



KEY

- Mix1: Proposed woodland planting at 1.5m centres.
- Mix 2: Proposed scrub planting at 1.5m centres
- Proposed hedge planting at 1.0m centres
- Open area - natural regeneration with scrub control management
- Protection fencing - Post, wire and mesh
- Access stile

BROAD LEAVED WOODLAND MIX 1

TREES

Botanical Name	Common Name	% of Mix	Form	Age/No. of times transplanted	Girth (cm)	Over Height (cm)	Clear stem	Root condition	Min number of breaks
<i>Acer campestre</i>	Field Maple	5	Transplant	1+1		60-80		B	
<i>Castanea sativa</i>	Sweet Chestnut	1	Feathered	3x	6-8	175-200		RB	5
<i>Castanea sativa</i>	Sweet Chestnut	9	Transplant	1+1		60-80		B	
<i>Malus sylvestris</i>	Crab Apple	5	Feathered	2x		175-200		B	5
<i>Quercus robur</i>	English Oak	1	Feathered	2x		175-200		B	5
<i>Quercus robur</i>	English Oak	9	Transplant	1+1		60-80		B	

SCRUB

Botanical Name	Common Name	% of Mix	Age / No. of times transplanted	Overall Height (cm)	Root Condition	Minimum size of container (L)	Habit	Minimum No. of breaks
<i>Corylus avellana</i>	Hazel	30	1+2 or 1/2	60-80	B		Branched	3
<i>Crataegus monogyna</i>	Hawthorn	10	Transplant	1+1		60-80		8
<i>Lonicera periclymenum</i>	Honeysuckle	10		60-80	C	2	Several shoots	2
<i>Salix caprea</i>	Goat Willow	10	0/1	60-80	B		Branched	2
<i>Taxus baccata</i>	Yew	5		40-60	C	3	Leaders	
<i>Ulex europaeus</i>	European Gorse	5		30-40	C	3	Bushy	5

SCRUB: Mix 2

Botanical Name	Common Name	% of Mix	Age / No. of times transplanted	Overall Height (cm)	Root Condition	Minimum size of container (L)	Habit	Minimum No. of breaks
<i>Corylus avellana</i>	Hazel	40	1+2 or 1/2	60-80	B		Branched	3
<i>Crataegus monogyna</i>	Hawthorn	20	Transplant	1+1		60-80		8
<i>Lonicera periclymenum</i>	Honeysuckle	15		60-80	C	2	Several shoots	2
<i>Salix caprea</i>	Goat Willow	10	0/1	60-80	B		Branched	2
<i>Taxus baccata</i>	Yew	10		40-60	C	3	Leaders	
<i>Ulex europaeus</i>	European Gorse	5		30-40	C	3	Bushy	5

HEDGEROW MIX:

Botanical Name	Common Name	% of Mix	Age / No. of times transplanted	Overall Height (cm)	Root Condition	Minimum size of container (L)	Habit	Minimum No. of breaks
<i>Corylus avellana</i>	Hazel	40	1+2 or 1/2	60-80	B		Branched	3
<i>Crataegus monogyna</i>	Hawthorn	20	Transplant	1+1		60-80		8
<i>Lonicera periclymenum</i>	Honeysuckle	15		60-80	C	2	Several shoots	2
<i>Prunus spinosa</i>	Blackthorn	10	1+1	60-80	B		Branched	2
<i>Rosa canina</i>	Dog rose	10	1+0	40-50	B		Branched	
<i>Salix caprea</i>	Goat Willow	5	0/1	60-80	B		Branched	2

OUTLINE SPECIFICATION
 Trees and shrubs will be of proven native origin with Forest Reproductive Material (FRM) sourced from seed zone 404 in accordance with the Forestry Commission's Voluntary Identification Scheme for Trees and Shrubs.
 Species to be grouped in species blocks of between 5-7 plants per block.

Feathered tree planting:
 Feathered stock planting pits to be 700 x 700 x 600mm deep, with a further 200mm broken up at the base, at 1.5m centres.
 Backfill to consist of excavated site topsoil.

Rootballed trees to be double staked with cross-bar fixed at 600mm above ground level. Bare root trees to be single staked.
 Tree stakes to be round timber, peeled bark, 50mm diam. driven minimum 300mm into the ground and cut to approx. 600mm above ground level.
 Trees to be secured using an approved adjustable rubber tree tie and spacer block, width of belt to be 25mm.

Transplant/ shrub planting:
 Transplants to be notch planted into a T-shaped opening of sufficient size for the roots of bare-root plants to be fully spread out. Container grown plants to be planted in pits 300 x 300 x 300mm deep, with a further 150mm broken up at the base, at 1.5m centres. Backfill to consist of excavated site topsoil.

Hedge planting:
 To be planted in 3 staggered rows, planted at 1.0m centres. All plants to be planted in pits 300 x 300 x 300mm deep, with a further 150mm broken up at the base, at 1.0m centres. Backfill to consist of excavated site topsoil.

Protection from deer/rabbit damage:
 Plants to be protected from damage by 1.5m high degradable guards.
 Manufacturer: Acorn Planting Products (01621-874201) or equal and approved
 Product: Tubex 12D Standard Plus Tree Shelter and Shrub Shelter
 Size: 1.2m high, 80-120mm and 130-160mm diameter
 Fixed to timber stake with releasable ratchet ties.

Protective Fencing:
 To be wooden post and wire fencing to 1275mm high, driven to 1045mm deep. Straining posts to be round timber 125mm dia at top x 2320mm long to be provided at ends, and at changes of direction. Intermediate posts to be round timber 80mm dia at top x 1870mm long at maximum 3500mm interval, round timber struts (to support posts) 80mm dia at top x 2320 mm long. Wire mesh to nailed or stapled to outside of fence posts. Netting to be galvanized welded mesh, 75mm size to be 1.1m high, to be buried 300 mm deep and turned out 300 mm. Top straining wire to be 100mm above netting, include a single strand of barbed wire along the bottom of the fence 50mm above ground level.
 Step-over stiles to be provided for access.

NB: Herbicide or mulch application not allowed

Rev	Date	Description	By	Chk	App

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Client: **Homes & Communities Agency**

Site/Project: **Cinderford Northern Quarter: Hybrid Planning Application Site**

Title: **Phase 1 Development Mitigation Area Detailed Planting Proposals**

Drawn: EMK	Checked: SS
Designed:	Approved: PMC
Date: 17/06/2014	Scale: AS Shown A3
Project Number:	Sheet: 1 of 1

2119 **Figure 7.8**