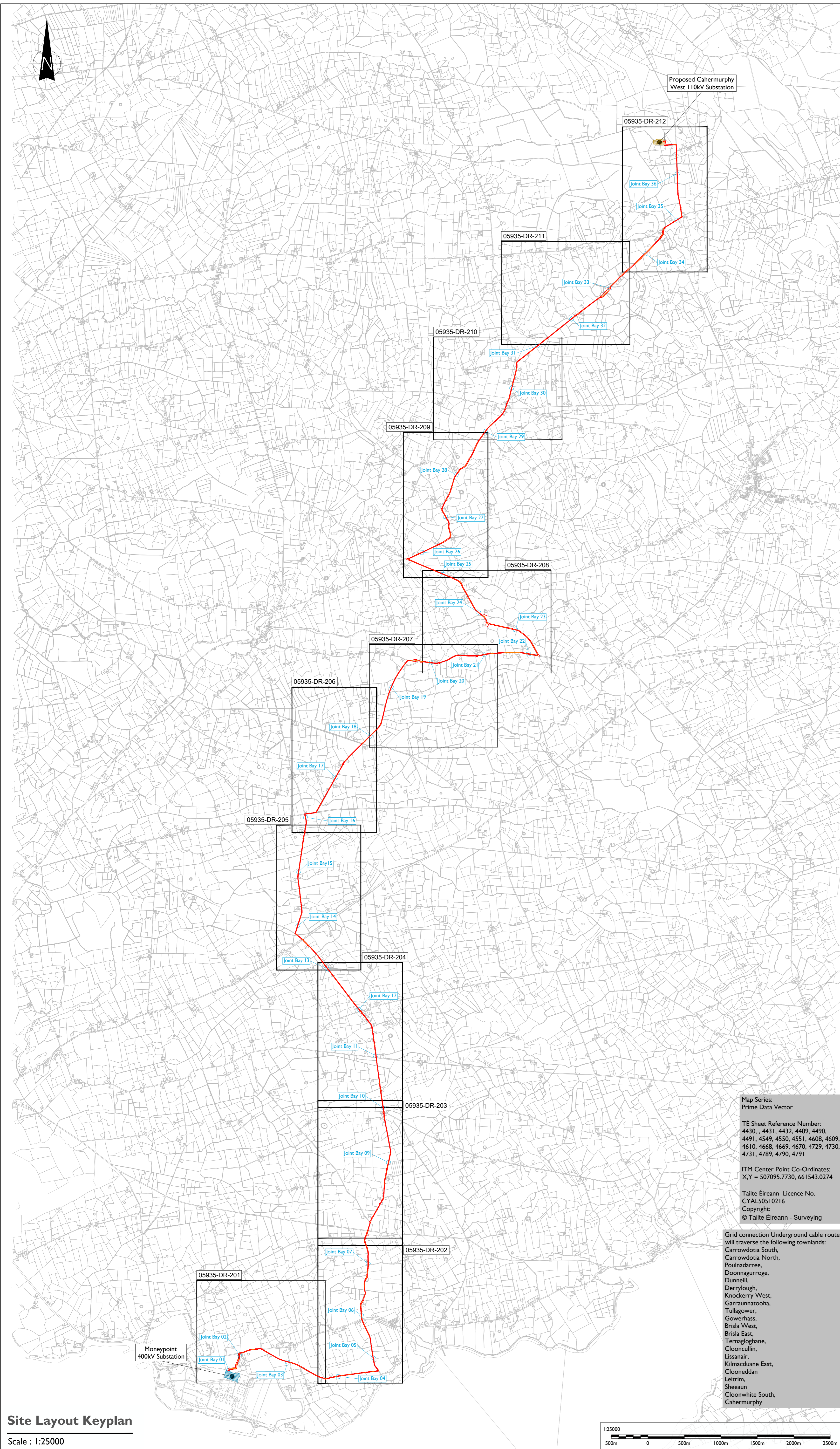




APPENDIX 4-2

**SITE LAYOUT DRAWINGS -
PROPOSED GRID CONNECTION**



LEGEND: -

- Existing Moneypoint 400kV Substation Location [Blue hatched box]
- Proposed Cahermurphy West 110kV Substation Location [Yellow hatched box]
- Grid Connection Underground Cable Route - Approx 25.005km [Red line]
- Red Line Planning Boundary [Red dashed line]

Grid connection Underground cable route will traverse the following townlands:
 Carrowdota South,
 Carrowdota North,
 Poulindarree,
 Doonagurroe,
 Dunneil,
 Derrylough,
 Knockerry West,
 Garraunatooha,
 Tullagower,
 Gowerhass,
 Brisla West,
 Brisla East,
 Ternagloghane,
 Clooncullin,
 Lissanair,
 Kilmacduane East,
 Cloonedan
 Leitrim,
 Sheeuan,
 Cloonwhite South,
 Cahermurphy

NOTES: -

- This drawing is to be used only for the purpose of the planning application and is subject to detailed design.
- Position of underground cable and location of joint bays, links boxes and comms chambers may vary depending on site conditions.
- Position of link boxes and comms chambers is to be agreed onsite with EirGrid/ESB.
- Other services may be encountered on the route.
- Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.
- Contours derived from DTM elevations referenced to Mean Head Vertical Datum



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PROJECT
Cahermurphy West
Wind Farm 110kV
Grid Connection

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P3	13.03.26	Issued for Planning
P2	5.03.26	Issued for Planning
P1	12.12.25	Issued for Planning
N3	03.11.25	Issued for Information
N2	03.10.25	Issued for Information
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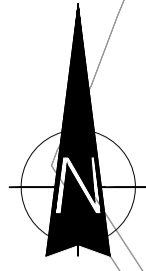
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Grid connection Underground cable route will traverse the following townlands:
 Carrowdota South,
 Carrowdota North,
 Poulindarree,
 Doonagurroe,
 Dunneil,
 Derrylough,
 Knockerry West,
 Garraunatooha,
 Tullagower,
 Gowerhass,
 Brisla West,
 Brisla East,
 Ternagloghane,
 Clooncullin,
 Lissanair,
 Kilmacduane East,
 Cloonedan
 Leitrim,
 Sheeuan,
 Cloonwhite South,
 Cahermurphy

Site Layout Keyplan
 Scale : 1:25000





Map Series:
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PROJECT

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Wind Farm 110kV
Grid Connection**

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NOTES: -

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- Other services may be encountered on the route.
- Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.

LEGEND: -

- Existing Moneypoint 400kV Substation Location
- Red Line Planning Boundary
- Existing ESB OHL HV Network
- Existing ESB OHL LV/MV Networks
- Optioned Landownership Boundary shown thus
- Existing River Network shown thus
- Recorded Monuments & Associated Zone of Notifications shown thus
- Recorded Architectural Heritage Building (Listed Building) shown thus
- Access Track shown thus
- Irish Water Infrastructure shown thus

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N2	03.10.25	Issued for Information
N1	15.08.25	Issued for Information
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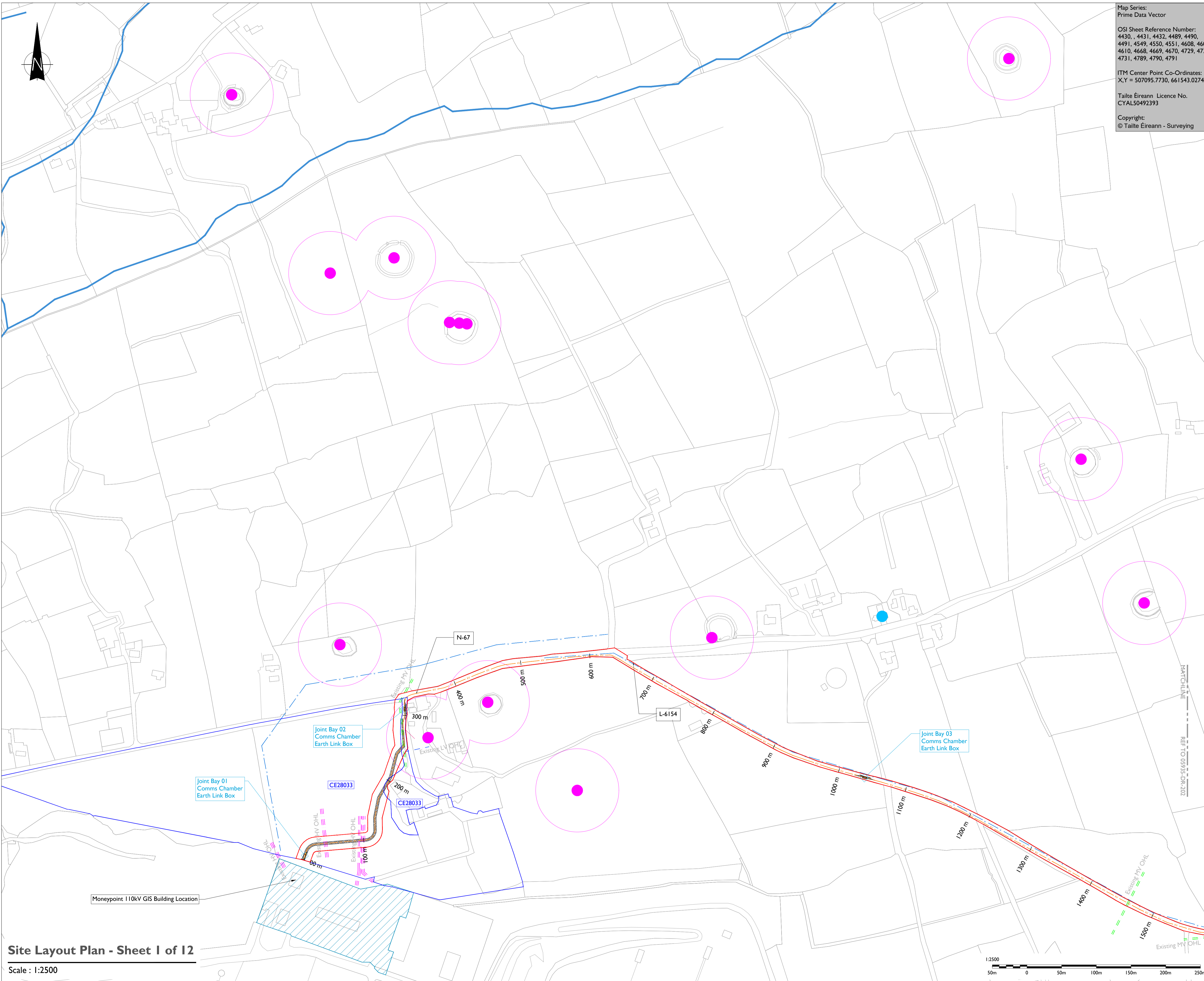
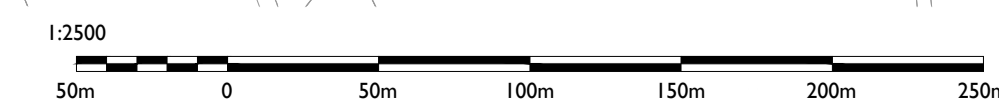
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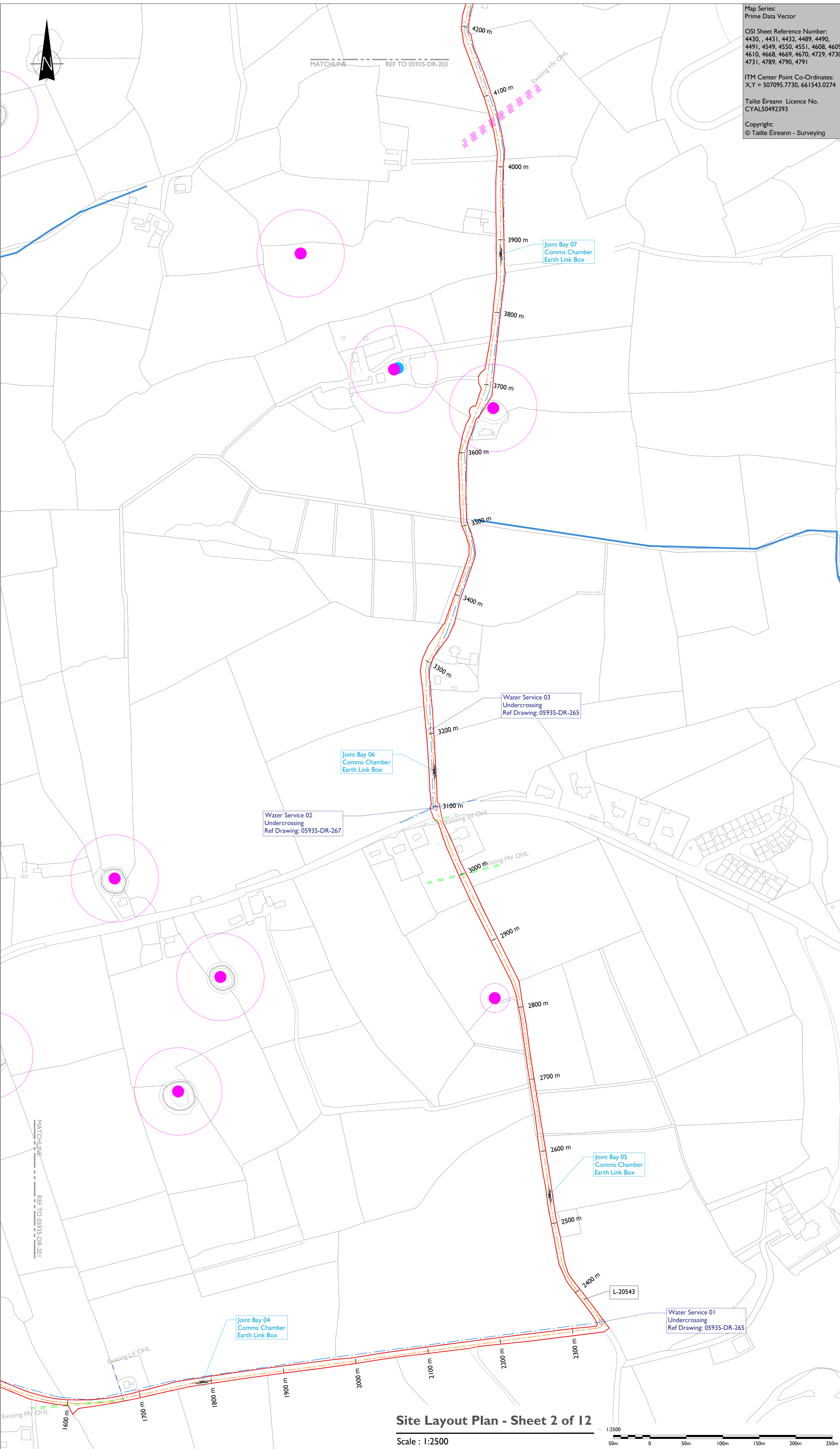
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LEGEND: -

Grid Connection Underground Cable Route - Approx 25.005km	
Red Line Planning Boundary	
Existing ESB OHL HV Network	
Existing ESB OHL LV/MV Networks	
Existing River Network shown thus	
Recorded Monuments & Associated Zone of Notifications shown thus	
Recorded Architectural Heritage Building (Listed Building) shown thus	
Irish Water Infrastructure shown thus	

- NOTES: -**
- This drawing is to be used only for the purpose of the planning application and is subject to detailed design.
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 - Position of link boxes and comms chambers is to be agreed onsite with EirGrid/ESB.
 - Other services may be encountered on the route.
 - Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.

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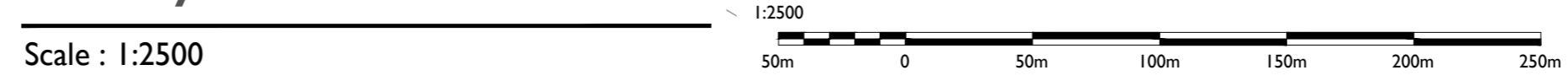
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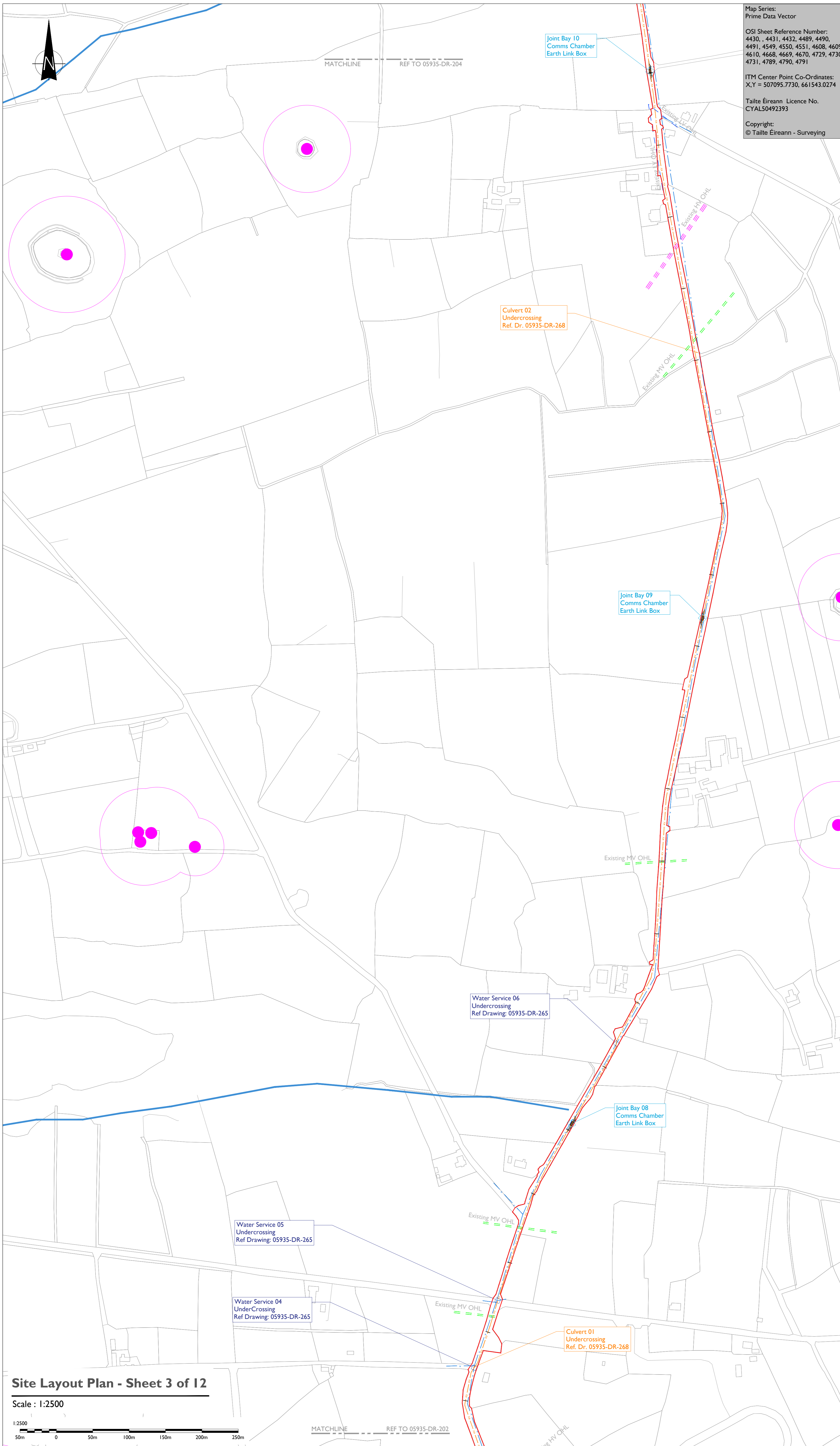
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05935-DR-202

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LEGEND: -

Grid Connection Underground Cable	
Route - Approx 25.005km	
Red Line Planning Boundary	
Existing ESB OHL HV Network	
Existing ESB OHL LV/MV Networks	
Existing River Network shown thus	
Recorded Monuments & Associated Zone of Notifications shown thus	
Irish Water Infrastructure shown thus	

- NOTES: -**
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 - Other services may be encountered on the route.
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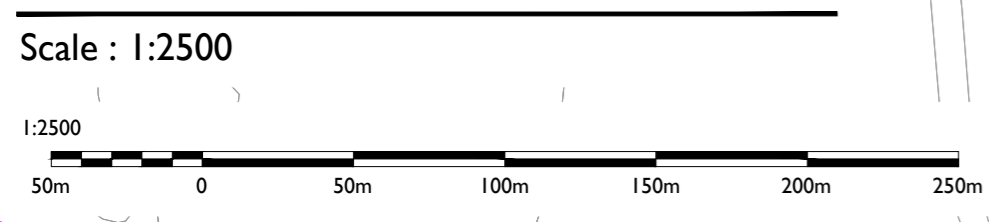
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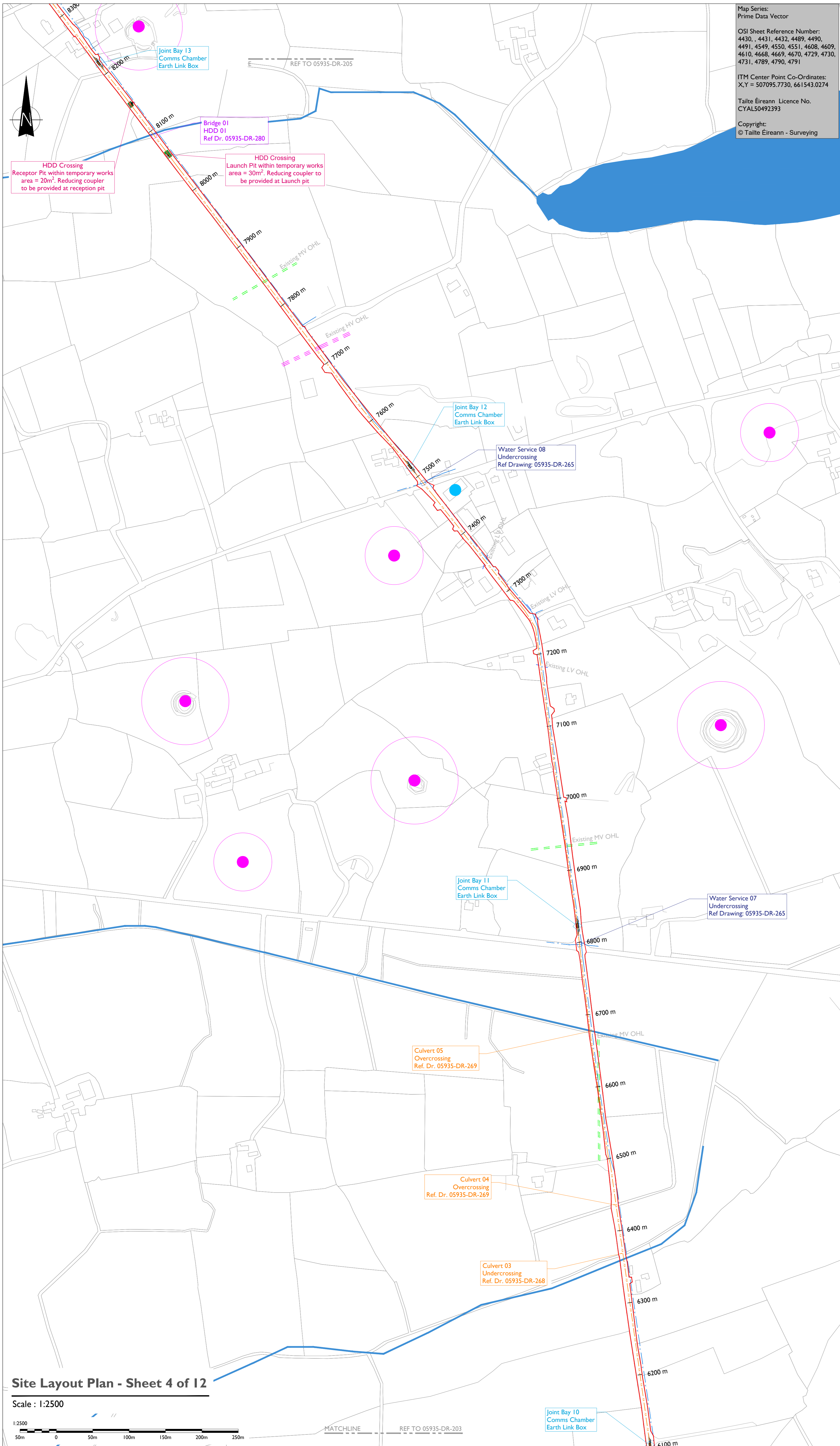
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Site Layout Plan - Sheet 3 of 12

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05935-DR-203

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LEGEND: -

Grid Connection Underground Cable	— — — — —
Route - Approx 25.005km	— — — — —
Red Line Planning Boundary	— — — — —
Existing ESB OHL HV Network	— — — — —
Existing ESB OHL LV/MV Networks	— — — — —
Existing River Network shown thus	— — — — —
Recorded Monuments & Associated Zone of Notifications shown thus	○
Recorded Architectural Heritage Building (Listed Building) shown thus	●
Irish Water Infrastructure shown thus	— — — — —

- NOTES: -**
- This drawing is to be used only for the purpose of the planning application and is subject to detailed design.
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 - Other services may be encountered on the route.
 - Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.

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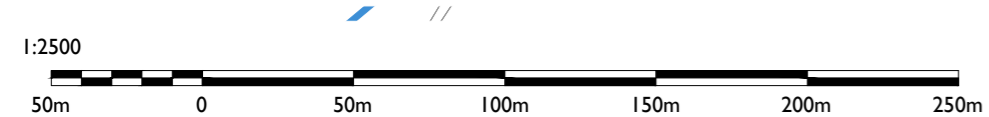
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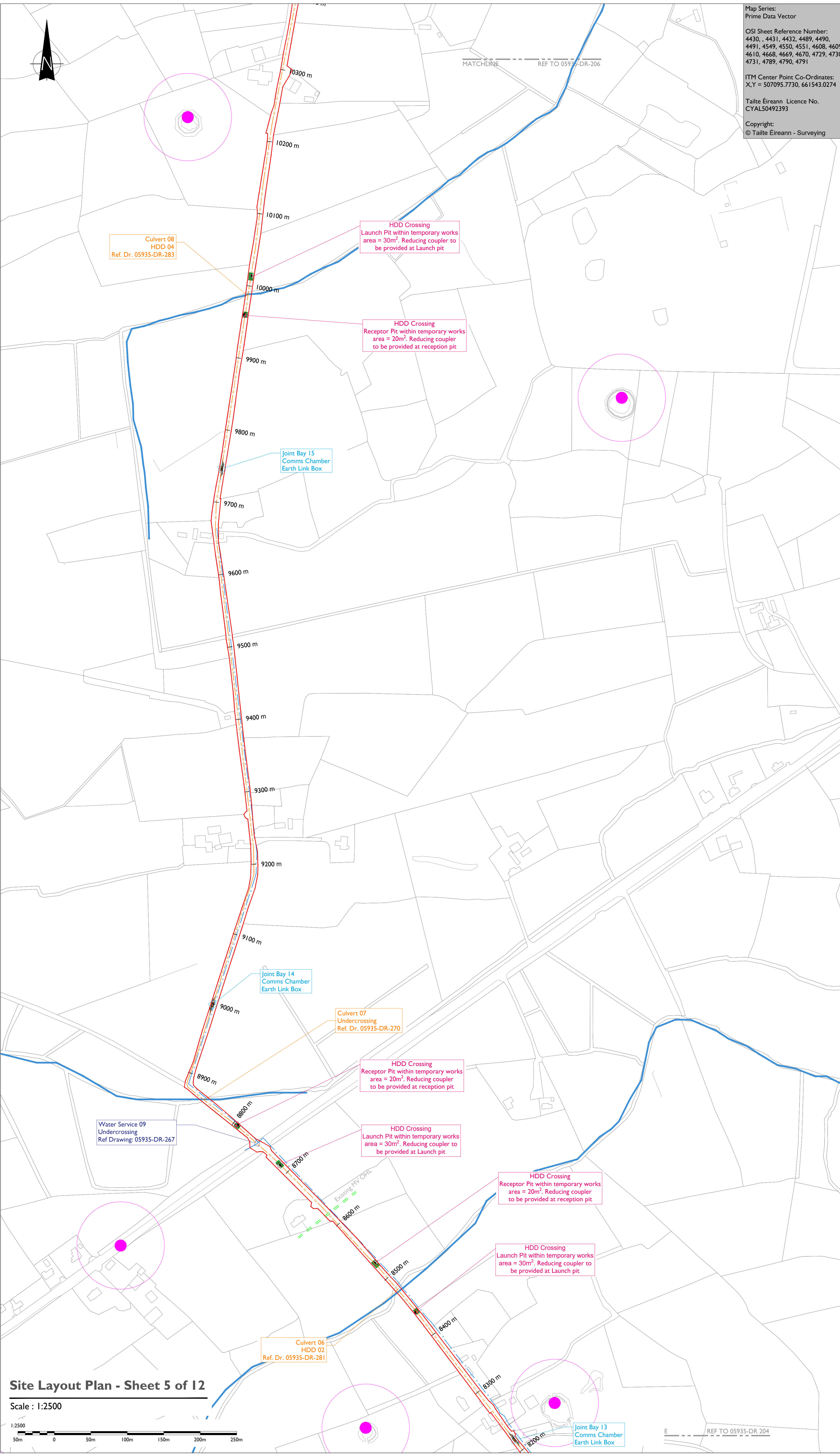
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LEGEND: -

Grid Connection Underground Cable Route - Approx 25.005km	
Red Line Planning Boundary	
Existing ESB OHL LV/MV Networks	
Existing River Network shown thus	
Recorded Monuments & Associated Zone of Notifications shown thus	
Irish Water Infrastructure shown thus	

- NOTES: -**
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 - Other services may be encountered on the route.
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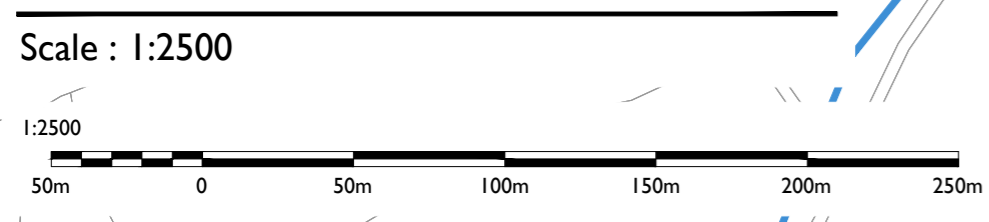
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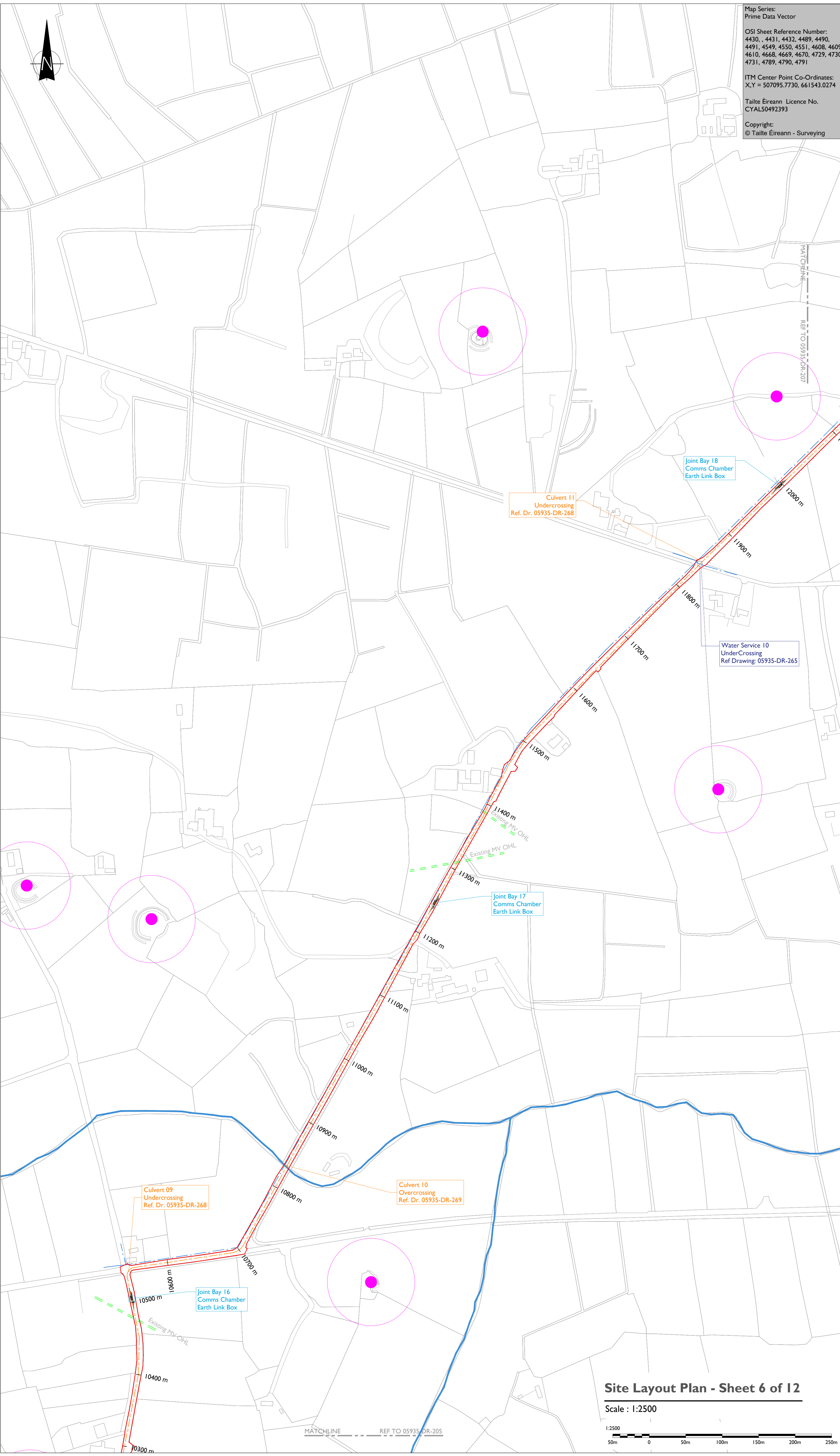
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Site Layout Plan - Sheet 5 of 12

SHEET NUMBER
05935-DR-205

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- LEGEND: -**
- Grid Connection Underground Cable Route - Approx 25.005km —
 - Red Line Planning Boundary —
 - Existing ESB OHL LV/MV Networks —
 - Existing River Network shown thus —
 - Recorded Monuments & Associated Zone of Notifications shown thus ○
 - Irish Water Infrastructure shown thus —

- NOTES: -**
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P1	12.12.25	Issued for Planning
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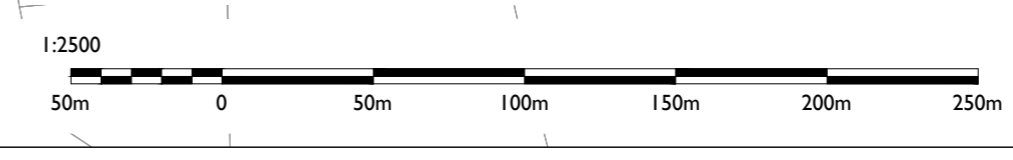
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Site Layout Plan - Sheet 6 of 12

SHEET NUMBER
05935-DR-206

Site Layout Plan - Sheet 6 of 12

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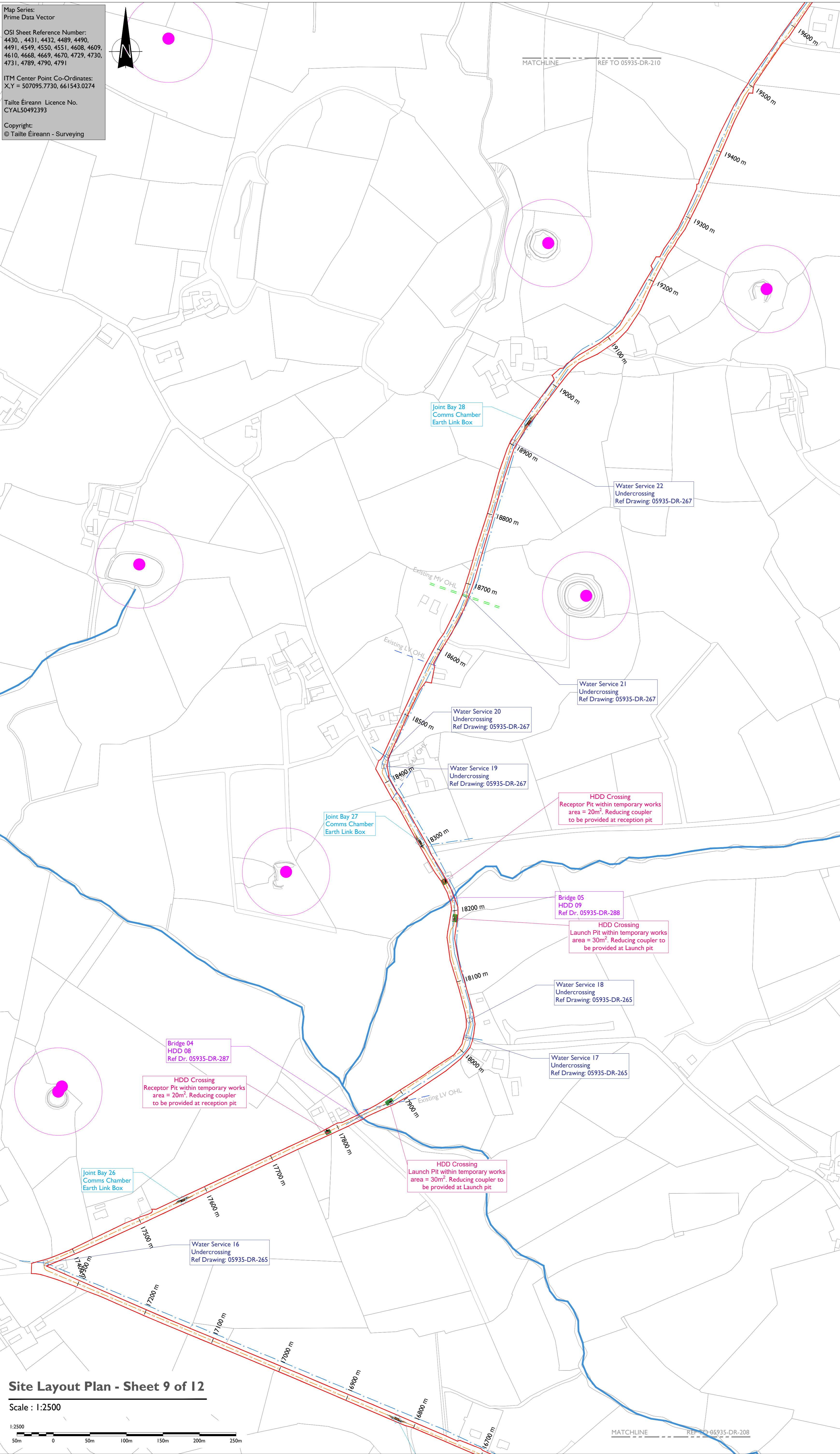
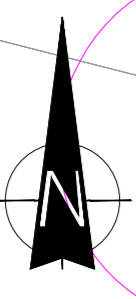
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- LEGEND: -**
- Grid Connection Underground Cable Route - Approx. 25.005km —
 - Red Line Planning Boundary —
 - Existing ESB OHL LV/MV Networks —
 - Existing River Network shown thus —
 - Recorded Monuments & Associated Zone of Notifications shown thus ○
 - Irish Water Infrastructure shown thus —

- NOTES: -**
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 - Other services may be encountered on the route.
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PROJECT

Cahermurphy West Wind Farm 110kV Grid Connection

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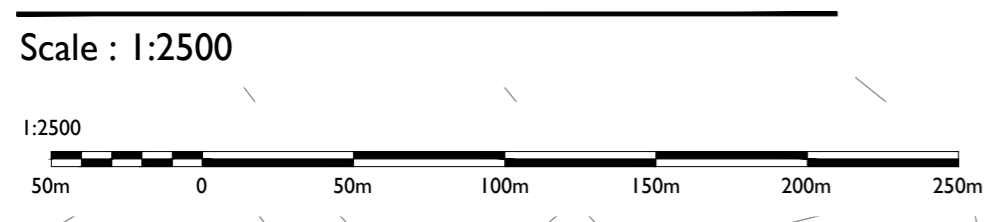
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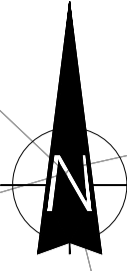
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Site Layout Plan - Sheet 9 of 12

SHEET NUMBER
05935-DR-209

Site Layout Plan - Sheet 9 of 12





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PROJECT

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Wind Farm 110kV
Grid Connection**

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NOTES: -

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- Position of link boxes and comms chambers is to be agreed onsite with EirGrid/ESB.
- Other services may be encountered on the route.
- Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.

LEGEND: -

Grid Connection Underground Cable Route - Approx 25.005km

Red Line Planning Boundary

Existing ESB OHL HV Network

Existing ESB OHL LV/MV Networks

Optioned Landownership Boundary shown thus

Existing River Network shown thus

Recorded Monuments & Associated Zone of Notifications shown thus

Irish Water Infrastructure shown thus

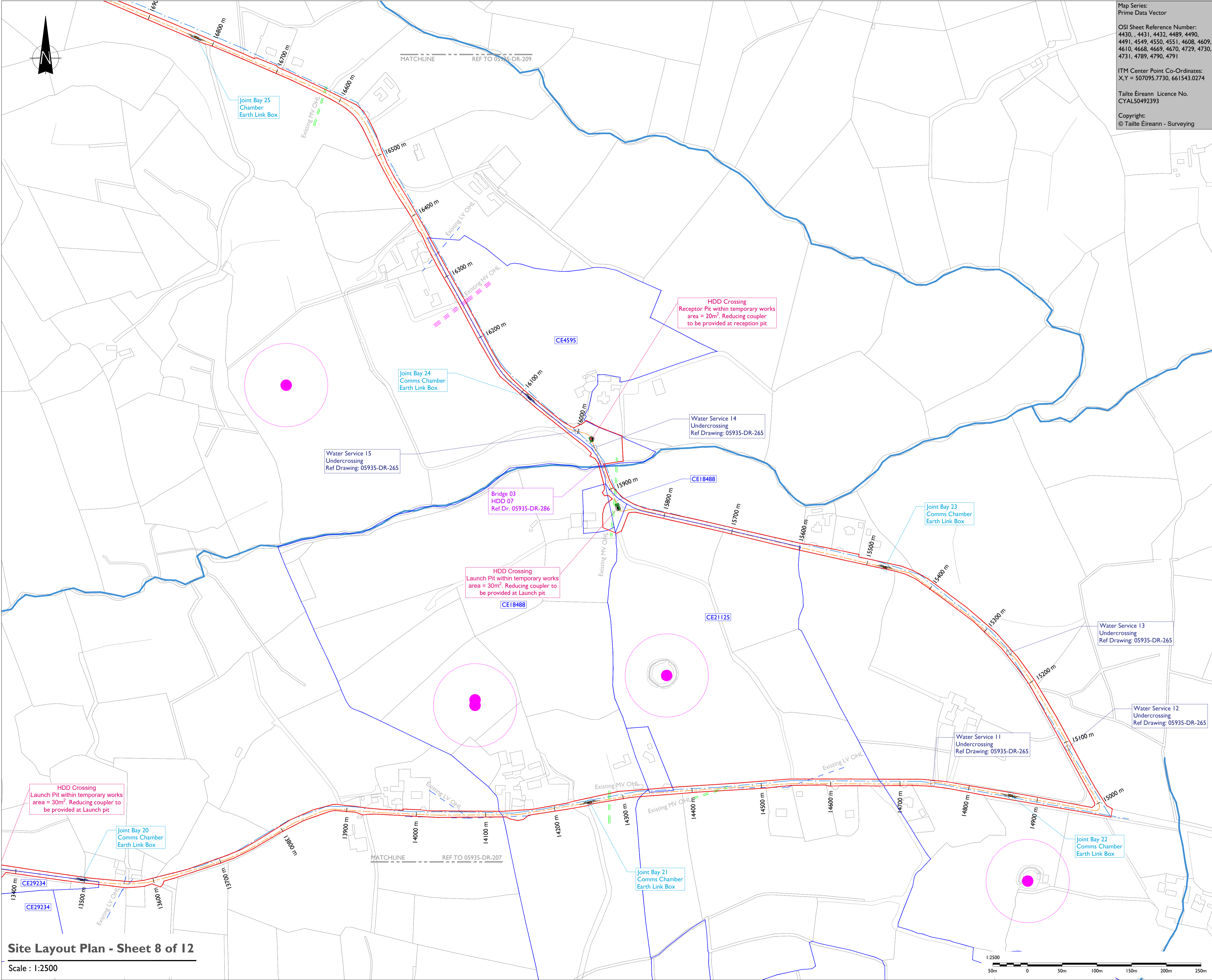
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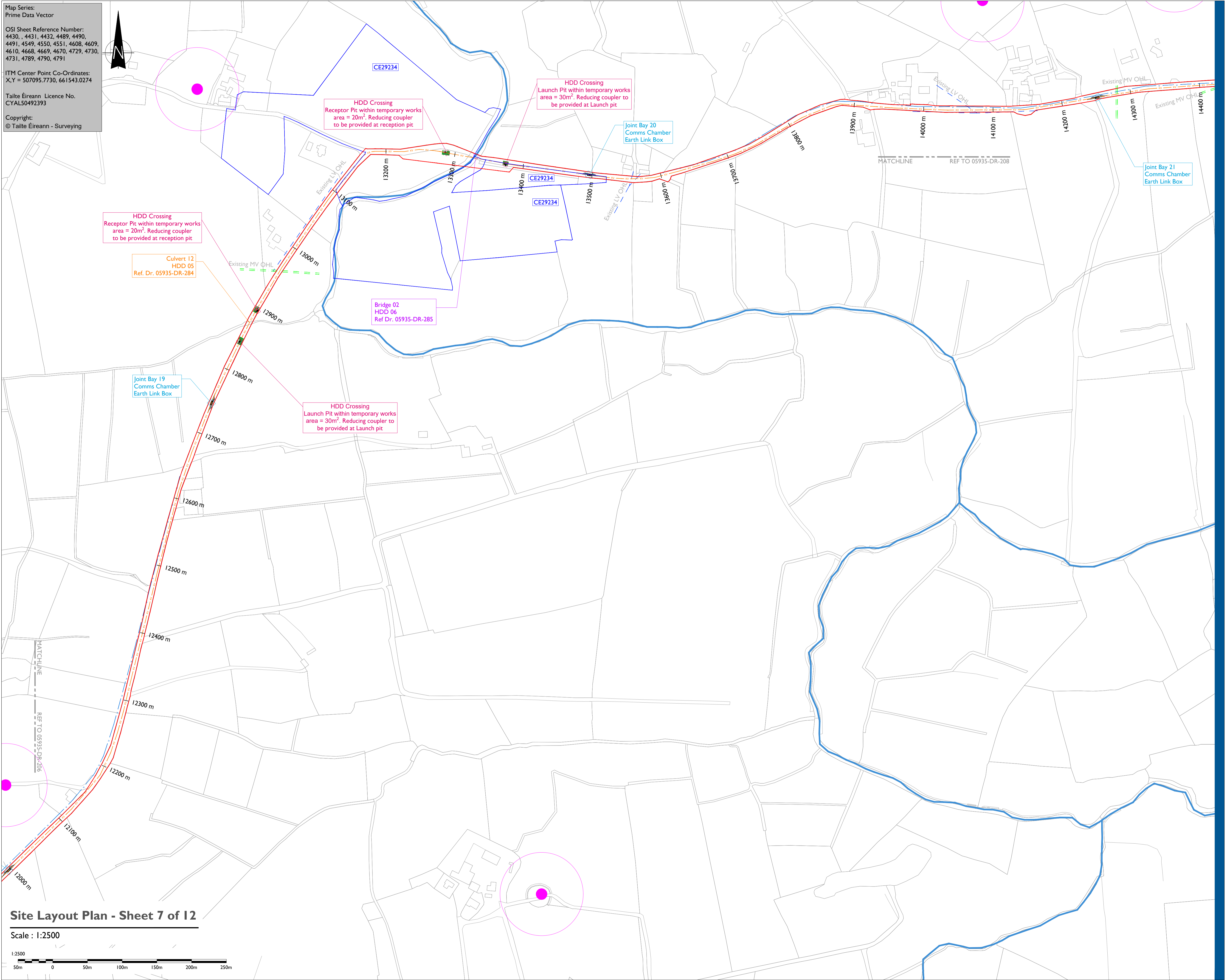
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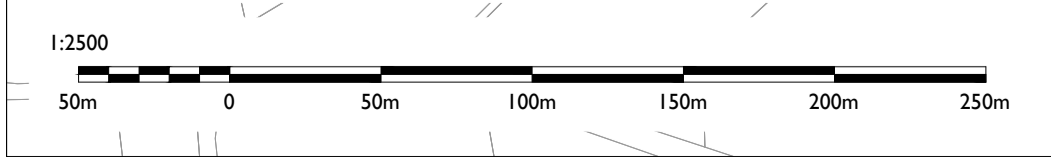
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Project Management Initials: Designer: DMB Checked: DB Approved: RG



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 RG24 8UP, UK
 Tel: 00 44 1256406664

PROJECT
Cahermurphy West
Wind Farm 110kV
Grid Connection

CLIENT
FuturaEnergy
 Ireland



- NOTES: -**
- This drawing is to be used only for the purpose of the planning application and is subject to detailed design.
 - Position of underground cable and location of joint bays, links boxes and comms chambers may vary depending on site conditions.
 - Position of link boxes and comms chambers is to be agreed onsite with EirGrid/ESB.
 - Other services may be encountered on the route.
 - Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.

- LEGEND: -**
- Grid Connection Underground Cable Route - Approx 25.005km
 - Red Line Planning Boundary
 - Existing ESB OHL LV/MV Networks
 - Optioned Landownership Boundary shown thus
 - Existing River Network shown thus
 - Recorded Monuments & Associated Zone of Notifications shown thus
 - Irish Water Infrastructure shown thus

ISSUE/REVISION

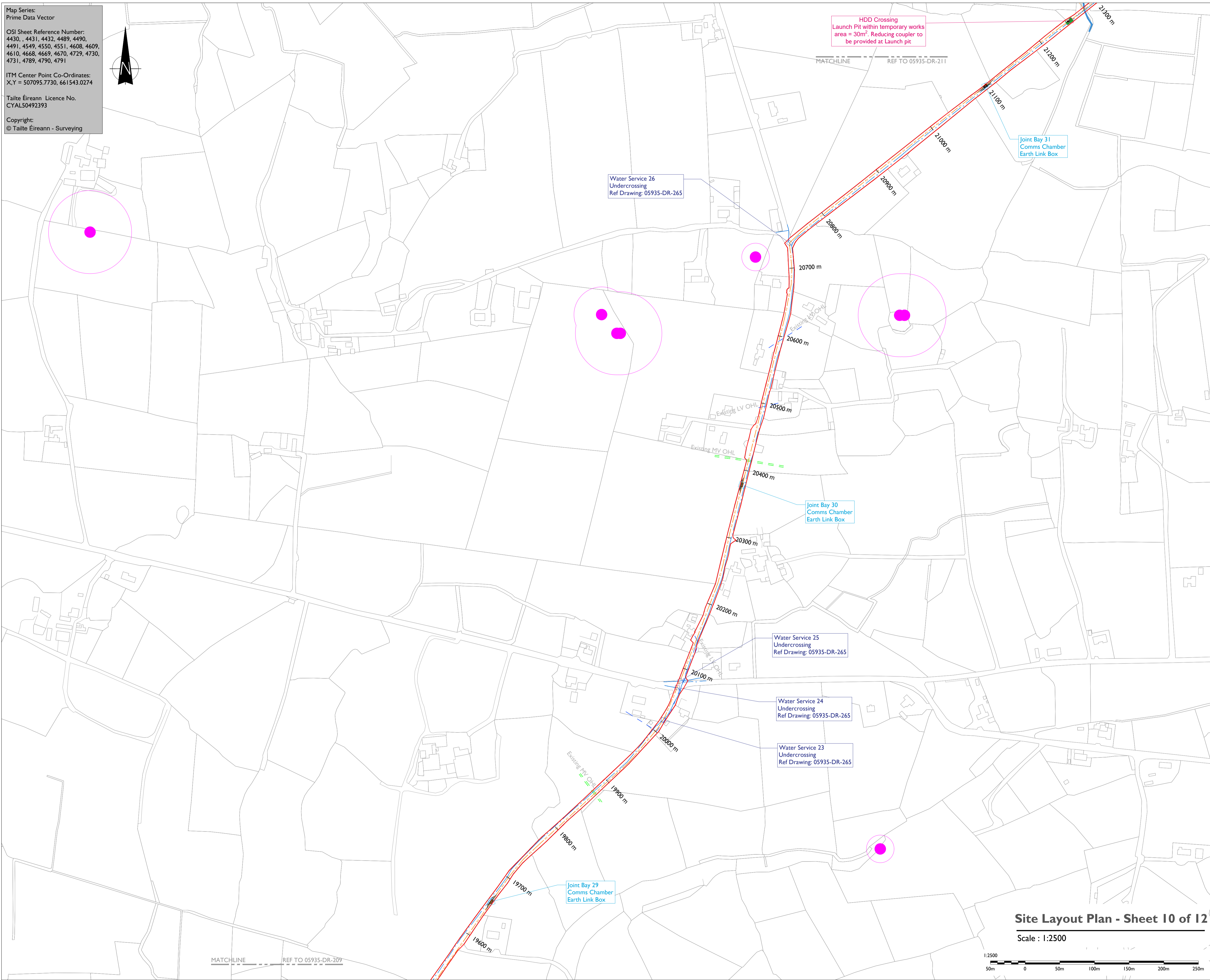
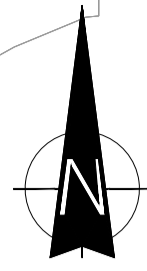
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N3	03.11.25	Issued for Information
N2	03.10.25	Issued for Information
N1	15.08.25	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER
 05-935

SHEET TITLE
 Site Layout Plan -
 Sheet 7 of 12

SHEET NUMBER
 05935-DR-207

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 Prime Data Vector
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 ITM Center Point Co-Ordinates:
 X,Y = 507095.7730, 661543.0274
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PROJECT
**Cahermurphy West
 Wind Farm 110kV
 Grid Connection**

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NOTES: -

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LEGEND: -

- Grid Connection Underground Cable Route - Approx 25.005km
- Red Line Planning Boundary
- Existing ESB OHL LV/MV Networks
- Recorded Monuments & Associated Zone of Notifications shown thus
- Irish Water Infrastructure shown thus

ISSUE/REVISION

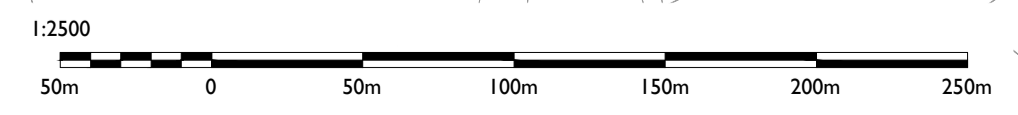
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N3	03.11.25	Issued for Information
N2	03.10.25	Issued for Information
N1	15.08.25	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER
 05-935

SHEET TITLE
 Site Layout Plan -
 Sheet 10 of 12

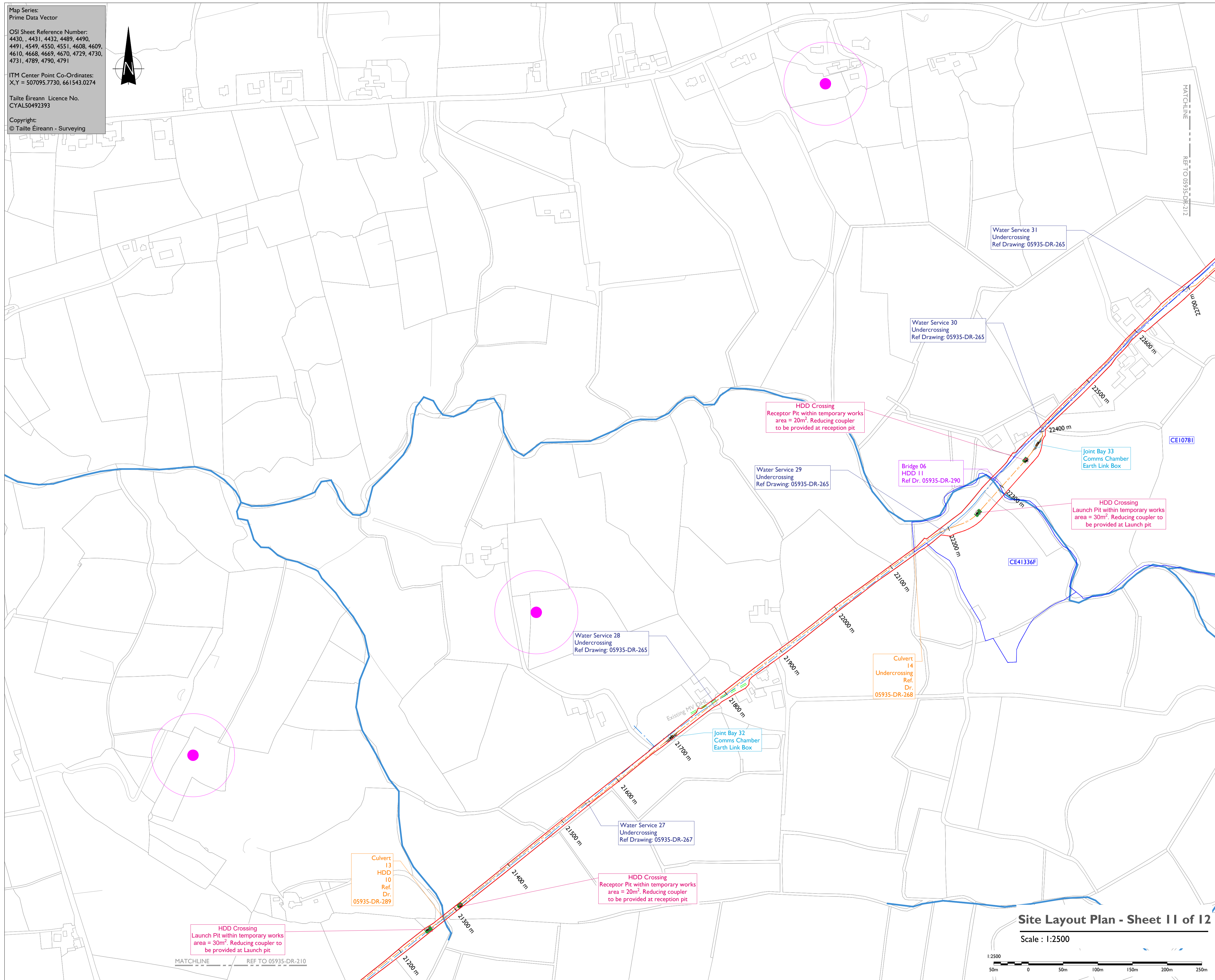
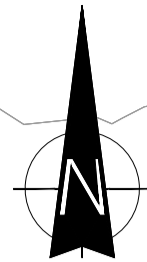
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 05935-DR-210

Site Layout Plan - Sheet 10 of 12
 Scale : 1:2500



Project Management Initials: Designer: DMB Checked: DB Approved: RG

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 Prime Data Vector
 OSJ Sheet Reference Number:
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 4610, 4668, 4669, 4670, 4729, 4730,
 4731, 4789, 4790, 4791
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PROJECT

**Cahermurphy West
 Wind Farm 110kV
 Grid Connection**

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NOTES: -

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- Position of underground cable and location of joint bays, links boxes and comms chambers may vary depending on site conditions.
- Position of link boxes and comms chambers is to be agreed onsite with EirGrid/ESB.
- Other services may be encountered on the route.
- Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.

LEGEND: -

- Grid Connection Underground Cable Route - Approx 25.005km
- Red Line Planning Boundary
- Existing ESB OHL MV Network
- Optioned Landownership Boundary shown thus
- Existing River Network shown thus
- Recorded Monuments & Associated Zone of Notifications shown thus
- Irish Water Infrastructure shown thus

ISSUE/REVISION

NO	DATE	DESCRIPTION
P1	12.12.25	Issued for Planning
N3	03.11.25	Issued for Information
N2	03.10.25	Issued for Information
N1	15.08.25	Issued for Information
I/R	DATE	DESCRIPTION

PROJECT NUMBER

05-935

SHEET TITLE

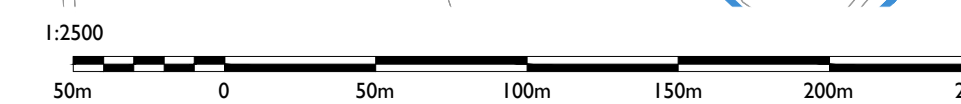
Site Location Plan -
 Sheet 11 of 12

SHEET NUMBER

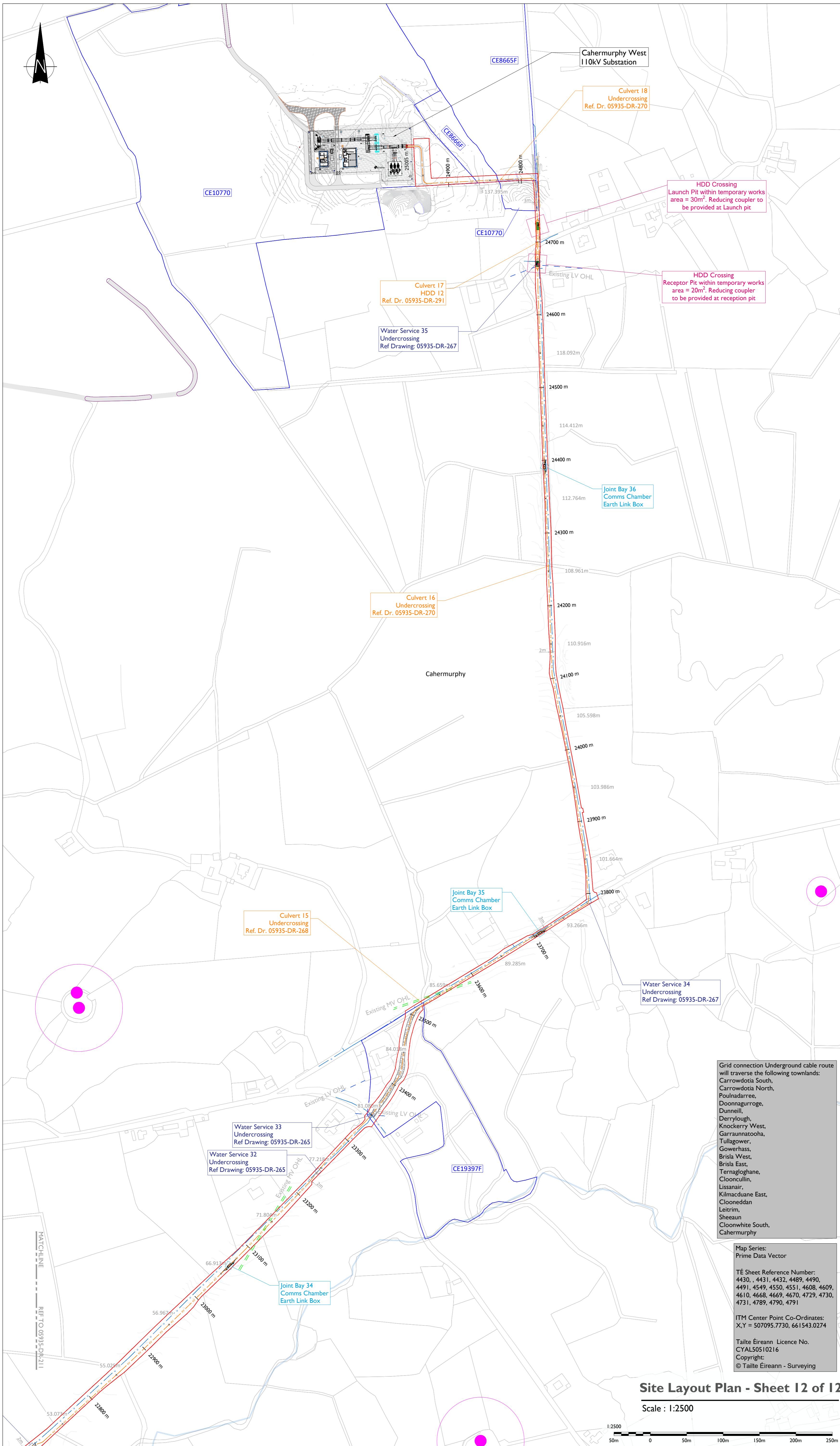
05935-DR-211

Site Layout Plan - Sheet 11 of 12

Scale : 1:2500



Project Management Initials: Designer: DMB Checked: DB Approved: RG



LEGEND: -

- Grid Connection Underground Cable Route - Approx 25.005km —
- Proposed 110kV AirGrid Substation two bay arrangement
- Red Line Planning Boundary —
- Existing ESB OHL LV/MV Networks —
- Recorded Monuments & Associated Zone of Notifications shown thus
- Optioned Landownership Boundary shown thus —
- Inish Water Infrastructure shown thus —
- Proposed Wind Farm track shown thus
- Temporary track shown thus
- Spot heights shown thus x 36.980m
- UGC chainage shown thus
- Distance from Red line boundary to grid connection underground cable 5m

NOTES: -

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- Position of link boxes and comms chambers is to be agreed onsite with EirGrid/ESB.
- Other services may be encountered on the route.
- Position of HDD launch/reception shown points are indicative only and will be subject to site investigation works and detailed design.
- Contours derived from DTM elevations referenced to Mean Head Vertical Datum

tli GROUP

Head Office: Beebreigh, Abbeydorney, Tralee, Co. Kerry, Ireland
 Regional Office: Basepoint Business Centre, Stroudley Road, Basingstoke, Hampshire, RG24 8UP, UK

PROJECT

Cahermurphy West Wind Farm 110kV Grid Connection

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ISSUE/REVISION

I/R	DATE	DESCRIPTION
P3	13.03.26	Issued for Planning
P2	05.03.26	Issued for Planning
P1	12.12.25	Issued for Planning
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N2	03.10.25	Issued for Information
N1	15.08.25	Issued for Information

PROJECT NUMBER

05-935

SHEET TITLE

Site Layout Plan - Sheet 12 of 12

SHEET NUMBER

05935-DR-212

Grid connection Underground cable route will traverse the following townlands: Carrowdota South, Carrowdota North, Pounadarree, Doonagurroge, Dunneil, Derrylough, Knockerry West, Garraunatooha, Tullagower, Gowerhass, Brisla West, Brisla East, Ternagloghane, Cloonculin, Lissanair, Kilmacduane East, Cloonedan, Leirim, Sheean, Cloonwhite South, Cahermurphy

Map Series: Prime Data Vector

TÉ Sheet Reference Number: 4430, 4431, 4432, 4489, 4490, 4491, 4549, 4550, 4551, 4608, 4609, 4610, 4668, 4669, 4670, 4729, 4730, 4731, 4789, 4790, 4791

ITM Center Point Co-Ordinates: X,Y = 507095.7730, 661543.0274

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