



- Legend**
- Site Boundary
  - Species-rich Wildflower Meadow SCM1
  - Species-rich Wildflower Meadow SCM5
  - Native Mixed-Species Planting
  - Native Specimen Trees - 'Standard'
  - Proposed Hedgerows
  - Existing Hedgerows to be retained
  - Existing Trees to be retained
  - Existing GC3/c - other neutral grassland to be retained
  - Existing C1 - arable and other horticulture to be retained
  - Existing G4 - Modified Grassland
  - Ethylene Pipeline & 50m buffer
  - Existing trees to be removed
  - Detention Basin (wetland fringe planting)
  - Wet meadow mix
  - Mounding (1m high)
  - Wetland Fringe
  - Cabling Corridor
  - Porous Type 1 Aggregate
  - Proposed Protective Concrete Slab
  - Existing Road Hardstand

Landscape Areas/Habitats in m <sup>2</sup>	
Typology	m <sup>2</sup>
SCM1 Wildflower Mix	6499
Native Mixed-Species Planting	10526
Detention Basin	584
Wetland Fringe	172
Wet Meadow Mix	1160
<b>TOTAL:</b>	<b>18941m<sup>2</sup></b>

Built Infrastructure in m <sup>2</sup>	
Typology	m <sup>2</sup>
<b>TOTAL:</b>	<b>24240m<sup>2</sup></b>

Existing infrastructure to be retained in m <sup>2</sup>	
Typology	m <sup>2</sup>
<b>TOTAL:</b>	<b>2387m<sup>2</sup></b>

Existing Landscape Areas/Habitats in m <sup>2</sup>	
Typology	m <sup>2</sup>
G3c - Neutral Grassland	8468
C1 - Arable & other horticulture	12680
G4 - Modified Grassland	1002
<b>TOTAL:</b>	<b>22150m<sup>2</sup></b>

Hedgerow Lengths in meters	
Typology	m
Existing & to be retained	1676
Proposed	513
<b>TOTAL:</b>	<b>2189m</b>

Off-Site Landscape Areas/Habitats in m <sup>2</sup> /m	
Typology	m <sup>2</sup> /m
SCM5 Wildflower Mix	11288m <sup>2</sup>
Proposed Hedgerows	600m

**Overall Area Totals**

**Total: 79006m<sup>2</sup>**

Rev.	Date	Reason
H	7.2.23	Updated RLB
G	24.11.22	Amendments as per comments from Arcus
F	4.11.22	Corrections as per comments from Arcus
E	3.11.22	On-site green areas extended/areas updated
D	7.09.22	Area tables for matrix updated
C	7.09.22	Issued for comment
B	6.09.22	Area & length tables updated, off-site BNG area added, legend updated
A	2.09.22	Plan updated to include area data for the biodiversity matrix



Native Mixed-Species Planting				
% mix	Species	Form	Size (cm)	Grown
15	Betula Pubescens (Downy Birch)	Transplant	60-80	B 1+1
15	Betula Pendula (Silver Birch)	Transplant	60-80	B 1+1
10	Prunus avium (Wild Cherry)	Transplant	60-80	B 1+1
10	Alnus Glutinosa (Alder)	Transplant	60-80	B 1+1
7	Quercus robur (Common Oak)	Transplant	60-80	B 1+1
10	Crataegus monogyna (Hawthorn)	Transplant	60-80	B 1+1
10	Prunus spinosa (Blackthorn)	Transplant	60-80	B 1+1
10	Corylus avellana (Hazel)	Transplant	30-40	B 1+1
7	Sorbus aucuparia (Rowan)	Transplant	60-80	B 1+1
6	Rosa canina (Dog Rose)	Transplant	60-80	BR

Native Specimen Trees - 'Standard'				
Species	Height (cm)	Girth	Clear Stem	Grown
Betula Pendula (Silver Birch)	250-300	8-10	min 175	BR
Prunus avium (Wild Cherry)	250-300	8-10	min 175	BR
Alnus Glutinosa (Alder)	250-300	8-10	min 175	BR
Quercus robur (Common Oak)	250-300	8-10	min 175	BR
Sorbus aucuparia (Rowan)	250-300	8-10	min 175	BR

  

Native Hedgerows				
Species	Size (cm)	Grown	Habit	Grown
Crataegus monogyna	100 - 125	Bare root	Bushy	Double staggered row, 300mm centres
Prunus spinosa	100 - 125	Bare root	Bushy	Double staggered row, 300mm centres

Wetland Fringe					
Code	Species	Size (cm)	Grown	Habits/breaks	Density
Cp	Caltha palustris	20-30	1L	Clump forming	5no/m <sup>2</sup>
Ip	Iris pseudocarus	20-30	1L	Suckering	5no/m <sup>2</sup>
Vb	Veronica beccabunga	20-30	1L	Matforming	5no/m <sup>2</sup>
Ma	Mentha aquatica	20-30	1L	Matforming	5no/m <sup>2</sup>
Ms	Myosotis scorpioides	20-30	1L	Clump forming	5no/m <sup>2</sup>

Planted at 2m centres, in groups of 5 - 7 same species.

**Species-rich Wildflower Meadow**  
 Mavisbank Mix by Scotia Seeds (SCM1), or similar (20% wildflower, 80% grass mix, of Scottish origin) Sown at a rate of 3g/m<sup>2</sup> per hectare

**Dry Meadow Mix by Scotia Seeds (SCM5), or similar (20% wildflower, 80% grass mix) Sown at a rate of 3g/m<sup>2</sup> or 30kg per hectare**

Wet meadow mix supplied by Scotia Seeds (near Detention Basin area)

<b>Project</b> Spennymoor Greener Grid Park			
<b>Title</b> Figure 5 Hard/Soft Landscape Plan & Habitat Areas			
<b>Date</b> 31/08/22	<b>Scale</b> 1:2000 @ A2	<b>Drawn</b> KB	<b>Checked</b> NH
<b>Job</b> 2095	<b>Suitability</b> S3	<b>No.</b> L02	<b>Issue</b> Planning
<b>Revision</b> H			
<b>LI WORKSTAGE:</b> 0/1 2 3 4 5 6			
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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