

PLANTING SCHEDULE												
TREES	SIZE	NOTES	New Woodland approx %	Advance	Restoration	New Scrub approx %	Advance	Restoration	New Hedge approx %	Advance-east of site	Restoration NE site	Total
<i>Acer campestre</i> (Field Maple)	0.45-0.6m Trans.	Woodland to be planted at 2.5m c/s	28,000	3,000	25,000	34,200	14,200	20,000	10	1,080	330	1,357
<i>Betula pendula</i> (Silver Birch)	0.35-0.4m c/g		5	24	200	5	178	250	5	540	165	875
<i>Betula pubescens</i> (Downy Birch)	0.35-0.4m c/g		5	24	200	5	178	250	5	540	165	875
<i>Malus sylvestris</i> (Crab Apple)	0.35-0.45m Trans.	Scrub at 2.0m c/s	5	24	200	5	178	250	5	270	82	1,004
<i>Populus tremula</i> (Aspen)	0.45-0.6m Trans.	and protected with	5	24	200	5	178	250	5	270	82	1,004
<i>Prunus avium</i> (Wild Cherry)	0.45-0.6m Trans.	Tube tree shelters	5	24	200	5	178	250	5	270	82	1,004
<i>Quercus robur</i> (Pedunculate Oak)	0.35-0.45m Trans.	cg denotes cell	25	120	1,000	25	120	1,000	25	1,080	330	1,472
<i>Sorbus aucuparia</i> (Rowan)	0.45-0.6m Trans.	grown stock	7	34	280	5	178	250	5	270	82	742
<b>TOTAL TREES</b>			67	322	2,880	20	711	1,000	22	1,188	362	6,263
SHRUBS	SIZE	NOTES	New Woodland approx %	Advance	Restoration	New Scrub approx %	Advance	Restoration	New Hedge approx %	Advance-east of site	Restoration NE site	Total
<i>Corylus avellana</i> (Hazel)	0.45-0.6m Trans.	*denotes species to be planted as a shrub edge field side	5	24	200	10	355	500	5	270	83	1,432
<i>Crataegus monogyna</i> (Hawthorn)	0.45-0.6m Trans.		10	48	400	30	1,065	1,500	40	2,160	660	5,833
<i>Euonymus europaeus</i> (Spindle)	0.45-0.6m Trans.	Hedge row interplanting	2	10	80	5	177	250	5	270	83	617
<i>Fraxinus alnus</i> (Alder Buckthorn)	0.35-0.45m Trans.		3	14	120	5	177	250	3	162	50	773
<i>Ilex aquifolium</i> (Holly)	0.45-0.6m Trans.	at 5 plants per linear metre, double staggered row	3	14	120	10	355	500	8	432	132	1,553
<i>Prunus spinosa</i> (Blackthorn)	0.45-0.6m Trans.		5	24	200	10	355	500	5	270	83	1,432
<i>Rosa canina</i> (Dog Rose)	0.35-0.45m Trans.		5	24	200	10	355	500	5	270	83	1,432
<i>Sambucus nigra</i> (Elder)	0.45-0.6m Trans.		5	24	200	10	355	500	5	270	83	1,432
<i>Salix caprea</i> (Goat Willow)	0.45-0.6m Trans.		5	24	200	10	355	500	5	270	83	1,432
<i>Viburnum opulus</i> (Guelder Rose)	0.35-0.45m Trans.		5	24	200	10	355	500	5	270	83	1,432
<b>TOTAL SHRUBS</b>			33	158	1,320	80	2,839	4,000	78	4,212	1,288	13,817
<b>TOTAL TREES &amp; SHRUBS</b>			100	480	4,000	100	3,550	5,000	100	5,400	1,650	20,080

**Maintenance**  
All planting to be maintained by use of glyphosate to create a 1.0m diameter circle around each tree and shrub during the five year aftercare period, or until canopies close. This will permit rapid establishment.  
Two maintenance visits will be carried out per year during the aftercare period, one in spring and one in early summer.  
Visits will include weed control (including noxious weeds), litter removal and checking and firming up tree shelters.  
Any plants dying during the five-year aftercare period will be replaced with a size and species to be agreed with the Mineral Planning Authority to maintain 100% stocking rate during the aftercare period and to achieve a minimum 95% stocking rate (to allow for expected plant growth).  
Any plants loosened by frost or wind will be firmed up and any damaged branches will be removed using a sharp pruning knife.  
At the end of the aftercare period, or before, should growth warrant it, tree shelters will be removed from the planting.

**Programme of Implementation**  
To be carried out in November-March planting season for bare root stock.  
Prior to planting, any areas of compaction to be broken up to a depth of 450mm.  
Trees and shrubs to be notch planted.

Revisions	
Date	14 Dec 2021
Scale(s) @A1	1 : 2500
Chkd	
Site Ref.	

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Drawn By: A W Company: CEMEX UK Operations Limited  
Date: 14 Dec 2021 Site: HAMBLE AIRFIELD  
Scale(s) @A1: 1 : 2500 Project: SAND AND GRAVEL EXTRACTION  
Chkd: Title: CONCEPT RESTORATION PLAN  
Site Ref.: Drawing No. 21-08-HAMB-1717-P1-REST



Broad Habitat Type	HABITAT TYPE	HABITAT POST RESTORATION (ha)
Woodland and forest	Lowland mixed deciduous woodland (including retained woodland areas)	2.80
Heathland and shrub	Mixed scrub	3.42
Grassland	Other lowland acid grassland - south of site	22.80
Grassland	Other lowland acid grassland - Enhancement to unworked margins	6.70
Grassland	Other lowland acid grassland - north of site	22.83
Lakes	Temporary lakes, ponds and pools	0.75
Wetland	Fens (upland and lowland)	0.74
Urban	Urban Tree	0.15
Hedgerow	New Native Species Rich Hedgerow	0.68
Hedgerow	Enhancement of Native Species Rich Hedgerow with trees	0.18
Hedgerow	Enhancement of Native Species Rich Hedgerow with trees	0.55

KEY :	
	APPLICATION BOUNDARY
	EXISTING VEGETATION
	PROPOSED CONTOURS m.A.O.D (1.0m INTERVALS)
	EXISTING Public Right of Way
	PROPOSED PERMISSIVE PATH - grassed surface
	DENOTES PLANTING WHICH CAN BE CARRIED OUT AS WORKS AT START OF OPERATIONAL PHASE
	NEW NATIVE HEDGEROW (Hawthorn, Hazel, Blackthorn, Holly) Includes a proportion of Feathered trees to provide shade for grazing animals
	WOOD EDGE / DRY HEATH SHRUB SCRUB - Hawthorn, Blackthorn, Holly, Gorse, Broom; to deter access, to direct path users. Planted as small 10-100m² clumps within designated areas to give an overall 50% cover
	WOOD AND WOOD EDGE - Oak, Rowan, Birch, Hawthorn; Planted as medium 100-1000m² clumps within designated areas to give an overall 75% cover
	PROPOSED DRAINAGE INFILTRATION ZONE (Trench backfilled with permeable material)
	DENOTES GRASSLAND RETAINED AND MANAGED DURING THE OPERATIONAL PHASE; SOURCE FOR NATURAL RECOLONISATION OF ADJACENT GRASSLAND AREAS
	FOOTPATH CORRIDOR - EXISTING AND NEW HEDGEROW WITH WILDFLOWER GROUND FLORA RETAINED AND EXTENDED BY NATURAL COLONISATION
	LAND RESTORED TO GRASSLAND Paddock BY NATURAL COLONISATION FROM ADJACENT RETAINED GRASSLANDS OR SEEDING WITH AN APPROPRIATE MIX
	LAND RESTORED TO DRY ACID GRASSLAND BY NATURAL COLONISATION FROM ADJACENT RETAINED GRASSLANDS OR SPREADING GREEN HAY OR SEEDING WITH AN APPROPRIATE MIX
	SPECIES RICH ACID GRASSLAND - PARKLAND For Community Access
	SHALLOW POND (UP TO 1.5-2.0m) For surface water drainage - periodically dry. Marginal vegetation to establish by natural colonisation, seeding and plug planting
	FEN / MIRE ACROSS LOW LYING RESTORED AREAS (SEASONALLY WET, NATURAL COLONISATION eg. Sedges and Rushes); Microtopography - Localised Scrapes and Shallows +/- 0.3-1.0m to create additional habitat
	PROPOSED POST AND RAIL FENCING (For Main Field Areas) - Timber or Metal Estate Fencing; NB all planting and hedgerows to be timber post and stockproof wire fenced on the field side