The Great Grid Upgrade

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

# English Onshore Scheme Construction and Design Drawings

**May 2025**

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

nationalgrid

# Contents

The Great Grid Upgrade

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

# 01. Typical HVAC Construction and Design Drawings

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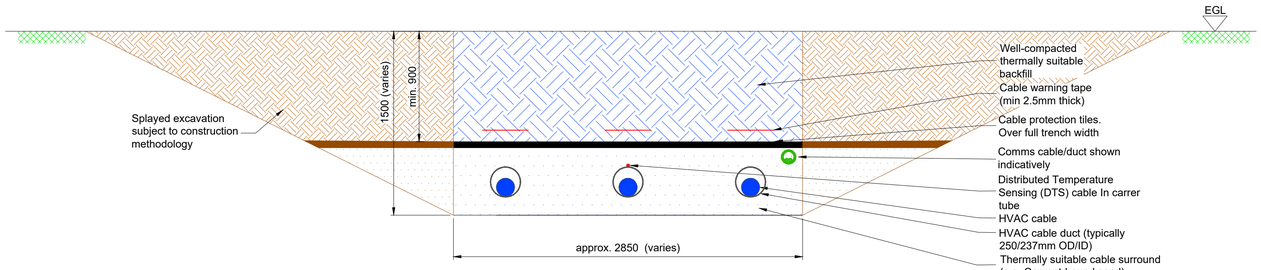
# 01. Typical HVAC Construction and Design Drawings

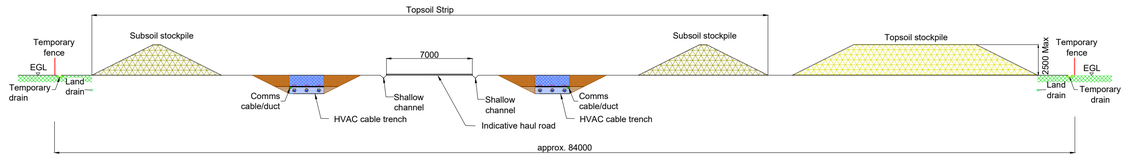
| Drawing Category | Plan Title | Drawing Reference |
|---|---|---|
| **English Onshore Scheme Construction and Design Drawings** | | |
| Typical HVAC Construction and Design Drawings | Typical HVAC Construction Swathes | S42/TDD/SS/0002 Rev 01 |
| | Typical HVAC Joint Bay | S42/TDD/SS/0005 Rev 01 |
| | Typical HVAC Road Ducted Crossing | S42/TDD/SS/0008 Rev 01 |
| | Typical HVAC Watercourse Ducted Crossing | S42/TDD/SS/0009 Rev 01 |
| | Typical HVAC Trenchless Crossing Compound | S42/TDD/SS/0017 Rev 01 |

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

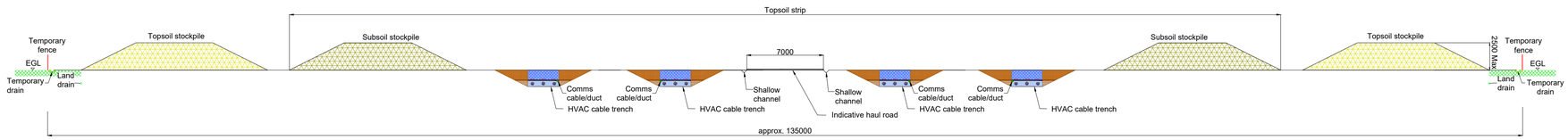
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL HVAC CONSTRUCTION SWATHES
# SHEET 1 OF 1



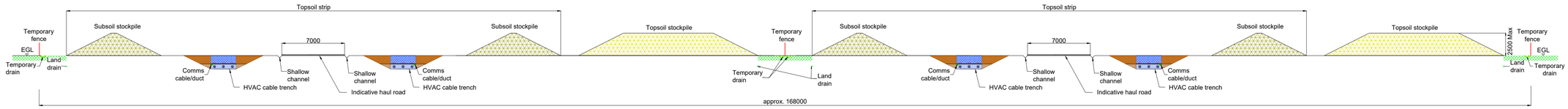

## Ducted Cable Cross Section
Scale 1:25




## Typical Construction Swathe - Two Trenches
Scale 1:250




## Typical Construction Swathe - Four Trenches (Combined Corridor)
Scale 1:250




## Typical Construction Swathe - Four Trenches (Separate Corridors)
Scale 1:250

SCALE BAR (METRES)

1:25 — 0 — 1.25m — 2.5m

1:250 — 0 — 12.5m — 25m

Notes

For statutory consultation purposes only.

Legend

- Well-compacted thermally suitable backfill
- Well-compacted thermally suitable backfill (Splayed Excavation)
- Thermally suitable cable surround (e.g. Cement-bound sand)
- Thermally suitable cable surround (e.g. Cement-bound sand, Splayed Excavation)
- Cable protection tiles
- Cable warning tape
- Topsoil stockpile
- Subsoil stockpile
- Existing Ground
- Haul Road/ Temporary Footway

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL HVAC CONSTRUCTION SWATHES
SHEET 1 OF 1

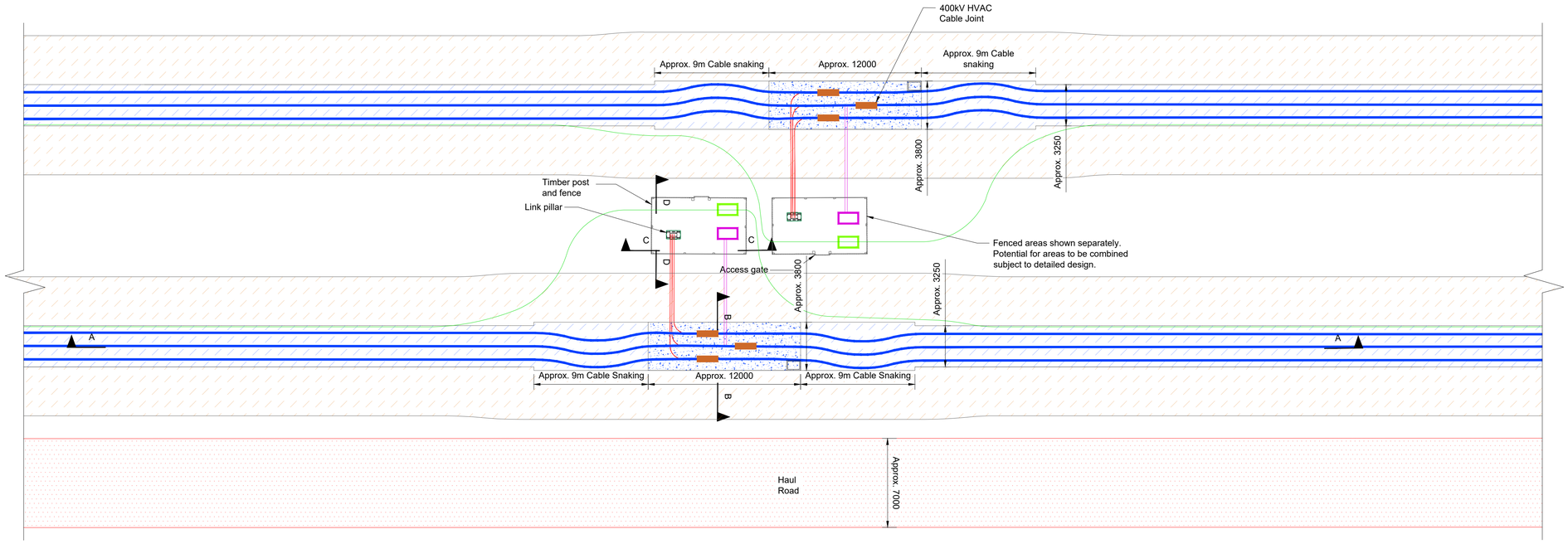
nationalgrid

Application Number: EN0210003

National Grid Drawing Reference: S42/TDD/SS/0002

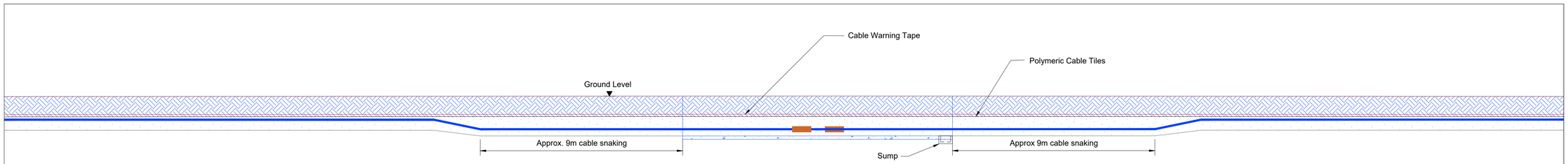
| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL HVAC JOINT BAY
SHEET 1 OF 1

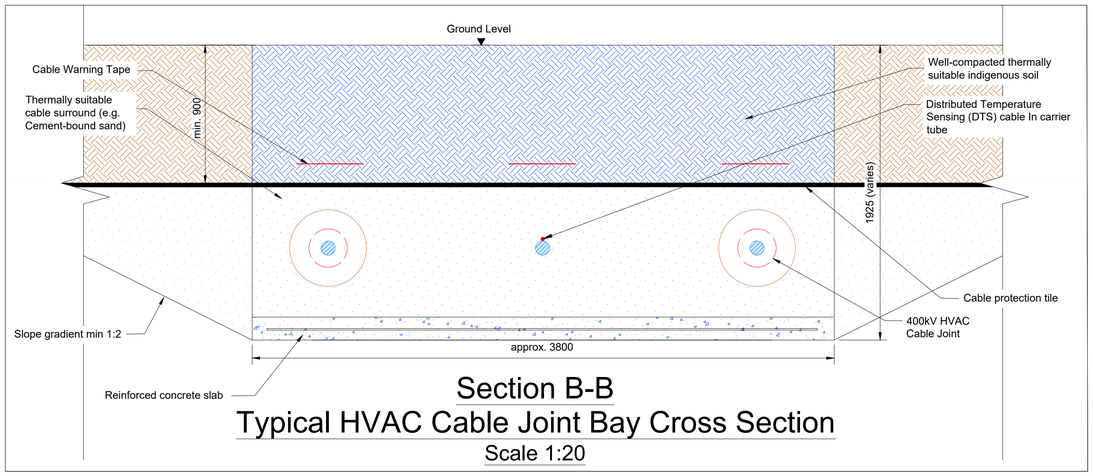



Additional joint bays will be required on this side of the haul road, likely at separate intervals. Locations will be defined at detailed design.

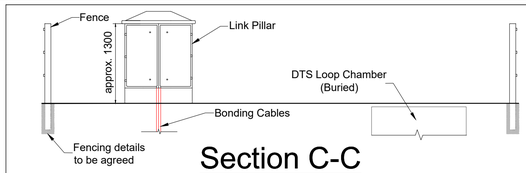
## Typical HVAC Cable Joint Bay Layout
Scale 1:200



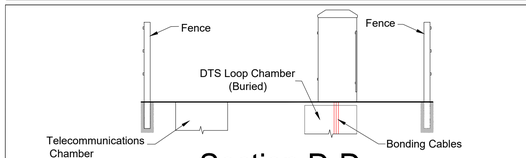

## Section A-A
## Typical HVAC Cable Joint Bay Long Section
Scale 1:100




## Section B-B
## Typical HVAC Cable Joint Bay Cross Section
Scale 1:20




## Section C-C
## Typical Link Pillar Cross Section
Scale 1:50




## Section D-D
## Typical Link Pillar Cross Section
Scale 1:50

SCALE BAR (METRES)

| | | | |
|---|---|---|---|
| 1:20 | 0 | 1m | 2m |
| 1:50 | 0 | 2.5m | 5m |
| 1:100 | 0 | 5m | 10m |
| 1:200 | 0 | 10m | 20m |

Notes

For statutory consultation purposes only.

Legend

- Trench
- Splayed excavation
- Concrete
- Temporary Haul Road
- Well-compacted thermally suitable backfill (Trench)
- Thermally suitable cable surround (Trench)
- Well-compacted thermally suitable backfill (Splayed excavation)
- Thermally suitable cable surround (Splayed excavation)
- HVDC Cable
- Cable protection tiles
- Cable Warning Tape
- Bonding Cable
- Telecommunication Chamber
- DTS Loop
- DTS Cables
- Communication Cable Duct

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
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Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL HVAC JOINT BAY
SHEET 1 OF 1

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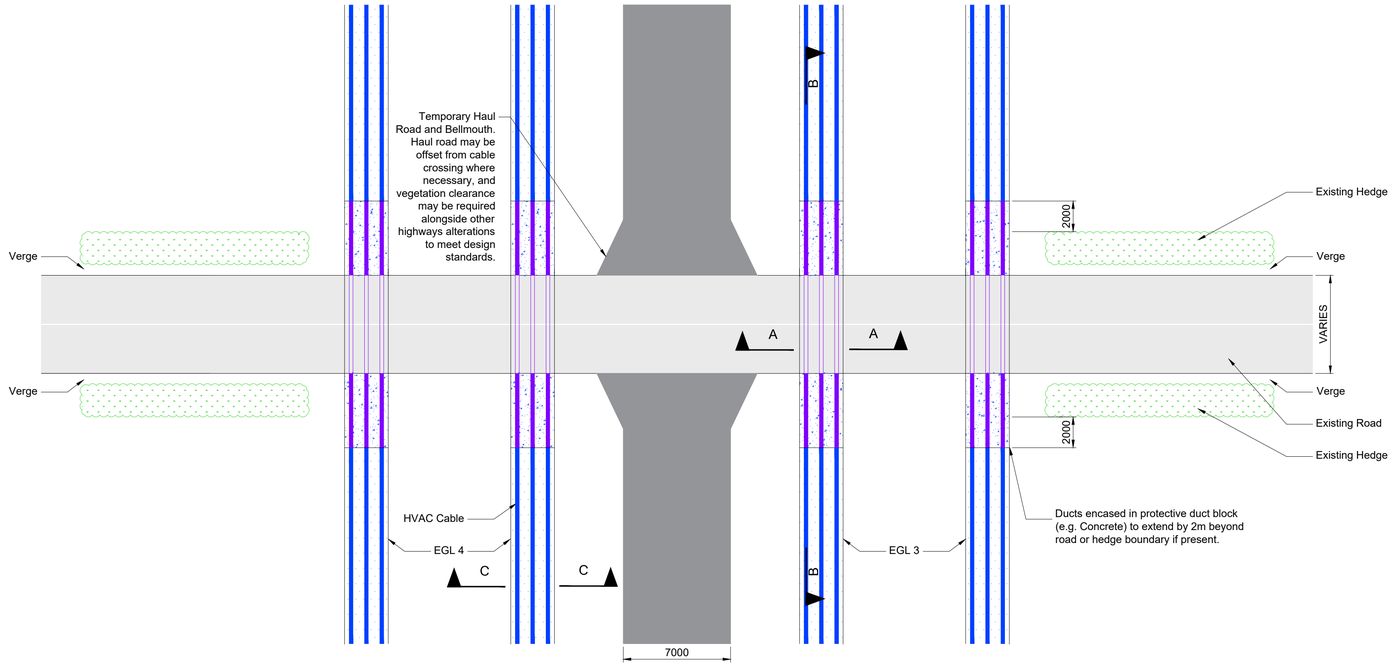
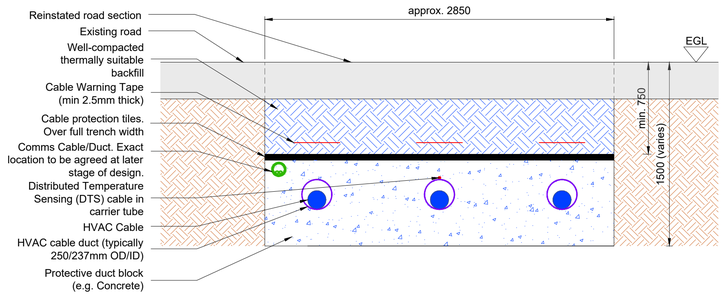
| Application Number | |
|---|---|
| | EN0210003 |
| National Grid Drawing Reference | |
| | S42/TDD/SS/0005 |

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

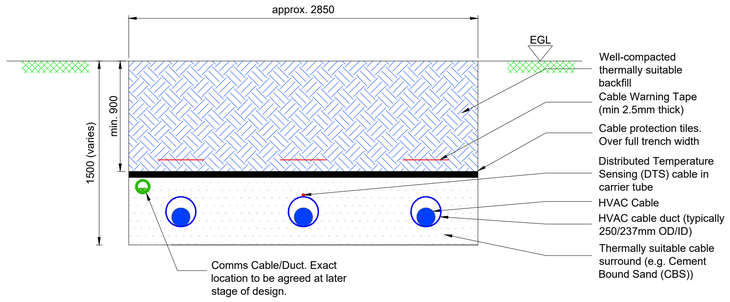
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL DUCTED ROAD CROSSING - HVAC
# SHEET 1 OF 1



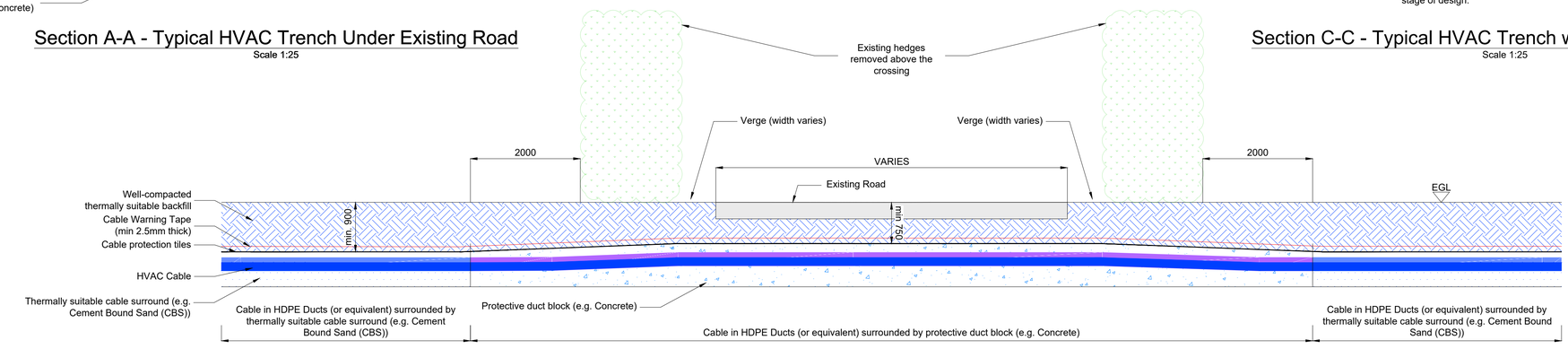

## Typical Open Cut Road Crossing Plan View
Scale 1:200




## Section A-A - Typical HVAC Trench Under Existing Road
Scale 1:25

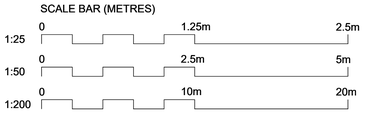



## Section C-C - Typical HVAC Trench within Agricultural Field
Scale 1:25




## Section B-B - Typical Ducted Road Crossing
Scale 1:50

SCALE BAR (METRES)




Notes

For statutory consultation purposes only.

Legend

- Well-compacted thermally suitable backfill
- Thermally suitable cable surround (e.g. Cement Bound Sand (CBS))
- Protective duct block (e.g. Concrete)
- Haul Road
- Existing Road
- High Voltage Alternating Current (HVAC) Cable
- HVAC Cable Duct
- HVAC Cable Crossing Duct surrounded by protective duct block
- Cable warning tape
- Existing Hedge
- Existing Ground
- Existing Carriageway Build-up

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL DUCTED ROAD CROSSING - HVAC
SHEET 1 OF 1

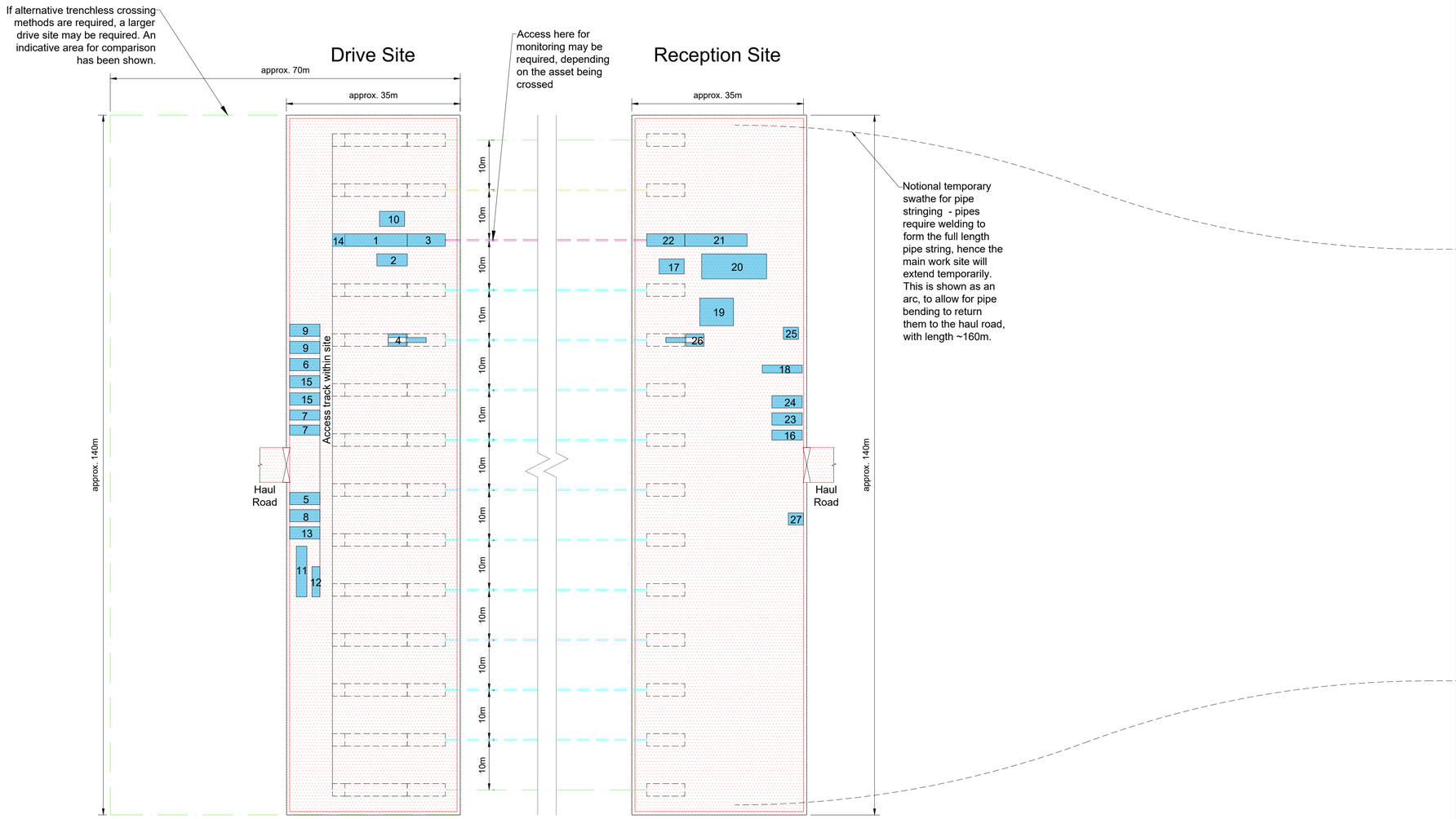
nationalgrid

Application Number
EN0210003

National Grid Drawing Reference
S42/TDD/SS/0008

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

EASTERN GREEN LINK (EGL) 3 & EGL 4 ORDER
TYPICAL TRENCHLESS CROSSING COMPOUND - HVAC
SHEET 1 OF 1




## Drive Site

1. Drilling Rig
2. Control Cabin
3. Launch Pit
4. Excavator
5. High Pressure Mud Pump
6. Slurry Separation Plant
7. Cuttings
8. Generator
9. Slurry Storage
10. Pipe Storage
11. Store
12. Skips
13. Office & Welfare
14. Working space
15. Slurry Mixing Tank

## Reception Site

16. Cuttings
17. Drill Pipes
18. Spares Storage
19. Construction Equipment
20. Product Pipelines
21. Pipeline Rollers
22. Reception Pit
23. Slurry Treatment Plant
24. Slurry Tank
25. Generator
26. Excavator
27. Pump

## Typical Trenchless Crossing Compound

Scale 1:500

SCALE BAR (METRES)

1:500 0 25m 50m

Notes

For statutory consultation purposes only.

Legend

- Hard Standing/ Gravel Surface
- Construction Equipment/ Area
- Cement-bound sand cable surround
- Fence
- Cable Duct (Being Installed)
- Cable Duct (Installed)
- Cable Duct (To Be Installed)
- Gate
- Comms Cable/Duct
- Alternative Trenchless Crossing Drive Site

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL TRENCHLESS CROSSING
COMPOUND - HVAC
SHEET 1 OF 1

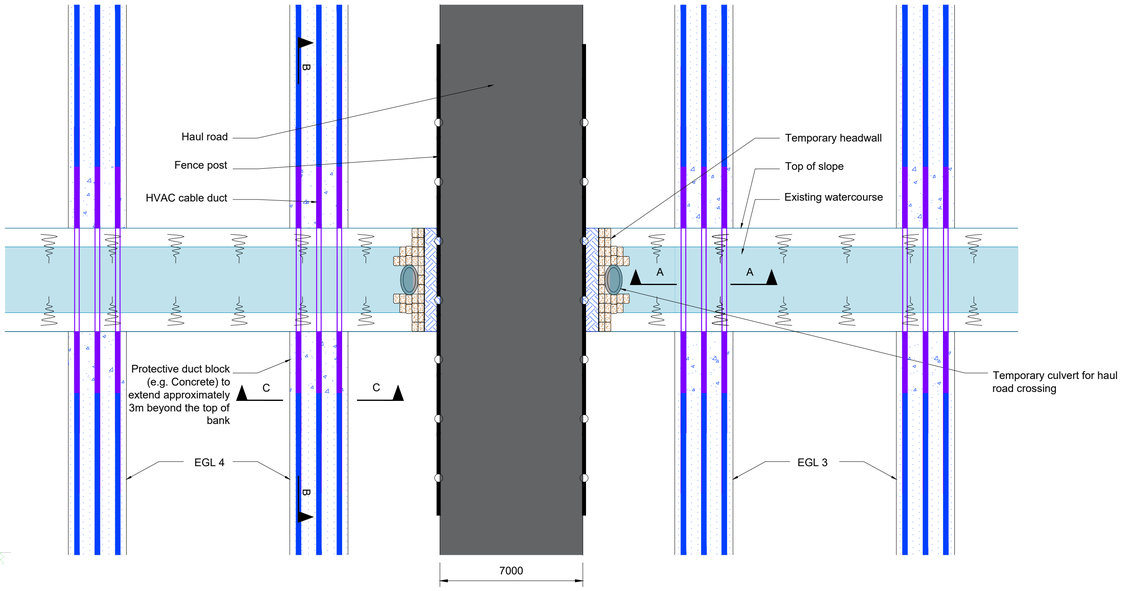
nationalgrid

Application Number: EN0210003

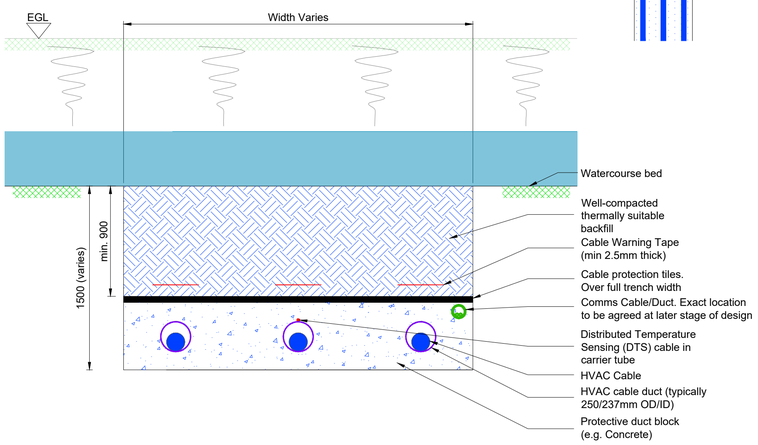
National Grid Drawing Reference: S42/TDD/SS/0017

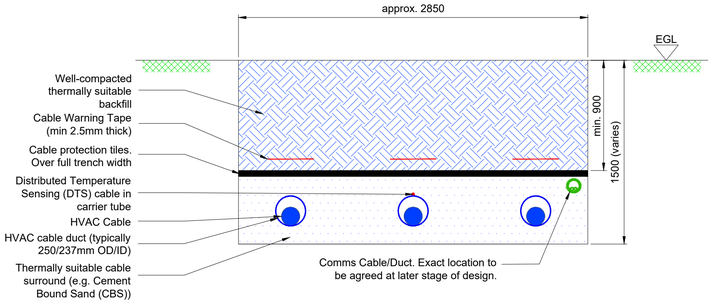
| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| 1:500 | A1 | SHEET 1 OF 1 | 1ST |

# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL DUCTED WATERCOURSE CROSSING - HVAC
# SHEET 1 OF 1



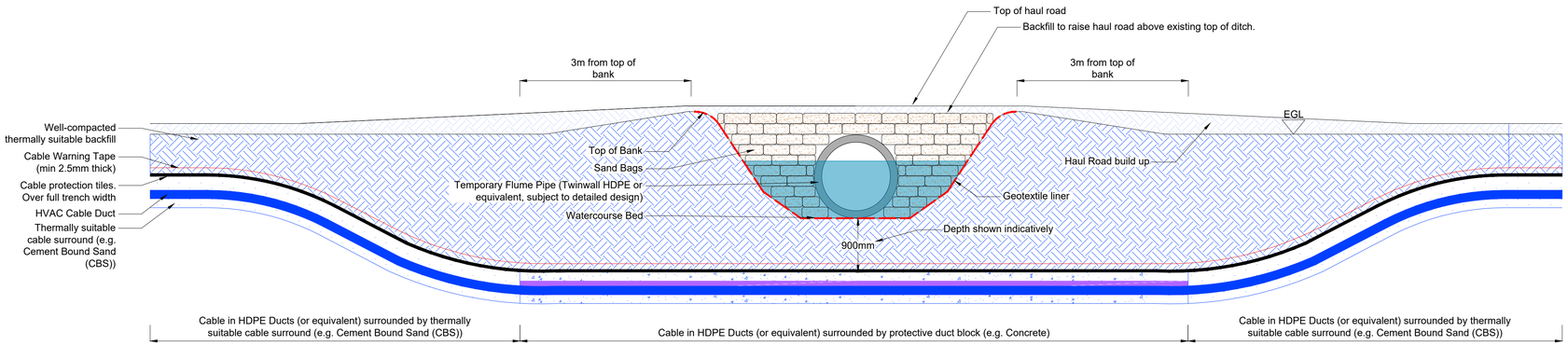

## Typical Open Cut Watercourse Crossing Plan View
Scale 1:150




## Section A-A - Typical HVAC Trench Under Watercourse
Scale 1:25

## Section C-C - Typical HVAC Trench Within Agricultural Field
Scale 1:25




## Section B-B - Typical Ducted Watercourse Crossing
Scale 1:50

SCALE BAR (METRES)

| | | | |
|---|---|---|---|
| 1:25 | 0 | 1.25m | 2.5m |
| 1:50 | 0 | 2.5m | 5m |
| 1:150 | 0 | 7.5m | 15m |

Notes

For statutory consultation purposes only.

Legend

- Well-compacted thermally suitable backfill
- Thermally suitable cable surround (e.g. Cement Bound Sand (CBS))
- Protective duct block (e.g. Concrete)
- Haul Road
- Temporary culvert for haul road crossing
- High Voltage Alternating Current (HVAC) Cable
- HVAC Cable Duct
- HVAC Cable Duct surrounded in protective duct block
- Cable warning tape
- Cable protection tiles
- Existing Ground
- Existing Watercourse
- Sand Bag
- Geotextile Liner

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
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Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL DUCTED WATERCOURSE CROSSING - HVAC
SHEET 1 OF 1

nationalgrid

Application Number: EN0210003

National Grid Drawing Reference: S42/TDD/SS/0009

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

The Great Grid Upgrade

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

# 02. Typical HVDC Construction and Design Drawings

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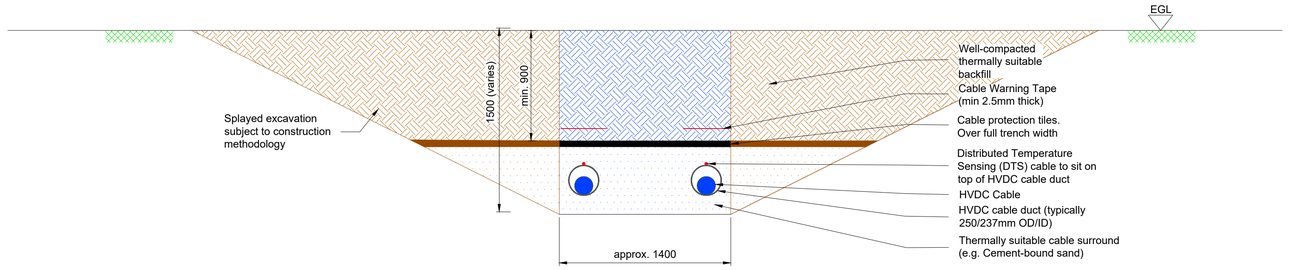
# 02. Typical HVDC Construction and Design Drawings

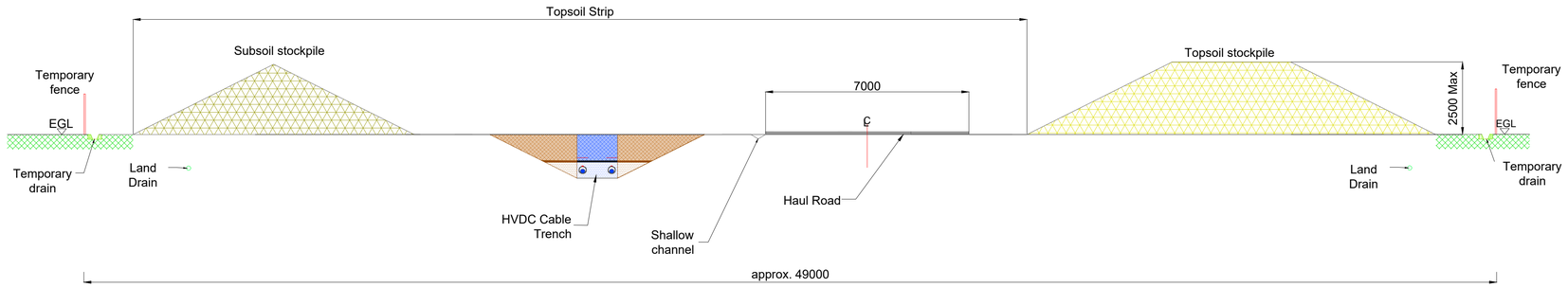
| Drawing Category | Plan Title | Drawing Reference |
|---|---|---|
| **English Onshore Scheme Construction and Design Drawings** | | |
| Typical HVDC Construction and Design Drawings | Typical HVDC Construction Swathes | S42/TDD/SS/0001 Rev 01 |
| | Typical HVDC Joint Bay | S42/TDD/SS/0003 Rev 01 |
| | Typical HVDC Transition Joint Bay | S42/TDD/SS/0004 Rev 01 |
| | Typical HVDC Road Ducted Crossing | S42/TDD/SS/0006 Rev 01 |
| | Typical HVDC Watercourse Ducted Crossing | S42/TDD/SS/0007 Rev 01 |
| | Typical HVDC Trenchless Crossing Compound | S42/TDD/SS/0016 Rev 01 |

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

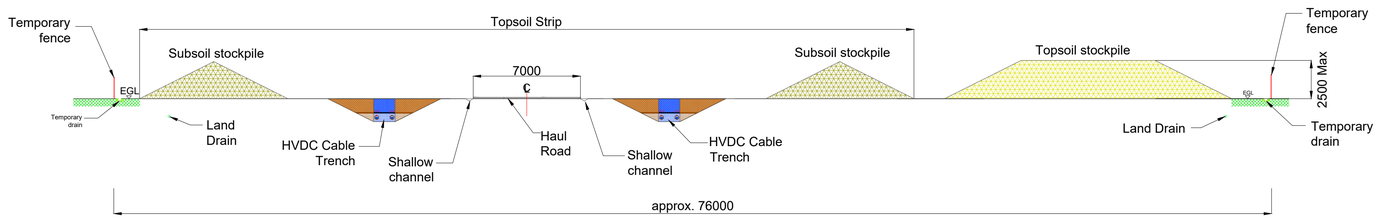
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL HVDC CONSTRUCTION SWATHES
# SHEET 1 OF 1




## Ducted Cable Cross Sections
Scale 1:25




## Typical Construction Swathe - One Trench
Scale 1:100




## Typical Construction Swathe - Two Trenches (Combined Corridor)
Scale 1:200

SCALE BAR (METRES)

| | | | |
|---|---|---|---|
| 1:25 | 0 | 1.25m | 2.5m |
| 1:100 | 0 | 5m | 10m |
| 1:200 | 0 | 6m | 12m |

## Notes
For statutory consultation purposes only.

## Legend
- Well-compacted thermally suitable backfill
- Well-compacted thermally suitable backfill (Splayed Excavation)
- Thermally suitable cable surround (e.g. Cement-bound sand)
- Thermally suitable cable surround (e.g. Cement-bound sand, Splayed Excavation)
- Cable protection tiles
- Cable warning tape
- Topsoil stockpile
- Subsoil stockpile
- Existing Ground
- Haul Road/ Temporary Footway

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL HVDC CONSTRUCTION SWATHES
SHEET 1 OF 1

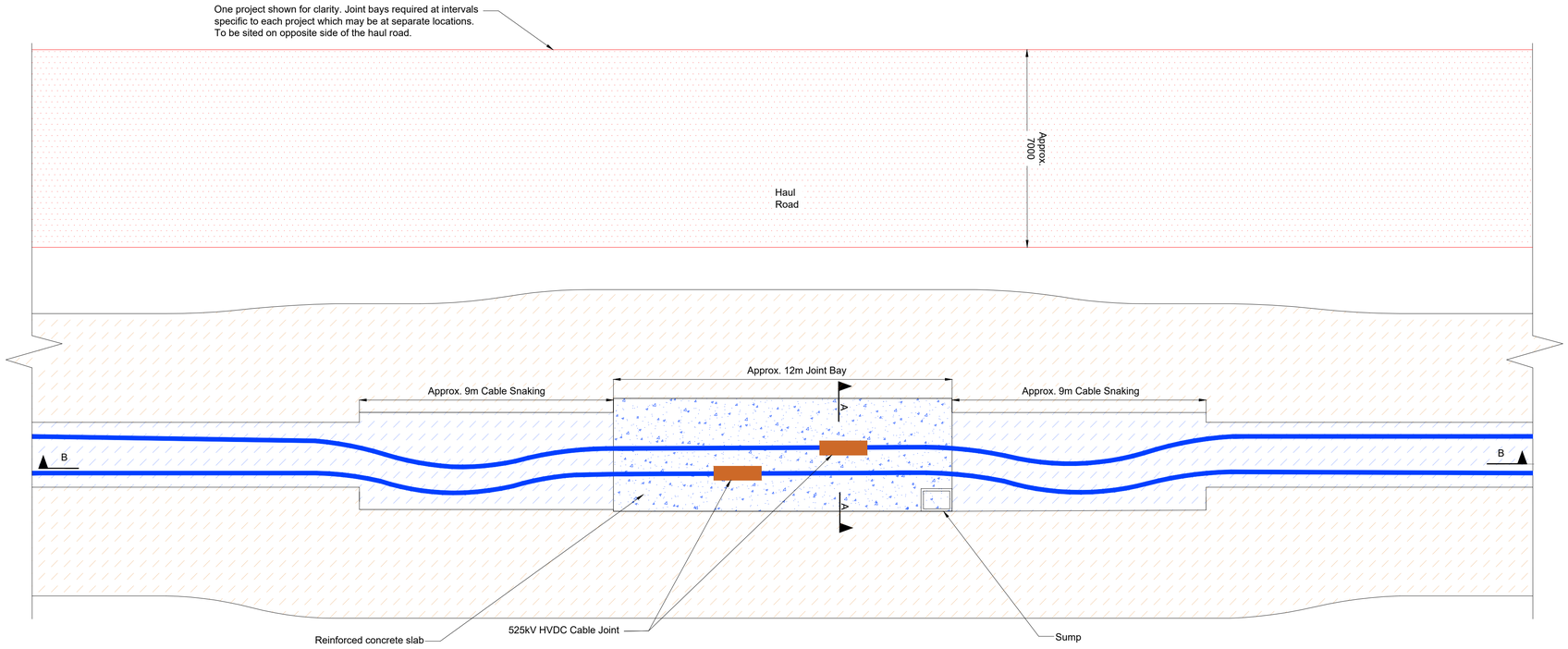
nationalgrid

Application Number
EN0210003

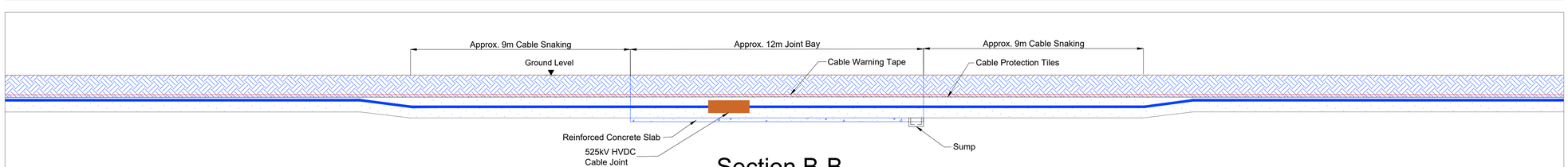
National Grid Drawing Reference
S42/TDD/SS/0001

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

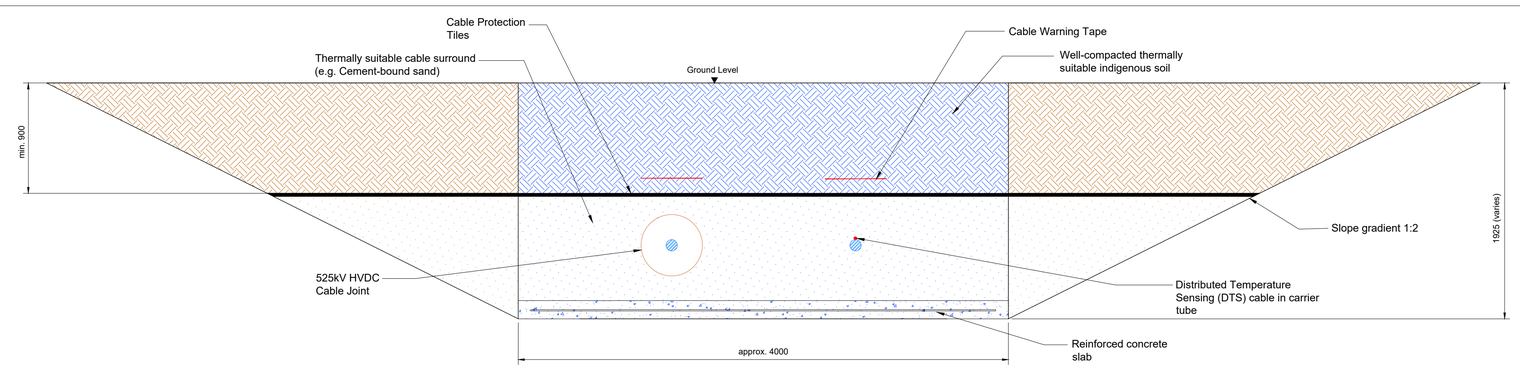
EASTERN GREEN LINK (EGL) 3 & EGL 4 ORDER
HVDC TYPICAL JOINT BAY
SHEET 1 OF 1




## Typical HVDC Cable Joint Bay Layout
Scale 1:100




## Section B-B
## Typical HVDC Cable Joint Bay Long Section
Scale 1:100




## Section A-A
## Typical HVDC Cable Joint Bay Cross Section
Scale 1:25

SCALE BAR (METRES)

1:25 — 0 — 1.25m — 2.5m

1:100 — 0 — 5m — 10m

Notes

For statutory consultation purposes only.

Legend

- Trench
- Splayed excavation
- Concrete
- Temporary Haul Road
- Well-compacted thermally suitable backfill (Trench)
- Thermally suitable cable surround (Trench)
- Well-compacted thermally suitable backfill (Splayed excavation)
- Thermally suitable cable surround (Splayed excavation)
- HVDC Cable
- Cable protection tiles
- Cable Warning Tape

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
HVDC TYPICAL JOINT BAY
SHEET 1 OF 1

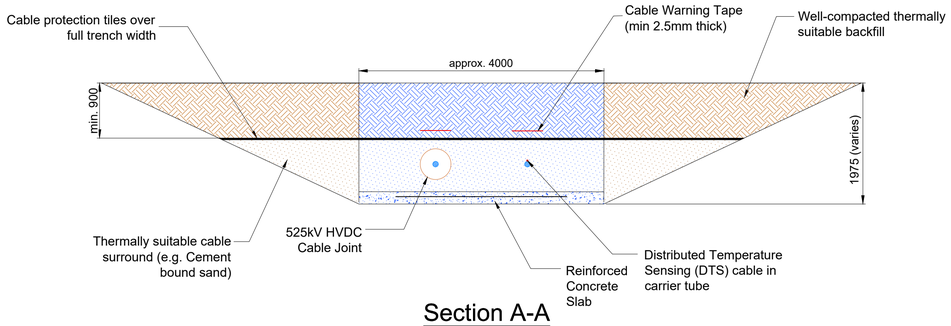
nationalgrid

Application Number
EN0210003

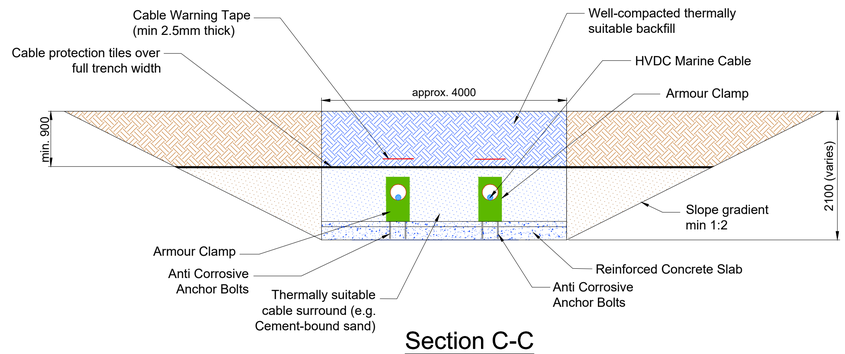
National Grid Drawing Reference
S42/TDD/SS/0003

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

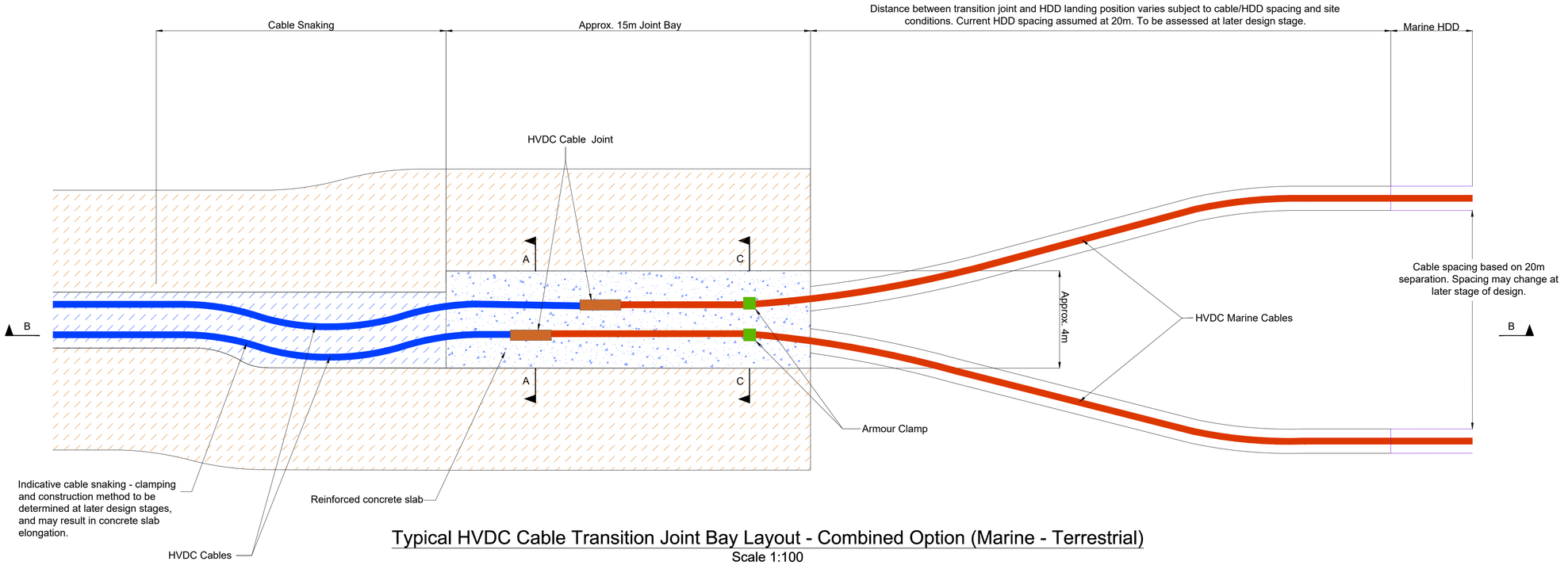
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL HVDC TRANSITION JOINT BAY ARRANGEMENT - COMBINED OPTION
# SHEET 1 OF 1



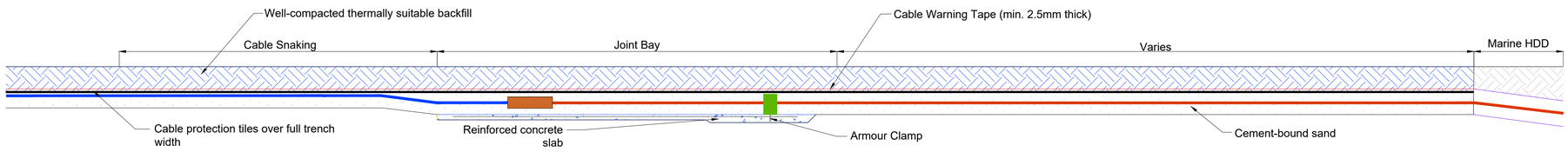

## Section A-A
## Typical HVDC Transition Cable Joint Bay Cross Section - Combined Option
Scale 1:50




## Section C-C
## Typical HVDC Transition Cable Joint Bay Cross Section - Combined Option
Scale 1:50




## Typical HVDC Cable Transition Joint Bay Layout - Combined Option (Marine - Terrestrial)
Scale 1:100




## Section B-B
## Typical HVDC Cable Transition Joint Bay Long Section
Scale 1:100

SCALE BAR (METRES)

1:50 — 0 — 2.5m — 5m

1:100 — 0 — 5m — 10m

### Notes
For statutory consultation purposes only.

### Legend
- Cable protection tiles
- HVDC cable
- HVDC marine cable
- Cable warning tape
- HVDC cable joint
- Trench
- Splayed excavation
- Concrete
- Well-compacted thermally suitable backfill (Trench)
- Thermally suitable cable surround (Trench)
- Well-compacted thermally suitable backfill (Splayed excavation)
- Thermally suitable cable surround (Splayed excavation)
- Existing ground
- Armour clamp
- Horizontal Directional Drill (HDD)

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL HVDC TRANSITION JOINT BAY ARRANGEMENT - COMBINED OPTION
SHEET 1 OF 1

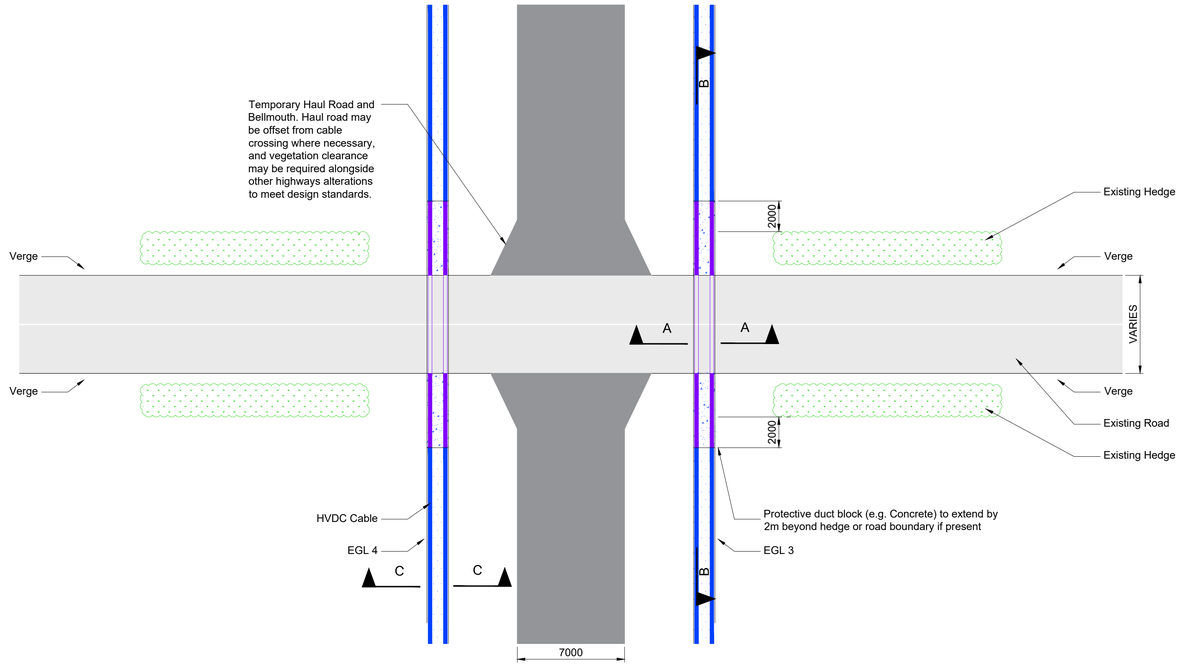
nationalgrid

Application Number: EN0210003

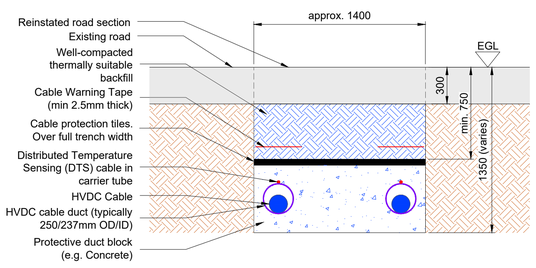
National Grid Drawing Reference: S42/TDD/SS/0004

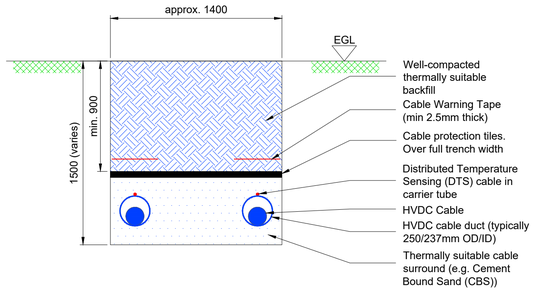
| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL DUCTED ROAD CROSSING - HVDC
# SHEET 1 OF 1

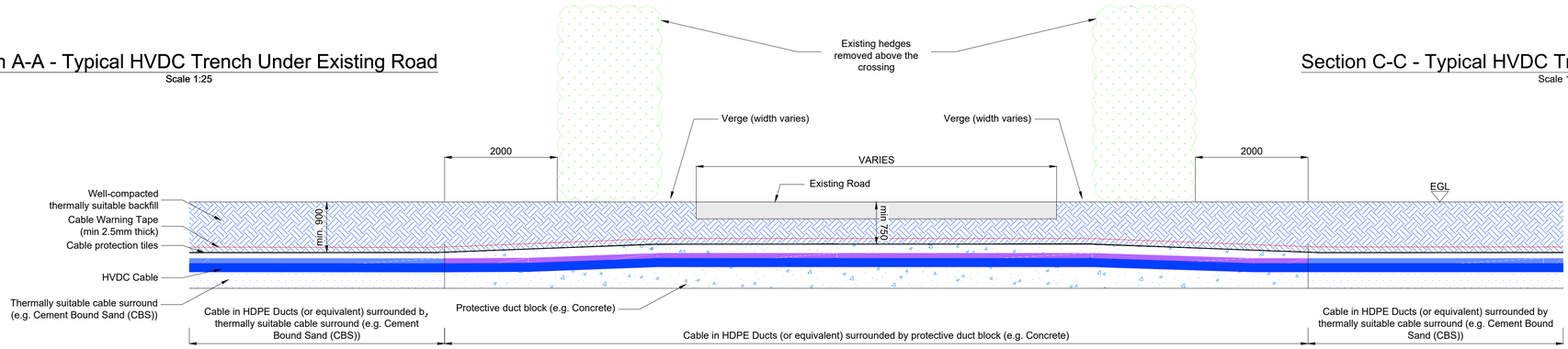



## Typical Open Cut Road Crossing Plan View
Scale 1:200




## Section A-A - Typical HVDC Trench Under Existing Road
Scale 1:25




## Section C-C - Typical HVDC Trench within Agricultural Field
Scale 1:25

## Section B-B - Typical Ducted Road Crossing
Scale 1:50

SCALE BAR (METRES)

| | | | |
|---|---|---|---|
| 1:25 | 0 | 1.25m | 2.5m |
| 1:50 | 0 | 2.5m | 5m |
| 1:200 | 0 | 10m | 20m |

Notes

For statutory consultation purposes only.

Legend

- Well-compacted thermally suitable backfill
- Thermally suitable cable surround (e.g. Cement Bound Sand (CBS))
- Protective duct block (e.g. Concrete)
- Haul Road
- Existing Road
- High Voltage Direct Current (HVDC) Cable
- HVDC Cable Duct
- HVDC Cable Crossing Duct surrounded by protective duct block
- Cable warning tape
- Existing Hedge
- Existing Ground
- Existing Carriageway Build-up

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL DUCTED ROAD CROSSING - HVDC
SHEET 1 OF 1

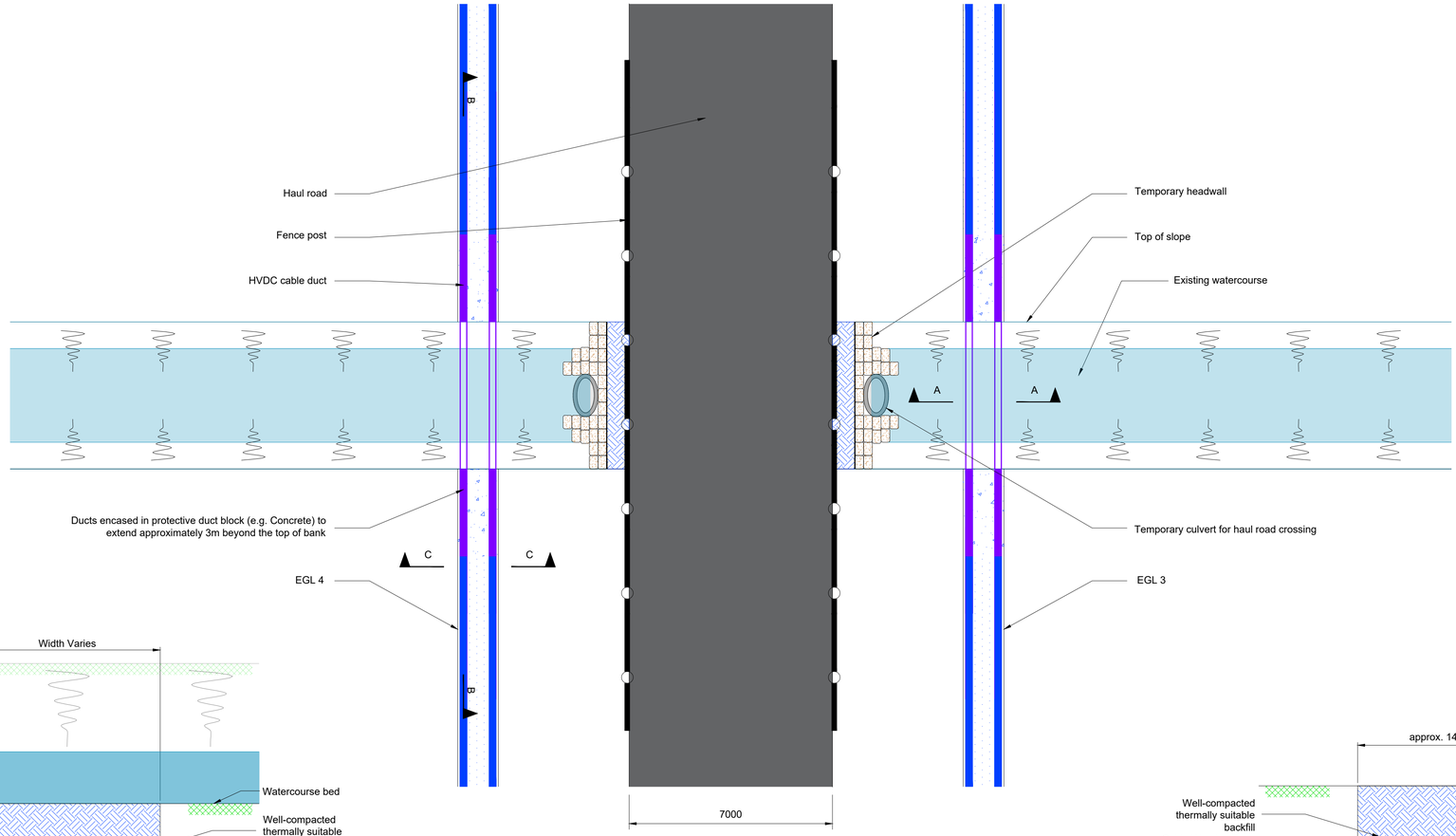
nationalgrid

Application Number
EN0210003

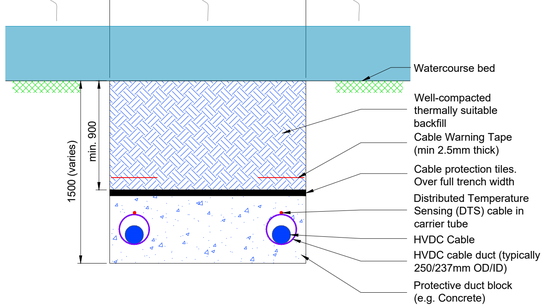
National Grid Drawing Reference
S42/TDD/SS/0006

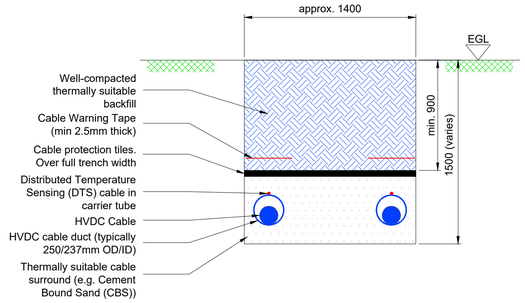
| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL DUCTED WATERCOURSE CROSSING - HVDC
# SHEET 1 OF 1



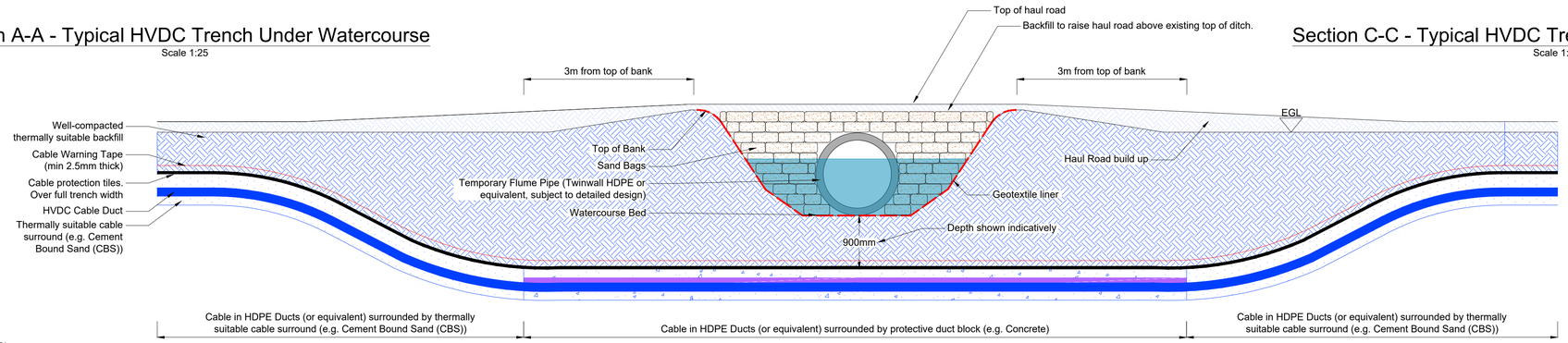

## Typical Open Cut Watercourse Crossing Plan View
Scale 1:100




## Section A-A - Typical HVDC Trench Under Watercourse
Scale 1:25

## Section C-C - Typical HVDC Trench Within Agricultural Field
Scale 1:25




## Section B-B - Typical Ducted Watercourse Crossing
Scale 1:50

SCALE BAR (METRES)

| | | | |
|---|---|---|---|
| 1:25 | 0 | 1.25m | 2.5m |
| 1:50 | 0 | 2.5m | 5m |
| 1:100 | 0 | 5m | 10m |

## Notes
For statutory consultation purposes only.

## Legend
- Well-compacted thermally suitable backfill
- Thermally suitable cable surround (e.g. Cement Bound Sand (CBS))
- Protective Duct Block (e.g. Concrete)
- Haul Road
- Temporary culvert for haul road crossing
- High Voltage Direct Current (HVDC) Cable
- HVDC Cable Duct
- HVDC Cable Duct surrounded in protective duct block
- Cable warning tape
- Cable protection tiles
- Existing Ground
- Existing Watercourse
- Sand Bag
- Geotextile Liner

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL DUCTED WATERCOURSE CROSSING - HVDC
SHEET 1 OF 1

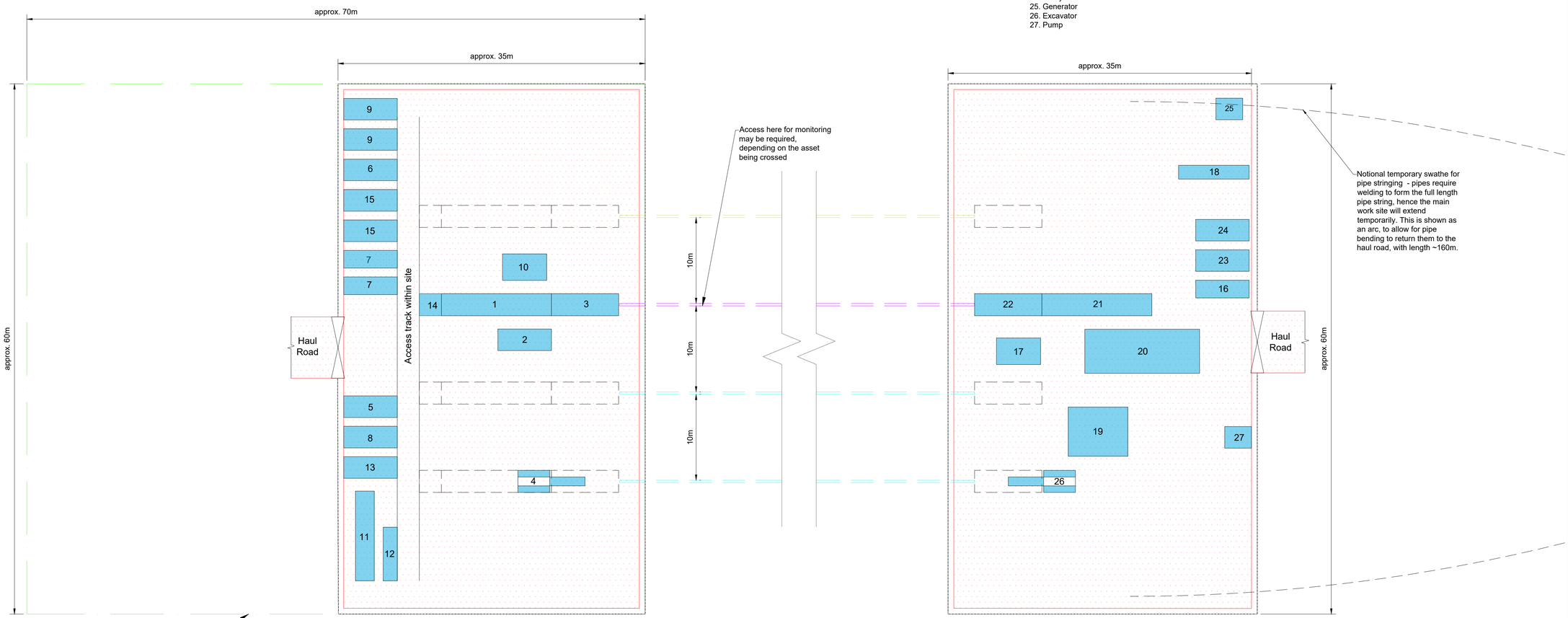
nationalgrid

Application Number
EN0210003

National Grid Drawing Reference
S42/TDD/SS/0007

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL TRENCHLESS CROSSING COMPOUND - HVDC
# SHEET 1 OF 1




**Drive Site**
1. Drilling Rig
2. Control Cabin
3. Launch Pit
4. Excavator
5. High Pressure Mud Pump
6. Slurry Separation Plant
7. Cuttings
8. Generator
9. Slurry Storage
10. Pipe Storage
11. Store
12. Skips
13. Office & Welfare
14. Working space
15. Slurry Mixing Tank

**Reception Site**
16. Cuttings
17. Drill Pipes
18. Spares Storage
19. Construction Equipment
20. Product Pipelines
21. Pipeline Rollers
22. Reception Pit
23. Slurry Treatment Plant
24. Slurry Tank
25. Generator
26. Excavator
27. Pump

## Typical Trenchless Crossing Compound
Scale 1:250

SCALE BAR (METRES)
1:250 0 12.5m 25m

**Notes**
For statutory consultation purposes only.

**Legend**
- Hard Standing/ Gravel Surface
- Construction Equipment/ Area
- Fence
- Cable Duct (Being Installed)
- Cable Duct (Installed)
- Cable Duct (To Be Installed)
- Gate
- Alternative Trenchless Crossing Drive Site

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title
EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL TRENCHLESS CROSSING
COMPOUND - HVDC
SHEET 1 OF 1

nationalgrid

Application Number
EN0210003

National Grid Drawing Reference
S42/TDD/SS/0016

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| 1:250 | A1 | SHEET 1 OF 1 | 1ST |

The Great Grid Upgrade

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

# 03. General Construction and Design Drawings

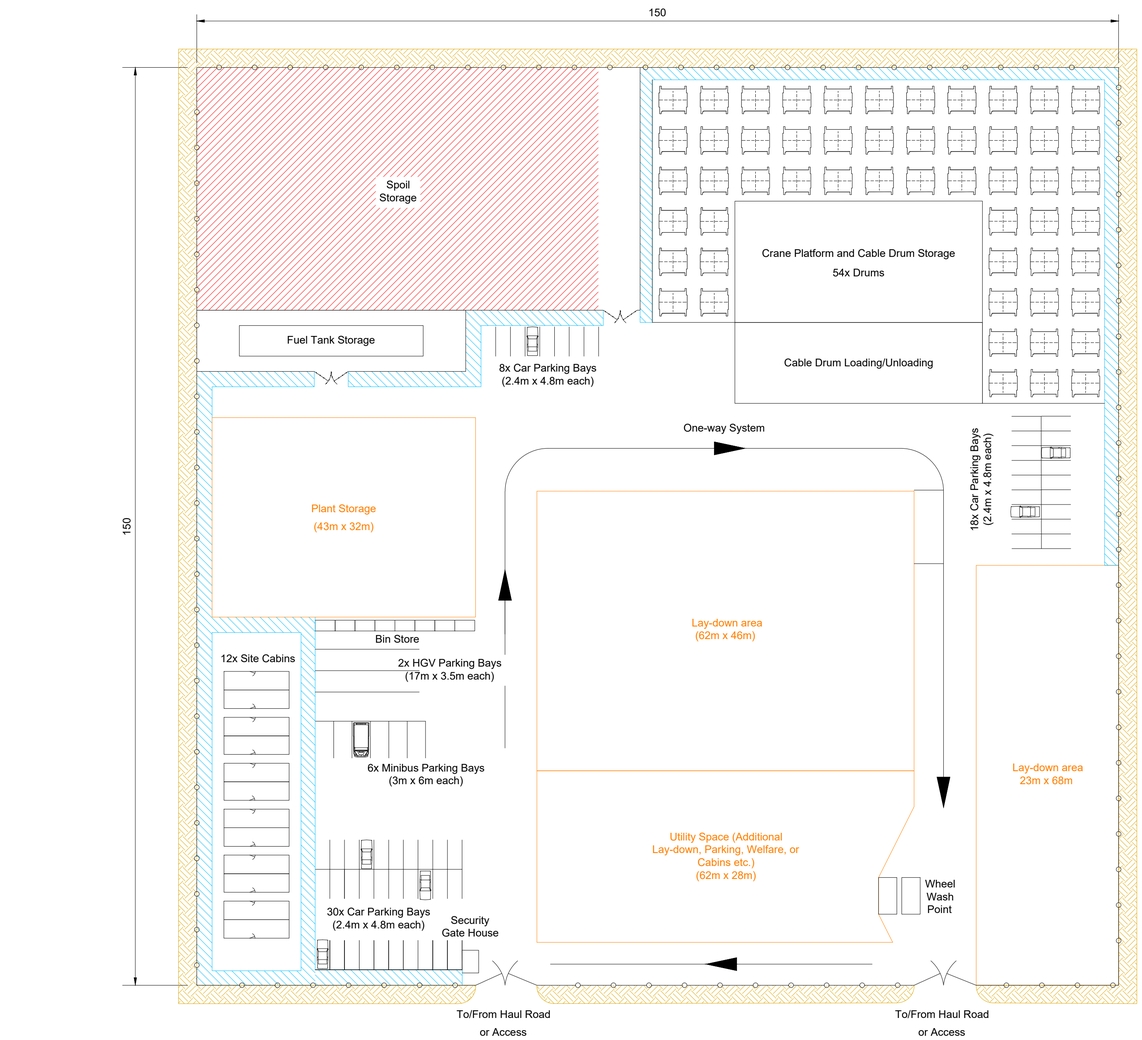
nationalgrid

# 03. General Construction and Design Drawings

| Drawing Category | Plan Title | Drawing Reference |
|---|---|---|
| **English Onshore Scheme Construction and Design Drawings** | | |
| General Construction and Design Drawings | Typical Cable Construction Compound | S42/TDD/SS/0014 Rev 01 |
| | Typical Circular Culvert | S42/TDD/SS/0011 Rev 01 |
| | Typical Bridge Crossing | S42/TDD/SS/0012 Rev 01 |
| | Typical Box Culvert | S42/TDD/SS/0010 Rev 01 |
| | Typical Bellmouth and Visibility Splay | S42/TDD/SS/0013 Rev 01 |

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

# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL CABLE CONSTRUCTION COMPOUND
# SHEET 1 OF 1




## Layout Plan
1:500


## Elevation View A-A
1:500

SCALE BAR (METRES)

1:500 0 25m 50m

Notes

For statutory consultation purposes only.

Legend

- Pedestrian Access
- Spoil
- Security Fenceline
- Cable Drum
- Lay-down / Storage Area
- Soil Bund

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL CABLE CONSTRUCTION
COMPOUND
SHEET 1 OF 1

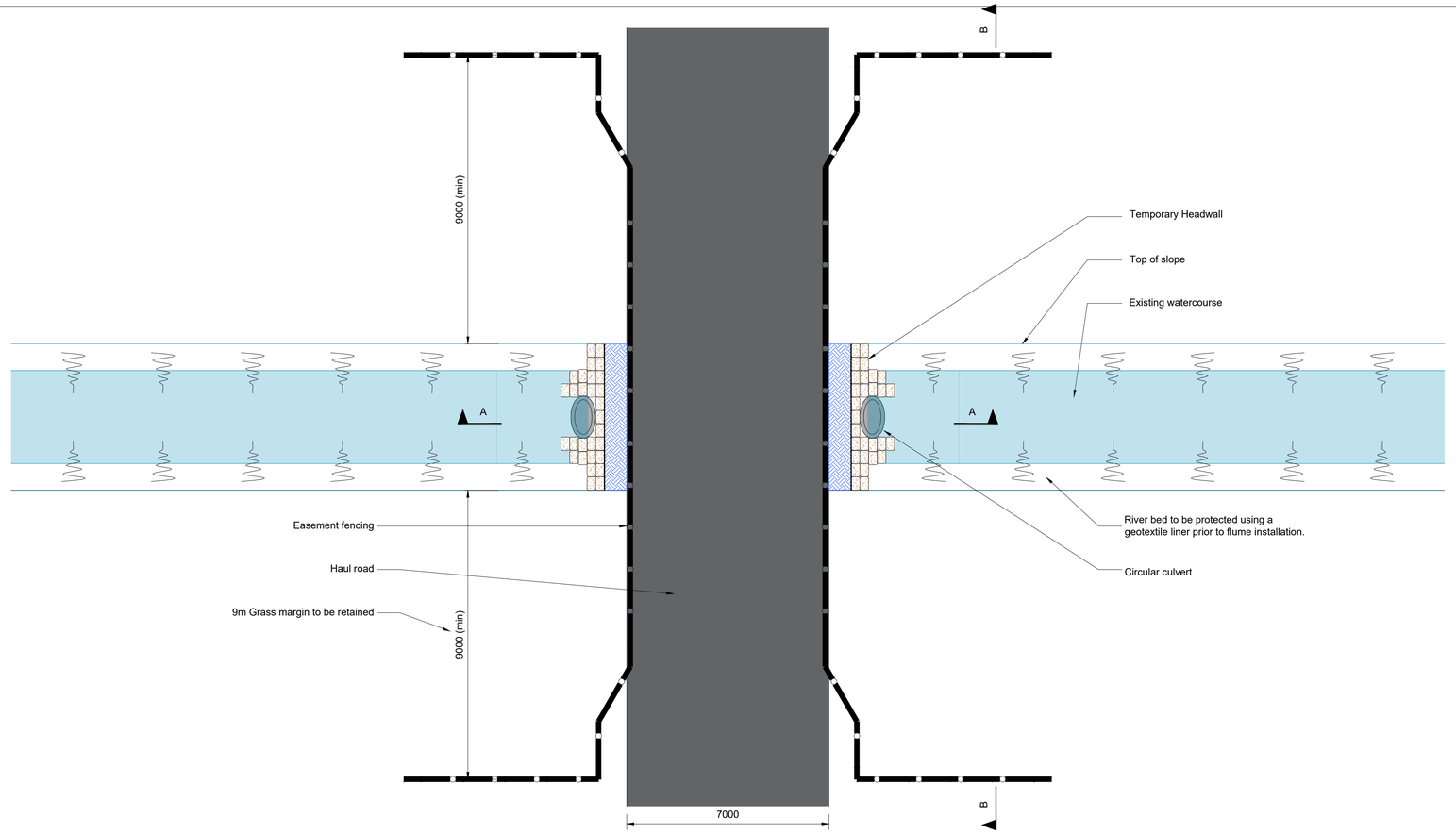
nationalgrid

Application Number
EN0210003

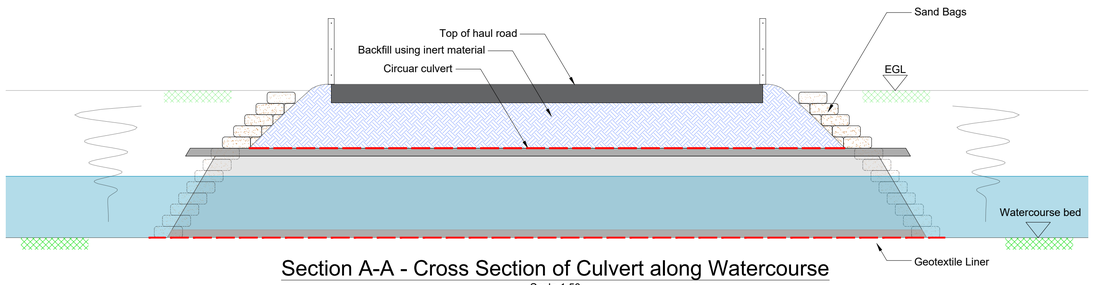
National Grid Drawing Reference
S42/TDD/SS/0014

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| 1:500 | A1 | SHEET 1 OF 1 | 1ST |

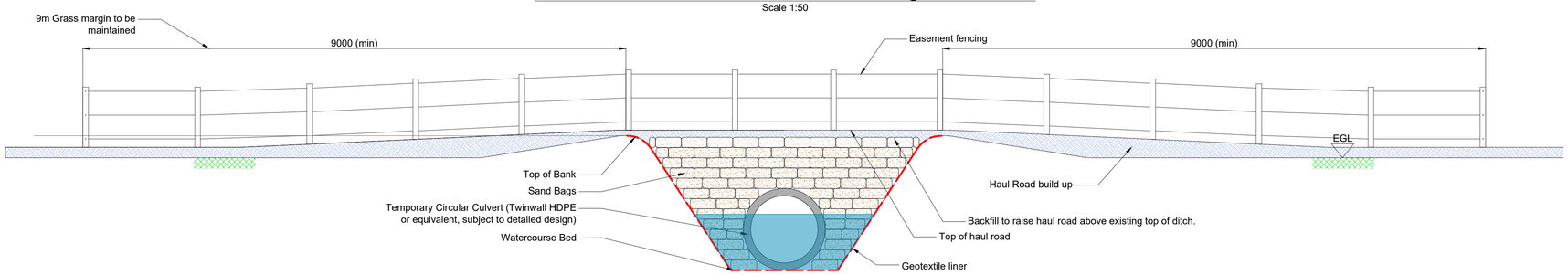
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL CIRCULAR CULVERT
# SHEET 1 OF 1




## Typical Circular Culvert Plan View
Scale 1:100




## Section A-A - Cross Section of Culvert along Watercourse
Scale 1:50




## Section B-B - Front View of Headwall
Scale 1:50

SCALE BAR (METRES)

1:50 — 0 — 2.5m — 5m

1:100 — 0 — 5m — 10m

Notes

For statutory consultation purposes only.

Legend

- Well-compacted fill
- Circular culvert
- Haul road
- Sand bag
- Existing ground
- Existing watercourse
- Easement fencing
- Geotextile liner

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL CIRCULAR CULVERT
SHEET 1 OF 1

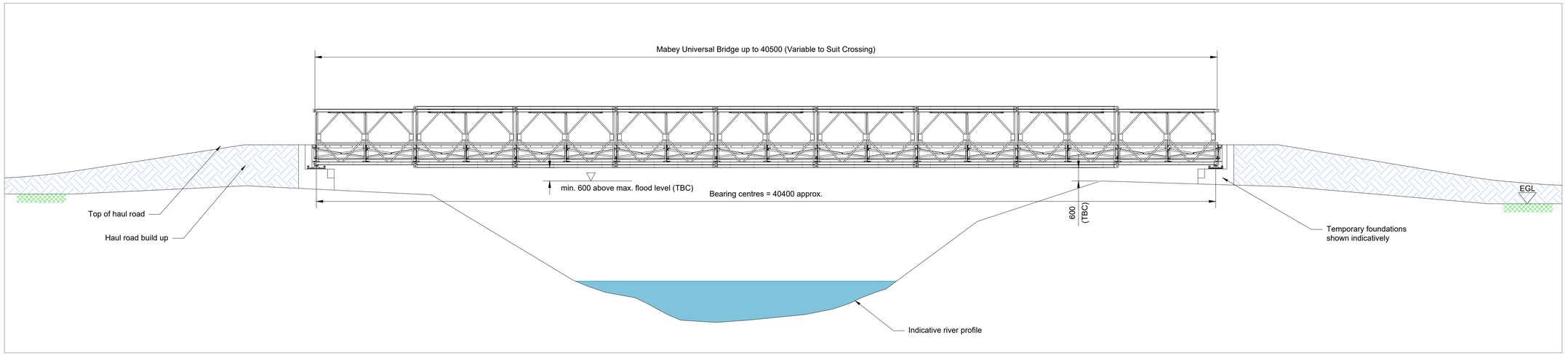
nationalgrid

Application Number: EN0210003

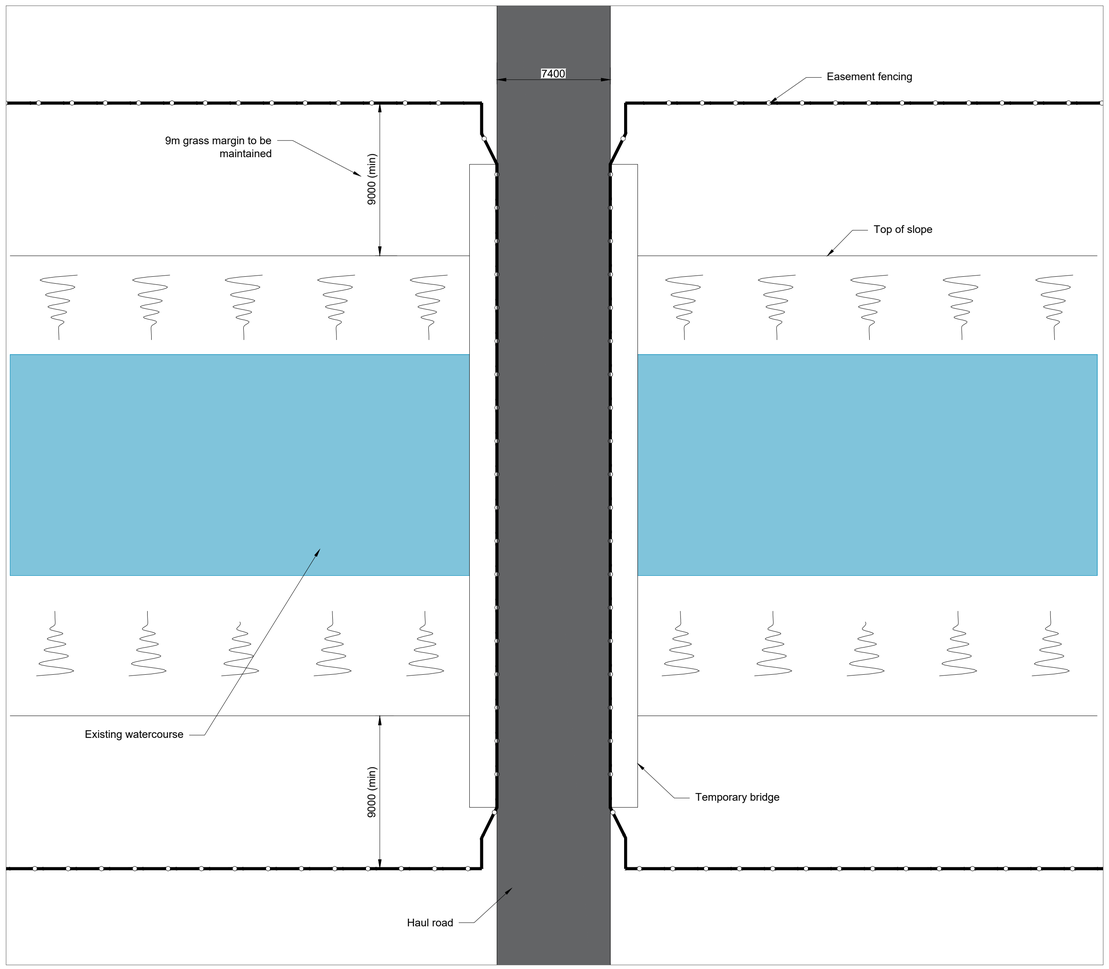
National Grid Drawing Reference: S42/TDD/SS/0011

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

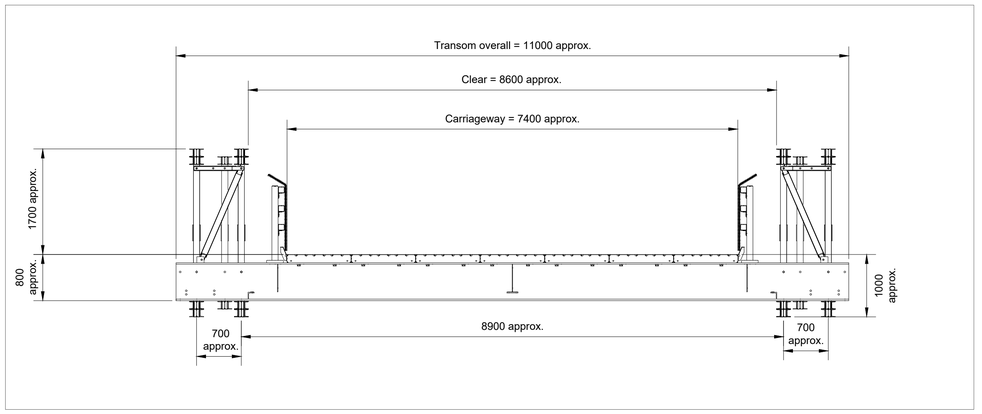
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL BRIDGE CROSSING
# SHEET 1 OF 1




## Elevation
1 : 100




## Plan
1 : 200




## Typical Section: Temporary Bridge Example (2 lanes)
1 : 50

SCALE BAR (METRES)

1:50 — 0 — 2.5m — 5m

1:100 — 0 — 5m — 10m

1:200 — 0 — 10m — 20m

Notes

For statutory consultation purposes only.

Legend

- Well-compacted fill
- Existing Ground
- Existing Watercourse
- Easement fencing

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL BRIDGE CROSSING
SHEET 1 OF 1

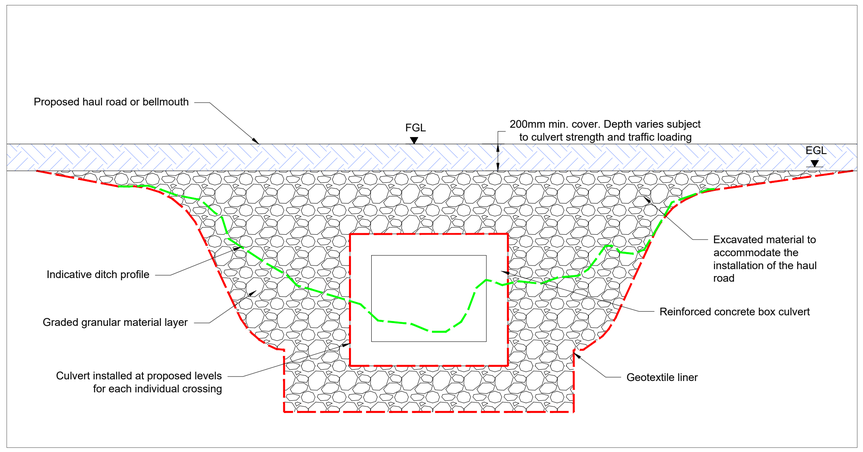
nationalgrid

Application Number
EN0210003

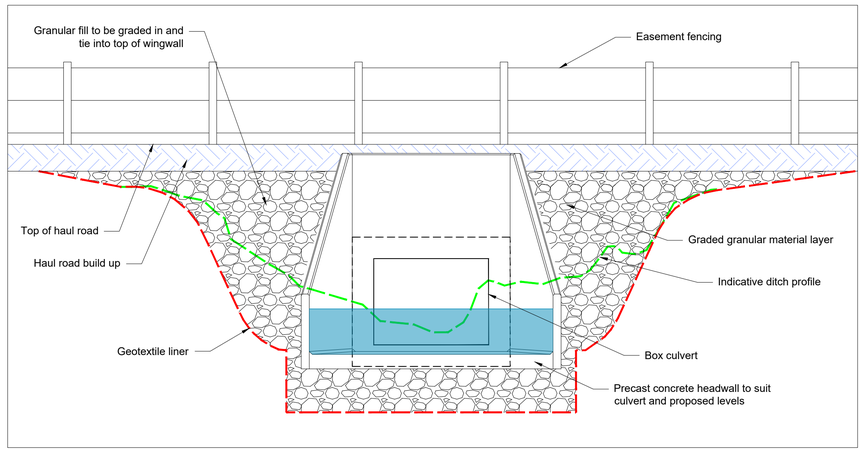
National Grid Drawing Reference
S42/TDD/SS/0012

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| AS SHOWN | A1 | SHEET 1 OF 1 | 1ST |

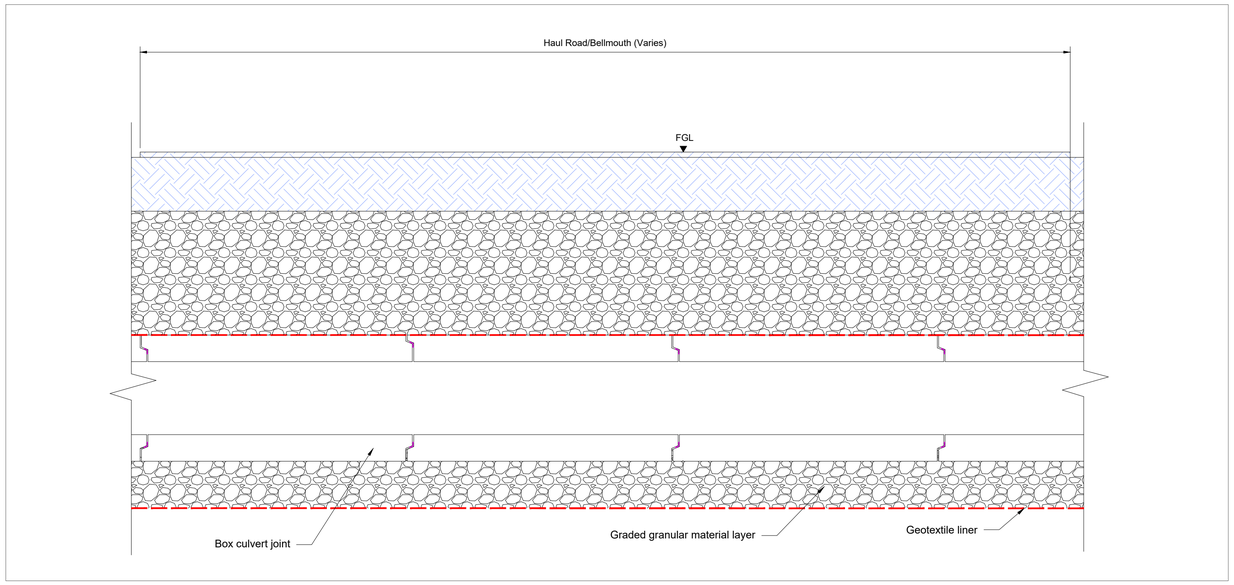
# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL BOX CULVERT
# SHEET 1 OF 1



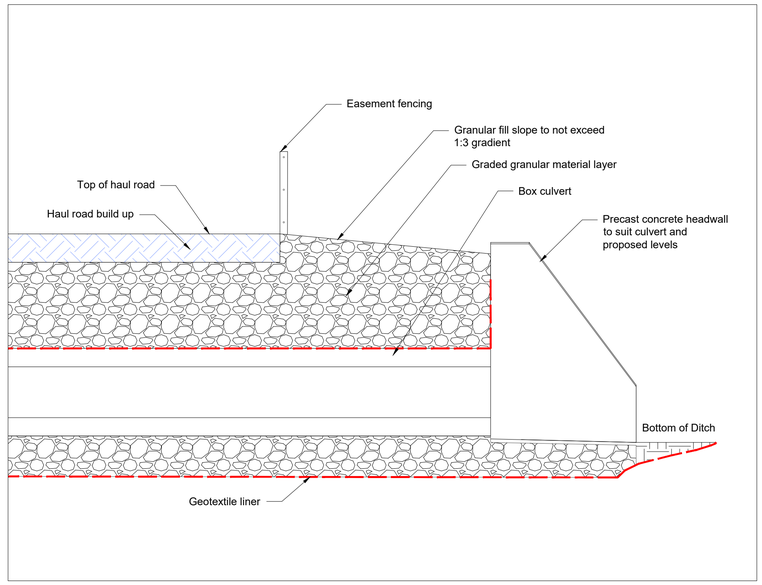

## Typical Box Culvert Cross Section
NTS




## Front View of Culvert Crossing
NTS




## Typical Box Culvert Long Section
NTS




## Typical Box Culvert Headwall Long Section
NTS

**Notes**

For statutory consultation purposes only.

**Legend**

- Well-compacted fill
- Graded granular material
- Existing Watercourse
- Indicative ditch profile
- Geotextile Liner

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL BOX CULVERT
SHEET 1 OF 1

nationalgrid

Application Number
EN0210003

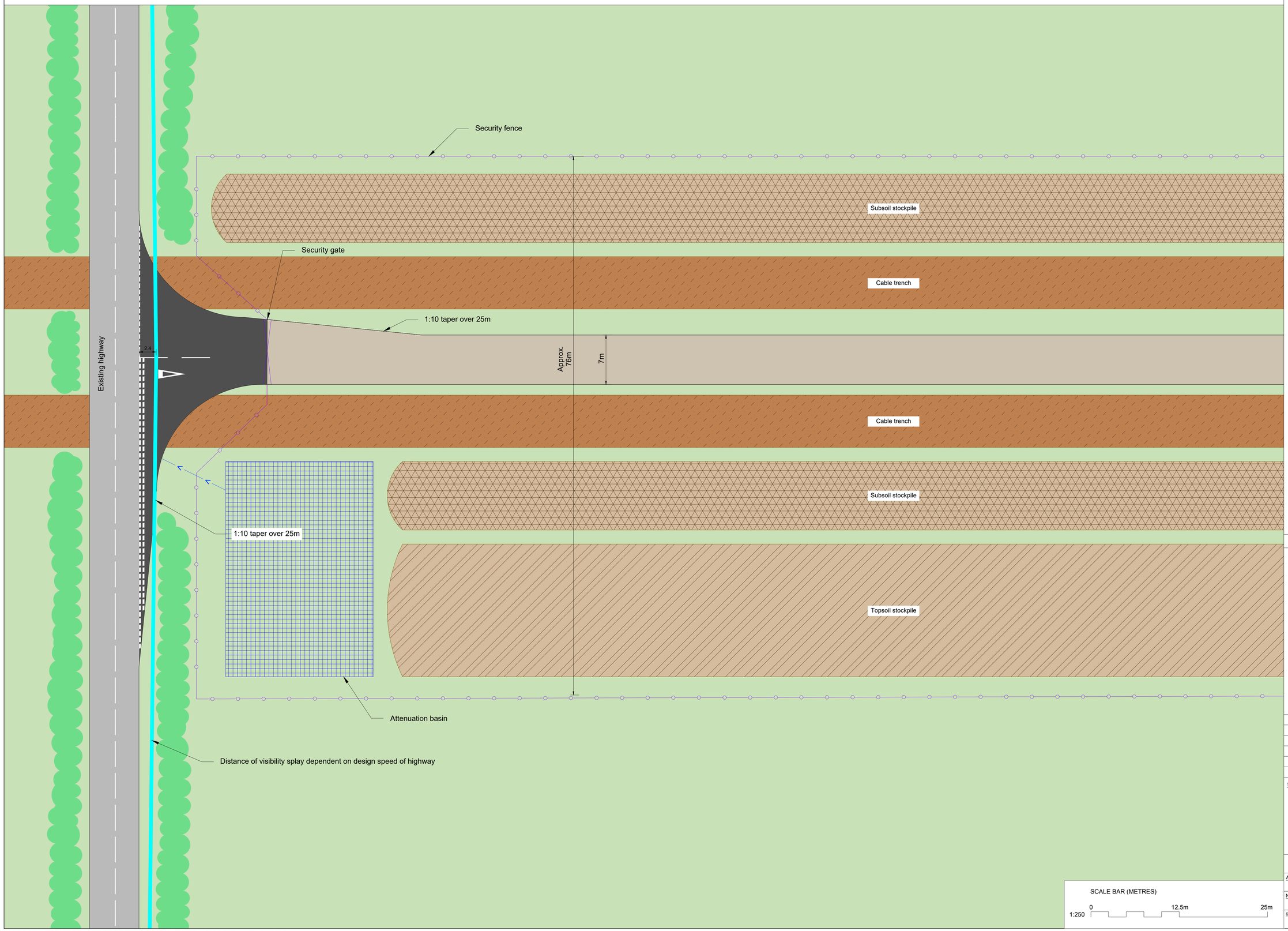
National Grid Drawing Reference
S42/TDD/SS/0010

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| NTS | A1 | SHEET 1 OF 1 | 1ST |

# EASTERN GREEN LINK (EGL) 3 & EGL 4
# TYPICAL BELLMOUTH
# SHEET 1 OF 1

Notes

For statutory consultation purposes only.




Legend

- Cable trench
- Subsoil stockpile
- Topsoil stockpile
- Existing highway
- Asphalt or similar blacktop surfacing, subject to discussion with Local Highway Authority
- Haul road
- Boundary fence
- Attenuation basin
- Outfall pipe
- Junction line of sight

| Issue | Date | Remarks | Drawn | Checked | Approved |
|---|---|---|---|---|---|
| 1ST | MAY 25 | 1ST ISSUE | OM | RM | LP |

Title

EASTERN GREEN LINK (EGL) 3 & EGL 4
TYPICAL BELLMOUTH
SHEET 1 OF 1

SCALE BAR (METRES)

1:250 0 12.5m 25m

nationalgrid

Application Number: EN0210003

National Grid Drawing Reference: S42/TDD/SS/0013

| Scale | Sheet Size | Sheet | Issue |
|---|---|---|---|
| 1:250 | A1 | SHEET 1 OF 1 | 1ST |