



- 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_Z6_16351
 - PROPOSED ACOUSTIC FENCING
 - PROPOSED STOCK PROOF FENCING
 - PROPOSED POST AND WIRE FENCING
 - MINERAL EXTRACTION AREA
 - 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
 - TS TOPSOIL STORAGE MOUND
 - SS SUBSOIL STORAGE MOUND
 - BUND WITH ACOUSTIC FENCE ON TOP
 - LIMIT OF LOWER MINERAL EXTRACTION (100m OFFSET)

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 SIDES. 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

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	WP2	
								3494	
								Total Plant No's (@ 2m centres)	
Acer campestre	Field Maple	Transplant - seed raised		1+1 or 1/1		60-80	5%	45	
Corylus avellana	Hazel	Branched		1+2 or 1/2		60 - 80	10%	85	
Crataegus monogyna	Hawthorn	Transplant - seed raised		1+1 or 1/1		60 - 80	10%	85	
Ilex aquifolium	Holly	Leaders and Laterals			3L	60-80	2.5%	20	
Malus sylvestris	Crab apple	Transplant - seed raised		1+1 or 1/1		60-80	2.5%	20	
Prunus avium	Wild Cherry	Transplant - seed raised		1+1 or 1/1		60-80	5%	45	
Prunus spinosa	Blackthorn	Transplant - seed raised		1+1 or 1/1		60-80	2.5%	20	
Quercus robur	Pedunculate oak	Transplant - seed raised		1+1 or 1/1		60-80	35%	305	
Rosa canina	Dog rose	Branched		1+1 or 1/1		60-80	2.5%	20	
Sorbus aria	Whitebeam	Transplant - seed raised		1+1 or 1/1		60-80	15%	130	
Viburnum opulus	Gelder rose	Branched		1+2 or 1/2		60-80	10%	85	
						Total	100%	860	



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HATFIELD AERODROME
PLANNING AUTHORITY
PHASE A
HQ 3/8

Scale 1:2,500 @ A1 Date AUGUST 2021