

KEY TO EXISTING SITE

Existing Vegetation

- Existing Trees Retained**
Location of existing trees with Root Protection Areas shown as per Hayden's Tree Constraints Plan
- Existing Trees Retained**
Assumed location of trees located off site as identified from Google
- Existing Trees to be Pruned**
Assumed location of trees located off site as identified from Google
- Existing Hedges Retained**
Location of hedges as identified by the topographical survey
- Other Existing Vegetation Retained**
Location of other shrubs and vegetation as identified by the topographical survey
- Existing Grass Areas**
Areas of grass lawn and playing fields

Existing Surfacing & Structures

- Existing Artificial Grass Areas**
Existing play area surfaced with artificial grass
- Existing Synthetic Surfacing**
Existing play area surfaced with rubber safety surfacing
- Existing Gravel Surfacing**
Existing play area surfaced with gravel
- Existing Timber Surfacing**
Existing timber access ramps/steps
- Existing Concrete Surfacing**
Existing areas of concrete
- Existing Asphalt Surfacing**
Existing areas of asphalt
- Existing Paved Surfacing**
Existing areas of paving and/or brick sets
- Existing Buildings**
Existing buildings, containers, sheds, boxes etc

KEY TO LANDSCAPE PROPOSALS

Proposed Planting Details & Specification

All areas of new landscaping to have the existing topsoil and subsoil decompacted by hand digging or rotorator. If any imported topsoil is required it should be placed to a depth of 350mm minimum in shrub areas and 200mm in grass areas and comply with BS3882:2007 Specification for Topsoil and Requirements for Use.

Planting should take place during the dormant planting season ie October to March. Indigenous species selected for seasonal interest and biodiversity.

Grass

Existing grass which is disturbed during construction is to be reinstated with new turf eg Rowlawn Medallion amenity grass mix of fescue, ryegrass and bent

- Potential New Wildflower Grassland Areas for BNG**
A strip around the sports field to be left uncut and wildflower seeds sown and left to develop into a grassland meadow to achieve a positive Biodiversity Net Gain

Shrub Planting

Shrubs to be pit planted at densities indicated, to provide ground cover, low maintenance shrub/flowering plant areas, to the following specification:

- Ornamental Shrub Planting**
Shrubs to be pit planted 4 per m². Planted to provide low maintenance, colourful, dense low growing shrubs. All plants to be 3 litre pot grown stock, planted in swathes of the same species as indicated on the drawing.

Tree Planting

Standard specimen trees planted in locations indicated.

- Specimen Tree Planting (2 no.)**
3.5-4.25m high, 12-14 cm girth "Heavy Standards" grown in Air Pots (supplied by Deepdale Trees or similar approved) with 1.75-2.0m clear stem to be pit planted including underground guying to secure the tree in an upright position and "root deflection" system near paved areas including bulky organic compost mixed backfill.

Car Park & Pedestrian Circulation

- Existing Car Park Retained**
New parking bays 2.5m x 5.0m to be demarcated with white lining
- New Access Routes**
All access paths to the new classroom to be tarmac surfaced surfaced with concrete pin kerb edgings. Full details of central ramp provided in MS3
- New Stepped Access**
Access steps to the new classroom to be formed in brick to match the plinth of the new building with hand rail in accordance with Part M of Building Regs

Fencing & Gates

- New 1.8m high security fencing and gate
- New 1.2m high timber post and rail fencing and gate



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Notes:

This drawing is based on:

- Topographical Survey, drawing no. 42096NOLS-01A by Survey Solutions dated 23/08/2022
- Proposed Plan, drawing number BPS-RHP-TB-ZZ-DR-A-2005-P2 MS2 Proposed Plan Permanent by rhp Architects, dated 03.08.2023

Bio-retention Rain Garden Area

Proposed bio-retention area/rain garden. Size and location shown indicatively. Refer to Curtins drawing 081728-CUR-XX-XX-D-C-92800 for indicative details at this stage.

Rain garden to be constructed as per Engineers details and planted with species which prefer damp conditions but can tolerate periods of dry conditions as follows:

- Bio-retention Rain Garden (17m²)**
- 5 litre pot grown plants to be planted in random groups of 3, 5 or 9 plants/group at 0.3m centres in the following species:
- 20% Liriope muscari (Big blue lilyturf)
 - 20% Crocosmia crocosmiiflora (Montbretia)
 - 20% Primula vulgaris (Primrose)
 - 20% Hemerocallis (Daylily)
 - 20% Lythrum salicaria (Purple loosestrife)

Ecological Enhancement

The following ecological enhancement measures have been included as recommended within the Preliminary Ecological Appraisal Report Revision B by Enzygo.

Landscape Planting

A range of native species and species which are known to be of value to wildlife and retain boundary trees and hedgerow, providing enhanced habitat connectivity and wildlife corridor

Nesting Birds

4 no. bird nest boxes e.g. Schwegler 1B or similar, to be positioned 2.5 to 5 metres above ground level

Roosting Bats

2 no. bat roost boxes e.g. Schwegler 2F or similar, to be positioned 2.5 to 5 metres above ground level

Deadwood Hibernacula

2 no. deadwood hibernacula created at the site boundaries to provide enhanced refuge, shelter and hibernation opportunities for a range of wildlife including small mammals, common amphibians and invertebrates. The woody arisings from any required tree/shrub clearance would provide suitable materials for the creation of these piles

Refer to PEA for full details. Exact locations to be confirmed by Enzygo.

P1 17.11.23	Enzygo ecological enhancement added	MJB	GM
P0 16.11.23	MS3 Planning Stage Issue	MJB	GM

Rev	Date	Description	Drawn	Checked
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Client
RG Carter /
Cambridgeshire County Council

Project
Benwick Primary School
High Street
Benwick, March, PE15 0XA

Title
Proposed Landscaping &
Biodiversity Enhancement Scheme

Drawing Status
STAGE 3 PLANNING

Drawn	MJB	Checked	LB
Date	07.08.23	Scale (A1)	1:250

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BREKAW Code for Sustainable Homes Assessor Landscape Architecture Highway Engineers
Life Cycle Costing Energy Assessments CIP ECAS Daylight Calculations

Job Number	Drawing Number	Rev
A5606	03	P1