



**Legend:**

- SLOPE
- DIVERTED / EXISTING PUBLIC RIGHT OF WAY
- INITIAL BRIDLEWAY
- PERMISSIVE FOOTPATH
- EXISTING WATERCOURSE
- RETAINED BOREHOLES
- PROPOSED WATERCOURSE
- 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\_Z8\_Z8\_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 D + PERIMETER SEAL INTO PHASE E**

Scale: 1:2500 @ A1

SLR Project No: 403.065431.00001

|             |            |            |               |
|-------------|------------|------------|---------------|
| Designed MJ | Drawn HD   | Checked MJ | Authorised MJ |
| Date 02/26  | Date 02/26 | Date 02/26 | Date 02/26    |

Drawing Number: **HQ 3/11 - 1**

Rev: **S**

| 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                   | 40-60            |
|                    |            |                          |                       |                                               |                           |                     | 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                             |
|                         |                 |                          |                       |                                               |                           |                     | 8383                            |
|                         |                 |                          |                       |                                               |                           |                     | Total Plant No.s (@ 2m centres) |
| Acer campestre          | Field Maple     | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 6%                              |
| Corylus avellana        | Hazel           | Branches                 | Bagged/Bareroot       | 1+2 or 1/2                                    |                           | 60-80               | 10%                             |
| Crataegus monogyna      | Hawthorn        | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 10%                             |
| Ilex aquifolium         | Holly           | Leaders and Laterals     | Container             |                                               | 3L                        | 60-80               | 2.5%                            |
| Malus sylvestris        | Crab apple      | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 2.5%                            |
| Prunus avium            | Wild Cherry     | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 5%                              |
| Prunus spinosa          | Blackthorn      | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 2.5%                            |
| Quercus robur           | Pedunculate oak | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 35%                             |
| Rosa canina             | Dog rose        | Branches                 | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 2.5%                            |
| Sorbus aria             | Whitebeam       | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 45%                             |
| Viburnum opulus         | Guelder rose    | Branches                 | Bagged/Bareroot       | 1+2 or 1/2                                    |                           | 60-80               | 10%                             |
|                         |                 |                          |                       |                                               |                           |                     | Total 100%                      |

| 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 (%)            |
|                    |              |                          |                       |                                               |                           |                     | m²                            |
|                    |              |                          |                       |                                               |                           |                     | SC1 SC2 SC3 SC4 SC5           |
|                    |              |                          |                       |                                               |                           |                     | Total Plant No.s @ 1m Centres |
| Corylus avellana   | Hazel        | Branches                 | Bagged/Bareroot       | 1+2 or 1/2                                    |                           | 60-80               | 30%                           |
| Crataegus monogyna | Hawthorn     | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 20%                           |
| Ilex aquifolium    | Holly        | Leaders and Laterals     | Container             |                                               | 3L                        | 60-80               | 10%                           |
| Prunus spinosa     | Blackthorn   | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 25%                           |
| Rosa canina        | Dog rose     | Branches                 | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 5%                            |
| Viburnum opulus    | Guelder rose | Branches                 | Bagged/Bareroot       | 1+2 or 1/2                                    |                           | 60-80               | 10%                           |
|                    |              |                          |                       |                                               |                           |                     | Total 100                     |

| 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 m              |
|                    |            |                          |                       |                                               |                           |                     | H1 H2 H3 H4A H4B H5 H6 Total  |
|                    |            |                          |                       |                                               |                           |                     | Total Plant No.s (@ 5 per 1m) |
| Corylus avellana   | Hazel      | Branches                 | Bagged/Bareroot       | 1+2 or 1/2                                    |                           | 60-80               | 10%                           |
| Crataegus monogyna | Hawthorn   | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 30%                           |
| Ilex aquifolium    | Holly      | Leaders and Laterals     | Container             |                                               | 3L                        | 60-80               | 10%                           |
| Prunus spinosa     | Blackthorn | Transplant - seed raised | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 40%                           |
| Rosa canina        | Dog rose   | Branches                 | Bagged/Bareroot       | 1+1 or 1/1                                    |                           | 60-80               | 10%                           |
|                    |            |                          |                       |                                               |                           |                     | Total 100%                    |

**PHASE D**

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.

**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 m | H1                             | H2  | H3 | H4A | H4B | H5  | H6  |
|                              |             |                |                       |                                  |                     |                  | 576                            | 773 | 54 | 214 | 235 | 390 | 547 |
|                              |             |                |                       |                                  |                     |                  | Total Plant No.s (@ 10 per 1m) |     |    |     |     |     |     |
| Acer campestre               | Field Maple | Feather        | Bagged                | 5                                | 2X                  | 175-200          | 33%                            | 19  | 26 | 2   | 7   | 8   | 13  |
| Carpinus betulus             | Hornbeam    | Feather        | Bagged                | 3                                | 2X                  | 175-200          | 33%                            | 19  | 26 | 2   | 7   | 8   | 13  |
| Ilex aquifolium              | Holly       | Feather        | Bagged                | 5                                | 2X                  | 175-200          | 34%                            | 20  | 26 | 2   | 7   | 8   | 13  |
|                              |             |                |                       |                                  |                     |                  | 100%                           | 58  | 77 | 5   | 21  | 24  | 39  |