

BVS Planning Arrangement Plans

HyNet Carbon Dioxide Pipeline DCO

Planning Act 2008

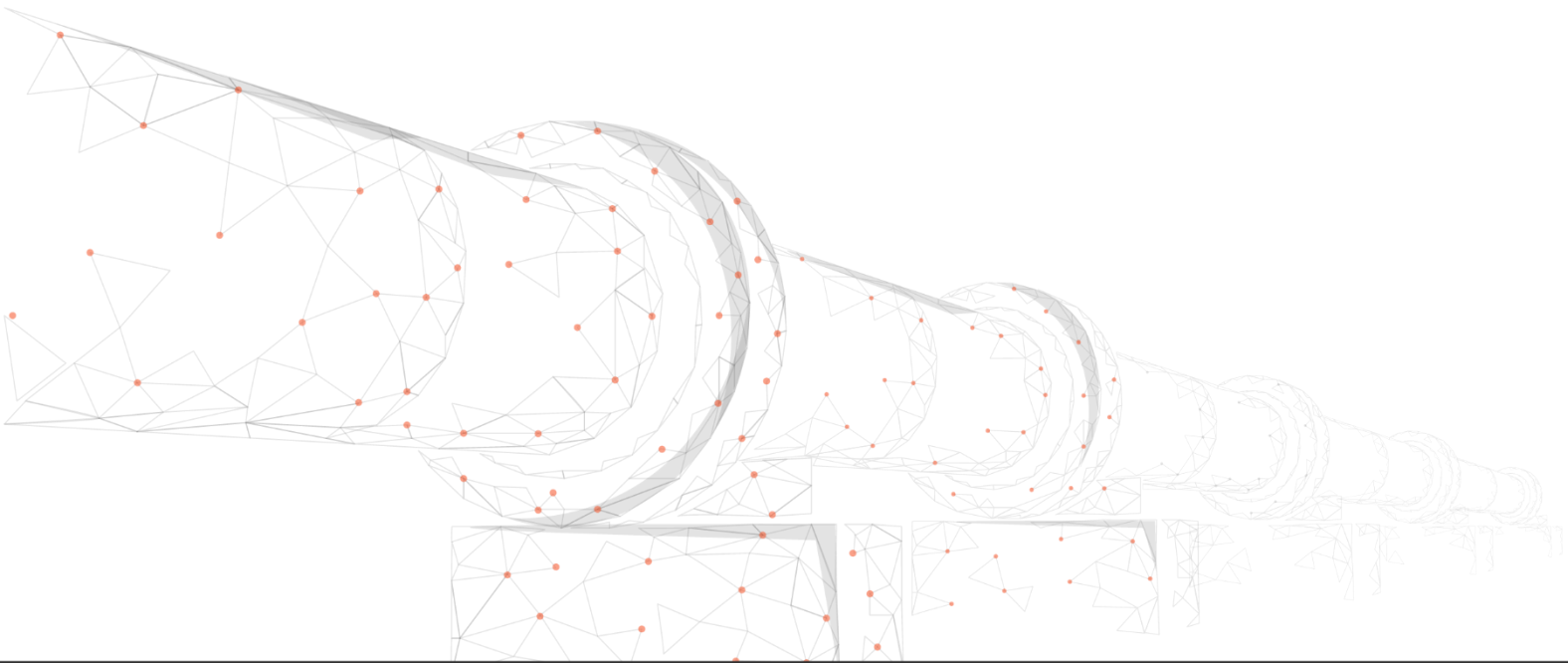
The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 – Regulations 5(2)(o)

Document Reference Number D.2.9

Applicant: Liverpool Bay CCS Limited

PINS Reference: EN070007

English Version



REVISION: B

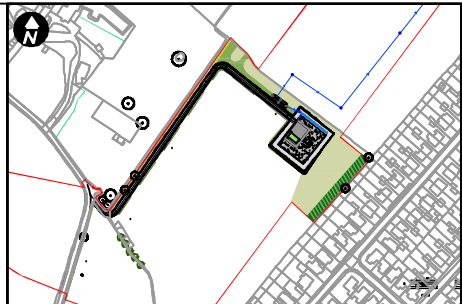
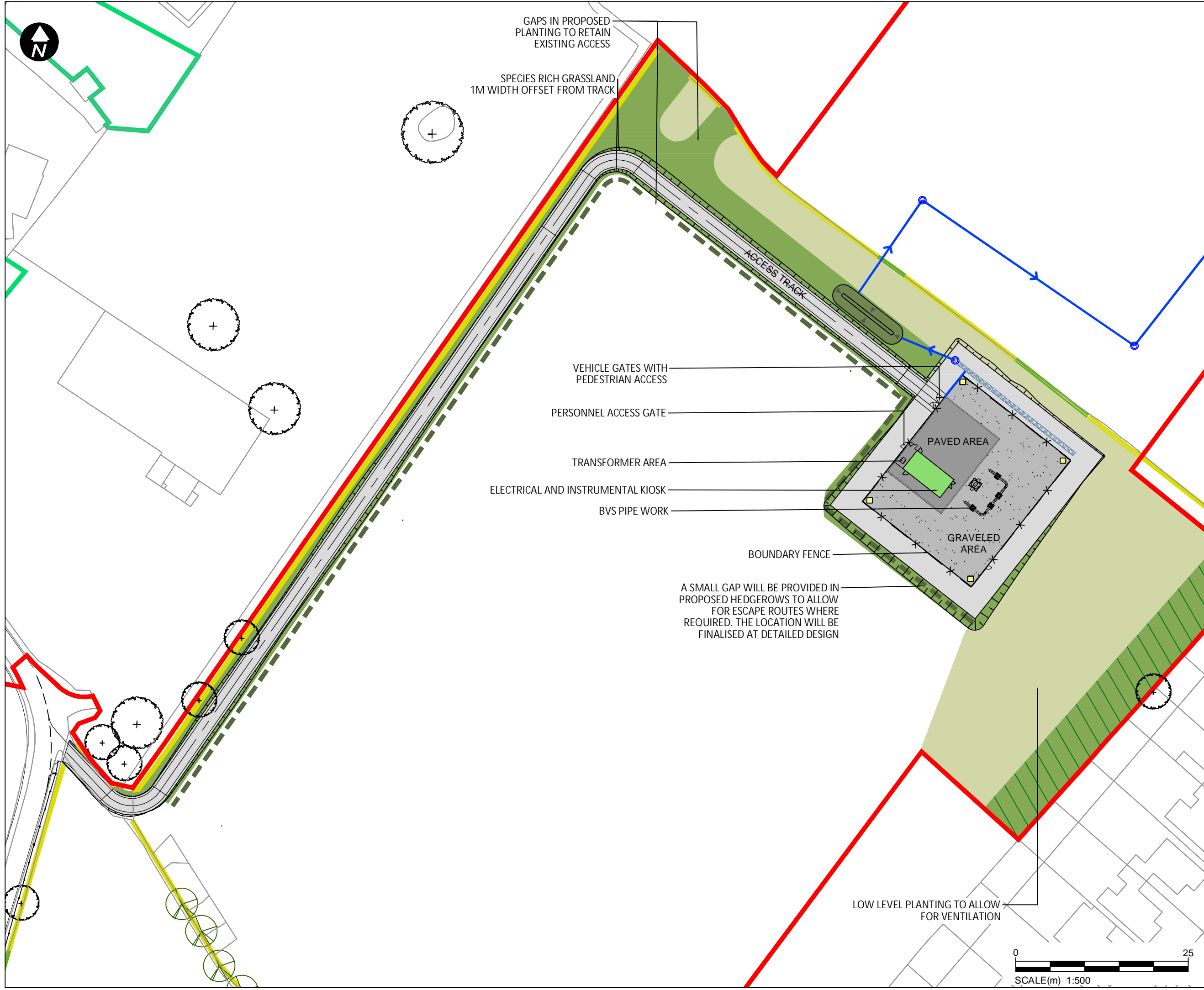
DATE: March 2023

DOCUMENT OWNER: WSP UK Limited

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QUALITY CONTROL

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Document Owner		WSP		
Revision	Date	Comments	Author	Approver
A	September 2022	Submitted with DCO application	LA	SL
B	March 2023	Update for ES Addendum Design Change Request 1	DR	DS



Key:

- Newbuild Infrastructure Boundary
- Topo survey (existing vegetation / fence lines)
- Hardstanding
- Gravel
- Crushed Stone
- Indicative Embankments / Cuttings
- Indicative Security Lighting Column with CCTV
- Existing To Be Removed
- Existing Hedgerow to be removed
- Existing To Be Retained
- Existing Woodland / Substantial areas of vegetation
- Existing Hedgerow
- Existing Tree
- Proposed Vegetation
- Hedgerow to replace existing lost
- Hedgerow
- Native Tree Screen Planting
- Native Shrub Planting
- Hedgerow Trees
- Species Rich Grassland
- Indicative Surface Water Drainage Design (Refer to EN70007-D.6.5.13.1-LAY-Sheet 5 for details)
- Indicative grassed dry detention basin
- Indicative surface water pipe (underground)
- Indicative gravel covered filter drain

NOTE:

- E&I Kiosk, lighting columns and fences to be painted green to RAL 6011
- Refer to EN70007-D.2.14-LAY-Sheet 0-10 for details of Landscape Design
- The designs are subject to a 5m limit of deviation

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HyNet North West

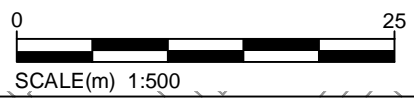
PROJECT TITLE HyNet Carbon Dioxide Pipeline DCO

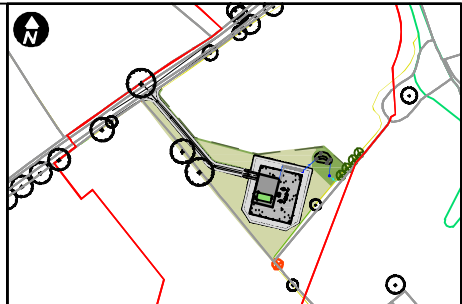
DRAWING TITLE
Application Document Reference D.2.9
Aston Hill BVS Indicative Layout
Sheet 1 of 6

DRAWING STATUS
FOR DCO SUBMISSION

DRAWN LA	CHECKED SL	APPROVED DR	AUTHORISED AV
SCALE @ A3 SIZE 1:500		DATE 23/09/2022	REVISION A

DRAWING NUMBER:
EN070007-D.2.9-LAY-Sheet 1





Key:

- New boundary
- Topo survey (existing vegetation / fence lines)
- Hardstanding
- Gravel
- Crushed Stone
- Indicative Embankments / Cuttings
- Indicative Security Lighting Column with CCTV
- Existing To Be Removed
- Tree to be removed
- Hedgerow to be removed
- Existing To Be Retained
- Existing Woodland / Substantial areas of vegetation
- Existing Hedgerow
- Existing Tree
- Proposed Vegetation
- Hedgerow to replace existing lost
- Hedgerow
- Native Shrub Planting
- Hedgerow Trees
- Species Rich Grassland
- Indicative Surface Water Drainage Design (Refer to EN70007-D.6.5.13.1-LAY-Sheet 4 for details)
- Indicative grassed dry detention basin
- Indicative open channel (above ground)
- Indicative surface water pipe (underground)
- Indicative gravel covered filter drain

NOTE:

- E&I Kiosk, lighting columns and fences to be painted green to RAL 6011
- Refer to EN070007-D.2.14-LAY-Sheet 0-10 for details of Landscape Design
- The designs are subject to a 5M limit of deviation.

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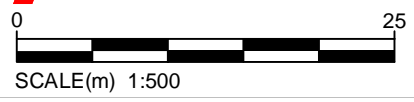
PROJECT TITLE
HyNet Carbon Dioxide Pipeline DCO

DRAWING TITLE
Application Document Reference D.2.9
Mollington BVS Indicative Layout
Sheet 2 of 6

DRAWING STATUS
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EN070007-D.2.9-LAY-Sheet 2





LOW LEVEL PLANTING TO ALLOW FOR VENTILATION

BOUNDARY FENCE

BVS PIPE WORK

ELECTRICAL AND INSTRUMENTAL KIOSK

PERSONNEL ACCESS GATE

TRANSFORMER AREA

VEHICLE GATES WITH PEDESTRIAN ACCESS

A SMALL GAP WILL BE PROVIDED IN PROPOSED HEDGEROWS TO ALLOW FOR ESCAPE ROUTES WHERE REQUIRED. THE LOCATION WILL BE FINALISED AT DETAILED DESIGN.

SPECIES RICH GRASSLAND 1M WIDTH OFFSET FROM TRACK

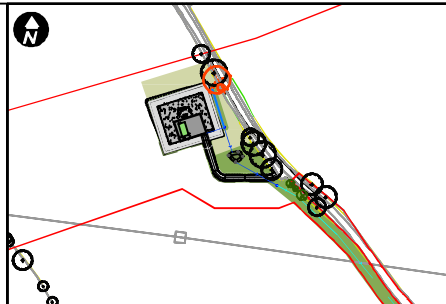
ACCESS TO FIELD TO BE RETAINED

OPEN CHANNEL TO BE SEEDED WITH SPECIES RICH GRASSLAND

GRAVELED AREA

PAVED AREA

ACCESS TRACK



Key:

- Newbuild Infrastructure Boundary
- Topo survey (existing vegetation / fence lines)
- Hardstanding
- Gravel
- Crushed Stone
- Indicative Embankments / Cuttings
- Indicative Security Lighting Column with CCTV
- Existing To Be Removed
- Tree to be removed
- Existing To Be Retained
- Existing Hedgerow
- Existing Tree
- Proposed Vegetation
- Hedgerow to replace existing lost
- Hedgerow
- Native Shrub Planting
- Hedgerow Trees
- Species Rich Grassland
- Indicative Surface Water Drainage Design (Refer to EN70007-D.6.5.13.1-LAY-Sheet 3 for details)
- Indicative grassed dry detention basin
- Indicative open channel (above ground)
- Indicative surface water pipe (underground)
- Indicative gravel covered filter drain

NOTE:
- E&I Kiosk, lighting columns and fences to be painted green to RAL 6011
- Refer to EN070007-D.2.14-LAY-Sheet 0-10 for details of Landscape Design
- The designs are subject to a 5m limit of deviation.

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HyNet North West

PROJECT TITLE
HyNet Carbon Dioxide Pipeline DCO

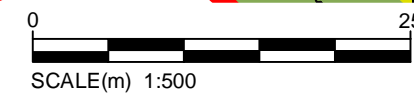
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Rock Bank BVS Indicative Layout
Sheet 3 of 6

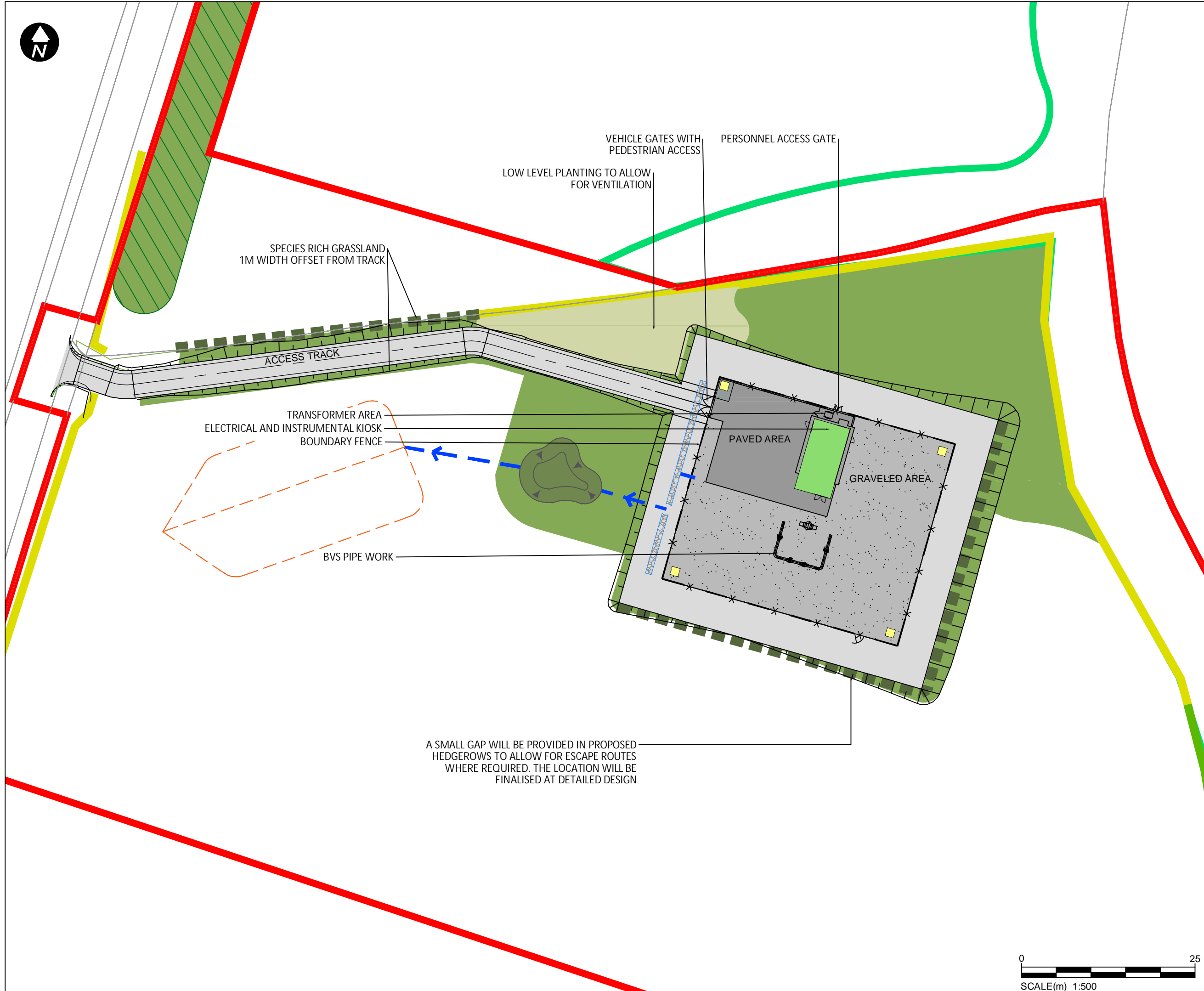
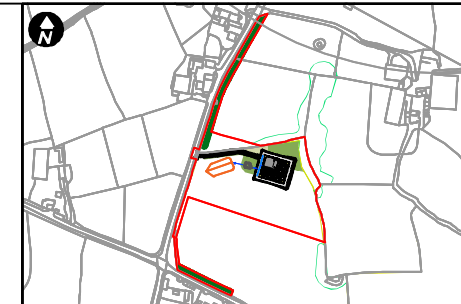
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FOR DCO SUBMISSION

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SCALE @ A3 SIZE	DATE	REVISION
1:500	20/09/2022	A

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EN070007-D.2.9-LAY-Sheet 3





Key:

- Newbuild Infrastructure Boundary
- Topo survey (existing vegetation / fence lines)
- Hardstanding
- Gravel
- Crushed Stone
- Indicative Embankments / Cuttings
- Indicative Security Lighting Column with CCTV
- Existing To Be Retained**
- Existing Woodland / Substantial areas of vegetation
- Existing Hedgerow
- Proposed Vegetation**
- Hedgerow to replace existing lost
- Hedgerow
- Native Shrub Planting
- Species Rich Grassland
- Indicative Surface Water Drainage Design (Refer to EN70007-D.6.5.13.1-LAY-Sheet 9 for details)**
- Indicative grassed dry detention basin
- Indicative surface water pipe (underground)
- Indicative land drain (underground)
- Indicative gravel covered filter drain

NOTE:

- E&I Kiosk, lighting columns and fences to be painted green to RAL 6011
- Refer to EN070007-D.2.14-LAY-Sheet 0-10 for details of Landscape Design
- The designs are subject to a 5M limit of deviation.

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PROJECT TITLE
HyNet Carbon Dioxide Pipeline DCO

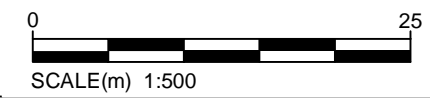
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Application Document Reference D.2.9
Pentre Halkyn BVS Indicative Layout
Sheet 4 of 6

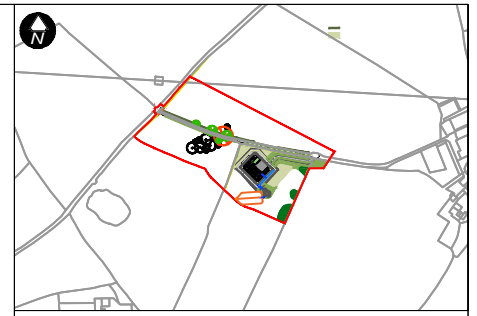
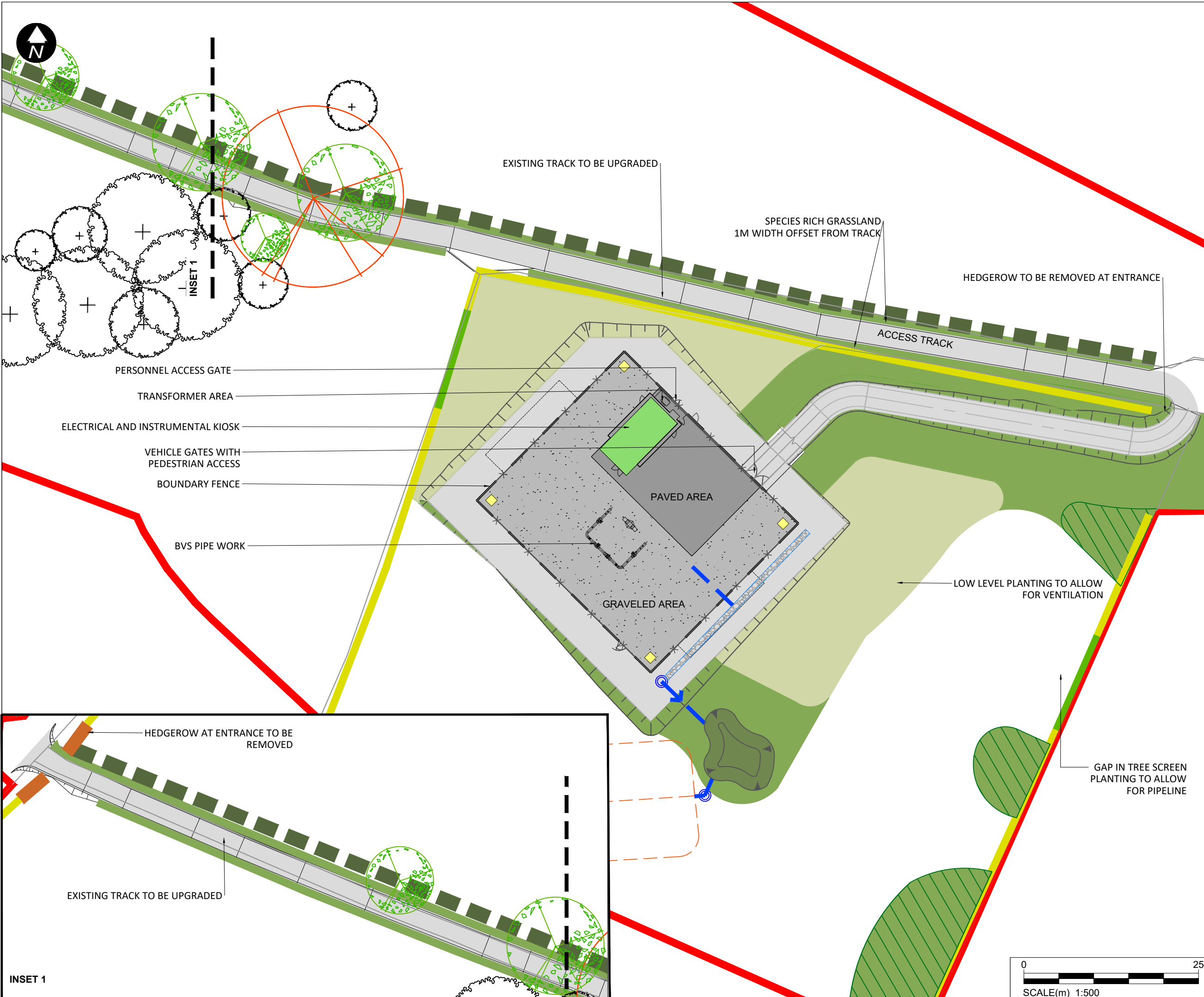
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FOR DCO SUBMISSION

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1:500	23/09/2022	A

DRAWING NUMBER:
EN070007-D.2.9-LAY-Sheet 4





Key:

- Newbuild Infrastructure Boundary
- Topo survey (existing vegetation / fence lines)
- Hardstanding
- Gravel
- Crushed Stone
- Indicative Embankments / Cuttings
- Indicative Security Lighting Column with CCTV

Existing To Be Removed

- Tree to be removed
- Hedgerow to be removed

Existing To Be Retained

- Existing Hedgerow
- Existing Tree

Proposed Vegetation

- Hedgerow to replace existing lost
- Hedgerow
- Native Shrub Planting
- Hedgerow Trees
- Species Rich Grassland

Indicative Surface Water Drainage Design
(Refer to EN70007-D.6.5.13.1-LAY-Sheet 10 for details)

- Indicative grassed dry detention basin
- Indicative land drain (underground)
- Indicative surface water pipe (underground)
- Indicative gravel covered filter drain

NOTE:

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PROJECT TITLE
HyNet Carbon Dioxide Pipeline DCO

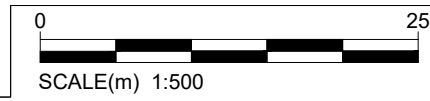
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Babell BVS Indicative Layout
Sheet 5 of 6

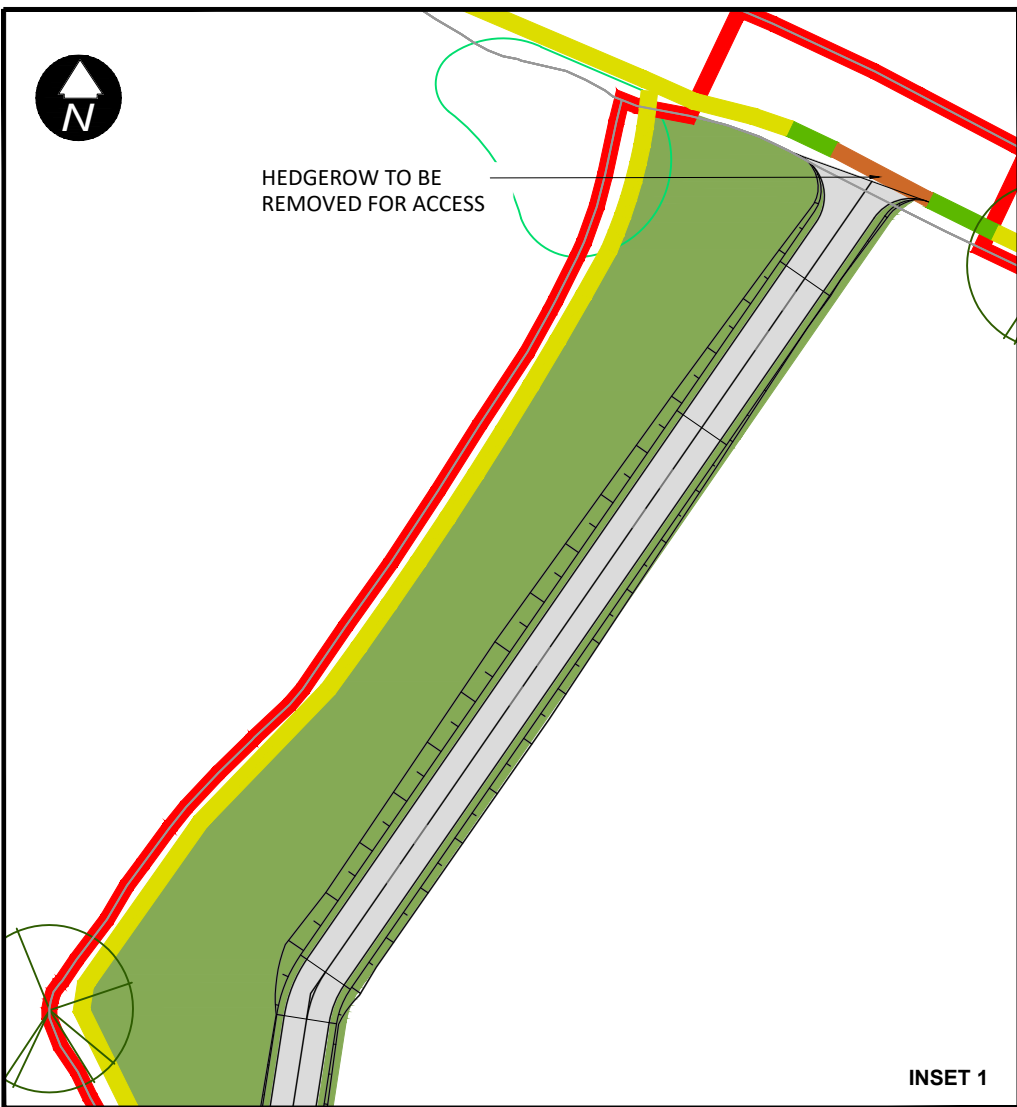
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CHANGE REQUEST

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SCALE @ A3 SIZE	DATE	REVISION
1:500	27/03/2023	B

DRAWING NUMBER:
EN070007-D.2.9-LAY-Sheet 5





INSET 1



HEDGEROW TO BE REMOVED FOR ACCESS

LOW LEVEL PLANTING TO ALLOW FOR VENTILATION

ACCESS TRACK

SPECIES RICH GRASSLAND
1M WIDTH OFFSET FROM TRACK

VEHICLE GATES WITH PEDESTRIAN ACCESS

PERSONNEL ACCESS GATE

TRANSFORMER AREA

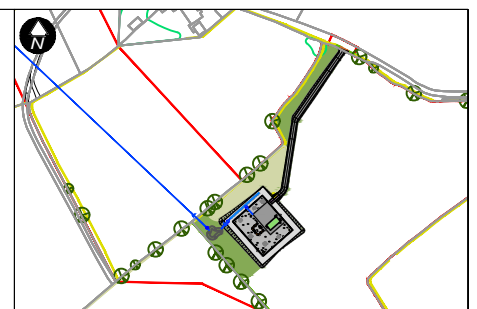
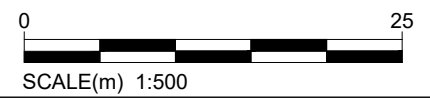
ELECTRICAL AND INSTRUMENTAL KIOSK

BVS PIPE WORK

BOUNDARY FENCE

PAVED AREA

GRAVELED AREA



Key:

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- Hedgerow Trees
- Species Rich Grassland
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PROJECT TITLE
HyNet Carbon Dioxide Pipeline DCO

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 Cornist Lane BVS Indicative Layout
 Sheet 6 of 6

DRAWING STATUS
CHANGE REQUEST

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