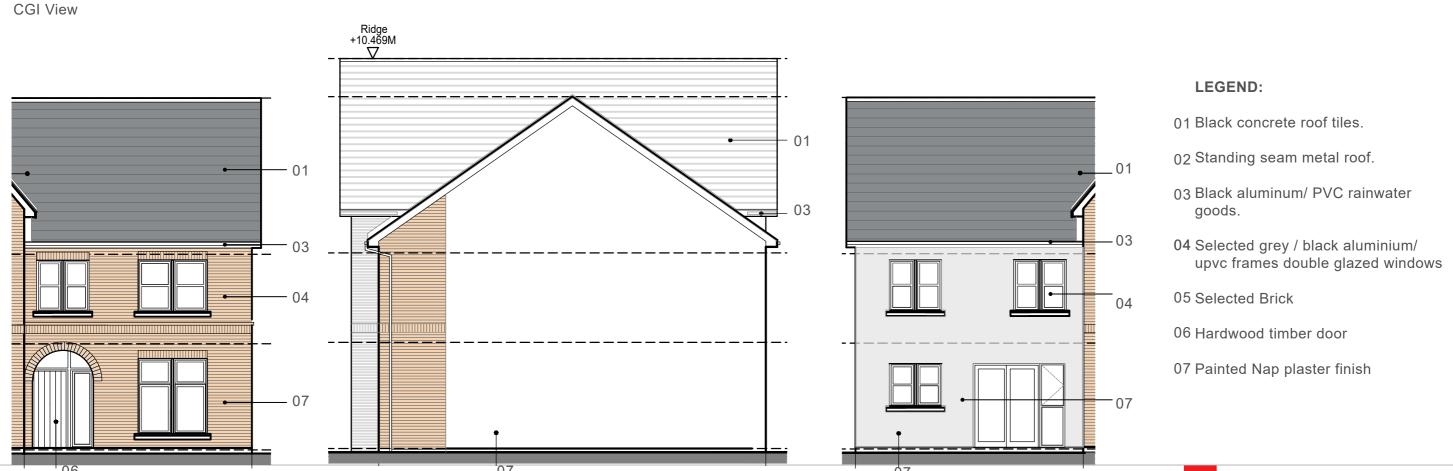




House type H4 is a modern two storey 3 bed semi - detached house, with brick feature detail including a full brick arch.

The brick facade provides a crisp modern look at the entrance.

John Fleming Architects











REFERENCE IMAGES MATERIALS AND AMENITIES

01 MIX

The proposed development provides a variety of residential options designed on a build to sell basis. The mix includes one and two bed apartments, terraced & semi-detached houses.

The mixture of traditional apartments and houses provides for residents with a variety of needs to allow for a diverse community. The perimeter parking allows for active open areas and street scapes.



02GREEN SPACE

Providing green spaces is key to the overall objective for the scheme.

The design of the green spaces is intended to enable easy pedestrian links, connecting people to each other and to the town. It is user friendly.

In order to soften the edges of the site where it meets the main road a green buffer zone has been created at the existing edge so as there is an area of privacy before entering the buildings. These will be landscaped to enhance the seclusion zone, refer to landscape plans.

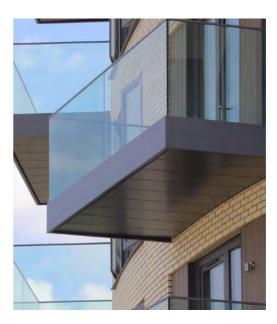
The main entrance to the site is marked with a strong architectural feature adjacent to a plot of existing trees. It creates a strong visual and pedestrian focal point for dwellers and visitors alike.











03 MATERIALS

Buff Brick will be used for the apartments, with a standing seam roof. Steel & glass balconies will finish the clean and sophisticated look.

Red brick will be used for the houses, giving them a warm homely feel.

Refer also to materiality report.











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