

Plant Species	Form / Habit	Transplanted	Height (m)	Girth	Clear Stem (m)	Root Condition
<i>Acer campestre</i> (Field Maple)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Alnus glutinosa</i> (Alder)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Betula pubescens</i> (Birch)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Fagus sylvatica</i> (Beech)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Populus tremula</i> (Aspen)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Prunus avium</i> (Cherry)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Juglans regia</i> (Walnut)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Quercus robur</i> (Oak)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root
<i>Sorbus aucuparia</i> (Rowan)	Standard	2x	2.5 - 3.0	8 - 10	1.75 - 2.0	Bare root

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Acer campestre</i> (Field Maple)	Feathered	2x transplanted	1.75 - 2.0	Bare root	4m	2%
<i>Fagus sylvatica</i> (Beech)	Feathered	2x transplanted	1.75 - 2.0	Bare root	4m	2%
<i>Populus tremula</i> (Aspen)	Feathered	2x transplanted	1.75 - 2.0	Bare root	4m	2%
<i>Prunus avium</i> (Cherry)	Feathered	2x transplanted	1.75 - 2.0	Bare root	4m	2%
<i>Quercus robur</i> (Oak)	Feathered	2x transplanted	1.75 - 2.0	Bare root	4m	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	12%
<i>Ligustrum vulgare</i> (Wild Privet)			60 - 80cm	3Lt Pot	1.0m centres	20%
<i>Viburnum opulus</i> (Guelder Rose)	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> (Goat Willow)	Transplant	0/2	125-150cm	Bare Root	1.0m centres	5%

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Crataegus monogyna</i> (Hawthorn)	Transplant	1 + 1	80 - 100cm	Bare Root	1.0m centres	20%
<i>Corylus avellana</i> (Hazel)	Transplant	1 + 1	40 - 60cm	Bare Root	1.0m centres	14%
<i>Ilex aquifolium</i> (Holly)			40 - 60cm	2Lt Pot	1.0m centres	12%
<i>Prunus spinosa</i> (Blackthorn)	Transplant	1 + 1	60 - 80cm	Bare Root	1.0m centres	20%
<i>Sambucus nigra</i> (Elder)	Transplant	1 + 2	60 - 80cm	Bare Root	1.0m centres	14%
<i>Viburnum opulus</i> (Guelder Rose)	Transplant	1 + 2	60 - 80cm	Bare Root	1.0m centres	20%

Plant Species	Form	Age/Condition	Overall Height	Root Condition	Planting Centres	% Mix
<i>Acer campestre</i> (Field Maple)	Feathered	2x transplanted	1.75 - 2.0	Bare root	Double staggered row @ 0.45m ctrs	2%
<i>Prunus avium</i> (Cherry)	Feathered	2x transplanted	1.75 - 2.0	Bare root	Double staggered row @ 0.45m ctrs	4%
<i>Quercus robur</i> (Oak)	Feathered	2x transplanted	1.75 - 2.0	Bare root	Double staggered row @ 0.45m ctrs	4%
<i>Crataegus monogyna</i> (Hawthorn)	Feathered	1 + 1	100 - 125cm	Bare Root	Double staggered row @ 0.45m ctrs	25%
<i>Corylus avellana</i> (Hazel)	Transplant	1 + 1	60 - 80cm	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)	Transplant	1 + 1	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	10%

Maintenance - Trimmed at 3.5m height

Seedling Rate (g/m ²)	6	Total Area (m ²)
Wildflowers	%	Seed weight (g)
<i>Achillea millefolium</i> (Yarrow)	0.3	
<i>Agrimonia eupatoria</i> (Agrimony)	0.5	
<i>Betonica officinalis</i> (Stachys officinalis/Betony)	0.2	
<i>Centaurea nigra</i> (Common Knapsweed)	1.5	
<i>Centaurea scabiosa</i> (Greater Knapsweed)	0.5	
<i>Cnicus latifolius</i> (Crosswort)	1.0	
<i>Daucus carota</i> (Wild Carrot)	1.0	
<i>Echium vulgare</i> (Viper's bugloss)	0.1	
<i>Filipendula ulmaria</i> (Meadowsweet)	0.5	
<i>Galium album</i> (Galium mollugo/Hedge Bedstraw)	0.5	
<i>Galium verum</i> (Lad's Bedstraw)	0.5	
<i>Geranium pratense</i> (Meadow Cranesbill)	0.2	
<i>Knautia arvensis</i> (Field Scabious)	1.0	
<i>Leontodon hispidus</i> (Rough Hawkbit)	0.2	
<i>Leucanthemum vulgare</i> (Oxeye Daisy - Moon Daisy)	1.5	
<i>Lotus corniculatus</i> (Bird's-foot-trefoil)	0.1	
<i>Malva moschata</i> (Musk Mallow)	1.0	
<i>Medicago lupulina</i> (Black Medick)	0.5	
<i>Origanum vulgare</i> (Wild Marjoram)	0.1	
<i>Pastinaca sativa</i> (Wild Parsnip)	0.4	
<i>Plantago lanceolata</i> (Ribwort Plantain)	1.5	
<i>Poterium sanguisorba</i> (Sanguisorba minor/Salad Burnet)	1.0	
<i>Primula veris</i> (Cowslip)	0.2	
<i>Prunella vulgaris</i> (Selfheal)	2.0	
<i>Ranunculus acris</i> (Meadow Buttercup)	1.5	
<i>Ranunculus bulbosus</i> (Bulbous Buttercup)	0.2	
<i>Rhinanthus minor</i> (Yellow Rattle)	1.0	
<i>Rumex acetosa</i> (Common Sorrel)	0.2	
<i>Salix villosa</i> (Beeper Salix/Salix)	0.1	
<i>Silene vulgaris</i> (Bladder Campion)	0.5	
<i>Taraxacum officinale</i> (Upright Hedge-parsley)	0.1	
<i>Tragopogon pratensis</i> (Goat's Beard)	0.1	
Grasses		
<i>Agrostis capillaris</i> (Common Bent)	8	
<i>Cynosurus cristatus</i> (Crested Dogtail)	28	
<i>Festuca rubra</i> (Red Fescue)	24	
<i>Phleum bertolonii</i> (Smaller Cat's-tail)	4	
<i>Poa pratensis</i> (Smooth-stalked Meadow-grass)	16	
Total Weight (g)		0

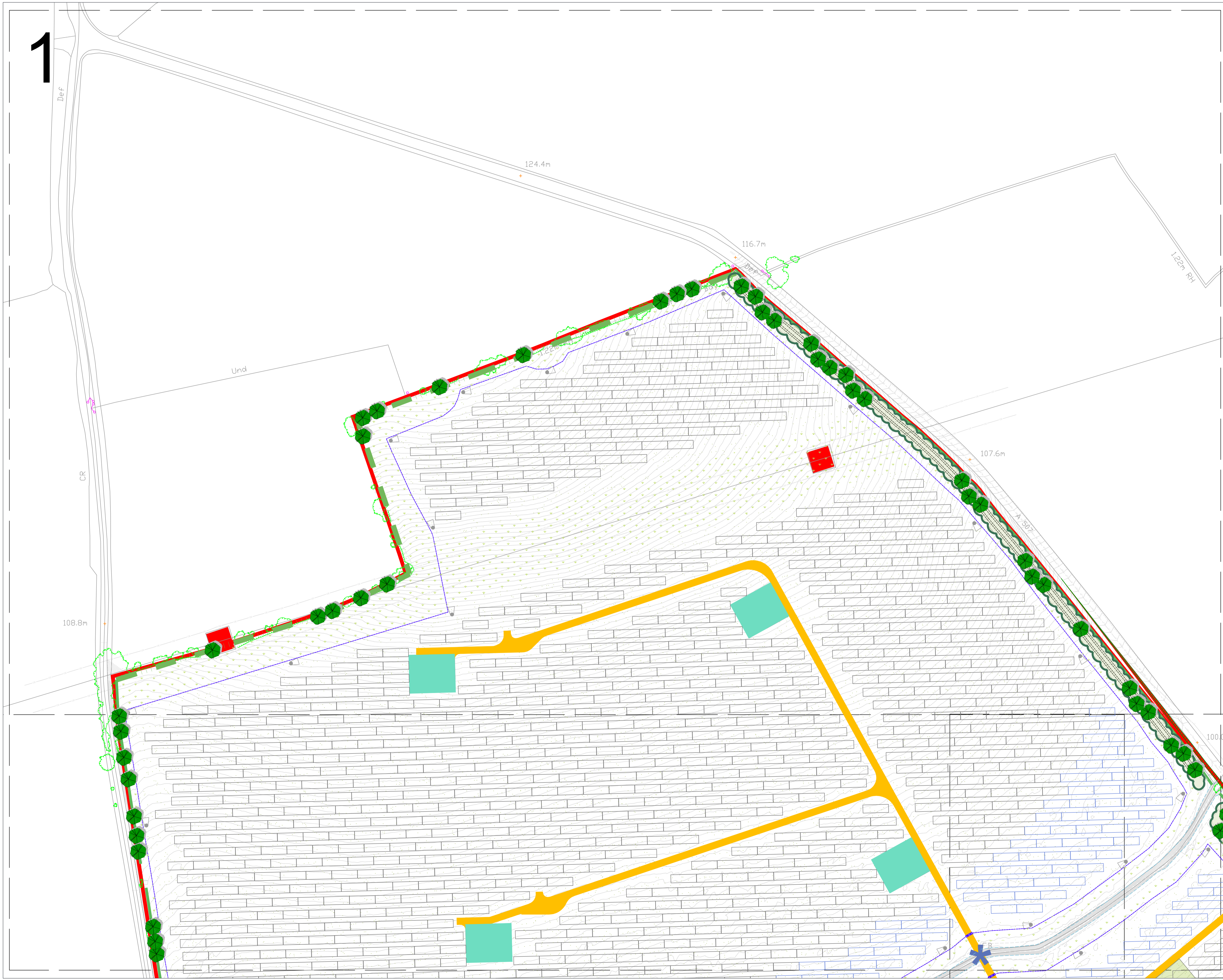
Seedling Rate (kg/acre)	16	Total Area (m ²)
Wildflowers	%	Seed weight (g)
<i>Achillea millefolium</i> (Yarrow)	1.0	
<i>Cichorium intybus</i> (Chicory)	1.0	
<i>Onobrychis viciifolia</i> (Sainfoin)	4.0	
<i>Pteriselinum crispum</i> (Sheeps Parsley)	1.5	
<i>Plantago lanceolata</i> (Ribwort Plantain)	1.5	
<i>Poterium sanguisorba</i> (Sanguisorba minor/Salad Burnet)	1.0	
Grasses		
<i>Cynosurus cristatus</i> (Crested Dogtail)	10	
<i>Dactylis glomerata</i> (Cocksfoot)	7	
<i>Festuca rubra</i> (Red Fescue)	20	
<i>Lolium perenne</i> (Perennial Ryegrass)	29	
<i>Lolium pratense</i> (Meadow Fescue)	10	
<i>Phleum bertolonii</i> (Smaller Cat's-tail)	5	
<i>Poa pratensis</i> (Smooth-stalked Meadow-grass)	7	
<i>Trifolium pratense</i> (Red Clover)	2	
Total Weight (g)		0



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 - Proposed areas of Grassland seeding (refer Table 6 on Dwg 2747.5.01)
 - Proposed mounding (1.5 to 2.0m overall height)

rev	amendments	check	date
<p>Client</p>			
<p>Project</p> <p>Beane Solar Farm</p>			
<p>Title</p> <p>Landscape Mitigation Plan (Overall)</p>			
Project Number	Sheet Size	Drawing Scale	
N12747	A0	1:2500@A0	
Drawing Number			
2747.5.01			
Drawn By	Status	Revision	
SA	INFORMATION	G	
Checked By	Approved By	Date	
PMcK		30/07/2024	

1



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Project
 Beane Solar Farm

Title
 Landscape Mitigation Plan
 (Sheet 1 of 6)

Project Number NI2747	Sheet Size A1	Drawing Scale 1:1000
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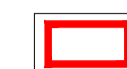




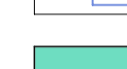



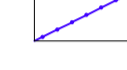
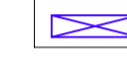

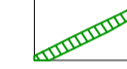


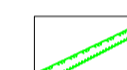



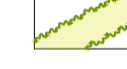
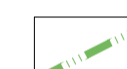


Drawing Number
2747.5.02

Drawn By SA	Status INFORMATION	Revision G
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Project
Beane Solar Farm

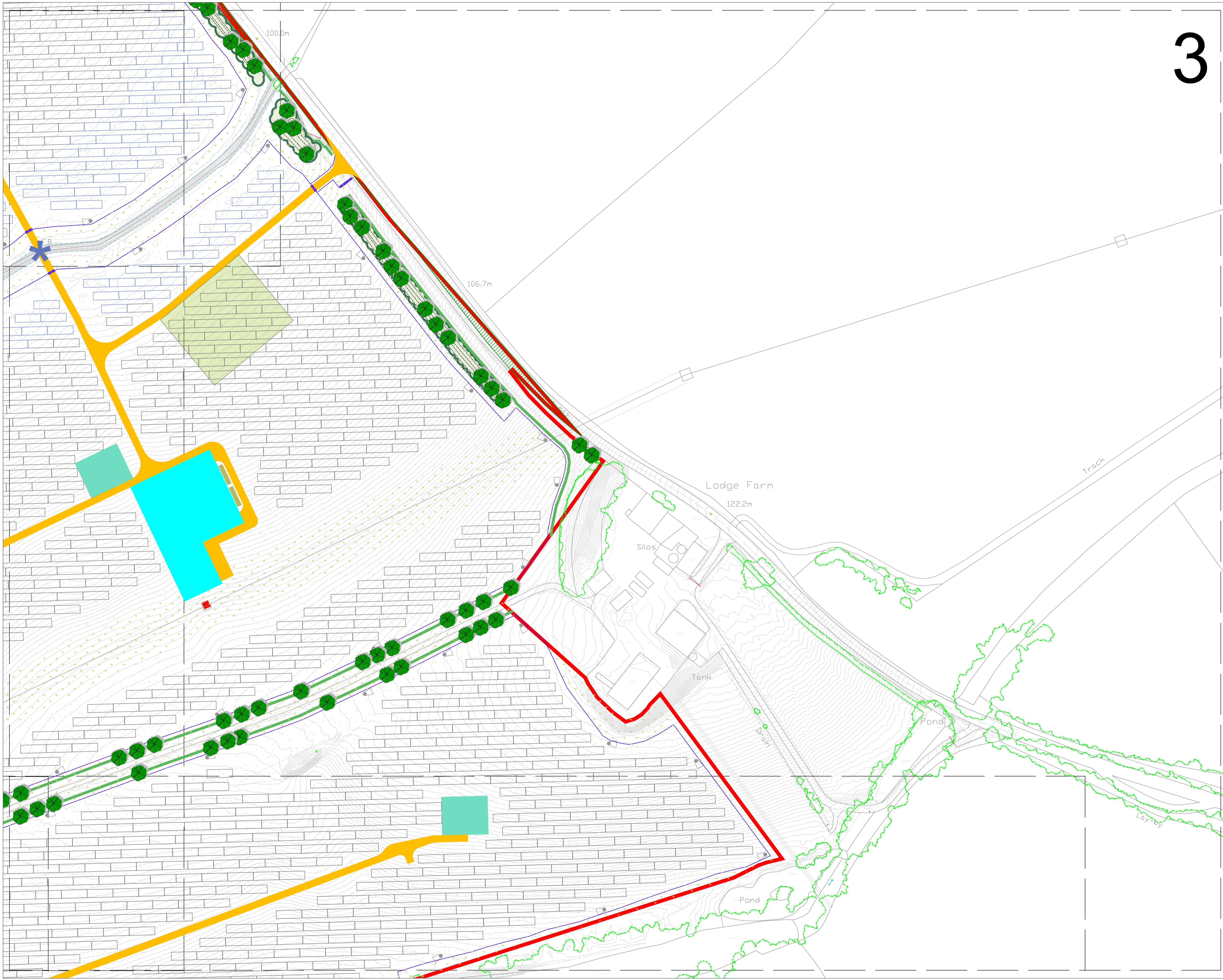
Title
**Landscape Mitigation Plan
 (Sheet 2 of 6)**

Project Number NI2747	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2747.5.03

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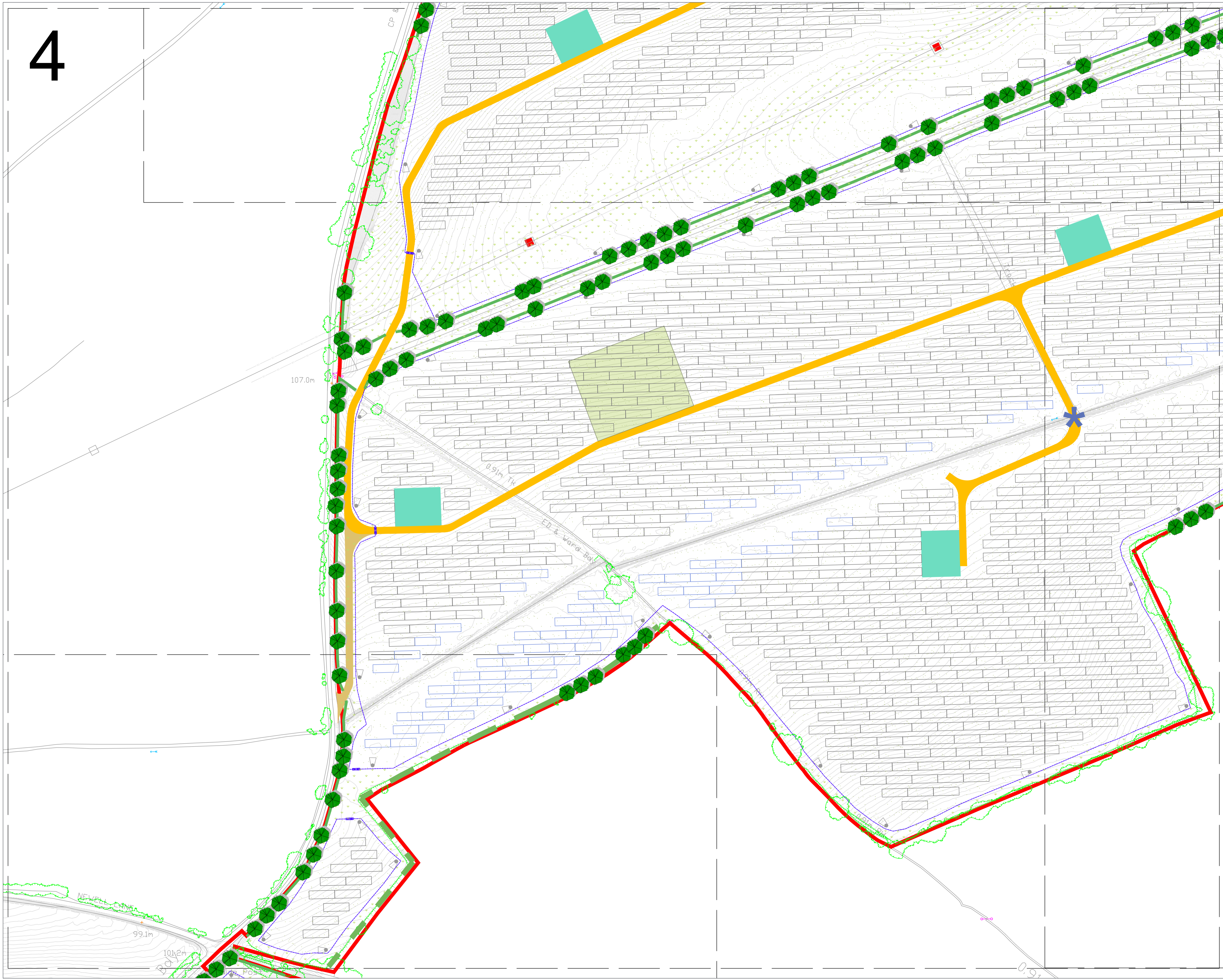
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 Landscape Mitigation Plan
 (Sheet 3 of 6)

Project Number NI2747	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2747.5.04

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Project
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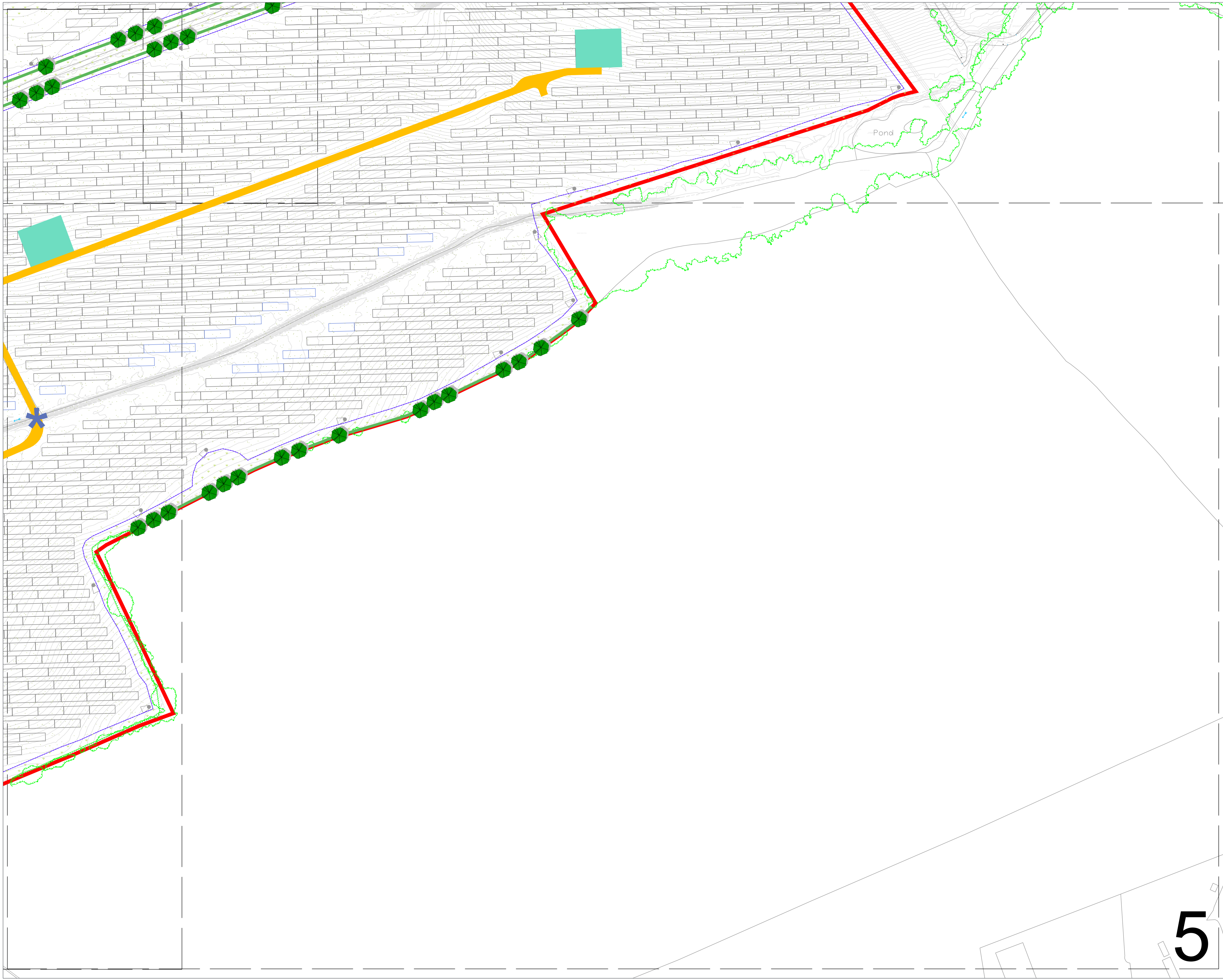
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 (Sheet 4 of 6)

Project Number NI2747	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2747.5.05

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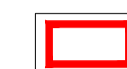








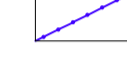
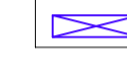

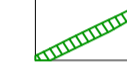


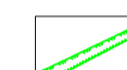



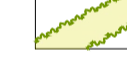
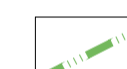


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NOTES

1. Verifying Dimensions.
The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
2. Existing Services.
Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. It shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.

Legend

-  Site Boundary
(Outside of line denotes boundary)
-  Proposed access track
-  Temporary Construction track (lands to be re-instated post construction works)
-  Indicative Solar PV Array
-  Indicative Solar PV Array to be raised
(Min. ground clearance 300mm above design flood levels)
-  Inverter and Battery Storage Area
-  Substation compound
-  Temporary Construction Compound
(lands to be re-instated post construction works)
-  Fence Line
-  Gate
(fenceline)
-  Indicative CCTV location
-  Site Access Visibility Splays
-  Existing Pylon and Overhead lines
-  Existing Woodland areas and individual trees to be retained and protected in accordance with BS 5837:2012
-  Existing hedgerows and shrub areas to be retained and protected in accordance with BS 5837:2012
-  Proposed Specimen Tree planting within existing and proposed hedge planting
(refer Table 1 on Dwg 2747.5.01)
-  Proposed Woodland planting comprised of locally appropriate native tree and shrub species
(refer Table 2 on Dwg 2747.5.01)
-  Proposed scrub planting comprised of locally appropriate scrub/ shrub species
(refer Table 3 on Dwg 2747.5.01)
-  Existing hedgerows to be augmented and strengthened with new, locally appropriate native hedge species
(refer Table 4 on Dwg 2747.5.01)
-  Proposed New Native Hedgerow planting comprised of locally appropriate species
(refer Table 4 on Dwg 2747.5.01)
-  Proposed areas of Wildflower Grassland seeding
(refer Table 5 on Dwg 2747.5.01)
-  Proposed areas of Grassland seeding
(refer Table 6 on Dwg 2747.5.01)
-  Proposed mounding (1.5 to 2.0m overall height)

rev	amendments	check	date

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Project
 Beane Solar Farm

Title
 Landscape Mitigation Plan
 (Sheet 5 of 6)

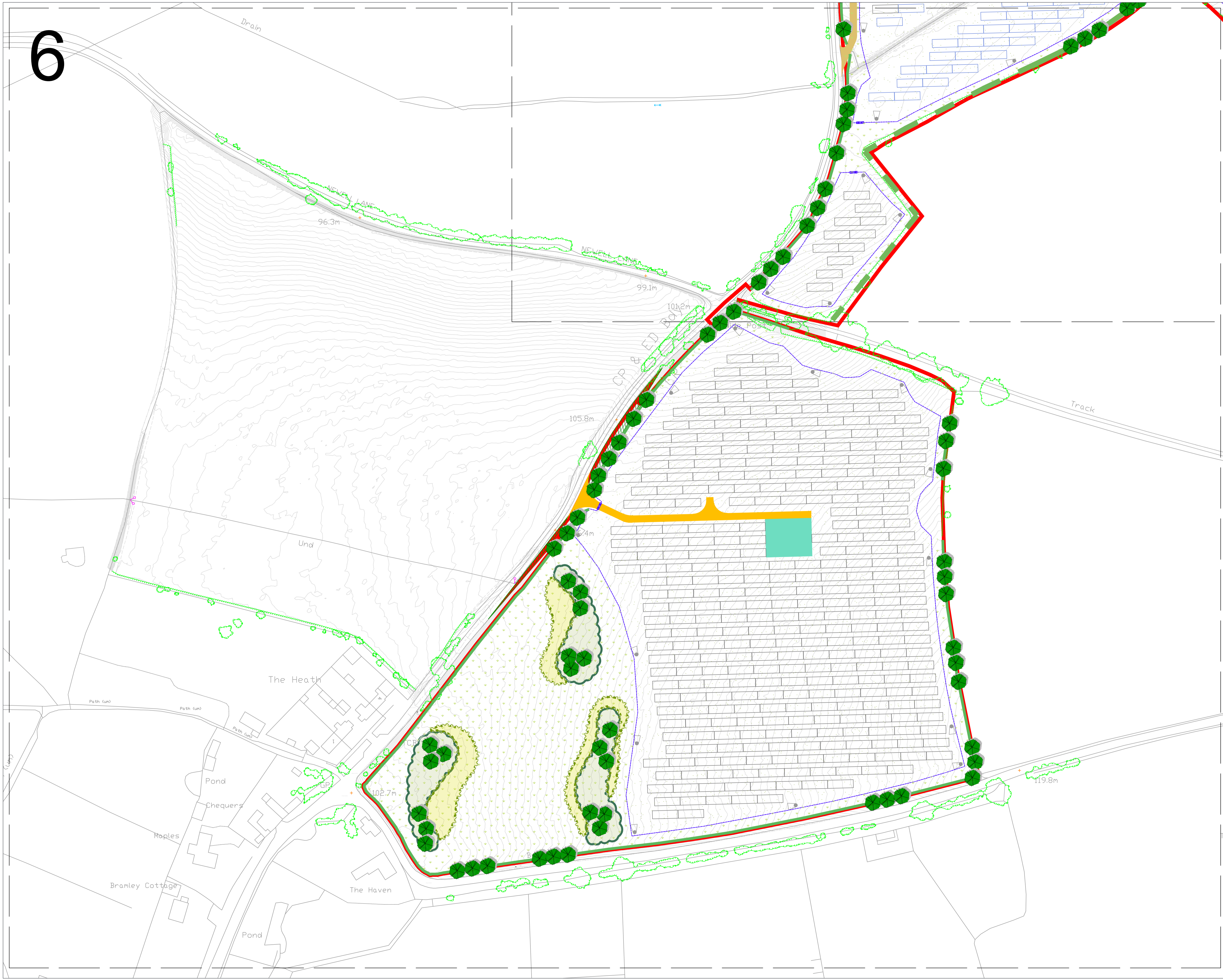
Project Number NI2747	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2747.5.06

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5



NOTES

1. Verifying Dimensions.
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2. Existing Services.
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Legend

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- Proposed access track
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- Indicative Solar PV Array
- Indicative Solar PV Array to be raised (Min. ground clearance 300mm above design flood levels)
- Inverter and Battery Storage Area
- Substation compound
- Temporary Construction Compound (lands to be re-instated post construction works)
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- Proposed areas of Grassland seeding (refer Table 6 on Dwg 2747.5.01)
- Proposed mounding (1.5 to 2.0m overall height)

rev	amendments	check	date

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Project
Beane Solar Farm

Title
Landscape Mitigation Plan (Sheet 6 of 6)

Project Number NI2747	Sheet Size A1	Drawing Scale 1:1000
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Drawing Number
2747.5.07

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