



**KEY :**

- APPLICATION BOUNDARY
- EXISTING Public Right of Way
- PROPOSED PERMISSIVE PATH: Operational + Post-Restoration
- PROPOSED PERMISSIVE PATH (A-G) - at final restoration
- 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
- RETAINED AREA OF GRASSLAND / SCRUB For Habitat Enhancement
- SOIL STORAGE / SCREEN MOUNDING (Seeded with grassland, farmland bird mix or nectar mix)
- PROPOSED SECURITY FENCING (For new vehicular access only)
- PROPOSED STOCKPROOF FENCING (For operational quarry boundary) - refer to detail L/F/E/2
- PROPOSED TIMBER POST AND RAIL FENCING (For improvement of boundary to Spitfire Way Playground) - refer to detail L/F/E/21
- PROPOSED TIMBER POST AND RAIL CHICANE (For Access points A, B, C, E, G, H and I) - refer to detail L/F/E/27

**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 choppers will be removed from the planting.

**PLANTING SCHEDULE**

TREES	SIZE	NOTES	New Woodland approx %	Advance	Restoration	New Scrub approx %	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	28,000	10,220	20,280	18,310	18,310	1,080	540	330	1,178
<i>Betula pendula</i> (Silver Birch)	0.35-0.4m c/g.	be planted at 2.5m c/s	5	82	162	5	229	10	540	165	718
<i>Betula pubescens</i> (Downy Birch)	0.35-0.4m c/g.	Scrub at 2.0m c/s	5	82	162	5	229	5	270	33	244
<i>Malus sylvestris</i> (Crab Apple)	0.35-0.45m Trans.	and protected with	5	82	162	5	229	5	270	82	825
<i>Prunus avium</i> (Wild Cherry)	0.45-0.6m Trans.	Tubex tree shelters	25	410	812	5	229	5	270	82	1,574
<i>Quercus robur</i> (Pendunculate Oak)	0.35-0.45m Trans.	cg denotes cell	7	114	227	5	229	5	270	570	570
<i>Sorbus aucuparia</i> (Rowan)	0.45-0.6m Trans.	grown stock.	62	1,016	2,012	20	916	22	1,188	362	5,494
<b>TOTAL TREES</b>											
<b>SHRUBS</b>											
<i>Corylus avellana</i> (Hazel)	0.45-0.6m Trans.	*denotes species to	5	82	162	10	458	5	270	83	1,055
<i>Crataegus monogyna</i> (Hawthorn)*	0.45-0.6m Trans.	be planted as a	10	164	325	30	1,374	40	2,160	660	4,683
<i>Euonymus europaeus</i> (Spindle)	0.45-0.6m Trans.	shrub edge field side	5	82	162	5	229	5	270	83	353
<i>Fragula alnus</i> (Alder Blackthorn)	0.35-0.45m Trans.	Hedgerow interplanting	2	34	65	5	229	5	270	328	328
<i>Ilex aquifolium</i> (Holly)	0.45-0.6m Trans.	at 5 plants per linear	3	49	97	5	229	3	162	50	587
<i>Prunus spinosa</i> (Blackthorn)*	0.45-0.6m Trans.	metre, double	3	49	97	10	458	8	432	132	1,168
<i>Rosa canina</i> (Dog Rose)*	0.35-0.45m Trans.	staggered row	5	82	162	10	458	5	270	83	1,055
<i>Sambucus nigra</i> (Elder)	0.45-0.6m Trans.		5	82	162	5	229	5	270	82	352
<i>Salix caprea</i> (Goat Willow)*	0.45-0.6m Trans.		10	164	325	10	458	2	108	33	1,088
<i>Viburnum opulus</i> (Guelder Rose)	0.35-0.45m Trans.		5	82	162	5	229	5	270	82	352
<b>TOTAL SHRUBS</b>			38	624	1,233	80	3,664	78	4,212	1,288	11,021
<b>TOTAL TREES &amp; SHRUBS</b>			100	1,640	3,245	100	4,580	100	5,400	1,650	16,515

**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**

Revised By	A W	Company	CEMEX UK Operations Limited
Date	15 Nov 2022	Site	HAMBLE AIRFIELD
Scale(s)	@A1	Project	SAND AND GRAVEL EXTRACTION
Chkd		Title	LANDSCAPE LAYOUT PLAN (OPERATIONAL PHASE)
Site Ref.		Drawing No.	21-08-HAMB-1717-P1-LAND Rev A

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