

# A47 Blofield to North Burlingham Dualling

**Scheme Number: TR010040**

## **Volume 6 6.8 Masterplan**

APFP Regulation 5(2)(o)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009

December 2020

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning  
(Applications: Prescribed Forms and  
Procedure) Regulations 2009**

A47 Blofield to North Burlingham  
Development Consent Order 202[x]

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**MASTERPLAN**

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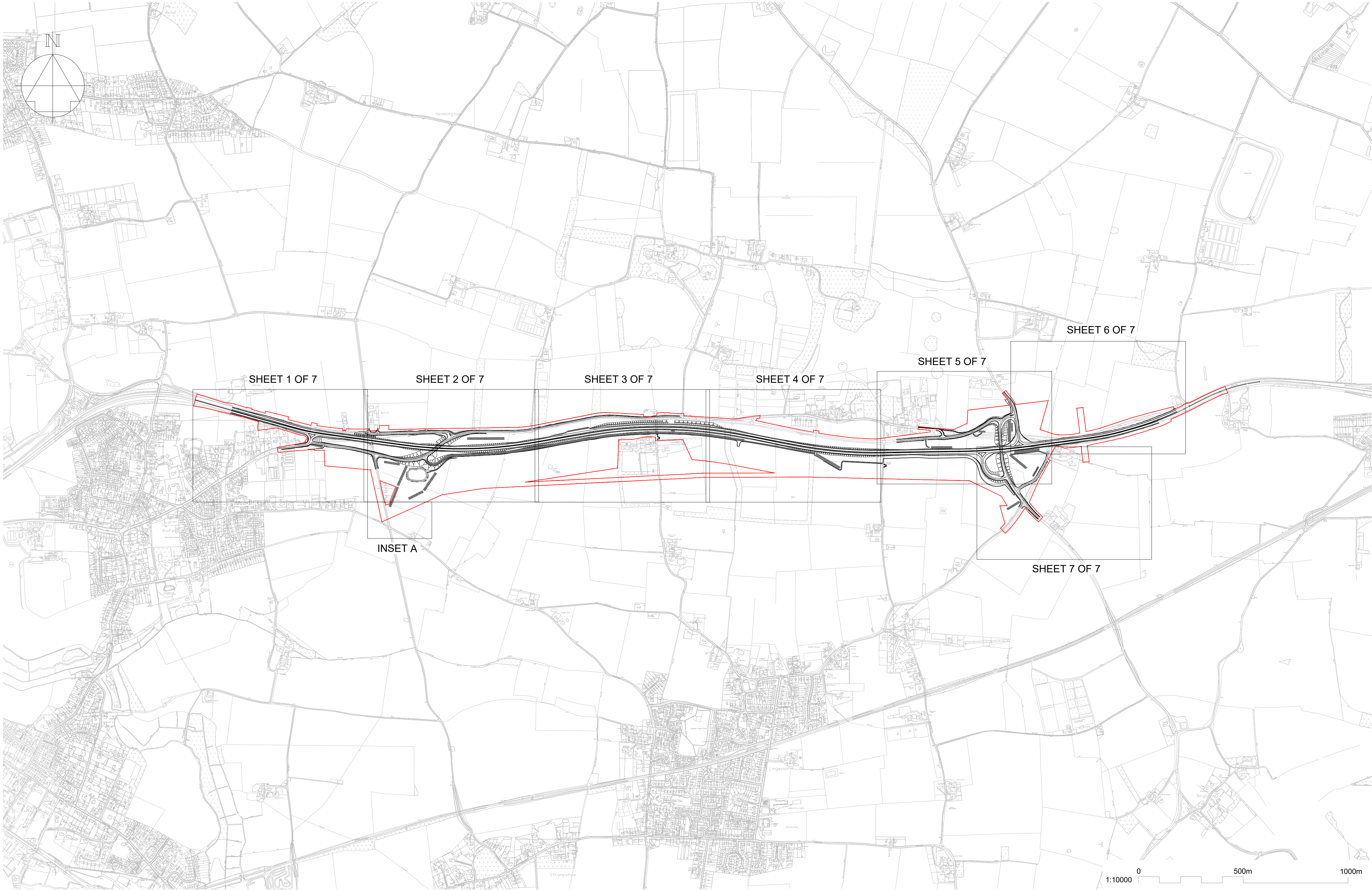
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|-----------------------------------------------|-----------------------------------------------------------------------------|
| <b>Regulation Number:</b>                     | Regulation 5(2)(o)                                                          |
| <b>Planning Inspectorate Scheme Reference</b> | TR010040                                                                    |
| <b>Application Document Reference</b>         | 6.8                                                                         |
| <b>Author:</b>                                | A47 Blofield to North Burlingham Dualling<br>Project Team, Highways England |

| <b>Version</b> | <b>Date</b>   | <b>Status of Version</b> |
|----------------|---------------|--------------------------|
| Rev 0          | December 2020 | Application Issue        |

## **SCHEDULE OF FIGURES INCLUDED IN THIS APPLICATION DOCUMENT**

| Figure Title                                      | Drawing number                   |
|---------------------------------------------------|----------------------------------|
| Masterplan – Key Plan                             | HE551490-GTY-ELS-000-DR-LX-30070 |
| Masterplan – Sheet 1 of 7                         | HE551490-GTY-ELS-000-DR-LX-30001 |
| Masterplan – Sheet 2 of 7                         | HE551490-GTY-ELS-000-DR-LX-30002 |
| Masterplan – Sheet 3 of 7                         | HE551490-GTY-ELS-000-DR-LX-30003 |
| Masterplan – Sheet 4 of 7                         | HE551490-GTY-ELS-000-DR-LX-30004 |
| Masterplan – Sheet 5 of 7                         | HE551490-GTY-ELS-000-DR-LX-30005 |
| Masterplan – Sheet 6 of 7                         | HE551490-GTY-ELS-000-DR-LX-30006 |
| Masterplan – Sheet 7 of 7                         | HE551490-GTY-ELS-000-DR-LX-30007 |
| Masterplan – Schedule of plants – Indicative List | HE551490-GTY-ELS-000-DR-LX-30101 |





- NOTES
1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
  2. THESE PLANS SHOULD BE READ IN CONJUNCTION WITH DRAWINGS:  
HE551490-GTY-ELS-000-DR-LX-30001 SHEET 1 OF 7  
HE551490-GTY-ELS-000-DR-LX-30002 SHEET 2 OF 7  
HE551490-GTY-ELS-000-DR-LX-30003 SHEET 3 OF 7  
HE551490-GTY-ELS-000-DR-LX-30004 SHEET 4 OF 7  
HE551490-GTY-ELS-000-DR-LX-30005 SHEET 5 OF 7  
HE551490-GTY-ELS-000-DR-LX-30006 SHEET 6 OF 7  
HE551490-GTY-ELS-000-DR-LX-30007 SHEET 7 OF 7

KEY TO SYMBOLS

— RED LINE BOUNDARY

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| P01 | 04/12/20 | FOR ISSUE     |  | MH  | RMea | MMur  |
| REV | DATE     | REVISION NOTE |  | ORG | CHKD | APP'D |

DESIGNER

**SWECO** 

CONTRACTOR



CLIENT



PROJECT TITLE

A47 BLOFIELD TO  
NORTH BURLINGHAM DUALLING

PROJECT STAGE

PCF STAGE 3

DRAWING TITLE

MASTERPLAN  
KEY PLAN  
TR010040/APP/6.8

SUITABILITY

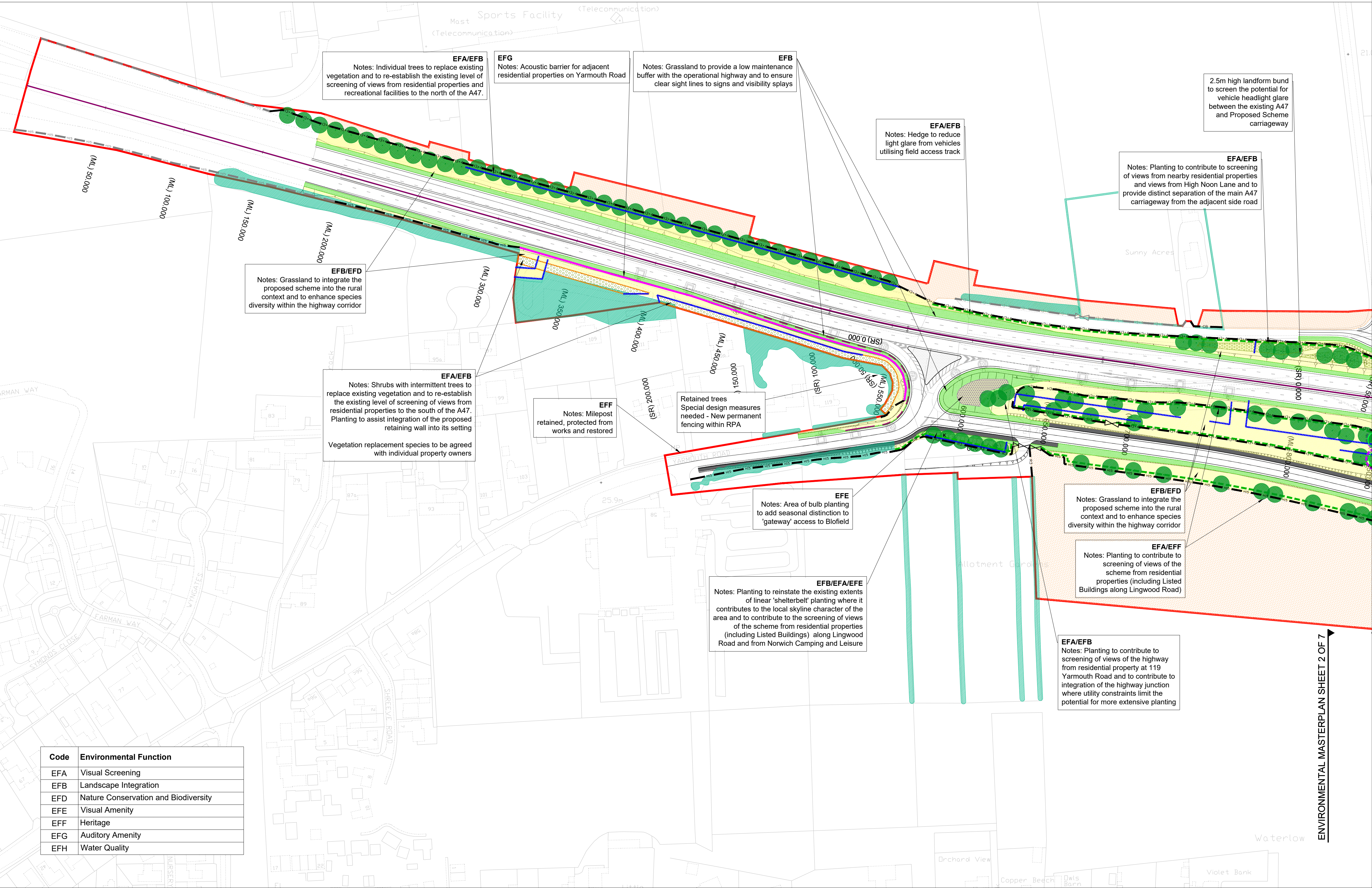
SUITABLE FOR STAGE APPROVAL

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| SHEET SIZE | SCALE   | STATUS | REVISION |
| A1         | 1:10000 | S4     | P01      |

DRAWING NUMBER

HE551490-GTY-ELS-000-DR-LX-30070





| Code | Environmental Function               |
|------|--------------------------------------|
| EFA  | Visual Screening                     |
| EFB  | Landscape Integration                |
| EFD  | Nature Conservation and Biodiversity |
| EFE  | Visual Amenity                       |
| EFF  | Heritage                             |
| EFG  | Auditory Amenity                     |
| EFH  | Water Quality                        |

Red line boundary

EXISTING VEGETATION

Existing vegetation to be retained

PROPOSED ENVIRONMENTAL ELEMENTS

- E1.2 Noise barrier-built elements
- E2.1 Water pollution control measures - attenuation/infiltration ponds
- E2.3 Soakaways
- E3.2.1 Ecological protection measures - skylark plot
- E3.2.2 Ecological protection measures - bat flight path
- E3.2.3 Ecological protection measures - bat hop

- E3.2.4 Habitat Piles
- E3.2.5 Bat Boxes
- E3.2.6 Kestrel Box (location to be confirmed)
- E3.2.7 Turtledove Box (location to be confirmed)
- E3.2.8 Swift Box (location to be confirmed)
- E3.2.9 Tawny Owl Box (location to be confirmed)

PROPOSED LANDSCAPE ELEMENTS

- LE1.1 Amenity grass areas
- LE1.2 Grassland with bulbs
- LE1.3 Species rich grassland
- LE1.6 Open grassland
- LE2.1 Woodland
- LE2.5 Shrubs with intermittent trees
- LE2.8 Scrub
- LE4.3 Native species hedgerows
- LE4.4 Native hedgerows with trees
- LE5.1.1 Individual trees - Large & medium species
- LE5.1.2 Individual trees - Small species
- LE5.1.3 Individual trees - Small to large species planted as extra heavy standard specimens

- LE6.2 Banks and ditches
- LE6.4 Marsh and wet grassland

PROPOSED ELEMENTS - OTHER

- Agricultural land (restored)
- Lighting column location (refer Lighting drawing series for further information)
- Fencing (refer Fencing drawing series for further information)
- VRS Vehicle Restraint Systems
- Root barrier (subject to confirmed location of utilities and easement protection requirements)
- Planting areas where replacement plant species to be agreed with property owners
- Important hedgerow translocated hedge

New footpath

NOTES

- THIS DRAWING SHALL ONLY BE USED FOR THE DESIGN ELEMENT STATED IN THE DRAWING TITLE.
- DO NOT SCALE FROM THIS DRAWING
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS:
  - HE551490-GTY-ELS-000-DR-LX-30002 SHEET 2 OF 7
  - HE551490-GTY-ELS-000-DR-LX-30003 SHEET 3 OF 7
  - HE551490-GTY-ELS-000-DR-LX-30004 SHEET 4 OF 7
  - HE551490-GTY-ELS-000-DR-LX-30005 SHEET 5 OF 7
  - HE551490-GTY-ELS-000-DR-LX-30006 SHEET 6 OF 7
  - HE551490-GTY-ELS-000-DR-LX-30007 SHEET 7 OF 7
- FOR LANDSCAPE ELEMENT CODES REFER TO DMRB LD117 LANDSCAPE DESIGN DOCUMENT.
- FOR ARBORICULTURAL IMPACT ASSESSMENT PLAN REFER TO DRAWING: 1050831-SWEBLO-AIAP
- AREAS OF EXISTING VEGETATION TO BE RETAINED SHOWN ON DRAWING TAKEN FROM ADAS ARBORICULTURAL PLAN 1050831-SWEBLO-AIAP.

KEY TO SYMBOLS

|     |          |               |     |      |      |
|-----|----------|---------------|-----|------|------|
| P01 | 22/10/20 | FOR ISSUE     | LS  | RMea | MMur |
| P02 | 04/12/20 | FOR ISSUE     | MH  | RMea | MMur |
| REV | DATE     | REVISION NOTE | ORG | CHKD | APPD |

DESIGNER

SWECO

CONTRACTOR

GallifordTry

CLIENT

highways  
england

PROJECT TITLE

A47 BLOFIELD TO  
NORTH BURLINGHAM DUALLING

PROJECT STAGE

PCF STAGE 3

DRAWING TITLE

MASTERPLAN  
SHEET 1 OF 7  
TR010040/APP/6.8

SUITABILITY

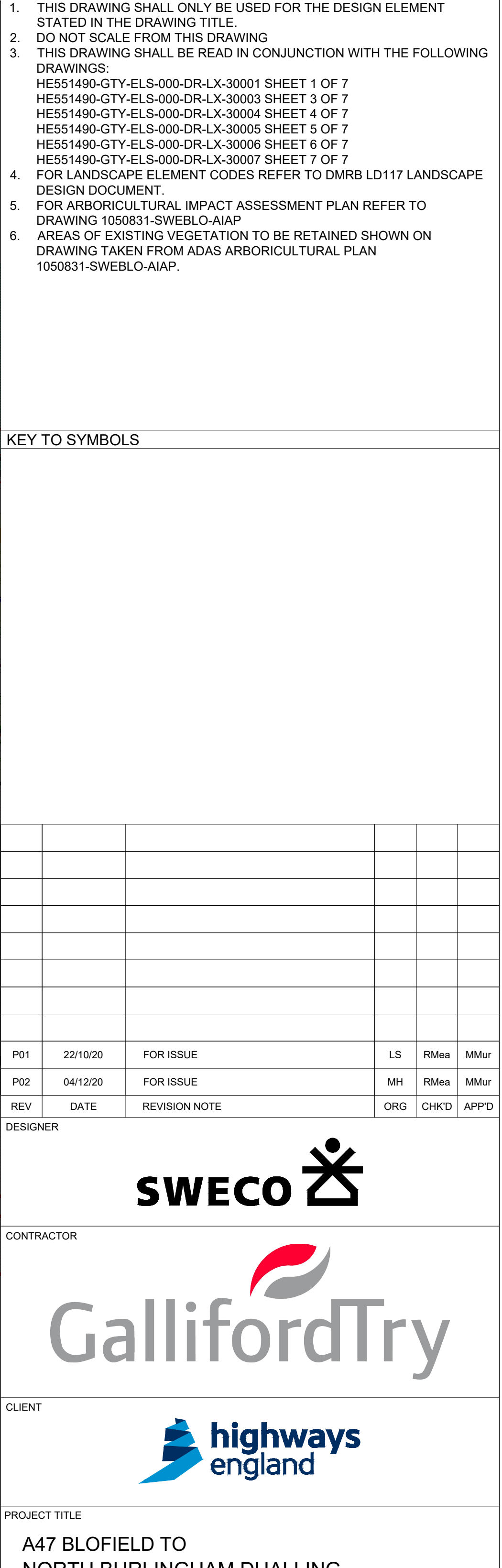
SUITABLE FOR STAGE APPROVAL

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| SHEET SIZE | SCALE  | STATUS | REVISION |
| A1         | 1:1250 | S4     | P02      |

DRAWING NUMBER

HE551490-GTY-ELS-000-DR-LX-30001



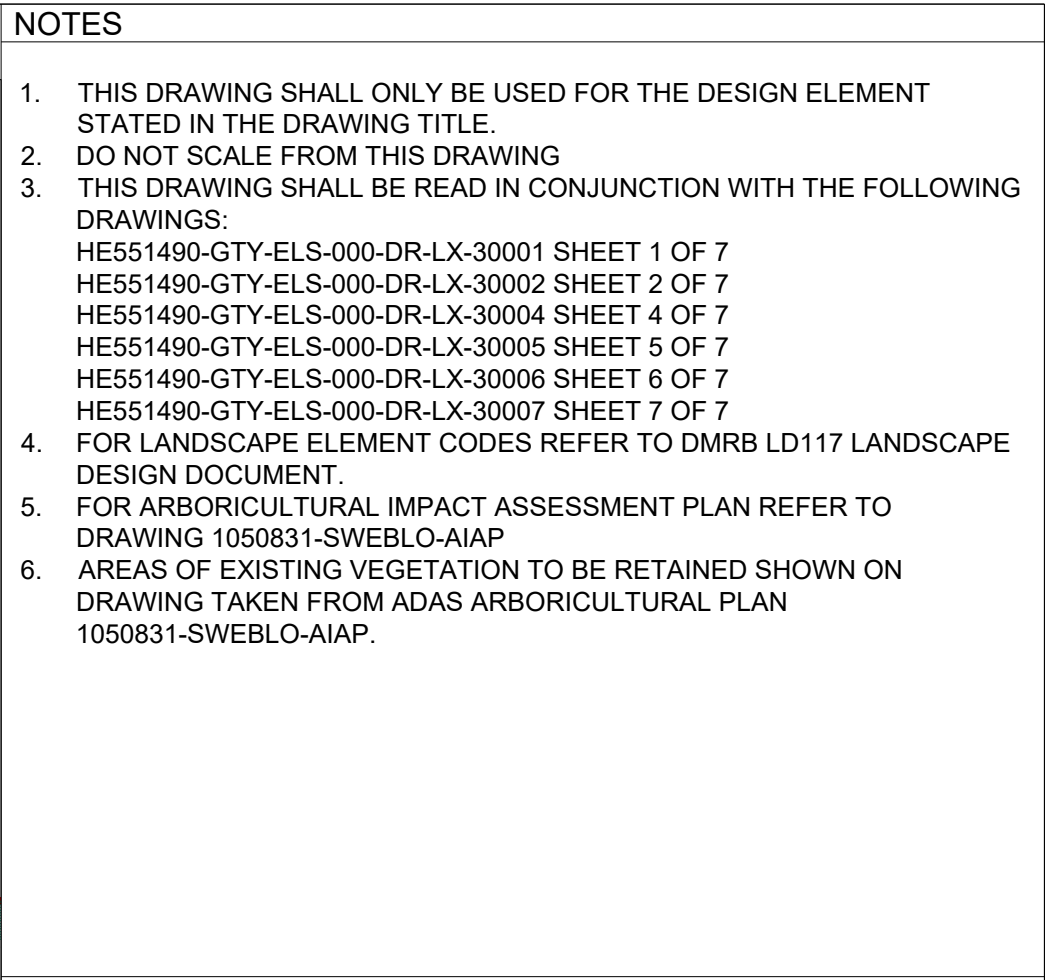


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| P01 | 22/10/20 | FOR ISSUE     | LS  | RMea  | MMur  |
| P02 | 04/12/20 | FOR ISSUE     | MH  | RMea  | MMur  |
| REV | DATE     | REVISION NOTE | ORG | CHK'D | APP'D |

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| PROJECT TITLE | A47 BLOFIELD TO<br>NORTH BURLINGHAM DUALLING   |
| PROJECT STAGE | PCF STAGE 3                                    |
| DRAWING TITLE | MASTERPLAN<br>SHEET 2 OF 7<br>TR010040/APP/6.8 |

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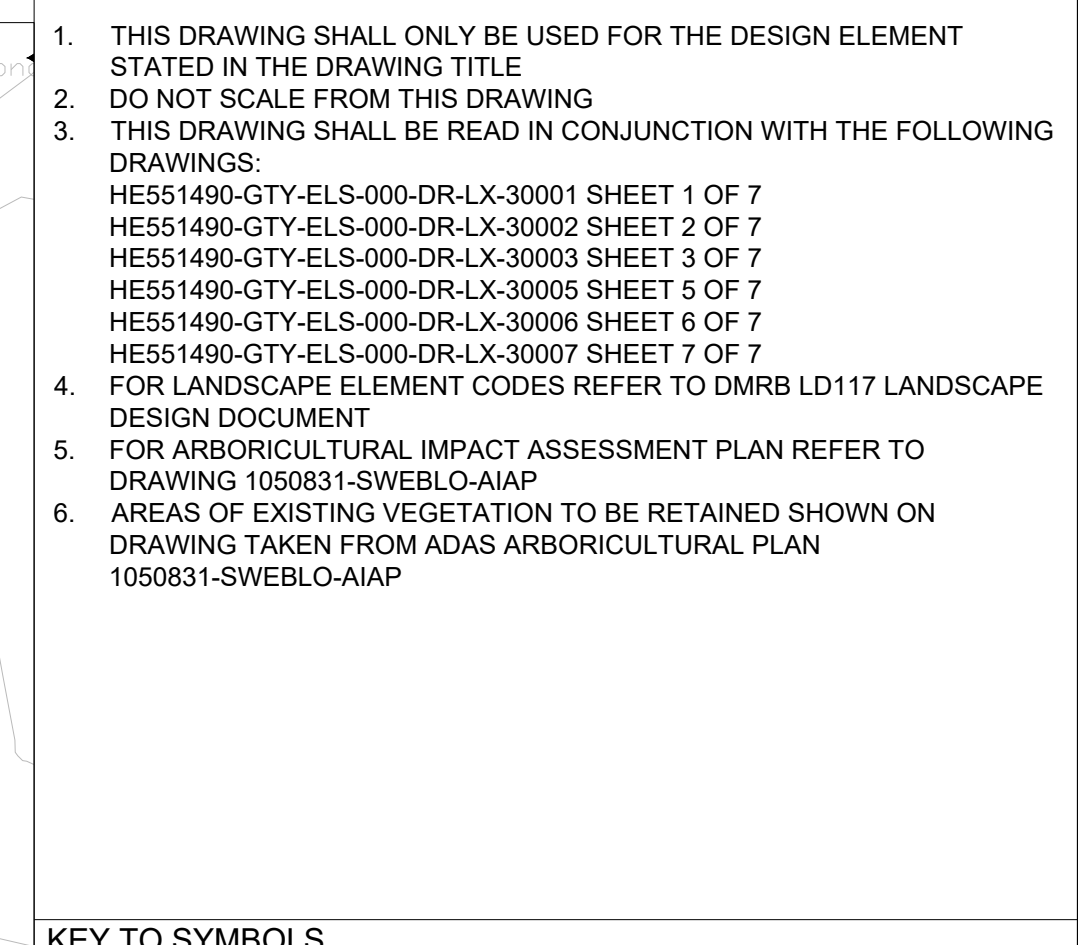




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| PROJECT TITLE                                  |        |        |          |
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| PROJECT STAGE                                  |        |        |          |
| PCF STAGE 3                                    |        |        |          |
| DRAWING TITLE                                  |        |        |          |
| MASTERPLAN<br>SHEET 3 OF 7<br>TR010040/APP/6.8 |        |        |          |
| SUITABILITY                                    |        |        |          |
| SUITABLE FOR STAGE APPROVAL                    |        |        |          |
| SHEET SIZE                                     | SCALE  | STATUS | REVISION |
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| P02 | 04/12/20 | FOR ISSUE     | MH  | RMea  | MMur  |
| REV | DATE     | REVISION NOTE | ORG | CHK'D | APP'D |

**SWECO** 

GallifordTry



highways  
england

A47 BLOFIELD TO  
NORTH BURLINGHAM DUALLING

PCF STAGE 3

MASTERPLAN  
SHEET 4 OF 7  
TR010040/APP/6.8

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A47 BLOFIELD TO  
NORTH BURLINGHAM DUALLING

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PCF STAGE 3

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MASTERPLAN  
SHEET 5 OF 7  
TR010040/APP/6.8

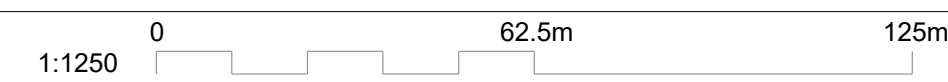
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| Code | Environmental Function               |
|------|--------------------------------------|
| EFA  | Visual Screening                     |
| EFB  | Landscape Integration                |
| EFD  | Nature Conservation and Biodiversity |
| EFE  | Visual Amenity                       |
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| EFG  | Auditory Amenity                     |
| EFH  | Water Quality                        |

**ENVIRONMENTAL MASTERPLAN SHEET 5 OF 7**

**EFB/EFA/EFF**  
Notes: Individual trees to contribute to integration of the highway into the local estate 'parkland' and field boundary tree character setting, and to contribute to the screening of views of the proposed scheme from the north-east

**EFD**  
Notes: Larger tree stock to guide bats towards highway crossing points

**EFB**  
Notes: Grassland to provide a low maintenance buffer with the operational highway and to ensure clear sight lines to signs and visibility plays

**EFB/EFD**  
Notes: Grassland to integrate the proposed scheme into the rural context and to enhance species diversity

**EFB/EFA**  
Notes: Individual trees to contribute to the screening of views of the scheme from The White House and Coach House

**EFG**  
Notes: Acoustic barrier for The White House and Coach House

**EFB/EFD**  
Notes: Grassland to integrate the proposed scheme into the rural context and to enhance species diversity

**EFB**  
Notes: Grassland to provide a low maintenance buffer with the operational highway and to ensure clear sight lines to signs and visibility plays

**EFG**  
Notes: Acoustic barrier for Hall Cottages

**EFB**  
Notes: Grassland and woodland planting to integrate the area associated with the redundant lay-by into the rural context

**ENVIRONMENTAL MASTERPLAN SHEET 7 OF 7**

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| KEY TO SYMBOLS |
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| PROJECT STAGE |
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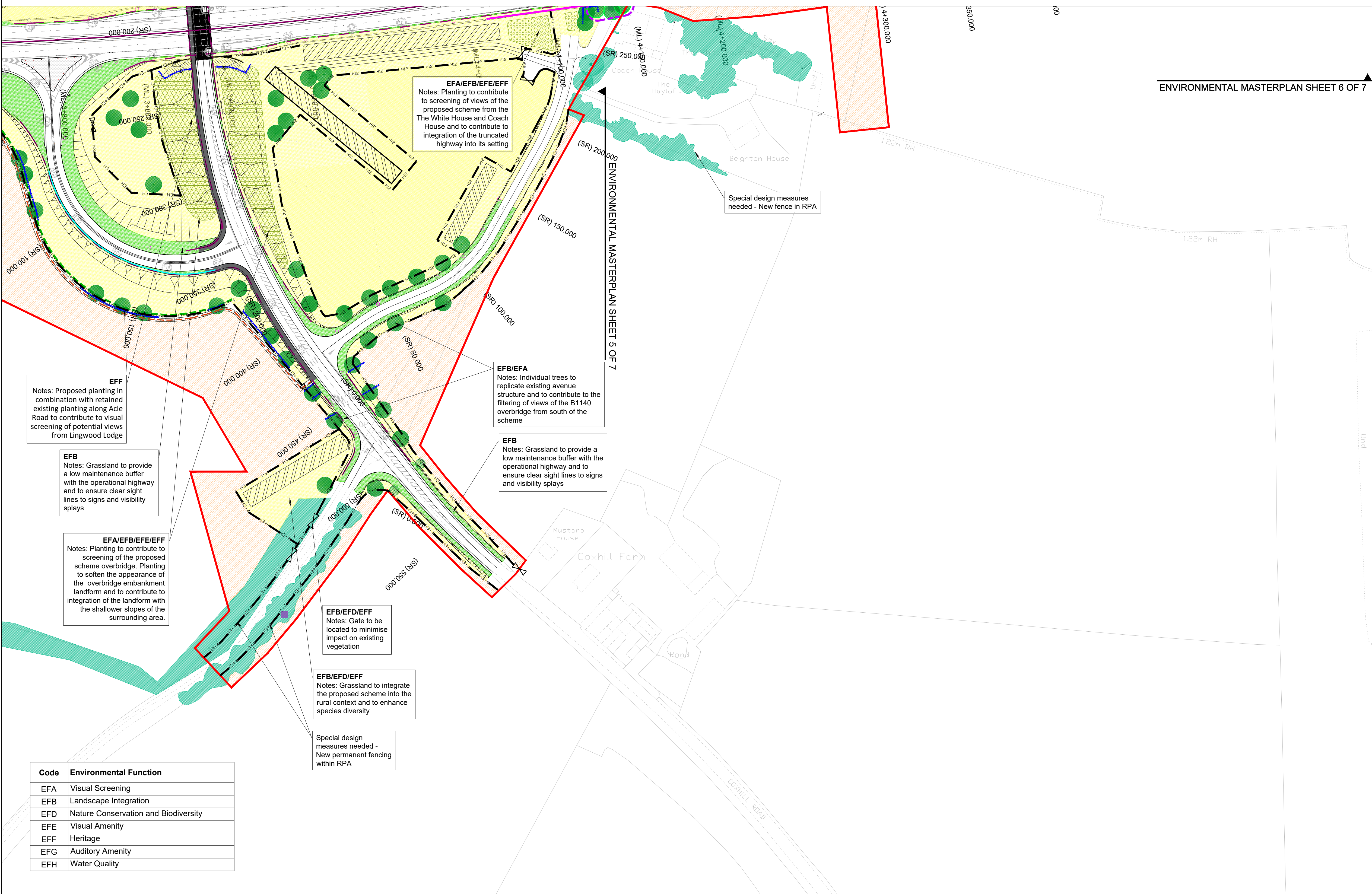
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HE551490-GTY-ELS-000-DR-LX-30001 SHEET 1 OF 7  
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HE551490-GTY-ELS-000-DR-LX-30006 SHEET 6 OF 7
4. FOR LANDSCAPE ELEMENT CODES REFER TO DMRB LD117 LANDSCAPE DESIGN DOCUMENT
5. FOR ARBORICULTURAL IMPACT ASSESSMENT PLAN REFER TO DRAWING 1050831-SWEBLO-AIAP
6. AREAS OF EXISTING VEGETATION TO BE RETAINED SHOWN ON DRAWING TAKEN FROM ADAS ARBORICULTURAL PLAN 1050831-SWEBLO-AIAP

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| P01 | 22/10/20 | FOR ISSUE     | LS  | RMea | MMur |
| P02 | 04/12/20 | FOR ISSUE     | MH  | RMea | MMur |
| REV | DATE     | REVISION NOTE | ORG | CHKD | APPD |

DESIGNER

**SWECO** 

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| PROJECT TITLE |
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A47 BLOFIELD TO  
NORTH BURLINGHAM DUALLING

| PROJECT STAGE |
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PCF STAGE 3

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| DRAWING TITLE |
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MASTERPLAN  
SHEET 7 OF 7  
TR010040/APP/6.8

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SUITABLE FOR STAGE APPROVAL

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------|---------------------------|----------------------------|
| <b>LE 1.1 Amenity Grass</b><br>Germinal A18 road verge and embankments<br><b>Sowing rate:</b><br>On bare ground 35g/m2<br>Overseeding rate on thin areas 20g/m2                                                                                                                                                                                                                                    |                                    |                 | Approx. Area:<br>41,006m2 |                            |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                 |                           |                            |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                  | <b>Common Name</b>                 | <b>% of mix</b> |                           |                            |
| Agrostis castellana                                                                                                                                                                                                                                                                                                                                                                                | Highland browntop bentgrass        | 5               |                           |                            |
| Festuca rubra subsp. commutata                                                                                                                                                                                                                                                                                                                                                                     | Highnote chewing's fescue          | 10              |                           |                            |
| Festuca rubra rubra                                                                                                                                                                                                                                                                                                                                                                                | Corail strong creeping Red fescue  | 40              |                           |                            |
| Lolium perenne                                                                                                                                                                                                                                                                                                                                                                                     | Calico perennial ryegrass          | 12.5            |                           |                            |
| Lolium perenne                                                                                                                                                                                                                                                                                                                                                                                     | Zurich perennial ryegrass          | 10              |                           |                            |
| Poa pratensis                                                                                                                                                                                                                                                                                                                                                                                      | Tetris smooth stalked meadow grass | 20              |                           |                            |
| Trifolium repens                                                                                                                                                                                                                                                                                                                                                                                   | Aberace (small) w clover           | 2.5             |                           |                            |
| <b>LE 1.2 Grassland and bulbs</b><br>Phoenix - Reclamation Grass Seed Mix<br>non-Ryegrass)<br><b>Sowing rate:</b><br>On bare ground 30g/m2<br>Overseeding rate on thin areas 10g/m2                                                                                                                                                                                                                |                                    |                 | Approx. Area:<br>284m2    |                            |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                 |                           |                            |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                  | <b>Common Name</b>                 | <b>% of mix</b> |                           |                            |
| <b>Grasses (100%)</b>                                                                                                                                                                                                                                                                                                                                                                              |                                    |                 |                           |                            |
| Agrostis capillaris                                                                                                                                                                                                                                                                                                                                                                                | Browntop bentgrass                 | 6               |                           |                            |
| Festuca rubrasubsp. commutata                                                                                                                                                                                                                                                                                                                                                                      | Chewing's fescue                   | 20              |                           |                            |
| Festuca rubra rubra                                                                                                                                                                                                                                                                                                                                                                                | Strong creeping red fescue         | 35              |                           |                            |
| Festuca rubra ssp. Litoralis                                                                                                                                                                                                                                                                                                                                                                       | Slender creeping red fescue        | 15              |                           |                            |
| Lotus corniculatus                                                                                                                                                                                                                                                                                                                                                                                 | Bird's-foot trefoil                | 4               |                           |                            |
| Trifolium repens                                                                                                                                                                                                                                                                                                                                                                                   | Small leaved white clover          | 3               |                           |                            |
| Festuca ovina                                                                                                                                                                                                                                                                                                                                                                                      | Hard fescue                        | 10              |                           |                            |
| Poa pratensis                                                                                                                                                                                                                                                                                                                                                                                      | Smooth-stalked meadow-grass        | 7               |                           |                            |
| <b>Bulbs (100%)</b>                                                                                                                                                                                                                                                                                                                                                                                |                                    |                 |                           |                            |
| Narcissus pseudonarcissus                                                                                                                                                                                                                                                                                                                                                                          | Wild daffodil                      | 100             |                           |                            |
| <b>LE 1.3 Species Rich Grassland</b><br>Germinal WFG4 Neutral soils<br><b>Sowing rate:</b><br>5g/m2                                                                                                                                                                                                                                                                                                |                                    |                 |                           | Approx. Area:<br>314,389m2 |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                 |                           |                            |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                  | <b>Common Name</b>                 | <b>% of mix</b> |                           |                            |
| Achillea millefolium                                                                                                                                                                                                                                                                                                                                                                               | Yarrow                             | 1               |                           |                            |
| Centaurea nigra                                                                                                                                                                                                                                                                                                                                                                                    | Common knapweed                    | 1               |                           |                            |
| Cynosurus cristatus                                                                                                                                                                                                                                                                                                                                                                                | Crested dogstail                   | 20              |                           |                            |
| Festuca arundinacea                                                                                                                                                                                                                                                                                                                                                                                | Tall fescue                        | 10              |                           |                            |
| Festuca rubra litoralis                                                                                                                                                                                                                                                                                                                                                                            | Sleder creeping red fescue         | 25              |                           |                            |
| Festuca rubra rubra                                                                                                                                                                                                                                                                                                                                                                                | Strong creeping red fescue         | 20              |                           |                            |
| Galium verum                                                                                                                                                                                                                                                                                                                                                                                       | Lady's bedstraw                    | 1.2             |                           |                            |
| Geranium molle                                                                                                                                                                                                                                                                                                                                                                                     | Doves foot cranesbill              | 0.3             |                           |                            |
| Leucanthemum vulgare                                                                                                                                                                                                                                                                                                                                                                               | oxeye daisy                        | 1.5             |                           |                            |
| Linum usitatissimum                                                                                                                                                                                                                                                                                                                                                                                | Flax                               | 1.4             |                           |                            |
| Lotus corniculatus                                                                                                                                                                                                                                                                                                                                                                                 | Leo lotus corniculatus birdsfotts  | 0.5             |                           |                            |
| Lychnis flos cuculi                                                                                                                                                                                                                                                                                                                                                                                | Ragged robin                       | 0.1             |                           |                            |
| Medicago lupulina                                                                                                                                                                                                                                                                                                                                                                                  | Black medick                       | 1               |                           |                            |
| Onobrychis vicifolia                                                                                                                                                                                                                                                                                                                                                                               | Sainfoin                           | 5               |                           |                            |
| Phleum bertolonii                                                                                                                                                                                                                                                                                                                                                                                  | Teno                               | 5               |                           |                            |
| Plantago lanceolata                                                                                                                                                                                                                                                                                                                                                                                | Ribwort plantain                   | 2.4             |                           |                            |
| Prunella vulgaris                                                                                                                                                                                                                                                                                                                                                                                  | Self heal                          | 1               |                           |                            |
| Rhinanthus minor                                                                                                                                                                                                                                                                                                                                                                                   | Yellow rattle                      | 0.8             |                           |                            |
| Sanguisorba minor                                                                                                                                                                                                                                                                                                                                                                                  | Salad burnet                       | 1.8             |                           |                            |
| Scabiosa columbaria                                                                                                                                                                                                                                                                                                                                                                                | Small scabious                     | 0.3             |                           |                            |
| Silene latifolia                                                                                                                                                                                                                                                                                                                                                                                   | White campion                      | 0.5             |                           |                            |
| Vicia sativa                                                                                                                                                                                                                                                                                                                                                                                       | Common vetch                       | 0.2             |                           |                            |
| <b>LE 1.6 Open Grassland</b><br>Emorsgate EG1 - general purpose meadow grass mixture<br><b>Sowing Rate:</b><br>5g/m2                                                                                                                                                                                                                                                                               |                                    |                 |                           | Approx. Area:<br>5680m2    |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                 |                           |                            |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                  | <b>Common Name</b>                 | <b>% of mix</b> |                           |                            |
| Agrostis capillaris                                                                                                                                                                                                                                                                                                                                                                                | Common bent                        | 10              |                           |                            |
| Cynosurus cristatus                                                                                                                                                                                                                                                                                                                                                                                | Crested dogstail                   | 35              |                           |                            |
| Festuca rubra                                                                                                                                                                                                                                                                                                                                                                                      | Slender-creeping red-fescue        | 30              |                           |                            |
| Phleum bertolonii                                                                                                                                                                                                                                                                                                                                                                                  | Smaller cat's-tail                 | 5               |                           |                            |
| Poa pratensis                                                                                                                                                                                                                                                                                                                                                                                      | Smooth-stalked meadow-grass        | 20              |                           |                            |
| <b>LE 2.1 Woodland</b><br><b>Supply size</b><br>75% 1+1 450-600mm high transplants<br>15% 1.5-1.8m feathered trees<br>10% 8-10cm girth standard trees<br><b>Plant Spacing</b><br>Transplants at 2m centres<br>Feathered and standards trees at 4m centres<br><b>Plant Grouping</b><br>Transplants in single species groups of 5-7<br>Feathered trees and standards in single sepcies groups of 3-5 |                                    |                 | Approx. Area:<br>27,069m2 |                            |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                     |                                    |                 |                           |                            |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                  | <b>Common Name</b>                 | <b>% of mix</b> |                           |                            |
| Acer campestre                                                                                                                                                                                                                                                                                                                                                                                     | Field Maple                        | 10              |                           |                            |
| Betula pendula                                                                                                                                                                                                                                                                                                                                                                                     | Silver Birch                       | 10              |                           |                            |
| Cornus sanguinea                                                                                                                                                                                                                                                                                                                                                                                   | Dogwood                            | 5               |                           |                            |
| Corylus avellana                                                                                                                                                                                                                                                                                                                                                                                   | Hazel                              | 20              |                           |                            |
| Crataegus monogyna                                                                                                                                                                                                                                                                                                                                                                                 | Hawthorn                           | 20              |                           |                            |
| Hedera helix                                                                                                                                                                                                                                                                                                                                                                                       | Ivy                                | 2.5             |                           |                            |
| Ilex aquifolium                                                                                                                                                                                                                                                                                                                                                                                    | Holly                              | 5               |                           |                            |
| Ligustrum vulgare                                                                                                                                                                                                                                                                                                                                                                                  | Wild Privet                        | 5               |                           |                            |
| Prunus avium                                                                                                                                                                                                                                                                                                                                                                                       | Wild Cherry                        | 2.5             |                           |                            |
| Prunus Spinosa                                                                                                                                                                                                                                                                                                                                                                                     | Blackthorn                         | 10              |                           |                            |
| Quercus robur                                                                                                                                                                                                                                                                                                                                                                                      | Penduculate Oak                    | 7.5             |                           |                            |
| Rubus fruticosus                                                                                                                                                                                                                                                                                                                                                                                   | Blackberry                         | 2.5             |                           |                            |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|----------------------------------------|
| <b>2.5. Shrubs with intermittent trees</b><br>Areas to comprise of LE1.3 species rich grassland<br><b>Supply size</b><br>90% 1+1 450-600mm high transplants<br>5% 1.5-1.8m feathered trees<br>5% 8-10cm girth standard trees<br><b>Plant Spacing</b><br>Transplants at 2m centres<br>Feathered and standard trees at 4m centres<br><b>Plant Grouping</b><br>Transplants in single species groups of 5-7<br>Feathered trees and standards in single species groups 3-5                        |                    |                 | Approx.<br>Area:<br>3312m2             |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                 |                                        |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Common Name</b> | <b>% of mix</b> |                                        |
| Acer campestre                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Field maple        | 5               |                                        |
| Cornus sanguinea                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dogwood            | 10              |                                        |
| Corylus avellana                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hazel              | 30              |                                        |
| Betula pendula                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Silver birch       | 2.5             |                                        |
| Crataegus monogyna                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hawthorn           | 30              |                                        |
| Ilex aquifolium                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Holly              | 2.5             |                                        |
| Prunus avium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Wild cherry        | 5               |                                        |
| Prunus Spinosa                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Blackthorn         | 7.5             |                                        |
| Quercus robur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Common oak         | 5               |                                        |
| Salix cinerea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Grey willow        | 2.5             |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
| <b>LE 2.8 Scrub</b><br>Areas to comprise of LE1.3 species rich grassland<br><b>Supply size</b><br>1+1 450-600mm high transplants<br><b>Plant Spacing</b><br>Plant in groups at 1-3m centres<br><b>Plant grouping</b><br>Plant all species in single species of 3-5                                                                                                                                                                                                                           |                    |                 | Approx.<br>Area:<br>133m2              |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                 |                                        |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Common Name</b> | <b>% of mix</b> |                                        |
| Crataegus monogyna                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hawthorn           | 30              |                                        |
| Prunus spinosa                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Blackthorn         | 7.5             |                                        |
| Sambucus nigra                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Elder              | 7.5             |                                        |
| Rosa canina                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dog rose           | 15              |                                        |
| Rubus fruticosus                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bramble            | 5               |                                        |
| Cornus sanguinea                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dogwood            | 15              |                                        |
| Corylus avellana                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hazel              | 20              |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
| <b>LE 4.3 Native Species Hedgerow</b><br><b>Supply size</b><br>1+1 450-600mm high transplants<br><b>Plant Spacing</b><br>Plant at 0.25m centres in double staggered rows (0.3m offset between rows)<br><b>Plant Grouping</b><br>Plant all species in single species groups of 5-7                                                                                                                                                                                                            |                    |                 | Approx<br>length:<br>4,022<br>Linear m |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                 |                                        |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Common Name</b> | <b>% of mix</b> |                                        |
| Acer campestre                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Field maple        | 10              |                                        |
| Cornus sanguinea                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dogwood            | 5               |                                        |
| Corylus avellana                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hazel              | 25              |                                        |
| Crataegus monogyna                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hawthorn           | 30              |                                        |
| Hedera helix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ivy                | 2               |                                        |
| Ilex aquifolium                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Holly              | 10              |                                        |
| Prunus Spinosa                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Blackthorn         | 5               |                                        |
| Rosa avensis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Field rose         | 5               |                                        |
| Rosa canina                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dog rose           | 5               |                                        |
| Sambucus nigra                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Elder              | 3               |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
| <b>LE 4.4 Native Species Hedgerow With trees</b><br>Planted with LE5.1.1 individual trees; to be planted as mix of 8-10cm girth standards and 12-14cm girth heavy standard trees in naturalistic groups as per drawing, spacing no less then 5m.<br><b>Supply size</b><br>1+1 450-600mm high transplants<br><b>Plant Spacing</b><br>Plant at 0.25m centres in double staggered rows (0.3m offset between rows)<br><b>Plant Grouping</b><br>Plant all species in single species groups of 5-7 |                    |                 | Approx<br>length:<br>3,238lin m        |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                 |                                        |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Common Name</b> | <b>Root</b>     |                                        |
| Acer campestre                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Field maple        | Bare root       |                                        |
| Cornus sanguinea                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dogwood            | Bare root       |                                        |
| Corylus avellana                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hazel              | 3L Container    |                                        |
| Crataegus monogyna                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hawthorn           | Bare root       |                                        |
| Hedera helix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ivy                | 3L Container    |                                        |
| Ilex aquifolium                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Holly              | 3L Container    |                                        |
| Prunus Spinosa                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Blackthorn         | Bare root       |                                        |
| Rosa avensis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Field rose         | Bare root       |                                        |
| Rosa canina                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dog rose           | Bare root       |                                        |
| Sambucus nigra                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Elder              | Bare root       |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |
| <b>LE 5.1.1 Individual trees -large and medium species</b><br><b>Supply size</b><br>Mix of 8-10cm girth standard and 12-14cm girth heavy standard trees                                                                                                                                                                                                                                                                                                                                      |                    |                 | No. of trees:<br>x394                  |
| <b>Species</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                 |                                        |
| <b>Latin Name</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Common Name</b> |                 |                                        |
| Carpinus betulus                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Hornbeam           |                 |                                        |
| Fagus sylvatica                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Beech              |                 |                                        |
| Populus nigra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Poplars            |                 |                                        |
| Prunus avium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Wild cherry        |                 |                                        |
| Quercus robur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pedunculate oak    |                 |                                        |
| Salix alba                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | White willow       |                 |                                        |
| Salix cinerea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Grey willow        |                 |                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |                 |                                        |

|                                                                                                                                                                                                                                         |                               |                 |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|-------------------------|
| <b>LE 5.1.2 Individual Trees - small species</b>                                                                                                                                                                                        |                               |                 | No. of trees:<br>x15    |
| <b>Supply size</b><br>Mix of 8-10cm girth standard and 12-14cm girth heavy standard trees                                                                                                                                               |                               |                 |                         |
| <b>Species</b>                                                                                                                                                                                                                          |                               |                 |                         |
| <b>Latin Name</b>                                                                                                                                                                                                                       | <b>Common Name</b>            |                 |                         |
| Acer campestre                                                                                                                                                                                                                          | Field maple                   |                 |                         |
| Betula Pendula                                                                                                                                                                                                                          | Silver birch                  |                 |                         |
| Crataegus monogyna                                                                                                                                                                                                                      | Hawthorn                      |                 |                         |
| Malus Sylvestris                                                                                                                                                                                                                        | Common crab apple             |                 |                         |
| <b>LE 5.1.3 Individual trees - small to large species planted as extra heavy standard specimens</b>                                                                                                                                     |                               |                 | No. of trees:<br>x77    |
| <b>Supply size</b><br>16-18cm extra heavy standard trees                                                                                                                                                                                |                               |                 |                         |
| <b>Species</b>                                                                                                                                                                                                                          |                               |                 |                         |
| <b>Latin Name</b>                                                                                                                                                                                                                       | <b>Common Name</b>            |                 |                         |
| Acer campestre                                                                                                                                                                                                                          | Field maple                   |                 |                         |
| Betula Pendula                                                                                                                                                                                                                          | Silver birch                  |                 |                         |
| Crataegus monogyna                                                                                                                                                                                                                      | Hawthorn                      |                 |                         |
| Fagus sylvatica                                                                                                                                                                                                                         | Beech                         |                 |                         |
| Pinus sylvestris                                                                                                                                                                                                                        | Scots pine                    |                 |                         |
| Populus nigra                                                                                                                                                                                                                           | Black poplar                  |                 |                         |
| Prunus avium                                                                                                                                                                                                                            | Wild cherry                   |                 |                         |
| Quercus robur                                                                                                                                                                                                                           | Oak                           |                 |                         |
| Salix alba                                                                                                                                                                                                                              | White willow                  |                 |                         |
| Salix cinerea                                                                                                                                                                                                                           | Grey willow                   |                 |                         |
| <b>LE 6.2 Banks and ditches</b><br>Emorsgate EP1 Pond Edge mixture<br><b>Sowing rate:</b> 4g/m2                                                                                                                                         |                               |                 | Approx. area:<br>7152m2 |
| <b>Species</b>                                                                                                                                                                                                                          |                               |                 |                         |
| <b>Latin Name</b>                                                                                                                                                                                                                       | <b>Common Name</b>            | <b>% OF MIX</b> |                         |
| <b>Wildflowers (20% )</b>                                                                                                                                                                                                               |                               |                 |                         |
| Achillea ptarmica                                                                                                                                                                                                                       | Sneezewort                    | 1               |                         |
| Angelica sylvestris                                                                                                                                                                                                                     | Wild angelica                 | 2.3             |                         |
| Caltha palustris                                                                                                                                                                                                                        | Marsh marigold                | 0.1             |                         |
| Eupatorium cannabinum                                                                                                                                                                                                                   | Hemp agrimony                 | 0.6             |                         |
| Filipendula ulmaria                                                                                                                                                                                                                     | Meadowsweet                   | 3               |                         |
| Geum rivale                                                                                                                                                                                                                             | Water avens                   | 1               |                         |
| Hypericum tetrapterum                                                                                                                                                                                                                   | Square-stalked St john's wort | 0.4             |                         |
| Iris pseudacorus                                                                                                                                                                                                                        | Yellow Iris                   | 4               |                         |
| Lotus pedunculatus                                                                                                                                                                                                                      | Greater birdsfoot trefoil     | 1               |                         |
| Lycopus europaeus                                                                                                                                                                                                                       | Gypsywort                     | 0.8             |                         |
| Lythrum salicaria                                                                                                                                                                                                                       | Purple loosestrife            | 0.6             |                         |
| Mentha aquatica                                                                                                                                                                                                                         | Water mint                    | 0.1             |                         |
| Pulicaria dysenterica                                                                                                                                                                                                                   | Common fleabane               | 0.1             |                         |
| Ranunculus acris                                                                                                                                                                                                                        | Meadow buttercup              | 2.5             |                         |
| Scrophularia auriculata                                                                                                                                                                                                                 | Water figwort                 | 0.1             |                         |
| Silene flos-cuculi                                                                                                                                                                                                                      | Ragged robin                  | 1               |                         |
| Succisa pratensis                                                                                                                                                                                                                       | Devil's-bit scabious          | 1               |                         |
| Vicia cracca                                                                                                                                                                                                                            | Tufted vetch                  | 0.4             |                         |
| <b>Grasses (80% )</b>                                                                                                                                                                                                                   |                               |                 |                         |
| Agrostis capillaris                                                                                                                                                                                                                     | Common bent                   | 10              |                         |
| Alopecurus pratensis                                                                                                                                                                                                                    | Meadow foxtail                | 2               |                         |
| Anthoxanthum odoratum                                                                                                                                                                                                                   | Sweet vernal-grass            | 2               |                         |
| Cynosurus cristatus                                                                                                                                                                                                                     | Crested dogstail              | 32              |                         |
| Dechampsia cespitosa                                                                                                                                                                                                                    | Tufted hair-grass             | 1               |                         |
| Festuca rubra                                                                                                                                                                                                                           | slender-creeping red-fescue   | 24              |                         |
| Hordeum secalinum                                                                                                                                                                                                                       | Meadow barley                 | 1               |                         |
| Schedonorus pratensis                                                                                                                                                                                                                   | Meadow fescue                 | 6               |                         |
| <b>Plug plants</b>                                                                                                                                                                                                                      |                               |                 |                         |
| Plants to be notch planted in single species swathes at 0.5m centres within an extent of area to be identified on site by an ecologist as contributing proportionate value to the mitigation objectives of the Environmental Masterplan |                               |                 |                         |
| <b>Species</b>                                                                                                                                                                                                                          |                               |                 |                         |
| <b>Latin Name</b>                                                                                                                                                                                                                       | <b>Common Name</b>            | <b>% OF MIX</b> |                         |
| Alisma plantago-aquatica                                                                                                                                                                                                                | Water plantain                | 6.25            |                         |
| Butomus umbellatus                                                                                                                                                                                                                      | Flowering rush                | 6.25            |                         |
| Carex elata                                                                                                                                                                                                                             | Tufted sedge                  | 6.25            |                         |
| Glyceria maxima                                                                                                                                                                                                                         | Reed sweet-grass              | 6.25            |                         |
| Iris pseudacorus                                                                                                                                                                                                                        | Yellow flag iris              | 6.25            |                         |
| Myosotis scorpioides                                                                                                                                                                                                                    | Water forget-me-not           | 6.25            |                         |
| Veronica beccabunga                                                                                                                                                                                                                     | Brooklime                     | 6.25            |                         |
| Stachys palustris                                                                                                                                                                                                                       | Marsh woundwort               | 6.25            |                         |
| Caltha palustris                                                                                                                                                                                                                        | Marsh-marigold                | 6.25            |                         |
| Eupatorium cannabinum                                                                                                                                                                                                                   | Hemp agrimony                 | 6.25            |                         |
| Allium ursinum                                                                                                                                                                                                                          | Wild garlic                   | 6.25            |                         |
| Persicaria bistorta                                                                                                                                                                                                                     | Common bistort                | 6.25            |                         |
| Mentha aquatica                                                                                                                                                                                                                         | Water mint                    | 6.25            |                         |
| Ranunculus acris                                                                                                                                                                                                                        | Meadow buttercup              | 6.25            |                         |
| Geum rivale                                                                                                                                                                                                                             | Water avens                   | 6.25            |                         |
| Carex riparia                                                                                                                                                                                                                           | Greater pond sedge            | 6.25            |                         |
| <b>LE 6.4 Marsh and wet grass</b><br>Emorsgate EP1 Pond Edge mixture<br><b>Sowing rate:</b> 4g/m2                                                                                                                                       |                               |                 |                         |
| <b>Species</b>                                                                                                                                                                                                                          |                               |                 |                         |
| <b>Latin Name</b>                                                                                                                                                                                                                       | <b>Common Name</b>            |                 |                         |
| <b>Wildflowers (20%)</b>                                                                                                                                                                                                                |                               |                 |                         |
| Achillea ptarmica                                                                                                                                                                                                                       | Sneezewort                    |                 |                         |
| Angelica sylvestris                                                                                                                                                                                                                     | Wild angelica                 |                 |                         |
| Caltha palustris                                                                                                                                                                                                                        | Marsh marigold                |                 |                         |
| Eupatorium cannabinum                                                                                                                                                                                                                   | Hemp agrimony                 |                 |                         |
| Filipendula ulmaria                                                                                                                                                                                                                     | Meadowsweet                   |                 |                         |
| Geum rivale                                                                                                                                                                                                                             | Water avens                   |                 |                         |
| Hypericum tetrapterum                                                                                                                                                                                                                   | Square-stalked St john's wort |                 |                         |
| Iris pseudacorus                                                                                                                                                                                                                        | Yellow Iris                   |                 |                         |
| Lotus pedunculatus                                                                                                                                                                                                                      | Greater birdsfoot trefoil     |                 |                         |
| Lycopus europaeus                                                                                                                                                                                                                       | Gypsywort                     |                 |                         |
| Lythrum salicaria                                                                                                                                                                                                                       | Purple loosestrife            |                 |                         |
| Mentha aquatica                                                                                                                                                                                                                         | Water mint                    |                 |                         |
| Pulicaria dysenterica                                                                                                                                                                                                                   | Common fleabane               |                 |                         |
| Ranunculus acris                                                                                                                                                                                                                        | Meadow buttercup              |                 |                         |
| Scrophularia auriculata                                                                                                                                                                                                                 | Water figwort                 |                 |                         |
| Silene flos-cuculi                                                                                                                                                                                                                      | Ragged robin                  |                 |                         |
| Succisa pratensis                                                                                                                                                                                                                       | Devil's-bit scabious          |                 |                         |
| Vicia cracca                                                                                                                                                                                                                            | Tufted vetch                  |                 |                         |
| <b>Grasses (80%)</b>                                                                                                                                                                                                                    |                               |                 |                         |
| Agrostis capillaris                                                                                                                                                                                                                     | Common bent                   |                 |                         |
| Alopecurus pratensis                                                                                                                                                                                                                    | Meadow foxtail                |                 |                         |
| Anthoxanthum odoratum                                                                                                                                                                                                                   | Sweet vernal-grass            |                 |                         |
| Cynosurus cristatus                                                                                                                                                                                                                     | Crested dogstail              |                 |                         |
| Dechampsia cespitosa                                                                                                                                                                                                                    | Tufted hair-grass             |                 |                         |
| Festuca rubra                                                                                                                                                                                                                           | slender-creeping red-fescue   |                 |                         |
| Hordeum secalinum                                                                                                                                                                                                                       | Meadow barley                 |                 |                         |
| Schedonorus pratensis                                                                                                                                                                                                                   | Meadow fescue                 |                 |                         |
| <b>Plug plants</b>                                                                                                                                                                                                                      |                               |                 |                         |
| Plants to be notch planted in single species swathes at 0.5m centres within an extent of area to be identified on site by an ecologist as contributing proportionate value to the mitigation objectives of the Environmental Masterplan |                               |                 |                         |
| <b>Species</b>                                                                                                                                                                                                                          |                               |                 |                         |
| <b>Latin Name</b>                                                                                                                                                                                                                       | <b>Common Name</b>            |                 |                         |
| Alisma plantago-aquatica                                                                                                                                                                                                                | Water plantain                |                 |                         |
| Butomus umbellatus                                                                                                                                                                                                                      | Flowering rush                |                 |                         |
| Carex elata                                                                                                                                                                                                                             | Tufted sedge                  |                 |                         |
| Glyceria maxima                                                                                                                                                                                                                         | Reed sweet-grass              |                 |                         |
| Iris pseudacorus                                                                                                                                                                                                                        | Yellow flag iris              |                 |                         |
| Myosotis scorpioides                                                                                                                                                                                                                    | Water forget-me-not           |                 |                         |
| Veronica beccabunga                                                                                                                                                                                                                     | Brooklime                     |                 |                         |
| Stachys palustris                                                                                                                                                                                                                       | Marsh woundwort               |                 |                         |
| Caltha palustris                                                                                                                                                                                                                        | Marsh-marigold                |                 |                         |
| Eupatorium cannabinum                                                                                                                                                                                                                   | Hemp agrimony                 |                 |                         |
| Allium ursinum                                                                                                                                                                                                                          | Wild garlic                   |                 |                         |
| Persicaria bistorta                                                                                                                                                                                                                     | Common bistort                |                 |                         |
| Epilobium hirsutum                                                                                                                                                                                                                      | Great willowherb              |                 |                         |
| Scrophularia auriculata                                                                                                                                                                                                                 | Water figwort                 |                 |                         |
| Lycopus europaeus                                                                                                                                                                                                                       | Gypsywort                     |                 |                         |
| Lythrum salicaria                                                                                                                                                                                                                       | Purple loosestrife            |                 |                         |

|                                                                                                                                                                                                                                                               |                               |                 |                         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|-------------------------|--|
| <b>LE 6.4 Marsh and wet grassland</b><br>Emorsgate EP1 Pond Edge mixture<br><b>Sowing rate:</b> 4g/m2                                                                                                                                                         |                               |                 | Approx. area:<br>4505m2 |  |
|                                                                                                                                                                                                                                                               |                               |                 |                         |  |
| <b>Species</b>                                                                                                                                                                                                                                                |                               |                 |                         |  |
| <b>Latin Name</b>                                                                                                                                                                                                                                             | <b>Common Name</b>            | <b>% OF MIX</b> |                         |  |
| <b>Wildflowers (20%)</b>                                                                                                                                                                                                                                      |                               |                 |                         |  |
| Achillea ptarmica                                                                                                                                                                                                                                             | Sneezewort                    | 1               |                         |  |
| Angelica sylvestris                                                                                                                                                                                                                                           | Wild angelica                 | 2.3             |                         |  |
| Caltha palustris                                                                                                                                                                                                                                              | Marsh marigold                | 0.1             |                         |  |
| Eupatorium cannabinum                                                                                                                                                                                                                                         | Hemp agrimony                 | 0.6             |                         |  |
| Filipendula ulmaria                                                                                                                                                                                                                                           | Meadowsweet                   | 3               |                         |  |
| Geum rivale                                                                                                                                                                                                                                                   | Water avens                   | 1               |                         |  |
| Hypericum tetrapetrum                                                                                                                                                                                                                                         | Square-stalked St john's wort | 0.4             |                         |  |
| Iris pseudacorus                                                                                                                                                                                                                                              | Yellow iris                   | 4               |                         |  |
| Lotus pedunculatus                                                                                                                                                                                                                                            | Greater birdsfoot rrefoil     | 1               |                         |  |
| Lycopus europaeus                                                                                                                                                                                                                                             | Gypsywort                     | 0.8             |                         |  |
| Lythrum salicaria                                                                                                                                                                                                                                             | Purple loosestrife            | 0.6             |                         |  |
| Mentha aquatica                                                                                                                                                                                                                                               | Water mint                    | 0.1             |                         |  |
| Pulicaria dysenterica                                                                                                                                                                                                                                         | Common fleabane               | 0.1             |                         |  |
| Ranunculus acris                                                                                                                                                                                                                                              | Meadow buttercup              | 2.5             |                         |  |
| Scrophularia auriculata                                                                                                                                                                                                                                       | Water figwort                 | 0.1             |                         |  |
| Silene flos-cuculi                                                                                                                                                                                                                                            | Ragged robin                  | 1               |                         |  |
| Succisa pratensis                                                                                                                                                                                                                                             | Devil's-bit scabious          | 1               |                         |  |
| Vicia cracca                                                                                                                                                                                                                                                  | Tufted vetch                  | 0.4             |                         |  |
| <b>Grasses (80%)</b>                                                                                                                                                                                                                                          |                               |                 |                         |  |
| Agrostis capillaris                                                                                                                                                                                                                                           | Common bent                   | 10              |                         |  |
| Alopecurus pratensis                                                                                                                                                                                                                                          | Meadow foxtail                | 2               |                         |  |
| Anthoxanthum odoratum                                                                                                                                                                                                                                         | Sweet vernal-grass            | 2               |                         |  |
| Cynosurus cristatus                                                                                                                                                                                                                                           | Crested dogstail              | 32              |                         |  |
| Dechampsia cespitosa                                                                                                                                                                                                                                          | Tufted hair-grass             | 1               |                         |  |
| Festuca rubra                                                                                                                                                                                                                                                 | Slender-creeping red-fescue   | 24              |                         |  |
| Hordeum secalinum                                                                                                                                                                                                                                             | Meadow barley                 | 1               |                         |  |
| Schedonorus pratensis                                                                                                                                                                                                                                         | Meadow fescue                 | 6               |                         |  |
|                                                                                                                                                                                                                                                               |                               |                 |                         |  |
|                                                                                                                                                                                                                                                               |                               |                 |                         |  |
| <b>Plug plants</b><br>Plants to be notch planted in single species swathes at 0.5m centres within an extent of area to be identified on site by an ecologist as contributing proportionate value to the mitigation objectives of the Environmental Masterplan |                               |                 |                         |  |
|                                                                                                                                                                                                                                                               |                               |                 |                         |  |
| <b>Species</b>                                                                                                                                                                                                                                                |                               |                 |                         |  |
| <b>Latin Name</b>                                                                                                                                                                                                                                             | <b>Common Name</b>            | <b>% OF MIX</b> |                         |  |
| Carex elata                                                                                                                                                                                                                                                   | Tufted sedge                  | 7               |                         |  |
| Carex pseudocyperus                                                                                                                                                                                                                                           | Cyperus sedge                 | 7               |                         |  |
| Glyceria maxima                                                                                                                                                                                                                                               | Reed sweet-grass              | 7               |                         |  |
| Iris pseudacorus                                                                                                                                                                                                                                              | Yellow flag Iris              | 7               |                         |  |
| Stachys palustris                                                                                                                                                                                                                                             | Marsh woundwort               | 7               |                         |  |
| Caltha palustris                                                                                                                                                                                                                                              | Marsh marigold                | 8               |                         |  |
| Typha latifolia                                                                                                                                                                                                                                               | Great reedmace                | 7               |                         |  |
| Eupatorium cannabinum                                                                                                                                                                                                                                         | Hemp agrimony                 | 7               |                         |  |
| Allium ursinum                                                                                                                                                                                                                                                | Wild garlic                   | 7               |                         |  |
| Persicaria bistorta                                                                                                                                                                                                                                           | Common bistort                | 7               |                         |  |
| Epilobium hirsutum                                                                                                                                                                                                                                            | Great willowherb              | 7               |                         |  |
| Scrophularia auriculata                                                                                                                                                                                                                                       | Water figwort                 | 8               |                         |  |
| Lycopus europaeus                                                                                                                                                                                                                                             | Gypsywort                     | 7               |                         |  |
| Lythrum salicaria                                                                                                                                                                                                                                             | Purple loosestrife            | 7               |                         |  |
|                                                                                                                                                                                                                                                               |                               |                 |                         |  |
|                                                                                                                                                                                                                                                               |                               |                 |                         |  |

- NOTES
- THIS DRAWING SHALL