

24250-01-001

**RESIDENTIAL DEVELOPMENT,  
BALLYHASKEY, NEWTOWNCUNNINGHAM,  
COUNTY DONEGAL**

Road Safety Audit Stage 1

for

**DONEGAL COUNTY COUNCIL**

FEBRUARY 2025

**ROADPLAN**  
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**DOCUMENT CONTROL SHEET**

<b>Project Title</b>	Residential Development at Ballyhaskey, Newtowncunningham, Co. Donegal
<b>Project No.</b>	24250-01
<b>Client</b>	Donegal County Council
<b>Document Title</b>	Road Safety Audit Stage 1
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## 1. INTRODUCTION

- 1.1 This report describes a Stage 1 Road Safety Audit carried out at a proposed residential development in Newtowncunningham in Co. Donegal. The site is nestled between existing residential developments on the eastern side of the village. Access to the proposed development is via Newtowncunningham Village and the L2501. The audit was carried out on 19<sup>th</sup> December 2024 in the offices of Roadplan Consulting, Kilkenny.

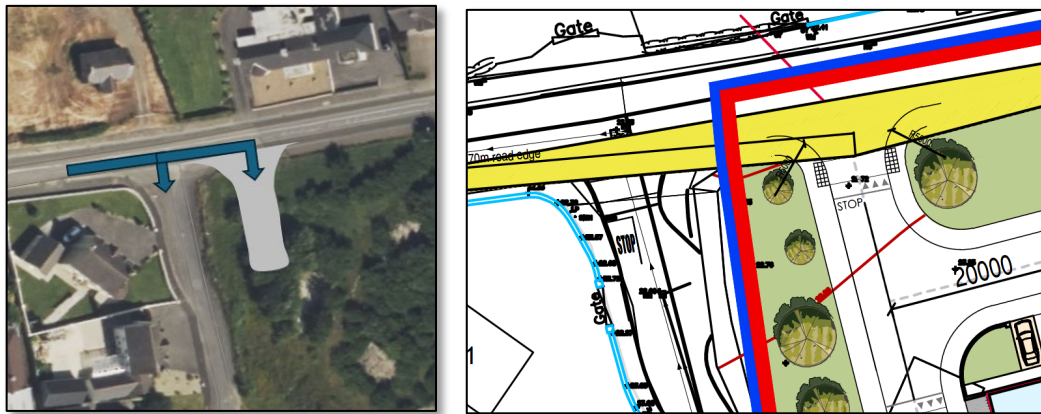


- 1.2 The audit team members were as follows:
- George Frisby, BE CEng MIEI  
Auditor Number GF51255
  - Adrian Gildea, BE MIEI  
Auditor Number AG7435152
- 1.3 Both audit team members visited the site on the 13<sup>th</sup> of December 2024. The audit comprised of an examination of the drawings relating to the scheme supplied by Donegal County Council and an examination of the site.
- 1.4 The speed limit at the proposed site exit is 50km/h.
- 1.5 This Stage 1 Audit has been carried out in accordance with the relevant sections of TII GE-STY-01024. The team has examined only those issues within the design relating to the road safety implications of the scheme and has therefore not examined or verified the compliance of the design to any other criteria.
- 1.6 All problems described in this report are considered by the audit team to require action in order to improve the safety of the scheme and minimise accident occurrence.
- 1.7 Appendix A contains copies of the audited drawings.

## 2. STAGE 1 AUDIT

### 2.1 **Problem:** Driver Confusion **Location:** Accessing the Development

The proposed access road is immediately adjacent to the access for Meadowfield Manor. Drivers wishing to access the Ballyhaskey Development may become confused with both entrances being so close to each other. These may contribute to sudden manoeuvres resulting in rear end shunt collisions. In addition, a vehicle stopped waiting to exit one access may obstruct visibility for motorists exiting the adjacent access point. This may contribute to a turning collision at this location.



**Recommendation:** Revise the location of the proposed access as necessary to reduce the risk of driver confusion and restricted visibility splays at the existing and proposed access points.

### 2.2 **Problem:** Visibility Splays **Location:** Exiting the Development

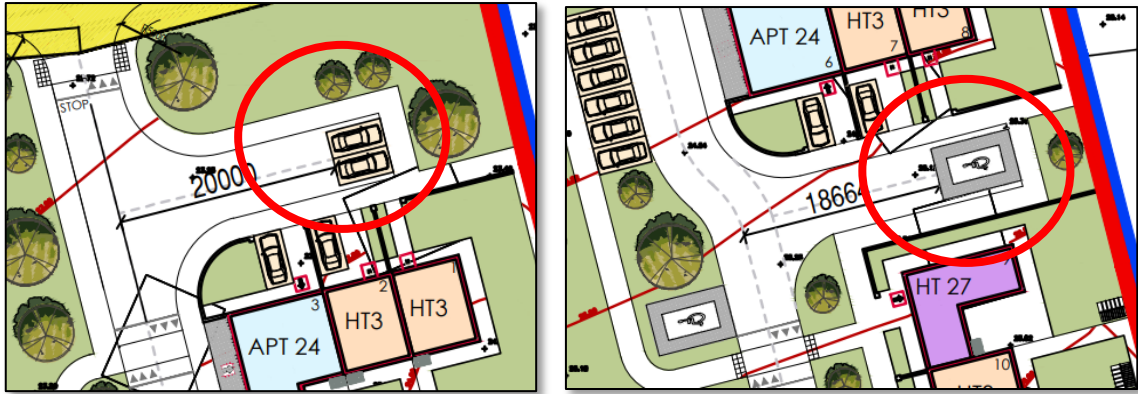
Visibility splays are indicated on the exit from the development. The visibility splays are detailed on the drawing crossing a landscaped area where trees, shrubs etc. are proposed. Over time, excessive growth coupled with a lack of ownership/maintenance may result in visibility splays being reduced. This may contribute to collisions when vehicles are exiting the junctions.



**Recommendation:** Ensure that trees & shrubbed areas are not incorporated within the extents of the visibility splays.

2.3 **Problem:** Reversing from Cul-de-sacs  
**Location:** Adjacent to House No. 1 and 8

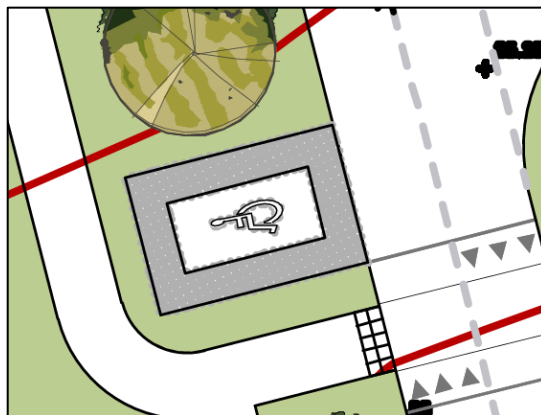
The design drawing indicates parking bays at the end of cul-de-sacs adjacent to house No. 1 and 8. The position and layout of these bays may result in a motorist having to reverse into or out of the bay over a substantial distance. Such a manoeuvre may increase collision risk within the proposed development.



**Recommendation:** Ensure that the layout of parking bays does not lead to motorists reversing over long distances when entering or exiting.

2.4 **Problem:** Disabled Parking Access  
**Location:** Across from No. 9

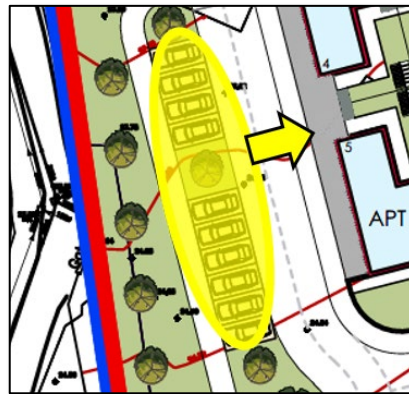
A disabled car parking space is located at the western side of the access road, however access to the footpath from the bay is across a grassed area. Mobility impaired pedestrians using these car parking spaces will have to travel through the grassed area where they may be a likelihood of slips and fall or across the access road where they will be at an increased risk of being struck by a passing vehicle



**Recommendation:** Ensure disabled motorists can safely access the footpaths from the disabled parking bay.

**2.5 Problem:** Pedestrians Crossing at Unsafe Locations**Location:** Western Side of the Access Road

A pedestrian crossing is proposed at house no. 3, however, the location of the crossing does not cater for the desired route of pedestrians who are parking on the western side of the access road. A lack of crossing facilities to cater for pedestrian desire lines may lead to pedestrians crossing at full height kerb/unsafe locations. This may increase the risk of pedestrian and vehicle collisions.



**Recommendation:** Revise the location of the pedestrian crossings at this location to ensure that the desired line for pedestrians is catered for.

**2.6 Problem:** Pedestrian/Motorist Intervisibility**Location:** House No. 15

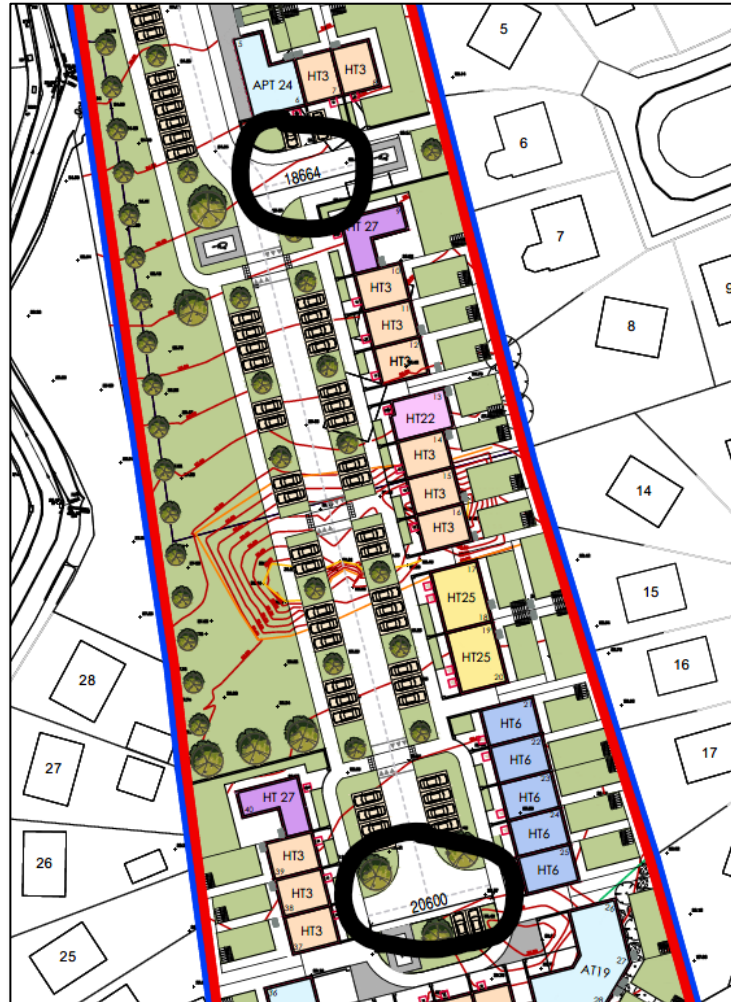
A pedestrian crossing is indicated adjacent to house number 15. Car parking bays are indicated either side of the crossing. When vehicles are parked in these bays, it is unclear whether adequate inter-visibility is provided between motorists approaching the pedestrian crossing and pedestrians stopped waiting to cross. While this pedestrian crossing has particularly been highlighted, inter-visibility may also be similarly restricted at other pedestrian crossing locations.



**Recommendation:** Ensure that adequate inter-visibility splays are provided at all pedestrian crossing locations.

2.7 **Problem:** Reversing Large Vehicles  
**Location:** Throughout

While the access road for the development is long and straight, the turning head at the southern end of the site appears narrow. Larger vehicles such as refuse trucks that enter the development, may not be able to turn. This may result in them reversing over long distances where there would be an increased risk of collisions.



**Recommendation:** Carry out swept path analysis to ensure the current design can cater for larger vehicles.

2.8 **Problem:** Cycling Facilities  
**Location:** Throughout

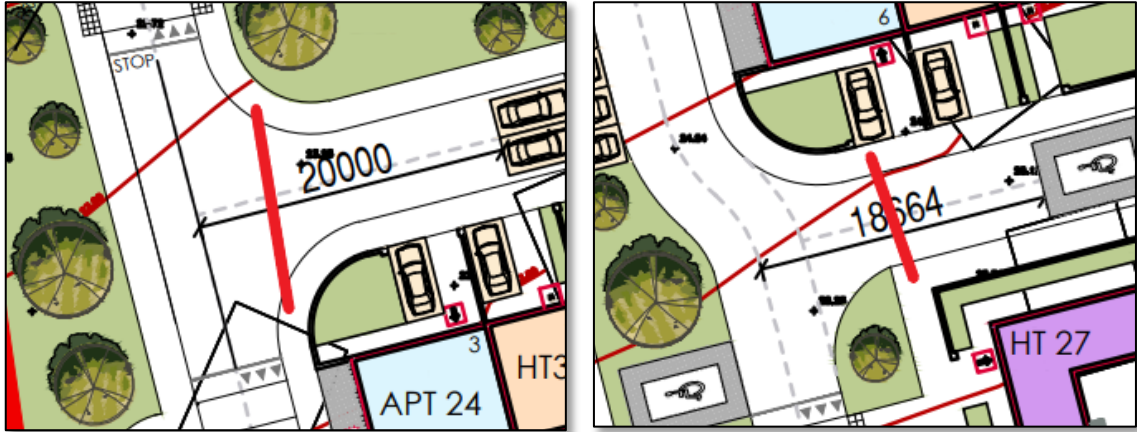
The design drawings do not show specific cycling facilities or shared surfaces, and there seems to be no clear routing for cyclists. This could lead to cyclists using footpaths that are inappropriate for biking, increasing the risk of collisions between pedestrians and cyclists

**Recommendation:** Ensure there is provision with the design for cyclists.



**2.9 Problem: Pedestrians Crossing at Unsafe Locations****Location:** Adjacent to House No. 3 and 6

A pedestrian footpath is indicated around the cul-de-sacs; however, its placement does not align with the preferred path for pedestrians. Insufficient crossing facilities along pedestrian desire lines could result in individuals crossing at full-height kerbs or unsafe areas.



**Recommendation:** Revise the layout of the footpaths to ensure that the desired crossing line for pedestrians is catered for.

**2.10 Problem: Drainage and Site Runoff****Location:** Throughout

The design drawings do not indicate a proposed drainage system. The natural topography of the ground indicates a decline from the south of the site to the north. Surface water from the development will flow towards the main entrance and onto the L2501 road. In times of prolonged or heavy rain, flowing water may cause cyclists or motorists to make sudden manoeuvres resulting in collisions.



**Recommendation:** Ensure adequate surface drainage is provided as part of the development.

2.11 **Problem:** Street Lighting  
**Location:** Throughout

No public lighting is indicated on the design drawings. Road safety would be enhanced with the provision of street lighting.

**Recommendation:**

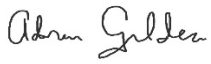
Ensure adequate street lighting is provided throughout the development.

**3. AUDIT TEAM STATEMENT**

3.1 We certify that we have examined the drawings listed in Appendix A and have inspected the site. This examination has been carried out with the sole purpose of identifying any features of the scheme that could be removed or modified to improve the safety of the scheme.

Signed.....  ..... George Frisby

Date .....20<sup>th</sup> December 2024.....

Signed.....  ..... Adrian Gildea

Date .....20<sup>th</sup> December 2024.....

#### 4. SAFETY AUDIT FEEDBACK FORM

**Scheme:** Residential Development at Ballyhaskey, Newtowncunningham, Co. Donegal

**Document Number:** 24250-01-001

**Audit Stage:** Stage 1 RSA

**Date Audit Completed:** 19<sup>th</sup> December 2024

Paragraph No. in Safety Audit Report	To Be Completed By Designer			To Be Completed by Audit Team Leader
	Problem accepted (yes/no)	Recommended measure Accepted (yes/no)	Describe alternative measure(s). Give reasons for not accepting recommended measure. Only complete if recommended measure is not accepted.	Alternative measures or reasons accepted by auditors (yes/no)
2.1	Yes	Yes	-----	-----
2.2	Yes	Yes	-----	-----
2.3	Yes	Yes	-----	-----
2.4	Yes	Yes	-----	-----
2.5	Yes	Yes	-----	-----
2.6	Yes	Yes	-----	-----
2.7	Yes	No	The proposed turning heads have been designed based on the guidance provided in Recommendations for Site Development Works for Housing Areas issued by the Department of the Environment and Local Government. Turning heads designed to meet the minimum requirements outlined in this document will be deemed to provide adequate turning area for Vehicles up to the size of a Furniture Removal lorry without the necessity to carry out a swept path analysis as confirmed in email dated 07/02/25.	Yes
2.8	Yes	Yes	Cycling facilities provided in accordance with Section 2.4 & table 2.1 of the Cycle Design Manual.	-----
2.9	Yes	Yes	-----	-----
2.10	Yes	Yes	-----	-----
2.11	Yes	Yes	-----	-----

Safety Audit  
Signed off

*JENNIFER FISHER*

Design Team Leader

Print Name JENNIFER FISHER

Date 17.02.2025

Safety Audit  
Signed off

*Claire Burke*

Employer

*ON BEHALF OF DONEGAL  
COUNTY COUNCIL*

Print Name

*CLAIRE BURKE*

Date

*17/02/25*

Safety Audit  
Signed off

*George Frisby*

Audit Team Leader

Print Name

*George Frisby*

Date

*19/2/2025*

Please complete and return to:

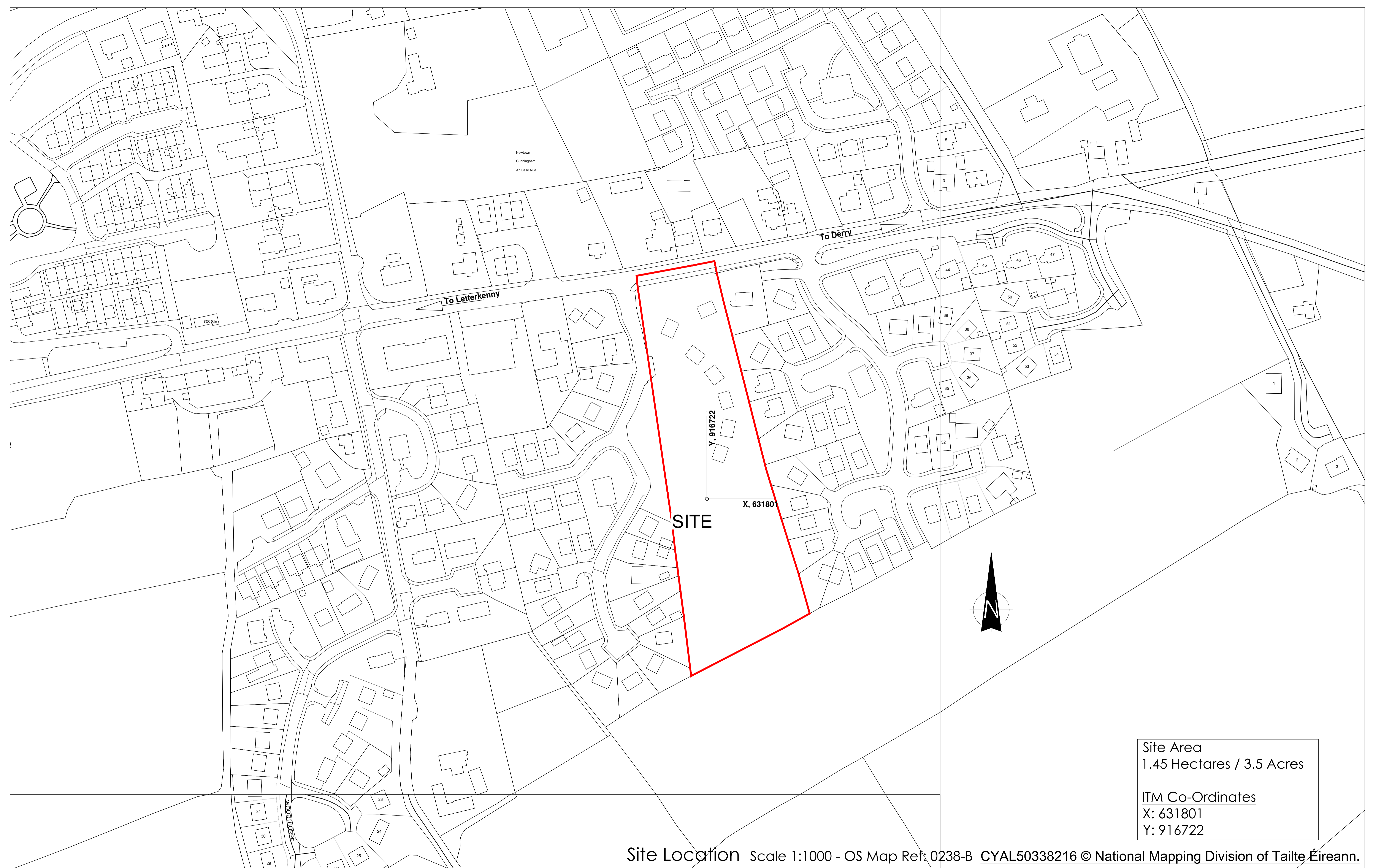
Roadplan Consulting,  
7, Ormonde Road  
Kilkenny  
E-mail: [info@roadplan.ie](mailto:info@roadplan.ie)

## APPENDIX A

### List of Drawings Examined

The following drawings have been provided electronically in PDF format by Donegal County Council are appended.

Drawing Number	Rev	Drawing Title
HCI 0324 SK-07		Proposal Site Layout 3
HCI 0324 P-001		Survey Location – Site Location Map



Site Area  
1.45 Hectares / 3.5 Acres

ITM Co-Ordinates  
X: 631801  
Y: 916722

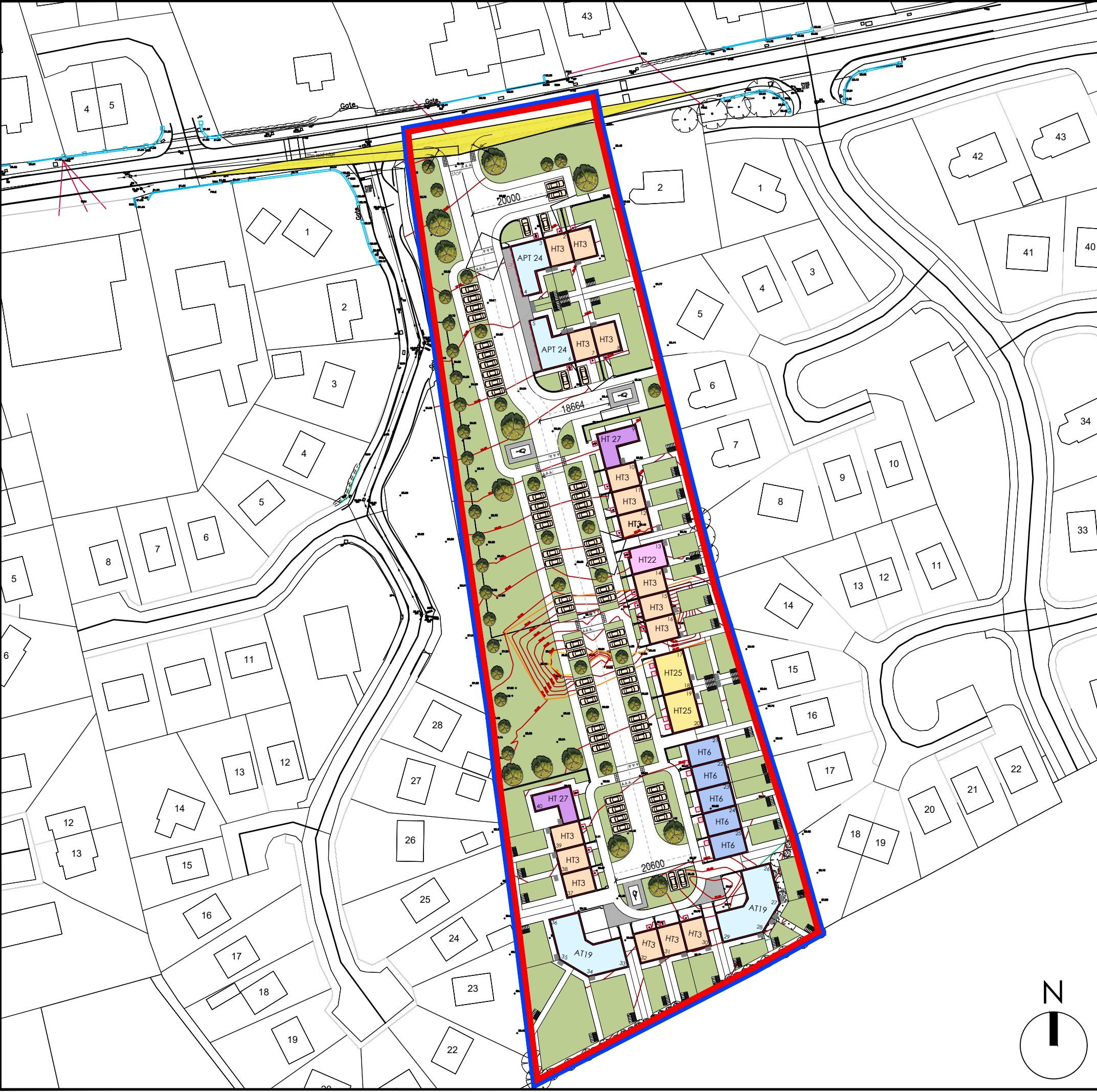
Site Location Scale 1:1000 - OS Map Ref: 0238-B CYAL50338216 © National Mapping Division of Tailte Éireann.

NOTES	REVISION	DATE	DESCRIPTION	BY
	00		ISSUED FOR INFORMATION	

DRAWING			
SURVEY LOCATION			
SCALE 1:1000	DRAWN JF	CHECKED JF	DATE August 2024
PROJECT NO. HCI 0324	DRAWING NO. P-001	REVISION 00	

PROJECT NAME & LOCATION	
Proposed Housing Development at Ballyhaskey, Newtowncunningham, Co. Donegal	
DRAWING STATUS	
INFORMATION	

Do not scale this drawing. All dimensions in millimetres. Written dimensions to be checked on site. Electronic issue to be confirmed by paper copy only.



<b>2no.</b>  <b>House Type 25</b> 2 no. 1 Bed Apt 2 Person	<b>5no.</b>  <b>House Type 6</b> 3 Bed House 5 Person	<b>2no.</b>  <b>House Type 27</b> 3 Bed House 6 Person	<b>1no.</b>  <b>House Type 22</b> 4 Bed House 7 Person
<b>2no.</b>  <b>Apt type 19</b> 4 x 2 Bed Apt/ 3 person	<b>2no.</b>  <b>Apt type 24</b> 2 x 2 Bed Apt/ 3 Person	<b>16no.</b>  <b>House Type 3</b> 2 Bed House 4 Person	

**TOTAL: 40 UNITS**

SITE BOUNDARY OUTLINED IN RED AREA APPROX. 14,541m <sup>2</sup> (1.45HA)	
LAND IN DONEGAL COUNTY COUNCIL OWNERSHIP	
ITM CO-ORDINATES : X(E) 631801 , Y(N) 916722	Density = 27.5 per Hectare Green Space = 24% Total Units = 40

**Schedule of Accommodation:**

1 Bedroom Apartment	4No.	(10%)
2 Bedroom Apartment	12No.	(30%)
2 Bed House	16No.	(40%)
3 Bed House	7No.	(17%)
4 Bed House	1No.	(3%)
<b>Total:</b>	<b>40 No. Units</b>	

**Car Parking Requirement: (Table 6 Appendix 3):**

Dwelling Type	Reg.	Units	Req.
House	1.5	24	36
1 Bed Apt	1.25	4	5
2 Bed Apt	1.5	12	18
<b>Total Number Required</b>			<b>59</b>
(No. of additional Accessible spaces provided 3)			
<b>Total Number Provided</b>			<b>59</b>

**Revisions**

Rev:	Date:	Details:
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**Donegal County Council**  
Architects Office

**Comhairle Contae**  
**Dhún na nGall**  
Donegal County Council

DCC Tel: 074 9153900 | DCC Fax: 074 9172812

**SKETCH**

**Project:**  
BALLYHASKEY  
NEWTOWNCUNNINGHAM  
CO. DONEGAL

**Drawing Title:**  
  
**PROPOSAL  
SITE LAYOUT 3**

**Drawing No:** SK-07

Date: 18.11.24	Scale: 1:1000 @ A3
Drawn / Checked by: JF	Job No: HC1 0324