



LionLink

General arrangement plans and design drawings

January 2026

LionLink



To assist with understanding these plans please see the Guide to using the Consultation Plans and Drawings

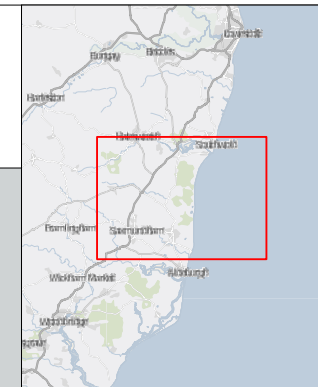
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Section Number	Category Name
01-01	Suffolk Location Plan



SUFFOLK LOCATION PLAN FOR STATUTORY CONSULTATION



LEGEND:
— DRAFT ORDER LIMITS (DOL)

FOR STATUTORY CONSULTATION PURPOSES ONLY

NOTES:

1. THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

2. THESE PLANS SHOW THE DRAFT ORDER LIMITS. DUE TO THE NEED FOR FUTURE PLANS, THE NATIONAL GRID LONDON LIMITED WILL BE APPLYING FOR ORDER LIMITS AND LIMITS OF DEVIATION WITHIN ITS APPLICATION FOR DEVELOPMENT CONSENT. WITHIN WHICH ANY FINAL CABLE ALIGNMENT WOULD BE LOCATED.

3. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH THE CONSULTATION PLANS AND DRAWINGS' DOCUMENT.

4. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.

CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 645836E M SHEET CENTRE Y-COORDINATE: 267900N



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P02	08/07/2025	FOR STATUTORY CONSULTATION	NG	TW		
P01	19/05/2025	FOR INFORMATION	NG	MD		

SUFFOLK LOCATION PLAN
FOR STATUTORY CONSULTATION

Project Name

LIONLINK

Application Number	EN020033
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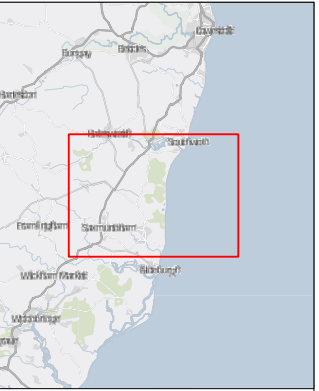
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Section Number	Category Name
01-02	Onshore Master General Arrangement Plan



ONSHORE MASTER GENERAL ARRANGEMENT PLAN FOR STATUTORY CONSULTATION



LEGEND:
 DRAFT ORDER LIMITS (DOL)
 DETAILED SHEETS

FOR STATUTORY CONSULTATION PURPOSES ONLY

NOTES:

1. THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
2. THESE PLANS SHOW THE DRAFT ORDER LIMITS. DUE TO THE NEED FOR FUTURE CONSTRUCTION, NATIONAL GRID LIGNING LIMITED WILL BE APPLYING FOR ORDER LIMITS AND LIMITS OF DEVIATION WITHIN ITS APPLICATION FOR DEVELOPMENT CONSENT. WITHIN WHICH ANY FINAL CABLE ALIGNMENT WOULD BE LOCATED.
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SHEET CENTRE X-COORDINATE: 645836E M SHEET CENTRE Y-COORDINATE: 267900N M



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P04	30/09/2025	FOR STATUTORY CONSULTATION	AS	TW	TD
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P02	06/07/2025	FOR STATUTORY CONSULTATION	NG	TW	TD
P01	19/05/2025	FOR INFORMATION	NG	MD	TD
	Date	Remarks	Drawn	Checked	Approved

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ONSHORE MASTER GENERAL ARRANGEMENT PLAN FOR STATUTORY CONSULTATION

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Application Number

EN020033

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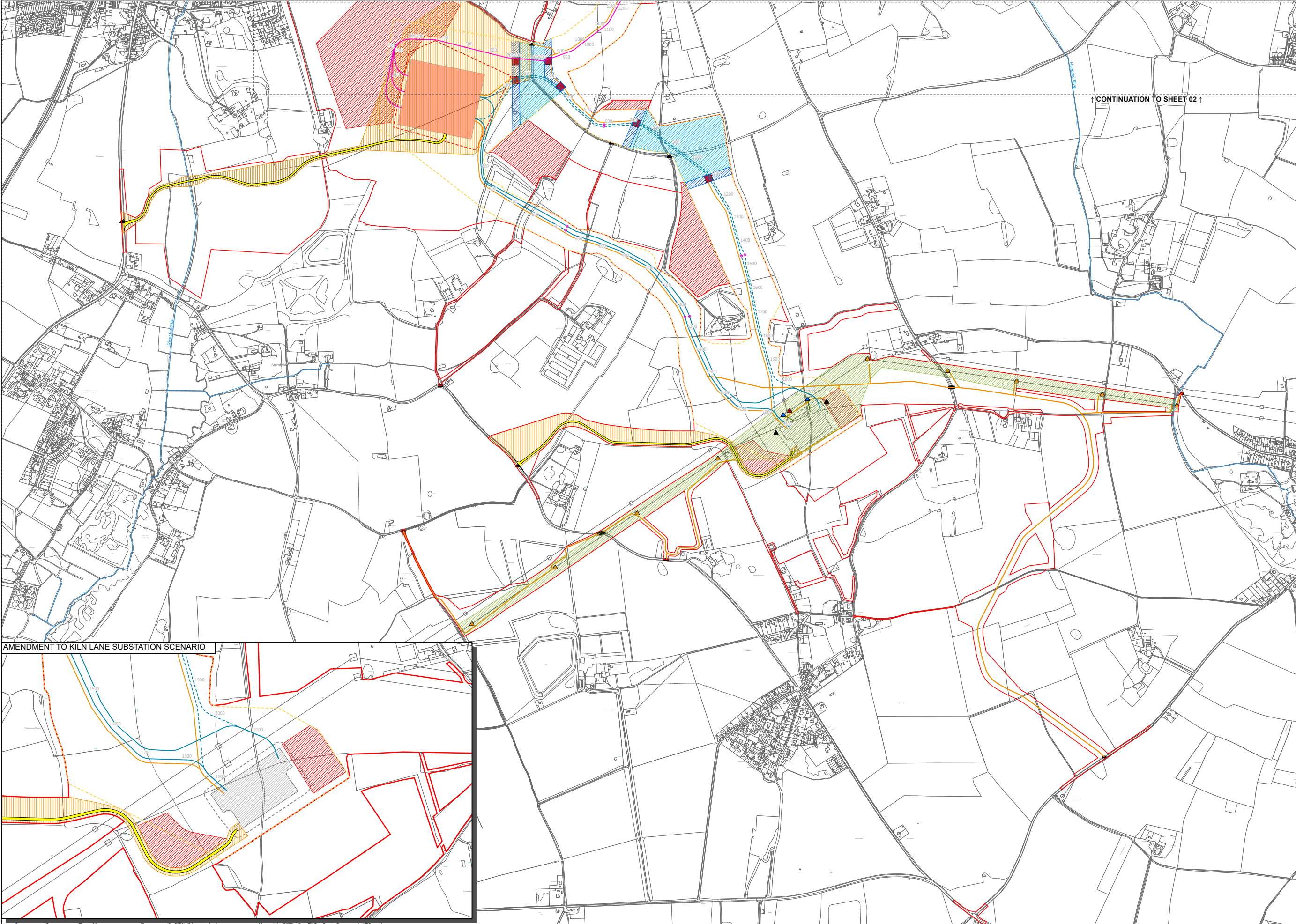
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Section Number	Category Name
01-03	Onshore General Arrangement Plans

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ONSHORE GENERAL ARRANGEMENT PLAN SERIES FOR STATUTORY CONSULTATION SHEET 01 OF 06



- LEGEND:**
- DRAFT ORDER LIMITS (DOL)
 - CABLE LIMIT OF DEVIATION (LOD)
 - HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - HIGH VOLTAGE ALTERNATING CURRENT (HVAC) CABLE CORRIDOR - SOUTHERN ROUTE OPTION
 - HIGH VOLTAGE ALTERNATING CURRENT (HVAC) CABLE CORRIDOR - NORTHERN ROUTE OPTION
 - HAUL ROAD
 - PERMANENT ACCESS ROAD
 - PERMANENT ACCESS ROAD LIMIT OF DEVIATION (LOD)
 - CONVERTER STATION LIMIT OF DEVIATION (LOD)
 - CONVERTER STATION
 - CONSTRUCTION COMPOUND
 - KILN LANE SUBSTATION LIMIT OF DEVIATION (LOD)
 - KILN LANE SUBSTATION
 - TRENCHLESS CROSSING
 - TRENCHLESS CROSSING - COMPOUND ZONE
 - INDICATIVE TRENCHLESS COMPOUND LOCATION
 - DETAILED SHEETS
 - BELLMOUTH
 - ROAD CROSSING
 - INDICATIVE JOINT BAY
 - CHAINAGE
 - Works for Full Build Out of Kiln Lane Substation Scenario
 - OVERHEAD LINE
 - OVERHEAD LINE LIMIT OF DEVIATION (LOD)
 - TEMPORARY OVERHEAD LINE STRUCTURE
 - PYLON REMOVAL
 - PYLON MODIFICATION WORKS
 - PYLON

FOR STATUTORY CONSULTATION PURPOSES ONLY

NOTES:

1. THIS PLAN IS SCALED AT PAPER SIZE AS THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.

2. THESE PLANS SHOW THE DRAFT ORDER LIMITS, CABLE LIMIT OF DEVIATION AND PROPOSED CABLE ALIGNMENT DUE TO THE NEED FOR FUTURE FLEXIBILITY AND/OR FUTURE DEVELOPMENT. LIMITS WILL BE APPLYING FOR ORDER LIMITS AND LIMITS OF DEVIATION WITHIN ITS APPLICATION FOR DEVELOPMENT CONSENT. WITHIN WHICH ANY FINAL CABLE ALIGNMENT WOULD BE LOCATED. THEREFORE THE CABLE ALIGNMENT SHOULD BE TREATED AS INDICATIVE ONLY. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH THE CONSULTATION PLANS AND DRAWINGS DOCUMENT.

3. THERE ARE TWO POTENTIAL ROUTE OPTIONS FOR THE PROPOSED UNDERGROUND HVAC CABLE CORRIDOR WHICH ARE SHOWN WITHIN THIS DRAWING SERIES: A SOUTHERN ROUTE OPTION AND A NORTHERN ROUTE OPTION. PLEASE REFER TO CHAPTER 2 DESCRIPTION OF THE PROPOSED SCHEME (SECTION 2.2) OF THE PER FOR FURTHER INFORMATION ON THE TWO OPTIONS.

4. THERE ARE TWO POTENTIAL CONSENTING SCENARIOS FOR THE KILN LANE SUBSTATION WHICH ARE SHOWN WITHIN THIS DRAWING SERIES: AMENDMENT TO KILN LANE SUBSTATION AND FULL BUILD OUT OF KILN LANE SUBSTATION. PLEASE REFER TO CHAPTER 2 DESCRIPTION OF THE PROPOSED SCHEME (SECTION 2.2) OF THE PER FOR FURTHER INFORMATION ON THE TWO SCENARIOS.

5. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.6 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.

CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 648576 M SHEET CENTRE Y-COORDINATE: 261138 M



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PO2	08/07/2025	FOR STATUTORY CONSULTATION	NG	TW	TD
PO1	16/05/2025	FOR INFORMATION	NG	MD	TD
Issue	Date	Revisions	Drawn	Checked	Approved

ONSHORE GENERAL ARRANGEMENT PLAN
SERIES FOR STATUTORY CONSULTATION
SHEET 01 OF 06

Project Name
LIONLINK

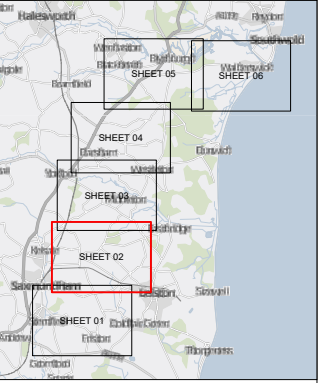
Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000145

Scale Sheet Size Sheet Issue
1:5,000 A0 01 of 06 PO4



ONSHORE GENERAL ARRANGEMENT PLAN SERIES
FOR STATUTORY CONSULTATION
SHEET 02 OF 06



- LEGEND:
- DRAFT ORDER LIMITS (DOL)
 - CABLE LIMIT OF DEVIATION (LOD)
 - CABLE LIMIT OF DEVIATION (LOD) - ALTERNATIVE
 - ONSHORE HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - HIGH VOLTAGE ALTERNATING CURRENT (HVAC) CABLE ALIGNMENT - NORTHERN ROUTE OPTION
 - HAUL ROAD
 - ALTERNATIVE HAUL ROAD
 - PERMANENT ACCESS ROAD LIMIT OF DEVIATION (LOD)
 - DETAILED SHEETS
 - CONVERTER STATION
 - CONVERTER STATION LIMIT OF DEVIATION (LOD)
 - CONSTRUCTION COMPOUND
 - TRENCHLESS CROSSING
 - TRENCHLESS CROSSING - COMPOUND ZONE
 - INDICATIVE TRENCHLESS COMPOUND LOCATION
 - INDICATIVE JOINT BAY
 - BELLMOUTH
 - ROAD CROSSING
 - CHAINAGE

FOR STATUTORY CONSULTATION PURPOSES ONLY

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A3. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - THESE PLANS SHOW THE DRAFT ORDER LIMITS, CABLE LIMIT OF DEVIATION AND PROPOSED CABLE ALIGNMENT. DUE TO THE NEED FOR FUTURE FLEXIBILITY NATIONAL GRID LIONLINK LIMITED WILL BE APPLYING FOR ORDER LIMITS AND LIMITS OF DEVIATION WITHIN ITS APPLICATION FOR DEVELOPMENT CONSENT. WITHIN WHICH ANY FINAL CABLE ALIGNMENT WOULD BE LOCATED. THEREFORE THE CABLE ALIGNMENT SHOULD BE TREATED AS INDICATIVE ONLY. FURTHER INFORMATION IS PROVIDED IN OUR USUE TO INTERACTING WITH THE CONSULTATION PLANS AND DRAWINGS DOCUMENT.
 - A CO-ORDINATION OPPORTUNITY HAS BEEN IDENTIFIED FOR THE UNDERGROUND HVDC CABLE CORRIDOR IN THE VICINITY OF TIBBETON AND ANDERSONS CORNER WHERE THE PROPOSED SCHEME HAS THE OPPORTUNITY TO ALIGN ITS UNDERGROUND HVDC CABLE CORRIDOR (ALTERNATIVE) WITH THE PROPOSED SIZEMILL LINK ROAD (BLK ROUTE).
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.

CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 541956 M. SHEET CENTRE Y-COORDINATE: 264518 M.



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P01	16/05/2025	FOR STATUTORY CONSULTATION	NG	MD	TD
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SHEET 02 OF 06

Project Name
LIONLINK

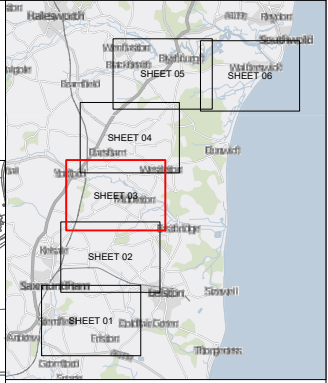
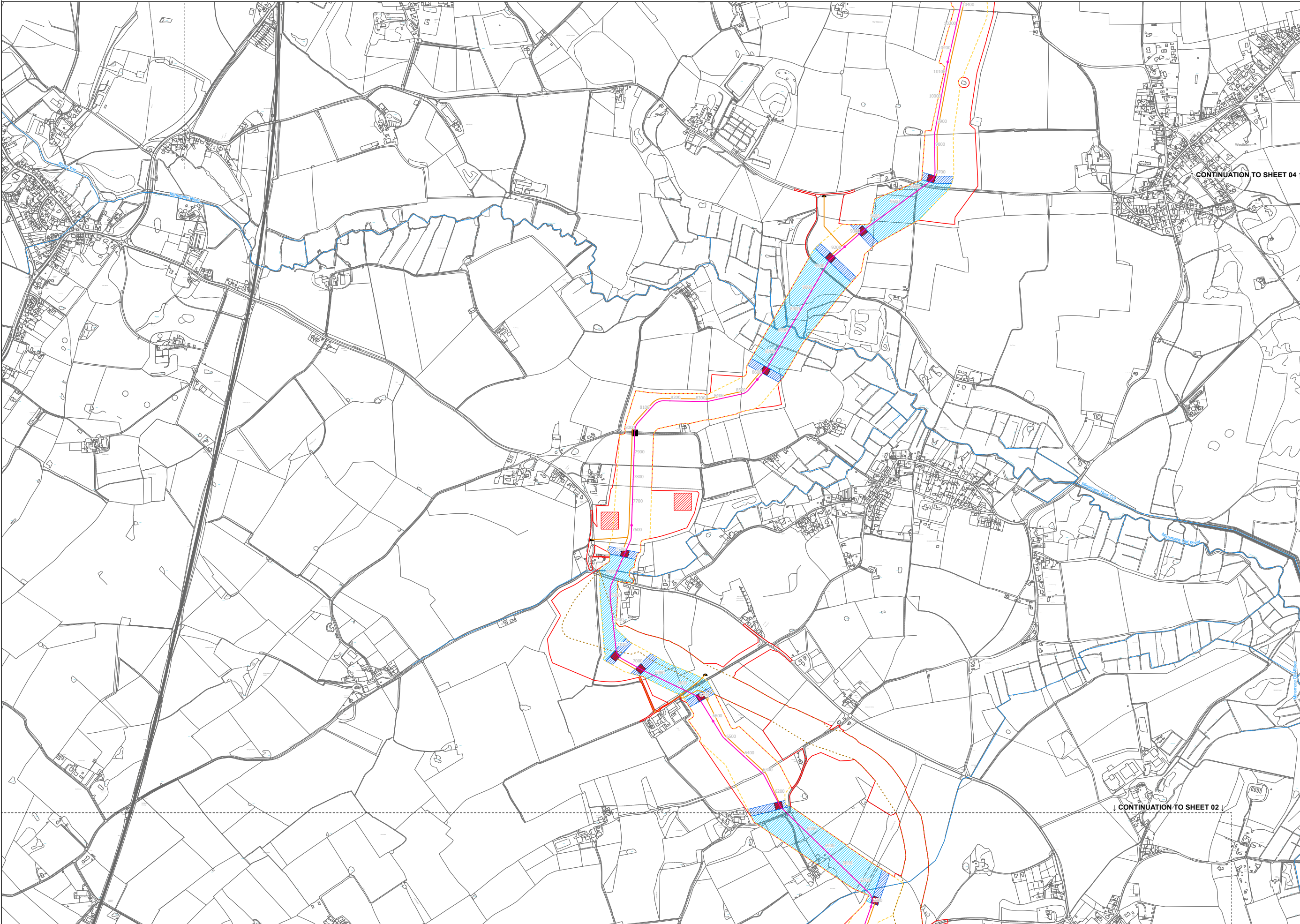
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National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000146

Scale	Sheet Size	Sheet	Issue
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ONSHORE GENERAL ARRANGEMENT PLAN SERIES
FOR STATUTORY CONSULTATION
SHEET 03 OF 06



- LEGEND:
- DRAFT ORDER LIMITS (DOL)
 - CABLE LIMIT OF DEVIATION (LOD)
 - CABLE LIMIT OF DEVIATION (LOD) - ALTERNATIVE
 - ONSHORE HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - HAUL ROAD
 - DETAILED SHEETS
 - CONSTRUCTION COMPOUND
 - TRENCHLESS CROSSING
 - TRENCHLESS CROSSING - COMPOUND ZONE
 - INDICATIVE TRENCHLESS COMPOUND LOCATION
 - INDICATIVE JOINT BAY
 - BELLMOUTH
 - ROAD CROSSING
 - CHAINAGE

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CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 641514E M. SHEET CENTRE Y-COORDINATE: 267617N M



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Item	Date	Revised	Drawn	Checked	Approved
P04	30/09/2025	FOR STATUTORY CONSULTATION	AS	TW	TD
P03	14/08/2025	FOR STATUTORY CONSULTATION	AS	TW	TD
P02	08/07/2025	FOR STATUTORY CONSULTATION	NG	TW	TD
P01	19/05/2025	FOR STATUTORY CONSULTATION	NG	MD	TD

ONSHORE GENERAL ARRANGEMENT PLAN
SERIES FOR STATUTORY CONSULTATION
SHEET 03 OF 06

Project Name
LIONLINK

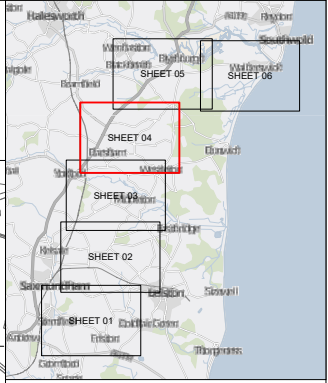
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EN020033

National Grid LionLink Limited Drawing Reference:
LLK1-BRH-DWG-CVD-000147

Scale	Sheet Size	Sheet	Issue
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ONSHORE GENERAL ARRANGEMENT PLAN SERIES
FOR STATUTORY CONSULTATION
SHEET 04 OF 06



- LEGEND:
- DRAFT ORDER LIMITS (DOL)
 - CABLE LIMIT OF DEVIATION (LOD)
 - ONSHORE HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - HAUL ROAD
 - DETAILED SHEETS
 - CONSTRUCTION COMPOUND
 - TRENCHLESS CROSSING
 - TRENCHLESS CROSSING - COMPOUND ZONE
 - INDICATIVE TRENCHLESS COMPOUND LOCATION
 - INDICATIVE JOINT BAY
 - BELLMOUTH
 - ROAD CROSSING
 - CHAINAGE

FOR STATUTORY CONSULTATION PURPOSES ONLY

- NOTES:
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CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 642766 M. SHEET CENTRE Y-COORDINATE: 271689 M.

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ONSHORE GENERAL ARRANGEMENT PLAN
SERIES FOR STATUTORY CONSULTATION
SHEET 04 OF 06

Project Name
LIONLINK

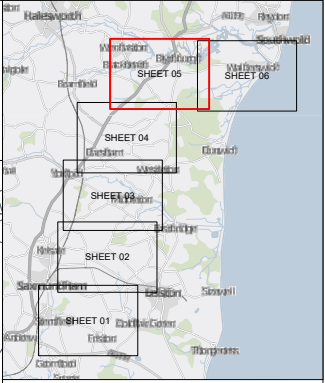
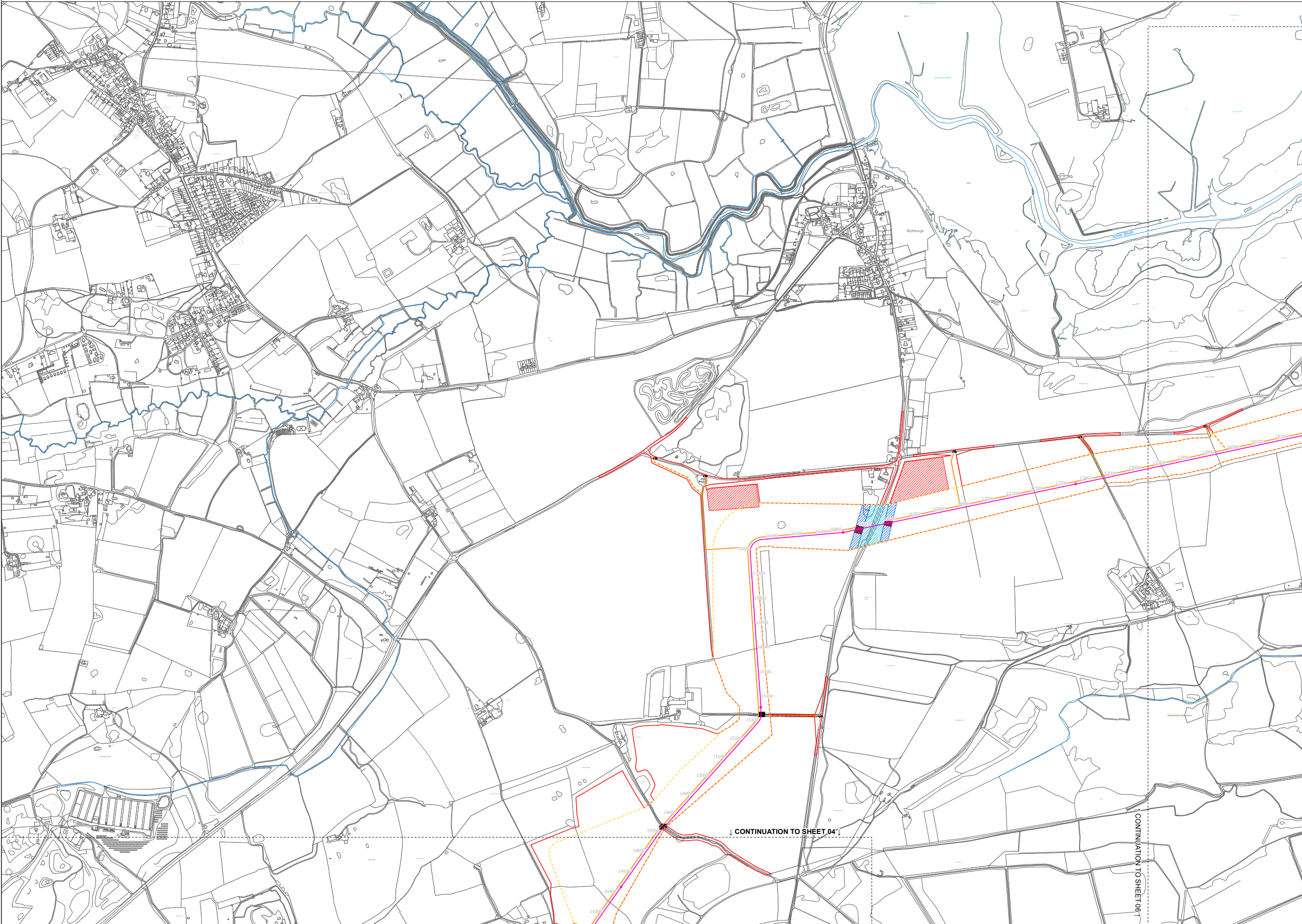
Application Number
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National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000148

Scale	Sheet Size	Sheet	Issue
1:5,000	A0	04 OF 06	P04



ONSHORE GENERAL ARRANGEMENT PLAN SERIES
FOR STATUTORY CONSULTATION
SHEET 05 OF 06



- LEGEND:
- DRAFT ORDER LIMITS (DOL)
 - CABLE LIMIT OF DEVIATION (LOD)
 - ONSHORE HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - HAUL ROAD
 - ALTERNATIVE HAUL ROAD
 - DETAILED SHEETS
 - CONSTRUCTION COMPOUND
 - TRENCHLESS CROSSING
 - TRENCHLESS CROSSING - COMPOUND ZONE
 - INDICATIVE TRENCHLESS COMPOUND LOCATION
 - INDICATIVE JOINT BAY
 - BELLMOUTH
 - ROAD CROSSING
 - CHAINAGE

FOR STATUTORY CONSULTATION PURPOSES ONLY

- NOTES:
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CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 844435 M. SHEET CENTRE Y-COORDINATE: 274289 M.

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P01	16/05/2025	FOR STATUTORY CONSULTATION	NO	MD	TD
Issue	Date	Revised	Drawn	Checked	Approved

ONSHORE GENERAL ARRANGEMENT PLAN
SERIES FOR STATUTORY CONSULTATION
SHEET 05 OF 06

Project Name
LIONLINK

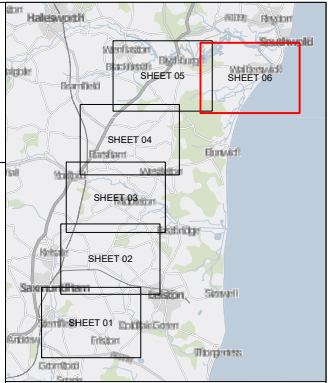
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EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000149

Scale	Sheet Size	Sheet	Issue
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ONSHORE GENERAL ARRANGEMENT PLAN SERIES
FOR STATUTORY CONSULTATION
SHEET 06 OF 06



- LEGEND:
- DRAFT ORDER LIMITS (DOL)
 - CABLE LIMIT OF DEVIATION (LOD)
 - ONSHORE HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - OFFSHORE HIGH VOLTAGE DIRECT CURRENT (HVDC) CABLE ALIGNMENT
 - HAUL ROAD
 - ALTERNATIVE HAUL ROAD
 - DETAILED SHEETS
 - CONSTRUCTION COMPOUND
 - TRENCHLESS CROSSING
 - TRENCHLESS CROSSING - COMPOUND ZONE
 - INDICATIVE TRENCHLESS COMPOUND LOCATION
 - INDICATIVE JOINT BAY
 - BELLMOUTH
 - ROAD CROSSING
 - CHAINAGE

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- THIS PLAN IS SCALED AT PAPER SIZE AL. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - THESE PLANS SHOW THE DRAFT ORDER LIMITS, CABLE LIMIT OF DEVIATION AND PROPOSED CABLE ALIGNMENT. DUE TO THE NEED FOR FURTHER FLEXIBILITY NATIONAL GRID LIONLINK LIMITED WILL BE APPLYING FOR ORDER LIMITS AND LIMITS OF DEVIATION WITHIN ITS APPLICATION FOR DEVELOPMENT CONSENT. WITHIN WHICH ANY FINAL CABLE ALIGNMENT WOULD BE LOCATED. THEREFORE THE CABLE ALIGNMENT SHOULD BE TREATED AS INDICATIVE ONLY. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH THE CONSULTATION PLANS AND DRAWINGS DOCUMENT.
 - THE OFFSHORE HVDC CABLE IS TO BE INSTALLED FROM SHORE TO LAND VIA HORIZONTAL DIRECTIONAL DRILLING HVDC BEFORE TRANSITIONING TO ONSHORE HVDC.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.

CO-ORDINATE SYSTEM: BRITISH NATIONAL GRID
SHEET CENTRE X-COORDINATE: 646756 M. SHEET CENTRE Y-COORDINATE: 2741946 M.



BACKGROUND MAPPING INFORMATION HAS BEEN REPRODUCED FROM THE ORDNANCE SURVEY BY PERMISSION OF ORDNANCE SURVEY OF THE CONTROLLER OF HIS MAJESTY'S STATIONERY OFFICE. CROWN COPYRIGHT ORDNANCE SURVEY © 1988/2004. BLUEBERRY INTERNATIONAL LTD © NATIONAL GRID ELECTRICITY. ESR© COMMUNITY MAPS CONTRIBUTORS: ESR UK, ESR IRE, ESR CANADA, FOUR SQUARE, GEOTECHNOLOGIES, INC, METRANASIA, USGS.

Issue	Date	Revised	Drawn	Checked	Approved
P05	20/10/2025	FOR STATUTORY CONSULTATION	AS	TW	TD
P04	30/09/2025	FOR STATUTORY CONSULTATION	AS	TW	TD
P03	14/08/2025	FOR STATUTORY CONSULTATION	AS	TW	TD
P02	06/07/2025	FOR STATUTORY CONSULTATION	NG	TW	TD
P01	16/05/2025	FOR STATUTORY CONSULTATION	NG	MD	TD

ONSHORE GENERAL ARRANGEMENT PLAN
SERIES FOR STATUTORY CONSULTATION
SHEET 06 OF 06



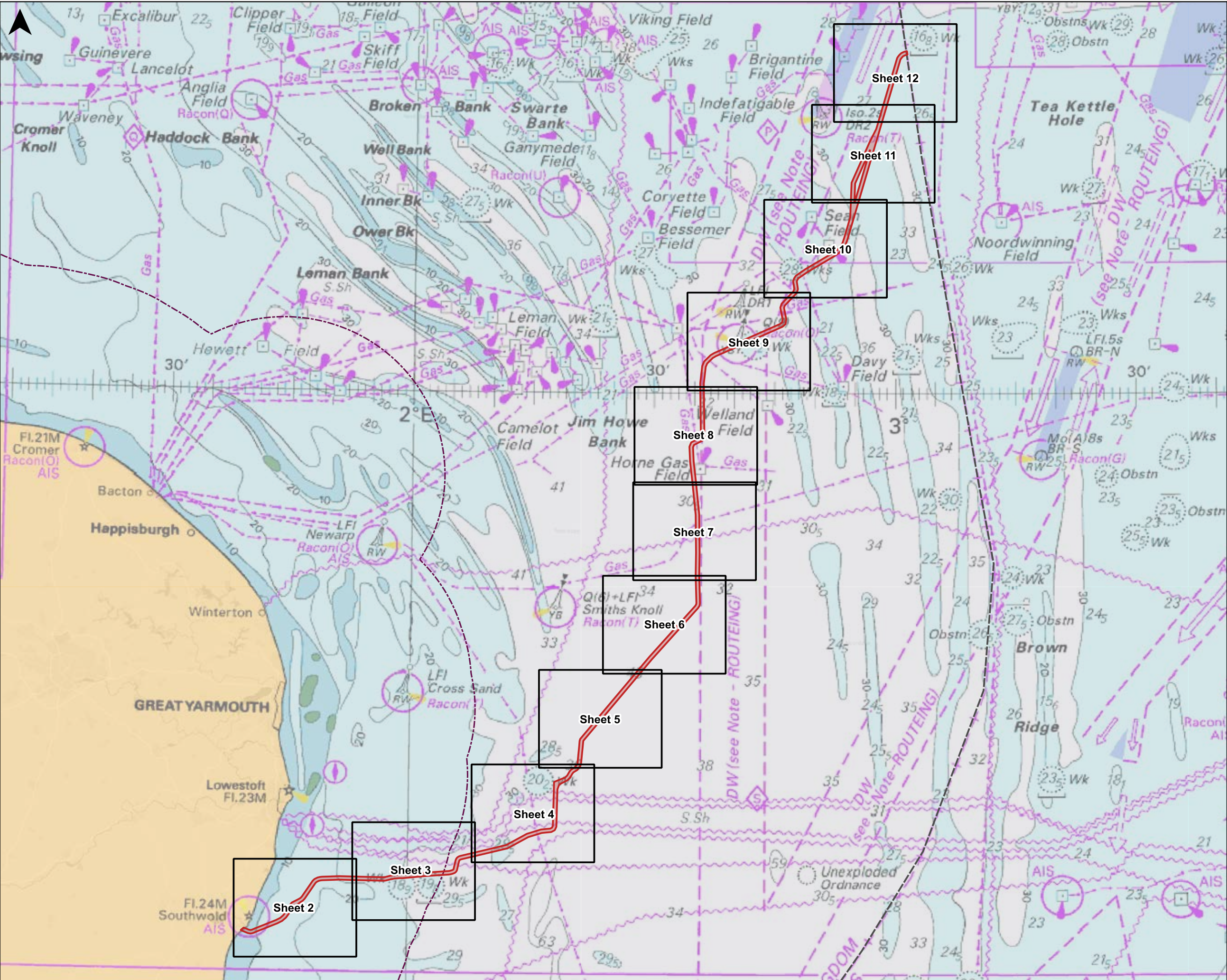
Application Number: EN020033

National Grid LionLink Limited Drawing Reference: LLK1-BRH-DWG-CVD-000150

Scale	Sheet Size	Sheet	Issue
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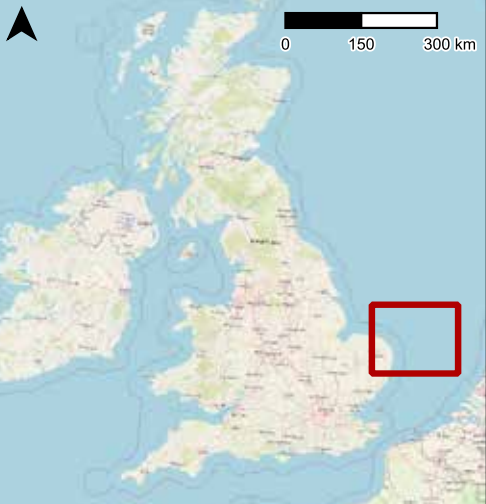
Section Number
01-04

Category Name
Master Key Plan

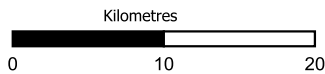


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits
 - 12NM Limit
 - EEZ

FOR STATUTORY CONSULTATION
PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
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Rev	Date	By	Chkd	Appd	Authd
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Project Name

LIONLINK

Client
National Grid LionLink Limited
(NGLLL)

Drawing Title
MASTER KEY PLAN FOR
CONSULTATION
SHEET 1 OF 12

Scale at A3
1:50,000

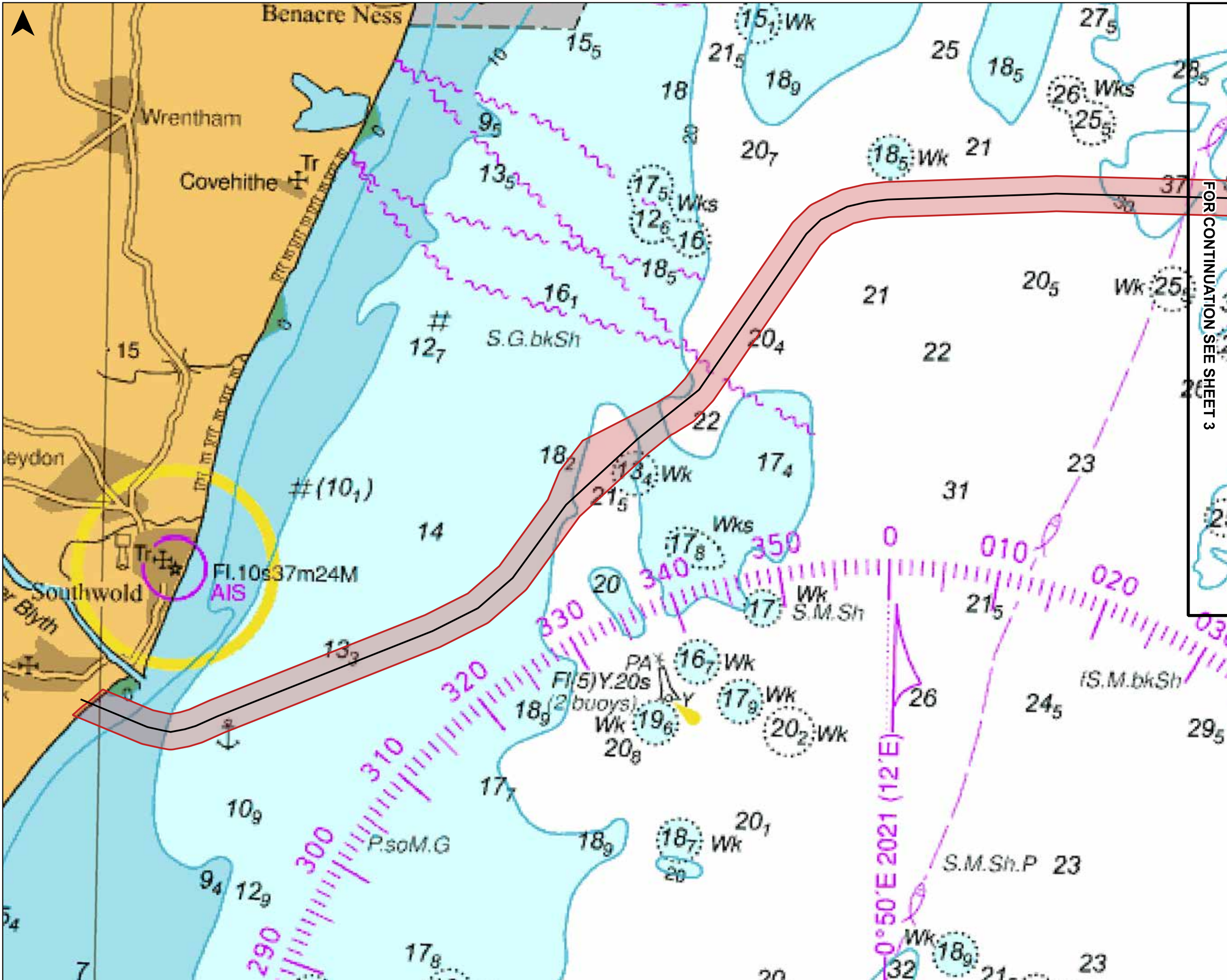
Application Number
EN020033

Suitability
Statutory Consultation

Project Number C01467	Rev C
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Drawing Number
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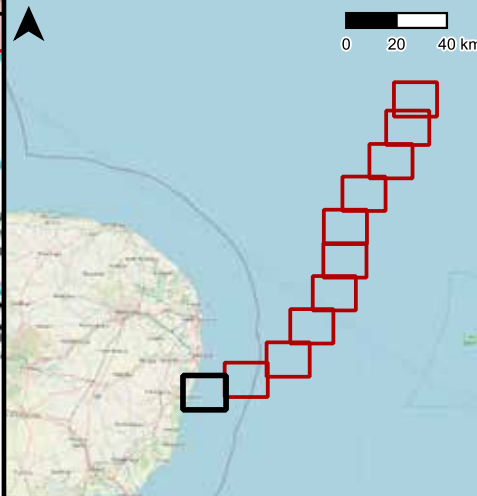
Section Number	Category Name
01-05	Indicative General Arrangement Plan



Legend

- Indicative Marine Route
- Proposed Offshore Scheme
- Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name

LIONLINK

Client
National Grid LionLink Limited (NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
2 OF 12

Scale at A3
1:50,000

Application Number
EN020033

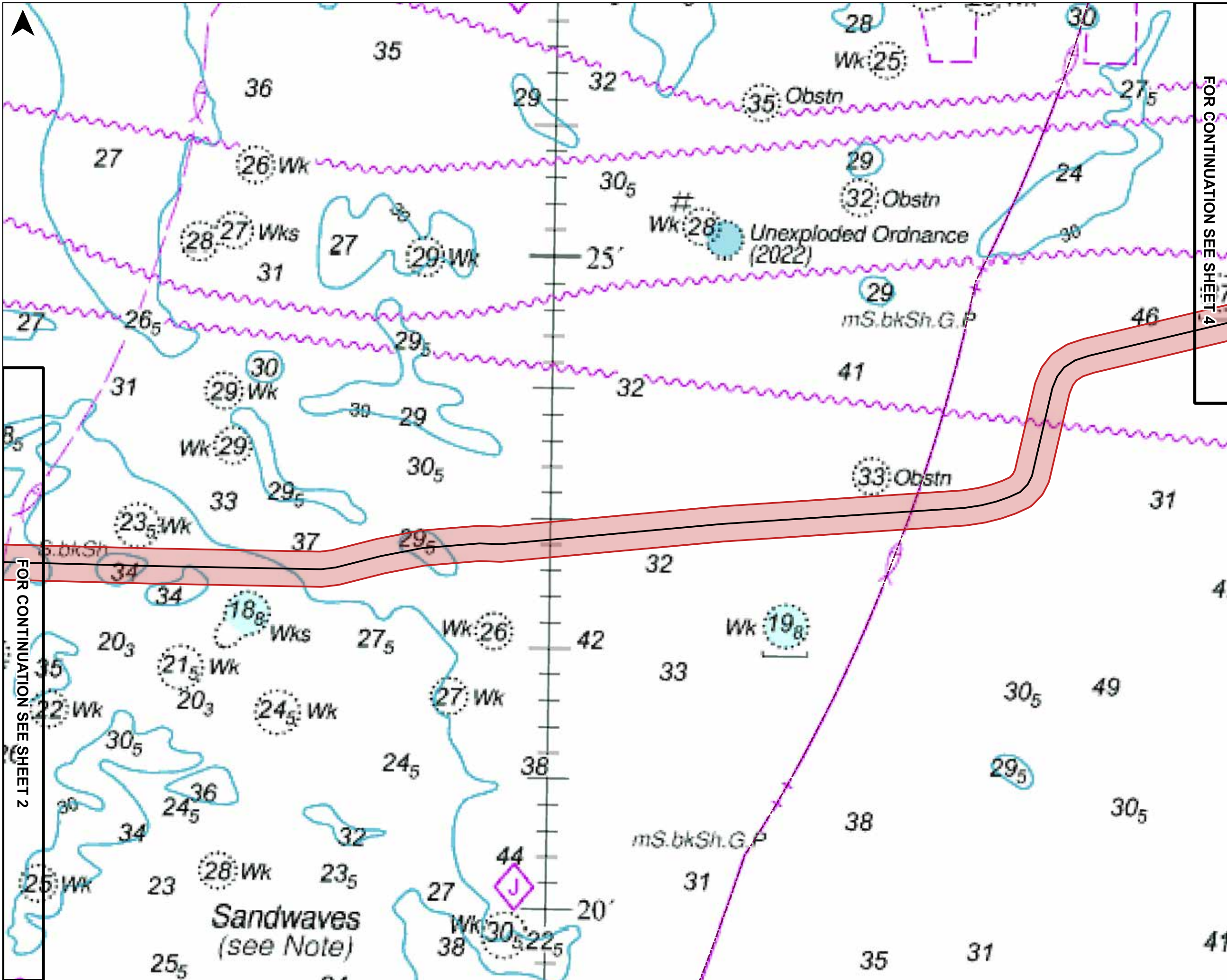
Suitability

Statutory Consultation

Project Number C01467	Rev C
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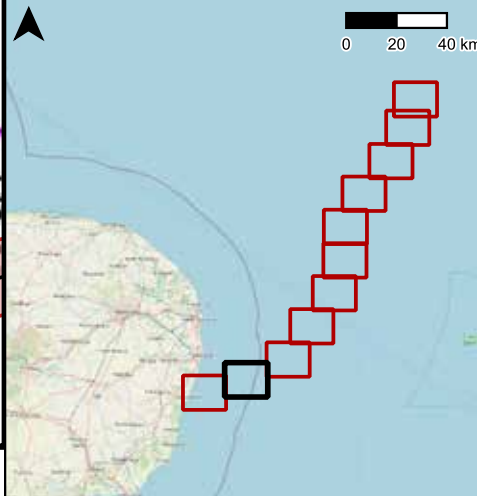
FOR CONTINUATION SEE SHEET 3



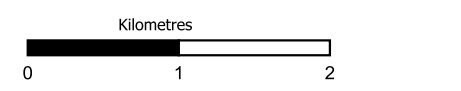
Legend

- Indicative Marine Route
- Proposed Offshore Scheme
- Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name
LIONLINK

Client
National Grid LionLink Limited (NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
3 OF 12

Scale at A3
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Application Number
EN020033

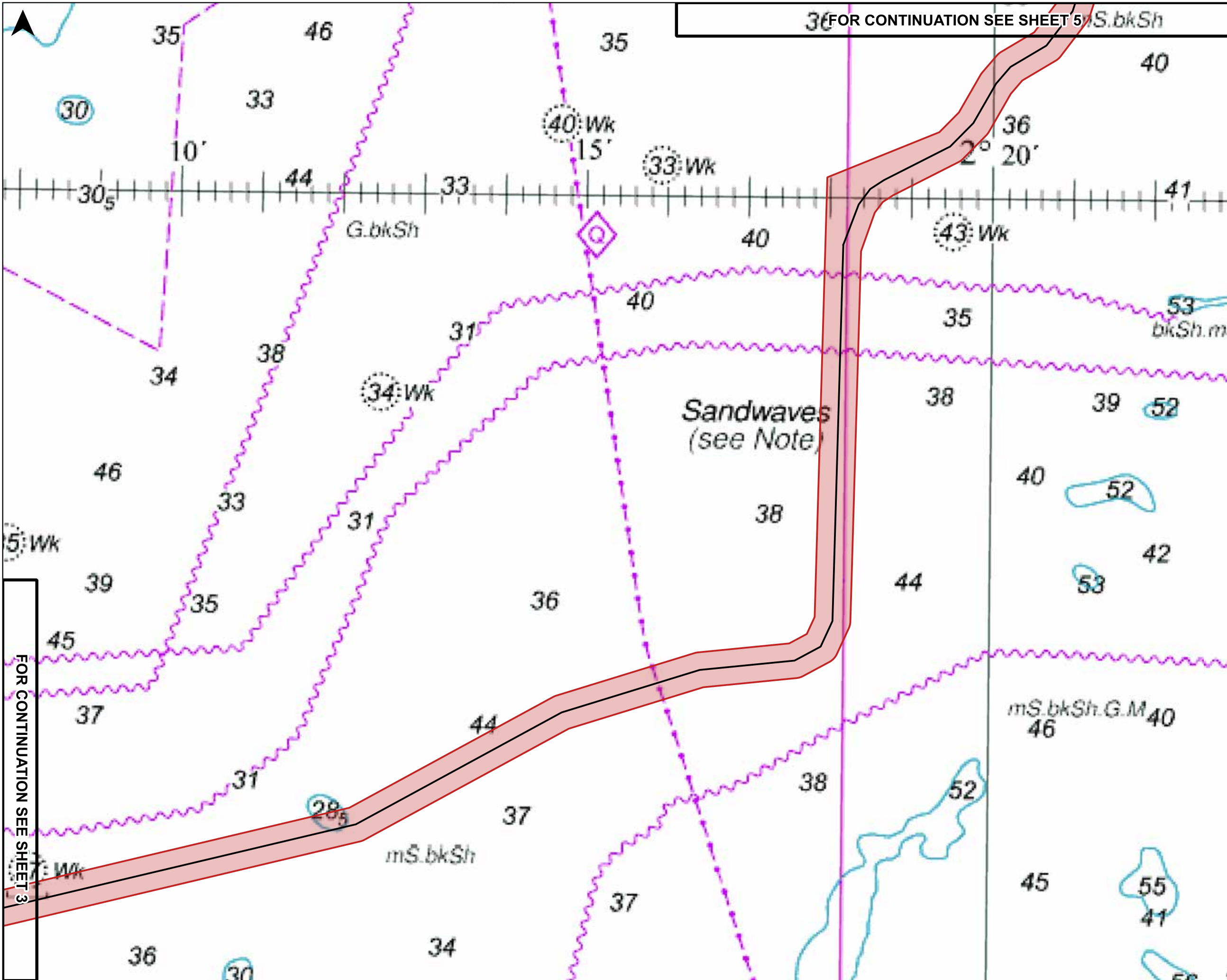
Suitability
Statutory Consultation

Project Number C01467	Rev C
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Drawing Number
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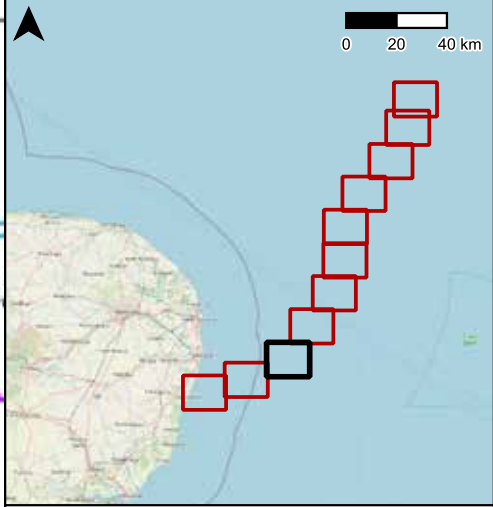
FOR CONTINUATION SEE SHEET 2

FOR CONTINUATION SEE SHEET 4

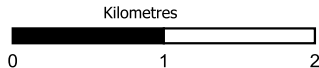


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name
LIONLINK

Client
National Grid LionLink Limited (NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
4 OF 12

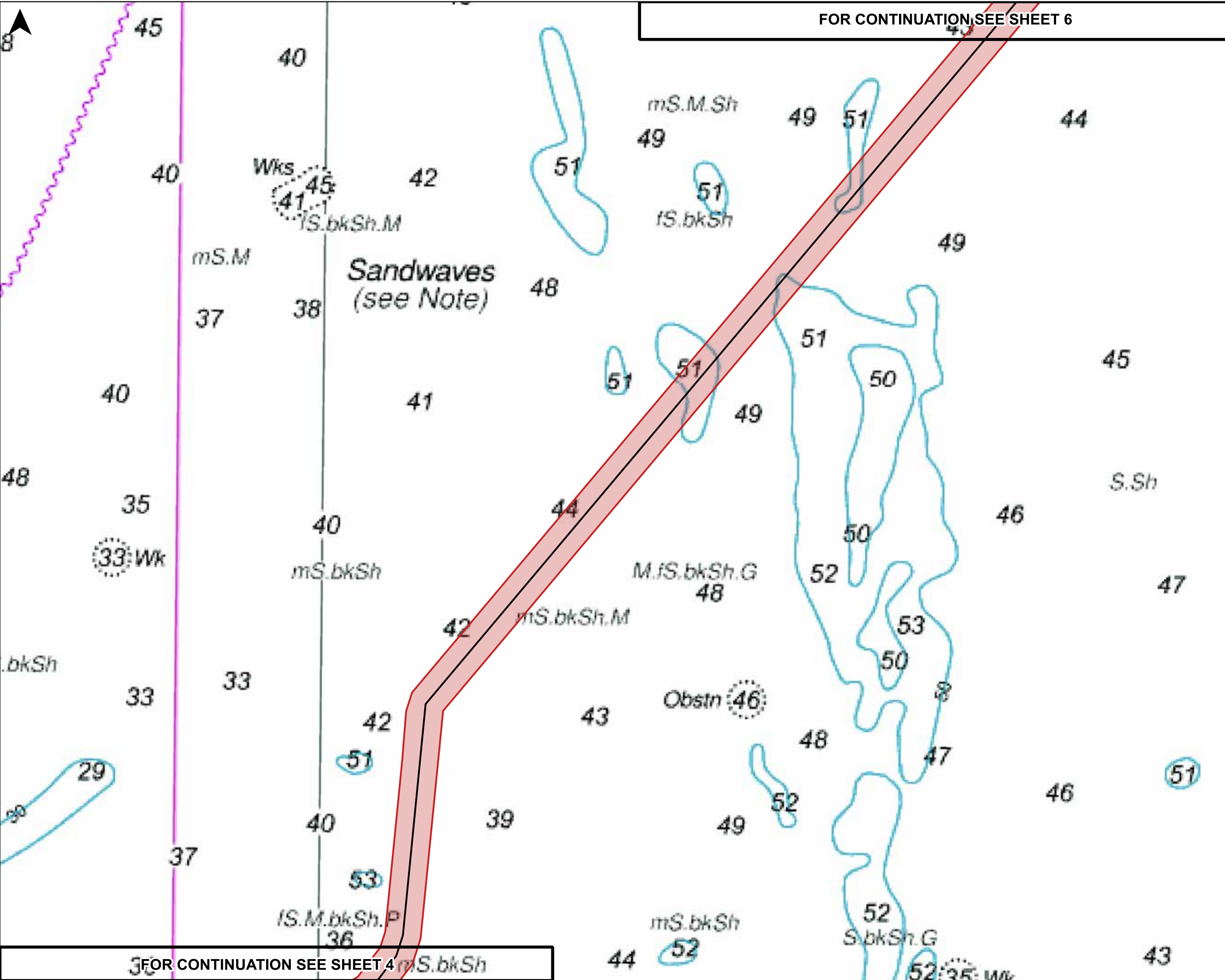
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Application Number
EN020033

Suitability
Statutory Consultation

Project Number C01467	Rev C
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Drawing Number
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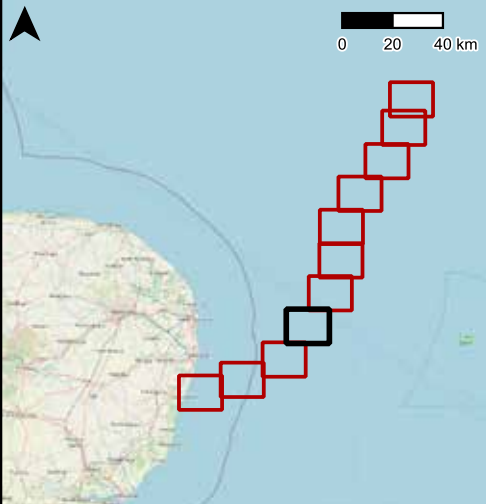


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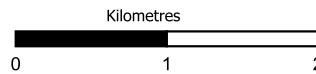
FOR CONTINUATION SEE SHEET 4

- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
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Rev	Date	By	Chkd	Appd	Authd
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Project Name

LIONLINK

Client
National Grid LionLink Limited
(NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
5 OF 12

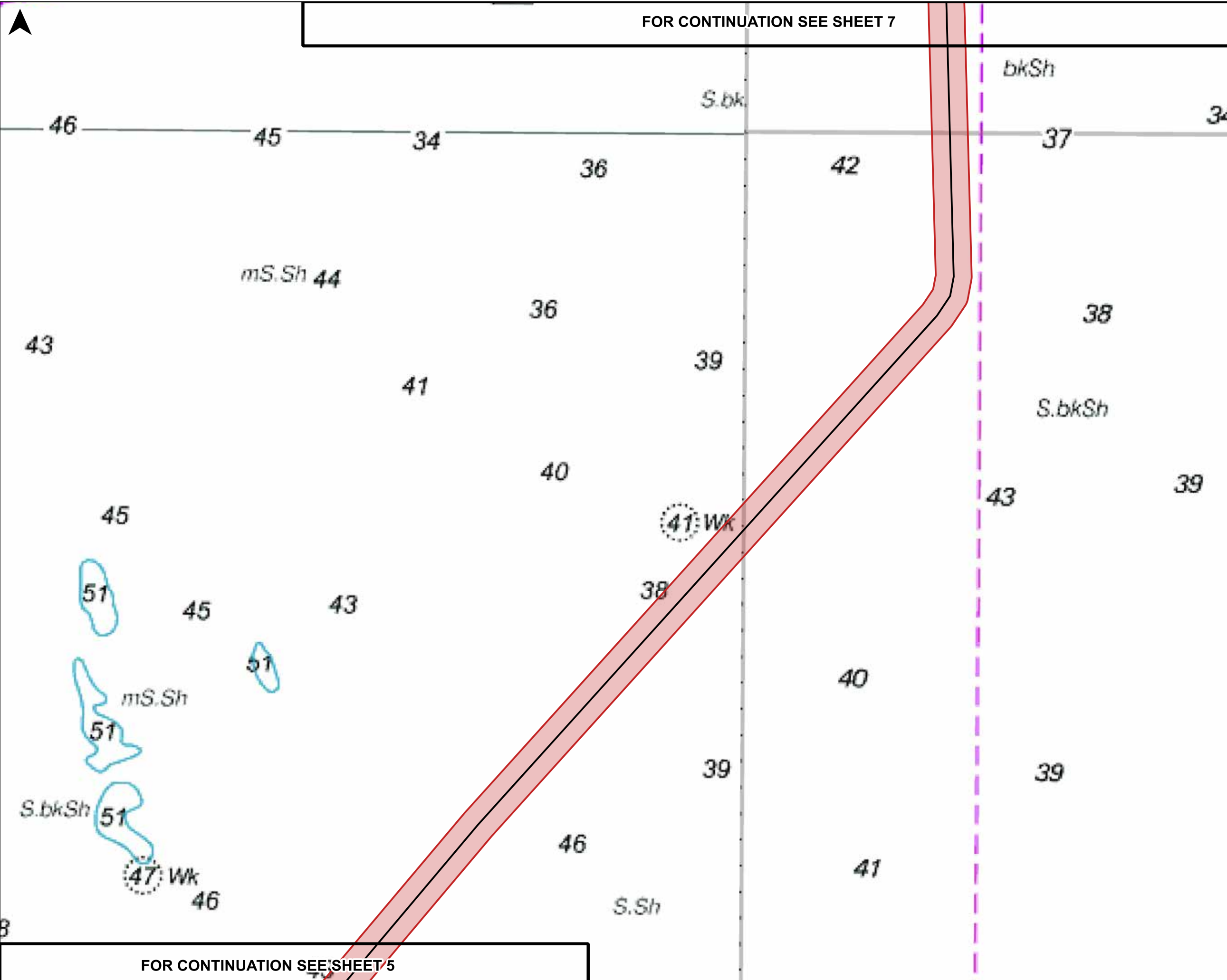
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Application Number
EN020033

Suitability
Statutory Consultation

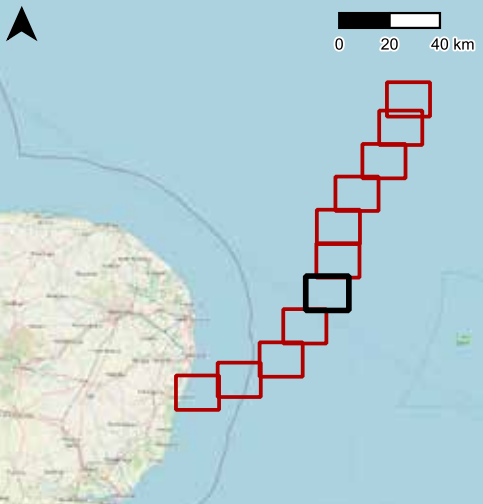
Project Number C01467	Rev C
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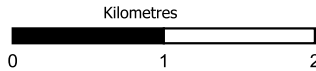


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name
LIONLINK

Client
National Grid LionLink Limited (NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
6 OF 12

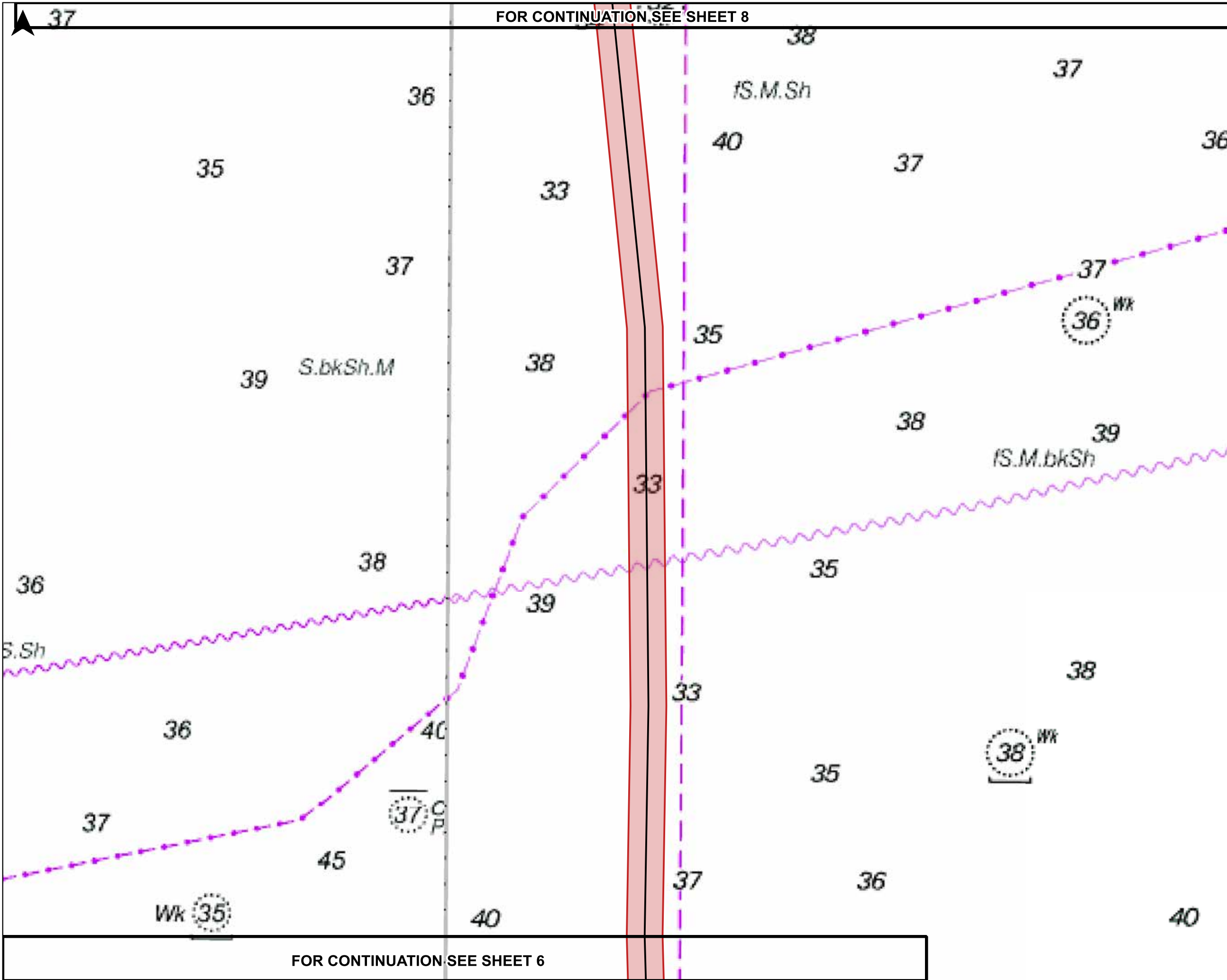
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Application Number
EN020033

Suitability
Statutory Consultation

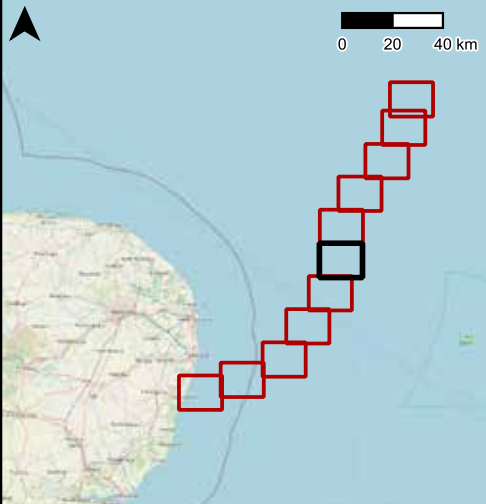
Project Number C01467	Rev C
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Drawing Number
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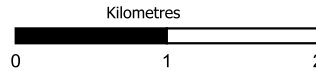


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION
PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
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Rev	Date	By	Chkd	Appd	Authd
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Project Name

LIONLINK

Client
National Grid LionLink Limited
(NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
7 OF 12

Scale at A3
1:50,000

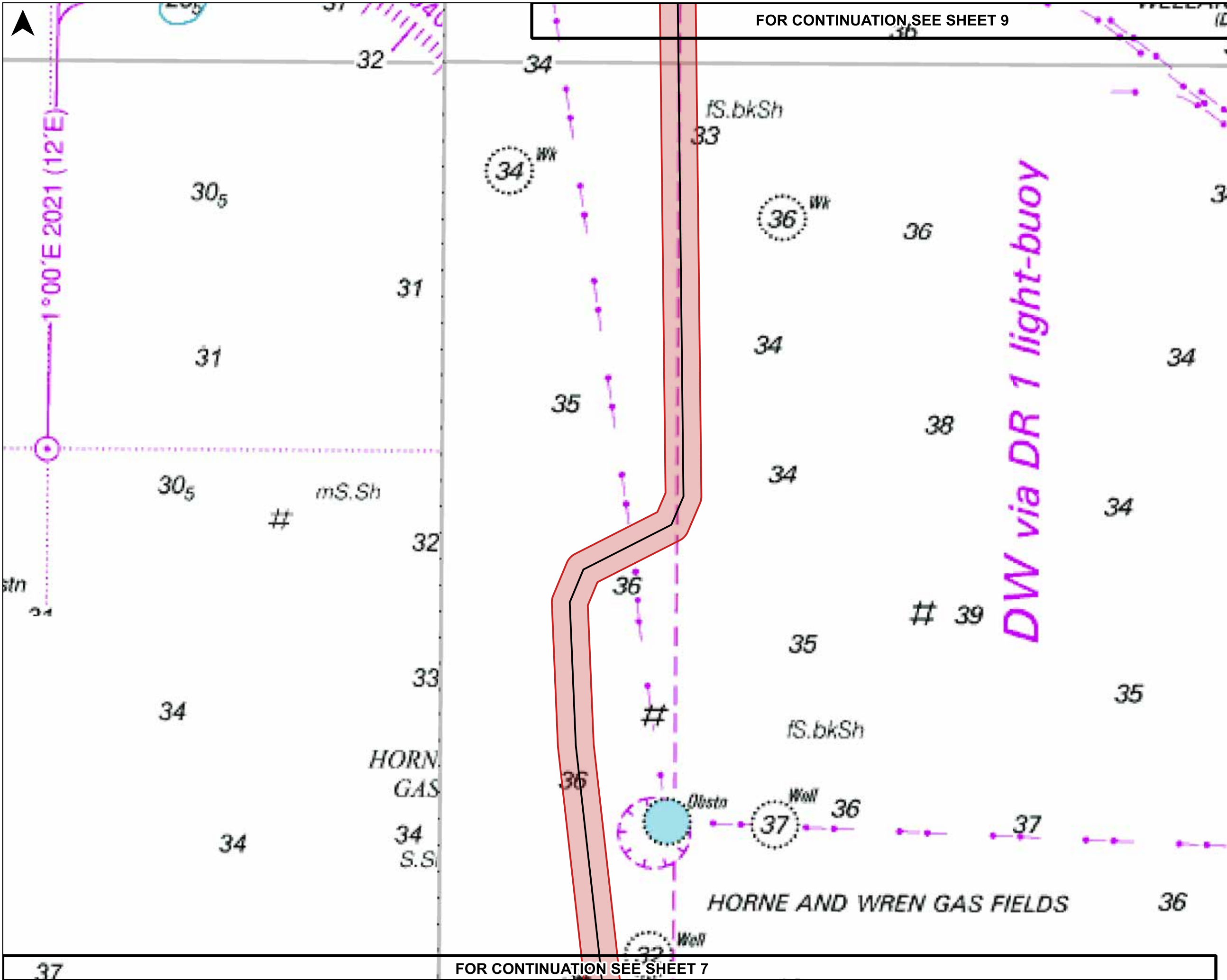
Application Number
EN020033

Suitability
Statutory Consultation

Project Number C01467	Rev C
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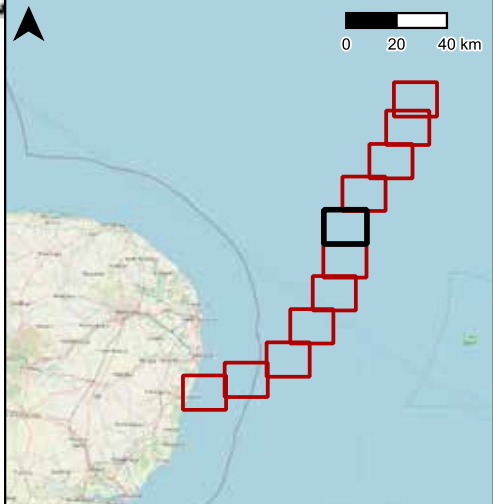
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FOR CONTINUATION SEE SHEET 6

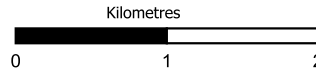


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name

LIONLINK

Client
National Grid LionLink Limited (NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
8 OF 12

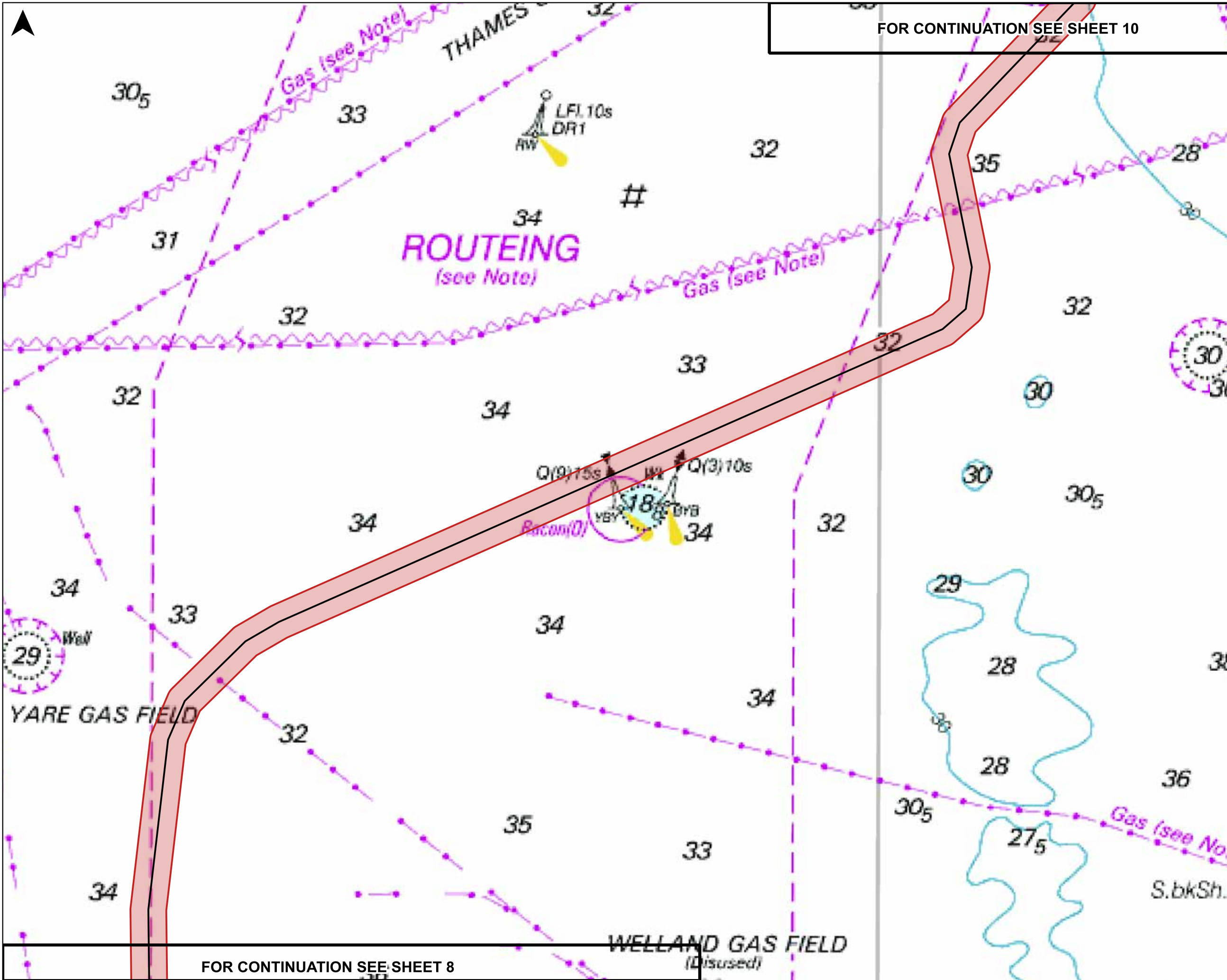
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Application Number
EN020033

Suitability
Statutory Consultation

Project Number C01467	Rev C
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Drawing Number
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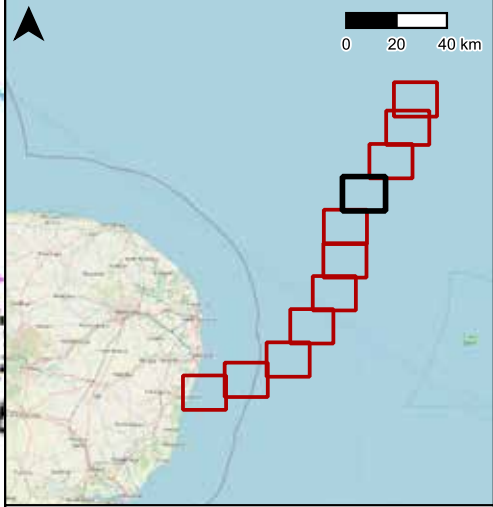


FOR CONTINUATION SEE SHEET 10

FOR CONTINUATION SEE SHEET 8

- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name

LIONLINK

Client

National Grid LionLink Limited (NGLLL)

Drawing Title

GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
9 OF 12

Scale at A3
1:50,000

Application Number

EN020033

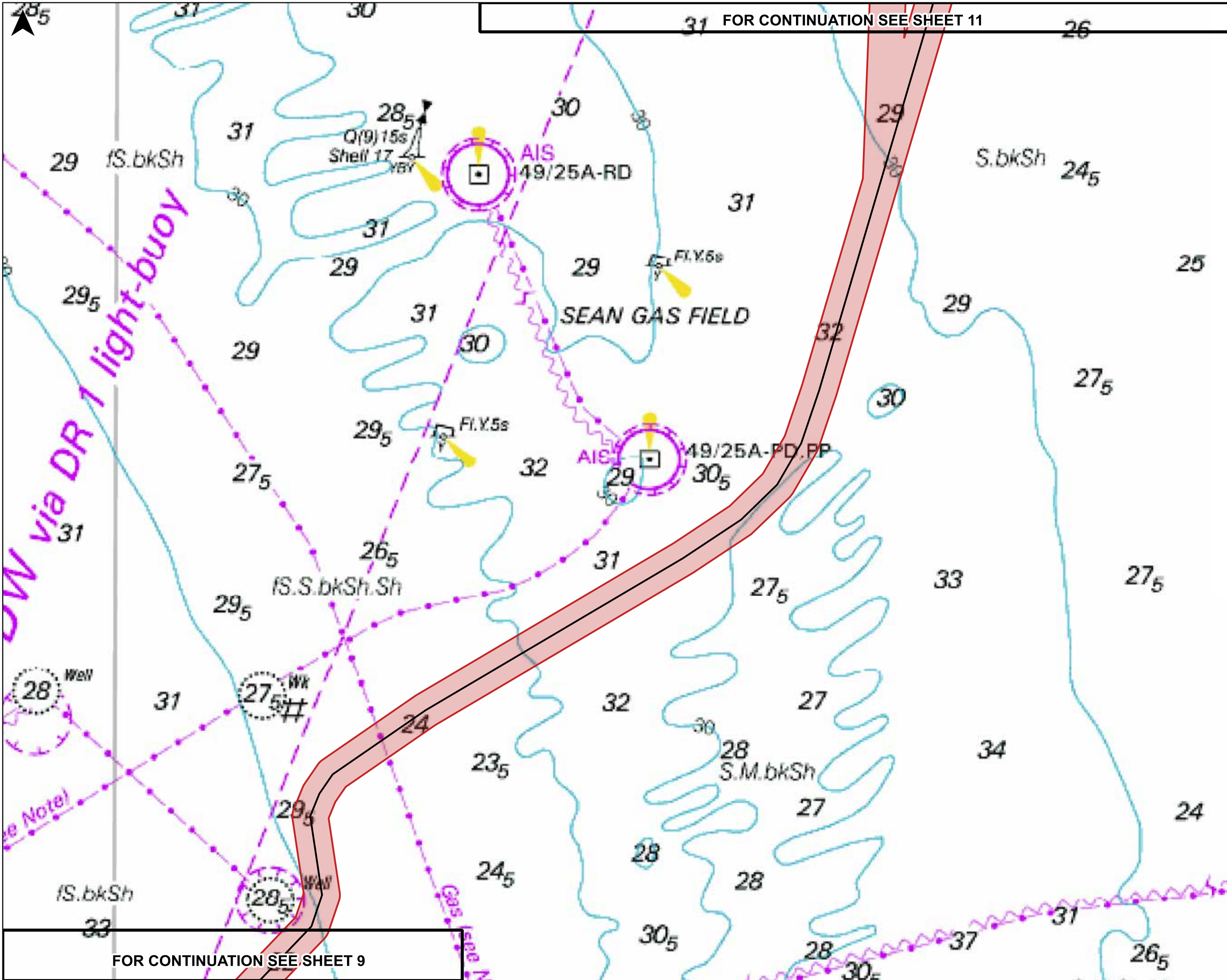
Suitability

Statutory Consultation

Project Number	Rev
C01467	C

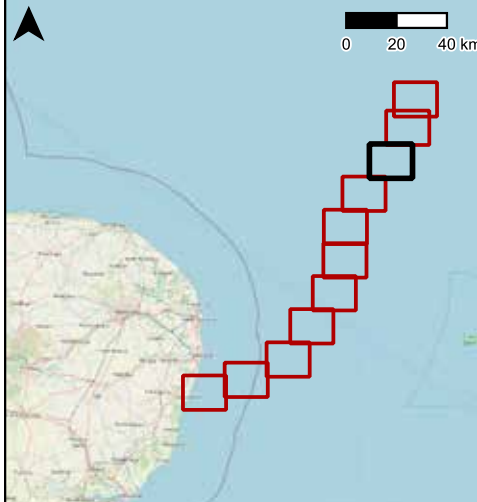
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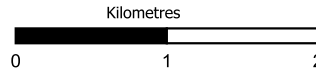


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION
PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
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Rev	Date	By	Chkd	Appd	Authd
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Project Name

LIONLINK

Client
National Grid LionLink Limited
(NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
10 OF 12

Scale at A3
1:50,000

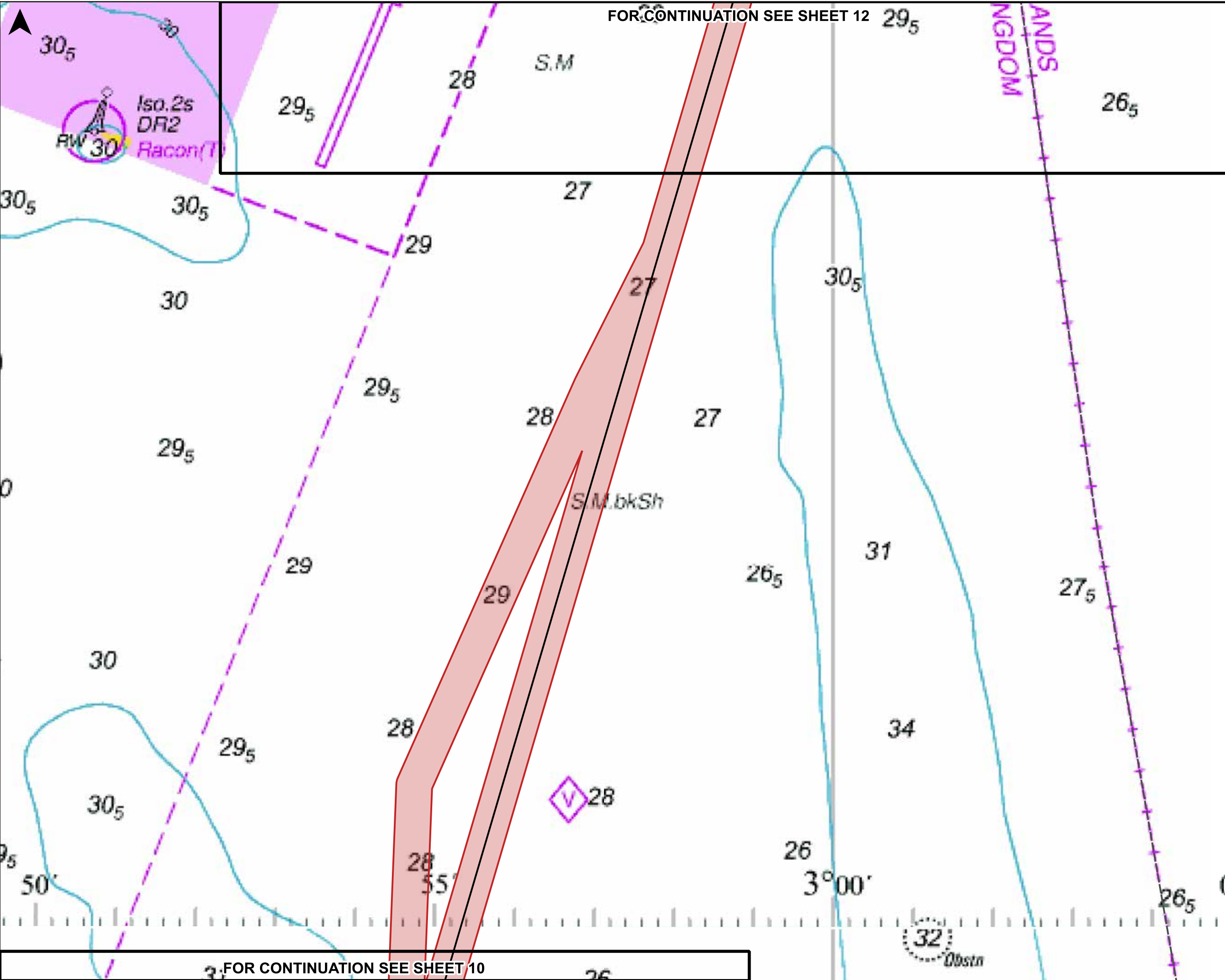
Application Number
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Suitability

Statutory Consultation

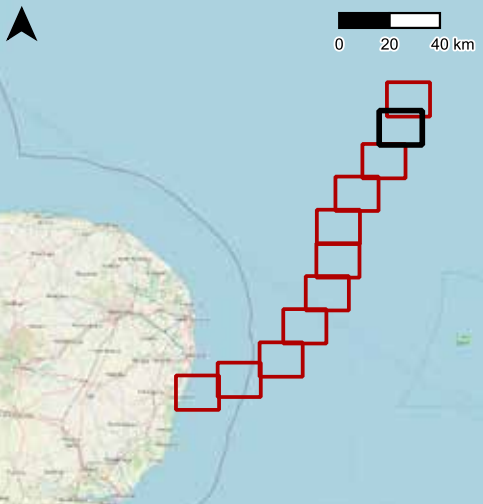
Project Number C01467	Rev C
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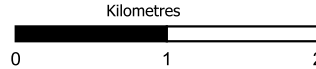


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme Draft Order Limits

FOR STATUTORY CONSULTATION PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



A	03/10/2025	AN	JC	DS	DS
Rev	Date	By	Chkd	Appd	Authd



Project Name
LIONLINK

Client
National Grid LionLink Limited (NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
11 OF 12

Scale at A3
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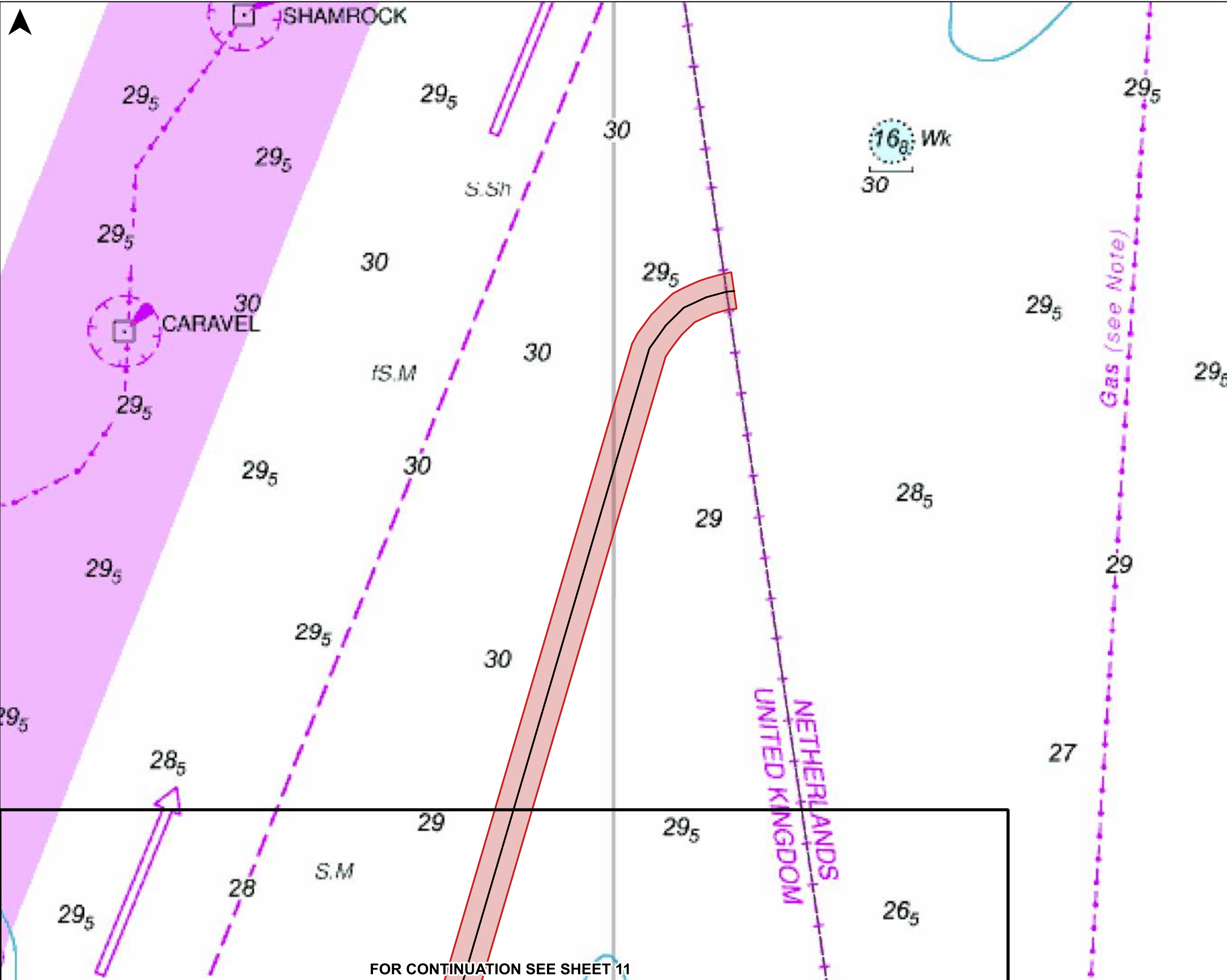
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Suitability

Statutory Consultation

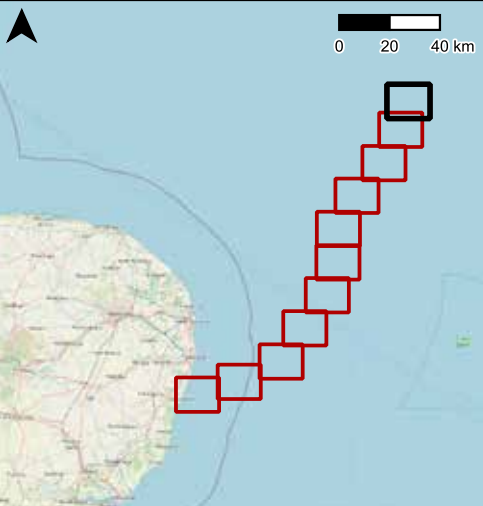
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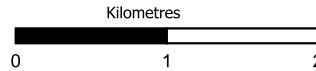


- Legend
- Indicative Marine Route
 - Proposed Offshore Scheme
 - Draft Order Limits

FOR STATUTORY CONSULTATION
PURPOSES ONLY



Coordinate System
WGS 84 / UTM zone 31N



Rev	Date	By	Chkd	Appd	Authd
A	03/10/2025	AN	JC	DS	DS



Project Name

LIONLINK

Client
National Grid LionLink Limited
(NGLLL)

Drawing Title
GENERAL ARRANGEMENT PLAN
SERIES FOR CONSULTATION SHEET
12 OF 12

Scale at A3
1:50,000

Application Number
EN020033

Suitability
Statutory Consultation

Project Number C01467	Rev C
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Drawing Number
LLK1-CEA-DWG-ENV-00089

FOR CONTINUATION SEE SHEET 11

Section Number
02-01

Category Name
Kiln Lane 400 kV Substation

NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL LIONLINK WORKS SHOULD KILN LANE 400kV GIS BE DEVELOPED BY OTHERS FOR STATUTORY CONSULTATION
SHEET 01 OF 01



NOMINAL SYSTEM VOLTAGE	PHASE TO EARTH	PHASE TO PHASE	SAFETY DISTANCE (FROM NATIONAL GRID SAFETY RULES)	DESIGN CLEARANCE FOR SAFETY (VERTICAL) Ds	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) Dsh	INSULATION HEIGHT Ih
kV	mm	mm	mm	mm	mm	mm
400	2800	3600	3100	5500	4600	2400

KEY TO 400kV EQUIPMENT TYPES	
REF	EQUIPMENT TYPE
LCC	LOCAL CONTROL CABINET
MBS	MAIN BUS SECTION
RBS	RESERVE BUS SECTION
GIS	GAS INSULATED SWITCHGEAR
Ds	DESIGN CLEARANCE FOR SAFETY (VERTICAL)
Dsh	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL)
BC	BUS COUPLER
AIS	AIR INSULATED SWITCHGEAR
Ih	INSULATION HEIGHT (PEDESTRIAN ACCESS)

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A1, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN.
 - THIS DRAWING SHOWS THE EXTENSION WORKS REQUIRED TO CONNECT TWO NEW LIONLINK CIRCUITS ONTO EXISTING KILN LANE GIS SUBSTATION CONSTRUCTED BY OTHERS.
 - DO NOT SCALE FROM THIS DRAWING.
 - THE EXISTING ARRANGEMENT REFERS TO THE LAYOUT OF KILN LANE SUBSTATION AS IT WOULD APPEAR IF CONSTRUCTED PRIOR TO THE COMMENCEMENT OF LIONLINK.
 - A 2m FLAT STERILE SECURITY ZONE SPACING OUTSIDE THE SUBSTATION IS MAINTAINED AROUND THE PERIMETER FENCE.

- LEGEND:
- x — FENCE
 - - - - - LIMIT OF LAND
 - EXISTING ARRANGEMENT
 - EXTENSION / NEW EQUIPMENT
 - REMOVAL OF EXISTING ARRANGEMENT

ID	DESCRIPTION
01	400kV AIS CAPACITIVE VOLTAGE TRANSFORMER
02	400kV AIS EARTH SWITCH
03	400kV AIS SURGE ARRESTOR
04	400kV GIS / AIR BUSHING
05	400kV GIS HALL
06	400kV ANNEX BUILDING
07	HARDSTANDING AREA
08	AMENITIES BLOCK
09	400kV GIS SURGE ARRESTOR
10	400kV GIS / CABLE INTERFACE
11	STORAGE
12	WORKSHOP
13	EMERGENCY DIESEL GENERATOR
14	DIESEL TANK
15	PARKING
16	DISTRIBUTED RELAY ROOM 1
17	DISTRIBUTED RELAY ROOM 2
18	DISTRIBUTED RELAY ROOM 3
19	DISTRIBUTED RELAY ROOM 4
20	400kV CAPACITIVE VOLTAGE TRANSFORMER 3-PHASE WITH POWER QUALITY MONITORING
21	400kV INDUCTIVE VOLTAGE TRANSFORMER
22	400kV CABLE SEALING END
23	400kV AIS CURRENT TRANSFORMER
24	GANTRY
25	ACCESS GATE

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Checked	Approved
P03	23/09/2025	AS PER CLIENT'S INSTRUCTION	CAE	US	RU
P02	22/07/2025	FOR STATUTORY CONSULTATION	AAK	US	NS
P01	02/06/2025	FIRST ISSUE	CAE	US	NS

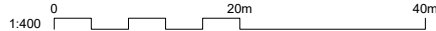
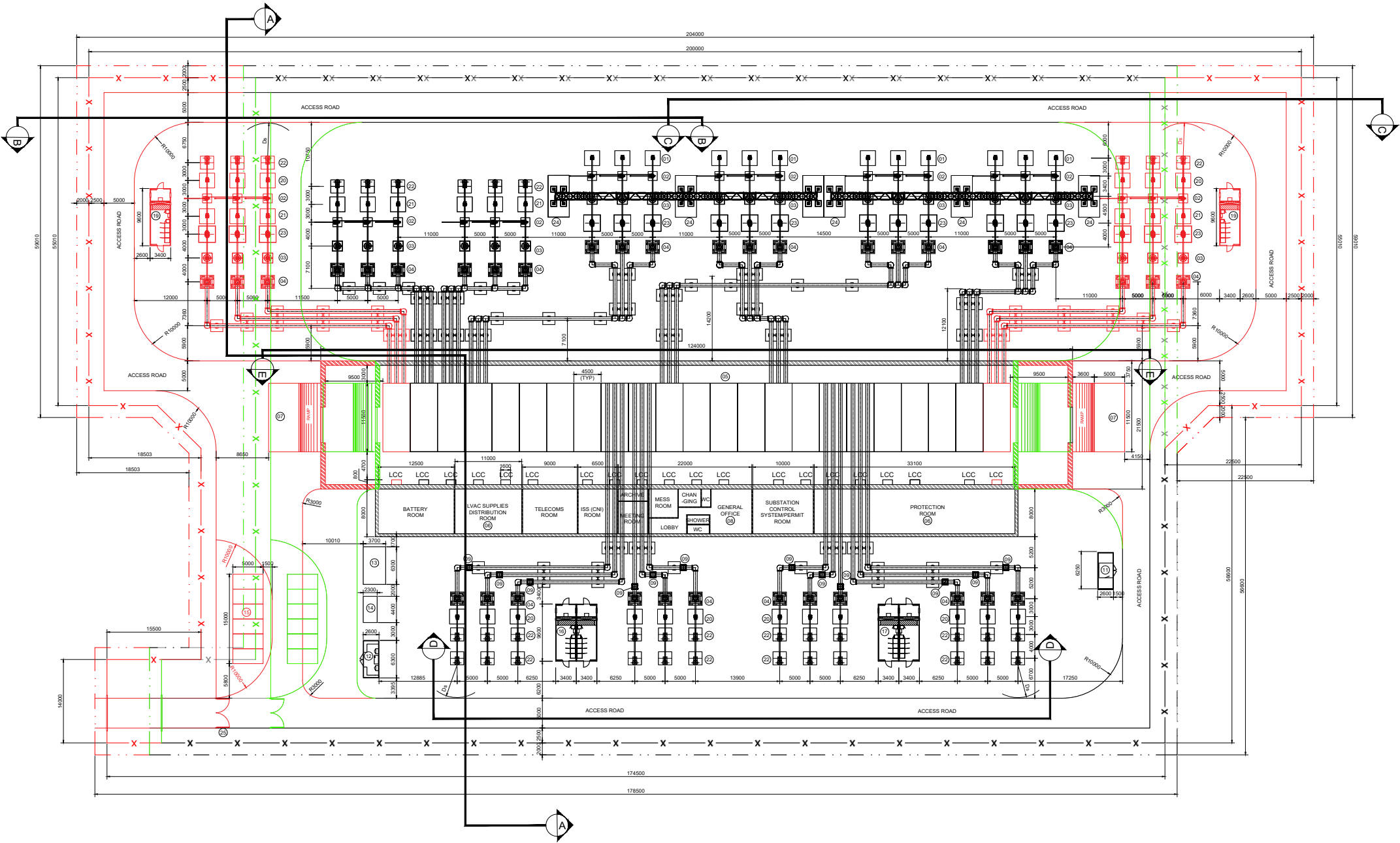
Title
NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL LIONLINK WORKS SHOULD KILN LANE 400kV GIS BE DEVELOPED BY OTHERS
SHEET 01 OF 01



Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000159

Scale	Sheet Size	Sheet	Issue
1:400	A1	01 OF 01	P03



NATIONAL GRID LIONLINK LIMITED (NGLLL)

TYPICAL LIONLINK WORKS FOR KILN LANE 400kV GIS SUBSTATION IN SCENARIO WHERE NO CONSTRUCTION BY THIRD PARTY FOR STATUTORY CONSULTATION

SHEET 01 OF 01



NOMINAL SYSTEM VOLTAGE	PHASE TO EARTH	PHASE TO PHASE	SAFETY DISTANCE (FROM NATIONAL GRID SAFETY RULES)	DESIGN CLEARANCE FOR SAFETY (VERTICAL) Ds	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) Dsh	INSULATION HEIGHT lh
kV	mm	mm	mm	mm	mm	mm
400	2800	3600	3100	5500	4600	2400

KEY TO 400kV EQUIPMENT TYPES	
REF	EQUIPMENT TYPE
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Ds	DESIGN CLEARANCE FOR SAFETY (VERTICAL)
Dsh	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL)
BC	BUS COUPLER
AIS	AIR INSULATED SWITCHGEAR
lh	INSULATION HEIGHT (PEDESTRIAN ACCESS)

- NOTES:
1.

THIS PLAN IS SCALED AT PAPER SIZE A1. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
2.

FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
3.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
4.

THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN.
5.

THIS DRAWING SHOWS THE WORKS REQUIRED FOR THE FULL BUILD OUT OF KILN LANE SUBSTATION INCLUDING THE TWO LIONLINK CIRCUIT CONNECTIONS, WITH NO CONSTRUCTION BY THIRD PARTY.
6.

A 2m FLAT STERILE SECURITY ZONE SPACING OUTSIDE THE SUBSTATION IS MAINTAINED AROUND THE PERIMETER FENCE.
7.

THE FULL BUILD OUT REFERS TO THE COMPLETE FINAL DESIGN OF THE SUBSTATION INCLUDING THE LIONLINK EQUIPMENT

- LEGEND:
- FENCE

LIMIT OF LAND

NEW EQUIPMENT

ID	DESCRIPTION
01	400kV AIS CAPACITIVE VOLTAGE TRANSFORMER
02	400kV AIS EARTH SWITCH
03	400kV AIS SURGE ARRESTOR
04	400kV GIS / AIR BUSHING
05	400kV GIS HALL
06	400kV ANNEX BUILDING
07	HARDSTANDING AREA
08	AMENITIES BLOCK
09	400kV GIS SURGE ARRESTOR
10	400kV GIS / CABLE INTERFACE
11	STORAGE
12	WORKSHOP
13	EMERGENCY DIESEL GENERATOR
14	DIESEL TANK
15	PARKING
16	DISTRIBUTED RELAY ROOM 1
17	DISTRIBUTED RELAY ROOM 2
18	DISTRIBUTED RELAY ROOM 3
19	DISTRIBUTED RELAY ROOM 4
20	400kV CAPACITIVE VOLTAGE TRANSFORMER 3-PHASE WITH POWER QUALITY MONITORING
21	400kV INDUCTIVE VOLTAGE TRANSFORMER
22	400kV CABLE SEALING END
23	400kV AIS CURRENT TRANSFORMER
24	GANTRY
25	ACCESS GATE
26	ARCHIVE ROOM
27	MEETING ROOM

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Checked	Approved
P03	23/09/2025	AS PER CLIENT'S INSTRUCTION	CAE	US	RU
P02	22/07/2025	FOR STATUTORY CONSULTATION	AAK	US	RU
P01	04/06/2025	FIRST ISSUE	CAE	US	RU

Title

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL LIONLINK WORKS FOR KILN LANE 400kV GIS
SUBSTATION IN SCENARIO WHERE NO CONSTRUCTION
BY THIRD PARTY FOR STATUTORY CONSULTATION
SHEET 01 OF 01



Application Number

EN020033

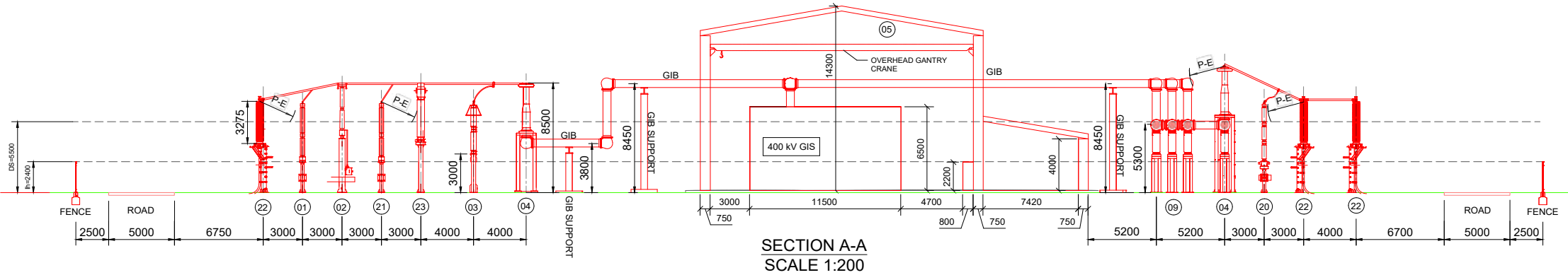
National Grid LionLink Limited Drawing Reference

LLK1-BRH-DWG-CVD-000160

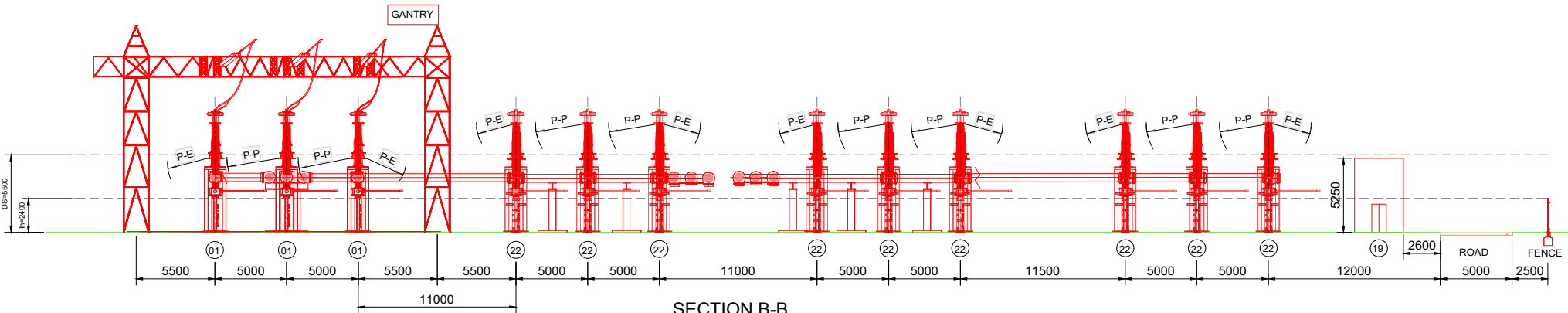
Scale	Sheet Size	Sheet	Issue
1:400	A1	01 OF 01	P03

NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL KILN LANE 400kV GIS SUBSTATION ELEVATION FOR STATUTORY CONSULTATION
SHEET 01 OF 01

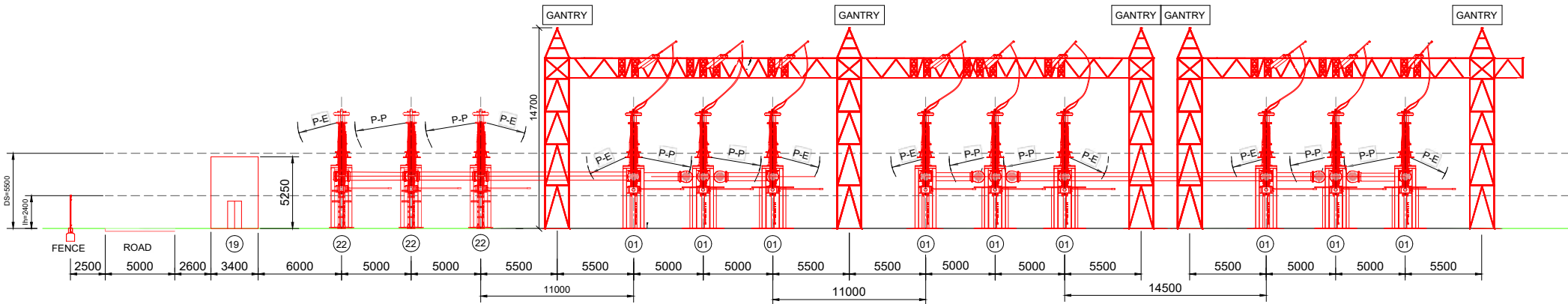
NOMINAL SYSTEM VOLTAGE	PHASE TO EARTH (P-E)	PHASE TO PHASE (P-P)	SAFETY DISTANCE (FROM NATIONAL GRID SAFETY RULES)	DESIGN CLEARANCE FOR SAFETY (VERTICAL) Ds	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL) Dsh	INSULATION HEIGHT Ih
KV	mm	mm	mm	mm	mm	mm
400	2800	3600	3100	5500	4600	2400



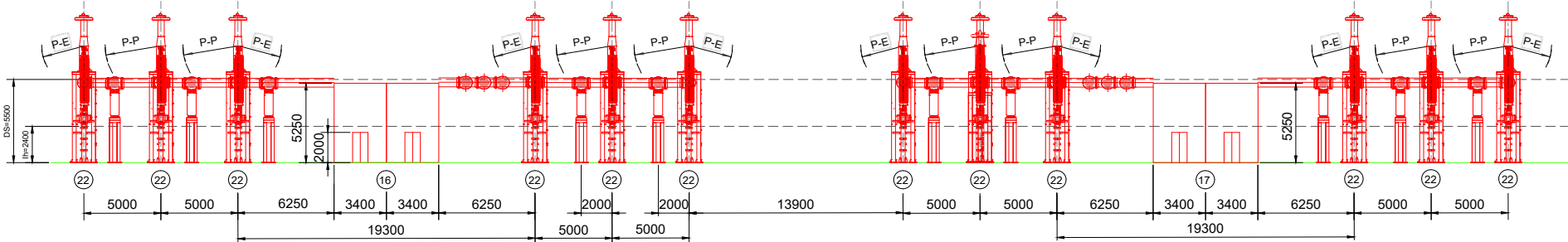
SECTION A-A
SCALE 1:200



SECTION B-B
SCALE 1:200



SECTION C-C
SCALE 1:200



SECTION D-D
SCALE 1:200

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A1, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE, AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN.
 - THIS DRAWING SHOWS THE ELEVATIONS AS PER THE SECTION MARKERS IN LK1-BRH-DWG-CVD-000160.
 - THIS DRAWING SHOWS THE WORKS REQUIRED FOR THE FULL BUILD OUT OF KILN LANE SUBSTATION INCLUDING THE TWO LIONLINK CIRCUIT CONNECTIONS.

- LEGEND:
- NEW EQUIPMENT
 - SURFACE LEVEL

REF	EQUIPMENT TYPE
LCC	LOCAL CONTROL CABINET
MBS	MAIN BUS SECTION
RBS	RESERVE BUS SECTION
GIS	GAS INSULATED SWITCHGEAR
Ds	DESIGN CLEARANCE FOR SAFETY (VERTICAL)
Dsh	DESIGN CLEARANCE FOR SAFETY (HORIZONTAL)
BC	BUS COUPLER
AIS	AIR INSULATED SWITCHGEAR
Ih	INSULATION HEIGHT (PEDESTRIAN ACCESS)
P-E	PHASE TO EARTH
P-P	PHASE TO PHASE

ID	DESCRIPTION
01	400kV AIS CAPACITIVE VOLTAGE TRANSFORMER
02	400kV AIS EARTH SWITCH
03	400kV AIS SURGE ARRESTOR
04	400kV GIS / AIR BUSHING
05	400kV GIS HALL
06	400kV ANNEX BUILDING
07	HARDSTANDING AREA
08	AMENITIES BLOCK
09	400kV GIS SURGE ARRESTOR
10	400kV GIS / CABLE INTERFACE
11	STORAGE
12	WORKSHOP
13	EMERGENCY DIESEL GENERATOR
14	DIESEL TANK
15	PARKING
16	DISTRIBUTED RELAY ROOM 1
17	DISTRIBUTED RELAY ROOM 2
18	DISTRIBUTED RELAY ROOM 3
19	DISTRIBUTED RELAY ROOM 4
20	400kV CAPACITIVE VOLTAGE TRANSFORMER 3-PHASE WITH POWER QUALITY MONITORING
21	400kV INDUCTIVE VOLTAGE TRANSFORMER
22	400kV CABLE SEALING END
23	400kV AIS CURRENT TRANSFORMER
24	GANTRY

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Checked	Approved
P03	23/09/2025	AS PER CLIENT'S INSTRUCTION	CAE	US	RU
P02	22/07/2025	STATUTORY CONSULTATION	CAE	US	NS
P01	03/06/2025	FIRST ISSUE	RC	US	NS

Title
NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL KILN LANE 400kV GIS SUBSTATION ELEVATION
FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name
LIONLINK

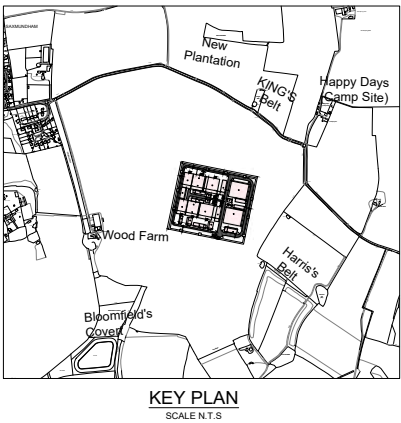
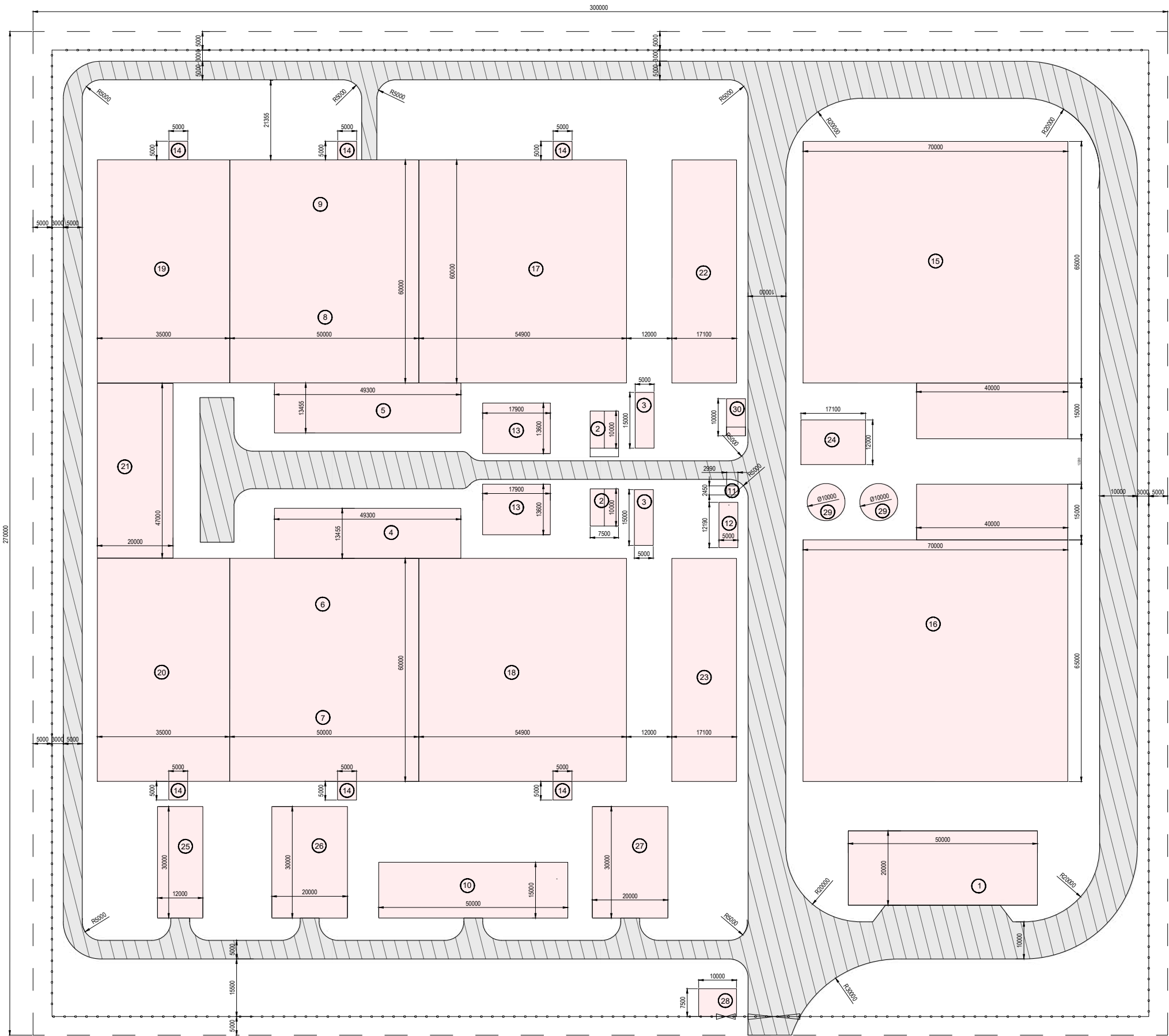
Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000161

Scale	Sheet Size	Sheet	Issue
1:200	A1	01 OF 01	P03

Section Number	Category Name
02-02	Saxmundham Converter Station

NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL 2GW HVDC CONVERTER STATION PLAN (INDOOR LAYOUT) FOR STATUTORY CONSULTATION
SHEET 01 OF 01



- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT. THIS DRAWING IS INDICATIVE ONLY AND SUBJECT TO CHANGE
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - THE CONVERTER STATION FENCE WILL BE 2.4M IN HEIGHT AND WILL HAVE A 5m FLAT STERILE SECURITY ZONE SPACING OUTSIDE THE CONVERTER STATION AROUND THE PERIMETER FENCE.

- LEGEND:
- 1 STORAGE BUILDING
 - 2 MEDIUM VOLTAGE SUPPLY BUILDING
 - 3 RELAY BUILDING
 - 4 POLE 2 SERVICE BUILDING
 - 5 POLE 1 SERVICE BUILDING
 - 6 POLE 2 NEUTRAL VALVE HALL
 - 7 POLE 2 VALVE HALL
 - 8 POLE 1 NEUTRAL VALVE HALL
 - 9 POLE 1 VALVE HALL
 - 10 CONTROL BUILDING
 - 11 BUNDED DIESEL TANK
 - 12 DIESEL GENERATOR ENCLOSURE
 - 13 VALVE COOLING TOWER
 - 14 AIR HANDLING UNIT
 - 15 POLE 1 AC YARD AND FILTER HALL
 - 16 POLE 2 AC YARD AND FILTER HALL
 - 17 POLE 1 REACTOR HALL
 - 18 POLE 2 REACTOR HALL
 - 19 POLE 1 DC HALL
 - 20 POLE 2 DC HALL
 - 21 NEUTRAL CONNECTION
 - 22 POLE 1 CONVERTER TRANSFORMERS
 - 23 POLE 2 CONVERTER TRANSFORMERS
 - 24 SPARE CONVERTER TRANSFORMERS
 - 25 CABLE STORE
 - 26 EQUIPMENT UNLOADING AREA
 - 27 CAR PARK
 - 28 DISTRIBUTION NETWORK OPERATOR BUILDING
 - 29 FIRE TANK
 - 30 BURIED OIL INTERCEPTOR

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Checked	Approved
PS1	15/08/2025	FOR STATUTORY CONSULTATION	CAB	RU	JH
PS2	22/07/2025	FOR STATUTORY CONSULTATION	CAB	RU	NS
PS1	03/06/2025	FIRST ISSUE	CAB	RU	NS

Title
NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL 2GW HVDC CONVERTER STATION PLAN
(INDOOR LAYOUT) FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name
LIONLINK

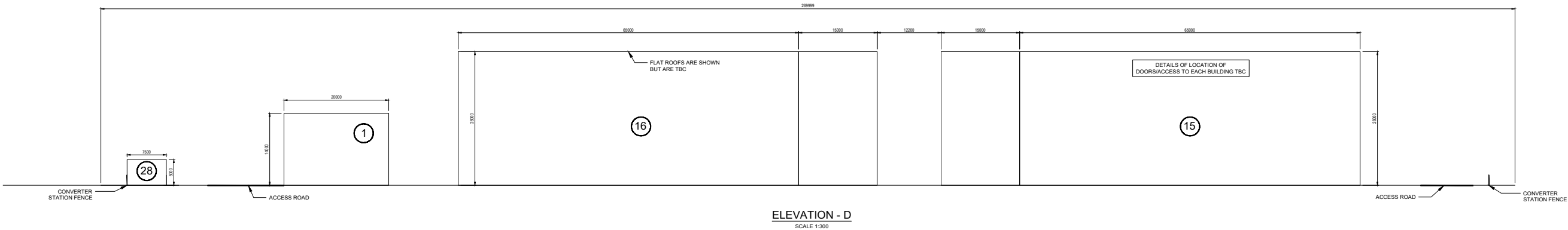
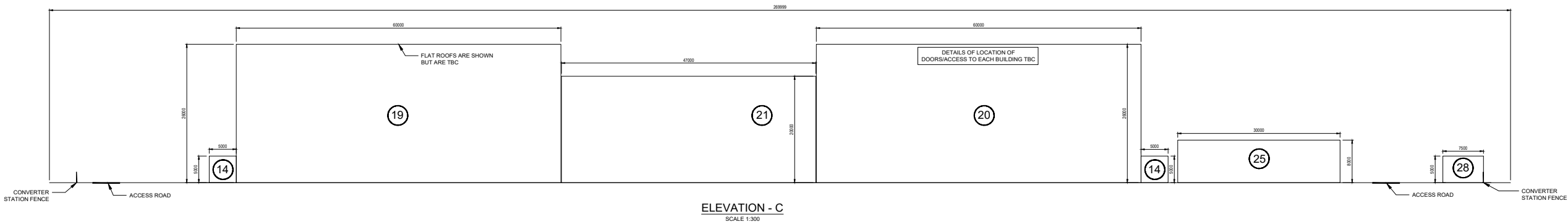
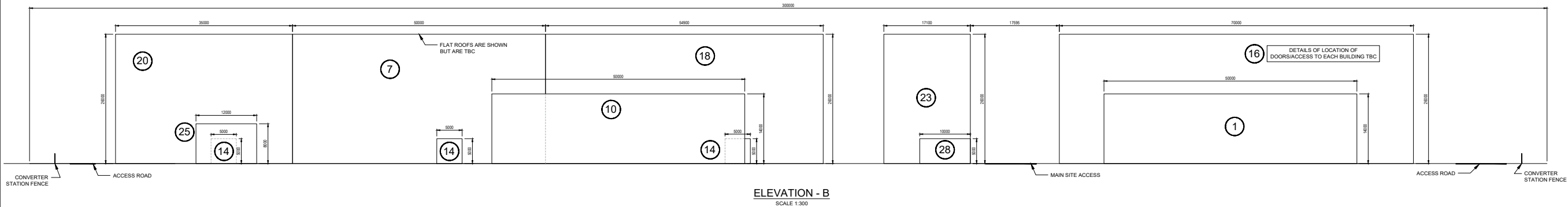
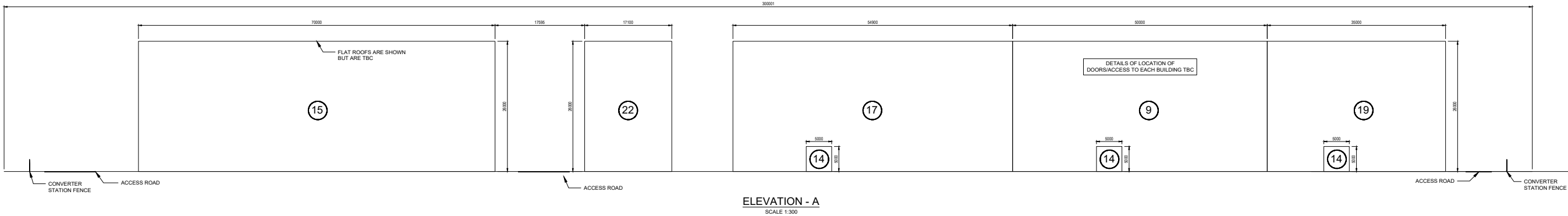
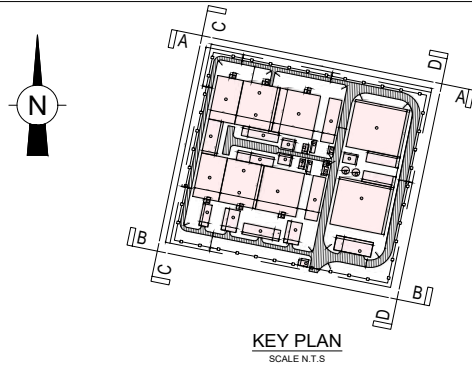
Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000152

Scale	Sheet Size	Sheet	Issue
1:400	A0	01 OF 01	P03



NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 2GW HVDC CONVERTER STATION ELEVATIONS (INDOOR DESIGN) FOR STATUTORY CONSULTATION
SHEET 01 OF 01



- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - THE MAXIMUM HEIGHT OF 26m INCLUDES ANY ROOF DESIGN.
 - THIS DRAWING IS INDICATIVE ONLY SUBJECT TO CHANGE.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - REFER TO DRAWING LK1-BRH-DWG-CVD-000152 FOR KEY PLAN VIEW.
 - MAXIMUM ROOF HEIGHT IS 26M EXCLUDING ROOF EQUIPMENT SUCH AS LIGHTNING RODS, HANDRAILS AND ROOF MOUNTED PLANT.
 - THE CONVERTER STATION FENCE WILL BE 2.4M IN HEIGHT AND WILL HAVE A 5m FLAT STERILE SECURITY ZONE SPACING OUTSIDE THE CONVERTER STATION AROUND THE PERIMETER FENCE.

- LEGEND:
- 1 STORAGE BUILDING
 - 2 MEDIUM VOLTAGE SUPPLY BUILDING
 - 3 RELAY BUILDING
 - 4 POLE 2 SERVICE BUILDING
 - 5 POLE 1 SERVICE BUILDING
 - 6 POLE 2 NEUTRAL VALVE HALL
 - 7 POLE 2 VALVE HALL
 - 8 POLE 1 NEUTRAL VALVE HALL
 - 9 POLE 1 VALVE HALL
 - 10 CONTROL BUILDING
 - 11 BUNDED DIESEL TANK
 - 12 DIESEL GENERATOR ENCLOSURE
 - 13 VALVE COOLING TOWER
 - 14 AIR HANDLING UNIT
 - 15 POLE 1 AC YARD AND FILTER HALL
 - 16 POLE 2 AC YARD AND FILTER HALL
 - 17 POLE 1 REACTOR HALL
 - 18 POLE 2 REACTOR HALL
 - 19 POLE 1 DC HALL
 - 20 POLE 2 DC HALL
 - 21 NEUTRAL CONNECTION
 - 22 POLE 1 CONVERTER TRANSFORMERS
 - 23 POLE 2 CONVERTER TRANSFORMERS
 - 24 SPARE CONVERTER TRANSFORMERS
 - 25 CABLE STORE
 - 26 EQUIPMENT UNLOADING AREA
 - 27 CAR PARK
 - 28 DISTRIBUTION NETWORK OPERATOR BUILDING
 - 29 FIRE TANK
 - 30 BURIED OIL INTERCEPTOR

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Checked	Approved
P03	15/06/2025	FOR STATUTORY CONSULTATION	CAB	RU	JH
P02	22/02/2025	FOR STATUTORY CONSULTATION	AM	RU	NB
P01	03/06/2025	FIRST ISSUE	TD	RU	NB

Title
NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 2GW HVDC CONVERTER STATION
ELEVATIONS (INDOOR DESIGN) FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name
LIONLINK

Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000153

Scale	Sheet Size	Sheet	Issue
1:300	A0	01 of 01	P03

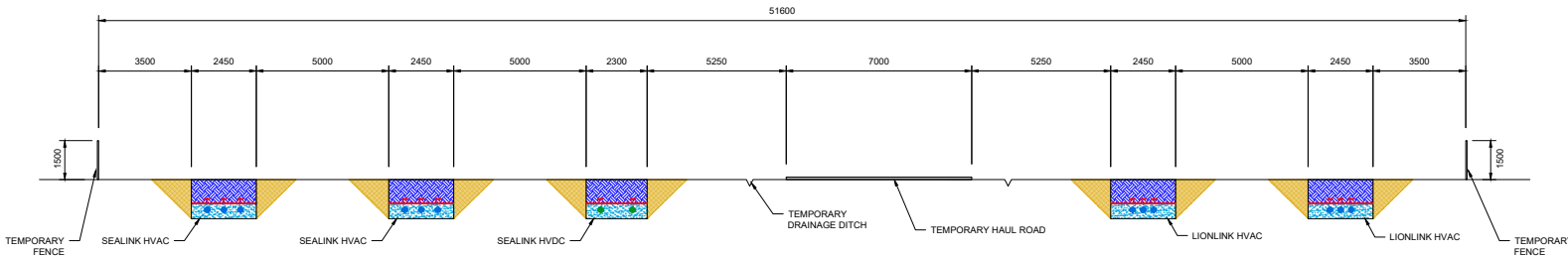
Section Number	Category Name
02-03	HVDC & HVAC Cross Sections

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL HVAC AND HVDC COMBINED CONSTRUCTION AREA FOR LIONLINK PLUS SEA LINK FOR STATUTORY CONSULTATION
SHEET 01 OF 01

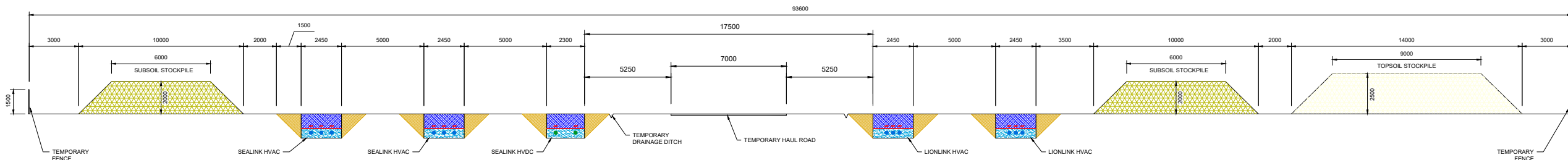
- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - TRENCHES SHALL BE BACKFILLED AS SOON AS PRACTICABLE AFTER EXCAVATION TO MINIMISE STOCKPILE DURATION. BACKFILL WILL CONSIST OF THE NATIVE SOIL, AS LONG AS IT IS THERMALLY AND MECHANICALLY SUITABLE. THE SUBSOIL AND TOPSOIL WILL BE STORED ADJACENT TO THE TRENCH FOR LATER REINSTATEMENT, WHERE PRACTICAL TO DO SO.
 - IN AREAS WHERE THERE IS LIMITED WIDTH FOR CABLE CONSTRUCTION, THE NARROW CONSTRUCTION CORRIDOR MAY BE USED INSTEAD OF THE TYPICAL CONSTRUCTION CORRIDOR.
 - DEPTH TO THE TOP OF THE CABLE COVER MAY VARY DEPENDING ON GROUND LEVELS AND TERRAIN THE CABLE WILL BE INSTALLED IN.

LEGEND:

- WELL COMPACTED THERMALLY SUITABLE BACKFILL
- WELL COMPACTED THERMALLY SUITABLE BACKFILL (SPLAYED EXCAVATION)
- CEMENT - BOUND SAND CABLE SURROUND
- CABLE PROTECTION TILES
- CABLE WARNING TAPE
- TOPSOIL STOCKPILE
- SUBSOIL STOCKPILE
- TEMPORARY HAUL ROAD / FOOTWAY



SEA LINK HVDC AND HVAC / LIONLINK HVAC NARROW
CONSTRUCTION CORRIDOR
CROSS SECTION
SCALE: 1:100



SEA LINK HVDC & HVAC / LIONLINK HVAC CONSTRUCTION CORRIDOR
CROSS SECTION
SCALE: 1:100

0 5 10m

FOR STATUTORY CONSULTATION PURPOSES ONLY

PR2	22/07/2025	FOR STATUTORY CONSULTATION	TG	RV	NS
PR1	02/06/2025	FIRST ISSUE	CAC	RV	NS
Issue	Date	Revised	Drawn	Checked	Approved

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL HVAC AND HVDC COMBINED CONSTRUCTION AREA FOR LIONLINK PLUS SEA LINK FOR STATUTORY CONSULTATION
SHEET 01 OF 01



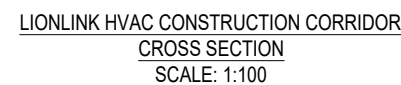
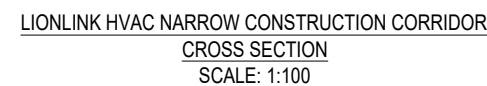
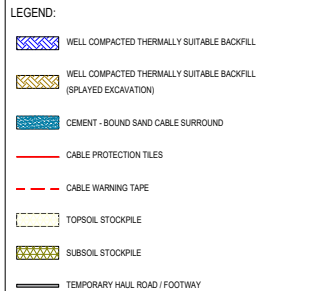
Application Number: EN020033

National Grid LionLink Limited Drawing Reference: LLX1-BRH-DWG-CVD-000162

Scale: 1:100 Sheet Size: A0 Sheet: 01 OF 01 Issue: P02

NOTES:

1. THIS PLAN IS SCALED AT PAPER SIZE A4. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENTS AND SHOULD NOT BE SCALED AGAINST.
2. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
3. THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN. THE CONSTRUCTION METHODS MAY REDUCE IF CONDITIONS ALLOW.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
5. TRENCHES SHALL BE BACKFILLED AS SOON AS PRACTICABLE AFTER CONSTRUCTION TO MINIMIZE EROSION AND STABILIZATION SHALL BE CONSIST OF THE NATIVE SOIL, AS LONG AS IT IS THEMALLY AND MECHANICALLY SUITABLE. THE SURFLO AND TOPSOIL WILL BE STORED AWAY FROM THE TRENCH FOR LATER REINSTATEMENT, WHERE PRACTICABLE, TO DO SO.
6. IN AREAS WITH LIMITED WIDTH FOR CABLE CONSTRUCTION, A NARROW CORRIDOR SHALL BE USED TO RESTRICT CONSTRUCTION WITHIN THE TOP OF THE TRENCH. THE TRENCH SHALL BE INSTALLED ON GRUND LEVELS AND TERRAIN THE CABLE WILL BE INSTALLED IN.

[illegible]

Title NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL HVAC DUCTED CROSS SECTION AND
CONSTRUCTION AREA FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name	
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Application Number

EN020033

LLK1-BRH-DWG-CVD-000163

Scale	Sheet Size	Sheet	Issue
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AS SHOWN	A0	01 OF 01	P03
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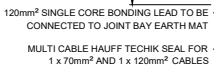
SHEET 01 OF 01



SCALE: 1:50



SCALE: 1:50



SCALE: 1:20



SCALE: 1:20



Scale 1:100



Scale 1:100

1. THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT THE ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
2. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHABER SECTION 2.5 OF THE CONSTRUCTION ENVIRONMENTAL INFORMATION REPORT. THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGHOUT THE CONSTRUCTION. CONSTRUCTION WIDTHS MAY REDUCE IF CONDITIONS ALLOW.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
4. MARKER POSTS / PLATES ARE REQUIRED AT THE JOINT LOCATION.
5. THE 15m LENGTH OF OPEN TRENCH FOR SNAKING EITHER SIDE OF THE JOINT AREA IS DEPENDENT ON THE SITE SPECIFIC CABLE CARRIER DESIGN. IT COULD BE BETWEEN 3m TO 15m IN LENGTH.
6. THE 20m LENGTH OF THE JOINT AREA CENTRE IS DEPENDENT ON THE CABLE CARRIER DESIGN AND COULD BE BETWEEN 7m TO 20m IN LENGTH.
7. ROUTING OF THE FIBRE OPTIC CABLES WITHIN THE TRENCH IS SHOWN AND IS DEPENDENT ON THE CABLE CONTRACTOR DESIGN.
8. AN ABOVE GROUND LINK PILLAR CAN BE USED INSTEAD OF A SUB GROUND LINK PILLAR. THE HEIGHT OF THIS WILL BE 1.3m IN HEIGHT AND A WIDTH OF 0.5m.
9. LOCATION OF LINK BOXES IS DEPENDENT ON DETAILED DESIGN AND MAY BE LOCATED EITHER SIDE OF THE TWO JOINT BAYS, RATHER THAN ON THE OUTSIDE.

LEGEND:

EARTH MAT



FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	22/07/2025	FOR STATUTORY CONSULTATION	TG	RU	NS
P01	02/06/2025	FIRST ISSUE	RC	DS	NS
Issue	Date	Remarks	Drawn	Checked	Approved

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 400kV HVAC JOINT BAY ARRANGEMENT
FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name _____



Application Number

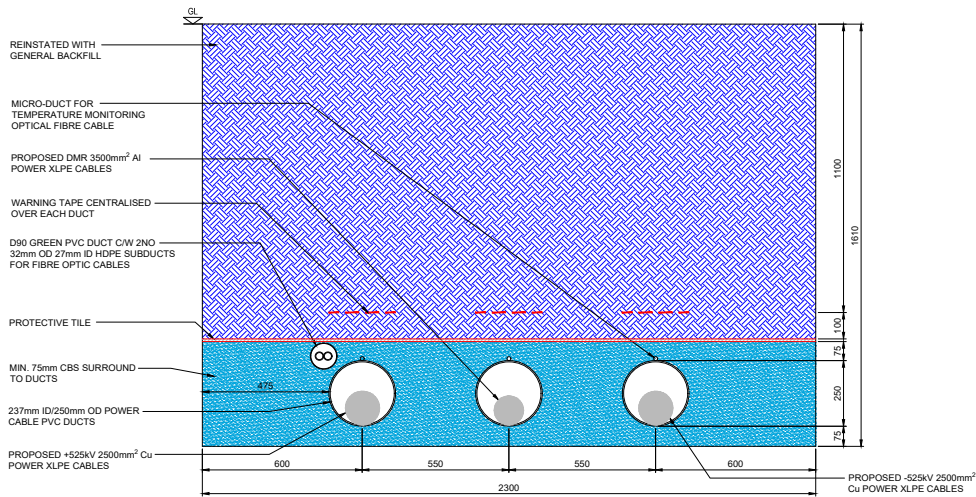
EN020033

International Grid LionLink Limited Drawing Reference

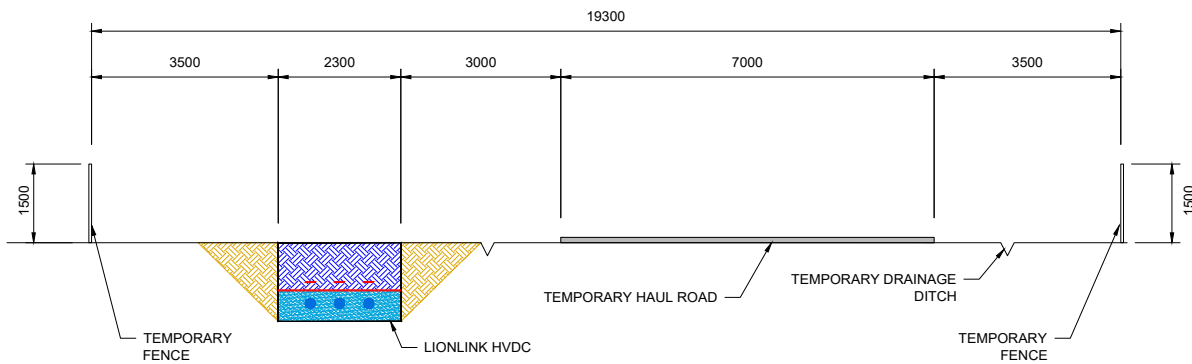
LLK1-BRH-DWG-CVD-000165

Scale	Sheet Size	Sheet	Issue
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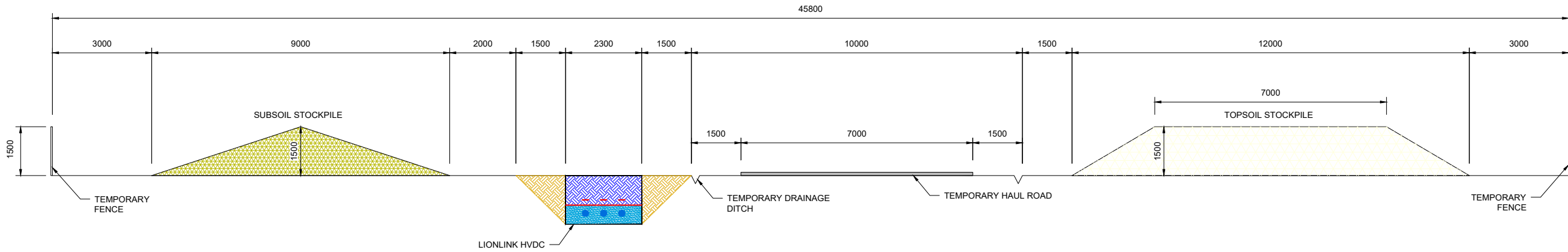
NATIONAL GRID LIONLINK LIMITED (NGLLL)
HVDC DUCTED CROSS SECTION AND CONSTRUCTION AREA FOR STATUTORY CONSULTATION
SHEET 01 OF 01



TYPICAL HVDC TRENCH DETAIL FOR CABLES
IN UNMADE GROUND OR AGRICULTURAL LAND
SCALE: 1:10



LIONLINK HVDC NARROW CONSTRUCTION CORRIDOR
CROSS SECTION
SCALE: 1:50

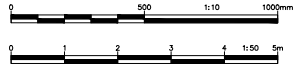


LIONLINK HVDC CONSTRUCTION CORRIDOR
CROSS SECTION
SCALE: 1:50

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN. THE CONSTRUCTION WIDTHS MAY REDUCE IF CONDITIONS ALLOW.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - TRENCHES SHALL BE BACKFILLED AS SOON AS PRACTICABLE AFTER EXCAVATION TO MINIMISE STOCKPILE DURATION. BACKFILL WILL CONSIST OF THE NATIVE SOIL, AS LONG AS IT IS THERMALLY AND MECHANICALLY SUITABLE. THE SUBSOIL AND TOPSOIL WILL BE STORED ADJACENT TO THE TRENCH FOR LATER REINSTATEMENT, WHERE PRACTICAL TO DO SO.
 - IN AREAS WITH LIMITED WIDTH FOR CABLE CONSTRUCTION, A NARROW CORRIDOR SHALL BE USED TO RESTRICT CONSTRUCTION WIDTH.
 - DEPTH TO THE TOP OF THE CABLE COVER MAY VARY DEPENDING ON GROUND LEVELS AND TERRAIN THE CABLE WILL BE INSTALLED IN.

LEGEND:

- WELL COMPACTED THERMALLY SUITABLE BACKFILL
- WELL COMPACTED THERMALLY SUITABLE BACKFILL (SPLAYED EXCAVATION)
- CEMENT - BOUND SAND CABLE SURROUND
- CABLE PROTECTION TILES
- CABLE WARNING TAPE
- TOPSOIL STOCKPILE
- SUBSOIL STOCKPILE
- TEMPORARY HAUL ROAD / FOOTWAY



FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Revised	By	Check	Approved
P02	22/07/2025	FOR STATUTORY CONSULTATION	TG	RU	NS
P01	02/06/2025	FIRST ISSUE	RC	DS	RU

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
HVDC DUCTED CROSS SECTION AND
CONSTRUCTION AREA FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name:
LIONLINK

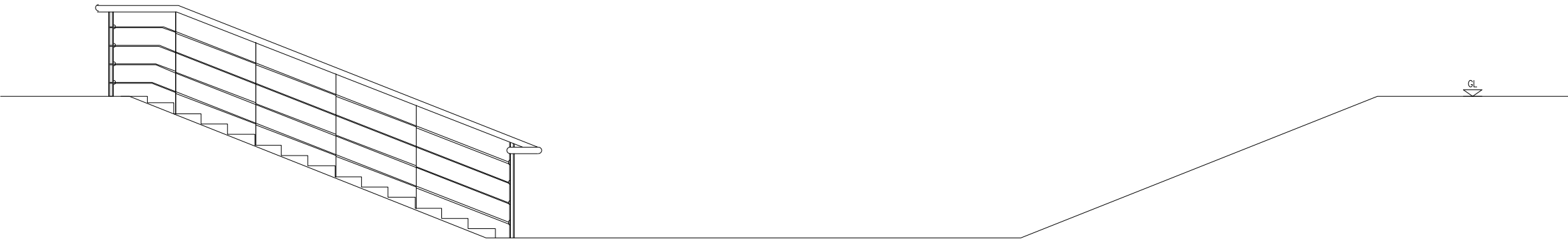
Application Number:
EN020033

National Grid LionLink Limited Drawing Reference:
LLK1-8RH-DWG-CVD-000167

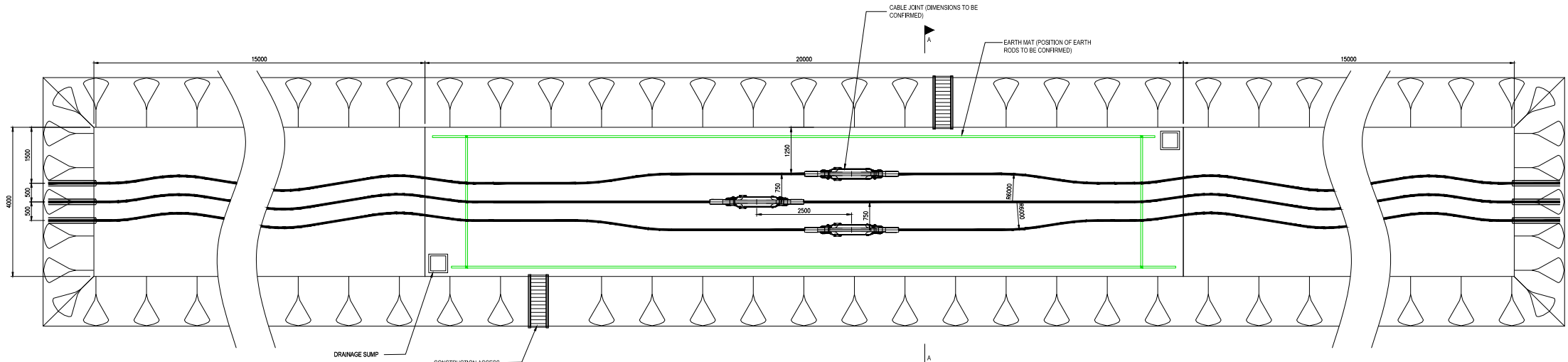
Scale	Sheet Size	Sheet	Issue
AS SHOWN	A0	01 OF 01	P02

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 525kV HVDC JOINT BAY ARRANGEMENT FOR STATUTORY CONSULTATION
SHEET 01 OF 01

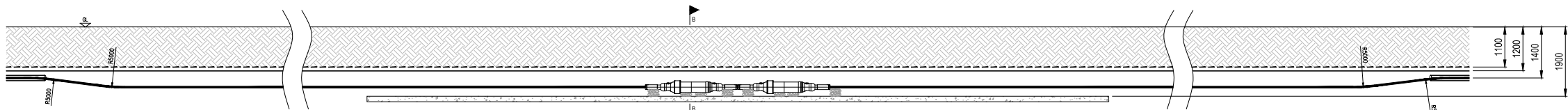
- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - THIS DRAWING IS INDICATIVE ONLY SUBJECT TO CHANGE.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - MARKER POST / PLATE ARE TO BE AGREED WITH THE LAND OWNERS.
 - THE 15M LENGTH OF OPEN TRENCH FOR SNAKING EITHER SIDE OF THE JOINT BAY AREA IS DEPENDENT ON THE SITE AND THE CABLE CONTRACTOR DESIGN AND COULD BE BETWEEN 3M TO 15M IN LENGTH.
 - THE 20M LENGTH OF THE JOINT BAY CENTRE IS DEPENDENT ON THE CABLE CONTRACTOR DESIGN AND COULD BE BETWEEN 7M TO 20M IN LENGTH.
 - ROUTING OF THE FIBRE OPTIC CABLES WITHIN THE JOINT BAY IS NOT SHOWN AND IS DEPENDANT ON THE CABLE CONTRACTOR DESIGN.
 - FIBRE OPTIC CHAMBER BOX IS NOT SHOWN WITHIN JOINT BAY PLAN VIEW. LOCATION OF THE CHAMBER WILL BE IN CLOSE PROXIMITY TO THE JOINT BAY. THE IS LOCATION TO BE CONFIRMED AND WILL BE DEPENDANT TO EACH JOINT BAY ALONG THE ROUTE.



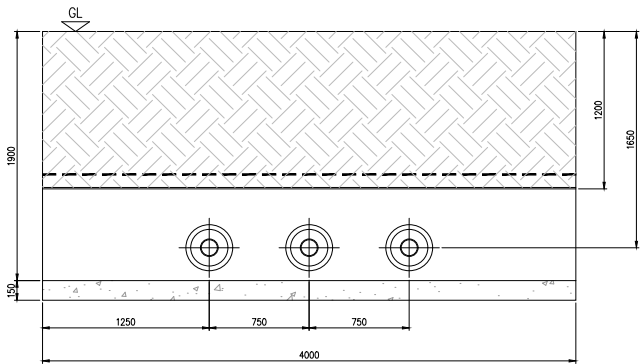
HVDC JOINT BAY DURING CONSTRUCTION PROFILE VIEW - SECTION A-A
Scale 1:20



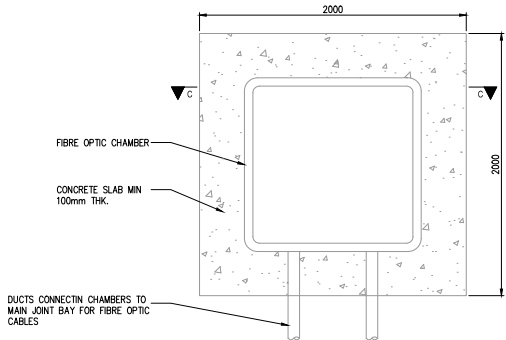
HVDC JOINT BAY CONSTRUCTION DURING CONSTRUCTION PLAN VIEW
Scale 1:50



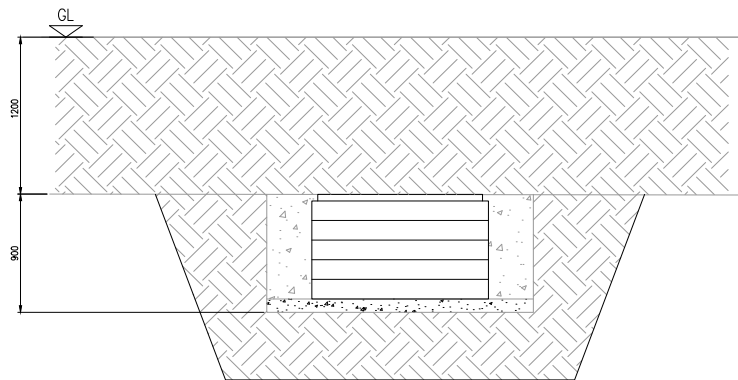
HVDC JOINT BAY POST CONSTRUCTION PLAN VIEW
Scale 1:50



HVDC JOINT BAY POST CONSTRUCTION PROFILE VIEW - SECTION B-B
Scale 1:20



TYPICAL FIBRE OPTIC CHAMBER BOX PLAN
Scale 1:20



TYPICAL FIBRE OPTIC CHAMBER BOX CROSS SECTION C-C
Scale 1:20



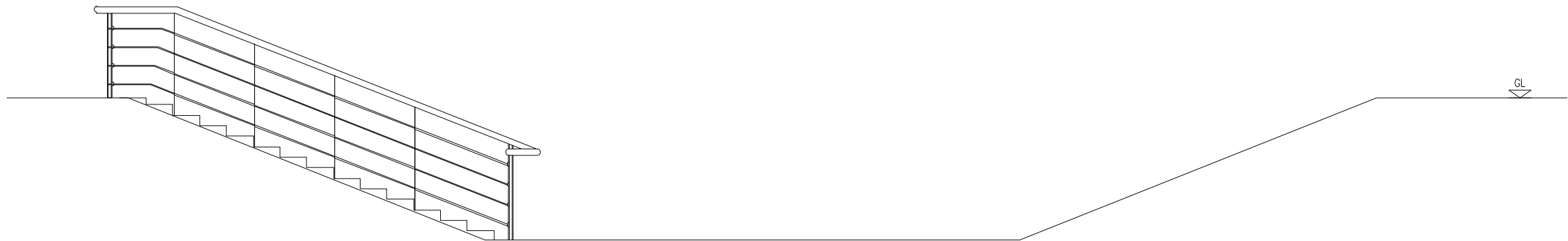
FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Revised	Drawn	Checked	Approved
P02	22/07/2025	FOR STATUTORY CONSULTATION	TG	RJ	NS
P01	22/06/2025	FOR ASSURANCE	RC	DS	RJ

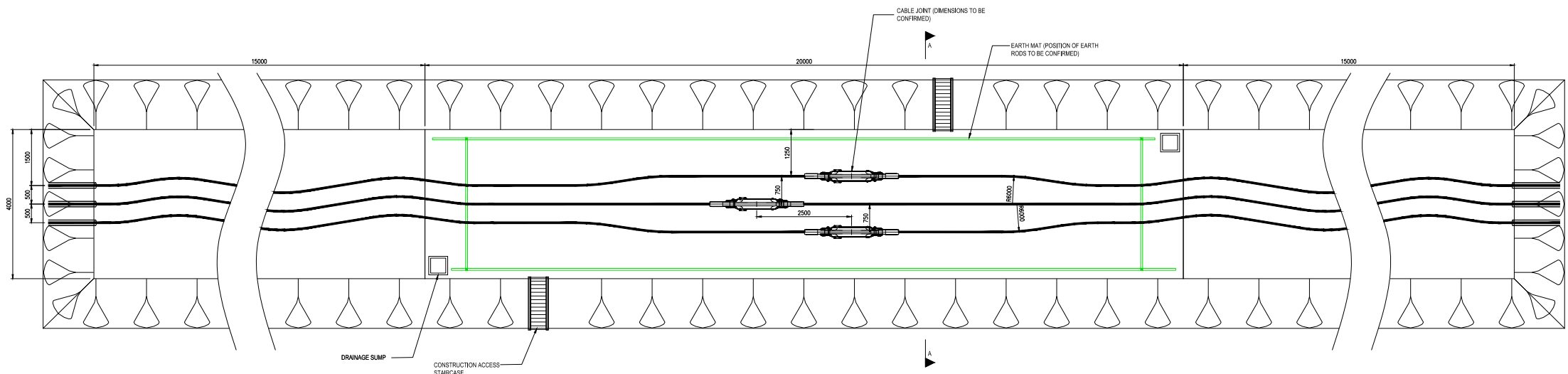
NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 525kV HVDC JOINT BAY ARRANGEMENT
SHEET 01 OF 01

Project Name			
LIONLINK			
Application Number			
EN020033			
National Grid LionLink Limited Drawing Reference			
LLK1-8RH-DWG-CVD-000168			
Scale	Sheet Size	Sheet	Issue
AS SHOWN	A0	01 OF 01	P02

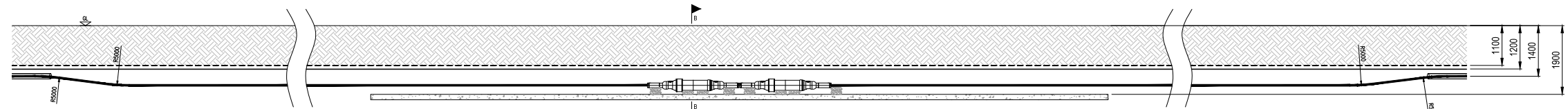
NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 525KV HVDC TRANSITION JOINT BAY ARRANGEMENT FOR STATUTORY CONSULTATION
SHEET 01 OF 01



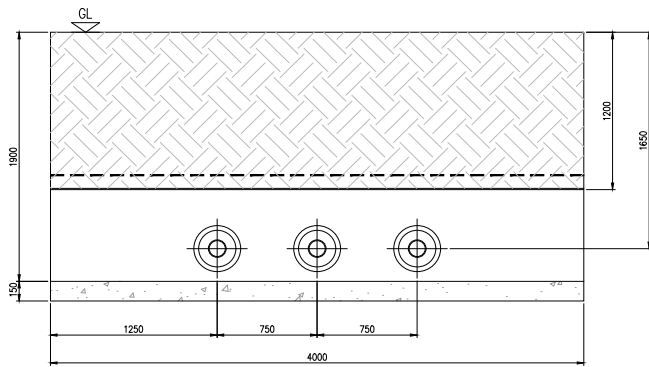
HVDC TRANSITION JOINT BAY DURING CONSTRUCTION PROFILE VIEW - SECTION A-A
SCALE 1:20



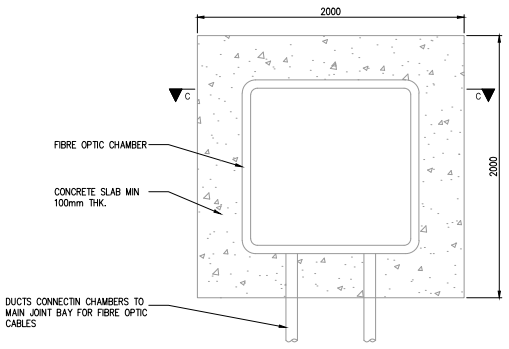
HVDC TRANSITION JOINT BAY DURING CONSTRUCTION PLAN VIEW
SCALE 1:50



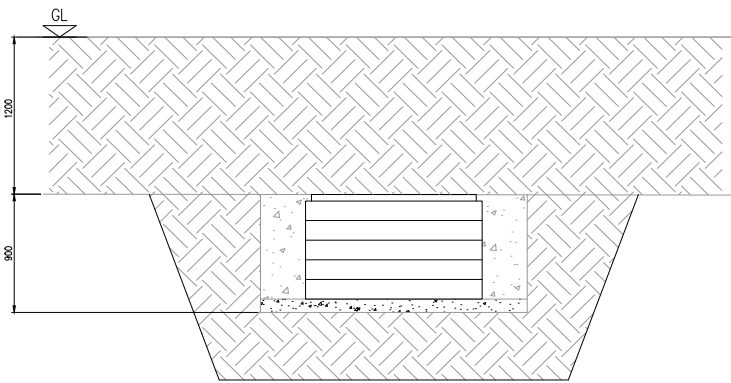
HVDC TRANSITION JOINT BAY POST CONSTRUCTION CROSS
SECTION SCALE 1:50



HVDC TRANSITION JOINT BAY POST CONSTRUCTION PROFILE VIEW - SECTION B-B
SCALE 1:20

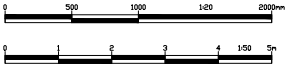


TYPICAL FIBRE OPTIC CHAMBER BOX PLAN
SCALE 1:20



TYPICAL CROSS-SECTION FIBRE OPTIC CHAMBER BOX - SECTION C-C
SCALE 1:20

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - THIS DRAWING IS INDICATIVE ONLY SUBJECT TO CHANGE.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - MARKER POST / PLATE ARE TO BE AGREED WITH THE LAND OWNERS.
 - FIBRE OPTIC CABLE REPEATER EQUIPMENT MAY BE REQUIRED. IT IS NOT SHOWN IN THIS DRAWING AS IT COULD BE LOCATED AWAY FROM THE TRANSITION JOINT BAY LOCATION.
 - AN ARMOUR ANCHORING DEVICE WILL BE INCLUDED FOR CLAMPING THE ARMOUR OF EACH SUBMARINE CABLE AND WHICH WILL BE ATTACHED TO THE CONCRETE FLOOR OF THE TRANSITION JOINT BAY.
 - THE 15M LENGTH OF OPEN TRENCH FOR SNAKING EITHER SIDE OF THE JOINT BAY AREA IS DEPENDENT ON THE SITE AND THE CABLE CONTRACTOR DESIGN AND COULD BE BETWEEN 3M TO 15M IN LENGTH.
 - THE 20M LENGTH OF THE JOINT BAY CENTRE IS DEPENDENT ON THE CABLE CONTRACTOR DESIGN AND COULD BE BETWEEN 7M TO 20M IN LENGTH.
 - ROUTING OF THE FIBRE OPTIC CABLES WITHIN THE JOINT BAY IS NOT SHOWN AND IS DEPENDENT ON THE CABLE CONTRACTOR DESIGN.
 - FIBRE OPTIC CHAMBER BOX IS NOT SHOWN WITHIN JOINT BAY PLAN VIEW. LOCATION OF THE CHAMBER WILL BE IN CLOSE PROXIMITY TO THE JOINT BAY. THE IS LOCATION TO BE CONFIRMED AND WILL BE DEPENDANT TO EACH JOINT BAY ALONG THE ROUTE.



FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Revised	By	Check	Approved
P02	02/07/2025	FOR STATUTORY CONSULTATION	TO	RU	NS
P01	02/06/2025	FOR ASSURANCE	RC	DS	RU

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL 525KV HVDC TRANSITION JOINT
BAY ARRANGEMENT FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name
LIONLINK

Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000169

Scale
AS SHOWN

Sheet Size
A0









Sheet
01 OF 01

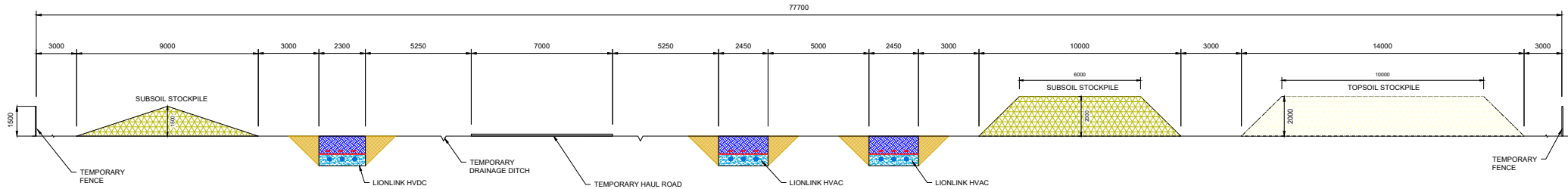
Issue
P02

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL HVAC AND HVDC COMBINED CONSTRUCTION AREA FOR LIONLINK FOR STATUTORY CONSULTATION
SHEET 01 OF 01

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - THIS DRAWING IS SHOWN FOR INDICATIVE PURPOSES ONLY AND IS SUBJECT TO CHANGE AS THE PROJECT PROGRESSES THROUGH DETAILED DESIGN. THE CONSTRUCTION WIDTHS MAY REDUCE IF CONDITIONS ALLOW.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - TRENCHES SHALL BE BACKFILLED AS SOON AS PRACTICABLE AFTER EXCAVATION TO MINIMISE STOCKPILE DURATION. BACKFILL WILL CONSIST OF THE NATIVE SOIL, AS LONG AS IT IS THERMALLY AND MECHANICALLY SUITABLE.

LEGEND:

-  WELL COMPACTED THERMALLY SUITABLE BACKFILL
-  WELL COMPACTED THERMALLY SUITABLE BACKFILL (SPLAYED EXCAVATION)
-  CEMENT - BOUND SAND CABLE SURROUND
-  CABLE PROTECTION TILES
-  CABLE WARNING TAPE
-  TOPSOIL STOCKPILE
-  SUBSOIL STOCKPILE
-  TEMPORARY HAUL ROAD / FOOTWAY



LIONLINK HVDC AND HVAC CONSTRUCTION CORRIDOR
CROSS SECTION
SCALE: 1:100

0 5 10m
1:100

FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	28/07/2025	FOR STATUTORY CONSULTATION	TG	RV	NS
P01	28/05/2025	FOR ASSURANCE	CAC	RV	NS
Issue	Date	Revised	Drawn	Checked	Approved

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL HVAC AND HVDC COMBINED CONSTRUCTION
AREA FOR LIONLINK FOR STATUTORY CONSULTATION
SHEET 01 OF 01

Project Name:

LIONLINK

Application Number:

EN020033

National Grid LionLink Limited Drawing Reference:

LLX1-BRH-DWG-CVD-000170

Scale:	Sheet Size:	Sheet:	Issue:
AS SHOWN	A0	01 OF 01	P02

Section Number
02-04

Category Name
Bellmouths , Compounds & Tower Types

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL BELLMOUTH ARRANGEMENT DETAILS
SHEET 01 OF 01

LEGEND:

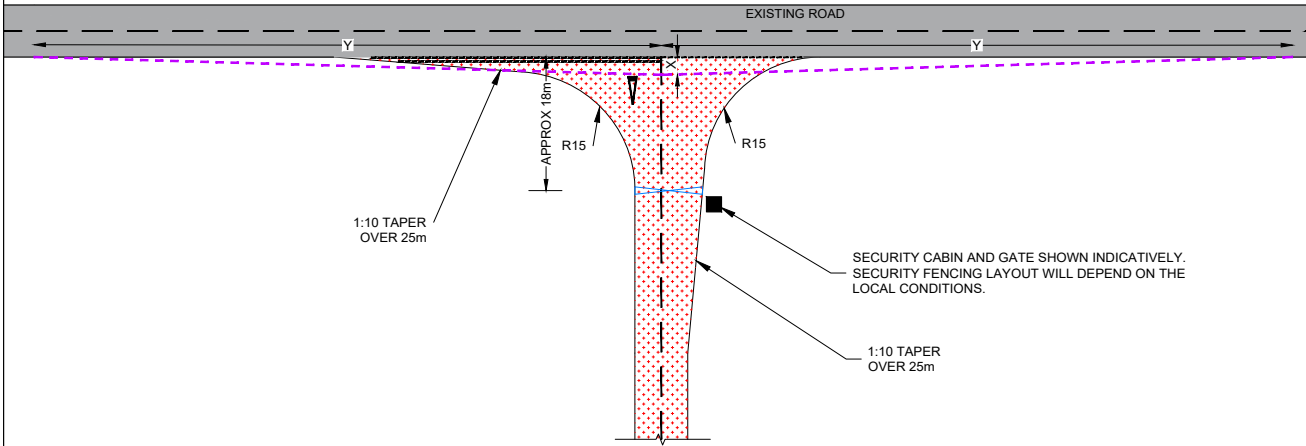
EXISTING ROAD

ACCESS ROAD

ROAD MARKINGS

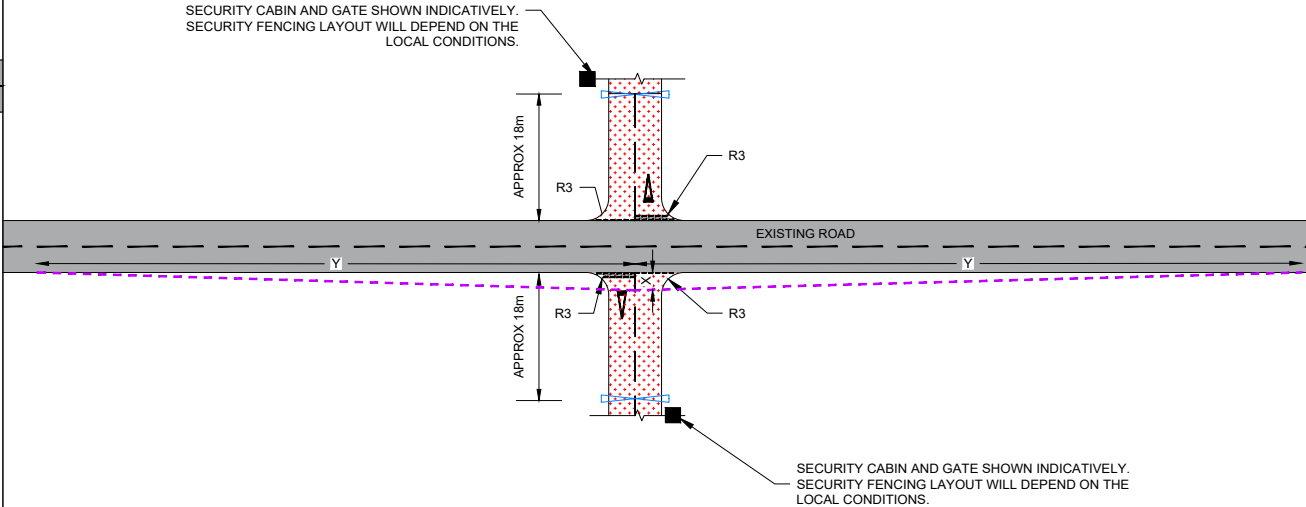
SECURITY GATE

VISIBILITY SPLAY



VISIBILITY REQUIREMENTS FROM MINOR ROAD				
DESIGN SPEED FOR MAJOR ROAD(kph)	A AND B CLASS ROADS		C AND U CLASS ROADS	
	X DISTANCE (m)	Y DISTANCE (m)	X DISTANCE (m)	Y DISTANCE (m)
50	4.5	70	2.4	50
60		90		70
70		120		120
85		160		160
100		215		215
120		295		295

TYPICAL HGV ACCESS BELLMOUTH
SCALE 1:500



VISIBILITY REQUIREMENTS FROM MINOR ROAD				
DESIGN SPEED FOR MAJOR ROAD(kph)	A AND B CLASS ROADS		C AND U CLASS ROADS	
	X DISTANCE (m)	Y DISTANCE (m)	X DISTANCE (m)	Y DISTANCE (m)
50	4.5	70	2.4	50
60		90		70
70		120		120
85		160		160
100		215		215
120		295		295

TYPICAL CROSSING BELLMOUTH
SCALE 1:500

- Notes:
- This plan is scaled at paper size A1, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
 - All dimensions are in metres unless stated otherwise.
 - These plans show Typical Bellmouth Arrangement Details, individuals Bellmouth layouts will vary depending on the location and local conditions.
 - Visibility requirement for the individual Bellmouth will vary depending on the local Design speed.
 - Visibility splay to be kept clear of all obstructions including vegetation.
 - Further information is provided in our 'Guide to interacting with our consultation plans' document.
 - For further information on construction please refer to Volume 1 Chapter-2 Section 2.5 of the Preliminary Environmental Information Report.

FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	16/07/2025	For Statutory Consultation	RR	RC	AA
P01	23/05/2025	First Issue	RR	RC	AA
Issue	Date	Remarks	Drawn	Checked	Approved

Title

NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL BELLMOUTH ARRANGEMENT DETAILS
FOR STATUTORY CONSULTATION



Application Number

EN020033

National Grid LionLink Limited Drawing Reference

LLK1-BRH-DWG-CVD-000155

Scale	Sheet Size	Sheet	Issue
AS SHOWN	A1	01 OF 01	P02

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL KILN LANE SUBSTATION WORKS
CONSTRUCTION COMPOUND FOR STATUTORY CONSULTATION
SHEET 01 OF 01

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - THESE PLANS SHOW THE TYPICAL LAYOUT FOR A CONSTRUCTION COMPOUND. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH OUR CONSULTATION PLANS DOCUMENT.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - PARKING BAY DIMENSIONS: STANDARD - 2.6M X 5.0M, DISABLED - 3.6M X 6.0M.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

- LEGEND:
- TEMPORARY BUILDING
 - SECURITY FENCE
 - GATE

70 CAR PARK SPACES + 4
DISABLED SPACES

SECURITY FENCE

WATER AND
CESSPIT TANK

CONTRACTOR
OFFICE

NATIONAL GRID LIONLINK
LIMITED OFFICE

RECEPTION /
VISITOR CENTRE

CONSTRUCTION
AREA

3 VAN SPACES

4 LORRY SPACES

LAYDOWN

STORAGE

CONTINUOUS ONE
WAY SYSTEM

WHEEL WASH

EGRESS GATE
SECURITY HUT

WHEEL WASH

SECURITY HUT

ACCESS GATE

WHEEL WASH

150

100

0 5 10 1:200 20m

FOR STATUTORY CONSULTATION PURPOSES ONLY

P03	27.08.2025	FOR STATUTORY CONSULTATION	TW	TD	JS
P02	22.07.2025	FOR STATUTORY CONSULTATION	TW	TD	JS
P01	29.05.2025	FOR REVIEW	FO	TW	TD
Issue	Date	Revisions	Drawn	Checked	Approved

Title
NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL KILN LANE SUBSTATION WORKS
CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION

Project Name



Application Number
EN020033

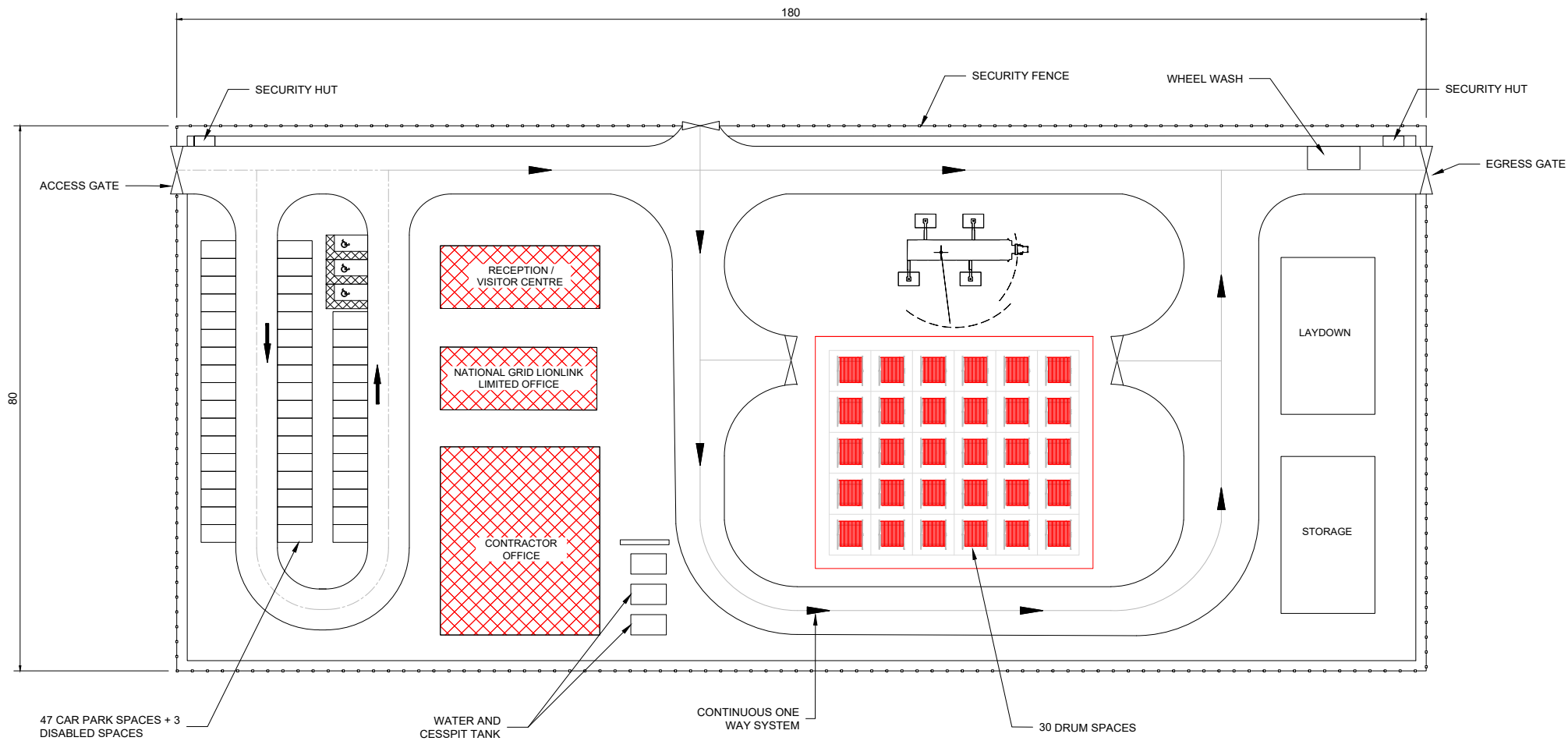
National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000156

Scale	Sheet Size	Sheet	Issue
1:200	A0	01 OF 01	P03

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL PRIMARY CABLE CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION
SHEET 01 OF 01

- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - THESE PLANS SHOW THE TYPICAL LAYOUT FOR A CONSTRUCTION COMPOUND. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH OUR CONSULTATION PLANS DOCUMENT.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - PARKING BAY DIMENSIONS: STANDARD - 2.6M X 5.0M, DISABLED - 3.0M X 5.0M.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

- LEGEND:
- TEMPORARY BUILDING
 - CABLE DRUM
 - MOBILE CRANE
 - SECURITY FENCE
 - GATE



FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	22.07.25	FOR STATUTORY CONSULTATION	TW	TD	JS
P01	29.05.25	FOR REVIEW	FO	TW	TD
Issue	Date	Revisions	Drawn	Checked	Approved

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL PRIMARY CABLE CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION

Project Name

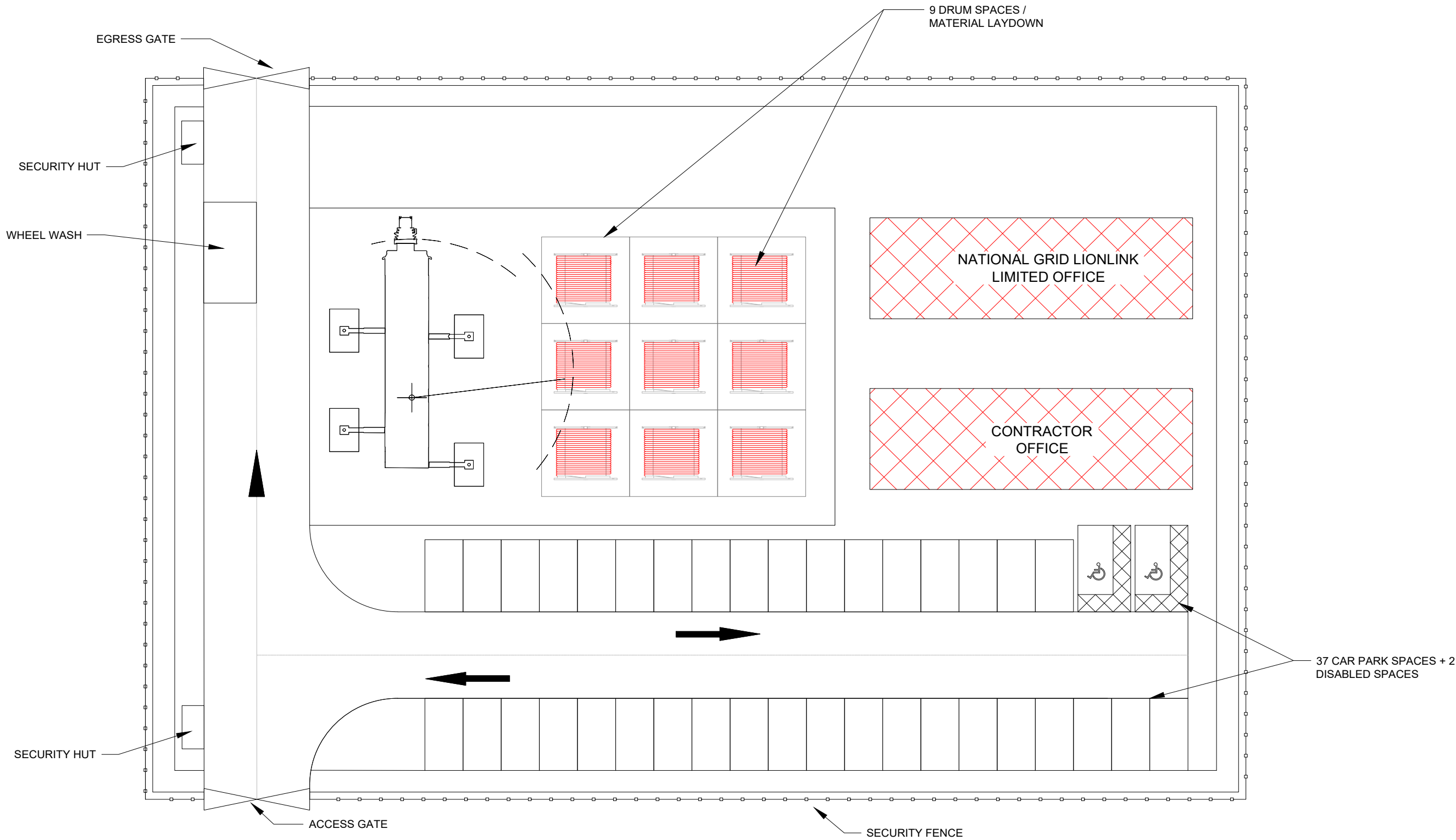


Application Number: EN020033

National Grid LionLink Limited Drawing Reference: LLK1-BRH-DWG-CVD-000157

Scale	Sheet Size	Sheet	Issue
1:200	A0	01 OF 01	P02

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL SECONDARY CABLE CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION
SHEET 01 OF 01



- NOTES:
1. THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 2. THESE PLANS SHOW THE TYPICAL LAYOUT FOR A CONSTRUCTION COMPOUND. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH OUR CONSULTATION PLANS DOCUMENT.
 3. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 4. PARKING BAY DIMENSIONS: STANDARD - 2.6M X 5.0M, DISABLED - 3.0M X 5.0M.
 5. ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

- LEGEND:
- TEMPORARY BUILDING
 - CABLE DRUM
 - MOBILE CRANE
 - SECURITY FENCE
 - GATE

0 5 10 15m

FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	22.07.2025	FOR STATUTORY CONSULTATION	TW	TD	JS
P01	29.05.2025	FOR REVIEW	FO	TW	TD
Issue	Date	Remarks	Drawn	Checked	Approved

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL SECONDARY CABLE CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION

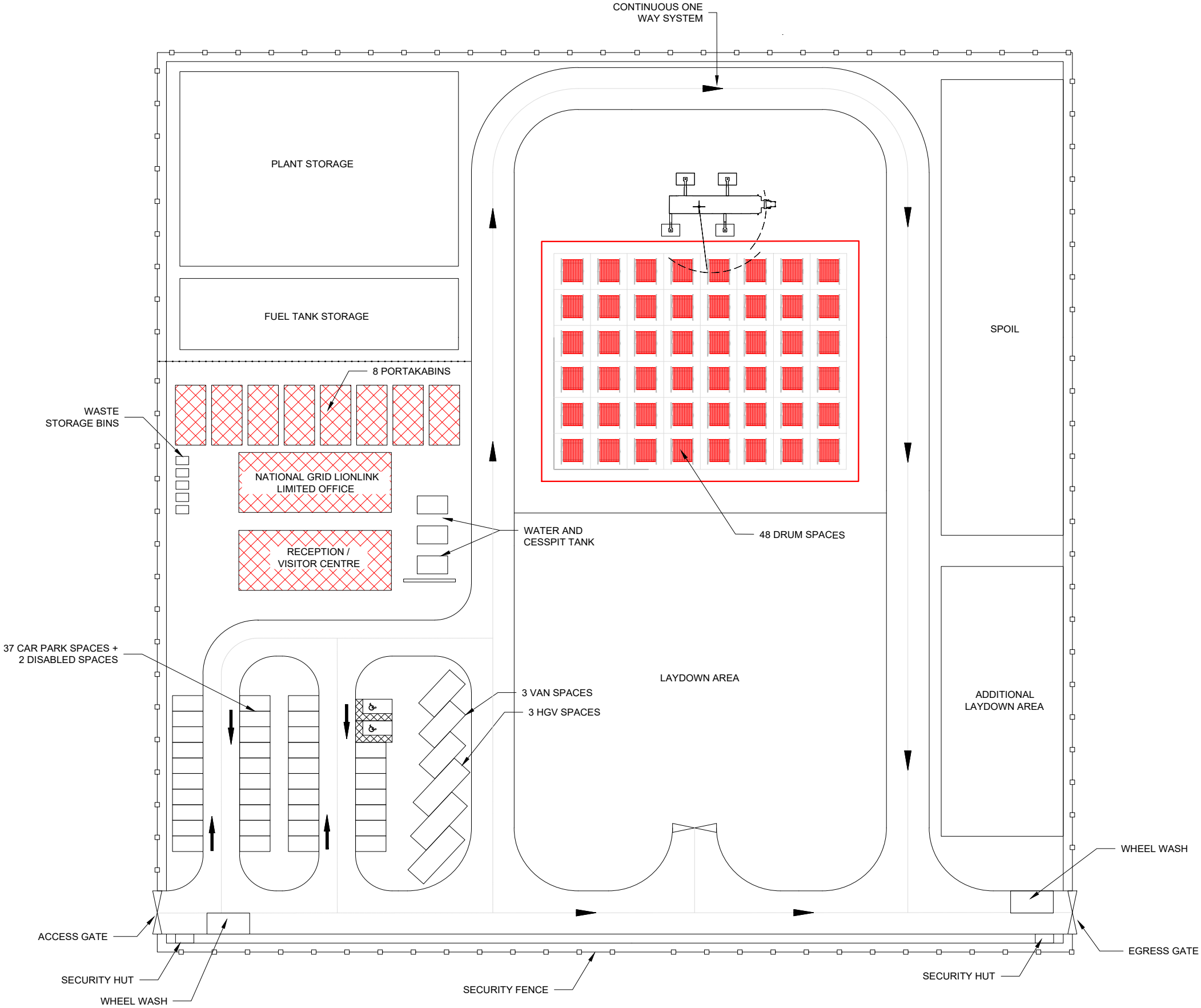


Application Number: EN020033

National Grid LionLink Limited Drawing Reference: LLK1-BRH-DWG-CVD-000158

Scale: 1:100 Sheet Size: A0 Sheet: 01 OF 01 Issue: P02

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL OHL AND CONSTRUCTION WORKS
CONSTRUCTION COMPOUND FOR STATUTORY CONSULTATION
SHEET 01 OF 01



- NOTES:
1. THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 2. THESE PLANS SHOW THE TYPICAL LAYOUT FOR A CONSTRUCTION COMPOUND. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH OUR CONSULTATION PLANS DOCUMENT.
 3. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 4. PARKING BAY DIMENSIONS: STANDARD - 2.6M X 5.0M, DISABLED - 3.6M X 6.0M.
 5. ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

- LEGEND:
- TEMPORARY BUILDING
 - CABLE DRUM
 - MOBILE CRANE
 - SECURITY FENCE
 - GATE

FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	22.07.25	FOR STATUTORY CONSULTATION	TW	TD	JS
P01	30.05.25	FOR REVIEW	TG	TW	TD
Issue	Date	Remarks	Drawn	Checked	Approved

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL OHL AND CONSTRUCTION
WORKS CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION



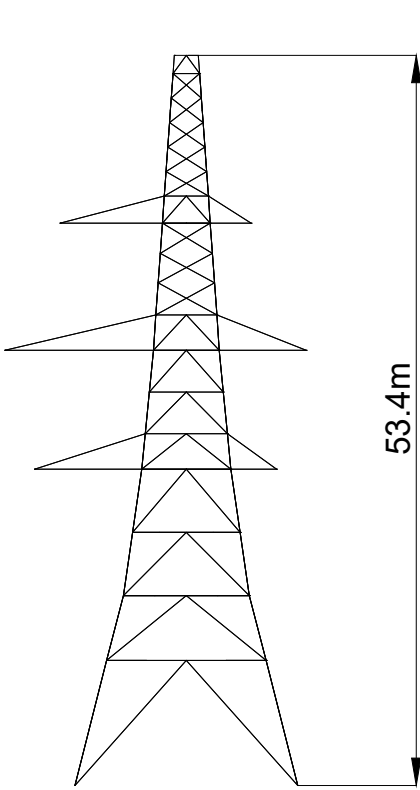
Application Number: EN020033

National Grid LionLink Limited Drawing Reference: LLK1-BRH-DWG-CVD-000171

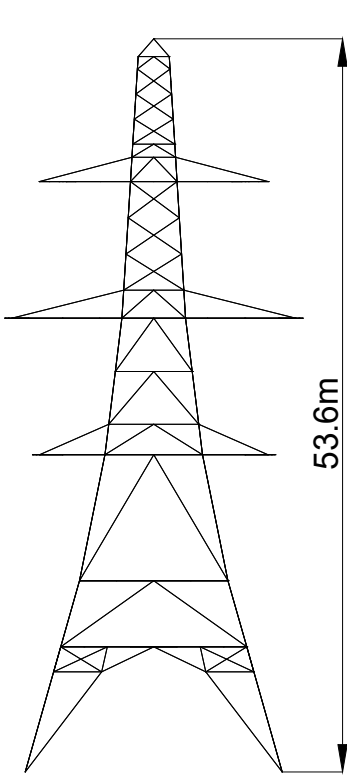
Scale	Sheet Size	Sheet	Issue
1:250	A0	01 OF 01	P02

NATIONAL GRID LIONLINK LIMITED (NGLL)
TYPICAL OVERHEAD LINE TOWER DETAIL FOR STATUTORY CONSULTATION
SHEET 01 OF 01

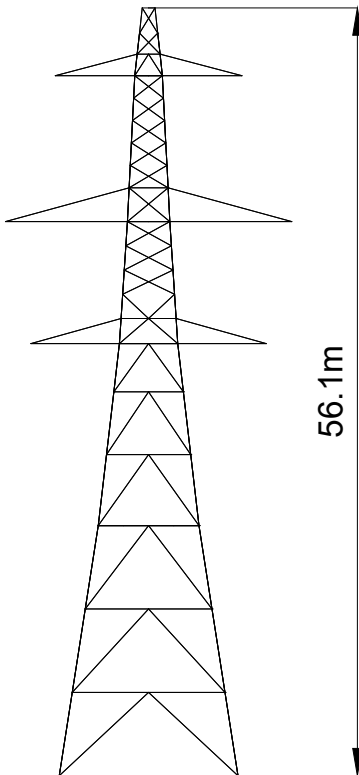
- NOTES:
1. THIS PLAN IS SCALED AT PAPER SIZE A0. THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 2. FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO CHAPTER 2, SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 3. THESE PLANS SHOW POTENTIAL TOWER OUTLINES. DUE TO THE NEED FOR FUTURE FLEXIBILITY, NATIONAL GRID WILL BE APPLYING FOR ORDER LIMITS AND LIMITS OF DEVIATION WITHIN ITS DEVELOPMENT CONSENT ORDER, WITHIN WHICH ANY FINAL ALIGNMENT (INCLUDING TOWER TYPES) WOULD LIE. THEREFORE, THE TOWER TYPES AND OUTLINES SHOULD BE TREATED AS INDICATIVE ONLY. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH OUR CONSULTATION PLANS DOCUMENT.



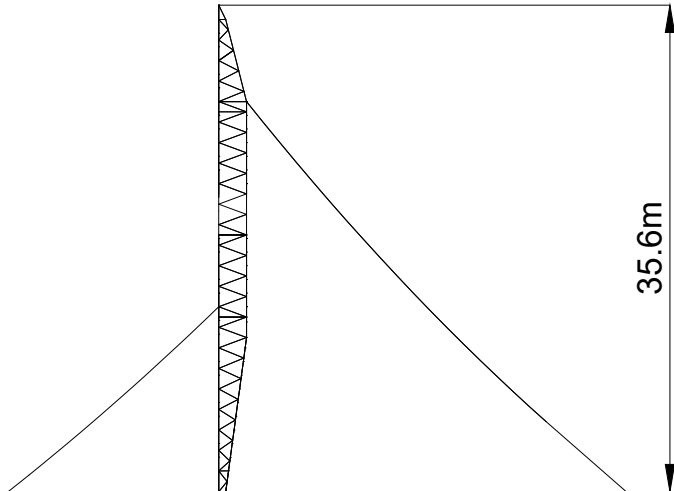
4ZW19 - L6 (BB) D60 E10



4ZW20A/4ZW20B - L6 (BB) DT E10



4ZW21 - L6 (BB) D E20



TEMPORARY MAST

FOR STATUTORY CONSULTATION PURPOSES ONLY

P03	12/09/2025	THIRD ISSUE	C&E	DE	JH	
P02	22/07/2025	SECOND ISSUE	R&C C&E	DE	NB	
P01	02/06/2025	FIRST ISSUE	C&E	DE	NB	
Issue	Date	Remarks	Drawn	Checked	Approved	

Title
NATIONAL GRID LIONLINK LIMITED (NGLL) ORDER
TYPICAL OVERHEAD LINE PYLON DETAILS
FOR STATUTORY CONSULTATION
SHEET 01 OF 01

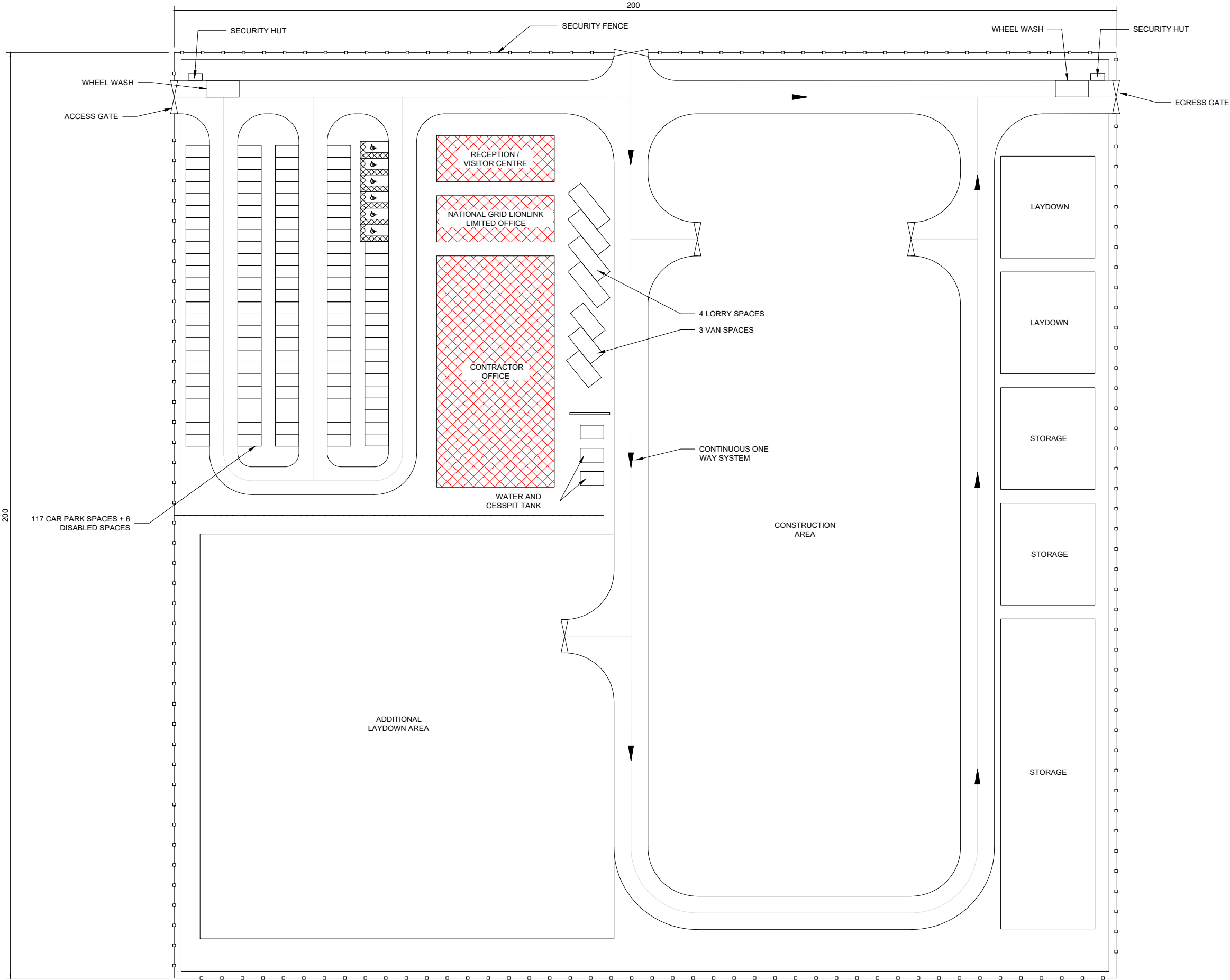


Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000172

Scale	Sheet Size	Sheet	Issue
NTS	A0	01 OF 01	P03

NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL CONVERTER STATION CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION
SHEET 01 OF 01



- NOTES:
- THIS PLAN IS SCALED AT PAPER SIZE A0, THEREFORE ANY PRINTS TAKEN AT SMALLER SIZES WILL AFFECT ACCURACY OF THE MEASUREMENT UNITS AND SHOULD NOT BE SCALED AGAINST.
 - THESE PLANS SHOW THE TYPICAL LAYOUT FOR A CONSTRUCTION COMPOUND. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH OUR CONSULTATION PLANS DOCUMENT.
 - FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
 - PARKING BAY DIMENSIONS: STANDARD - 2.6M X 5.0M, DISABLED - 3.0M X 5.0M.
 - ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

- LEGEND:
- TEMPORARY BUILDING
 - SECURITY FENCE
 - GATE



FOR STATUTORY CONSULTATION PURPOSES ONLY

P03	27.08.25	FOR STATUTORY CONSULTATION	TW	TD	JS				
P02	22.07.25	FOR STATUTORY CONSULTATION	TW	TD	JS				
P01	29.05.25	FOR REVIEW	FO	TW	TD				
Issue	Date	Remarks	Drawn	Checked	Approved				

Title
NATIONAL GRID LIONLINK LIMITED (NGLLL)
TYPICAL CONVERTER STATION
CONSTRUCTION COMPOUND
FOR STATUTORY CONSULTATION

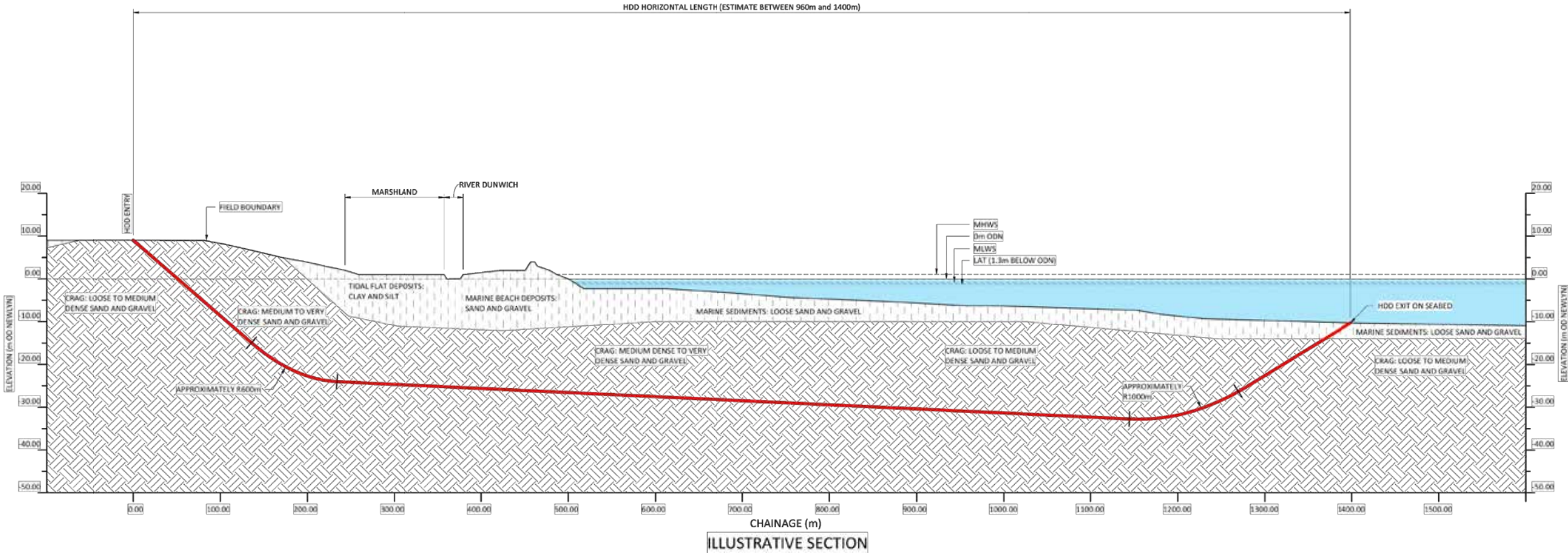


Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLX1-BRH-DWG-CVD-000173

Scale	Sheet Size	Sheet	Issue
1:200	A0	01 OF 01	P03

NATIONAL GRID LIONLINK LIMITED (NGLLL)
ILLUSTRATIVE SECTION OF TYPICAL HORIZONTAL
DIRECTIONAL DRILLING (HDD) AT THE LANDFALL SITE
FOR STATUTORY CONSULTATION



NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THIS PLAN SHOWS A TYPICAL ILLUSTRATION OF HORIZONTAL DIRECTIONAL DRILLING (HDD) AT A LANDFALL SITE. FURTHER INFORMATION IS PROVIDED IN OUR GUIDE TO INTERACTING WITH THE CONSULTATION PLANS AND DRAWINGS' DOCUMENT.
- FOR FURTHER INFORMATION ON CONSTRUCTION PLEASE REFER TO VOLUME 1 CHAPTER 2 SECTION 2.5 OF THE PRELIMINARY ENVIRONMENTAL INFORMATION REPORT.
- ALL DIMENSIONS IN METRES UNLESS OTHERWISE NOTED.

LEGEND:

ILLUSTRATIVE HDD PROFILE

CRAG GEOLOGICAL LAYER

MARINE SEDIMENTS GEOLOGICAL LAYER

ACRONYMS:

HDD HORIZONTAL DIRECTIONAL DRILLING
LAT LOWEST ASTRONOMICAL TIDE
MHWS MEAN HIGH WATER SPRING
MLWS MEAN LOW WATER SPRING
ODN ORDNANCE DATUM NEWLYN

FOR STATUTORY CONSULTATION PURPOSES ONLY

P02	31.07.25	FOR STATUTORY CONSULTATION	TW	MD	JS
P01	04.05.25	FOR REVIEW	ARY	TW	TD
Issue	Date	Reviewed	Checked	Checked	Approved

Title: NATIONAL GRID LIONLINK LIMITED (NGLLL)
ILLUSTRATIVE SECTION OF TYPICAL HORIZONTAL
DIRECTIONAL DRILLING (HDD) AT THE LANDFALL SITE
FOR STATUTORY CONSULTATION

Project Name



Application Number

EN020033

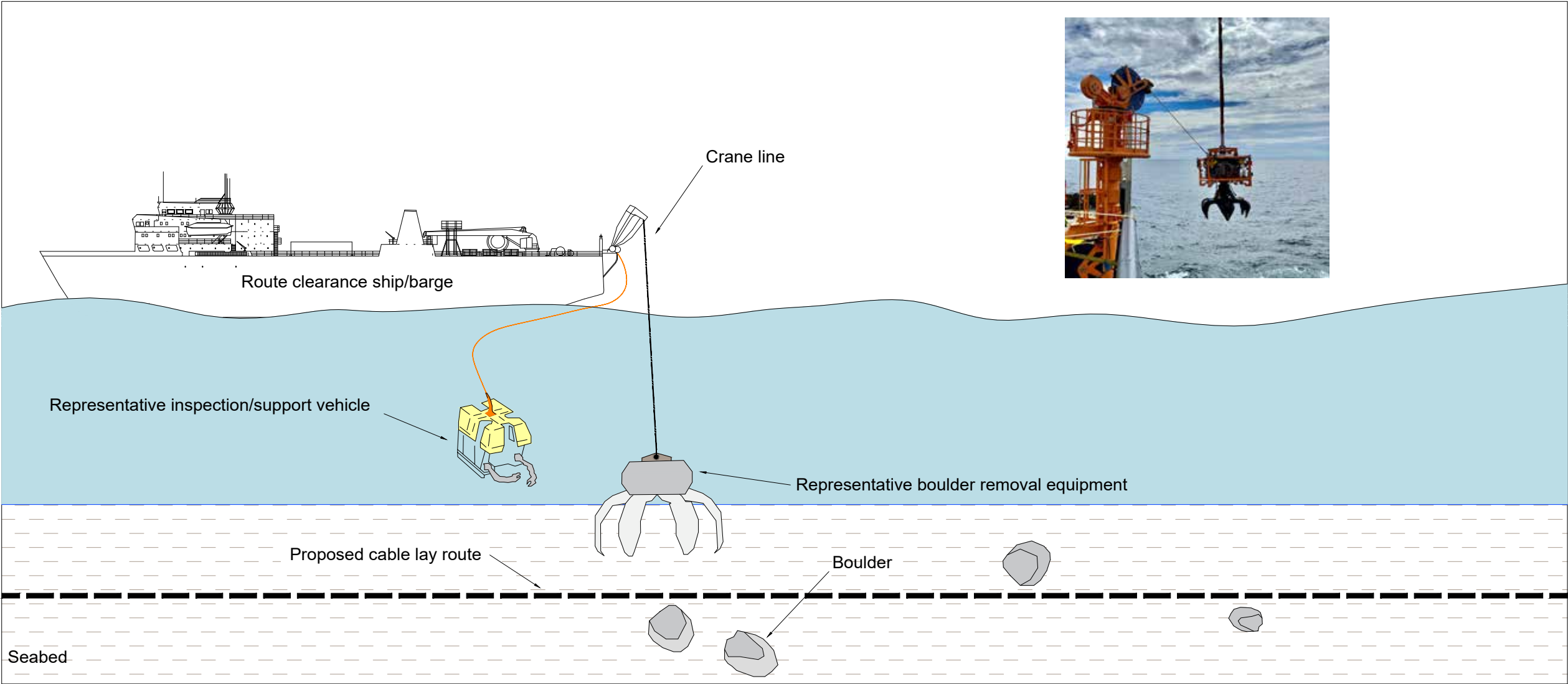
National Grid LionLink Limited Drawing Reference
LLK1-BRH-DWG-CVD-000174

Scale	Sheet Size	Sheet	Issue
NTS	A0	01 OF 01	P02

Section Number	Category Name
03-01	Pre-Cable Installation Works

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF BOULDER CLEARANCE
SHEET 01 OF 01

- Notes:
- 1. Do not scale from this drawing.
 - 2. NTS = Not To Scale.
 - 3. No unauthorised disclosure, storage or copying.
 - 4. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).



Legend:

- Proposed Cable
- Water
- Seabed Sediment
- Boulder

FOR STATUTORY CONSULTATION PURPOSES ONLY

B	16/07/2025	Comments Addressed	AG	CC	CC
A	18/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
BOULDER CLEARANCE
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

LIONLINK

Application Number

EN020033

National Grid Drawing Reference

LLK1-INT-DWG-ENG-000001

Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

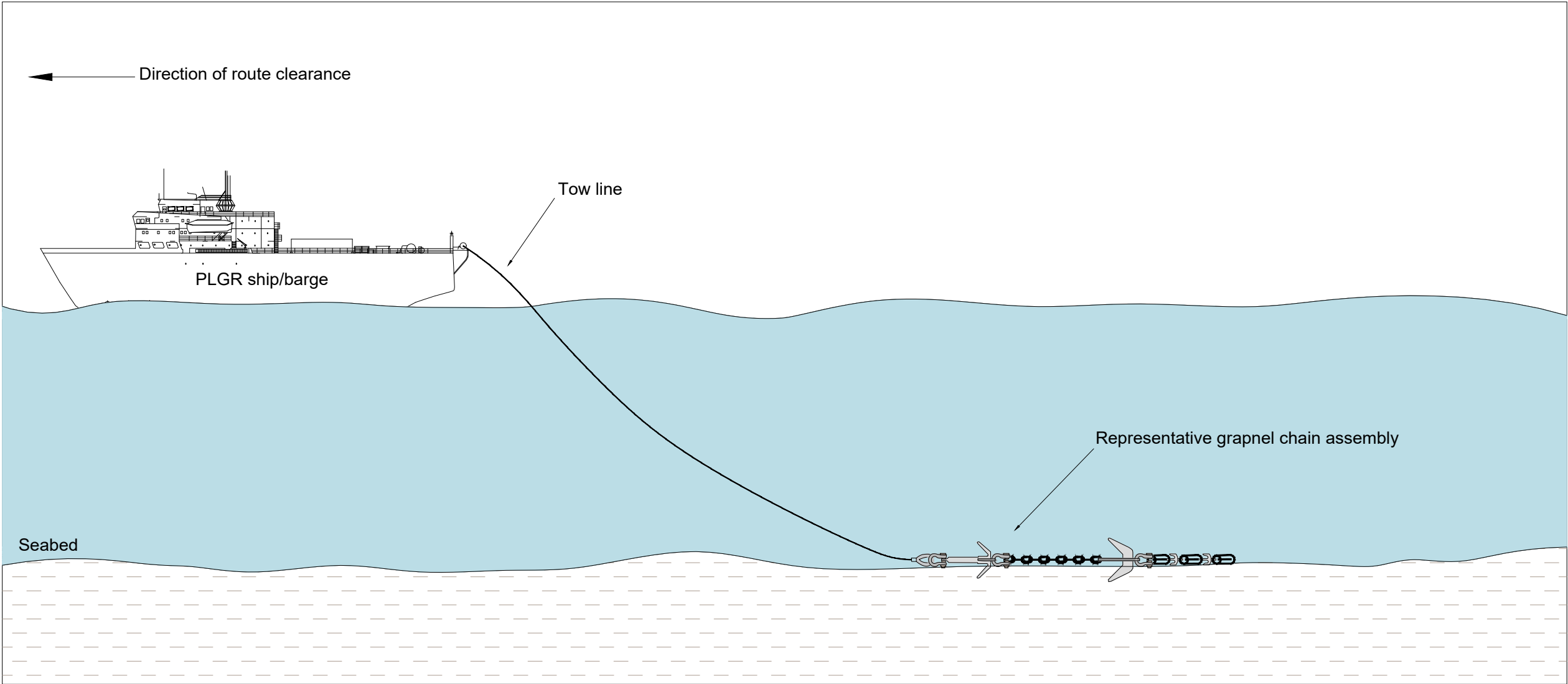
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF PRE-LAY GRAPNEL RUN
SHEET 01 of 01

- Notes:**
- 1. Do not scale from this drawing.
 - 2. NTS = Not To Scale.
 - 3. PLGR = Pre-Lay Grapnel Run.
 - 4. The PLGR is an operation that hooks debris from the seabed using grapnels to clear the seabed prior to installation.
 - 5. No unauthorised disclosure, storage or copying.
 - 6. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

Water

Seabed Sediment



FOR STATUTORY CONSULTATION PURPOSES ONLY

B	21/07/2025	Comments Addressed	AG	CC	CC
A	20/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

Title

NATIONAL GRID LIONLINK LIMITED (NGLLL)

DESIGN AND LAYOUT PLANS - OFFSHORE

ILLUSTRATIVE DRAWING OF

PRE-LAY GRAPNEL RUN

FOR STATUTORY CONSULTATION

SHEET 01 of 01

Project Name

LIONLINK

Application Number

EN020033

National Grid LionLink Drawing Reference

LLK1-INT-DWG-ENG-000002




Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

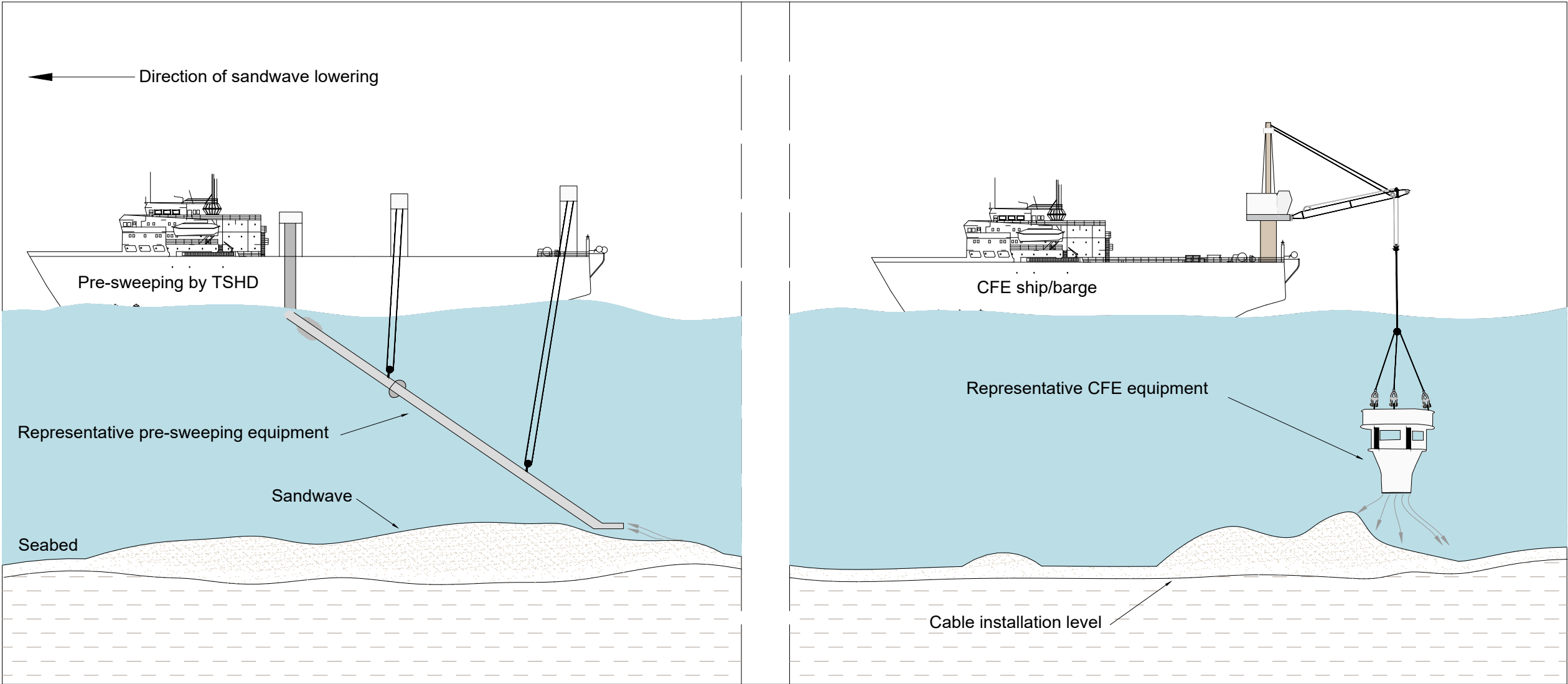
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF PRE-SWEEPING AND SIDE-CASTING
SHEET 01 of 01

Notes:

- 1. Do not scale from this drawing.
- 2. NTS = Not To Scale.
- 3. CFE = Controlled Flow Excavator
- 4. TSHD = Trailing Suction Hopper Dredger.
- 5. Pre-sweeping = Leveling of the seabed by dredging to remove the peaks of seabed features in order to create a more uniform surface for installation.
- 6. Side-casting = Relocation of seabed material (e.g. from pre-sweeping) to the side away from the installation corridor without removal from the marine environment.
- 7. No unauthorised disclosure, storage or copying.
- 8. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

	Water
	Sandwave
	Sub-seabed Sediment



FOR STATUTORY CONSULTATION PURPOSES ONLY

B	16/07/2025	Comments Addressed	AG	CC	CC
A	27/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
PRE-SWEEPING AND SIDE-CASTING
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

LIONLINK

Application Number

EN020033

National Grid LionLink Drawing Reference

LLK1-INT-DWG-ENG-000003

Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

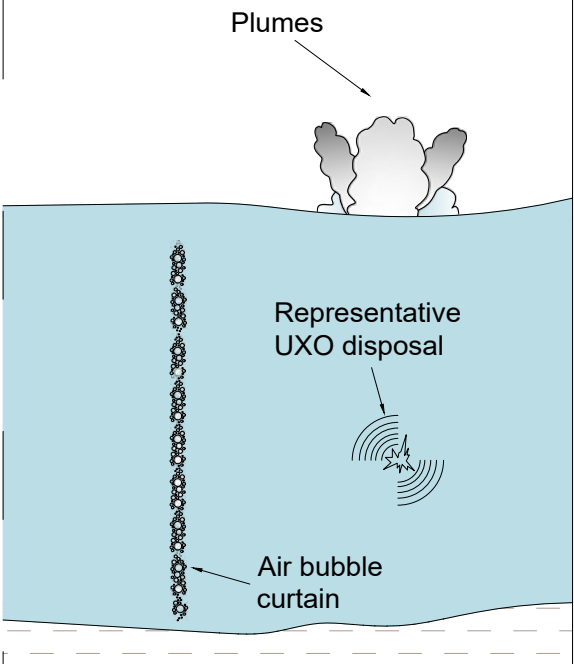
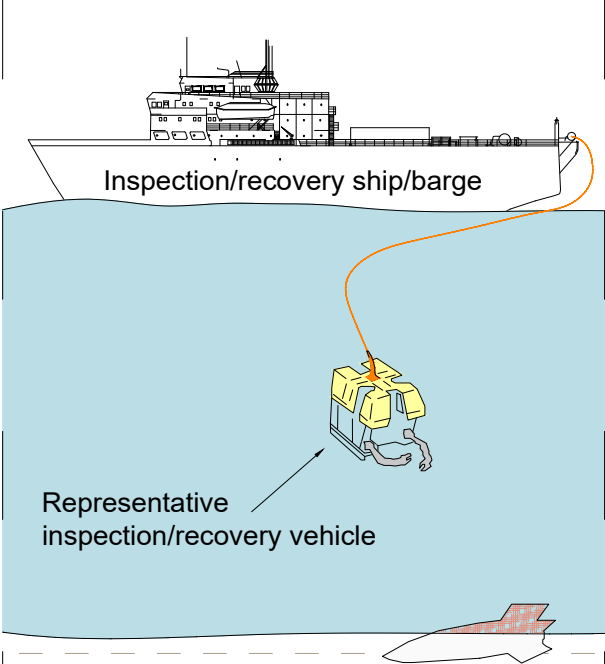
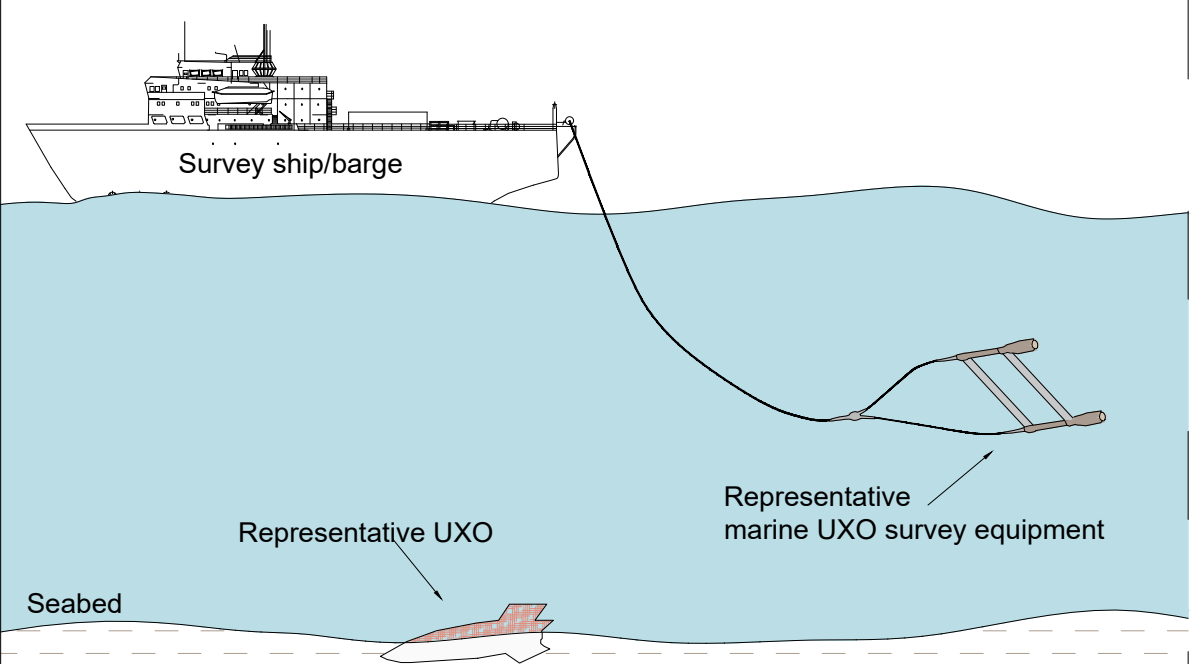
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF UNEXPLODED ORDNANCE, REMOVAL AND DETONATION
SHEET 01 of 01

- Notes:**
- 1. Do not scale from this drawing.
 - 2. NTS = Not To Scale.
 - 3. UXO = Unexploded Ordnance.
 - 4. Air Bubble Curtain = System to mitigate underwater sound.
 - 5. No unauthorised disclosure, storage or copying.
 - 6. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Survey/identification

Inspection/removal

Detonation



Legend:

Water

Seabed Sediment

FOR STATUTORY CONSULTATION PURPOSES ONLY

B	16/07/2025	Comments Addressed	AG	CC	CC
A	20/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

Title NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
UNEXPLODED ORDNANCE, REMOVAL
AND DETONATION
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

LIONLINK

Application Number EN020033

National Grid LionLink Drawing Reference LLK1-INT-DWG-ENG-000004


Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

Section Number	Category Name
03-02	Cable Installation Works


NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF SIMULTANEOUS CABLE LAY AND BURIAL
SHEET 01 of 01

- Notes:
- 1. Do not scale from this drawing.
 - 2. NTS = Not To Scale.
 - 3. No unauthorised disclosure, storage or copying.
 - 4. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).


Legend:




Control Umbilical of Burial Equipment




Tow Line of Burial Equipment



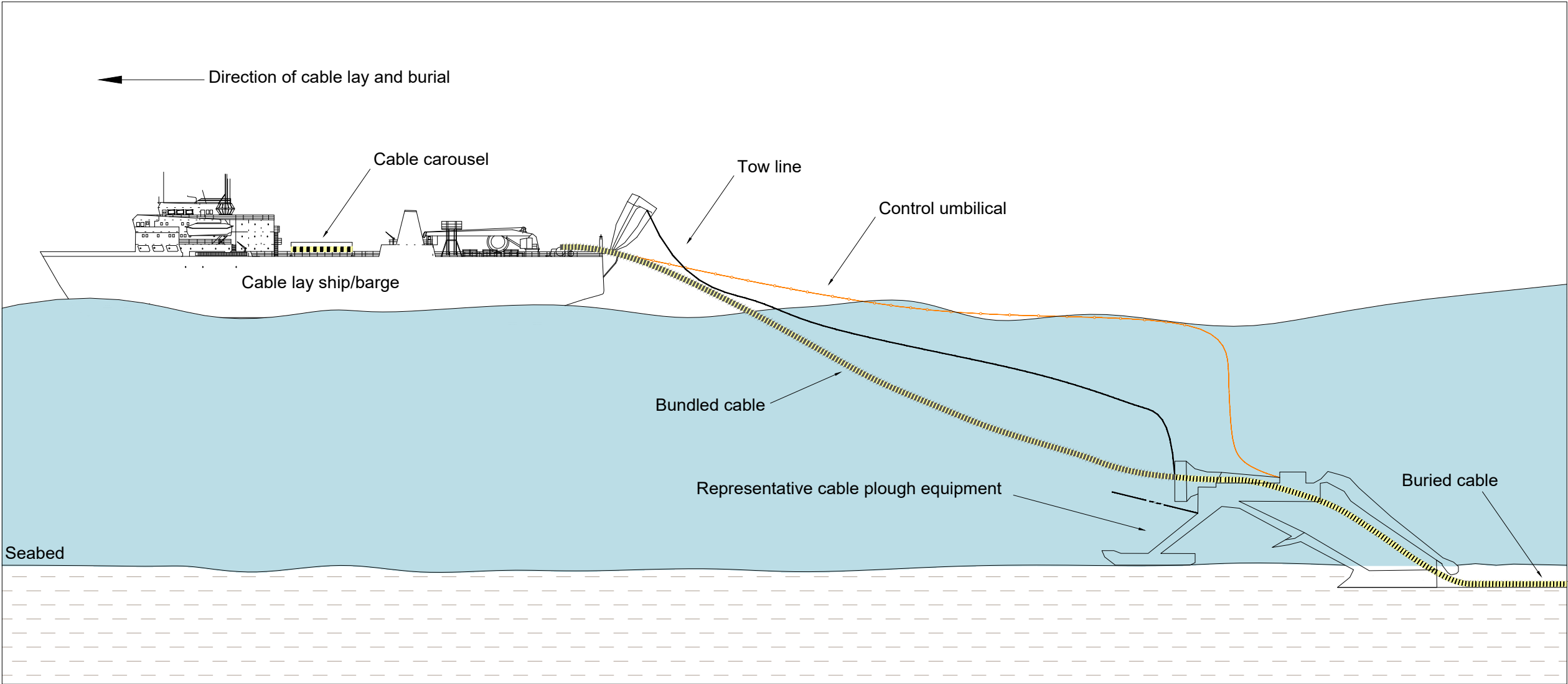
Bundled Cable



Water



Seabed Sediment



FOR STATUTORY CONSULTATION PURPOSES ONLY

B	15/07/2025	Comments Addressed	AG	CC	CC
A	27/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
SIMULTANEOUS CABLE LAY AND BURIAL
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

LIONLINK

Application Number

EN020033

National Grid LionLink Drawing Reference

LLK1-INT-DWG-ENG-000005

Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

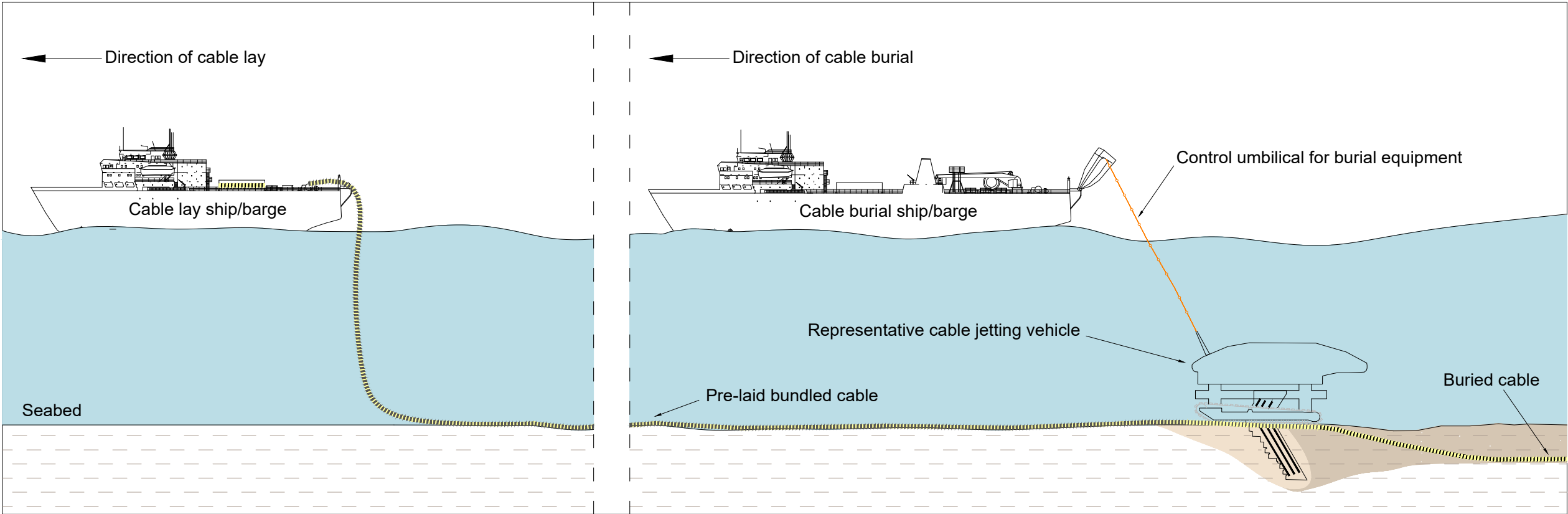
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF CABLE LAY AND POST-CABLE LAY BURIAL
SHEET 01 of 01

Notes:

- 1. Do not scale from this drawing.
- 2. NTS = Not To Scale.
- 3. Fluidisation area = Zone of loosened sediment due to high pressure water.
- 4. Sedimentation area = Zone of disturbed sediments that settle on the seabed after fluidisation.
- 5. No unauthorised disclosure, storage or copying.
- 6. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

- Control Umbilical of Burial Equipment
- Bundled Cable
- Water
- Seabed Sediment
- Fluidisation Area
- Sedimentation Area



FOR STATUTORY CONSULTATION PURPOSES ONLY

B	21/07/2025	Comments Addressed	AG	CC	CC
A	27/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
CABLE LAY AND POST-CABLE LAY BURIAL
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

LIONLINK

Application Number

EN020033

National Grid LionLink Drawing Reference

LLK1-INT-DWG-ENG-000006

Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF OMEGA AND INLINE JOINTS
FOR STATUTORY CONSULTATION
SHEET 01 of 01

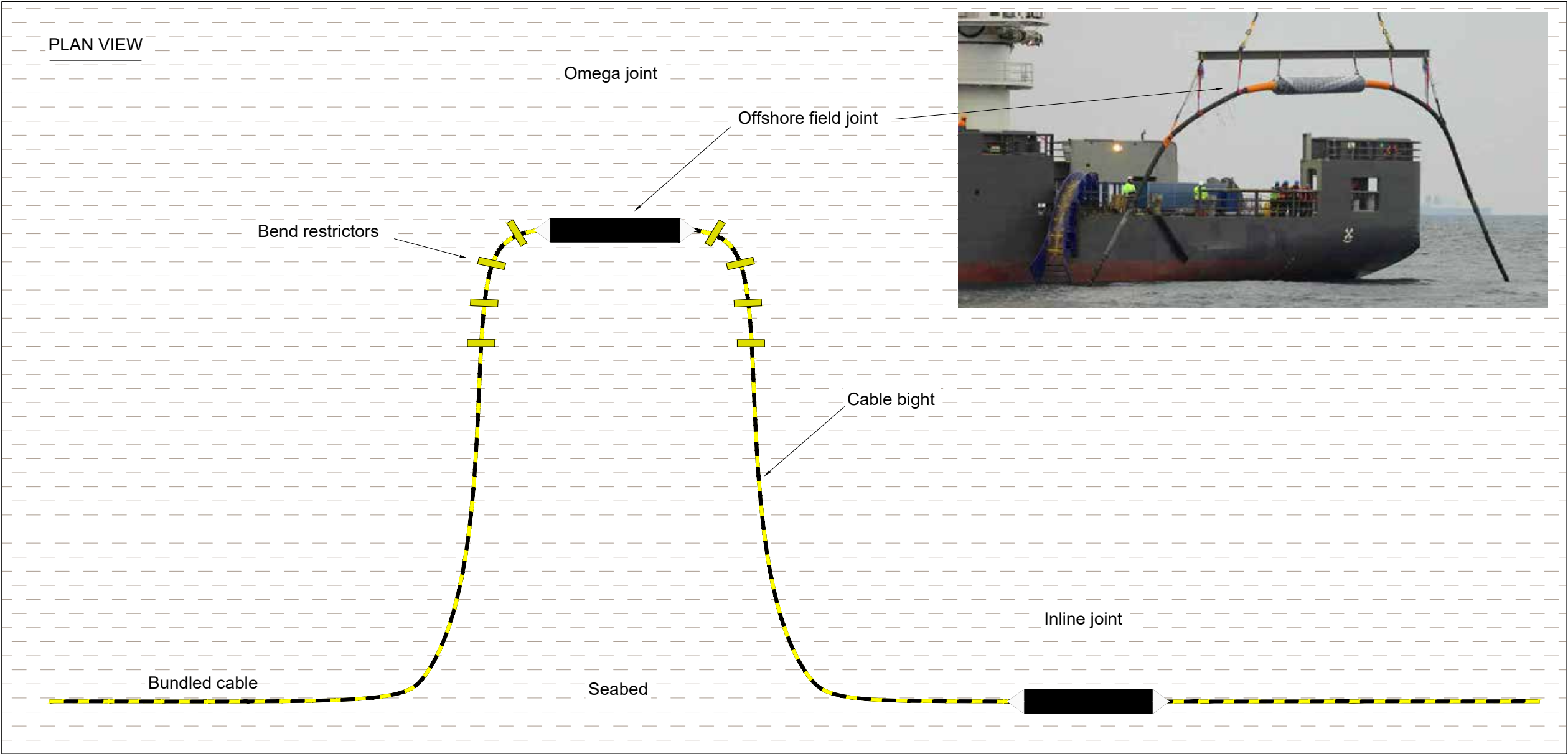
Notes:

- 1. Do not scale from this drawing.
- 2. NTS = Not To Scale.
- 3. Cable bight = A loop of cable that does not cross itself.
- 4. Inline joint = A joint made on-board a cable laying vessel or barge, or in the beach areas, between cable lengths which have been armoured. They are generally used to connect two sections of cable offshore, creating a continuous linear 'inline' asset.
- 5. Omega joint = A joint made during cable lay or during a cable repair. The joint got its name because it results in a bight of cable laid to the side of the main cable route and looks like an 'Ω' when viewed from above.
- 6. No unauthorised disclosure, storage or copying.
- 7. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

- Bundled Cable
- Inline/Omega Joint
- Seabed Sediment

PLAN VIEW



FOR STATUTORY CONSULTATION PURPOSES ONLY

B	16/07/2025	Comments Addressed	AG	CC	CC
A	27/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
OMEGA AND INLINE JOINTS
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

Application Number

EN020033

National Grid LionLink Drawing Reference

LLK1-INT-DWG-ENG-000007

Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

Section Number
03-03


Category Name
Cable Configuration and Trench Profiles

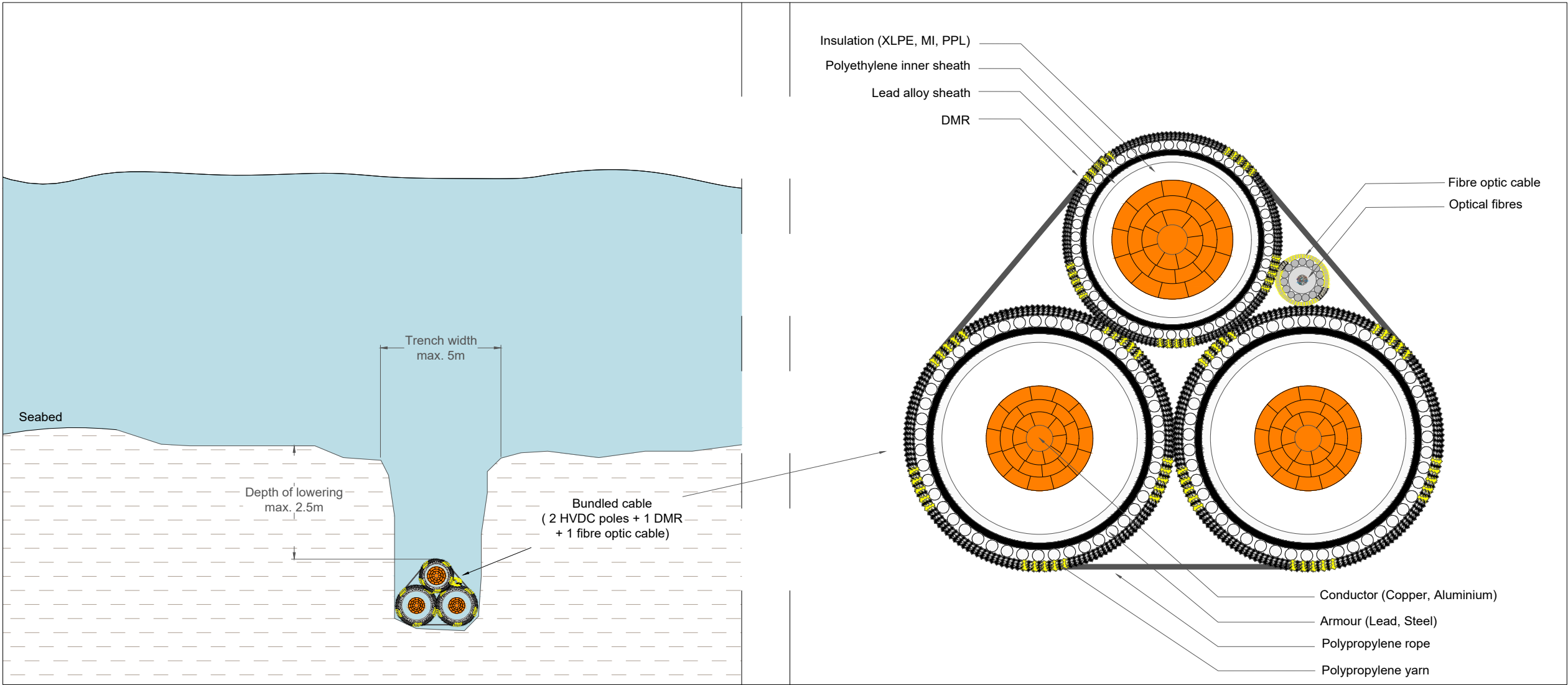
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF BUNDLED CABLE PROFILE / CONFIGURATION
SHEET 01 of 01

Notes:

1. Do not scale from this drawing.
2. NTS = Not To Scale.
3. HVDC = High Voltage Direct Current.
4. XLPE = Cross Linked Polyethylene.
5. MI = Mass Impregnated.
6. PPL = Polypropylene Laminated Papers.
7. DMR = Dedicated Metallic Return.
8. The possibility of 'V' shaped trench due to shallow soil types and/or trench collapse cannot be ruled out.
9. No unauthorised disclosure, storage or copying.
10. This drawing is indicative and subject to change.
11. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARJ-REP-ENV-000004).

Legend:

	Water
	Sub-seabed Sediment



FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Check	Approved
B	21/07/2025	Comments Addressed	AG	CC	CC
A	27/06/2025	First Issue	AG	LA	CC

Title

NATIONAL GRID LIONLINK LIMITED (NGLLL)

DESIGN AND LAYOUT PLANS - OFFSHORE

ILLUSTRATIVE DRAWING OF

BUNDLED CABLE PROFILE / CONFIGURATION

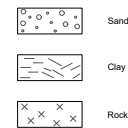
FOR STATUTORY CONSULTATION

SHEET 01 of 01

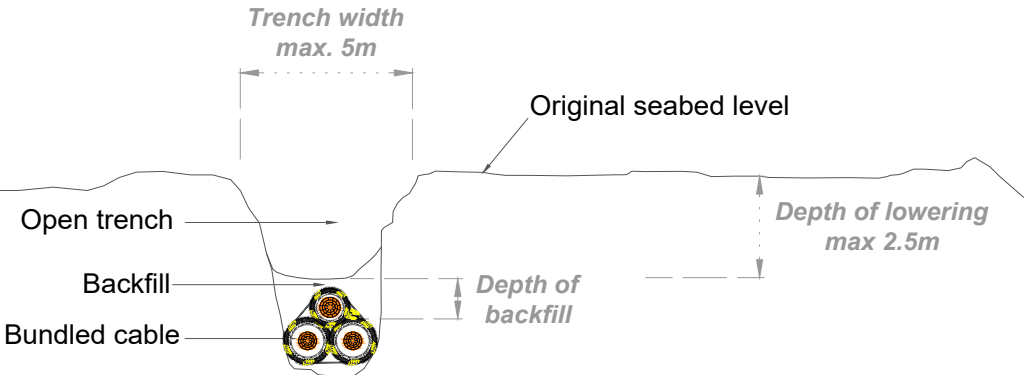
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Application Number	EN020033			
National Grid LionLink Drawing Reference	LLK1-INT-DWG-ENG-000008			
Scale	Sheet Size	Sheet	Issue	
NTS	A1	SHEET 01 OF 01	B	

- Notes:
1. Do not scale from this drawing.
 2. NTS = Not To Scale.
 3. No unauthorised disclosure, storage or copying.
 4. This drawing is indicative and subject to change.
 5. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

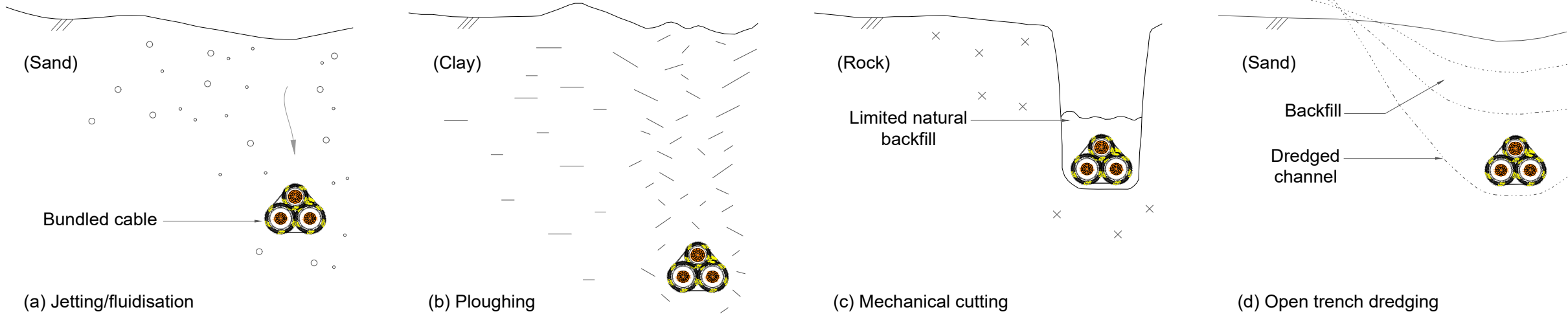
Legend:



Typical trench profile



Trench profiles from different installation equipment



FOR STATUTORY CONSULTATION PURPOSES ONLY

B	21/07/2025	Comments Addressed	AG	CC	CC
A	27/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

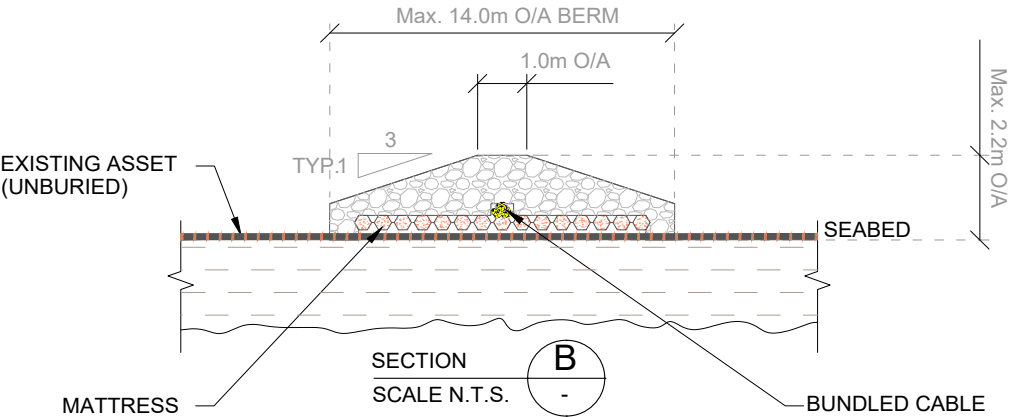
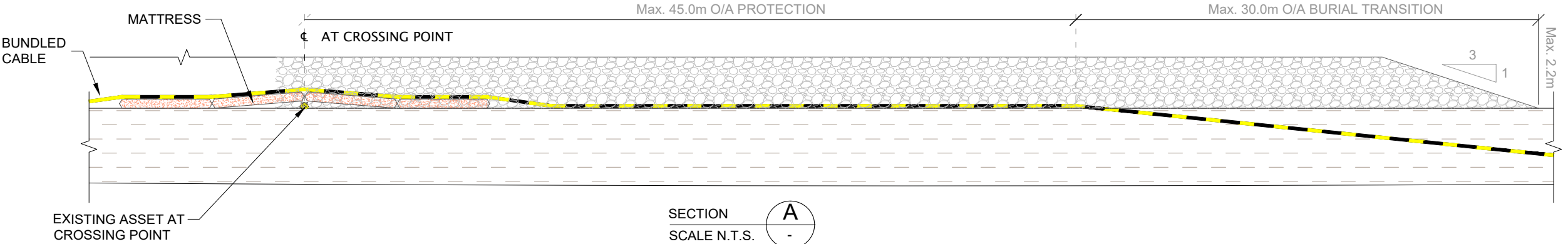
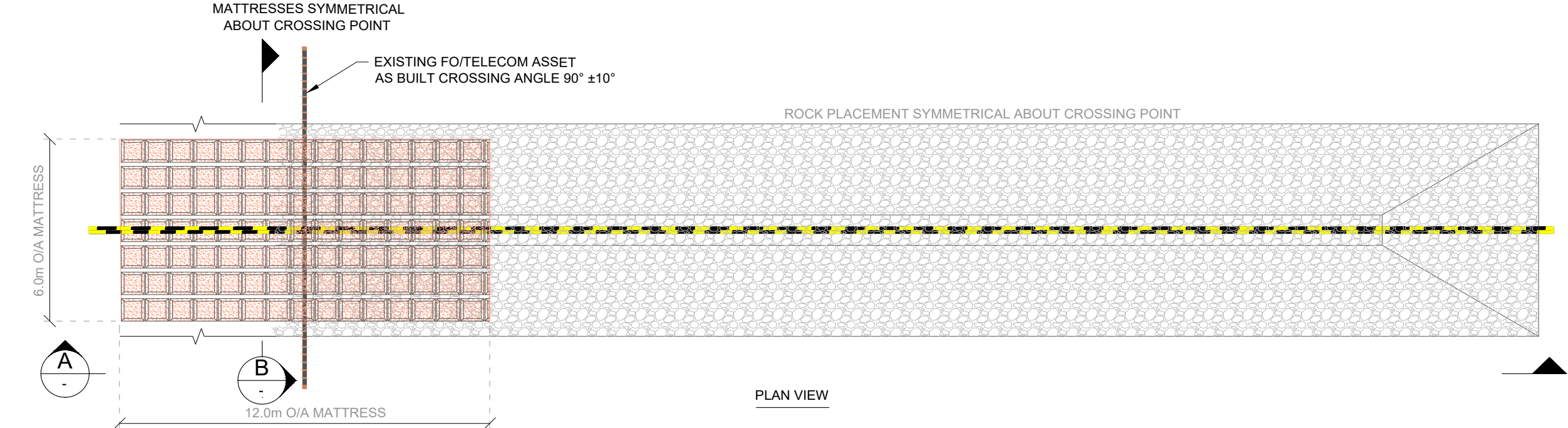
Title
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
TYPICAL MARINE TRENCH PROFILES
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name			
LIONLINK			
Application Number			
EN020033			
National Grid LionLink Drawing Reference			
LLK1-INT-DWG-ENG-000009			
Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

Section Number	Category Name
03-04	Cable Crossings and Protection

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
INDICATIVE BUNDLED CABLE CROSSING OVER
UNBURIED FIBRE OPTIC/TELECOMS ASSET
SHEET 01 of 01

- Notes:
1. Do not scale from this drawing.
 2. NTS = Not To Scale.
 3. FO = Fibre Optic.
 4. O/A = On / About.
 5. No unauthorised disclosure, storage or copying.
 6. This drawing is indicative and subject to change.
 7. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).



Legend:

- Existing Asset (Plan View)
- Bundled Cable
- Mattress (Section A)
- Mattress (Section B)
- Mattress (Plan View)
- Seabed Sediment
- Post Lay Rock Berm

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Check	Approved
B	21/07/2025	Comments Addressed	AG	LA	LA
A	08/07/2025	First Issue	AG	CC	CC

Title

NATIONAL GRID LIONLINK LIMITED (NGLLL)

DESIGN AND LAYOUT PLANS - OFFSHORE
INDICATIVE BUNDLED CABLE CROSSING
OVER UNBURIED FIBRE OPTIC/TELECOMS ASSET
FOR STATUTORY CONSULTATION

SHEET 01 of 01

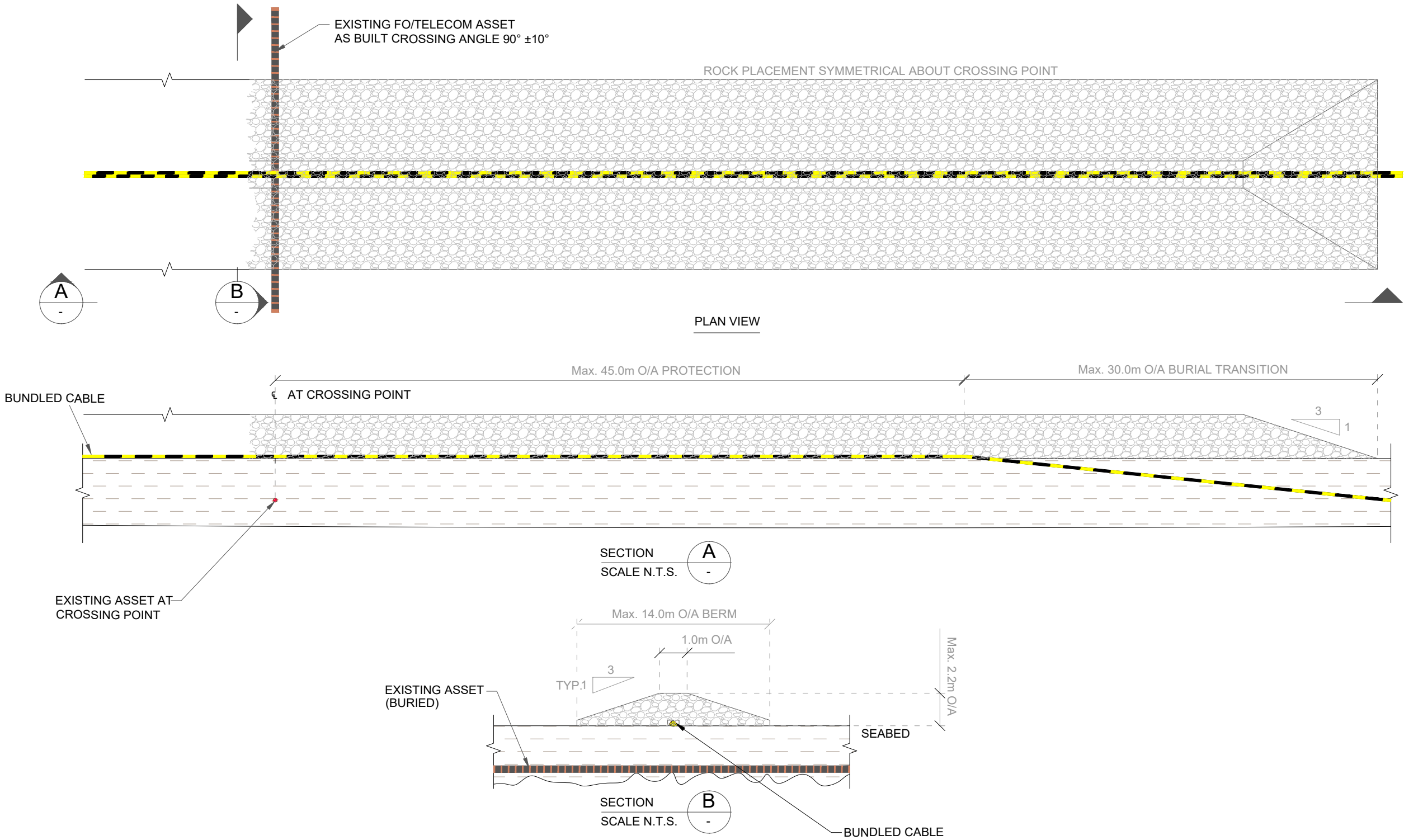
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Application Number	EN020033			
National Grid LionLink Limited Drawing Reference	LLK1-INT-DWG-ENG-000010			
Scale	Sheet Size	Sheet	Issue	
NTS	A1	SHEET 01 OF 01	B	

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF BUNDLED CABLE CROSSING OVER BURIED FIBRE OPTIC/TELECOMS ASSET
SHEET 01 of 01

- Notes:
- 1. Do not scale from this drawing.
 - 2. NTS = Not To Scale.
 - 3. FO = Fibre Optic.
 - 4. O/A = On / About.
 - 5. No unauthorised disclosure, storage or copying.
 - 6. This drawing is indicative and subject to change.
 - 7. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

- Existing Asset
- Bundled Cable
- Seabed Sediment
- Post Lay Rock Berm



FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Check	Approved
B	21/07/2025	Comments Addressed	AG	LA	LA
A	08/07/2025	First Issue	AG	CC	CC

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
INDICATIVE BUNDLED CABLE CROSSING
OVER BURIED FIBRE OPTIC/TELECOMS ASSET
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name

LIONLINK

Application Number

EN020033

National Grid LionLink Limited Drawing Reference

LLK1-INT-DWG-ENG-000011

Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

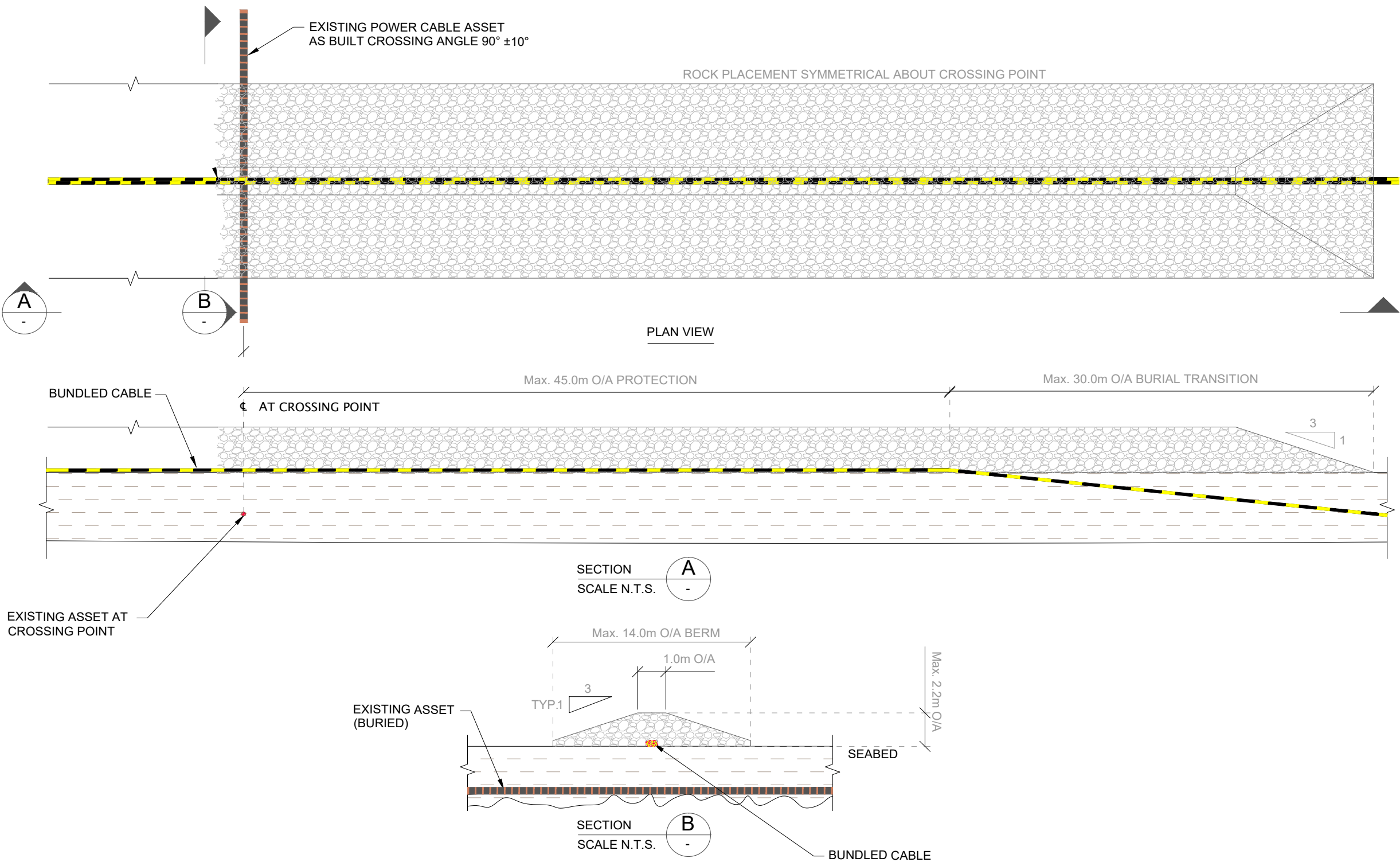
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF BUNDLED CABLE CROSSING OVER BURIED POWER CABLE ASSET
SHEET 01 of 01

Notes:

1. Do not scale from this drawing.
2. NTS = Not To Scale.
3. FO = Fibre Optic.
4. O/A = On / About.
5. This drawing is indicative and subject to change.
6. Minimum vertical offset between the crossing power cables to be agreed as part of crossing agreement.
7. No unauthorised disclosure, storage or copying.
8. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

- Existing Asset
- Bundled Cable
- Seabed Sediment
- Post Lay Rock Berm



FOR STATUTORY CONSULTATION PURPOSES ONLY

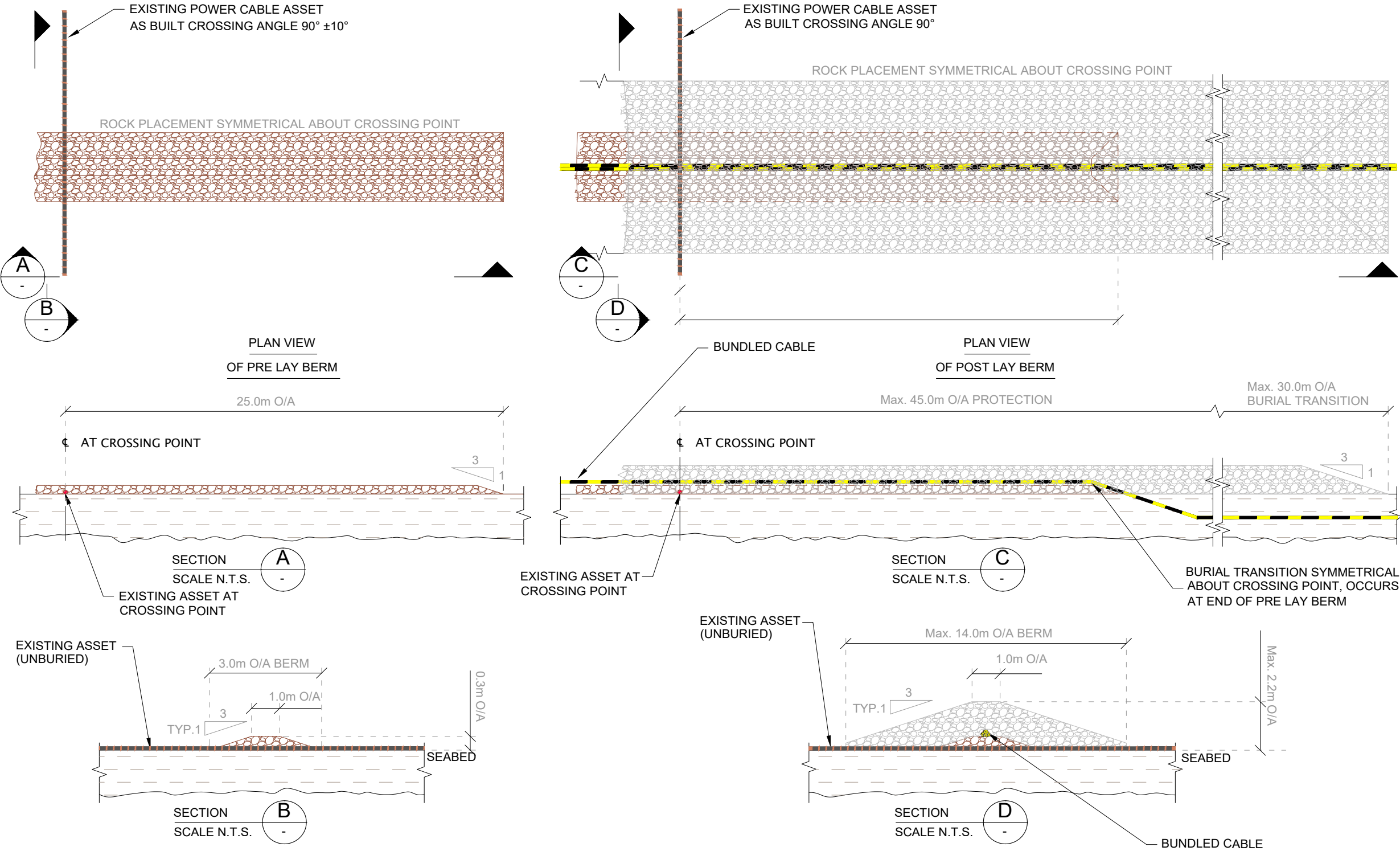
Issue	Date	Remarks	Drawn	Check	Approved
B	21/07/2025	Comments Addressed	AG	CC	CC
A	08/07/2025	First Issue	AG	CC	CC

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
INDICATIVE BUNDLED CABLE CROSSING
OVER BURIED POWER CABLE ASSET
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name	LIONLINK			
Application Number	EN020033			
National Grid LionLink Limited Drawing Reference	LLK1-INT-DWG-ENG-000012			
Scale	Sheet Size	Sheet	Issue	
NTS	A1	SHEET 01 OF 01	B	

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF BUNDLED CABLE CROSSING OVER PRE LAY BERM
SHEET 01 of 01

- Notes:**
- Do not scale from this drawing.
 - NTS = Not To Scale.
 - O/A = On / About.
 - No unauthorised disclosure, storage or copying.
 - This drawing is indicative and subject to change.
 - This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).



Legend:

- Existing Asset
- Bundled Cable
- Seabed Sediment
- Post Lay Rock Berm
- Pre Lay Rock Berm

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Check	Approved
B	21/07/2025	Comments Addressed	AG	CC	CC
A	08/07/2025	First Issue	AG	CC	CC

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF BUNDLED
CABLE CROSSING OVER PRE LAY BERM
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name
LIONLINK

Application Number
EN020033

National Grid LionLink Limited Drawing Reference
LLK1-INT-DWG-ENG-000013

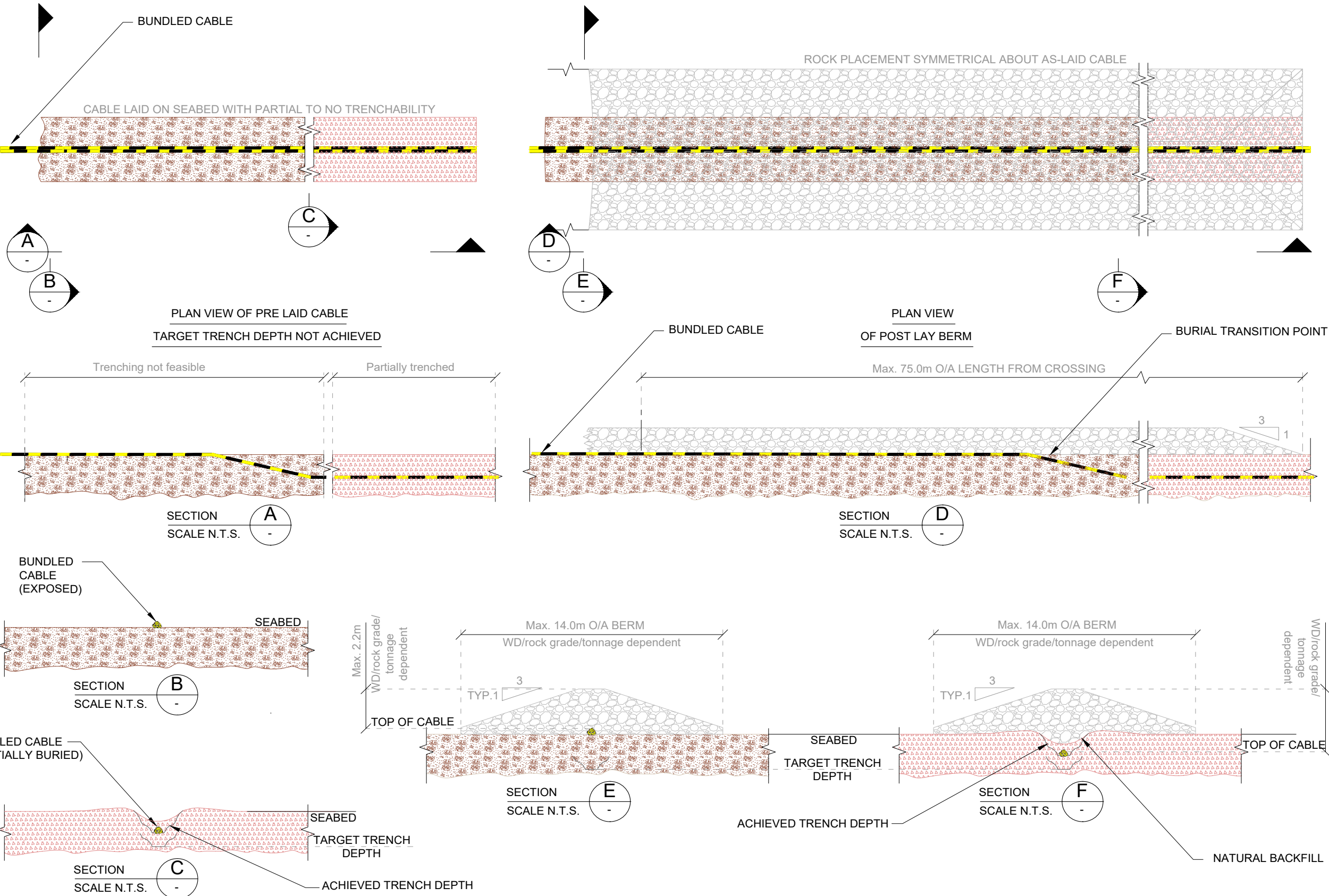
Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF ROCK BERM SCHEMATICS PRE LAY AND POST LAY
SHEET 01 of 01

- Notes:**
1. Do not scale from this drawing.
 2. NTS = Not To Scale.
 3. O/A = On / About.
 4. WD = Water Depth.
 5. Dimensions of berms are dependent on water depth, grade of rock & tonnage of rock required for protection.
 6. No unauthorised disclosure, storage or copying.
 7. This drawing is indicative and subject to change.
 8. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

- Bundled Cable
- Post Lay Rock Berm
- Non-Trenchable Soil
- Semi-Trenchable Soil



FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Check	Approved
B	17/07/2025	Comments Addressed	AG	LA	LA
A	08/07/2025	First Issue	AG	CC	CC

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF ROCK BERM
SCHEMATICS PRE LAY AND POST LAY
FOR STATUTORY CONSULTATION
SHEET 01 of 01

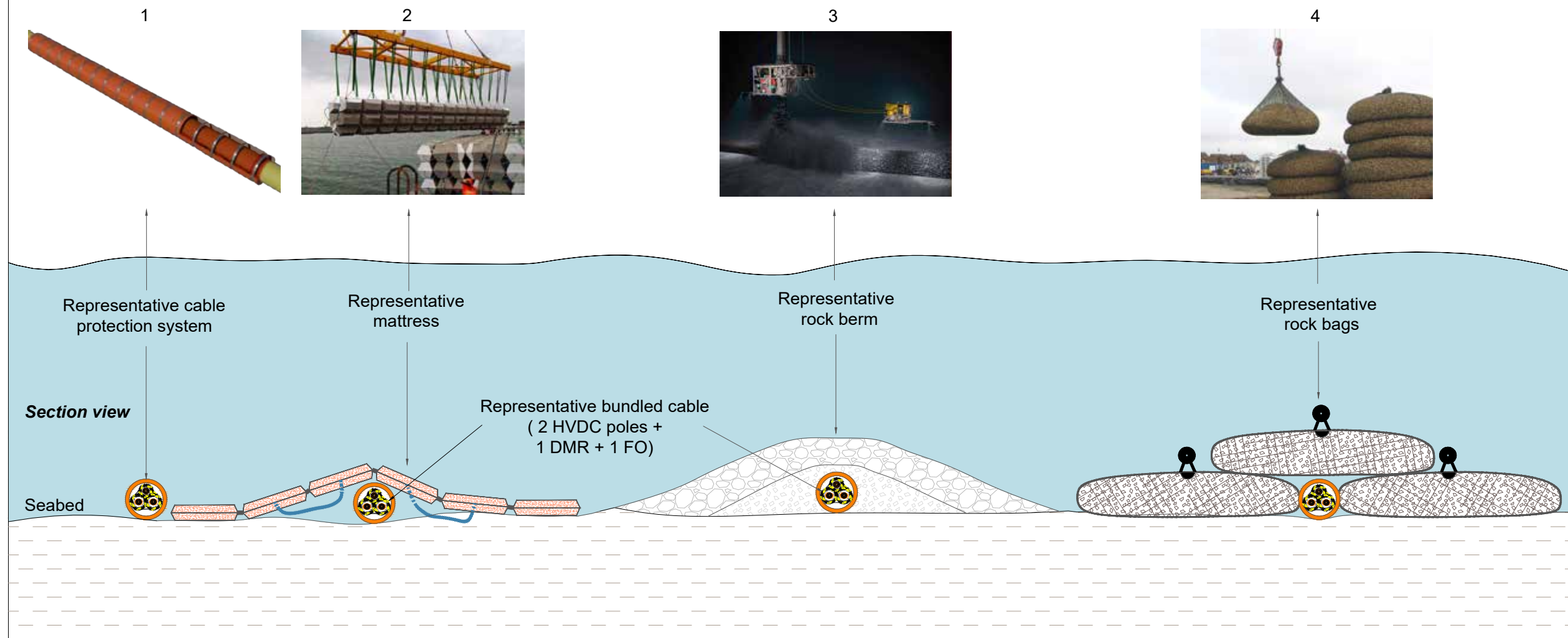
Project Name	LionLink			
Application Number	EN020033			
National Grid LionLink Limited Drawing Reference	LLK1-INT-DWG-ENG-000014			
Scale	Sheet Size	Sheet	Issue	
NTS	A1	SHEET 01 OF 01	B	

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF CABLE PROTECTION SYSTEMS
SHEET 01 of 01

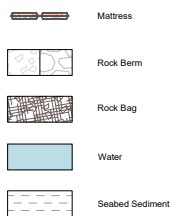
Notes:

1. Do not scale from this drawing.
2. NTS = Not To Scale.
3. HVDC = High Voltage Direct Current.
4. DMR = Dedicated Metallic Return.
5. FO = Fibre Optic.
6. No unauthorised disclosure, storage or copying.
7. This drawing is indicative and subject to change.
8. This drawing is to be read in conjunction with I the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Representative images of various cable protection methodologies



Legend:



FOR STATUTORY CONSULTATION PURPOSES ONLY						
B	17/07/2025	Comments Addressed	AG	LA	LA	
	08/07/2025	First Issue	AG	CC	CC	
Issue	Date	Remarks	Drawn	Check	Approved	

<u>Title</u>	NATIONAL GRID LIONLINK LIMITED (NGLLL)
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DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
CABLE PROTECTION SYSTEMS
FOR STATUTORY CONSULTATION

SHEET 01 of 01

Project Name	
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LIONLINK:

Application Number

EN020033

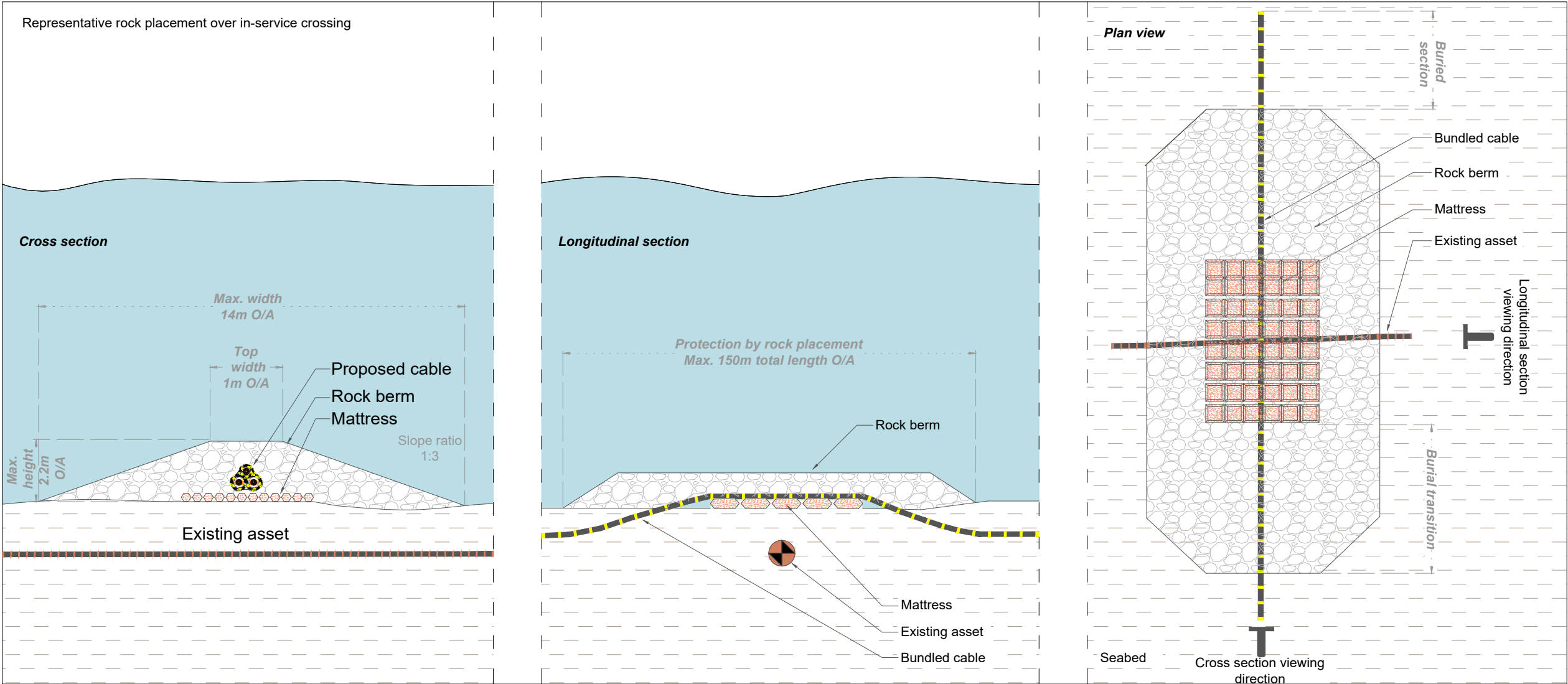
National Grid LionLink Limited Drawing Reference

LLK1-INT-DWG-ENG-000015

<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
NTS	A1	SHEET 01 OF 01	B

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF ROCK PLACEMENT SECTIONS
SHEET 01 of 01

- Notes:
- 1. Do not scale from this drawing.
 - 2. NTS = Not To Scale.
 - 3. No unauthorised disclosure, storage or copying.
 - 4. This drawing is indicative and subject to change.
 - 5. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARJ-REP-ENV-000004).



- Legend:
- Existing Asset
 - Bundled Cable
 - Mattress (Longitudinal Section)
 - Mattress (Cross Section)
 - Mattress (Plan View)
 - Rock Berm
 - Water
 - Seabed Sediment

FOR STATUTORY CONSULTATION PURPOSES ONLY

Issue	Date	Remarks	Drawn	Check	Approved
B	22/07/2025	Comments Addressed	AG	CC	CC
A	08/07/2025	First Issue	AG	CC	CC

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - OFFSHORE
ILLUSTRATIVE DRAWING OF
ROCK PLACEMENT SECTIONS
FOR STATUTORY CONSULTATION
SHEET 01 of 01

<u>Project Name</u>			
LIONLINK			
<u>Application Number</u>			
EN020033			
<u>National Grid LionLink Limited Drawing Reference</u>			
LLK1-INT-DWG-ENG-000016			
<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
NTS	A1	SHEET 01 OF 01	B

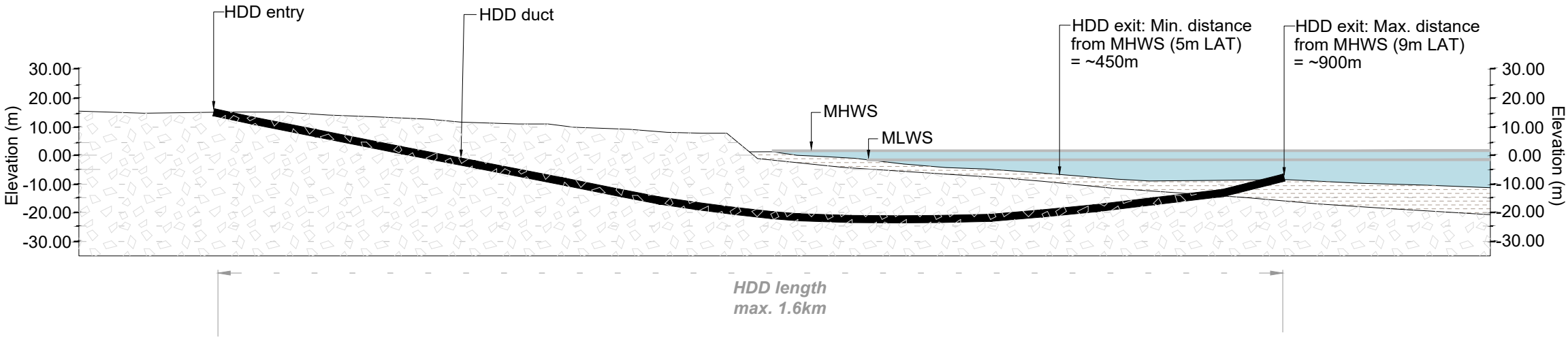
Section Number	Category Name
03-05	Landfall Trenchless Installation Technique

NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - ONSHORE
ILLUSTRATIVE DRAWING OF TYPICAL HDD LANDFALL
SHEET 01 of 01

- Notes:**
1. Do not scale from this drawing.
 2. NTS = Not To Scale.
 3. MHWS = Mean High Water Springs.
 4. MLWS = Mean Low Water Springs.
 5. LAT = Lowest Astronomical Tide (water depth reference level).
 6. HDD = Horizontal Directional Drilling.
 7. HDD length is dependent on the local geological ground conditions, up to 1.6km.
 8. HDD punch-out (exit) will depend on further technical studies and design.
 9. No unauthorised disclosure, storage or copying.
 10. This drawing is indicative and subject to change.
 11. This drawing is to be read in conjunction with the Preliminary Environmental Information Report Volume 1 Chapter 2 Description of the Proposed Scheme (LLK1-ARU-REP-ENV-000004).

Legend:

- Water
- Seabed Sediment
- Bedrock



ILLUSTRATIVE SECTION

FOR STATUTORY CONSULTATION PURPOSES ONLY

B	22/07/2025	Comments Addressed	AG	CC	CC
A	20/06/2025	First Issue	AG	LA	CC
Issue	Date	Remarks	Drawn	Check	Approved

Title
NATIONAL GRID LIONLINK LIMITED (NGLLL)
DESIGN AND LAYOUT PLANS - ONSHORE
ILLUSTRATIVE DRAWING OF
TYPICAL HDD LANDFALL
FOR STATUTORY CONSULTATION
SHEET 01 of 01

Project Name			
<div>LIONLINK</div>			
Application Number			
EN020033			
National Grid LionLink Drawing Reference			
LLK1-INT-DWG-ENG-000017			
Scale	Sheet Size	Sheet	Issue
NTS	A1	SHEET 01 OF 01	B



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