

Land at Hatfield Aerodrome
Planning Appeal Reference: APP/M1900/W/24/3346607
LPA Reference: PL/0232/21

DETERMINATION DRAWINGS

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Drawing No.	Drawing Title
HQ3	
HQ3/8 R	Phase A
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HQ3/15 R	Restoration Plan
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LEGEND	
B8	CONTOURS
	DIVERSED / EXISTING PUBLIC RIGHT OF WAY
	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
	PROPOSED POST AND WIRE FENCING
	MINERAL EXTRACTION AREA
	PROPOSED ACCESS ROAD
	PROPOSED HAUL ROAD
	PROPOSED INTERPRETATION BOARD
	PROPOSED SIGNAGE
	EXISTING VEGETATION
	PROPOSED ADVANCED PLANTING
	PROPOSED ADVANCED HEDGEROW PLANTING
	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)

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	C1	
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-60	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	WP1	
							m ²	8383	
								Total Plant No.s (@ 2m centres)	
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%	50	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	2.5%	50		
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%	50		
Quercus robur	Pedunculate oak	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	35%	735		
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	50	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	15%	315		
Viburnum opulus	Gelder 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	SC5
							m ²	6437	1666	572
							Total Plant No.s @ 1m Centres			
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	30%	1931	500	172
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1		60-80	20%	1287	333	114
Ilex aquifolium	Holly	Leaders and Laterals	Container		3L	60-80	10%	644	167	57
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1		60-80	25%	1609	417	143
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83	29
Viburnum opulus	Gelder rose	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167	57
						Total	100	6437	1666	572

Tree/Shrub species		Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	Minimum size of container	Overall Height (cm)	Planting Block	H1	H2	H3	H4A	H4B	H5	Total	
								m	575	773	54	214	235	390		
								Total Plant No.s (@ 5 per 1m)								
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2		60 - 80	10%	290	385	25	105	120	195	1120	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1		60 - 80	30%	985	1160	80	320	355	585	3385	
Ilex aquifolium	Holly	Leaders and Laterals	Container			3L	60-80	10%	290	385	25	105	120	195	1120	
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1		60-80	40%	1150	1545	110	430	470	780	4485	
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1		60-80	10%	290	385	25	105	120	195	1120	
								Total	100%	2885	3860	265	1065	1185	1950	11210

FEATHERED TREES IN HEDGEROWS														
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	Overall Height (cm)	Planting Block	H1	H2	H3	H4A	H4B	H5	Total	
							576	773	54	214	235	390		
							Total Plant No.s @ (10 per 1m)							
Acer campestre	Field Maple	Feather	Bagged	5	2X	175-200	33%	19	26	2	7	8	13	74
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26	2	7	8	13	74
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26	2	7	8	13	76
							100%	58	77	5	21	24	39	224

ALL INTERBURDEN AND SURPLUS OVERBURDEN TO BE PLACED WITHIN WORKING VOID EITHER AS FILL, ENGINEERING MATERIAL OR AS TEMPORARY STOCKPILES

EXTRA PLANTING ON BUND TO BE CARRIED OUT AFTER CONSTRUCTION

STANDOFF FROM PROPOSED BUND AND FENCE TO ALLOW 4X4 ACCESS FOR BOREHOLE MONITORING

PHASE A
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND PLACED INTO TEMPORARY STORAGE AROUND PERIMETER.
VOLUMES
TOPSOIL 19,100m³
SUBSOIL 57,500m³

TO BE STRIPPED OF OVERBURDEN AND USED TO FORM PERIMETER SEALS AROUND PHASE, WITH SURPLUS PLACED INTO WORKED OUT VOID. 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.

PROPOSED PERIMETER BUND
BUND EXTENDED ALONG HATFIELD ROAD AND AROUND POPEFIELD FARM.
BUND'S HAVE AN ADDITIONAL CAPACITY OF 77,200m³. TOPSOIL BUNDS ARE 3M HIGH AND SUBSOIL BUNDS ARE 5M HIGH EXCEPT ALONG HATFIELD ROAD WHERE THE BUND HEIGHT IS LIMITED TO 4M WITH 1:2 SIDE SLOPES. 5M STAND OFF FROM TOE OF BUND TO EXTRACTION AREA AND SITE BOUNDARY.
TOPSOIL TO BE STRIPPED FROM BENEATH SUBSOIL STORAGE IN ADVANCE. ALL BUNDS TO BE GRASS SEED. CONTRASTING UNITS TO BE SEPARATED BY GEOTEXTILE

22.10.19, D:\009.001\90.29_HQ_3.8_R_PHASE A.dwg

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HATFIELD AERODROME
PLANNING APPLICATION
PHASE A
HQ 3/8 R

Scale 1:2,500 @ A1
Date OCTOBER 2022



PHASE B
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND PLACED INTO TEMPORARY STORAGE TO PERIMETER / PHASE G.

VOLUMES
TOPSOIL 21,500m³
SUBSOIL 64,000m³

TO BE STRIPPED OF OVERBURDEN AND USED TO FORM PERIMETER SEALS AROUND PHASE, WITH SURPLUS PLACED INTO WORKED OUT VOID IN PHASE A OR PHASE B. SUITABLE IMPORTED MATERIALS MAY BE USED TO FORM THE PERIMETER SEALS.

INTERBURDEN TO BE PROGRESSIVELY STRIPPED AND PLACED BACK INTO VOID.

LMH 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	40-60	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	
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	6%	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	2.5%	50	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	2.5%	50	
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%	50	
Quercus robur	Pedunculate oak	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	35%	735	
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	50	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	15%	315	
Viburnum opulus	Gaulther 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
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	30%	1931	500
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	20%	1287	333
Ilex aquifolium	Holly	Leaders and Laterals	Container			3L	10%	644	167
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	25%	1609	417
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83
Viburnum opulus	Gaulther rose	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167
Total							100	6437	1666

HEDGER 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	H1	H2
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	290	385
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	30%	865	1160
Ilex aquifolium	Holly	Leaders and Laterals	Container			3L	10%	290	385
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	40%	1150	1545
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385
Total							100%	2885	3860

FEATHERED TREES IN HEDGEROWS														
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	Overall Height (cm)	Planting Block m	H1	H2	H3	H4A	H4B	H5	Total	
Acer campestre	Field Maple	Feather	Bagged	5	2X	175-200	33%	19	26	2	7	8	13	74
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26	2	7	8	13	74
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26	2	7	8	13	76
Total							100%	58	77	5	21	24	39	224

- LEGEND**
- 88 CONTOURS
 - DIVERTED / EXISTING PUBLIC RIGHT OF WAY
 - 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
 - PROPOSED POST AND WIRE FENCING
 - MINERAL EXTRACTION AREA
 - PROPOSED ACCESS ROAD
 - PROPOSED HAUL ROAD
 - PROPOSED INTERPRETATION BOARD
 - PROPOSED SIGNAGE
 - EXISTING VEGETATION
 - PROPOSED ADVANCED PLANTING
 - PROPOSED ADVANCED HEDGEROW PLANTING
 - 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)



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HATFIELD AERODROME
PLANNING APPLICATION
PHASE B
HQ 3/9 R

Scale 1:2,500 @ A1
Date OCTOBER 2022

221018_01009.0119120.HQ_3.3.R_PHASE B.dwg



PHASE C
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND DIRECT PLACED ONTO PREVIOUSLY PREPARED FORMATION LEVELS IN PHASE A, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL.

VOLUMES
TOPSOIL 19,800m³
SUBSOIL 59,400m³

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.

TEMP DIVIDING BUND BETWEEN PHASE B AND C
TO BE REMOVED AND PLACED INTO ADJACENT VOID OR USED TO FORM SEAL ELSEWHERE

PERMISSIVE PATH CLOSED

PERMISSIVE FOOTPATH DIVERTED AROUND WORKING AREA

NEW STOCK PROOF FENCING AROUND SITE FOOTPRINT

PILLBOX RETAINED

PHASE A RESTORED TO 5.9Ha OF UNIMPROVED NEUTRAL-ACIDIC GRASSLAND

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	C1	
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-60	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	WP1	
							m²	Total	8383
							mix	Total Plant No.s (@ 2m centres)	
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%	50	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	2.5%	50		
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%	50		
Quercus robur	Pedunculate oak	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	35%	735		
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	50	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	15%	315		
Viburnum opulus	Gelder 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
							m²	6437	1666
							Total Plant No.s @ 1m Centres	4693	572
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60 - 80	30%	1931	500
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60 - 80	20%	1287	333	939
Ilex aquifolium	Holly	Leaders and Laterals	Container		3L	60-80	10%	644	167
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	25%	1609	417	1173
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83
Viburnum opulus	Gelder rose	Branched	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167
							Total	100	6437

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	H1	H2
							m	576	773
							Total Plant No.s (@ 5 per 1m)	54	214
Corylus avellana	Hazel	Branched	Bagged/Bareroot	3	1+2 or 1/2	60 - 80	10%	290	385
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60 - 80	30%	865	1160	80
Ilex aquifolium	Holly	Leaders and Laterals	Container		3L	60-80	10%	290	385
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	40%	1150	1545	110
Rosa canina	Dog rose	Branched	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385
							Total	2885	3860

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	H1	H2	H3
							m	576	773
							Total Plant No.s (@ 10 per 1m)	54	214
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
							100%	58	77

- LEGEND**
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 - TOPSOIL STORAGE MOUND
 - SUBSOIL STORAGE MOUND
 - BUND WITH ACOUSTIC FENCE ON TOP
 - LIMIT OF LOWER MINERAL EXTRACTION (100m OFFSET)



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HATFIELD AERODROME
PLANNING APPLICATION
PHASE C
HQ 3/10 R

Scale 1:2,500 @ A1 Date OCTOBER 2022



221019_010009.00190129_HQ_3/11_R_PHASE D.dwg
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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	C1	
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-50	Total Plant No.s (@ 2m centres)	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	WP1	
							m²	Total Plant No.s (@ 2m centres)	
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	5%	105		
Corylus avellana	Hazel	Transplant - seed raised	Bagged/Bareroot	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	Transplant - seed raised	Container	Leaders and Laterals	3L	60-80	2.5%	50	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	2.5%	50		
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%	50		
Quercus robur	Pedunculata oak	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	35%	735		
Rosa canina	Dog rose	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	2.5%	50		
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	15%	315		
Viburnum opulus	Goulden rose	Transplant - seed raised	Bagged/Bareroot	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	
Corylus avellana	Hazel	Transplant - seed raised	Bagged/Bareroot	1+2 or 1/2	60-80	30%	1931	500	1408
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	20%	1287	333	939
Ilex aquifolium	Holly	Transplant - seed raised	Container	Leaders and Laterals	3L	60-80	10%	644	167
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	25%	1609	417	1173
Rosa canina	Dog rose	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	5%	322	83	235
Viburnum opulus	Goulden rose	Transplant - seed raised	Bagged/Bareroot	1+2 or 1/2	60-80	10%	644	167	469
Total							100	6437	1666

HEDGEROW 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	H1	H2
							m	H3	H4
								H5	H6
Corylus avellana	Hazel	Transplant - seed raised	Bagged/Bareroot	1+2 or 1/2	60-80	10%	290	385	25
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	30%	895	1160	80
Ilex aquifolium	Holly	Transplant - seed raised	Container	Leaders and Laterals	3L	60-80	10%	290	385
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	40%	1150	1545	110
Rosa canina	Dog rose	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1	60-80	10%	290	385	25
Total							100%	2885	3860

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PHASE B RESTORED TO 7.1ha OF UNIMPROVED NEUTRAL-ACIDIC GRASSLAND AND 730m² OF CALCAREOUS GRASSLAND

NEW STOCK PROOF FENCING AROUND SITE FOOTPRINT

PHASE D
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND DIRECT PLACED ONTO PREVIOUSLY PREPARED FORMATION LEVELS IN PHASE B, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL

VOLUMES
TOPSOIL 17,000m³
SUBSOIL 51,000m³

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.

FEATHERED TREES IN HEDGEROWS															
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	Overall Height (cm)	Planting Block	H1	H2	H3	H4A	H4B	H5	H6	Total	
							576	773	64	214	235	390	547		
Total Plant No. s (@ 10 per 1m)															
Acer campestre	Field Maple	Feather	Bagged	3	2X	175-200	33%	19	26	2	7	6	13	18	92
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26	2	6	8	13	16	92
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26	2	7	8	13	19	95
							100%	58	77	5	21	24	39	55	279

LEGEND

- 80 CONTOURS
- DIVERTED / EXISTING PUBLIC RIGHT OF WAY
- 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_Z5_16351
- PROPOSED ACOUSTIC FENCING
- PROPOSED STOCK PROOF FENCING
- PROPOSED POST AND WIRE FENCING
- MINERAL EXTRACTION AREA
- PROPOSED ACCESS ROAD
- PROPOSED HAUL ROAD
- PROPOSED INTERPRETATION BOARD
- PROPOSED SIGNAGE
- EXISTING VEGETATION
- PROPOSED ADVANCED PLANTING
- PROPOSED ADVANCED HEDGEROW PLANTING
- PROPOSED AREA OF DISTURBANCE FROM SITE PREPARATION WORKS
- PROPOSED PERIMETER SCREENING/STORAGE BUNDS
- PROPOSED PERIMETER SEALS
- PROPOSED RESTORATION AREA
- TOPSOIL STORAGE MOUND
- SUBSOIL STORAGE MOUND
- BUND WITH ACOUSTIC FENCE ON TOP
- LIMIT OF LOWER MINERAL EXTRACTION (100m OFFSET)

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HATFIELD AERODROME
PLANNING PHASE D
HQ 3/11 R

Scale 1:2,500 @ A1 Date OCTOBER 2022



PHASE E
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND DIRECT PLACED ONTO PREVIOUSLY PREPARED FORMATION LEVELS IN PHASE C, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL AND 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	C1		
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev Shoots	1	40-60	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	WP1	
							m²	Total Plant No.s (@ 2m Centres)	
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1		60-80	5%	105	
Corylus avellana	Hazel	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%	50	
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1		60-80	2.5%	50	
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%	50	
Quercus robur	Pedunculata oak	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1		60-80	35%	735	
Rosa canina	Dog rose	Branches	Bagged/Bareroot	1+1 or 1/1		60-80	2.5%	50	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot	1+1 or 1/1		60-80	15%	315	
Viburnum opulus	Guelder rose	Branches	Bagged/Bareroot	3	1+2 or 1/2		60-80	10%	210
							Total	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
								6437	1666	4693
								Total Plant No.s @ 1m Centres		
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	30%	1931	500	1408
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	20%	1287	333	939
Ilex aquifolium	Holly	Leaders and Laterals	Container			60-80	10%	644	167	469
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	25%	1609	417	1173
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83	235
Viburnum opulus	Guelder rose	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167	469
							Total	6437	1666	4693

HEDGE PLANTING										
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	Overall Height (cm)	Planting Block	H1	H2	H3	H4A
							576	773	54	214
							Total Plant No.s (@ 5 per 1m)			
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	290	385	25
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	30%	865	1160	80
Ilex aquifolium	Holly	Leaders and Laterals	Container			60-80	10%	290	385	25
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	40%	1150	1545	110
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25
							Total	2885	3860	265

FEATHERED TREES IN HEDGEROWS										
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	Overall Height (cm)	Planting Block	H1	H2	H3	H4A
							576	773	54	214
							Total Plant No.s (@ 10 per 1m)			
Acer campestre	Field Maple	Feather	Bagged	5	2X	175-200	33%	19	26	2
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26	2
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26	2
							100%	58	77	5

LEGEND

- 80 CONTOURS
- DIVERTED / EXISTING PUBLIC RIGHT OF WAY
- 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_2S_16351
- PROPOSED ACOUSTIC FENCING
- PROPOSED STOCK PROOF FENCING
- PROPOSED POST AND WIRE FENCING
- MINERAL EXTRACTION AREA
- PROPOSED ACCESS ROAD
- PROPOSED HAUL ROAD
- PROPOSED INTERPRETATION BOARD
- PROPOSED SIGNAGE
- EXISTING VEGETATION
- PROPOSED ADVANCED PLANTING
- PROPOSED ADVANCED HEDGEROW PLANTING
- PROPOSED AREA OF DISTURBANCE FROM SITE PREPARATION WORKS
- PROPOSED PERIMETER SCREENING/STORAGE BUNDS
- PROPOSED PERIMETER SEALS
- PROPOSED RESTORATION AREA
- TS TOPSOIL STORAGE MOUND
- SS SUBSOIL STORAGE MOUND
- BUND WITH ACOUSTIC FENCE ON TOP
- LIMIT OF LOWER MINERAL EXTRACTION (100m OFFSET)

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HATFIELD AERODROME
PLANNING APPLICATION
PHASE E
HQ 3/12 R

Scale 1:2,500 @ A1 Date OCTOBER 2022

221019_01009.010029_HQ_3.12_R_PHASE E.dwg



PHASE F
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND DIRECT PLACED ONTO PREVIOUSLY PREPARED FORMATION LEVELS IN PHASE D, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL

VOLUMES
TOPSOIL 16,500m³
SUBSOIL 49,600m³

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	C1	
Hedera helix	Ivy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-60	Total Plant No.s (@ 2m centres)	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	WP1	
							m²	Total Plant No.s (@ 2m centres)	8383
							mix		
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	105	
Corylus avellana	Hazel	Branches	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%	50
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	2.5%	50	
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%	50	
Quercus robur	Pedunculata oak	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	30%	735	
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	50	
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	5%	315	
Viburnum opulus	Guelder rose	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	210	
							Total	100%	2090

SCBPL PLANT LISTING													
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 size (%)	SC1	SC2	SC3	SC4	SC5	
							Total Plant no. @ 1m Centres	6437	1666	4693	3970	572	
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	30%	1931	500	1408	1191	172	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	20%	1287	333	939	794	114	
Ilex aquifolium	Holly	Leaders and Laterals	Container			3L	10%	644	167	469	397	57	
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	25%	1609	417	1173	993	143	
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83	235	199	29	
Viburnum opulus	Guelder rose	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167	469	397	57	
							Total	100	6437	1666	4693	3970	572

Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times Transplanted	minimum size of container	MEDIE PLANTING												Total
						Overall Height (cm)	Planting Block m	H1	H2	H3	H4A	H4B	H5	H6	H7	H8		
Corylus avellana	Hazel	Branches	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	290	385	25	105	120	195	275	285	40	1720	
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	30%	385	1160	90	320	355	585	920	990	115	6160	
Ilex aquifolium	Holly	Leaders and Laterals	Container			3L	10%	290	385	25	105	120	195	275	285	40	1720	
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	40%	1150	1545	110	430	470	780	1095	1145	155	6880	
Rosa canina	Dog rose	Branches	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385	25	105	120	195	275	285	40	1720	
						Total	100%	2885	3860	265	1065	1185	1950	2740	2860	390	17200	

FEATHERED TREES IN HERDEGROWS																	
Tree/Shrub species	Form/habit	Root condition	Minimum no. of Breaks	Age/Condition or Number of Times	Overall Height (cm)	Planting Block m	H1	H2	H3	H4A	H4B	H5	H6	H7	H8	Total	
							576	773	54	214	235	390	547	379	77		
							Total Plant No.s @ 10 per 1m										
Acer campestre	Field Maple	Feather	Bagged	5	2X	175-200	33%	19	26	2	7	8	13	18	13	3	107
Carpinus betulus	Hornbeam	Feather	Bagged	3	2X	175-200	33%	19	26	2	7	8	13	18	13	3	107
Ilex aquifolium	Holly	Feather	Bagged	5	2X	175-200	34%	20	26	2	7	8	13	19	13	3	110
							100%	58	77	5	21	24	39	55	38	8	325

LEGEND

- 88 CONTOURS
- DIVERTED / EXISTING PUBLIC RIGHT OF WAY
- PERMISSIVE FOOTPATH
- EXISTING WATERCOURSE
- PROPOSED WATERCOURSE OPEN CHANNEL
- PROPOSED NAST WATERCOURSE CULVERT
- 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_25_16351
- PROPOSED ACOUSTIC FENCING
- PROPOSED STOCK PROOF FENCING
- PROPOSED POST AND WIRE FENCING
- MINERAL EXTRACTION AREA
- PROPOSED ACCESS ROAD
- PROPOSED HAUL ROAD
- PROPOSED INTERPRETATION BOARD
- PROPOSED SIGNAGE
- EXISTING VEGETATION
- PROPOSED ADVANCED PLANTING
- PROPOSED ADVANCED HEDGEROW PLANTING
- PROPOSED AREA OF DISTURBANCE FROM SITE PREPARATION WORKS
- PROPOSED PERIMETER SCREENING/STORAGE BUNDS
- PROPOSED PERIMETER SEALS
- PROPOSED RESTORATION AREA
- CALCARIOUS GRASSLAND
- BUND WITH ACOUSTIC FENCE ON TOP

HATFIELD AERODROME
PLANNING APPLICATION
PHASE F
HQ 3/13 R

Scale 1:2,500 @ A1 Date OCTOBER 2022

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- LEGEND
- B8

CONTOURS

DIVERTED / EXISTING PUBLIC RIGHT OF WAY

PERMISSIVE FOOTPATH

EXISTING WATERCOURSE

PROPOSED WATERCOURSE OPEN CHANNEL

PROPOSED NAST WATERCOURSE CULVERT

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_25_16351

PROPOSED ACOUSTIC FENCING

PROPOSED STOCK PROOF FENCING

MINERAL EXTRACTION AREA

PROPOSED ACCESS ROAD

PROPOSED HAUL ROAD

PROPOSED INTERPRETATION BOARD

PROPOSED SIGNAGE

EXISTING VEGETATION

PROPOSED ADVANCED PLANTING

PROPOSED ADVANCED HEDGEROW PLANTING

PROPOSED AREA OF DISTURBANCE FROM SITE PREPARATION WORKS

PROPOSED PERIMETER SCREENING/STORAGE BUNDS

PROPOSED PERIMETER SEALS

PROPOSED RESTORATION AREA

CALCAREOUS GRASSLAND

BUND WITH ACOUSTIC FENCE ON TOP

LIMIT OF LOWER MINERAL EXTRACTION (100m OFFSET)

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	C1	
Hedera helix	hvy	Transplant - seed raised	Container	3	Dev. Shoots	1	40-60	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	WP1	WP3
							m ²	8383	4525
							Total Plant No.s (@ 2m centres)		
Acer campestre	Field Maple	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	5%	105	55
Corylus avellana	Hazel	Transplant - seed raised	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	210	115
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	10%	210	115
Ilex aquifolium	Holly	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	2.5%	50	30
Malus sylvestris	Crab apple	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	2.5%	50	30
Prunus avium	Wild Cherry	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	5%	105	55
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	2.5%	50	30
Quercus robur	Pedunculate oak	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	35%	735	395
Rosa canina	Dog rose	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	2.5%	50	30
Sorbus aria	Whitebeam	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	15%	315	170
Viburnum opulus	Gelder rose	Transplant - seed raised	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	210	115
							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
							Total Plant No.s (@ 1m Centres)		
Corylus avellana	Hazel	Transplant - seed raised	Bagged/Bareroot	3	1+2 or 1/2	60-80	30%	1931	500
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	20%	1287	333
Ilex aquifolium	Holly	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	10%	644	167
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	25%	1609	417
Rosa canina	Dog rose	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	5%	322	83
Viburnum opulus	Gelder rose	Transplant - seed raised	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	644	167
							Total	100	6437

HEDGEROW 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	H1	H2
							Total Plant No.s (@ 5 per 1m)		
Corylus avellana	Hazel	Transplant - seed raised	Bagged/Bareroot	3	1+2 or 1/2	60-80	10%	290	385
Crataegus monogyna	Hawthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	30%	885	1160
Ilex aquifolium	Holly	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	10%	290	385
Prunus spinosa	Blackthorn	Transplant - seed raised	Bagged/Bareroot		1+1 or 1/1	60-80	40%	1150	1545
Rosa canina	Dog rose	Transplant - seed raised	Bagged/Bareroot	3	1+1 or 1/1	60-80	10%	290	385
							Total	100%	2885

PHASE G
TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1.2m AND DIRECT PLACED ONTO PREVIOUSLY PREPARED FORMATION LEVELS IN PHASE E, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL.

VOLUMES
TOPSOIL 16,800m³
SUBSOIL 44,500m³
TOPSOIL AND SUBSOIL BUND 46,100m³

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.

INTERBUNDEN TO BE PROGRESSIVELY STRIPPED AND PLACED BACK INTO VOID AS 2m THICK GEOLOGICAL SEAL.

UMH AND LMH TO BE PROGRESSIVELY TAKEN TO PLANT SITE.

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	H1	H2	H3
							Total Plant No.s (@ 10 per 1m)		
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
							100%	58	77

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SLR

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HATFIELD AERODROME

PLANNING APPLICATION

PHASE G

HQ 3/14 R

Scale 1:2,500 @ A1

Date OCTOBER 2022

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