

Table 1: Hedge Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	1 + 1	100 - 125cm	Bare Root	Double staggered row @ 0.45m ctrs	30%
<i>Corylus avellana</i> (Hazel)	Transplant	1 + 1	60 - 80cm	Bare Root	Double staggered row @ 0.45m ctrs	10%
<i>Prunus padus</i> (Bird Cherry)	Transplant	1 + 1	80 - 100cm	Bare Root	Double staggered row @ 0.45m ctrs	10%
<i>Prunus spinosa</i> (Blackthorn)	Transplant	1 + 1	100 - 125cm	Bare Root	Double staggered row @ 0.45m ctrs	20%
<i>Ilex aquifolium</i> (Holly)			60 - 80cm	3Lt Pot	Double staggered row @ 0.45m ctrs	15%
<i>Sambucus nigra</i> (Elder)	Transplant	1 + 1	60 - 80cm	Bare Root	Double staggered row @ 0.45m ctrs	10%
<i>Malus sylvestris</i> (Crab Apple)	Transplant	1 + 1	60 - 80cm	Bare Root	Double staggered row @ 0.45m ctrs	5%

Table 2: Mitigation Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Alnus glutinosa</i> (Alder)	Standard	2x transplanted	3.0m minimum	Rootballed	6.0m centres	5%
<i>Betula pubescens</i> (Birch)	Standard	2x transplanted	3.0m minimum	Rootballed	6.0m centres	5%
<i>Crataegus monogyna</i> (Hawthorn)	Transplant	1 + 1	80 - 100cm	Bare Root	1.0m centres	25%
<i>Corylus avellana</i> (Hazel)	Transplant	1 + 1	40 - 60cm	Bare Root	1.0m centres	5%
<i>Ilex aquifolium</i> (Holly)			40 - 60cm	2Lt Pot	1.0m centres	15%
<i>Ligustrum vulgare</i> (Wild Privet)			60 - 80cm	3Lt Pot	1.0m centres	20%
<i>Viburnum opulus</i>	Transplant	1 + 2	60 - 80cm	Bare Root	1.0m centres	5%
<i>Prunus spinosa</i> (Blackthorn)	Transplant	1 + 1	60 - 80cm	Bare Root	1.0m centres	15%
<i>Salix caprea</i>	Transplant	0/2	125-150cm	Bare Root	1.0m centres	5%

NOTES

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- PLANNING APPLICATION BOUNDARY (OUTSIDE LINE DENOTES BOUNDARY)
- ACCESS TRACK
- FENCING
- GATE (FENCE)
- INDICATIVE SOLAR PV ARRAY
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- HARDSTAND
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- TEMPORARY CONSTRUCTION COMPOUND
- CCTV
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- SITE ENTRANCE
- SITE ENTRANCE - VISIBILITY SPY
- UNDERGROUND CABLE
- DIRECTIONAL DRILLING
- EXCLUSION AREA
- HDD LAYDOWN WORKING AREA
- Existing vegetation blocks (outside site boundary)
- Existing trees to be retained
- Existing sections of hedgerow to be removed to facilitate site access visibility requirements
- Sections of existing hedgerow to be relocated to rear of visibility splay and augmented
- Existing Hedgerows within site boundary to be retained and managed to 3 / 4m height
- Existing Hedgerow within applicants control to be managed to 3 / 4m height
- Proposed Standard Tree planting within existing and proposed hedge planting comprised of *Alnus glutinosa*, *Betula Spp.*, *Sorbus Spp.* and *Fagus sylvatica*
- Proposed New Native Hedgerow planting comprised of locally appropriate species (refer Table 1 on this sheet)
- Proposed Mitigation planting comprised of locally appropriate tree and shrub species (refer Table 2 on this sheet)

C	Mitigation proposals revised	SA	Feb.'24
B	Mitigation proposals revised	SA	Jan.'24
A	Mitigation proposals revised	SA	Oct.'23
rev	amendments	check	date

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Project

Proposed Solar Farm
Magheralin

Title

Landscape Mitigation Plan
(Overall)

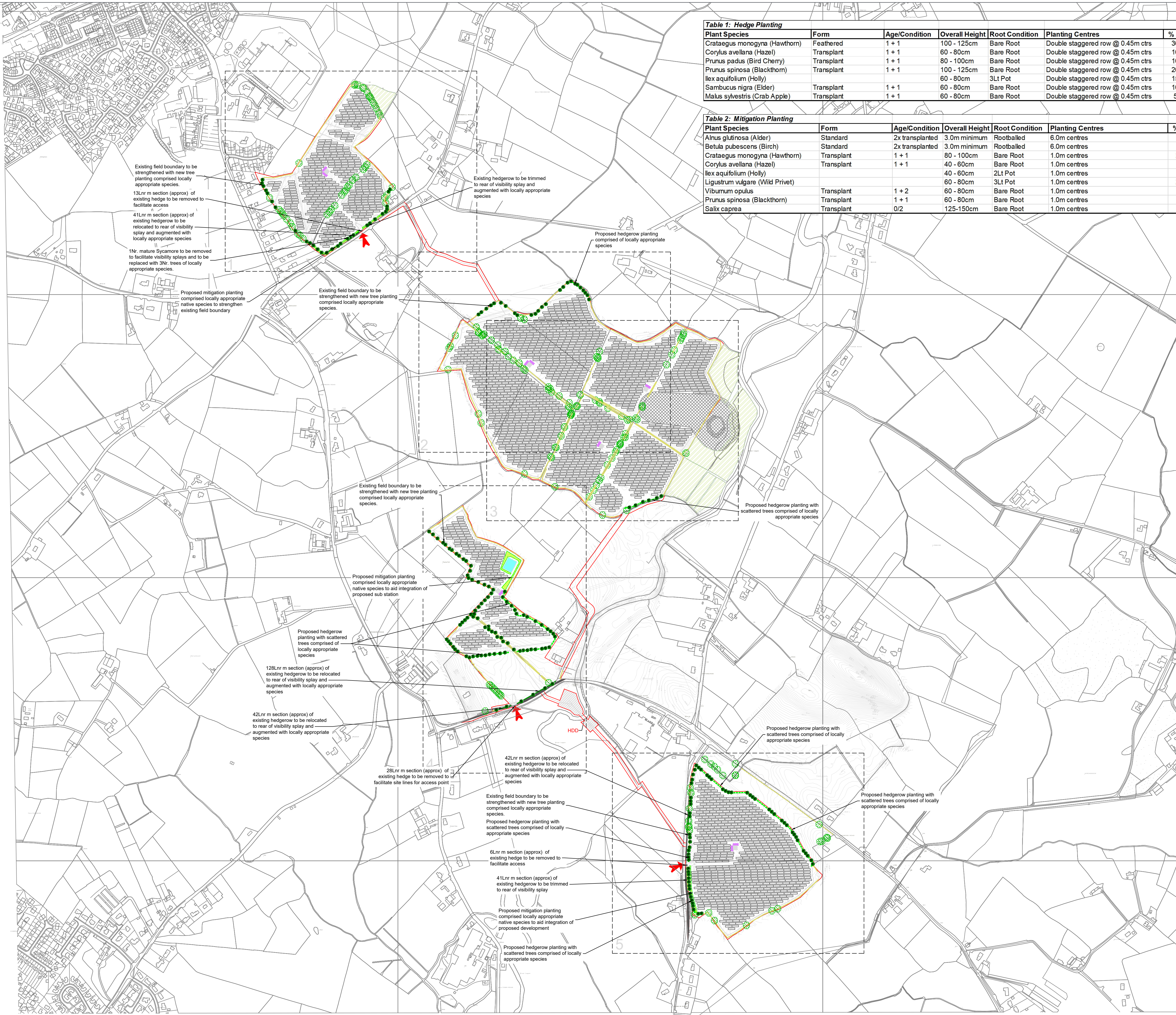
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NI2702	A1	1:5000

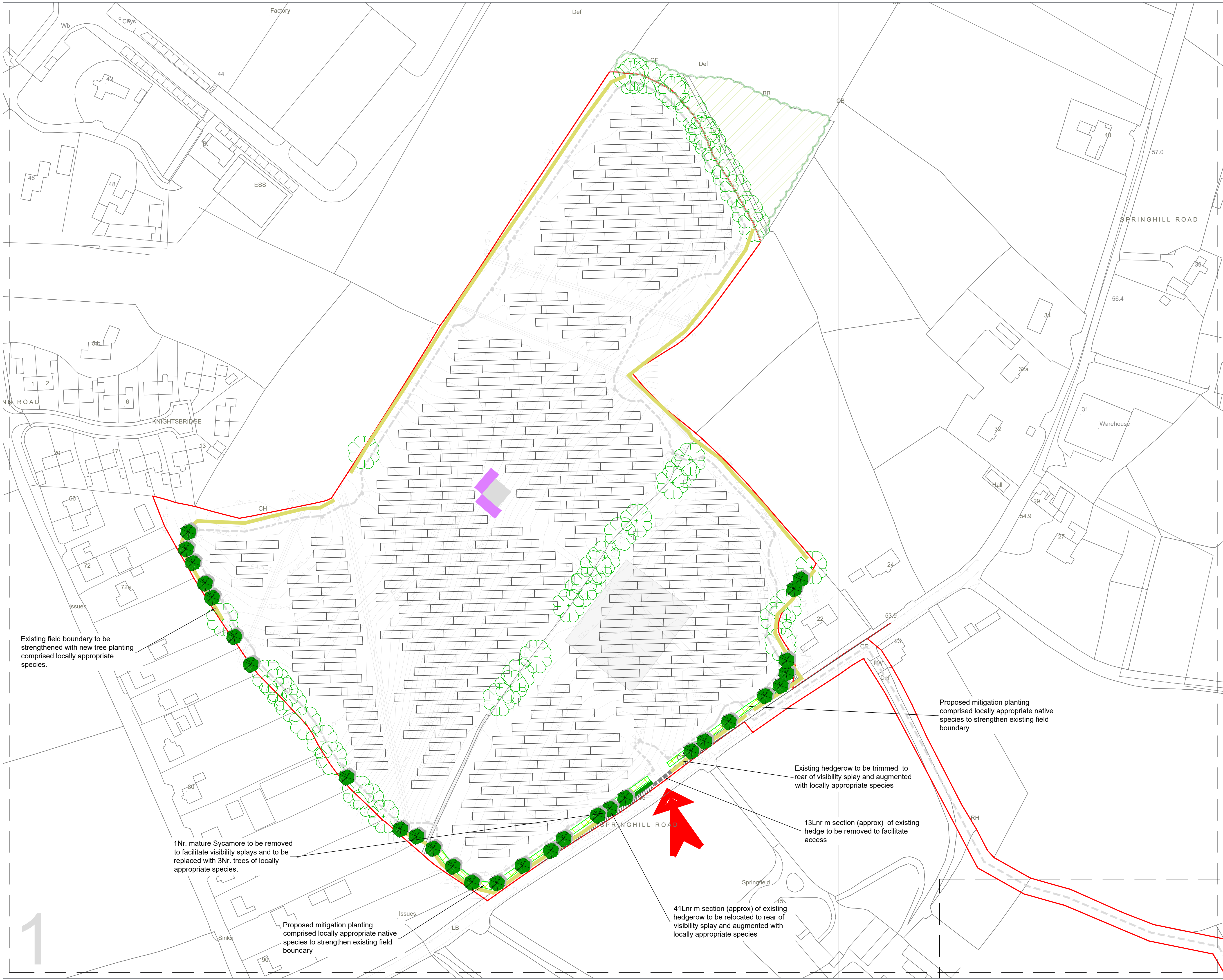
Drawing Number

2702.5.01

Drawn By	Status	Revision
SA	PLANNING	C

Checked By	Approved By	Date
PMcK	RH	12/10/2023





NOTES

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- Proposed New Native Hedgerow planting comprised of locally appropriate species (refer Table 1 on Dwg 2702.5.01)
- Proposed Mitigation planting comprised of locally appropriate tree and shrub species (refer Table 2 on Dwg 2702.5.01)

Existing field boundary to be strengthened with new tree planting comprised locally appropriate species.

1Nr. mature Sycamore to be removed to facilitate visibility splays and to be replaced with 3Nr. trees of locally appropriate species.

Proposed mitigation planting comprised locally appropriate native species to strengthen existing field boundary

Proposed mitigation planting comprised locally appropriate native species to strengthen existing field boundary

Existing hedgerow to be trimmed to rear of visibility splay and augmented with locally appropriate species

13Lnr m section (approx) of existing hedge to be removed to facilitate access

41Lnr m section (approx) of existing hedgerow to be relocated to rear of visibility splay and augmented with locally appropriate species

rev	amendments	check	date
B	Mitigation proposals revised	SA	Jan.'24
A	Mitigation proposals revised	SA	Oct.'23

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Project
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 Magheralin

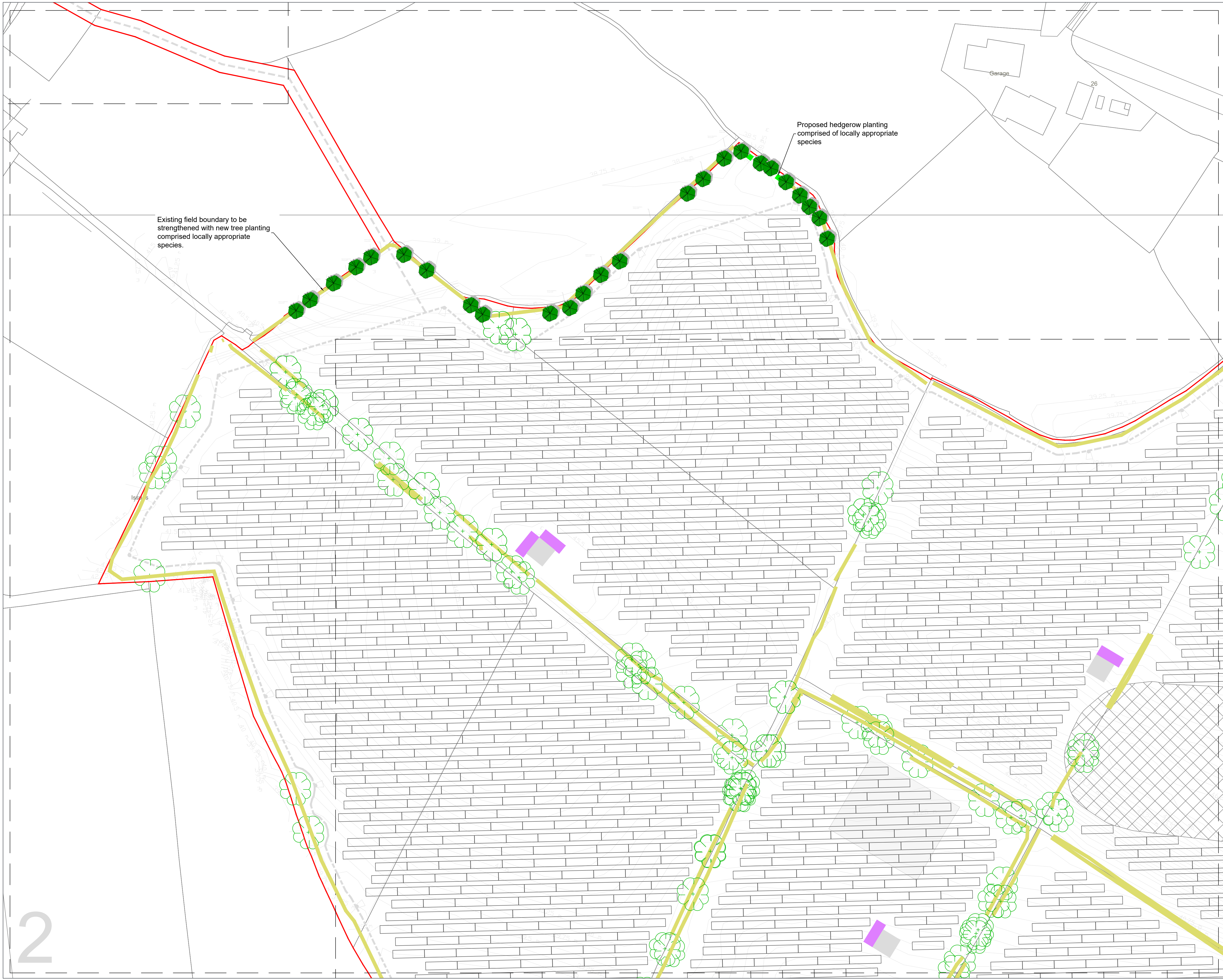
Title
 Landscape Mitigation Plan
 (Sheet 1 of 5)

Project Number	Sheet Size	Drawing Scale
NI2702	A1	1:1000

Drawing Number
2702.5.02

Drawn By	Status	Revision
SA	PLANNING	C

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PMcK	RH	12/10/2023



NOTES

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B	Mitigation proposals revised	SA	Jan '24
A	Mitigation proposals revised	SA	Oct '23
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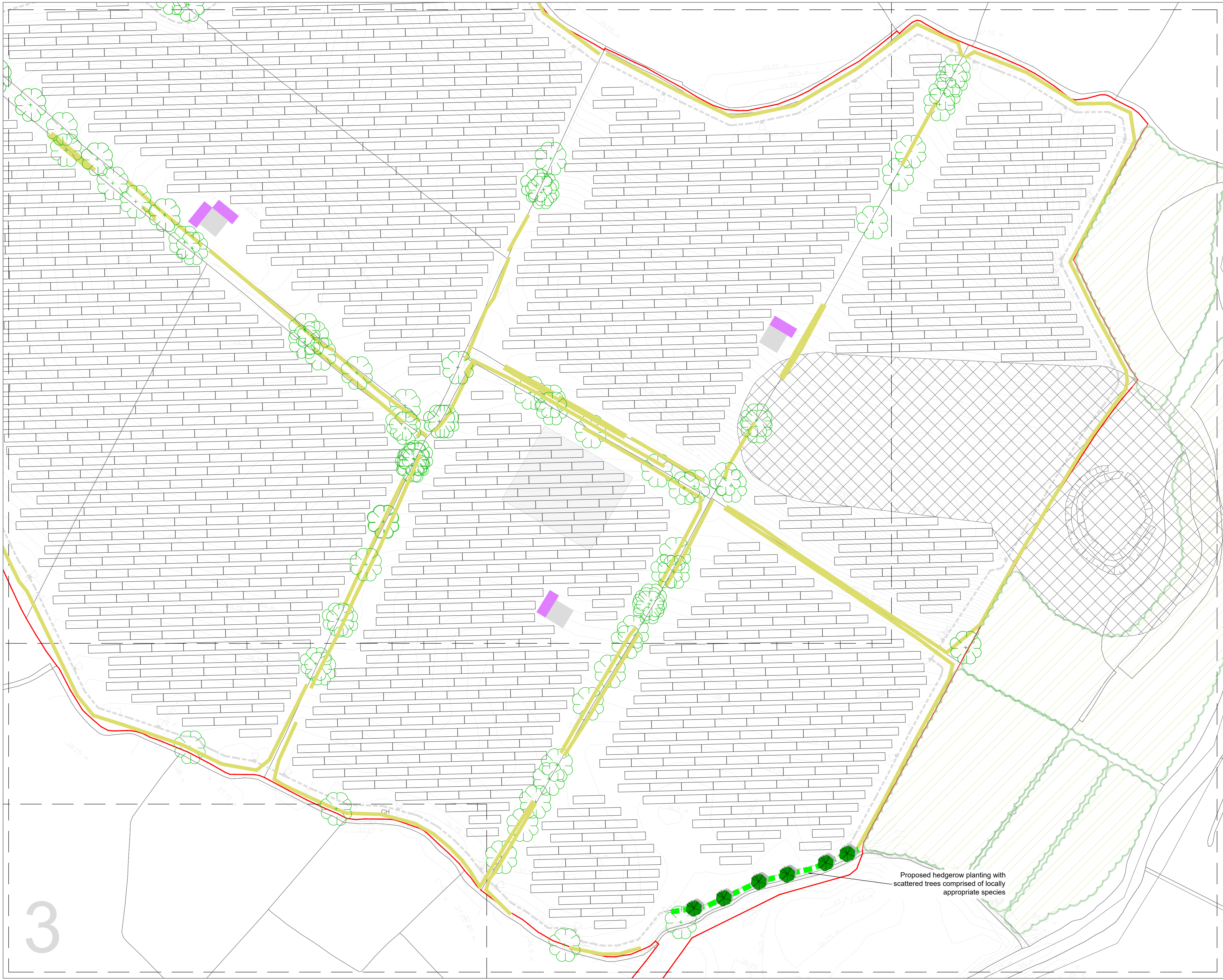
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Landscape Mitigation Plan
(Sheet 2 of 5)

Project Number	Sheet Size	Drawing Scale
NI2702	A1	1:1000

Drawing Number
2702.5.03

Drawn By	Status	Revision
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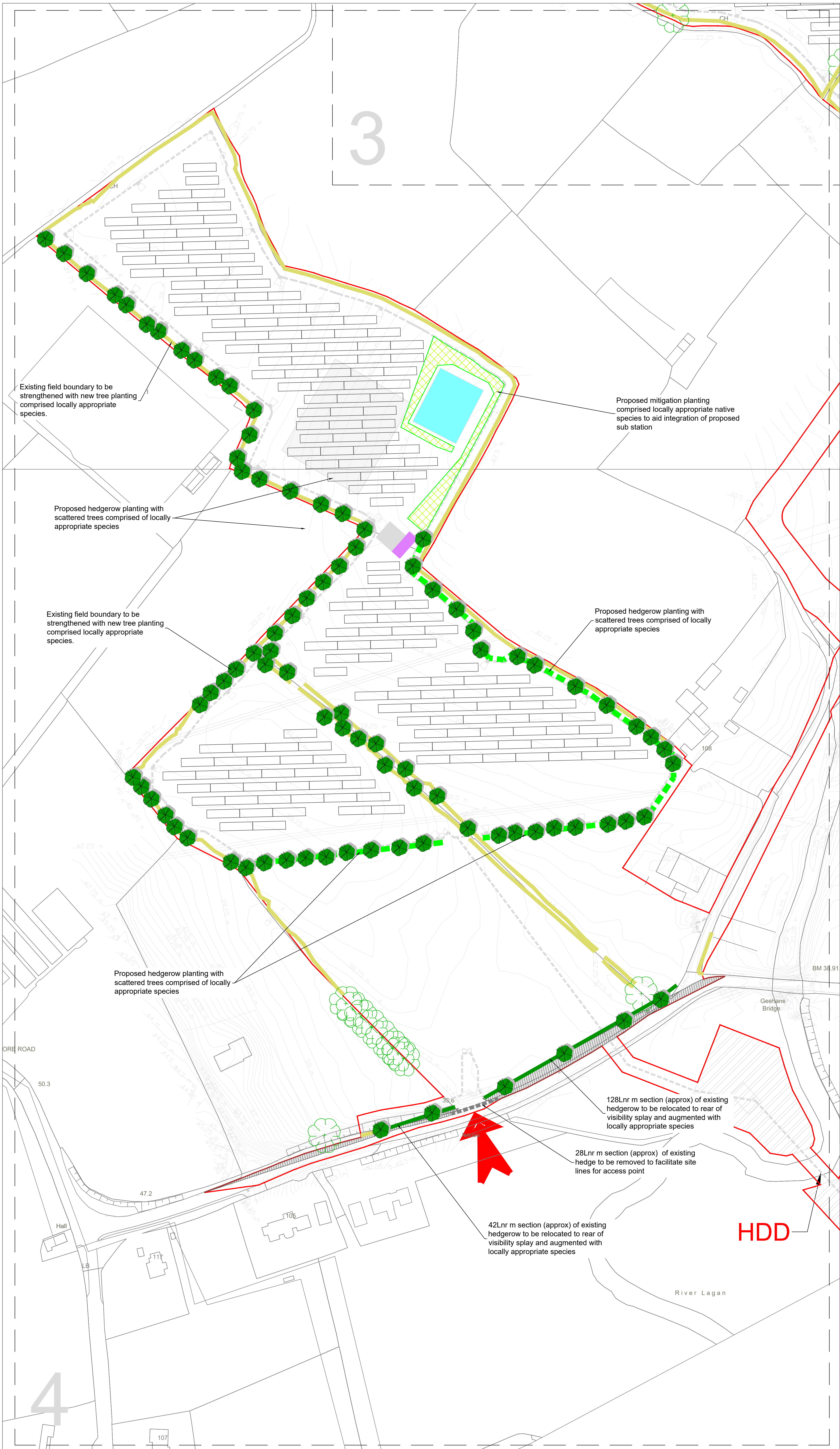
Project
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 Title
 Landscape Mitigation Plan
 (Sheet 3 of 5)

Project Number	Sheet Size	Drawing Scale
NI2702	A1	1:1000

Drawing Number
2702.5.04

Drawn By	Status	Revision
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- NOTES**
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 4. Datum.

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Existing field boundary to be strengthened with new tree planting comprised locally appropriate species.

Proposed mitigation planting comprised locally appropriate native species to aid integration of proposed sub station

Proposed hedgerow planting with scattered trees comprised of locally appropriate species

Proposed hedgerow planting with scattered trees comprised of locally appropriate species

Existing field boundary to be strengthened with new tree planting comprised locally appropriate species.

Proposed hedgerow planting with scattered trees comprised of locally appropriate species

128Lnr m section (approx) of existing hedgerow to be relocated to rear of visibility splay and augmented with locally appropriate species

28Lnr m section (approx) of existing hedge to be removed to facilitate site lines for access point

42Lnr m section (approx) of existing hedgerow to be relocated to rear of visibility splay and augmented with locally appropriate species

HDD

rev	amendments	check	date

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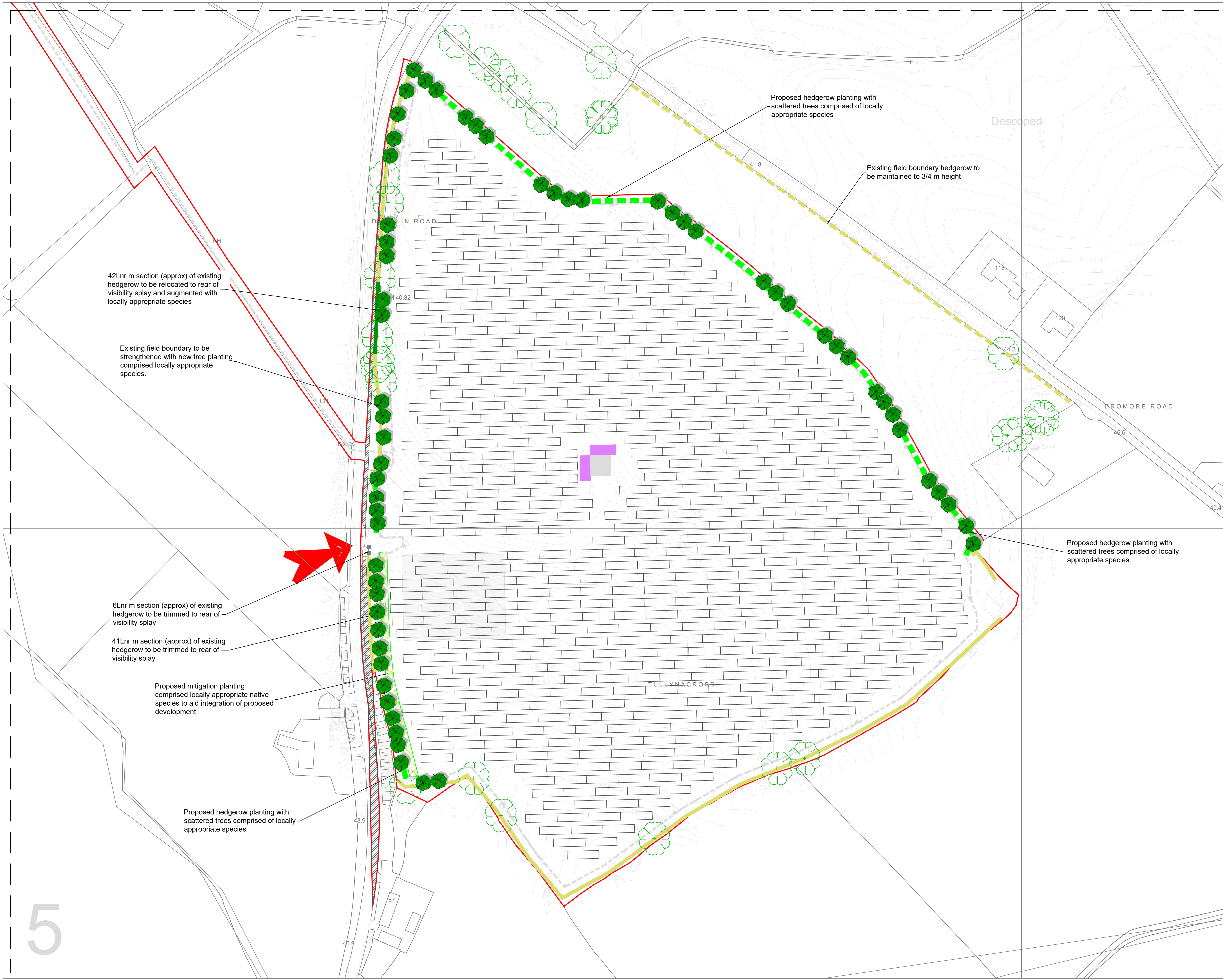
Project
Proposed Solar Farm
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Title
Landscape Mitigation Plan
(Sheet 4 of 5)

Project Number NI2702	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2702.5.05

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Checked By PMcK	Approved By RH	Date 12/10/2023
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B	Mitigation proposals revised	SA	Jan '24
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(Sheet 5 of 5)

Project Number	Sheet Size	Drawing Scale
NI2702	A1	1:1000

Drawing Number
2702.5.06

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