



PHASE E
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND USED IN THE PROGRESSIVE RESTORATION BEHIND THE WORKING AREA, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL. SURPLUS SUBSOIL INTO TEMPORARY STORAGE BUND AS SHOWN.

VOLUMES
TOPSOIL 23,800m³
SUBSOIL 71,400m³
SUBSOIL BUND 47,800m³

OVERBURDEN TO BE USED TO FORM PERIMETER SEALS AROUND PHASE, WITH SURPLUS PLACED INTO PREVIOUSLY WORKED OUT VOIDS. SUITABLE IMPORTED MATERIALS MAY BE USED TO FORM THE PERIMETER SEALS.

INTERBURDEN TO BE PROGRESSIVELY STRIPPED AND PLACED BACK INTO VOID.

UMH AND LMH TO BE PROGRESSIVELY TAKEN TO PLANT SITE.

CLIMBER PLANTING							
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	Minimum size of container	Overall Height (cm)	Planting Block m
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-50
Total Plant No.s (@ 2m centres)							C1 340
Total							170

WOODLAND/SCRUB PLANTING									
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	Minimum size of container	Overall Height (cm)	Planting Block m²	WP1	
								8383	
								mix	Total Plant No.s (@ 2m centres)
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot					105	
Corylus avellana	Hazel	Bagged/Bareroot	3	1+1 or 1/1		60-80	5%	195	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot			60-80	10%	210	
Ilex aquifolium	Holly	Leaders and Laterals	Container	1+1 or 1/1	3L	60-80	10%	210	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot			60-80	2.5%	60	
Prunus avium	Wild Cherry	Transplant - seed raised	Bagged/Bareroot			1+1 or 1/1	60-80	2.5%	60
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot			1+1 or 1/1	60-80	5%	105
Quercus robur	Pedunculata oak	Transplant - seed raised	Bagged/Bareroot			1+1 or 1/1	60-80	2.5%	60
Rosa canina	Dog rose	Bagged/Bareroot	3	1+1 or 1/1		60-80	36%	735	
Rubus arvensis	Whitebeam	Transplant - seed raised	Bagged/Bareroot			60-80	2.5%	60	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot			1+1 or 1/1	60-80	15%	315
Viburnum opulus	Goulden rose	Bagged/Bareroot	3	1+2 or 1/2		60-80	10%	210	
Total							100%	2090	

SCRUB PLANTING													
Tree/Shrub species	Form/habit		Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	Minimum size of container	Overall Height (cm)	Percentage Mix (%)	SC1	SC2	SC3	SC4	SC5
									6437	1666	4693	3710	572
							Total	100	1st Centre				
<i>Corylus avellana</i>	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60 - 80	30%	1931	500	1408	1113	172	
<i>Crataegus monogyna</i>	Hawthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60 - 80	20%	1287	333	839	742	114	
<i>Ilex aquifolium</i>	Holly	Leaders and Laterals	Container	3L	60 - 80	2.5%	60	644	167	469	371	57	
<i>Prunus spinosa</i>	Blackthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60 - 80	25%	1609	417	1173	928	143	
<i>Rosa canina</i>	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60 - 80	5%	322	83	235	186	29	
<i>Viburnum opulus</i>	Gouldier rose	Branched	Bagged/Bareroot	3	1+2 or 1/2	60 - 80	10%	644	167	469	371	57	
							Total	100	6437	1666	4693	3710	572

Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	Minimum size of container	Overall Height (cm)	Planting Block m	H1	H2	H3	H4A	H4B	H5	H6	H7	H8	Total
Corylus avellana	Hazel	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	290	385	25	105	120	195	275	100	40	1535	4096
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	30%	895	1100	80	320	355	585	820	295	115	4096
Ilex aquifolium	Holly	Leaders and Laterals	Container	3L	60-80	10%	290	385	25	105	120	195	275	100	40	1535	4096
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	40%	1150	1545	110	430	470	780	1095	390	155	6125
Rosa canina	Dog rose	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25	105	120	195	275	100	40	1535	4096
Total							100%	2885	3860	265	1065	1185	1950	2740	985	390	15325

FEATHERED TREES IN HEDGEROWS																	
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	Overall Height (cm)	Planting Block m	H1	H2	H3	H4A	H4B	H5	H6	H7	H8	Total	
Acer campestre	Field Maple	Feather	Bagged	5	2X	175-200	33%	19	26	2	7	8	13	18	6	3	101
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26	2	7	8	13	18	6	3	101
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26	2	7	8	13	19	7	3	104
Total							100%	58	77	5	21	24	39	55	20	8	306

Legend:	
	SLOPE
	DIVERTED / EXISTING PUBLIC RIGHT OF WAY
	INITIAL BRIDLEWAY
	PERMISSIVE FOOTPATH
	EXISTING WATERCOURSE
	RETAINED BOREHOLES
	PROPOSED WATERCOURSE OPEN CHANNEL
	PROPOSED RIVER NAST DIVERSION (PERFORATED PIPE)
	PROPOSED RIVER NAST DIVERSION (SOLID PIPE)
	NAST CULVERT AND SURFACE WATER MONITORING POINT
	EXISTING PONDS
	PROPOSED GREAT CRESTED NEWT PONDS
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_ZS_16351
	PROPOSED ACOUSTIC FENCING
	PROPOSED STOCK PROOF FENCING
	MINERAL EXTRACTION AREA
	PROPOSED ACCESS ROAD
	PROPOSED HAUL ROAD
	PROPOSED INTERPRETATION BOARD
	PROPOSED SIGNAGE
	PROPOSED CROSSING POINT
	EXISTING VEGETATION
	PROPOSED ADVANCED PLANTING
	PROPOSED ADVANCED HEDGEROW PLANTING
	PROPOSED BUND
	PROPOSED AREA OF DISTURBANCE FROM SITE PREPARATION WORKS
	PROPOSED PERIMETER SCREENING/STORAGE BUNDS
	PROPOSED PERIMETER SEALS
	TOPSOIL STORAGE MOUND
	SUBSOIL STORAGE MOUND
	BUND WITH ACOUSTIC FENCE ON TOP
	LIMIT OF LOWER MINERAL EXTRACTION (100m OFFSET)

S	REVISIONS FOLLOWING CHANGES TO PUBLIC ACCESS	02/26	HD	MJ	MJ
R	PREVIOUSLY SUBMITTED	10/22	EW	MJ	MJ
Rev	Amendments	Date	By	Chk	Auth

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Drawing Purpose	Suitability Code
PLANNING	

Client	ROBERT BRETT & SONS LTD
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Project	HATFIELD AERODROME
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Drawing Title	PHASE E + PERIMETER SEAL INTO PHASE D
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Scale	1:2500	SLR Project No.	403.065431.00001
Designed	MJ	Checked	MJ
Date	02/26	Date	02/26

Drawing Number	HQ 3/12B-2	Rev	S
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