

Table 1: Hedge Planting

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	2 + 3	250cm min	Bare Root	Double staggered row @ 0.50m ctrs	25%
<i>Corylus avellana</i> (Hazel)	Feathered	2 + 3	250cm min	Bare Root	Double staggered row @ 0.50m ctrs	10%
<i>Prunus padus</i> (Bird Cherry)	Feathered	2 + 3	250cm min	Bare Root	Double staggered row @ 0.50m ctrs	10%
<i>Prunus spinosa</i> (Blackthorn)	Feathered	2 + 3	250cm min	Bare Root	Double staggered row @ 0.50m ctrs	15%
<i>Pinus sylvestris</i> (Scots Pine)	Transplant	3x Transplanted	150 - 190cm	Root balled	Double staggered row @ 0.50m ctrs	15%
<i>Ilex aquifolium</i> (Holly)	Transplant	3x Transplanted	150 - 190cm	Root balled	Double staggered row @ 0.50m ctrs	15%
<i>Sambucus nigra</i> (Elder)	Feathered	2 + 3	250cm min	Bare Root	Double staggered row @ 0.50m ctrs	5%
<i>Malus sylvestris</i> (Crab Apple)	Feathered	2 + 3	250cm min	Bare Root	Double staggered row @ 0.50m 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)	Feathered	2+3	250cm min	Bare Root	1.0m centres	20%
<i>Corylus avellana</i> (Hazel)	Feathered	2 + 3	250cm min	Bare Root	1.0m centres	5%
<i>Ilex aquifolium</i> (Holly)	Transplant	3x Transplanted	150 - 190cm	Root balled	1.0m centres	15%
<i>Pinus sylvestris</i> (Scots Pine)	Transplant	3x Transplanted	150 - 190cm	Root balled	1.0m centres	10%
<i>Ligustrum vulgare</i> (Wild Privet)	Transplant	3x transplanted	125-150	Root balled	1.0m centres	20%
<i>Viburnum opulus</i>	Transplant	1 + 2	60 - 80cm	Bare Root	1.0m centres	5%
<i>Prunus spinosa</i> (Blackthorn)	Feathered	2+3	250cm min	Bare Root	1.0m centres	10%
<i>Salix caprea</i>	Transplant	0/2	125-150cm	Bare Root	1.0m centres	5%

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G	Layout & Mitigation proposals revised	SA	Dec.'24
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rev	amendments	check	date

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Project

Proposed Solar Farm
Magheralin

Title

Landscape Mitigation Plan
(Overall)

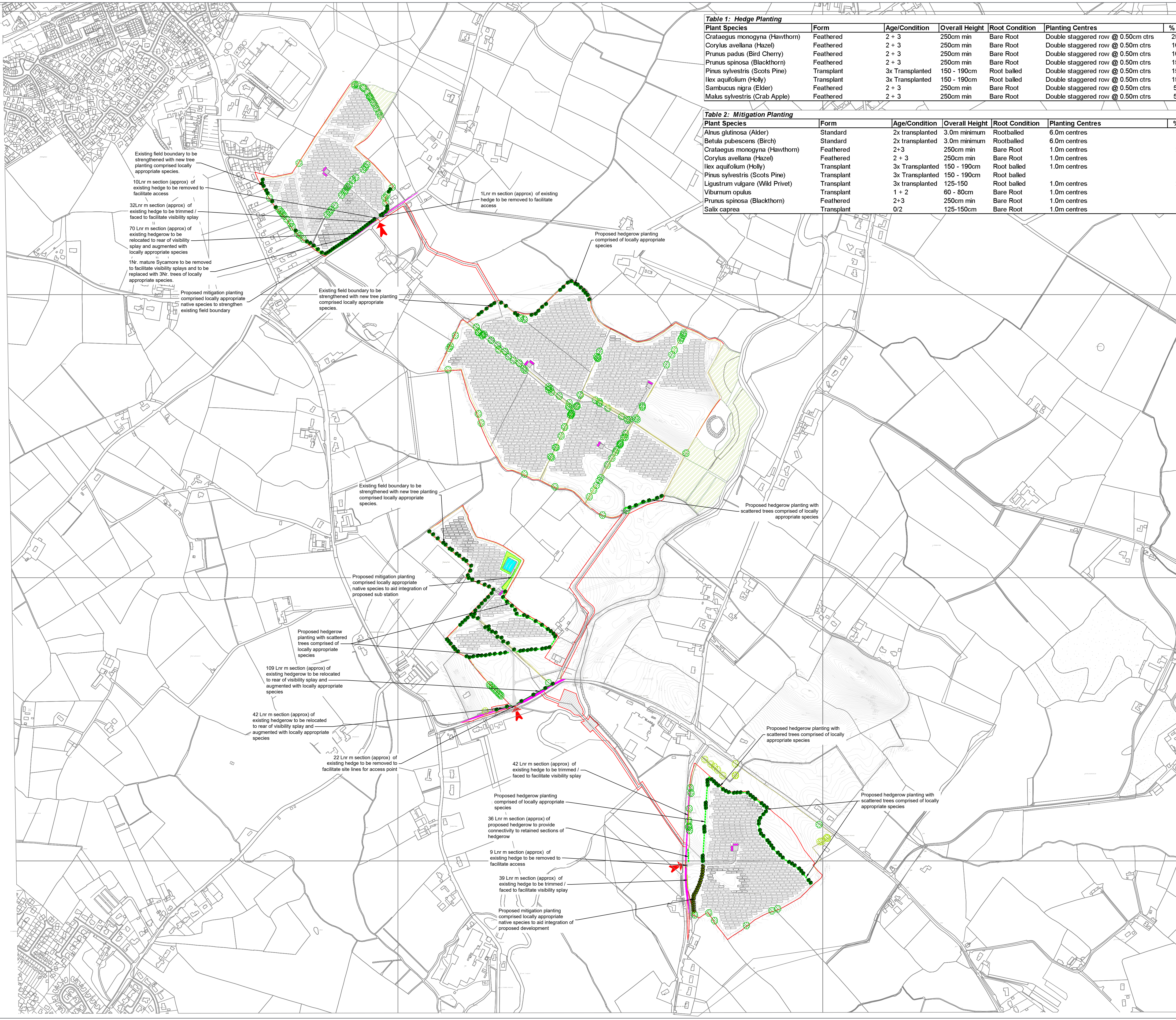
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NI2702	A1	1:5000

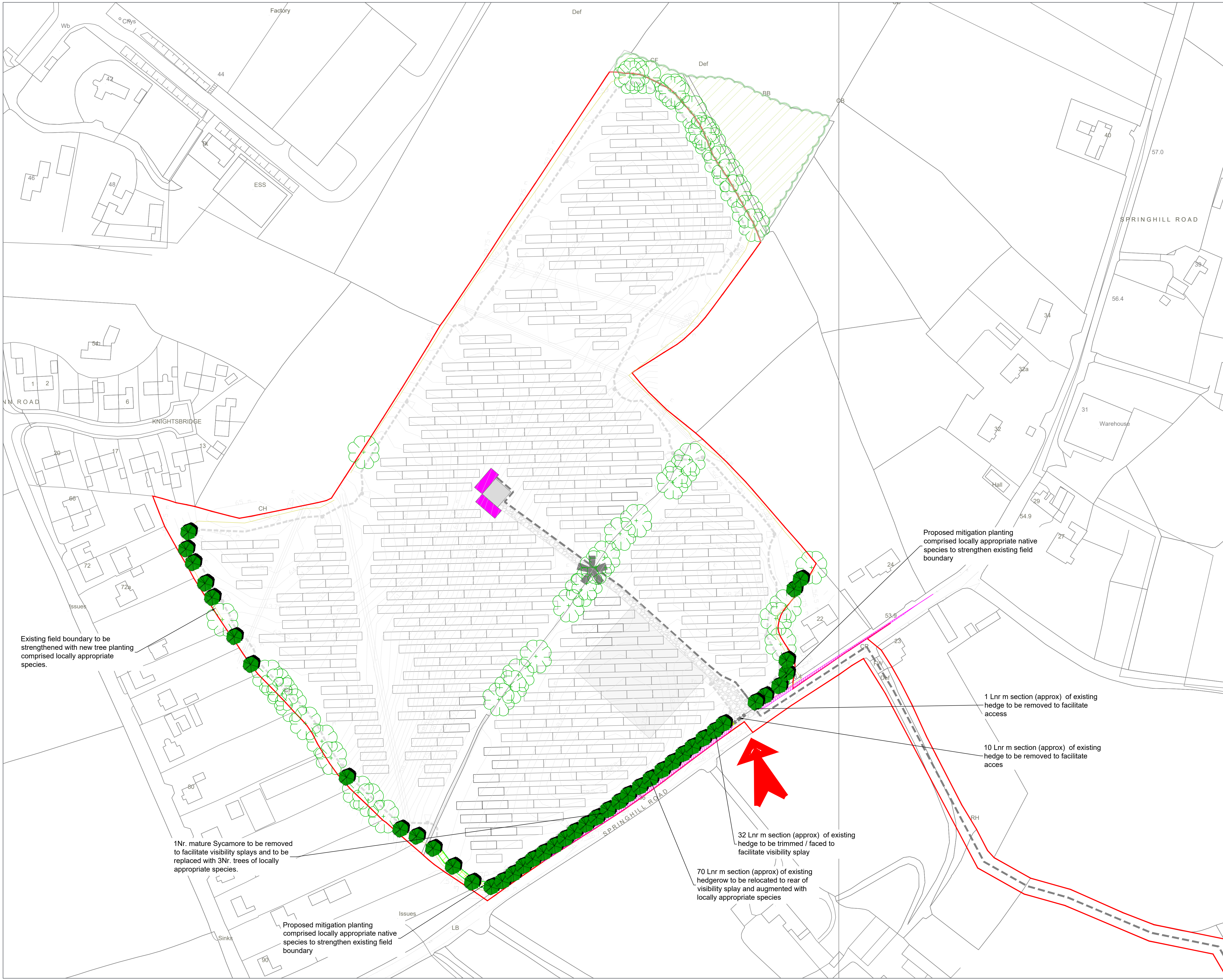
Drawing Number

2702.5.01

Drawn By	Status	Revision
SA	PLANNING	G

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





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Project
Proposed Solar Farm Magheralin

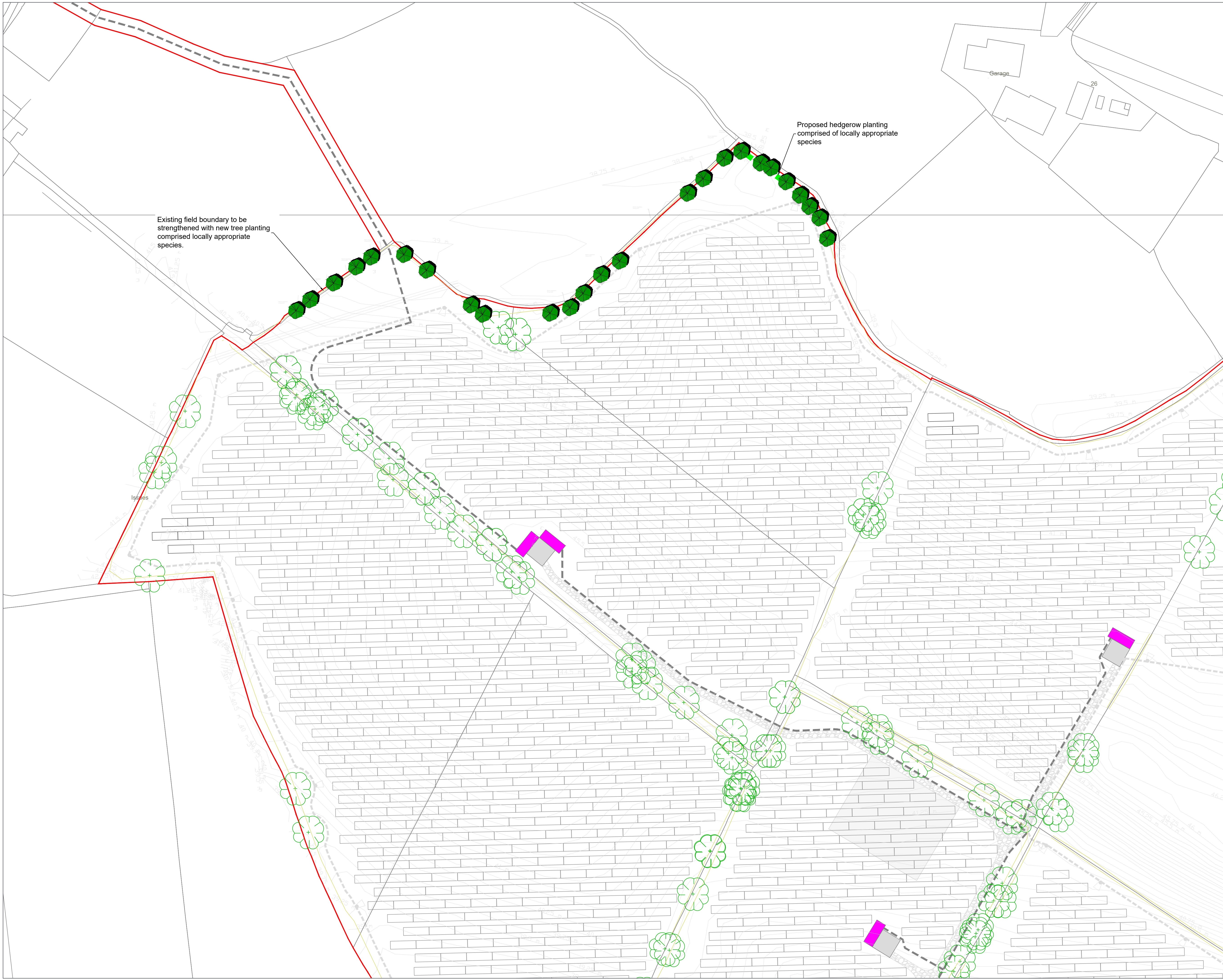
Title
Landscape Mitigation Plan (Sheet 1 of 5)

Project Number NI2702	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2702.5.02

Drawn By SA	Status PLANNING	Revision G
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Checked By PMcK	Approved By RH	Date 12/10/2023
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Project
 Proposed Solar Farm
 Magheralin

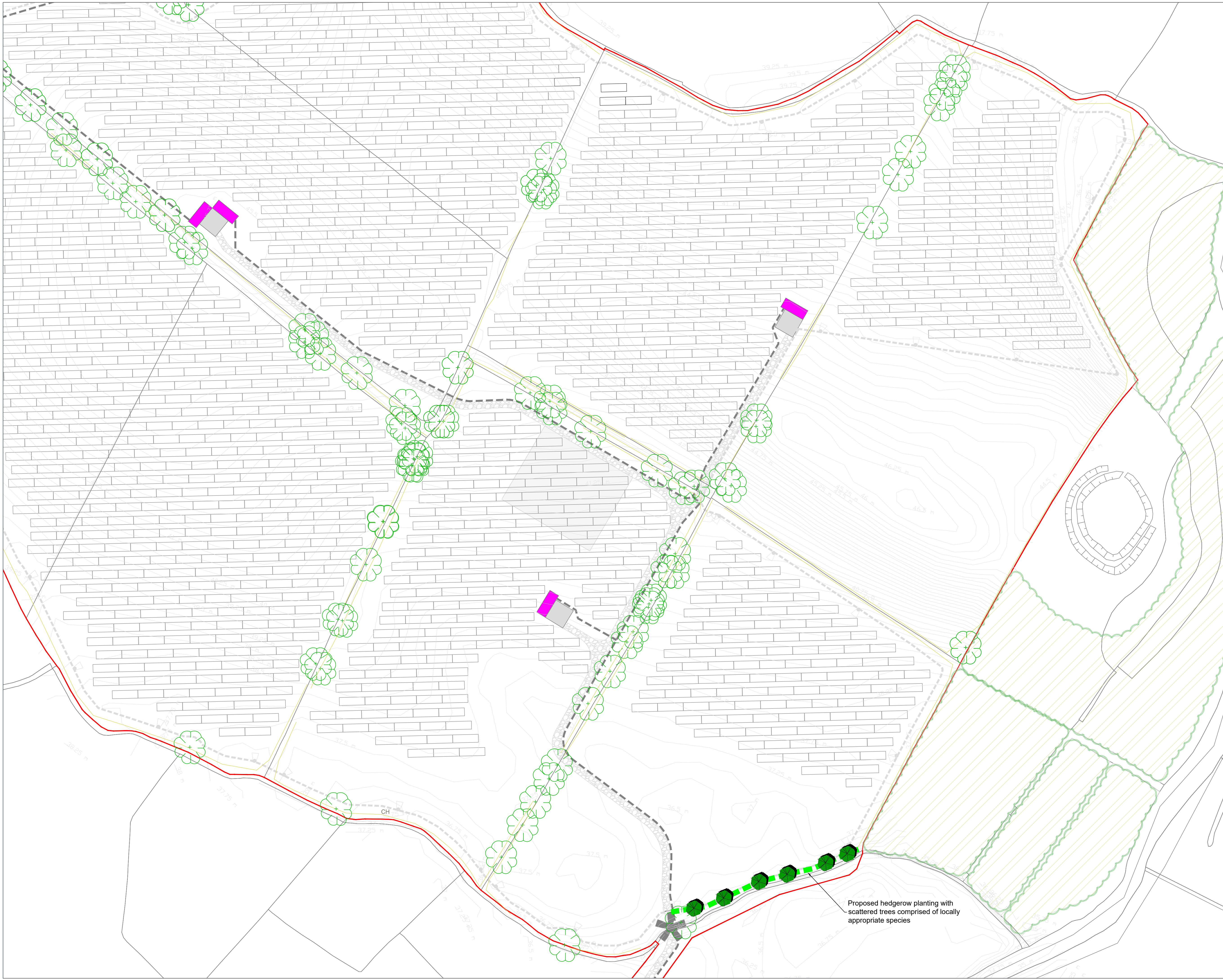
Title
 Landscape Mitigation Plan
 (Sheet 2 of 5)

Project Number	Sheet Size	Drawing Scale
NI2702	A1	1:1000

Drawing Number
2702.5.03

Drawn By	Status	Revision
SA	PLANNING	G

Checked By	Approved By	Date
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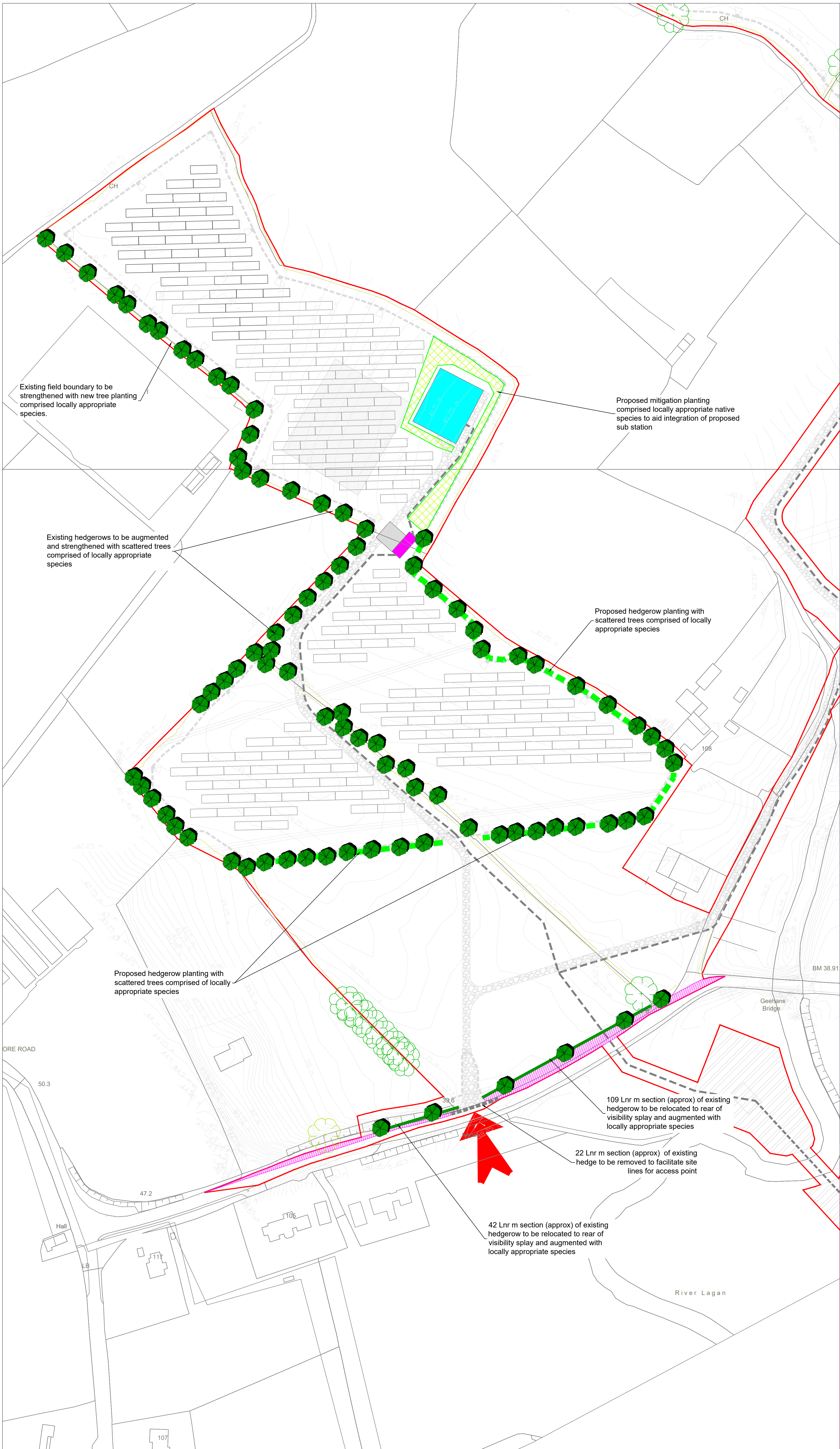
Project
**Proposed Solar Farm
 Magheralin**
 Title
**Landscape Mitigation Plan
 (Sheet 3 of 5)**

Project Number NI2702	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2702.5.04

Drawn By SA	Status PLANNING	Revision G
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Checked By PMcK	Approved By RH	Date 12/10/2023
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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

Existing hedgerows to be augmented and strengthened with scattered trees comprised of locally appropriate species

Proposed hedgerow planting with scattered trees comprised of locally appropriate species

Proposed hedgerow planting with scattered trees comprised of locally appropriate species

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

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

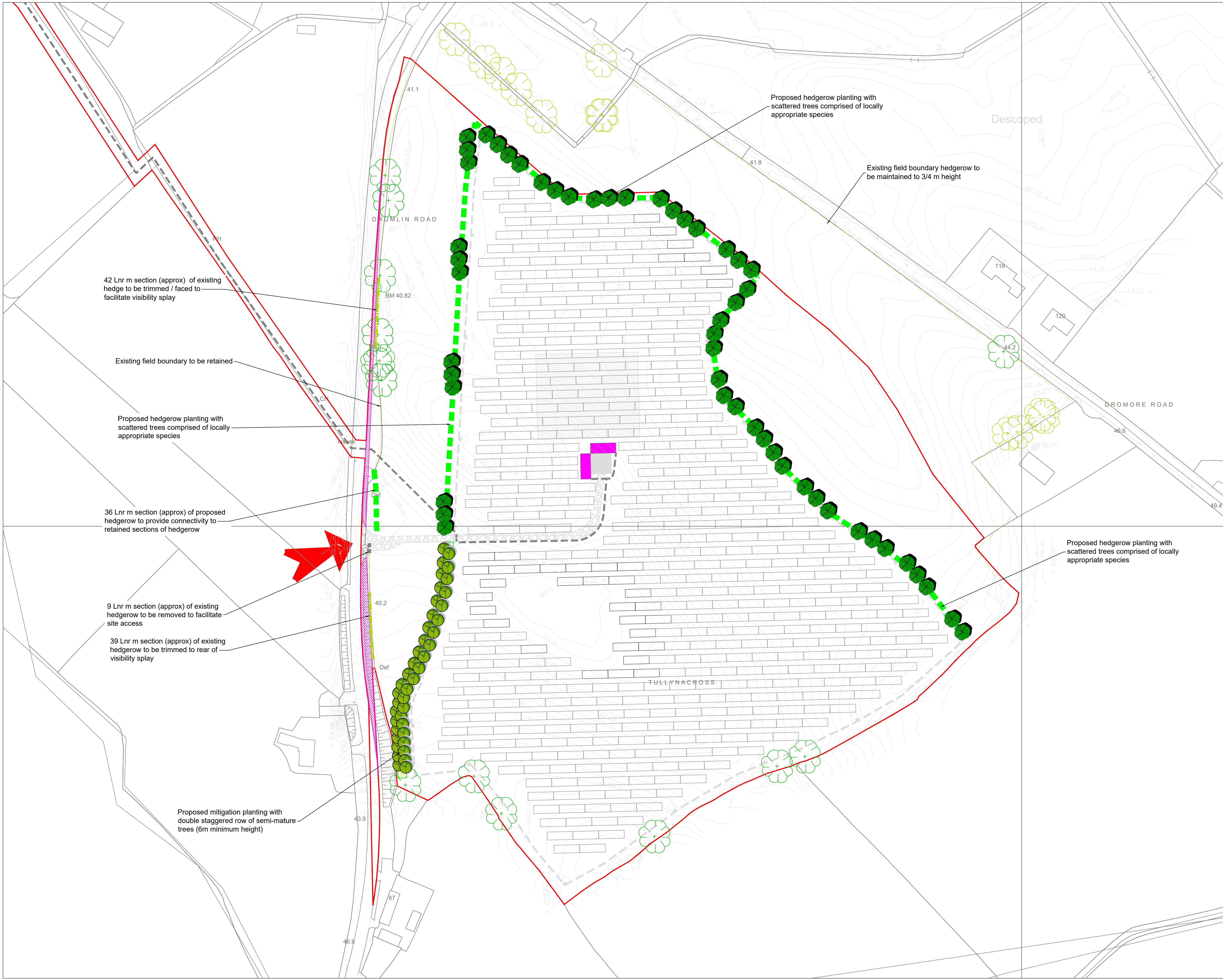
42 Lnr m section (approx) of existing hedgerow to be relocated to rear of visibility splay and augmented with locally appropriate species

G	Layout & Mitigation proposals revised	SA	Dec.'24
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Project Proposed Solar Farm Magheralin		
Title Landscape Mitigation Plan (Sheet 4 of 5)		
Project Number NI2702	Sheet Size A1	Drawing Scale 1:1000
Drawing Number 2702.5.05		
Drawn By SA	Status PLANNING	Revision G
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Title
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 (Sheet 5 of 5)

Project Number	Sheet Size	Drawing Scale
NI2702	A1	1:1000

Drawing Number
2702.5.06

Drawn By	Status	Revision
SA	PLANNING	G

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