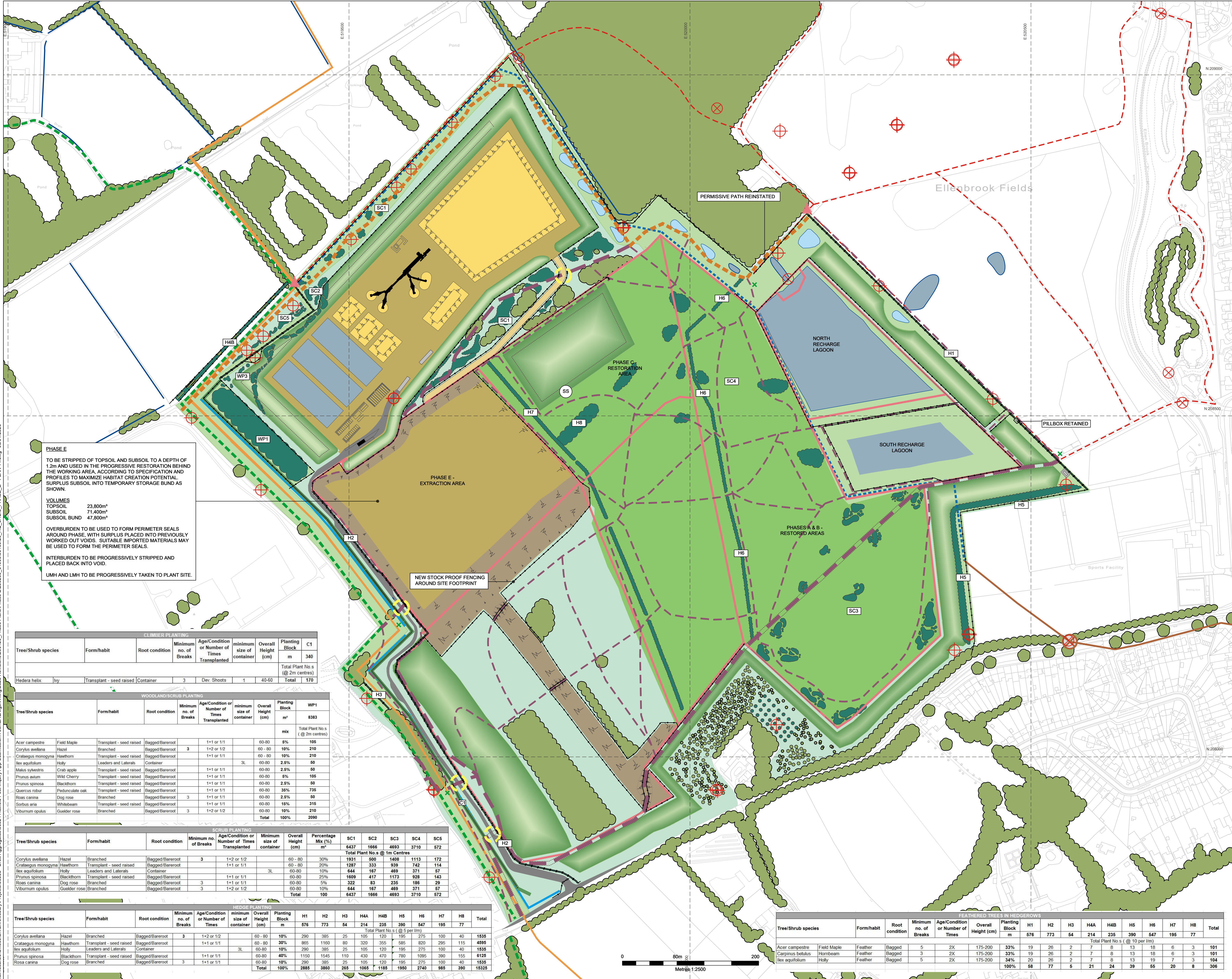




PHASE E
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND USED IN THE PROGRESSIVE RESTORATION BEHIND THE WORKING AREA, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL. SURPLUS SUBSOIL INTO TEMPORARY STORAGE BUND AS SHOWN.

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
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-60
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
Total Plant No.s (@ 2m centres)							WP1 8383
Total							2090

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
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	1931	500	1408	1113	172
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	20%	1287	333	839	742	114
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	644	167	469	371	57
Ilex aquifolium	Holly	Leaders and Laterals	Container	3L	60-80	2.5%	50	1609	417	1173	928	143
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	322	83	235	186	29
Prunus avium	Wild Cherry	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	644	167	469	371	57
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	644	167	469	371	57
Quercus robur	Pedunculata oak	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	36%	644	167	469	371	57
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	15%	644	167	469	371	57
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	15%	644	167	469	371	57
Viburnum opulus	Goulder rose	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167	469	371	57
Total							100%	6437	1666	4693	3710	572

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 (%)
Total Plant No.s (@ 1m Centres)							SC1 6437
Total							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)	Percentage Mix (%)	H1	H2	H3	H4A	H4B	H5	H6	H7	H8	Total
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	20%	290	385	25	105	120	195	275	100	40	1835
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25	105	120	195	275	100	40	1835
Ilex aquifolium	Holly	Leaders and Laterals	Container	3L	60-80	2.5%	50	1150	1545	110	430	470	780	1095	390	155	6125
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	40%	290	385	25	105	120	195	275	100	40	1835
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25	105	120	195	275	100	40	1835
Total							100%	2885	3860	265	1065	1185	1950	2740	985	390	15325

HEDGE 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
Total Plant No.s (@ 5 per 1m)							H1 576
Total							77

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 (%)	H1	H2	H3	H4A	H4B	H5	H6	H7	H8	Total
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	290	385	25	105	120	195	275	100	40	1835
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25	105	120	195	275	100	40	1835
Ilex aquifolium	Holly	Leaders and Laterals	Container	3L	60-80	2.5%	50	1150	1545	110	430	470	780	1095	390	155	6125
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	40%	290	385	25	105	120	195	275	100	40	1835
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25	105	120	195	275	100	40	1835
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	Minimum size of container	Overall Height (cm)	Planting Block
Total Plant No.s (@ 10 per 1m)							H1 576
Total							77

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 (%)	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	34%	19	26	2	7	8	13	18	6	3	101
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	100%	58	77	5	21	24	39	55	20	8	306
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
PLANNING

Client
ROBERT BRETT & SONS LTD

Project
HATFIELD AERODROME

Drawing Title
PHASE E + PERIMETER SEAL INTO PHASE F

Drawing Title					
PHASE E + PERIMETER SEAL INTO PHASE F					

Drawing Number	HQ 3/12 - 1	Rev	S
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