

# Norwich to Tilbury

## Volume 7: Other Documents

Document: 7.4 Outline Landscape and Ecological Management Plan Appendix D - Outline Landscape Proposals

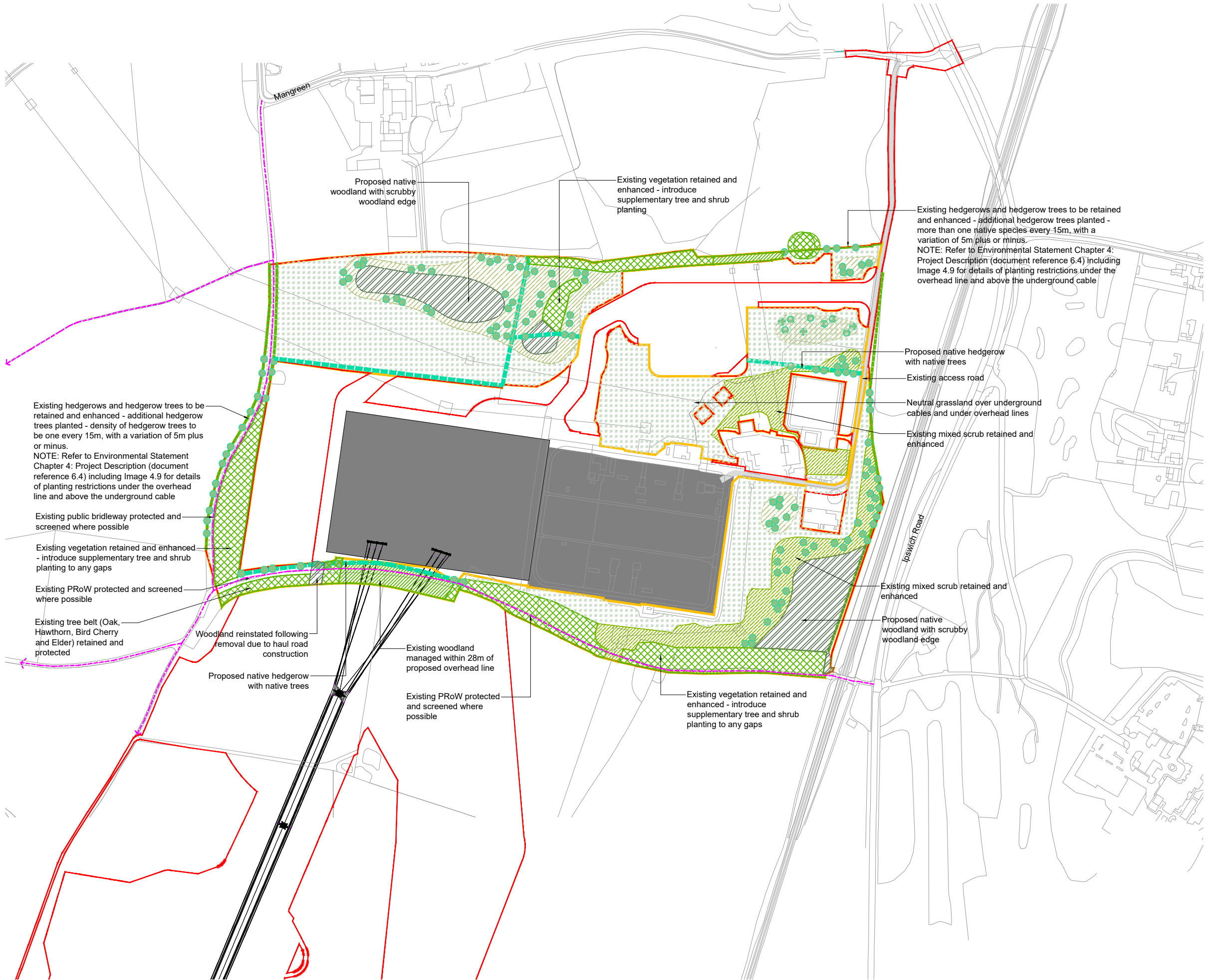
Final Issue A

August 2025

Planning Inspectorate Reference: EN020027

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(q)





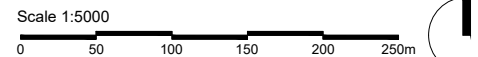
- NOTES:
- For Substation/ CSE compound proposals and services please refer to the engineering team's drawings.
  - Tree and shrub planting to be offset from security fence by 3m. (Alignment of security fence to be determined)

- Site**
- Order Limits
  - Extent of the Environmental Area
  - Substation / CSE compound  
(Refer to the engineering team's drawings)
  - Substation / CSE compound access  
(Refer to the engineering team's drawings)
  - Proposed/ existing overhead lines  
(refer to the engineering team's drawings)
  - Existing Public Right of Way

- Soft Landscape**
- EV-1 Existing Vegetation retained and enhanced  
Introduce supplementary tree and shrub planting
  - EV-2 Existing Vegetation to be managed under overhead lines - Details to be confirmed
  - EV-3 Existing Hedgerow retained and enhanced  
Supplement any gaps with native hedgerow and tree species
  - EV-4 Retained and enhanced scrub  
Existing scrub supplemented with native scrub mix
  - PV-1 Proposed Native Woodland Mix  
To provide screening, enhance existing woodlands and wildlife corridors. Minimum depth 20m, unless indicated
  - PV-2 Proposed Native Trees  
To provide structure to field boundaries, hedgerows and areas of proposed native scrub
  - PV-3 Proposed Native Scrub Mix  
Increased areas of shrub planting to maximise biodiversity enhancement and provide screening, enhance existing woodlands and vary structure planting. NOTE: Low growing shrub planting to be maintained under the overhead lines
  - PV-4 Proposed Native Hedgerow  
To provide low level screening to visual receptors, reinstate lost field boundaries and enhance landscape character, provide green infrastructure connectivity, additional habitat for nesting birds and wildlife corridors
  - PV-5 Proposed Neutral Grassland  
Seed mixes to be site specific and specified at detailed design stage

A Aug 2025 FOR DCO APPLICATION LT LC RG

Rev	Date	Description	Drm	Chk	App
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Project  
**NORWICH TO TILBURY**

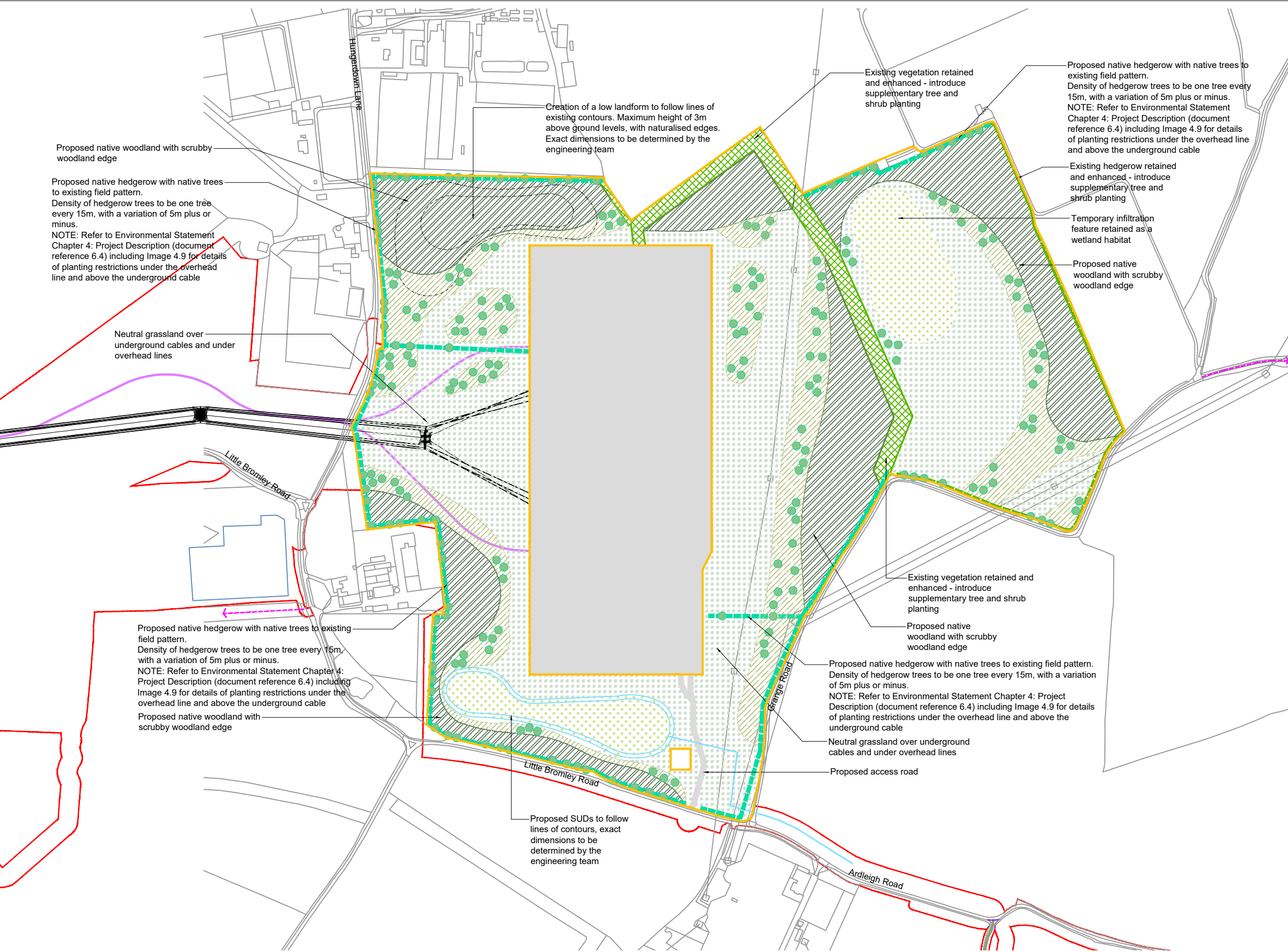
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**NATIONAL GRID**

LUC Job Nr	Scale @A3	Status
12055	1:5000	S1

Drawing Title  
**Norwich Substation  
Landscape Proposals**

Drawing Nr	Rev
12055-LUC-XX-XX-DR-L-0001	A





- Site**
- Order Limits
  - Extent of the Environmental Area
  - Substation / CSE compound (Refer to the engineering team's drawings)
  - Substation / CSE compound access (Refer to the engineering team's drawings)
  - Proposed surface water attenuation drainage pond
  - Proposed outfall alignment (Refer to the engineering team's drawings)
  - Proposed spoil bund
  - Proposed/ existing overhead lines (refer to the engineering team's drawings)
  - Proposed underground cabling (refer to the engineering team's drawings)
  - Existing Public Right of Way

- Soft Landscape**
- EV-1 Existing Vegetation retained and enhanced  
Introduce supplementary tree and shrub planting
  - EV-3 Existing Hedgerow retained and enhanced  
Supplement any gaps with native hedgerow and tree species
  - PV-1 Proposed Native Woodland Mix  
To provide screening, enhance existing woodlands and wildlife corridors. Minimum depth 20m, unless indicated
  - PV-2 Proposed Native Trees  
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  - PV-5 Proposed Neutral Grassland  
Seed mixes to be site specific and specified at detailed design stage
  - PV-6 Emergent Marginal Planting  
Wetland seed mix around the proposed SuDs and wetland habitat areas- to favour amphibians and invertebrates use of ponds

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Scale 1:5000

0 50 100 150 200 250m

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NATIONAL GRID

LUC Job Nr

Scale @A3

Status

12055

1:5000

S1

Drawing Title

EACN Substation  
Landscape Proposals

Drawing Nr

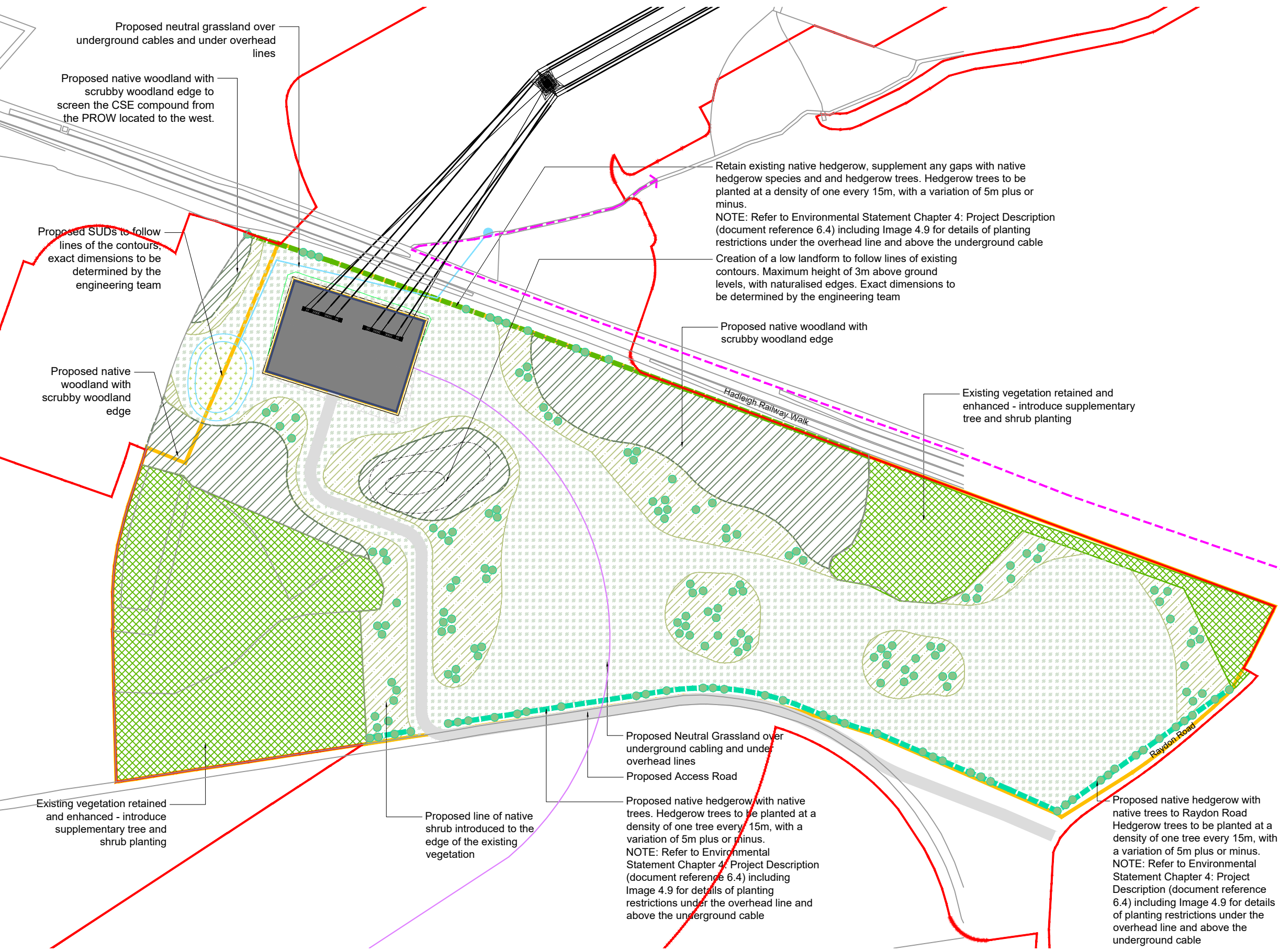
12055-LUC-XX-XX-DR-L-0003

Rev

A

- NOTES:
- For Substation / CSE compound proposals and services please refer to the engineering team's drawings.
  - Tree and shrub planting to be offset from security fence by 3m. (Alignment of security fence to be determined).
  - Detailed design to co-ordinate with details of underground cable routes of customer connections (North Falls and Five Estuaries Offshore Wind Farms). No planting shall be within 10 m of underground cables.





NOTES:  
1. For Substation/ CSE compound proposals and services please refer to the engineering team's drawings.  
2. Tree and shrub planting to be offset from security fence by 3m. (Alignment of security fence to be determined)

- Site**
- Order Limits
  - Extent of the Environmental Area
  - Substation / CSE compound (Refer to the engineering team's drawings)
  - Substation / CSE compound access (Refer to the engineering team's drawings)
  - Proposed surface water attenuation drainage pond
  - Proposed outfall alignment (Refer to the engineering team's drawings)
  - Proposed drainage outfall location (Refer to the engineering team's drawings)
  - Proposed spoil bund
  - Proposed/ existing overhead lines (refer to the engineering team's drawings)
  - Proposed underground cabling (refer to the engineering team's drawings)
  - Existing Public Right of Way

- Soft Landscape**
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Introduce supplementary tree and shrub planting
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Supplement any gaps with native hedgerow and tree species
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To provide structure to field boundaries, hedgerows and areas of proposed native scrub
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  - PV-5 Proposed Neutral Grassland  
Seed mixes to be site specific and specified at detailed design stage
  - PV-6 Emergent Marginal Planting  
Wetland seed mix around the proposed SuDs - to favour amphibians and invertebrates use of ponds

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Rev	Date	Description	Drm	Chk	App
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Scale 1:2500

0 20 40 60 80 100 120m

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**NORWICH TO TILBURY**

Client

**NATIONAL GRID**

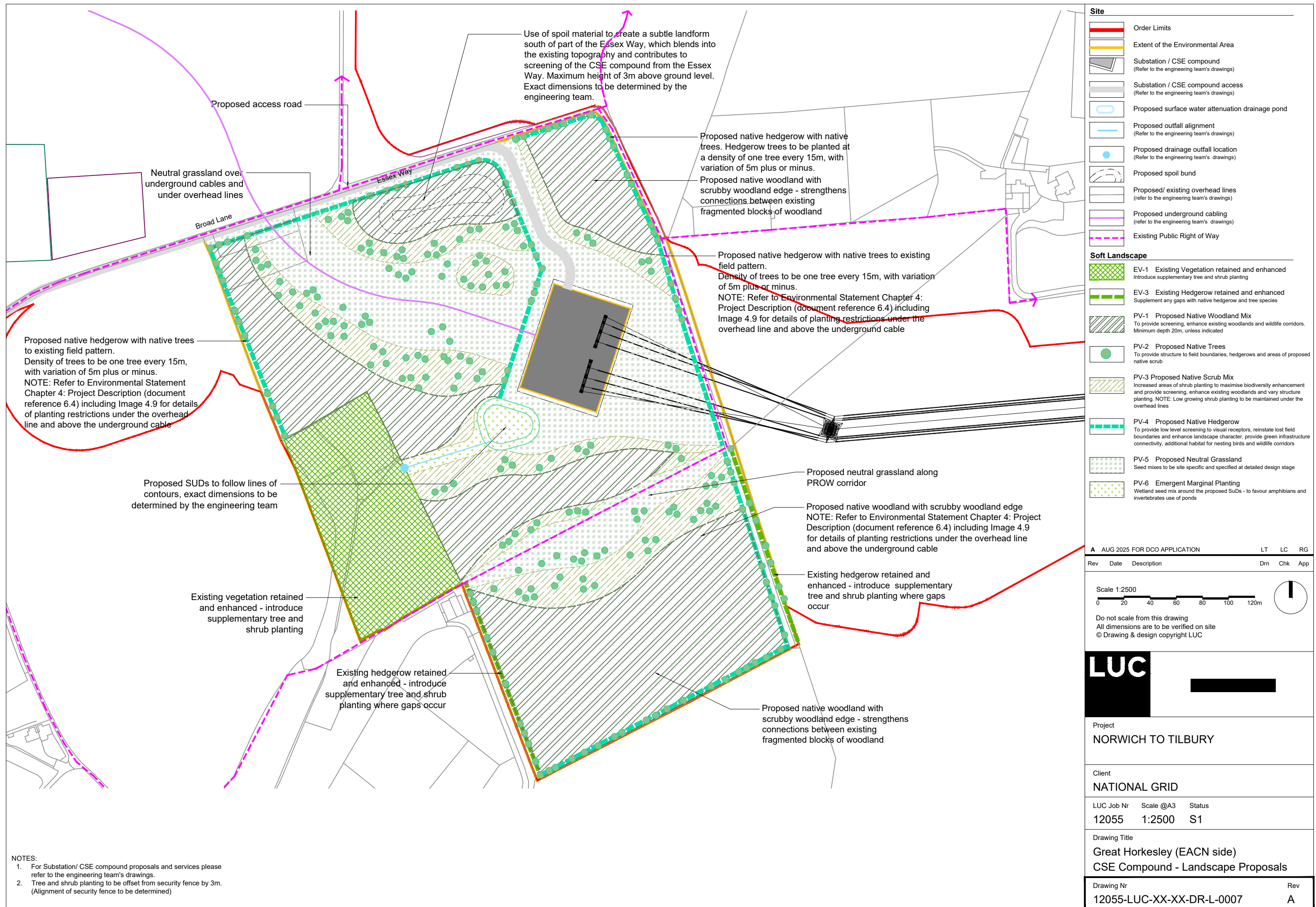
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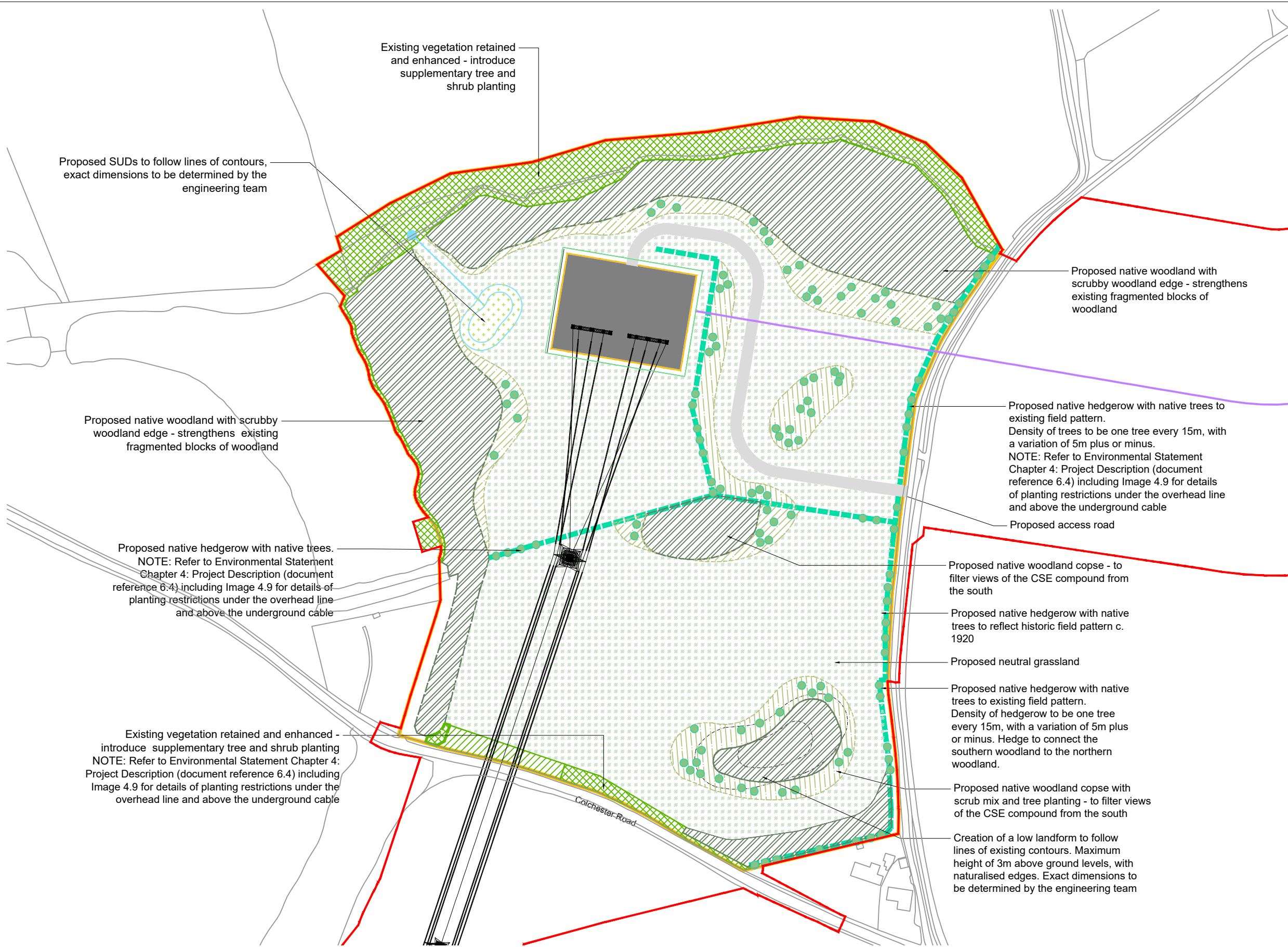
**Wenham Grove CSE Compound  
Landscape Proposals**

Drawing Nr	Rev
12055-LUC-XX-XX-DR-L-0006	A







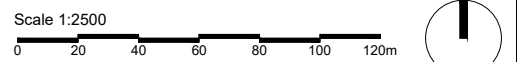


- Site**
- Order Limits
  - Extent of the Environmental Area
  - Substation / CSE compound  
(Refer to the engineering team's drawings)
  - Substation / CSE compound access  
(Refer to the engineering team's drawings)
  - Proposed surface water attenuation drainage pond
  - Proposed outfall alignment  
(Refer to the engineering team's drawings)
  - Proposed drainage outfall location  
(Refer to the engineering team's drawings)
  - Proposed spoil bund
  - Proposed/ existing overhead lines  
(refer to the engineering team's drawings)
  - Proposed underground cabling  
(refer to the engineering team's drawings)
  - Existing Public Right of Way

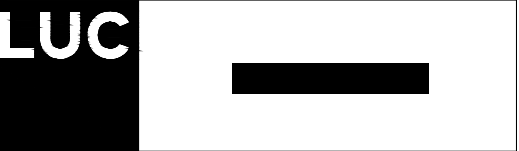
- Soft Landscape**
- EV-1 Existing Vegetation retained and enhanced  
Introduce supplementary tree and shrub planting
  - EV-2 Existing Vegetation to be managed under overhead lines - Details to be confirmed
  - EV-3 Existing Hedgerow retained and enhanced  
Supplement any gaps with native hedgerow and tree species
  - PV-1 Proposed Native Woodland Mix  
To provide screening, enhance existing woodlands and wildlife corridors. Minimum depth 20m, unless indicated
  - PV-2 Proposed Native Trees  
To provide structure to field boundaries, hedgerows and areas of proposed native scrub
  - PV-3 Proposed Native Scrub Mix  
Increased areas of shrub planting to maximise biodiversity enhancement and provide screening, enhance existing woodlands and vary structure planting. NOTE: Low growing shrub planting to be maintained under the overhead lines
  - PV-4 Proposed Native Hedgerow  
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  - PV-5 Proposed Neutral Grassland  
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  - PV-6 Emergent Marginal Planting  
Wetland seed mix around the proposed SuDs - to favour amphibians and invertebrates use of ponds

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Project  
**NORWICH TO TILBURY**

Client  
**NATIONAL GRID**

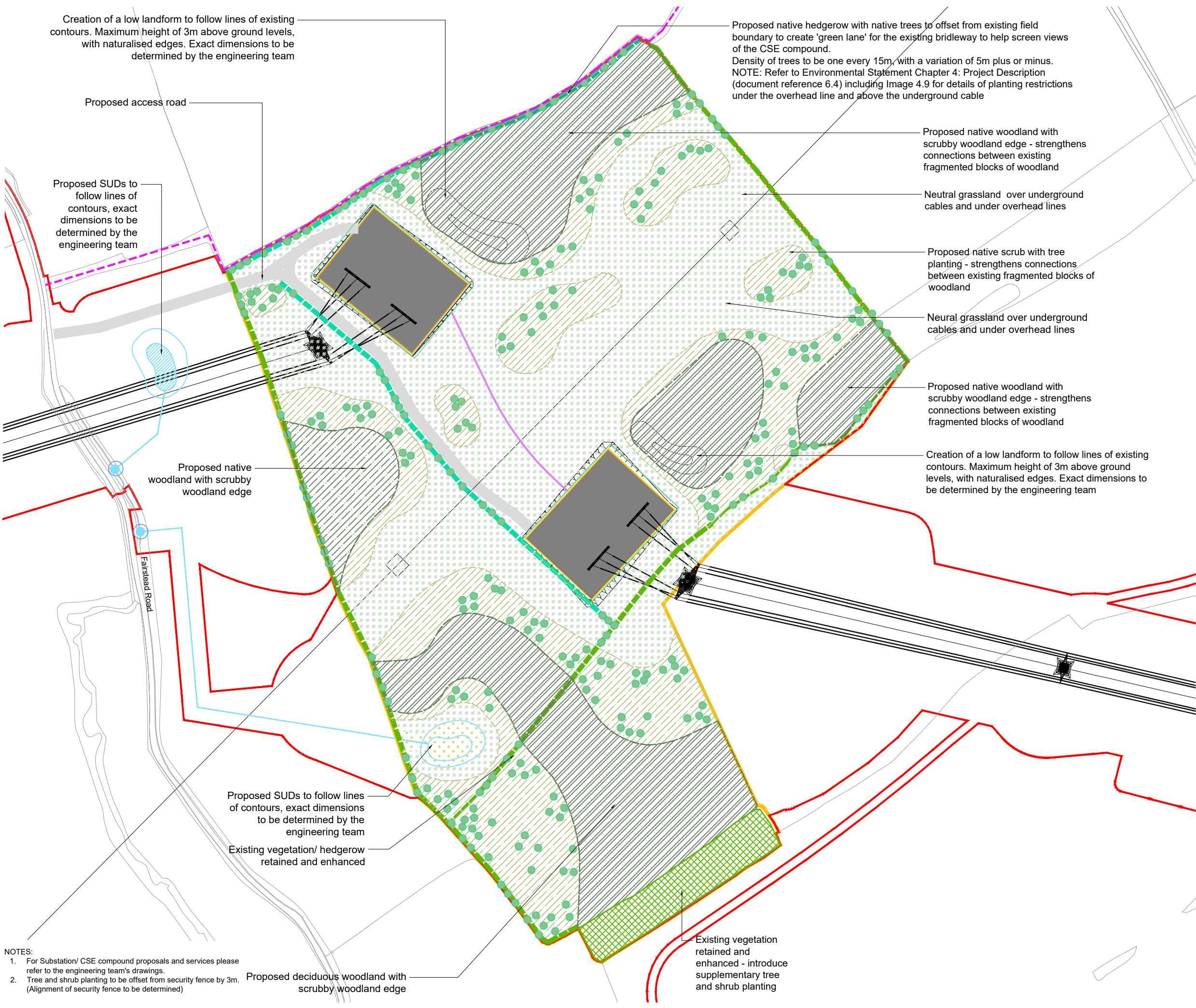
LUC Job Nr	Scale @A3	Status
12055	1:2500	S1

Drawing Title  
**Great Horkesley (Tilbury side)  
CSE Compound - Landscape Proposals**

Drawing Nr	Rev
12055-LUC-XX-XX-DR-L-0008	A

- NOTES:
- For Substation/ CSE compound proposals and services please refer to the engineering team's drawings.
  - Tree and shrub planting to be offset from security fence by 3m. (Alignment of security fence to be determined)





**Site**

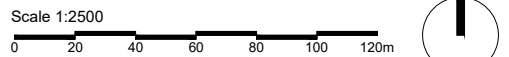
- Order Limits
- Extent of the Environmental Area
- Substation / CSE compound (Refer to the engineering team's drawings)
- Substation / CSE compound access (Refer to the engineering team's drawings)
- Proposed surface water attenuation drainage pond
- Proposed outfall alignment (Refer to the engineering team's drawings)
- Proposed drainage outfall location (Refer to the engineering team's drawings)
- Proposed spoil bund
- Proposed/ existing overhead lines (refer to the engineering team's drawings)
- Proposed underground cabling (refer to the engineering team's drawings)
- Existing Public Right of Way

**Soft Landscape**

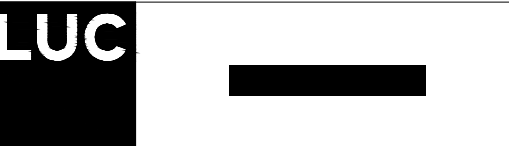
- EV-1 Existing Vegetation retained and enhanced  
Introduce supplementary tree and shrub planting
- EV-3 Existing Hedgerow retained and enhanced  
Supplement any gaps with native hedgerow and tree species
- PV-1 Proposed Native Woodland Mix  
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Wetland seed mix around the proposed SuDs - to favour amphibians and invertebrates use of ponds

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**NORWICH TO TILBURY**

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**NATIONAL GRID**

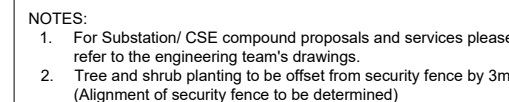
LUC Job Nr	Scale @A3	Status
12055	1:2500	S1

Drawing Title  
**Fairstead (EACN side) and Fairstead (Tilbury side) CSE Compounds- Landscape Proposals**

Drawing Nr	Rev
12055-LUC-XX-XX-DR-L-0009	A

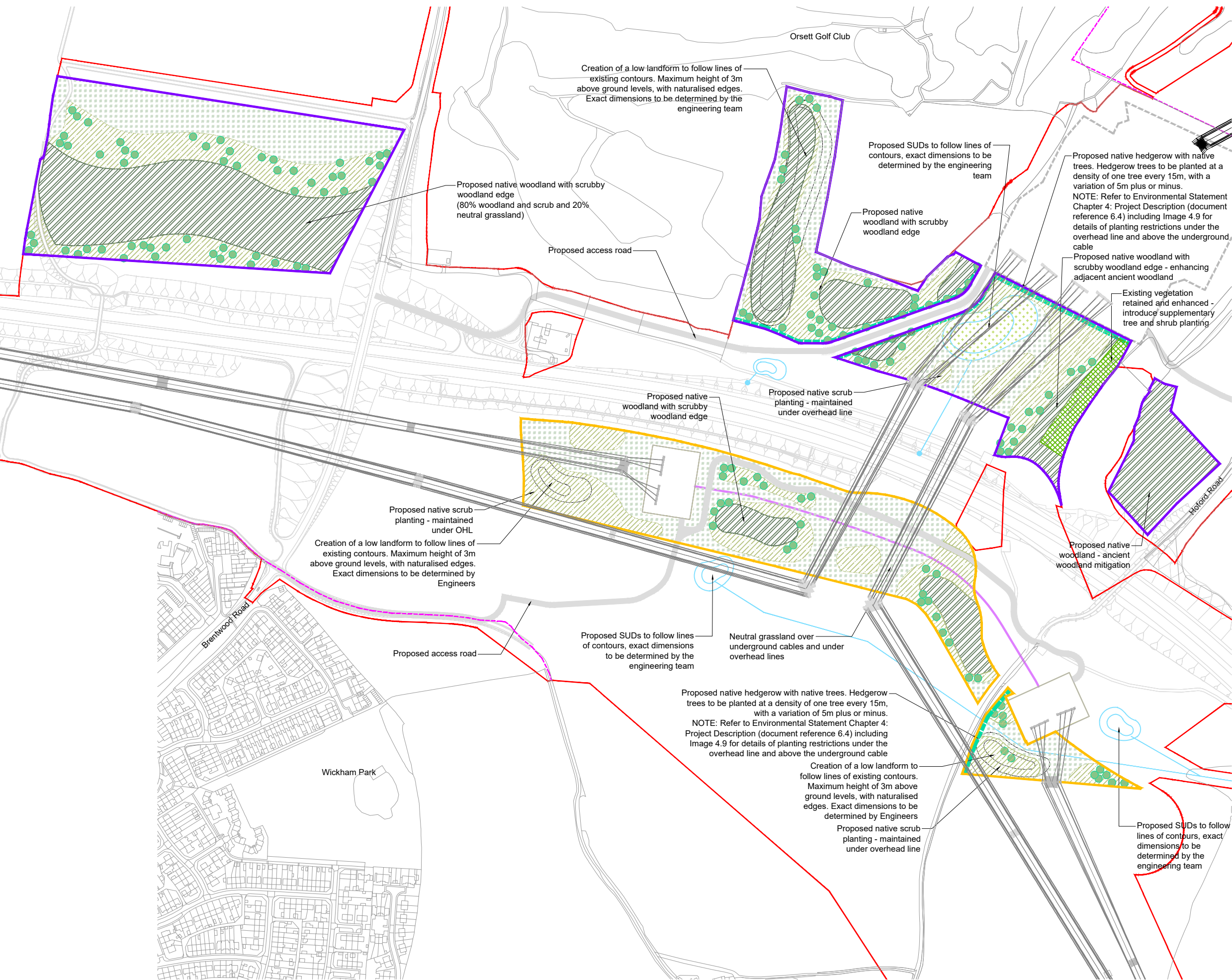
- NOTES:
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Site			
	Order Limits		
	Extent of the Environmental Area		
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	Substation / CSE compound access (Refer to the engineering team's drawings)		
	Proposed surface water attenuation drainage pond		
	Proposed outfall alignment (Refer to the engineering team's drawings)		
	Proposed drainage outfall location (Refer to the engineering team's drawings)		
	Proposed spoil bund		
	Proposed/ existing overhead lines (refer to the engineering team's drawings)		
	Proposed underground cabling (refer to the engineering team's drawings)		
	Existing Public Right of Way		
Soft Landscape			
	EV-1 Existing Vegetation retained and enhanced Introduce supplementary tree and shrub planting		
	EV-2 Existing Vegetation to be managed under overhead lines - Details to be confirmed		
	PV-1 Proposed Native Woodland Mix To provide screening, enhance existing woodlands and wildlife corridors. Minimum depth 20m, unless indicated		
	PV-2 Proposed Native Trees To provide structure to field boundaries, hedgerows and areas of proposed native scrub		
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	PV-6 Emergent Marginal Planting Wetland seed mix around the proposed SuDs - to favour amphibians and invertebrates use of ponds		
<b>A AUG 2025 FOR DCO APPLICATION</b>		LT	LC RG
Rev	Date	Description	Drn Chk App
<p>Scale 1:5000</p> <p>Do not scale from this drawing All dimensions are to be verified on site © Drawing &amp; design copyright LUC</p>			
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Project			
NORWICH TO TILBURY			
Client			
NATIONAL GRID			
LUC Job Nr	Scale @A3	Status	
12055	1:5000	S1	
Drawing Title			
Tilbury North substation and CSE compounds (without LTC) Landscape Proposals			
Drawing Nr			Rev
12055-LUC-XX-XX-DR-L-0011			A





Site

Order Limits

Extent of the Environmental Area

Environmental Mitigation

Substation / CSE compound  
(Refer to the engineering team's drawings)

Substation / CSE compound access  
(Refer to the engineering team's drawings)

Proposed surface water attenuation drainage pond

Proposed outfall alignment  
(Refer to the engineering team's drawings)

Proposed drainage outfall location  
(Refer to the engineering team's drawings)

Proposed spoil bund

Proposed/ existing overhead lines  
(refer to the engineering team's drawings)

Proposed underground cabling  
(refer to the engineering team's drawings)

Existing Public Right of Way

Soft Landscape

EV-1 Existing Vegetation retained and enhanced  
Introduce supplementary tree and shrub planting

PV-1 Proposed Native Woodland Mix  
To provide screening, enhance existing woodlands and wildlife corridors.  
Minimum depth 20m, unless indicated

PV-2 Proposed Native Trees  
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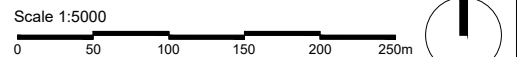
AUG 2025 FOR DCO APPLICATION

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Project	NORWICH TO TILBURY		
Client	NATIONAL GRID		
LUC Job Nr	Scale @A3	Status	
12055	1:5000	S1	
Drawing Title	Tilbury North substation and CSE compounds (with LTC) Landscape Proposals		
Drawing Nr	12055-LUC-XX-XX-DR-L-0012		Rev
		A	

- NOTES:
1. For Substation/ CSE compound proposals and services please refer to the engineering team's drawings.

2. Tree and shrub planting to be offset from security fence by 3m. (Alignment of security fence to be determined)