

A green tractor is plowing a brown field. In the background, there are green trees and a clear blue sky. The tractor is moving from left to right, leaving a furrow in the soil.

## The Great Grid Upgrade

Eastern Green Link 3 (EGL 3) and  
Eastern Green Link 4 (EGL 4)

# English Offshore Scheme Construction and Design Drawings

May 2025

To assist with understanding these drawings  
please see the **Guide to Consultation  
Documents and Drawings**.

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## The Great Grid Upgrade

Eastern Green Link 3 (EGL 3) and  
Eastern Green Link 4 (EGL 4)

# 01. Pre-Cable Installation Works

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# 01. Pre-Cable Installation Works

Drawing Category	Plan Title	Drawing Reference
English Offshore Scheme Construction and Design Drawings		
Pre-Cable Installation Works	Illustration of Unexploded Ordnance, Removal and Detonation	S42/ODD/0001 Rev 01
	Illustration of Boulder Clearance	S42/ODD/0002 Rev 01
	Illustration of Pre Lay Grapnel Run	S42/ODD/0003 Rev 01
	Illustration of Indicative Pre-Sweeping and Sidecasting	S42/ODD/0004 Rev 01

To assist with understanding these drawings please see the **Guide to Consultation Documents and Drawings**.

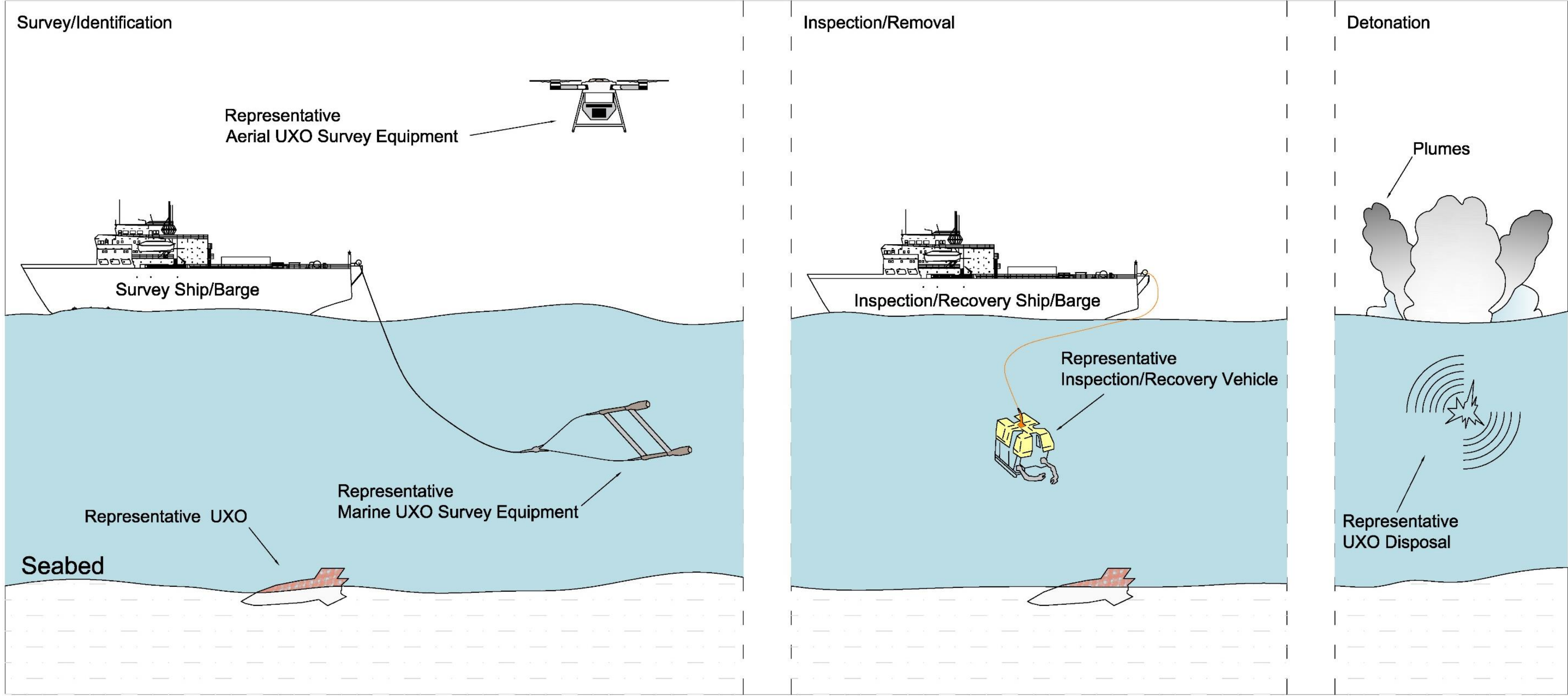


EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
UNEXPLODED ORDNANCE, REMOVAL AND DETONATION  
SHEET 1 OF 1

Legend

Water

Seabed Sediment



Notes

This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
UNEXPLODED ORDNANCE, REMOVAL AND  
DETONATION  
SHEET 1 OF 1

Figure Number

1

Drawing Reference

S42/ODD/0001

Scale	Sheet Size	Sheet	Issue
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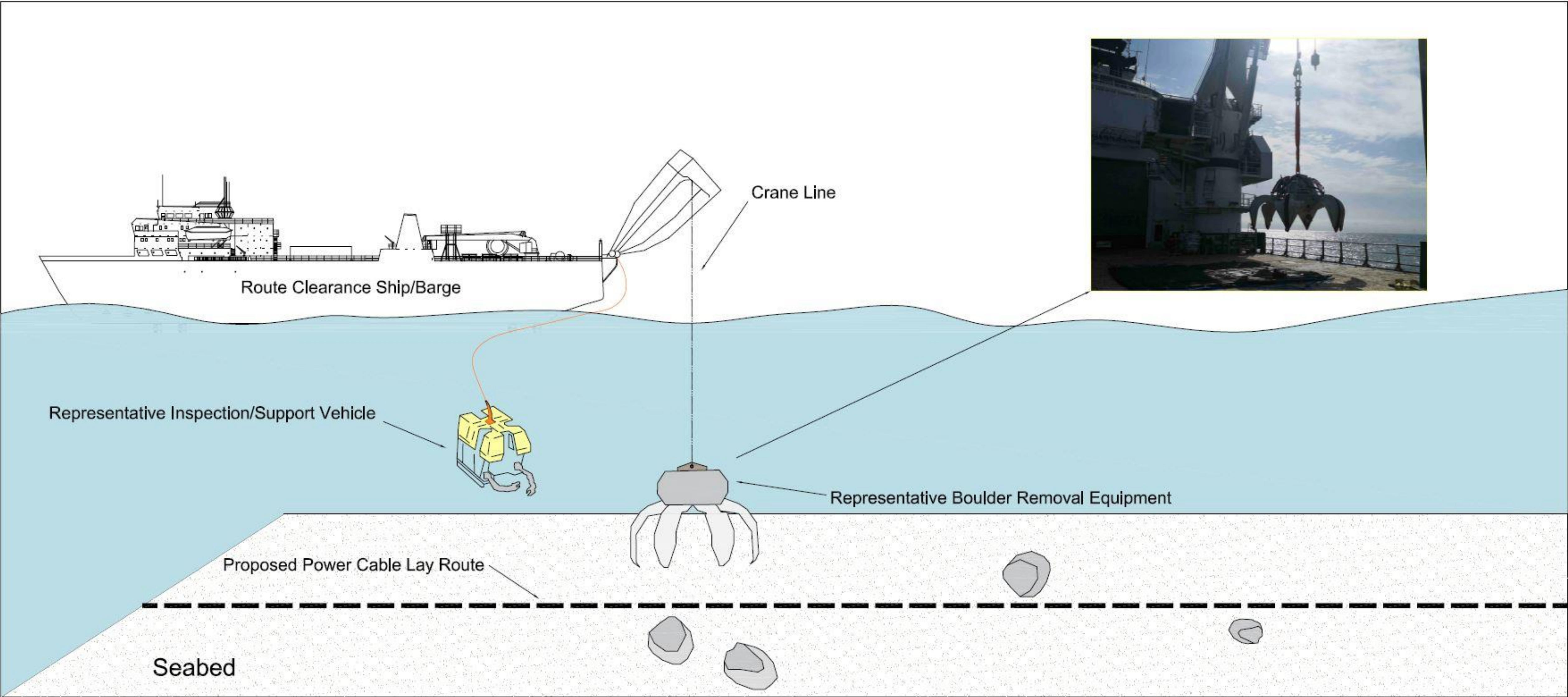
EASTERN GREEN LINK (EGL) 3 & EGL 4

ILLUSTRATION OF BOULDER CLEARANCE

SHEET 1 OF 1

Legend

Water

Seabed Sediment

Notes

This drawing 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.

Coordinate System: N/A

Sheet X Centroid Coordinate: N/A

Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF BOULDER CLEARANCE

SHEET 1 OF 1

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Figure Number			
2			
Drawing Reference			
S42/ODD/0002			
Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01



EASTERN GREEN LINK (EGL) 3 & EGL 4

ILLUSTRATION OF PRE LAY GRAPNEL RUN

SHEET 1 OF 1

Legend

Water

Seabed Sediment

Notes

This drawing 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.

Coordinate System: N/A

Sheet X Centroid Coordinate: N/A

Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF PRE LAY GRAPNEL RUN

SHEET 1 OF 1

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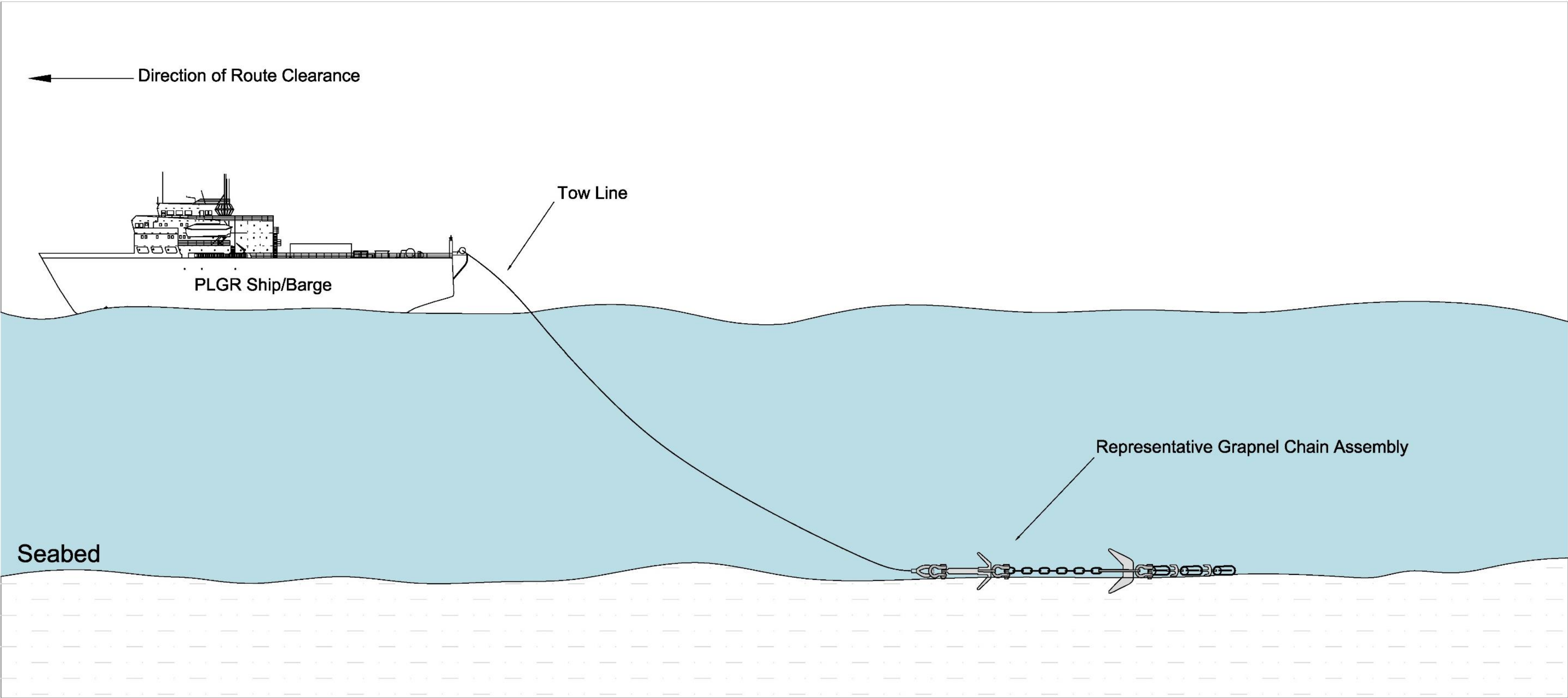
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3

Drawing Reference

S42/ODD/0003

Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01



EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
INDICATIVE PRE-SWEEPING AND SIDECASTING  
SHEET 1 OF 1

Legend

Water

Sandwave

Notes

This drawing 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.

Coordinate System: N/A

Sheet X Centroid Coordinate: N/A

Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4  
ILLUSTRATION OF  
INDICATIVE PRE-SWEEPING AND  
SIDECASTING  
SHEET 1 OF 1

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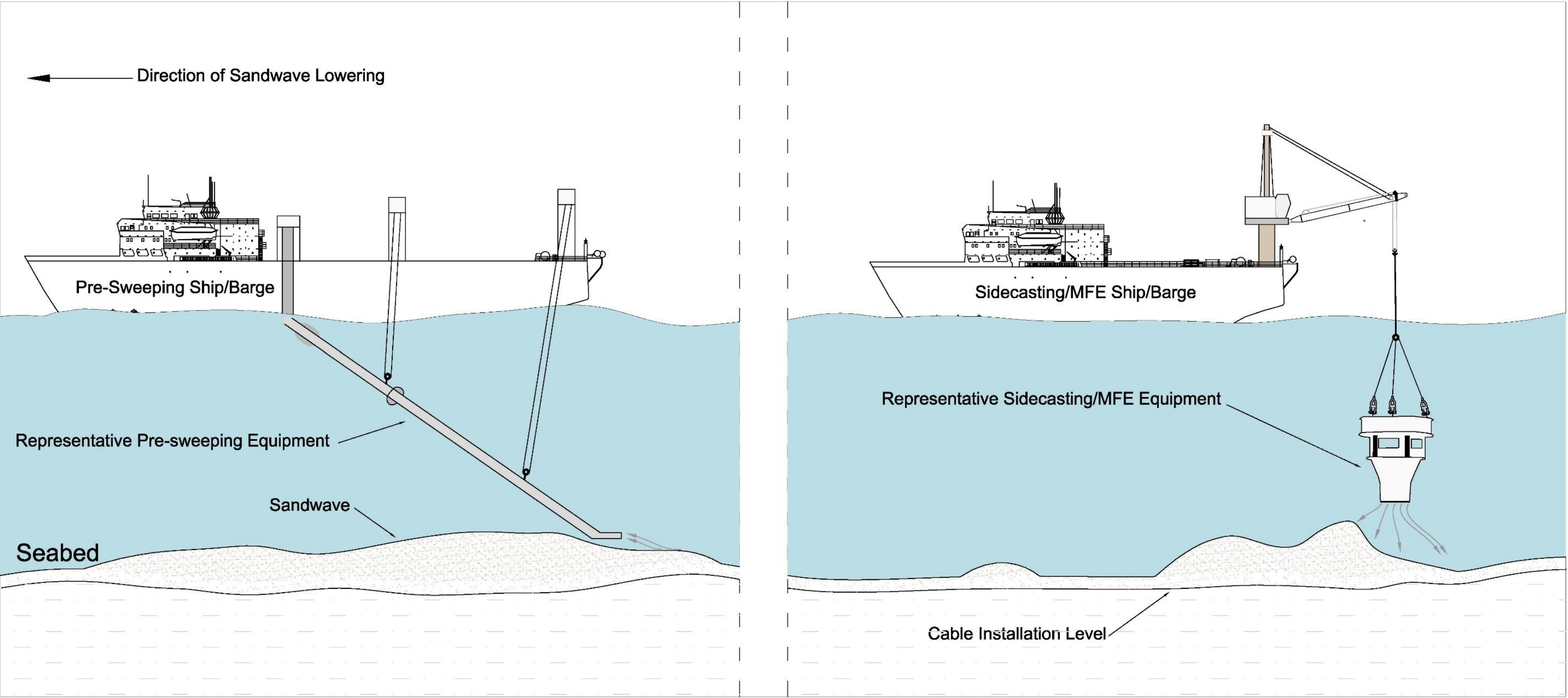
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4

Drawing Reference

S42/ODD/0004

Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01





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Eastern Green Link 3 (EGL 3) and  
Eastern Green Link 4 (EGL 4)

# 02. Cable Installation Works

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# 02. Cable Installation Works

Drawing Category	Plan Title	Drawing Reference
English Offshore Scheme Construction and Design Drawings		
Cable Installation Works	Illustration of Simultaneous Lay and Burial	S42/ODD/0005 Rev 01
	Illustration of Lay and Post-Lay Burial	S42/ODD/0006 Rev 01
	Illustration of Omega Inline Joint	S42/ODD/0007 Rev 01

To assist with understanding these drawings please see the **Guide to Consultation Documents and Drawings**.



EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
SIMULTANEOUS LAY AND BURIAL  
SHEET 1 OF 1

Legend

Water

Seabed Sediment

Control Umbilical of Burial Equipment

Tow Line of Burial Equipment

New HVDC Bundle

Notes

This drawing 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.

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Sheet X Centroid Coordinate: N/A      Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

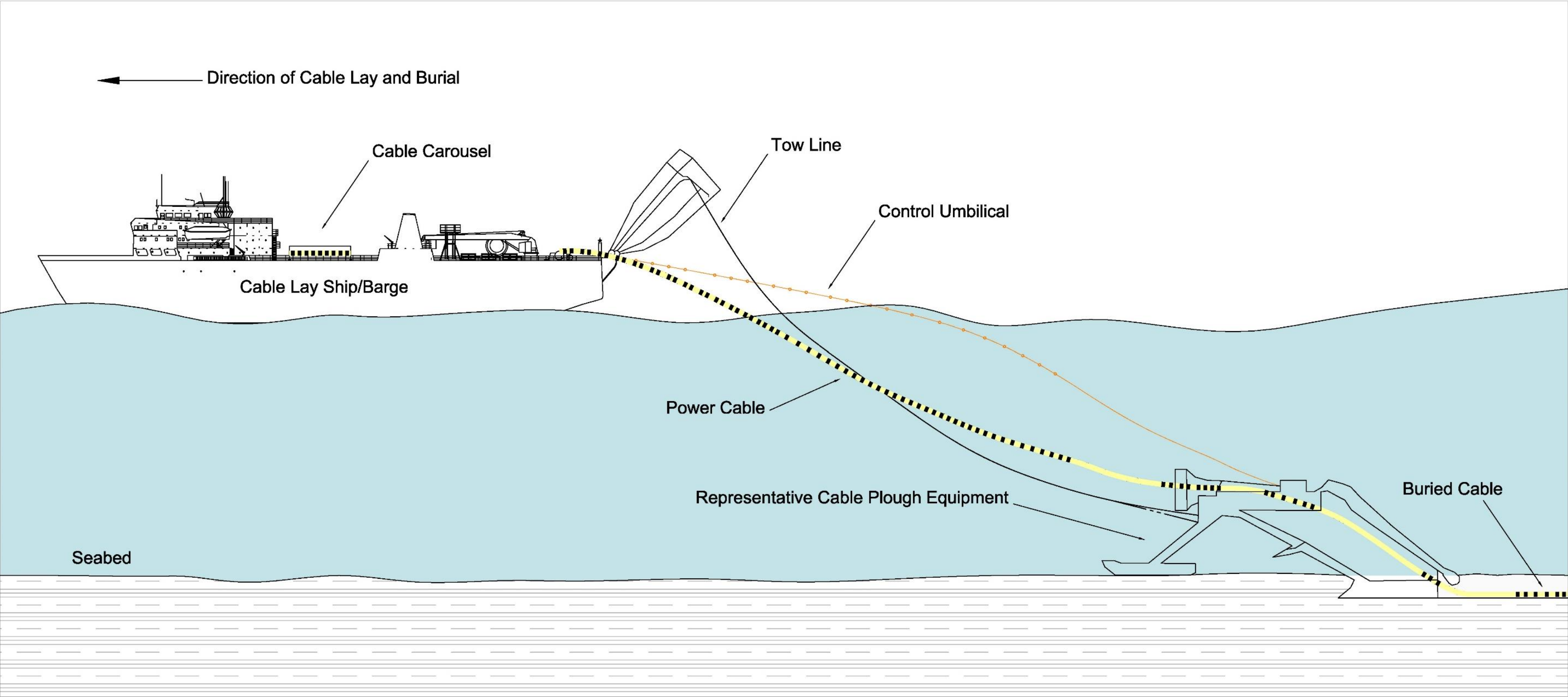
Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
SIMULTANEOUS LAY AND BURIAL  
SHEET 1 OF 1

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Figure Number			
5			
Drawing Reference			
S42/ODD/0005			
Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01





EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
LAY AND POST-LAY BURIAL  
SHEET 1 OF 1

Legend

Water

Seabed Sediment

Notes

This drawing 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.

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Issue	Date	Remarks	Drawn	Checked	Approved

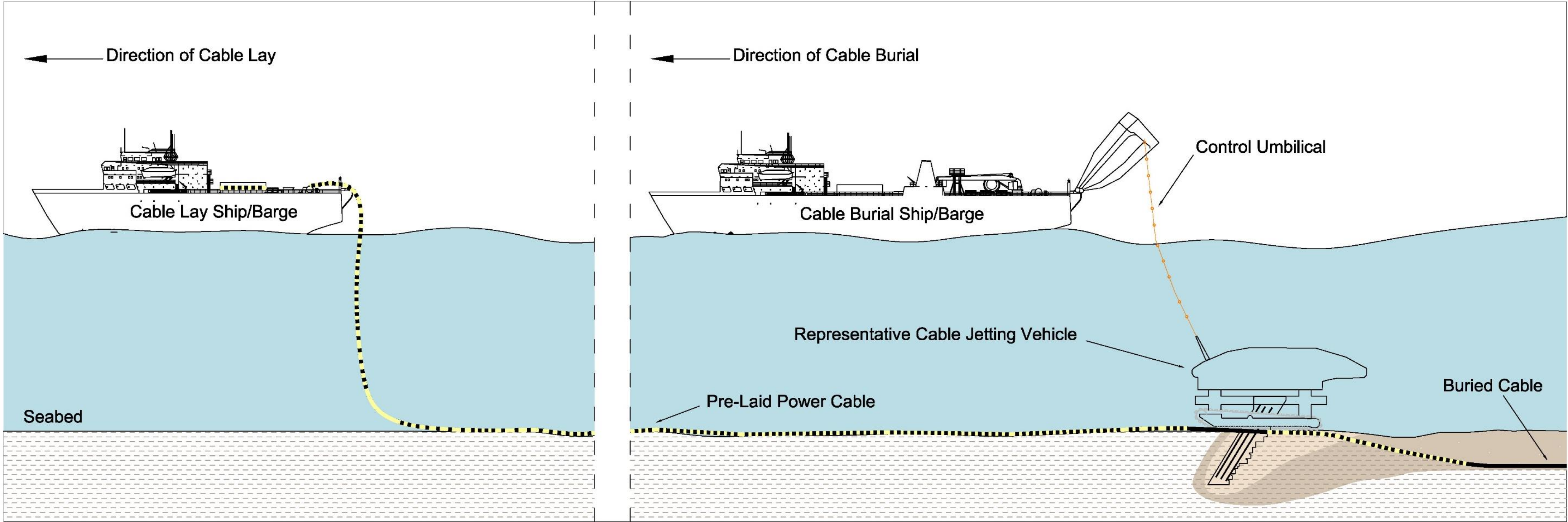
Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
LAY AND POST-LAY BURIAL  
SHEET 1 OF 1

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Figure Number			
6			
Drawing Reference			
S42/ODD/0006			
Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01

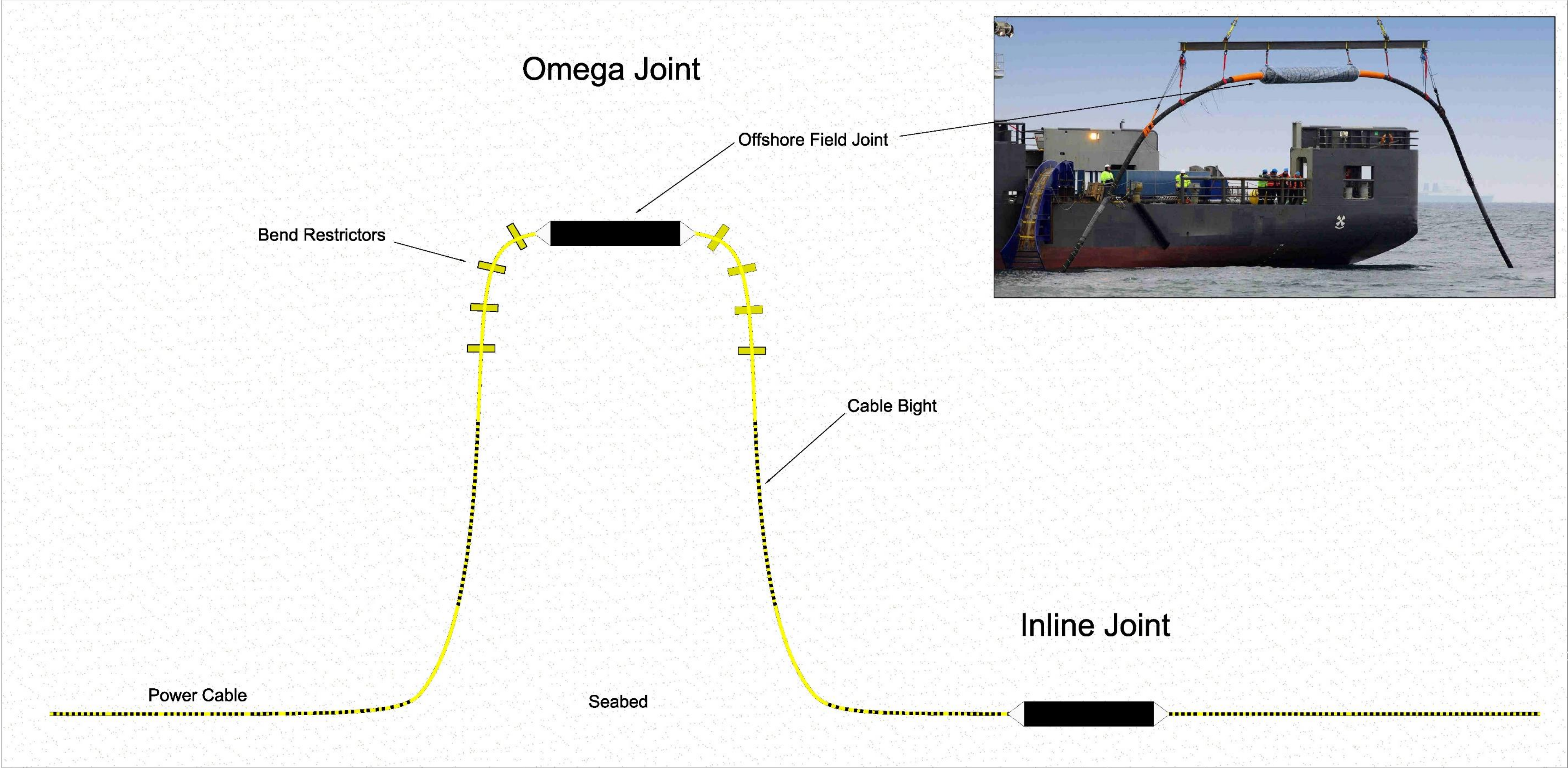




EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
OMEGA AND INLINE JOINT  
SHEET 1 OF 1

Legend

Seabed Sediment

New HVDC Bundle

Notes  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4  
ILLUSTRATION OF  
OMEGA AND INLINE JOINT  
SHEET 1 OF 1

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Figure Number 7			
Drawing Reference S42/ODD/0007			
Scale N/A	Sheet Size A1	Sheet 1 of 1	Issue 01



A green tractor is plowing a field, kicking up dust. In the background, there are trees and a line of hay bales. The sky is clear and blue.

## The Great Grid Upgrade

Eastern Green Link 3 (EGL 3) and  
Eastern Green Link 4 (EGL 4)

# 03. Cable Configuration and Trench Profiles

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# 03. Cable Configuration and Trench Profiles

Drawing Category	Plan Title	Drawing Reference
English Offshore Scheme Construction and Design Drawings		
Cable Configuration and Trench Profiles	Illustration of HVDC Bundled Cable Profile/Configuration	S42/ODD/0008 Rev 01
	Illustration of Typical Marine Trench Profiles	S42/ODD/0009 Rev 01

To assist with understanding these drawings please see the **Guide to Consultation Documents and Drawings**.

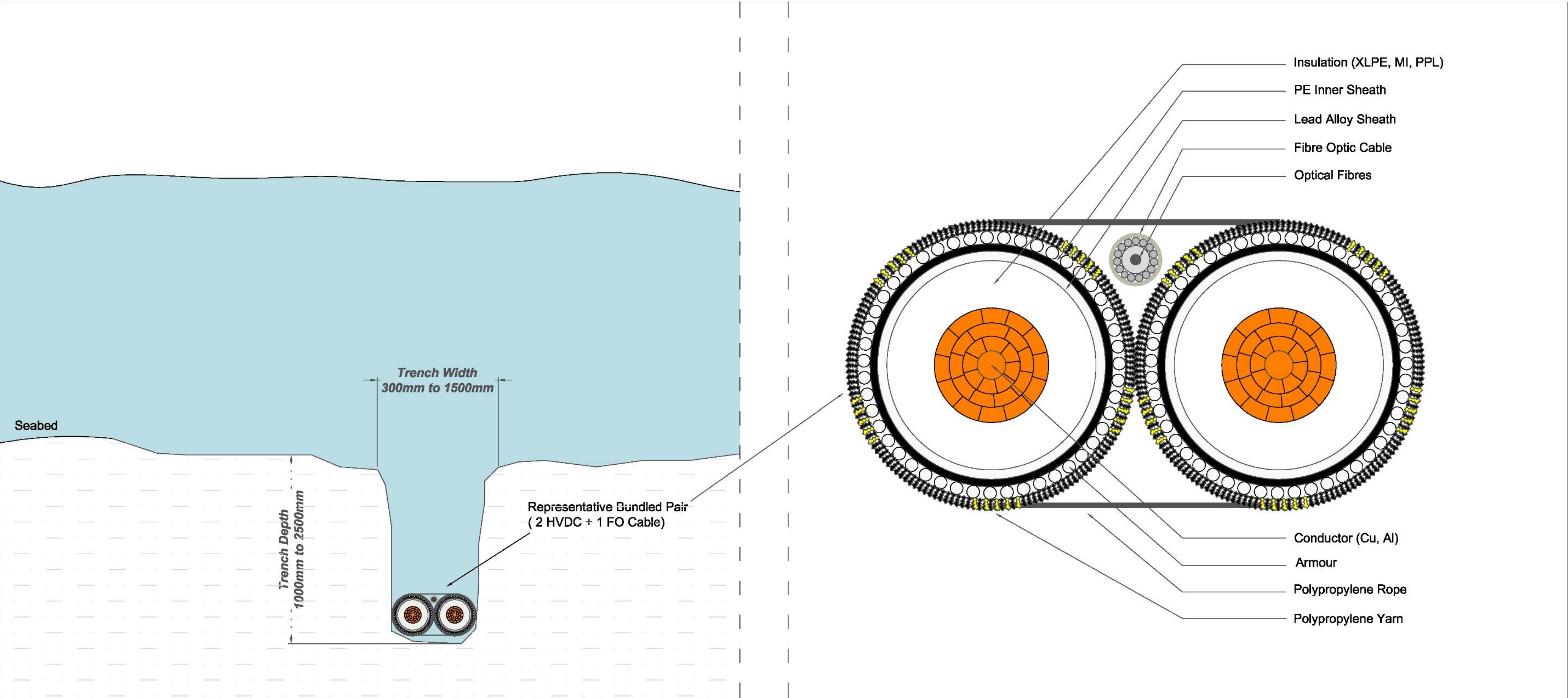


EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
HVDC BUNDLED CABLE PROFILE / CONFIGURATION  
SHEET 1 OF 1

Legend

Water

Sub-seabed Sediment



Notes  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
HVDC BUNDLED CABLE PROFILE /  
CONFIGURATION  
SHEET 1 OF 1

Figure Number  
8

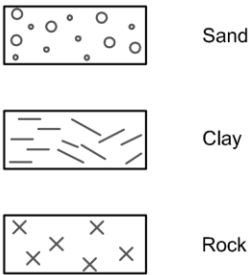
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S42/ODD/0008

Scale N/A	Sheet Size A1	Sheet 1 of 1	Issue 01
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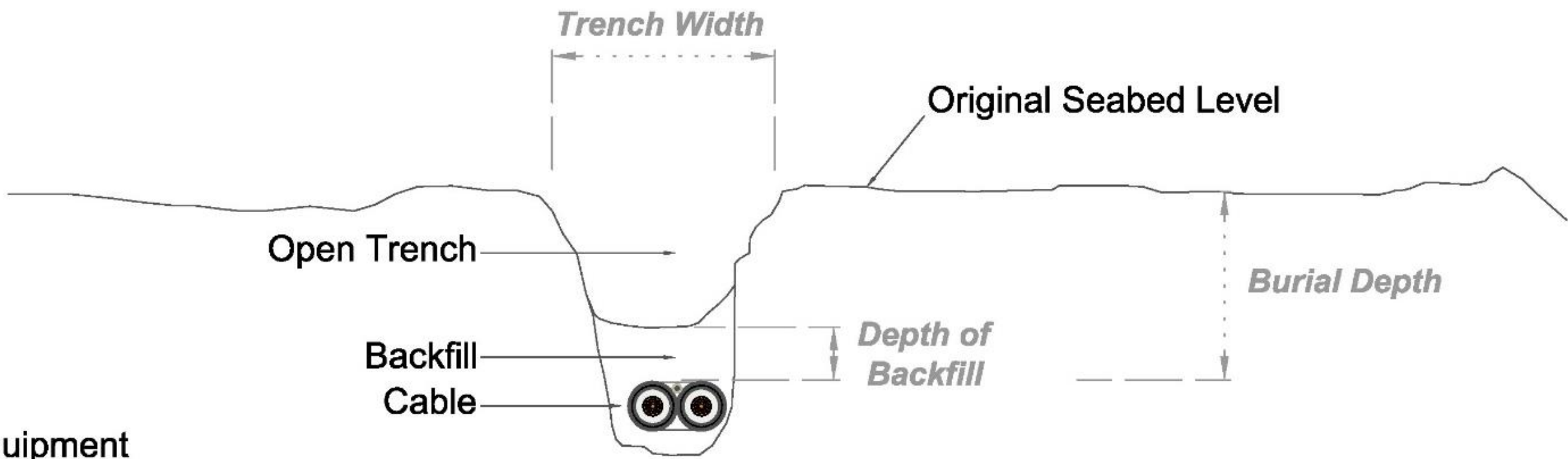


EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
TYPICAL MARINE TRENCH PROFILES  
SHEET 1 OF 1

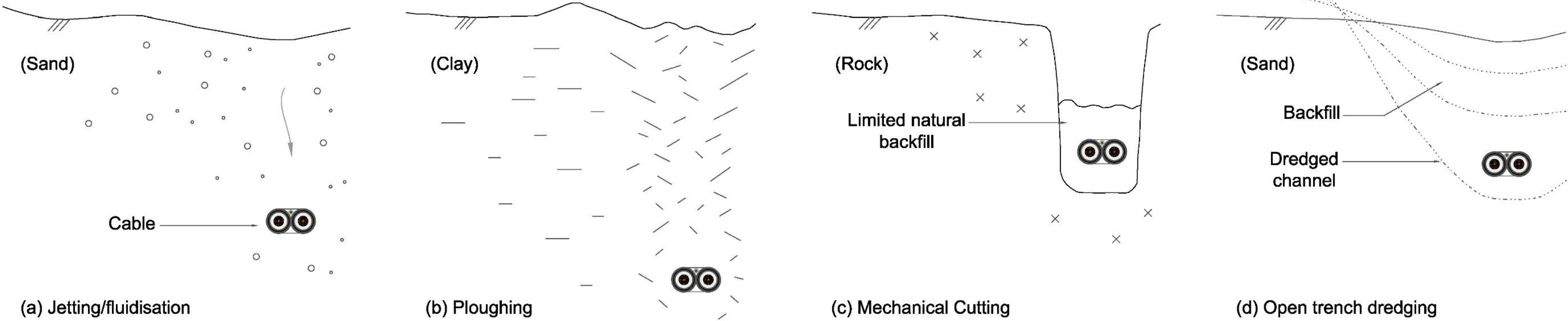
Legend



Typical Trench Profile



Trench profiles from different installation equipment



(after: Subsea power cables in shallow water, DNVGL-RP-0360)

Notes  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
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Issue	Date	Remarks	Drawn	Checked	Approved

Title  
  
EASTERN GREEN LINK (EGL) 3 & 4  
  
ILLUSTRATION OF  
TYPICAL MARINE TRENCH PROFILES  
SHEET 1 OF 1

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Figure Number 9			
Drawing Reference S42/ODD/0009			
Scale N/A	Sheet Size A1	Sheet 1 of 1	Issue 01



## The Great Grid Upgrade

Eastern Green Link 3 (EGL 3) and  
Eastern Green Link 4 (EGL 4)

# 04. Cable Crossings and Protection

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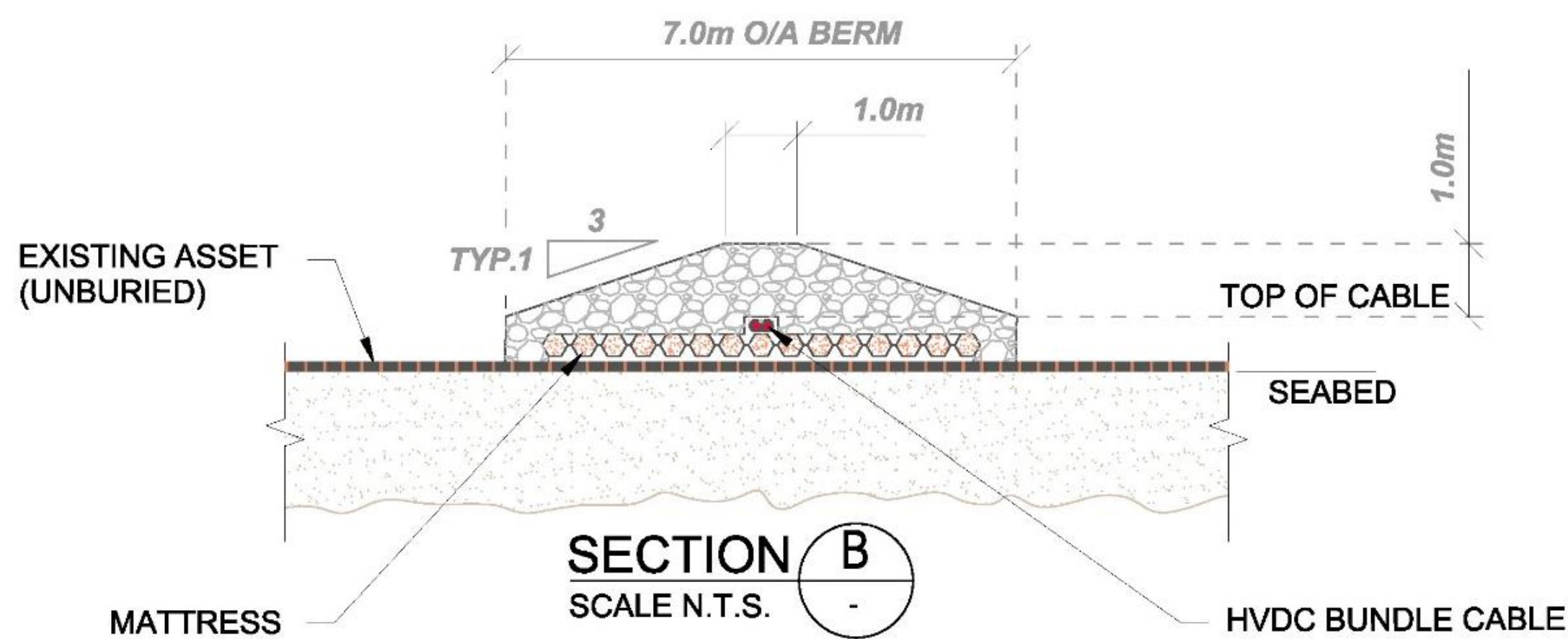
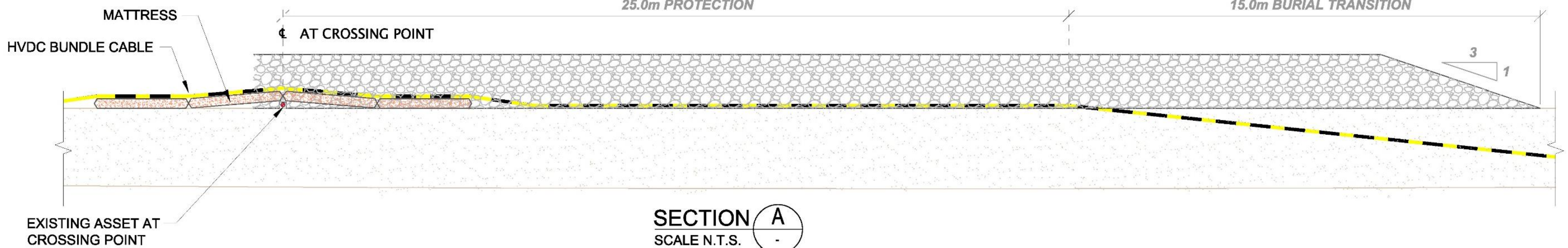
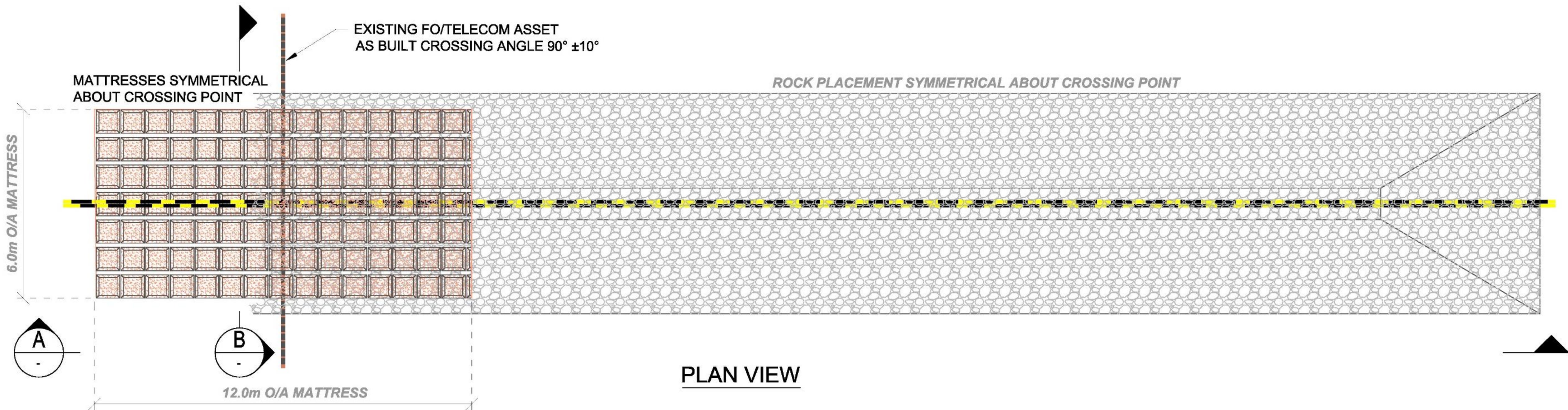
## 04. Cable Crossings and Protection

Drawing Category	Plan Title	Drawing Reference
<b>English Offshore Scheme Construction and Design Drawings</b>		
Cable Crossings and Protection	Indicative HVDC Bundled Cable Crossing Over Unburied FO/Telecomms Asset	S42/ODD/0010 Rev 01
	Indicative HVDC Bundled Cable Crossing Over Buried FO/Telecomms Asset	S42/ODD/0011 Rev 01
	Indicative HVDC Bundled Cable Crossing Over Buried Power Cable Asset	S42/ODD/0012 Rev 01
	Indicative HVDC Bundled Cable Crossing Over Pre Lay Berm	S42/ODD/0013 Rev 01
	Indicative Rock Berm Schematics Pre Lay and Post Lay	S42/ODD/0014 Rev 01
	Illustration of Cable Protection Systems	S42/ODD/0015 Rev 01
	Illustration of Rock Placement Sections	S42/ODD/0016 Rev 01

To assist with understanding these drawings please see the **Guide to Consultation Documents and Drawings**.



EASTERN GREEN LINK (EGL) 3 & EGL 4  
INDICATIVE HVDC BUNDLED CABLE CROSSING  
OVER UNBURIED FO/TELECOMMS ASSET  
SHEET 1 OF 1



Legend

- Post Lay Rock Berm
- Mattress (Plan View)
- Mattress (Section A)
- Mattress (Section B)
- Existing Asset
- New HVDC Bundle

Notes

This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

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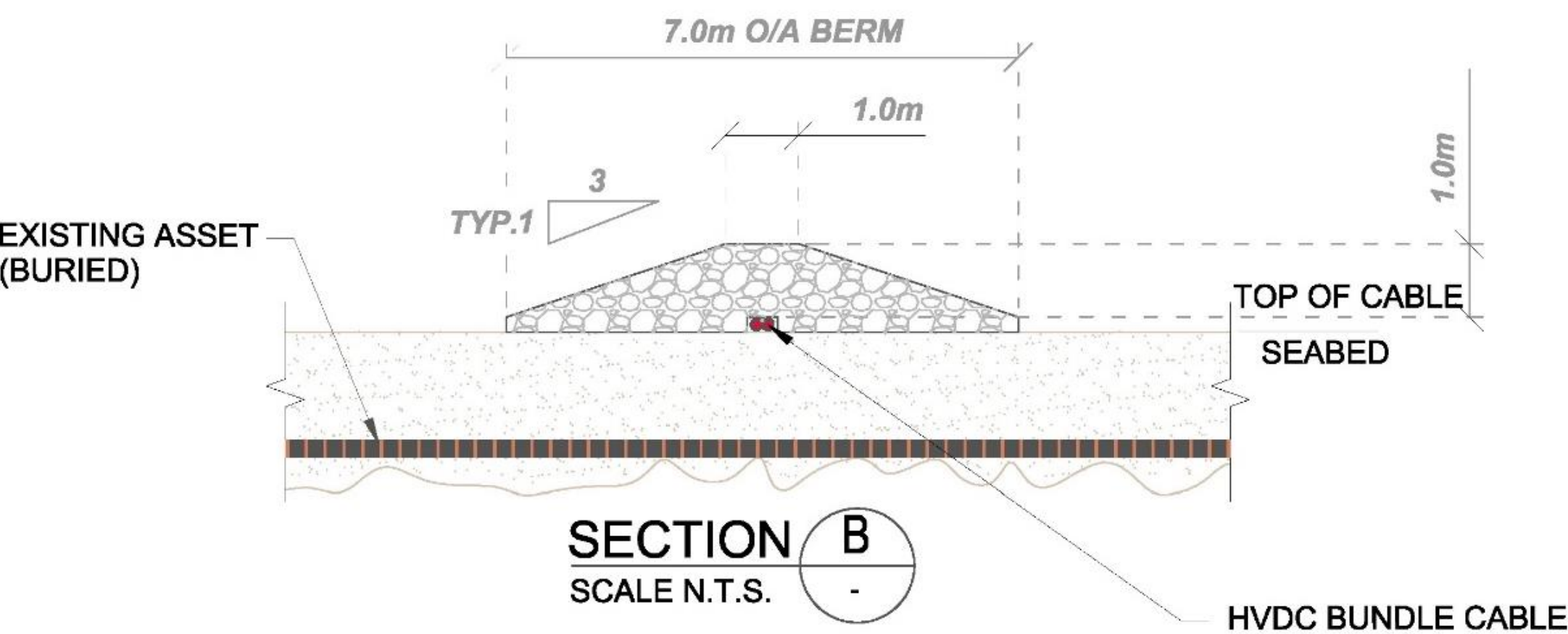
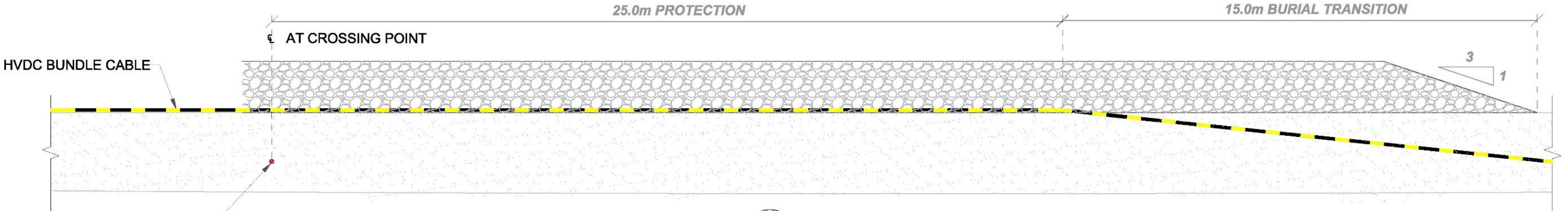
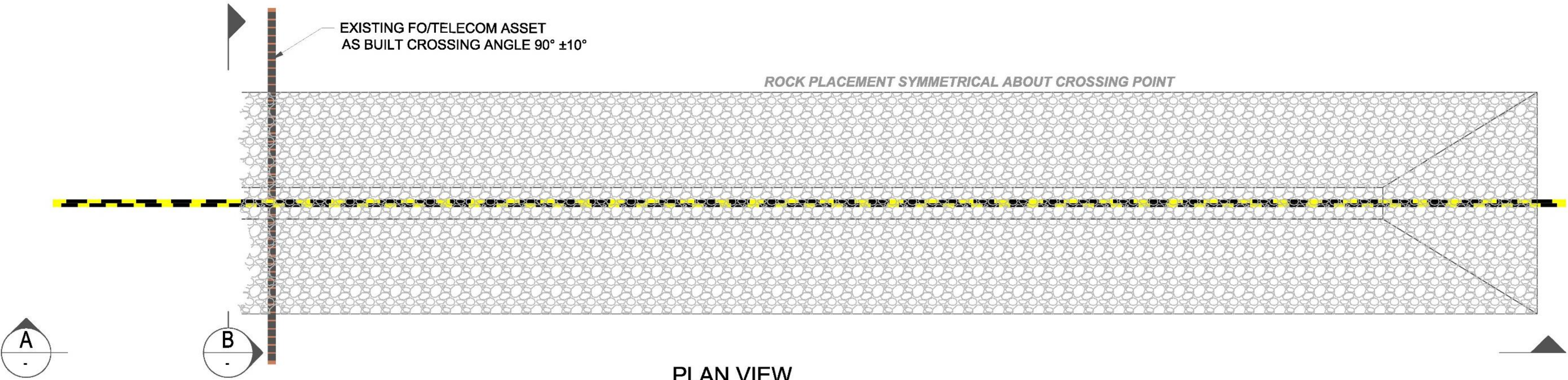
EASTERN GREEN LINK (EGL) 3 & 4  
INDICATIVE HVDC BUNDLED CABLE  
CROSSING OVER UNBURIED  
FO/TELECOMMS ASSET  
SHEET 1 OF 1

Figure Number	10
Drawing Reference	S42/ODD/0010
Scale	N/A
Sheet Size	A1
Sheet	1 of 1
Issue	01



EASTERN GREEN LINK (EGL) 3 & EGL 4  
INDICATIVE HVDC BUNDLED CABLE CROSSING  
OVER BURIED FO/TELECOMMS ASSET  
SHEET 1 OF 1

- Legend**
- Post Lay Rock Berm
  - Existing Asset
  - New HVDC Bundle



**Notes**  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

**Title**

EASTERN GREEN LINK (EGL) 3 & 4  
INDICATIVE HVDC BUNDLED CABLE  
CROSSING OVER BURIED  
FO/TELECOMMS ASSET  
SHEET 1 OF 1

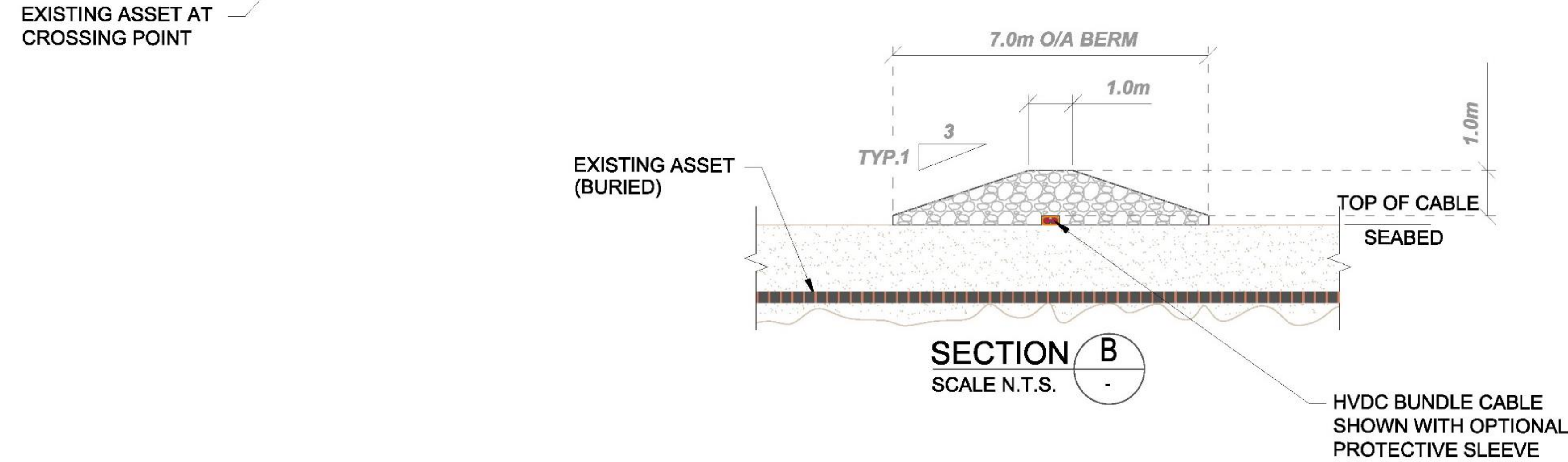
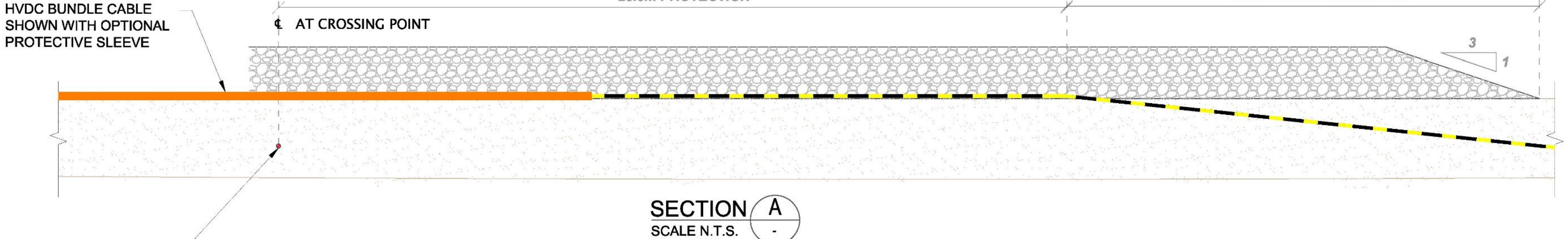
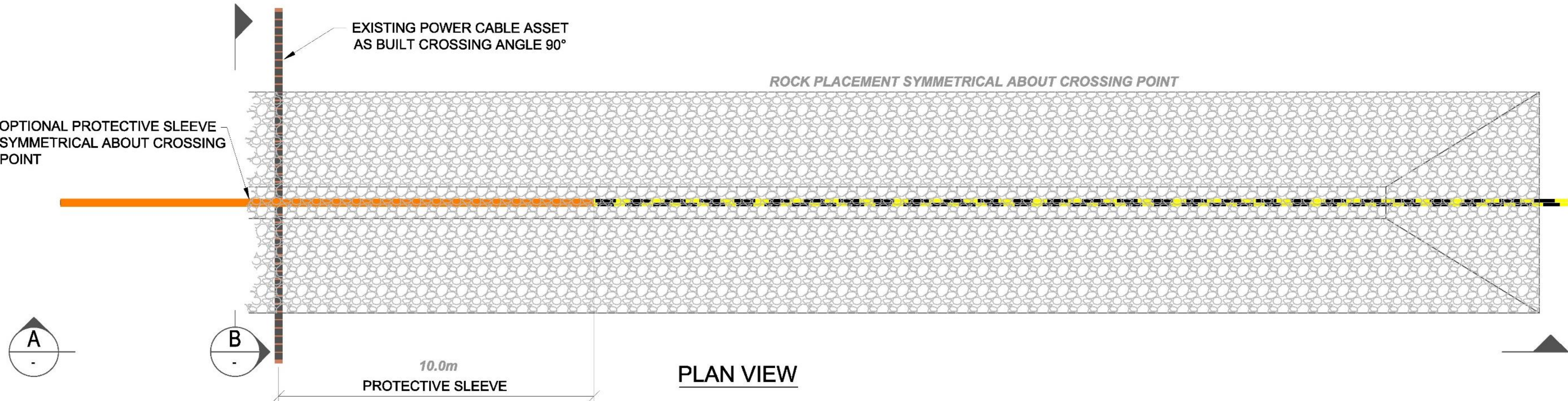
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<b>Figure Number</b> 11			
<b>Drawing Reference</b> S42/ODD/0011			
<b>Scale</b> N/A	<b>Sheet Size</b> A1	<b>Sheet</b> 1 of 1	<b>Issue</b> 01



EASTERN GREEN LINK (EGL) 3 & EGL 4  
INDICATIVE HVDC BUNDLED CABLE CROSSING  
OVER BURIED POWER CABLE ASSET  
SHEET 1 OF 1

- Legend**
- Post Lay Rock Berm
  - Existing Asset
  - New HVDC Bundle
  - Protective Sleeve



**Notes**  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

**Title**

EASTERN GREEN LINK (EGL) 3 & 4  
INDICATIVE HVDC BUNDLED CABLE  
CROSSING OVER BURIED  
POWER CABLE ASSET  
SHEET 1 OF 1

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Figure Number 12			
Drawing Reference S42/ODD/0012			
Scale N/A	Sheet Size A1	Sheet 1 of 1	Issue 01



EASTERN GREEN LINK (EGL) 3 & EGL 4  
INDICATIVE HVDC BUNDLED CABLE CROSSING  
OVER PRE LAY BERM  
SHEET 1 OF 1

Legend

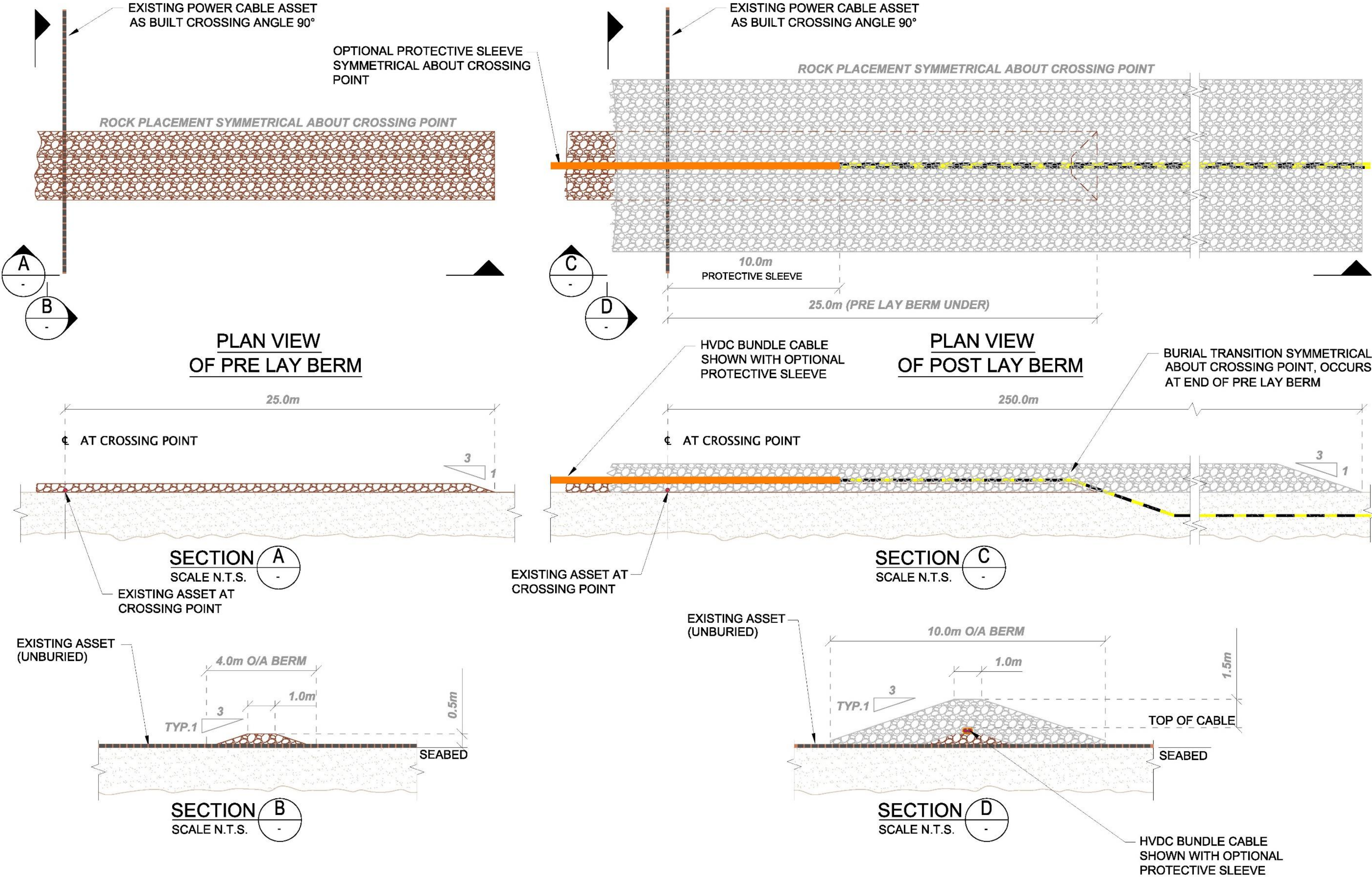
Post Lay Rock Berm

Pre Lay Rock Berm

Existing Asset

New HVDC Bundle

Protective Sleeve



Notes  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4  
INDICATIVE HVDC BUNDLED CABLE  
CROSSING OVER PRE LAY BERM  
SHEET 1 OF 1

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Figure Number 13			
Drawing Reference S42/ODD/0013			
Scale N/A	Sheet Size A1	Sheet 1 of 1	Issue 01



EASTERN GREEN LINK (EGL) 3 & EGL 4  
INDICATIVE ROCK BERM SCHEMATICS  
PRE LAY AND POST LAY  
SHEET 1 OF 1

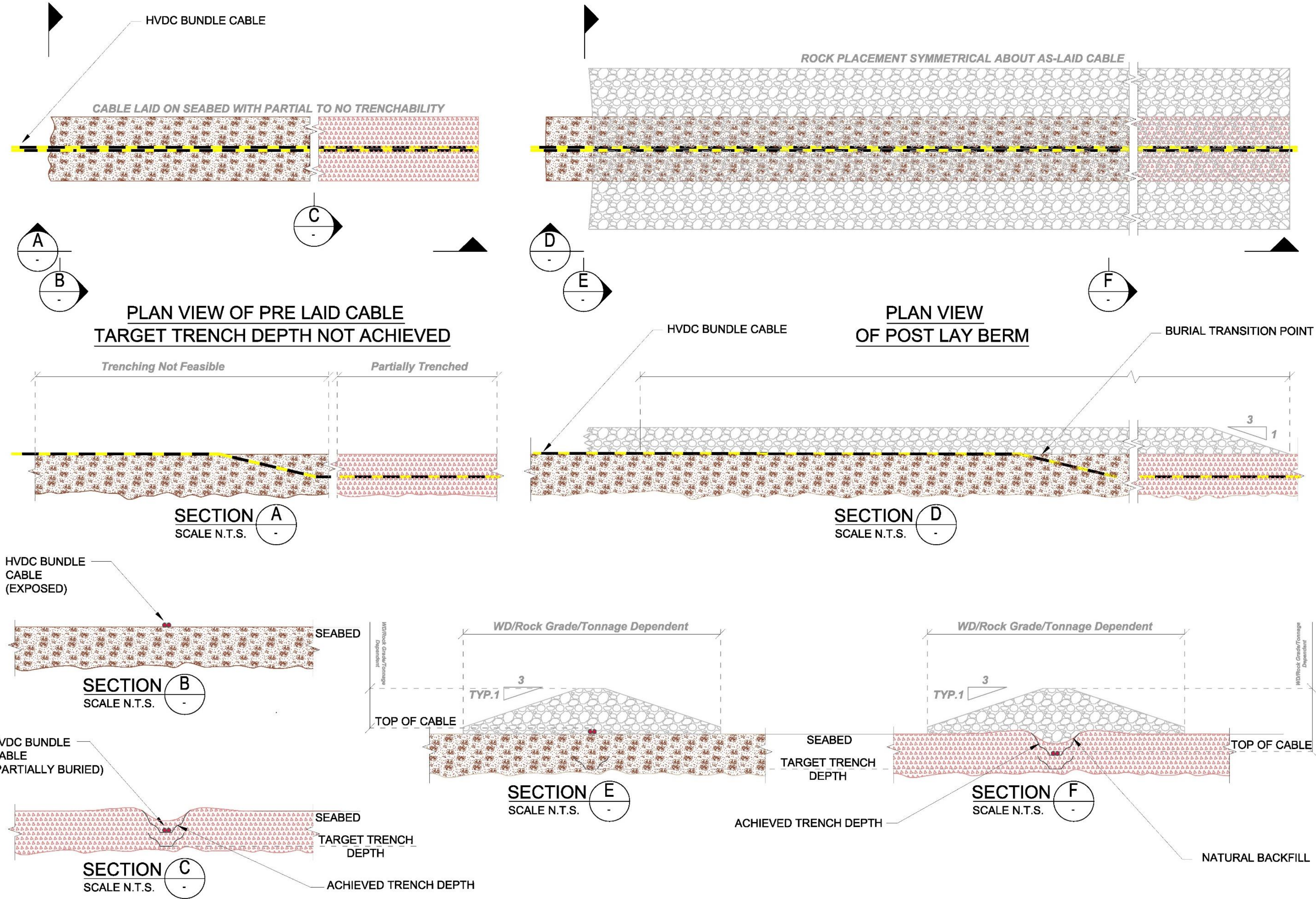
Legend

Post Lay Rock Berm

Non-Trenchable Soil

Semi-Trenchable Soil

New HVDC Bundle



Notes  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A      Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4  
INDICATIVE ROCK BERM SCHEMATICS  
PRE LAY AND POST LAY  
SHEET 1 OF 1

<u>Figure Number</u>			
14			
<u>Drawing Reference</u>			
S42/ODD/0014			
<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
N/A	A1	1 of 1	01



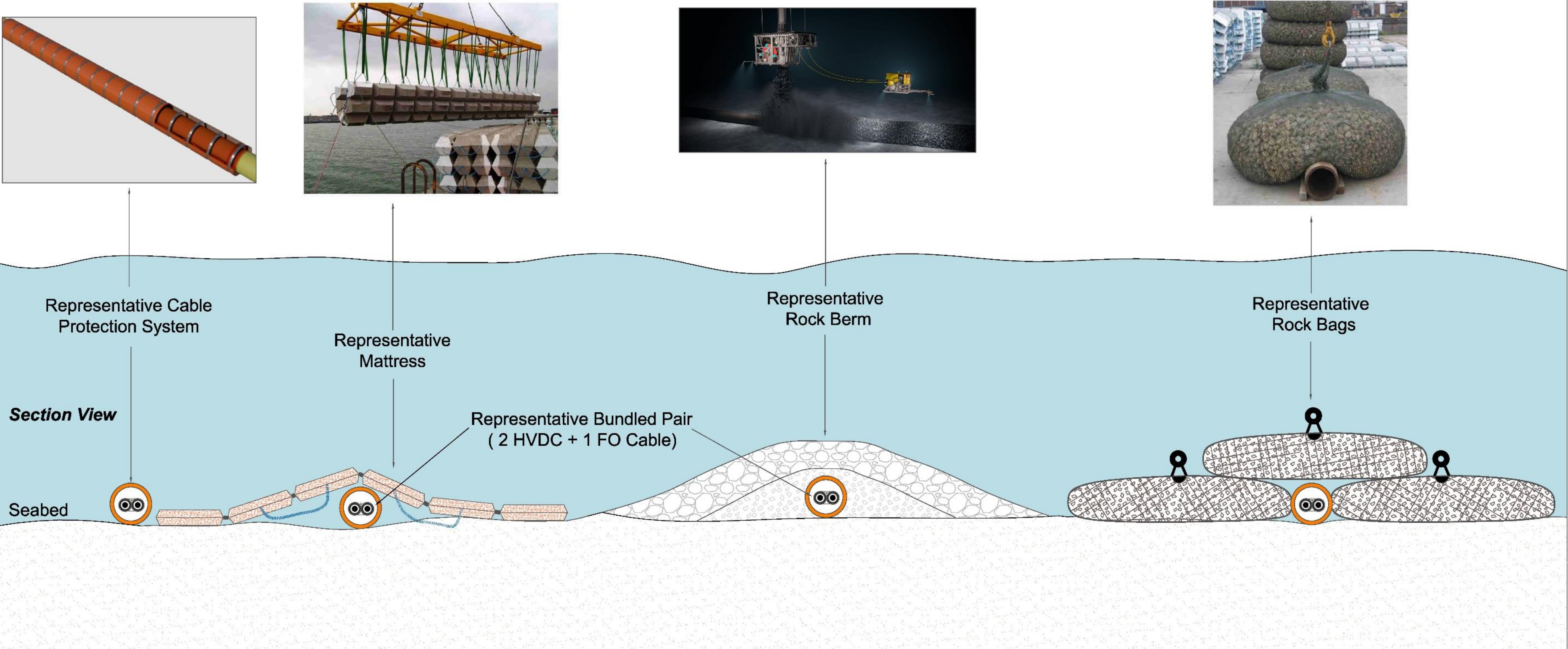
EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
CABLE PROTECTION SYSTEMS  
SHEET 1 OF 1

Legend

Water

Seabed Sediment

Representative images of various Cable Protection Methodologies



Notes  
This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A      Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
CABLE PROTECTION SYSTEMS  
SHEET 1 OF 1

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Figure Number 15			
Drawing Reference S42/ODD/0015			
Scale N/A	Sheet Size A1	Sheet 1 of 1	Issue 01



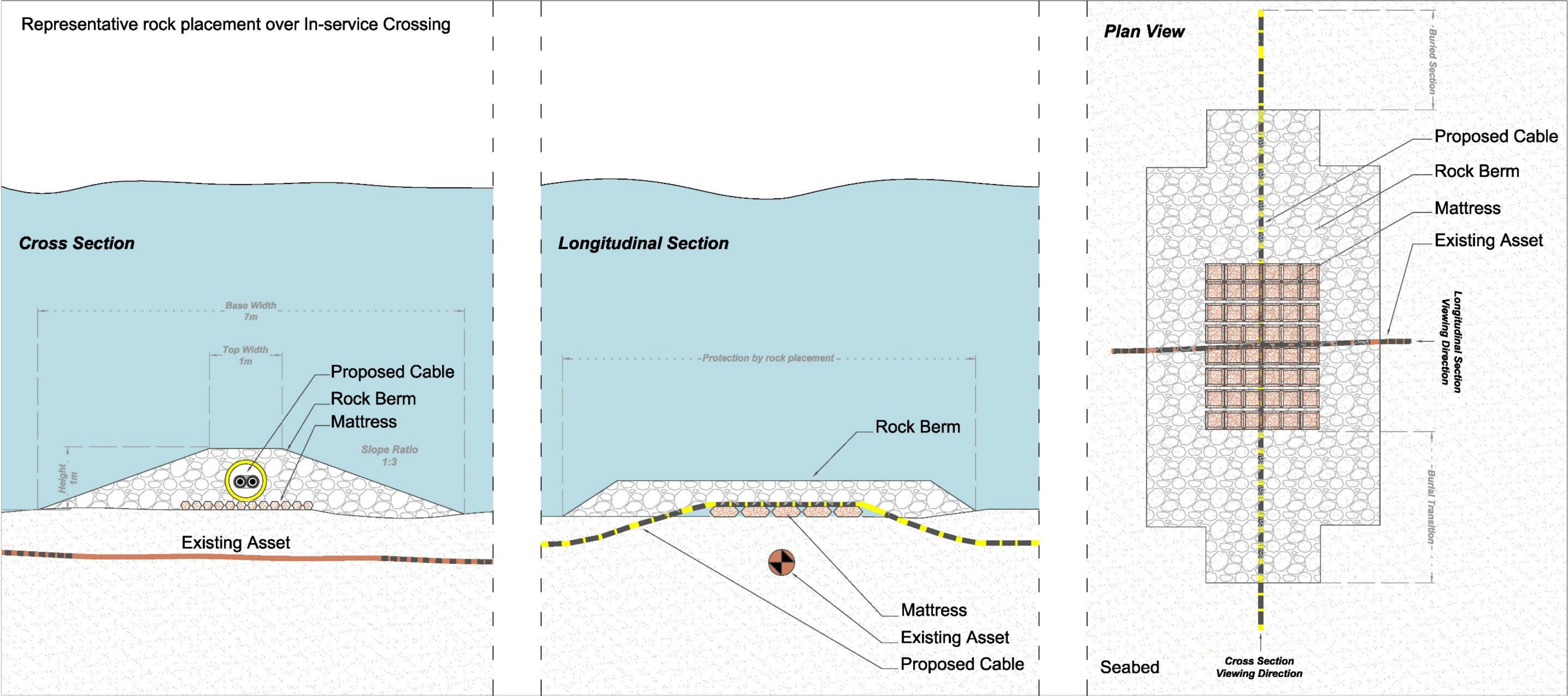
EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
ROCK PLACEMENT SECTIONS  
SHEET 1 OF 1

Legend

Water

Seabed Sediment

Representative rock placement over In-service Crossing



Notes

This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A  
Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
ROCK PLACEMENT SECTIONS  
SHEET 1 OF 1

**nationalgrid**

Figure Number			
16			
Drawing Reference			
S42/ODD/0016			
Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01



## The Great Grid Upgrade

Eastern Green Link 3 (EGL 3) and  
Eastern Green Link 4 (EGL 4)

# 05. Landfall Trenchless Installation Technique

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# 05. Landfall Trenchless Installation Technique

Drawing Category	Plan Title	Drawing Reference
English Offshore Scheme Construction and Design Drawings		
Landfall Trenchless Installation Technique	Illustration of Typical HDD Landfall	S42/ODD/0017 Rev 01

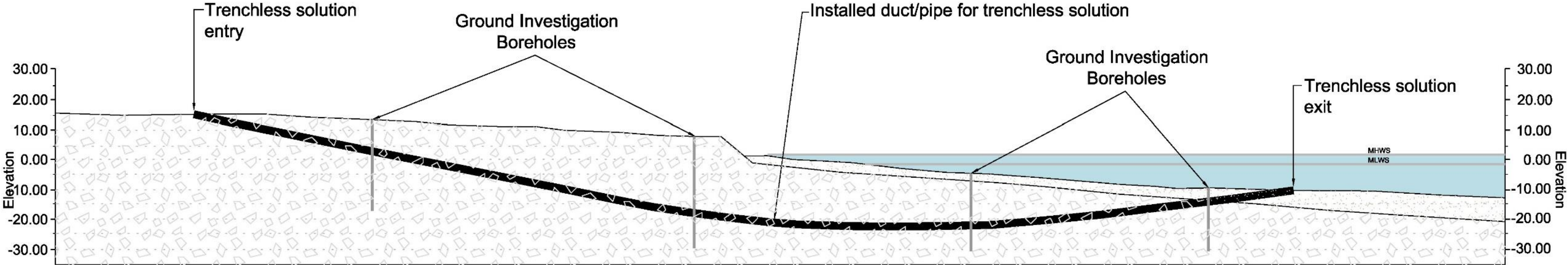
To assist with understanding these drawings please see the **Guide to Consultation Documents and Drawings**.



EASTERN GREEN LINK (EGL) 3 & EGL 4  
ILLUSTRATION OF  
TYPICAL HDD LANDFALL  
SHEET 1 OF 1

Legend

Water

Seabed Sediment

Notes

This drawing 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.

Coordinate System: N/A  
Sheet X Centroid Coordinate: N/A      Sheet Y Centroid Coordinate: N/A

Issue	Date	Remarks	Drawn	Checked	Approved

Title

EASTERN GREEN LINK (EGL) 3 & 4

ILLUSTRATION OF  
TYPICAL HDD LANDFALL  
SHEET 1 OF 1

**nationalgrid**

Figure Number			
17			
Drawing Reference			
S42/ODD/0017			
Scale	Sheet Size	Sheet	Issue
N/A	A1	1 of 1	01