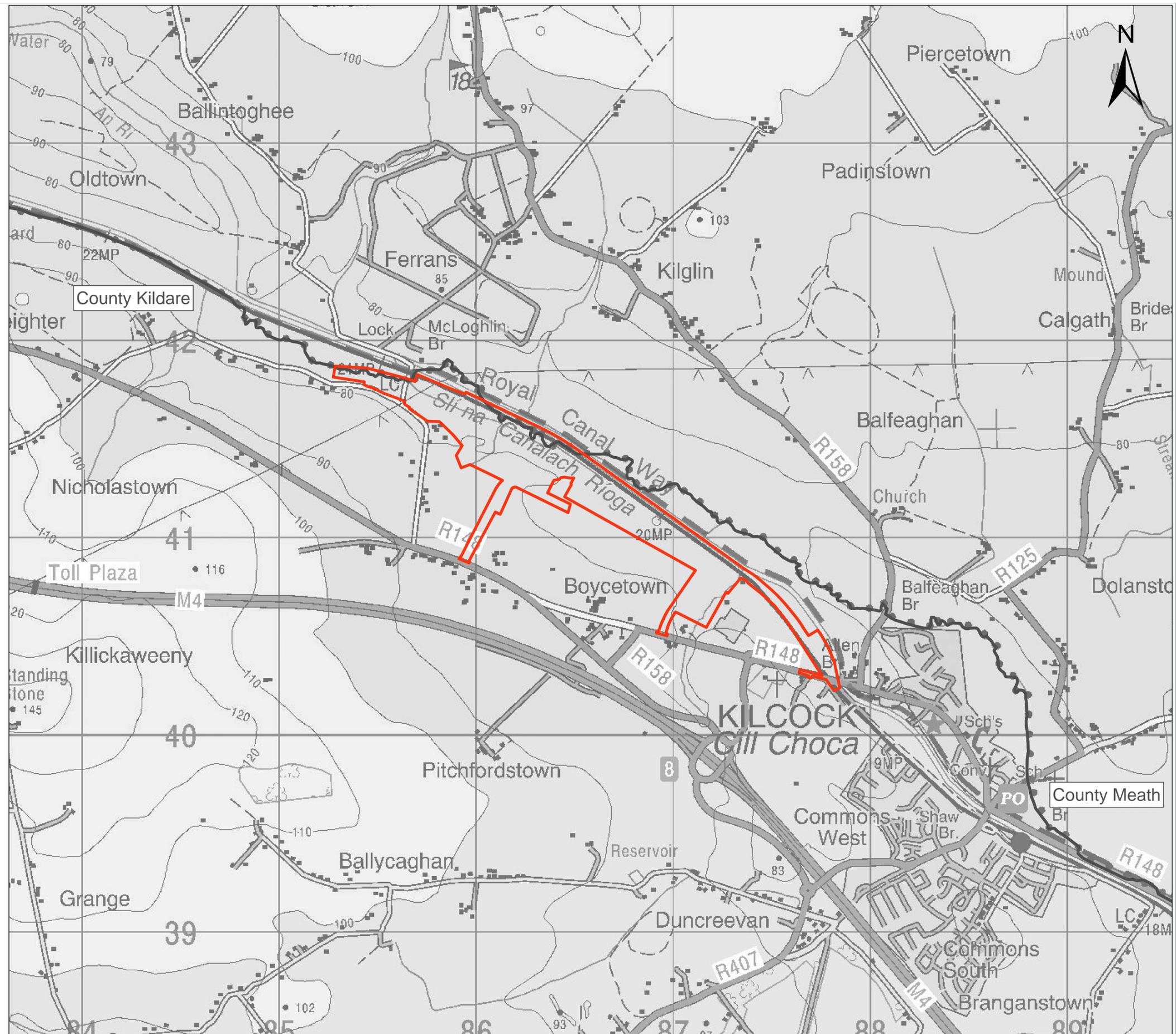
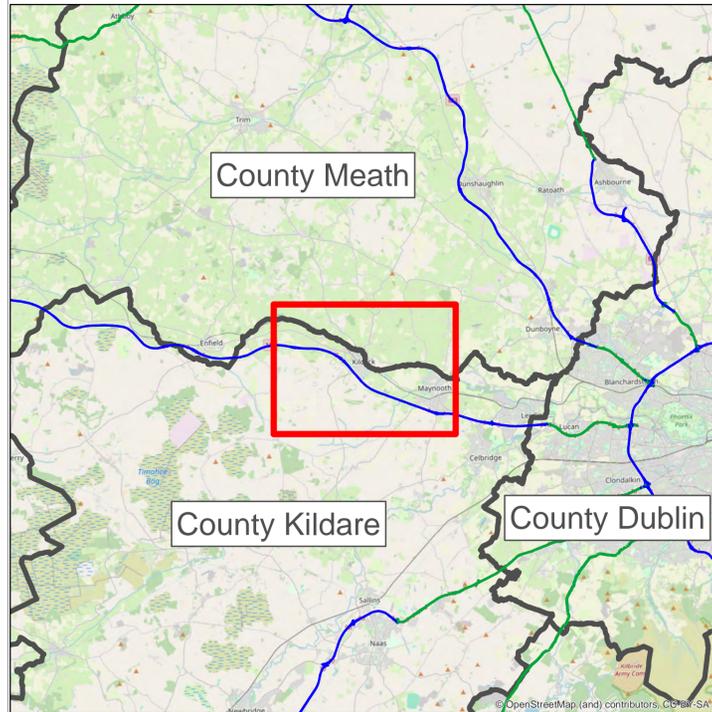


Table of Contents

Drawing Title	Drawing Number
Option Selection - Kilcock West Site 3	
Option Selection - Kilcock West Site 3 - Location Plan	DART-DEP-001-DR-ROD-EN-2001-V01
Option Selection - Kilcock West Site 3 - Road & Public Transport Network	DART-DEP-001-DR-ROD-EN-2002-V01
Option Selection - Kilcock West Site 3 - European Sites within the Zone of Influence	DART-DEP-001-DR-ROD-EN-2003-V01
Option Selection - Kilcock West Site 3 - Nationally Designated Sites within the Zone of Influence	DART-DEP-001-DR-ROD-EN-2004-V01
Option Selection - Kilcock West Site 3 - Geomorphological Features Map	DART-DEP-001-DR-ROD-EN-2005-V01
Option Selection - Kilcock West Site 3 - Bedrock Geology	DART-DEP-001-DR-ROD-EN-2006-V01
Option Selection - Kilcock West Site 3 - Aquifer Bedrock & Karst Features	DART-DEP-001-DR-ROD-EN-2007-V01
Option Selection - Kilcock West Site 3 - Quaternary Geology & Supply Source Protection Areas	DART-DEP-001-DR-ROD-EN-2008-V01
Option Selection - Kilcock West Site 3 - Groundwater Vulnerability	DART-DEP-001-DR-ROD-EN-2009-V01
Option Selection - Kilcock West Site 3 - Teagasc Soils	DART-DEP-001-DR-ROD-EN-2010-V01
Option Selection - Kilcock West Site 3 - Catchments, River Waterbodies & Lakes	DART-DEP-001-DR-ROD-EN-2011-V01
Option Selection - Kilcock West Site 3 - Flood Extent Mapping	DART-DEP-001-DR-ROD-EN-2012-V01
Option Selection - Kilcock West Site 3 - Sheet Layout	DART-DEP-001-DR-ROD-EN-2013-V01
Option Selection - Kilcock West Site 3 - Cultural Heritage - Sheet 1 of 2	DART-DEP-001-DR-ROD-EN-2014-V01
Option Selection - Kilcock West Site 3 - Cultural Heritage - Sheet 2 of 2	DART-DEP-001-DR-ROD-EN-2015-V01
Option Selection - Kilcock West Site 3 - Key Agricultural Constraints - Sheet 1 of 2	DART-DEP-001-DR-ROD-EN-2016-V01
Option Selection - Kilcock West Site 3 - Key Agricultural Constraints - Sheet 2 of 2	DART-DEP-001-DR-ROD-EN-2017-V01
Option Selection - Kilcock West Site 3 - Local Amenities - Sheet 1 of 2	DART-DEP-001-DR-ROD-EN-2018-V01
Option Selection - Kilcock West Site 3 - Local Amenities - Sheet 2 of 2	DART-DEP-001-DR-ROD-EN-2019-V01
Option Selection - Kilcock West Site 3 - Land Use Designations - Sheet 1 of 2	DART-DEP-001-DR-ROD-EN-2020-V01
Option Selection - Kilcock West Site 3 - Land Use Designations - Sheet 2 of 2	DART-DEP-001-DR-ROD-EN-2021-V01



Legend:
 Study Area of Kilcock West Site 3 Option
 County Boundaries

REV.	DATE	Option Selection DESCRIPTION	LA	YB	BC
V01	March 2026				

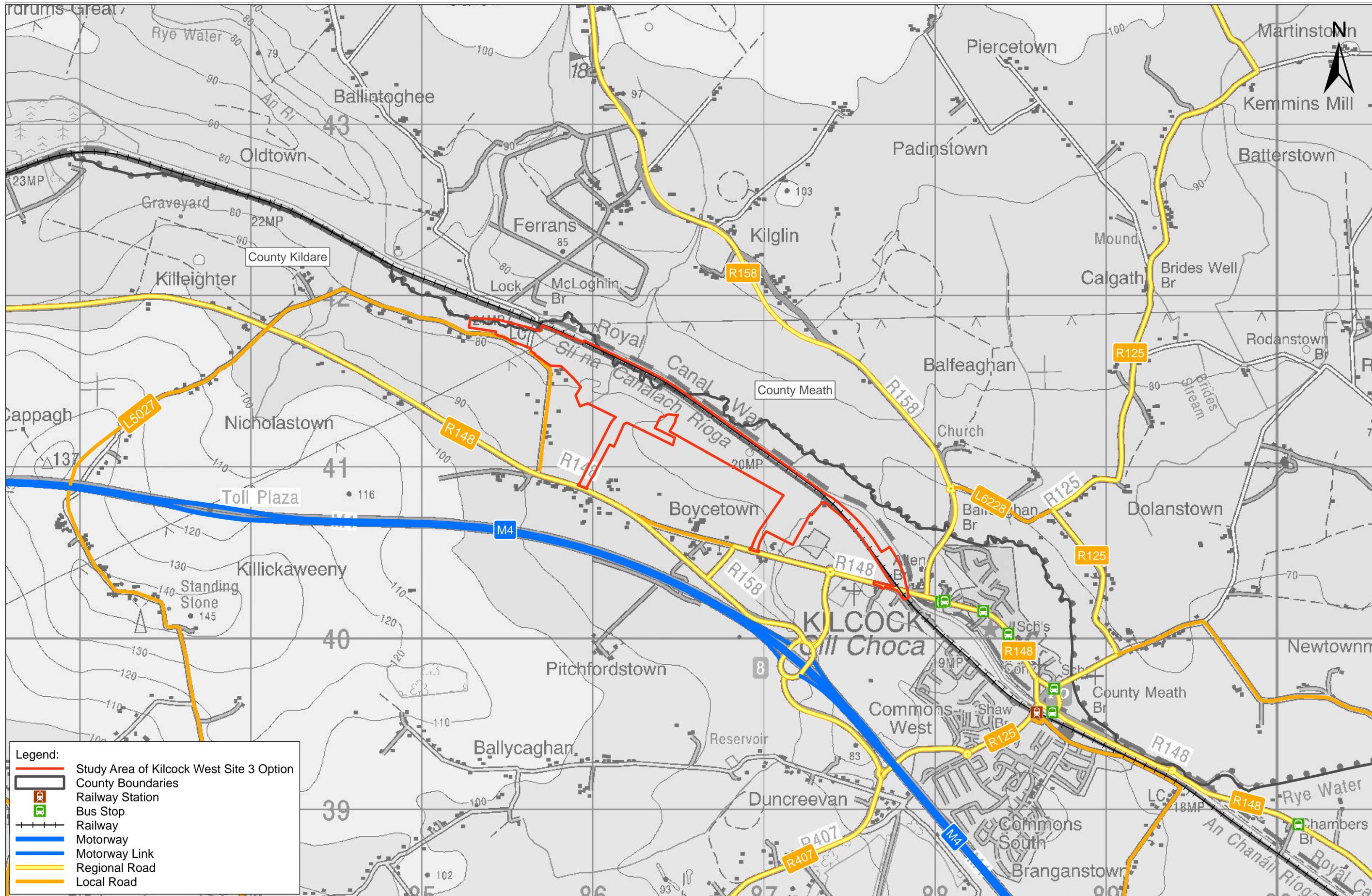
© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland".
 Survey No. 0029776 (OS Aerial Data or OS LiDAR Data) & Survey No. 20211058 (SMA, 100 (OS Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Drawing Title: OPTION SELECTION KILCOCK WEST SITE 3 LOCATION PLAN

Scale: 1:10,000 @ A1

Drawing Number: DART DEP 001 DR ROD EN 2001

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



Legend:

- ▬ Study Area of Kilcock West Site 3 Option
- County Boundaries
- Railway Station
- Bus Stop
- + + + + Railway
- ▬ Motorway
- ▬ Motorway Link
- ▬ Regional Road
- ▬ Local Road

REV.	DATE	DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			
			PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland".
 Survey No. 0029776 (OS Aerial Data or OS LiDAR Data) & Survey No. 0021105 (SMA, 1:50 (OS Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Consultant

National Transport Authority

Irish Rail

DART+ West

DART+ Depot

Project

Drawing Title

OPTION SELECTION
KILCOCK WEST SITE 3
ROAD & PUBLIC TRANSPORT NETWORK

Scale:

1:110,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 001 DR ROD EN 2002

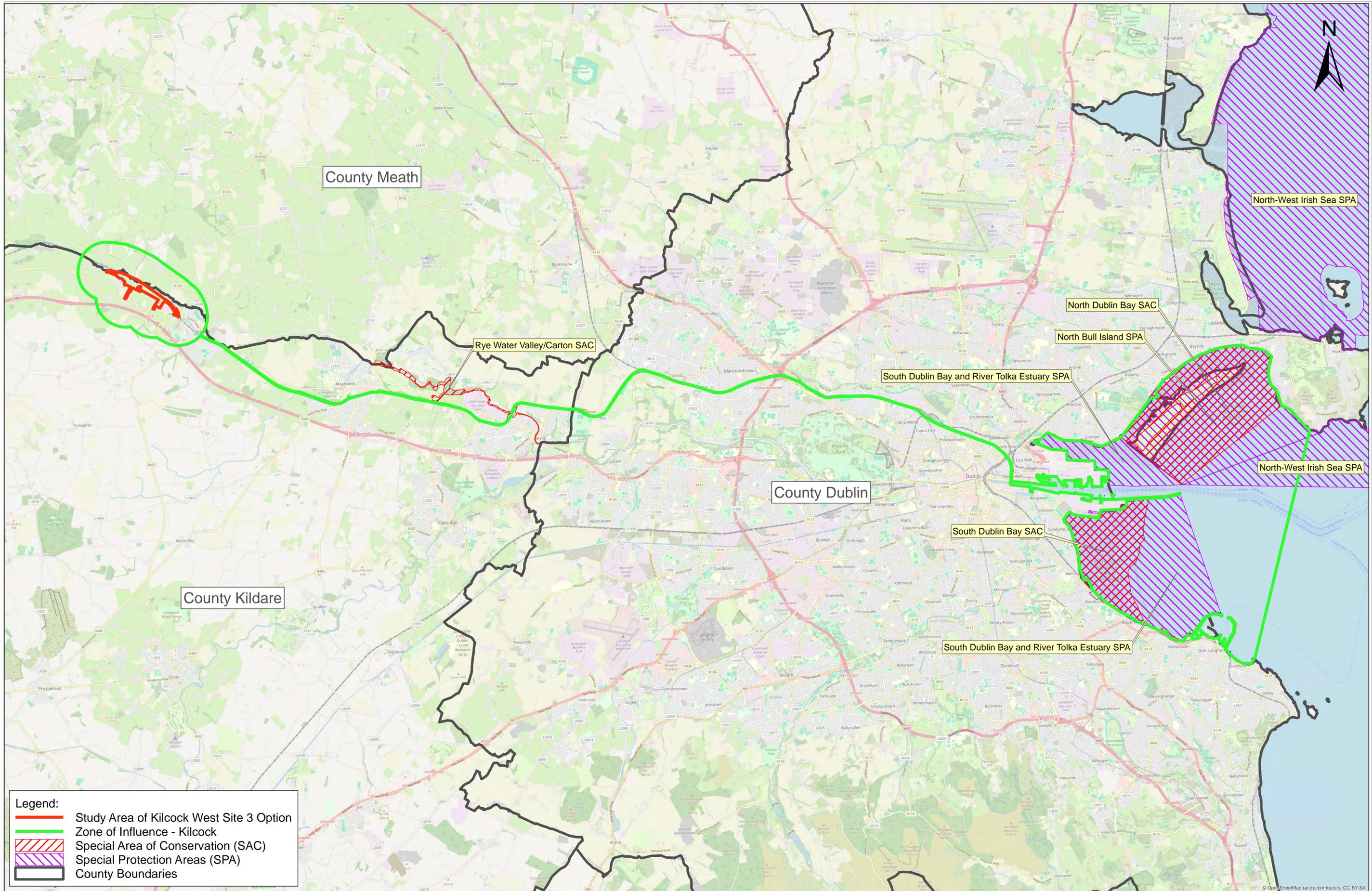
Date: March 2026

Job No: 24.129

Status: OPTION SELECTION

Version: V01

Sheet: 1 of 1



Legend:

- Study Area of Kilcock West Site 3 Option
- Zone of Influence - Kilcock
- Special Area of Conservation (SAC)
- Special Protection Areas (SPA)
- County Boundaries

V01	March 2026	Option Selection	LA	YB	BC
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. 0029770 (OS Aerial Data or OSi Lidar Data) & Survey No. 2011056 (NMA, 1:50 (OSi Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Main Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Project

Drawing Title

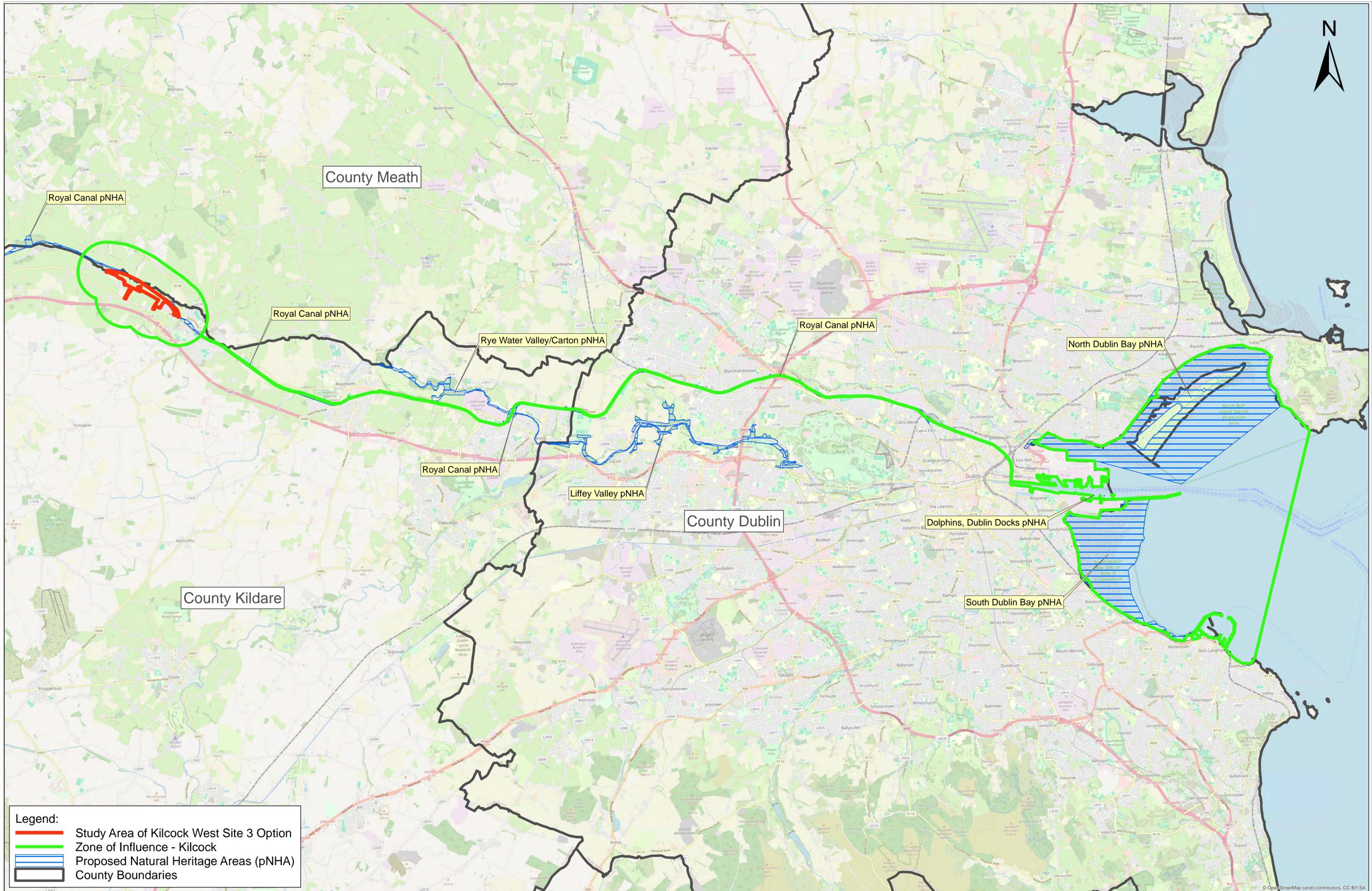
OPTION SELECTION - KILCOCK WEST SITE 3 EUROPEAN SITES WITHIN THE ZONE OF INFLUENCE

Scale: 1:60,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 001 DR ROD EN 2003

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



Legend:

- Study Area of Kilcock West Site 3 Option
- Zone of Influence - Kilcock
- Proposed Natural Heritage Areas (pNHA)
- County Boundaries

V01	March 2026	Option Selection	LA	YB	BC
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0029770 (OS Aerial Data or OS LiDAR Data) & Survey No. 2011006 (NMA, 100 (OS Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Tionascadal Éireann
Project Ireland
2040

NTA
Údaráis Náisiúnta Iompartha
National Transport Authority

Iarnród Éireann
Irish Rail

DART+
West

Consultant

IDOM

PROD
ROUGHAN & O'DONOVAN

Project

DART+
Depot

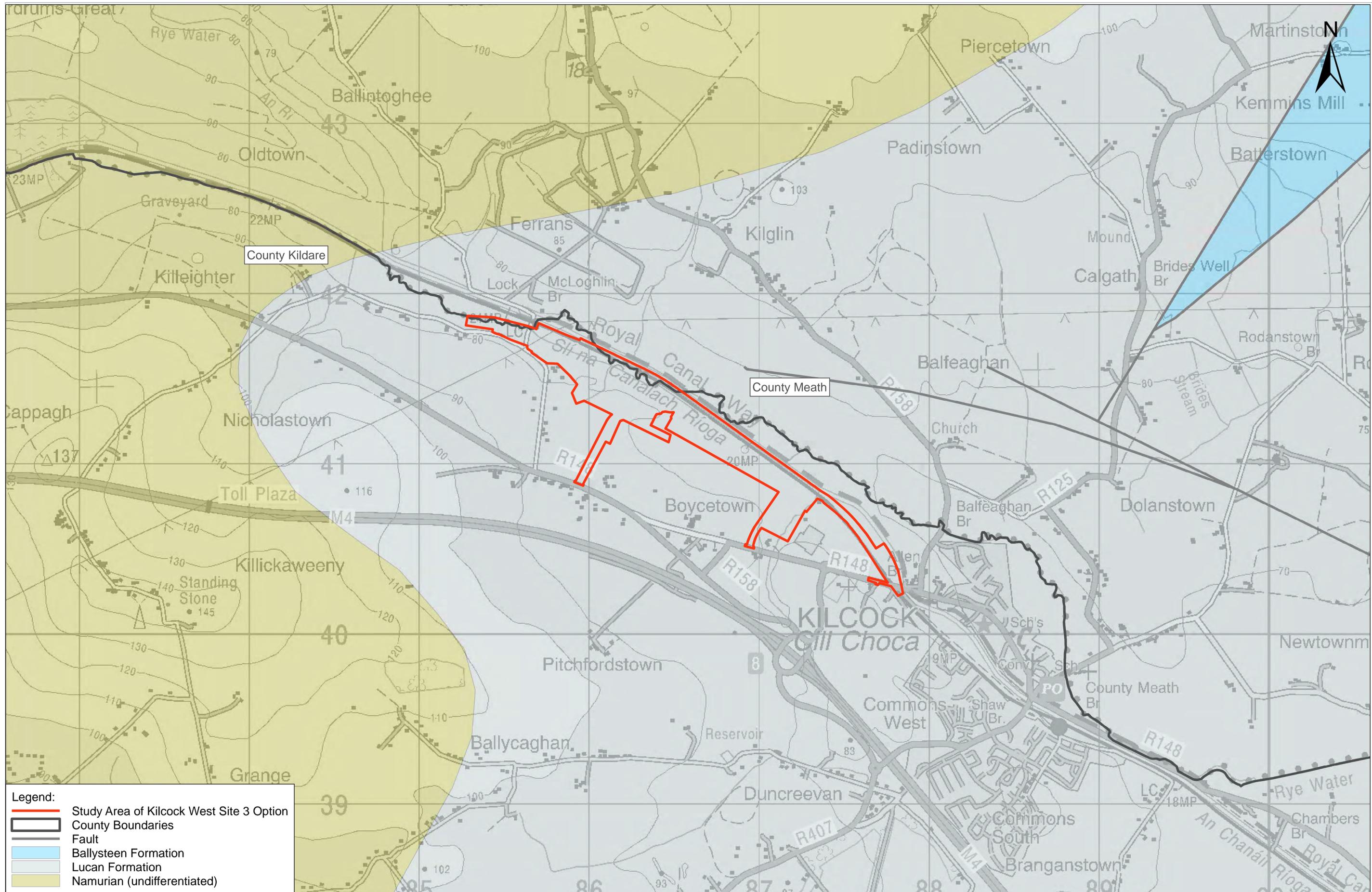
Drawing Title

**OPTION SELECTION - KILCOCK WEST SITE 3
NATIONALLY DESIGNATED SITES
WITHIN THE ZONE OF INFLUENCE**

Scale:
1:60,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number
 DART DEP 001 DR ROD EN 2004

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



Legend:

- ▬ Study Area of Kilcock West Site 3 Option
- County Boundaries
- Fault
- Ballysteen Formation
- Lucan Formation
- Namurian (undifferentiated)

REV.	DATE	DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			
			PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland".
 Survey No. 0029726 (OS Aerial Data or OSi Laser Data) & Survey No. 00211056 (NSA, 1:50 (OSi Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

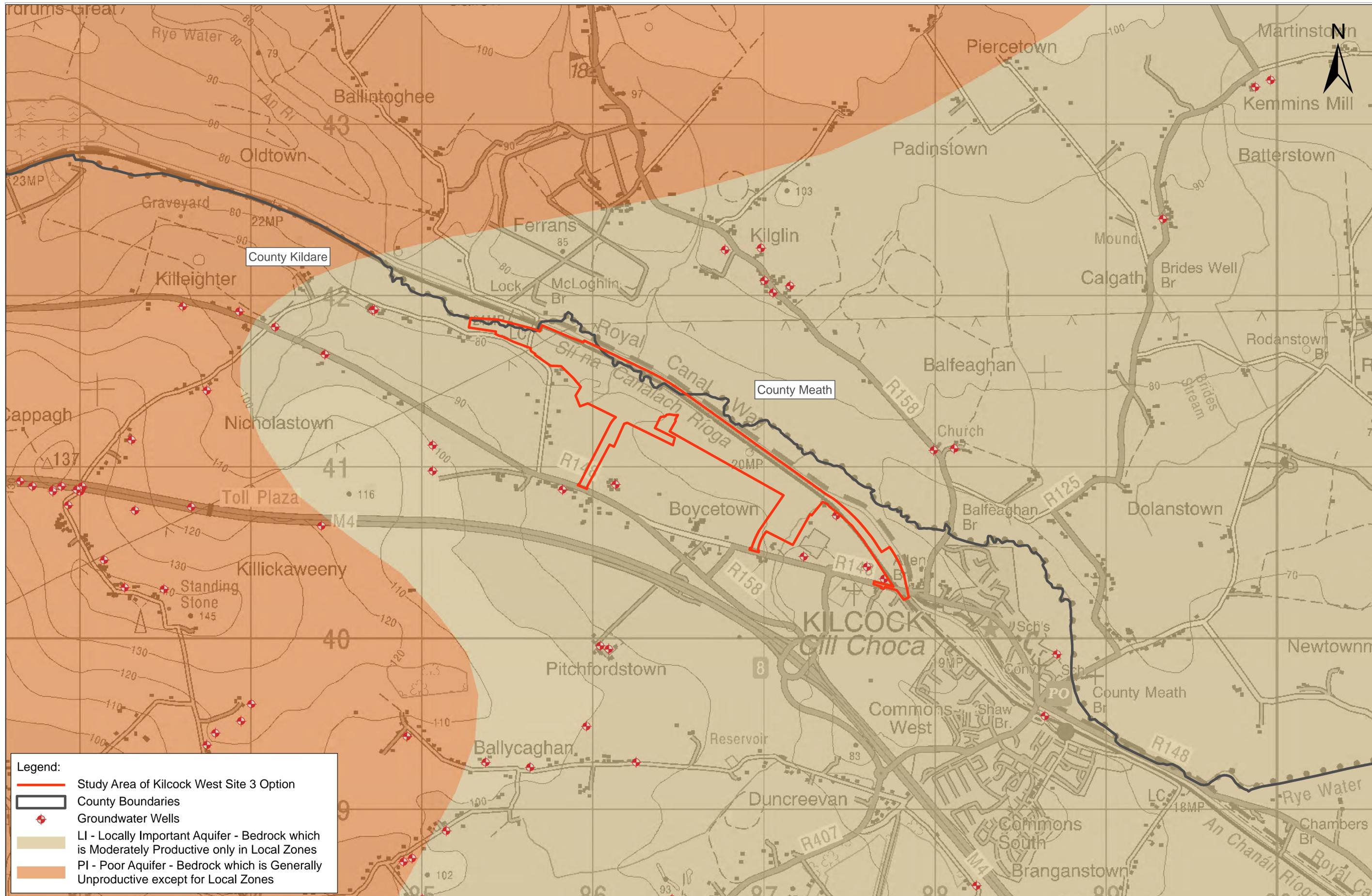
Consultant

Project

Drawing Title

**OPTION SELECTION
KILCOCK WEST SITE 3
BEDROCK GEOLOGY**

Scale: 1:110,000 @ A1	Drawing Number DART DEP 001 DR ROD EN 2006	Project Subproject Element or System Type Originator Project Role Number DART DEP 001 DR ROD EN 2006	Date: March 2026	Job No: 24.129	Status: OPTION SELECTION	Version: V01	Sheet: 1 of 1
--------------------------	---	---	------------------	----------------	--------------------------	--------------	---------------



Legend:

- ▬ Study Area of Kilcock West Site 3 Option
- County Boundaries
- ◆ Groundwater Wells
- LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones
- PI - Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones

REV.	DATE	DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0029776 (OS Aerial Data or OS LiDAR Data) & Survey No. 0011056 (MMA, 1:50 (OS) Vector Data).
 All elevations are in metres and relate to OSI Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSI active GPS station Tallaght College (TLLG).

Consultant

Project

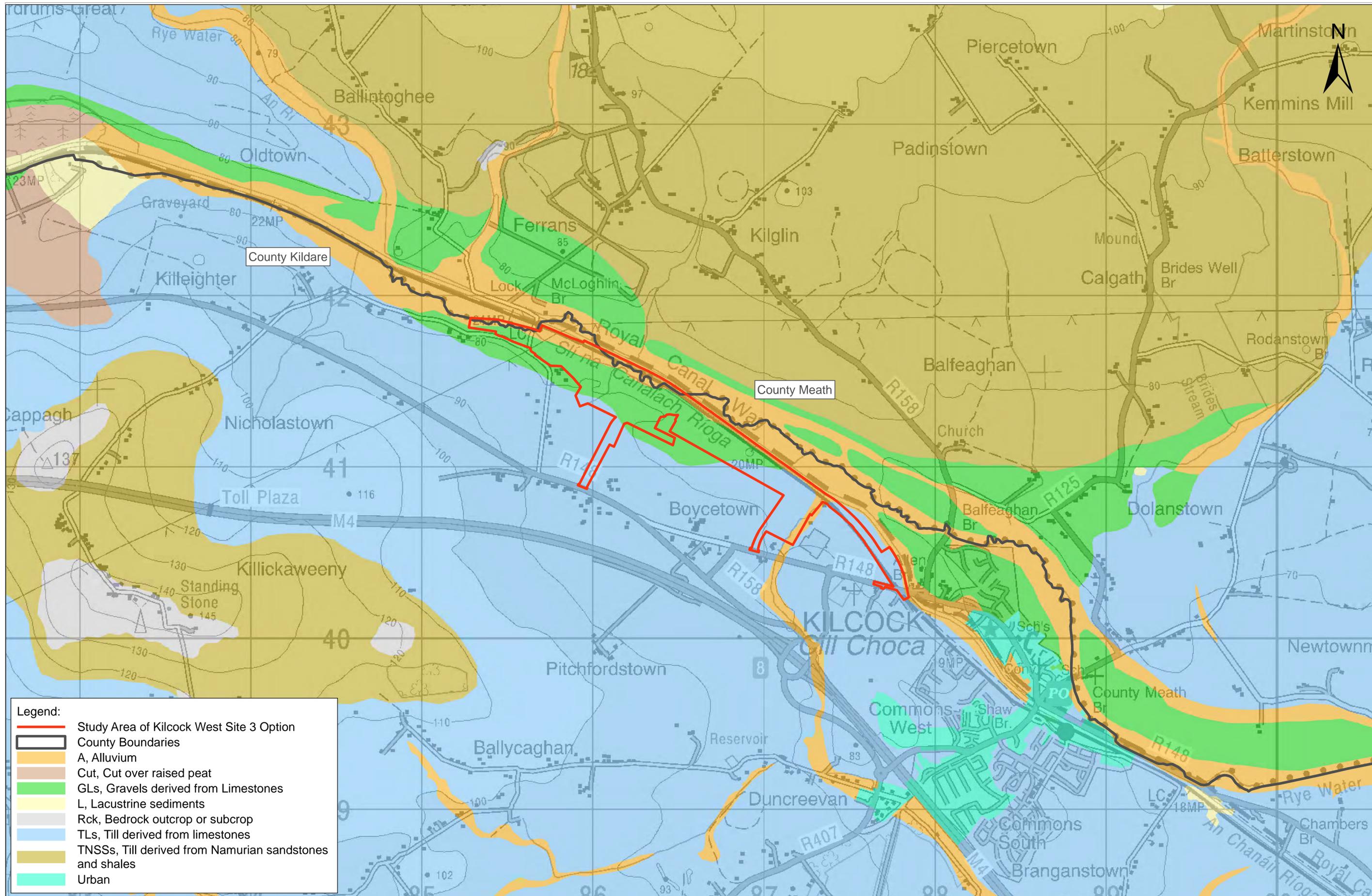
Drawing Title

**OPTION SELECTION
KILCOCK WEST SITE 3
AQUIFER BEDROCK & GROUNDWATER WELLS**

Scale: 1:10,000 @ A1

Drawing Number	Project	Subproject	Element or System	Type	Originator	Project Role	Number
DART DEP 001	DR	ROD	EN	2007			

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



Legend:

- ▬ Study Area of Kilcock West Site 3 Option
- County Boundaries
- A, Alluvium
- Cut, Cut over raised peat
- GLs, Gravels derived from Limestones
- L, Lacustrine sediments
- Rck, Bedrock outcrop or subcrop
- TLs, Till derived from limestones
- TNSSs, Till derived from Namurian sandstones and shales
- Urban

REV.	DATE	Option Selection DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			

PRODUCED BY: LA YB BC
 REVIEWED BY: YB BC
 APPROVED BY: BC

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0029726 (OS Aerial Data © OS) Laser Data © OS) Laser Data © OS) Survey No. 0011056 (SMA, 100 (OS) Vector Data).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Consultant

Project

Drawing Title

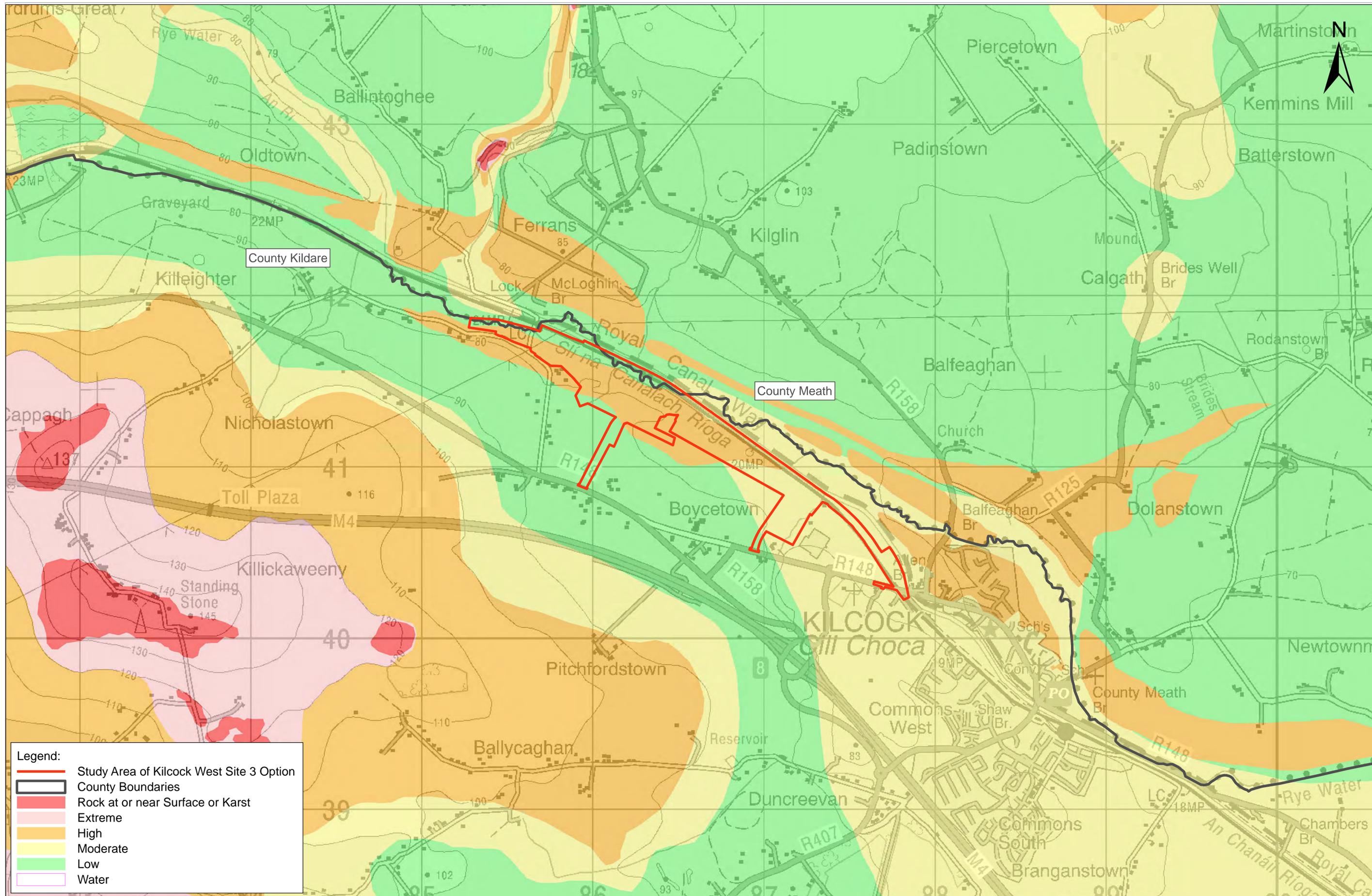
**OPTION SELECTION - KILCOCK WEST SITE 3
 QUATERNARY GEOLOGY &
 SUPPLY SOURCE PROTECTION AREAS**

Scale: 1:10,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 001 DR ROD EN 2008

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



Legend:

- Study Area of Kilcock West Site 3 Option
- County Boundaries
- Rock at or near Surface or Karst
- Extreme
- High
- Moderate
- Low
- Water

REV.	DATE	DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			
			PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0029726 (OS Aerial Data or OS LiDAR Data) & Survey No. 2021056 (NMA, 1:50 (OS Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Consultant

Project

Drawing Title

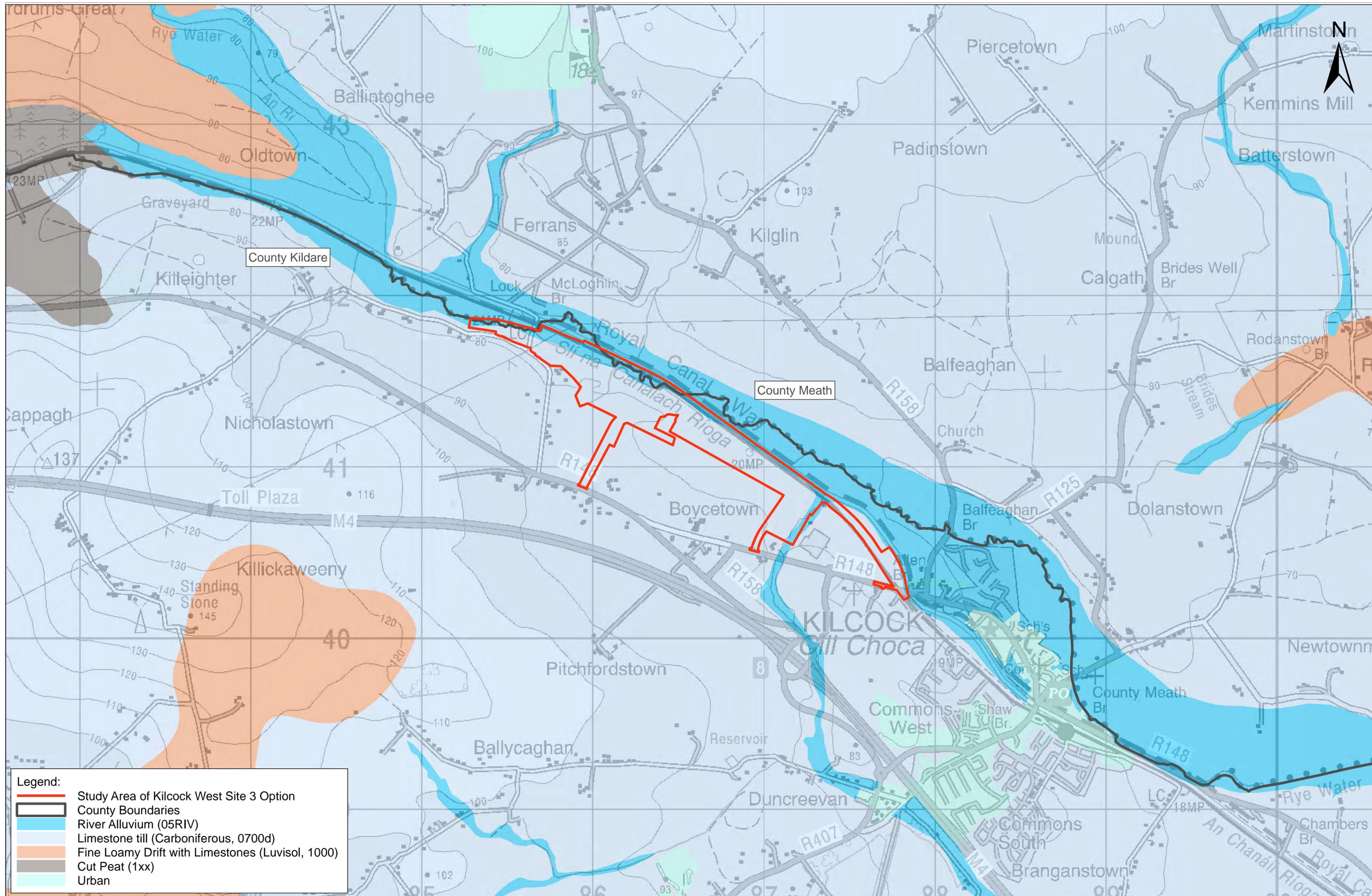
**OPTION SELECTION
KILCOCK WEST SITE 3
GROUNDWATER VULNERABILITY**

Scale: 1:10,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 001 DR ROD EN 2009

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



Legend:

- ▬ Study Area of Kilcock West Site 3 Option
- County Boundaries
- River Alluvium (05RIV)
- Limestone till (Carboniferous, 0700d)
- Fine Loamy Drift with Limestones (Luvisol, 1000)
- Cut Peat (1xx)
- Urban

REV.	DATE	DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			
			PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0029776 (OS Aerial Data or OSi Lidar Data) & Survey No. 0021056 (SMA, 1:50 (OSi Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Consultant

Project

Drawing Title

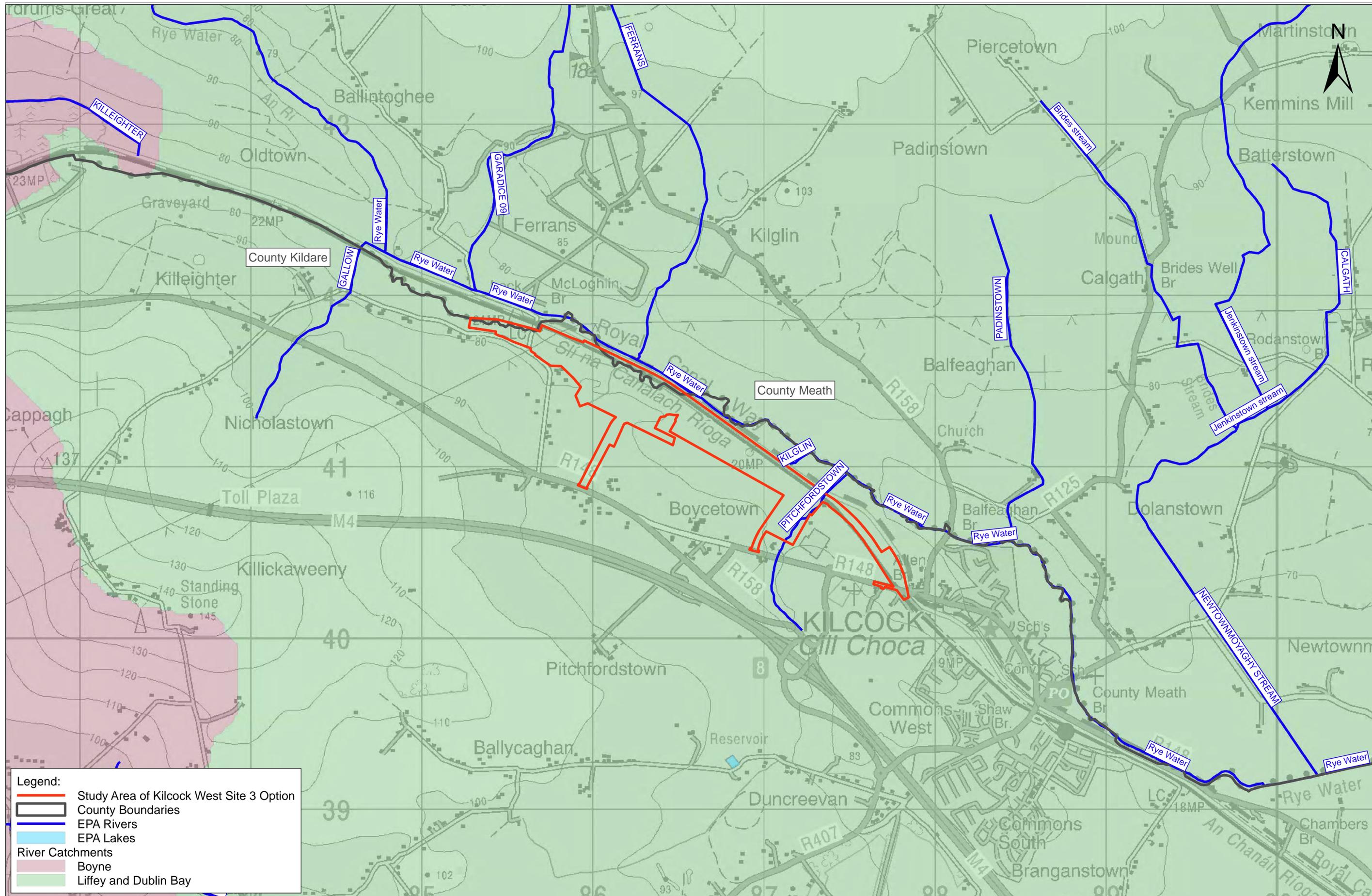
**OPTION SELECTION
KILCOCK WEST SITE 3
TEAGASC SOILS**

Scale: 1:10,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 001 DR ROD EN 2010

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1



REV.	DATE	DESCRIPTION	LA	YB	BC
V01	March 2026	Option Selection			
			PRODUCED BY	REVIEWED BY	APPROVED BY

© Irish Rail (2021). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
 © Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland"
 Survey No. 0029776 (OS Aerial Data or OSi Lidar Data) & Survey No. 2021056 (NSA, 1:50 (OSi Vector Data)).
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Consultant

Project

Drawing Title

**OPTION SELECTION
KILCOCK WEST SITE 3
CATCHMENTS, RIVER WATERBODIES & LAKES**

Scale: 1:110,000 @ A1

Drawing Number | Project | Subproject | Element or System | Type | Originator | Project Role | Number

DART DEP 001 DR ROD EN 2011

Date: March 2026 Job No: 24.129 Status: OPTION SELECTION Version: V01 Sheet: 1 of 1