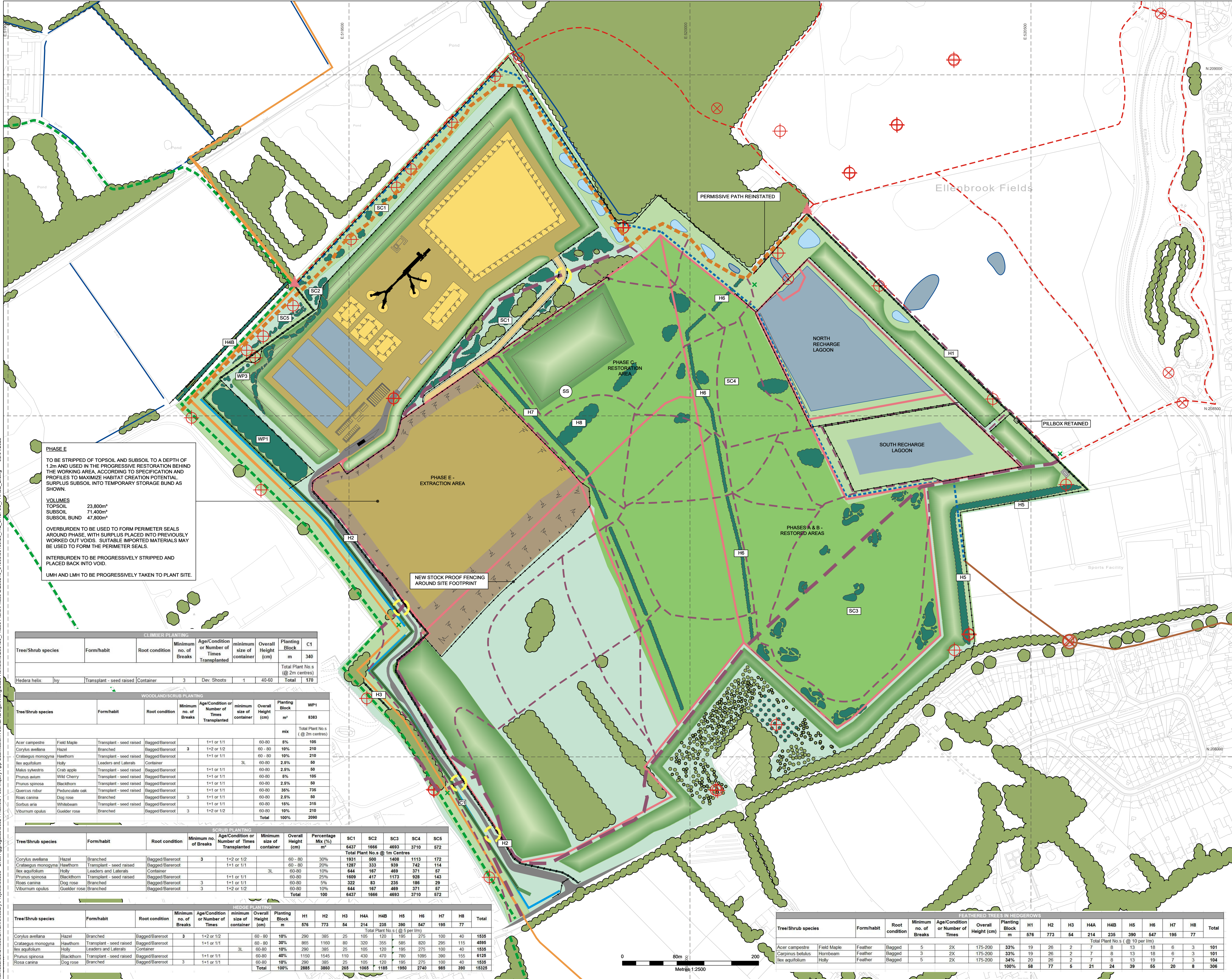


\\slr\local\au\offices\UK\Shrewsbury\Projects\08865 - Hatfield Post Inquiry App Submission\Tech\AD\Drawings\2025 Revisions\20120_Phase Plans\Phase E\260210_01009.00190.29_HQ_312_3S_Phase E.dwg 08/01/2026



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	C1	
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-50	Total	170
Total Plant No.s (@ 2m centres)									

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	
mix								Total Plant No.s (@ 2m centres)	8383
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	5%	105		
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	210	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	10%	210		
Ilex aquifolium	Holly	Leaders and Laterals	Container		3L	60-80	2.5%	60	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	2.5%	60		
Prunus avium	Wild Cherry	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	5%	105		
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	2.5%	60		
Quercus robur	Pedunculata oak	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	36%	735		
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	60	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	15%	315		
Viburnum opulus	Goulder rose	Branched	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	
Total Plant No.s (@ 1m Centres)								6437	1666	4683	1710	672	
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	30%	1931	500	1408	1113	172	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	20%	1287	333	939	742	114	
Ilex aquifolium	Holly	Leaders and Laterals	Container		3L	60-80	10%	644	167	499	371	57	
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	25%	1609	417	1173	928	148		
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83	236	186	29	
Viburnum opulus	Goulden rose	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167	469	371	57	
Total								100	6437	1666	4683	1710	672

Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	HEDGE PLANTING													Total
					Overall Height (cm)	Planting Block (m)	H1	H2	H3	H4	H4B	H5	H6	H7	H8	H9		
								576	773	54	214	235	300	547	195	77		
								Total Plant No.s (@ 5 per 1m)										
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	120	60-80	10%	290	385	25	105	120	275	100	40	1535	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1		60-80	30%	895	1160	80	320	355	585	820	295	115	4595
Ilex aquifolium	Holly	Leaders and Laterals	Container		1+1 or 1/1	3L	60-80	10%	290	385	25	105	120	195	275	100	40	1535
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	Branched	Bagged/Bareroot	3	1+1 or 1/1		60-80	10%	290	385	25	105	120	195	275	100	40	1535
							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
Total Plant No.s (@ 10 per 1m)							576	773	54
Acer campestre	Field Maple	Feather	Bagged	5	2X	175-200	33%	19	26
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26
Total							100%	58	77

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
PLANNING

Client
ROBERT BRETT & SONS LTD

Project
HATFIELD AERODROME

Drawing Title
PHASE E

Scale
1:2500

Designed
HD

Date
02/26

Checked
MJ

Date
02/26

Authorised
MJ

Date
02/26

Drawing Number
HQ 3/12

Rev
S