

# **LANDSCAPE MANAGEMENT PLAN (LMP)**

## **LLANWERN VILLAGE HALL**

August 2026

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## **1.0 INTRODUCTION**

### **Background and Context**

- 1.1 This Landscape Management Plan (LMP) has been prepared by Roberts Limbrick on behalf of Llanwern Community Council
- 1.2 This Management Plan relates to the landscape proposals associated with the Llanwern Village Hall car park and the footpath to the Village Hall, which are located within Llanwern Village, Newport.
- 1.3 Responsibility for the management and maintenance of the landscape proposals will transfer to Llanwern Community Council following completion of the contractor's 12-month defects liability period. During the defects liability period, all maintenance responsibilities will remain with the contractor. Thereafter, the site shall be managed in accordance with this Management Plan for a minimum period of five years.
- 1.4 This report has been designed to provide a steering manual for the management of the site. It sets out in broad terms the landscape aspirations for the site, both in the short and longer term and provides practical means by which these aims can be achieved. It relates directly to the detailed landscape proposals, the relevant details of which can be found on the associated drawings:
  - 11951-RL-XX-00-DR-L-P8301 Detail Planting Plan
  - 11951-RL-XX-00-DR-L-P8401 Tree Pit Detail

### **Legislation and Policy**

- 1.5 All relevant EU and UK nature conservation law in relation to the protection of ecological features and species, and ecological enhancement, will be adhered to. This includes the protection of nesting birds (under the Wildlife and Countryside Act 1981), therefore no works to trees or hedgerows are to be undertaken during the bird nesting season. Works outside of this time period are to be subject to checks by an ecologist.

## **2.0 DESCRIPTION OF PROPOSALS**

- 2.1 The proposed development comprises the construction of a new car park and footpath at Llanwern Village Hall, located on Station Road, Llanwern, Newport.
- 2.2 The landscape proposals include designated parking spaces, a cycle shelter, and associated soft landscaping. Planting comprises areas of wildflower meadow, orchard trees, and native hedgerows, which will help integrate the development into its rural setting while providing year-round visual interest and enhancing biodiversity.
- 2.3 There are no proposed alterations to the existing vehicular access from Station Road. A new pedestrian footpath is proposed, providing access from the car park through the adjacent field, to the rear of the village hall.

### **3.0 LANDSCAPE MANAGEMENT AIMS AND OBJECTIVES**

#### **Key Objective**

- 3.1 The key management objective for the site is to maintain quality, neat (as appropriate to the type of planting), tidy, safe and useable spaces and an attractive setting for the development, where planting has successfully established and is well looked after for the benefit of both people and wildlife.
- 3.2 To achieve this objective, and ensure continued success, it will be important to monitor and review the effectiveness of this LMP.

#### **Key Aims**

- 3.3 The main aim of the LMP is to put mechanisms and standards in place which ensure that the open spaces of the site are well managed in perpetuity, for the benefit of local residents and site visitors so they do not become degraded through neglect, inappropriate or poor management or misuse.
- 3.4 The main aims for the management and maintenance of the site are:
  - To introduce strong management policies which will enhance the visual appeal of the site and create a high-quality, safe and useable landscape.
  - To encourage appropriate use of the site by local residents and site visitors, whilst strongly discouraging inappropriate use of the site by, for example, vandalism, tipping, anti-social behaviour.
  - To ensure successful establishment of the newly planted areas, and that the long-term health and vigour of the new planting is optimised.
  - To ensure that the biodiversity of the site is enhanced through the successful maintenance of the designed habitats, with the control of invasive and exotic species.
  - To carry out maintenance work in accordance with best practice using sustainable techniques and materials.
  - To monitor success and progress against the management objectives.

## 4.0 GENERAL MAINTENANCE REQUIREMENTS AND ENVIRONMENTAL CONSIDERATIONS

### General Maintenance Requirements

#### 4.1 Standards of Workmanship / Planting Stock

Landscape management and maintenance are to be carried out in accordance with the following standards (as per the latest revisions):

- Maintenance operations in accordance with *BS4428: Code of Practice for General Landscape Operations*.
- Maintenance of soft landscaping (other than amenity turf) in accordance with *BS7370-4: Grounds Maintenance. Recommendations for Maintenance of Soft Landscape*.
- All plants to confirm to *BS3936: Nursery Stock* and the *National Plant Specification*.
- *Planting of new trees in accordance with BS8545: Trees from nursery to independence in the landscape*.
- Tree work to be carried out in accordance with *BS3998: Tree Work – Recommendations*.

#### 4.2 Timings of Works

- No pruning works to trees or hedgerows to be undertaken during the bird nesting season.
- Replacement planting to be undertaken during the following planting season following identification of any dead, dying or diseased plants.

#### 4.3 Watering

- Planting stock to be watered as required during the growing season in order to ensure successful establishment (likely to be 1-2 years for ornamental planting and up to 3 years for trees and hedges). Following any dry periods of 7-10 days, soil moisture content should be assessed, and watering undertaken as necessary.

#### 4.4 Failure to Thrive

- Any trees or hedges, which fails to thrive in the first five years, whether by natural means, neglect or vandalism, to be replaced in the planting season following the loss. Replacement plants to be of the same specification and size as the original specification.

#### 4.5 Use of Mulch and Weeding

- The need for weed control will be minimised using mulch in tree and hedge planting areas. The mulch is to be regularly topped up to 70-90mm, ensuring that the lower branches and foliage of plants are not smothered.
- Planting areas to be kept weed and grass free, preferably by hand or mechanical means.
- Mulch to be kept clear of tree stems.

#### 4.6 Pests and Diseases

- All planting to be kept free of pests and diseases with regular monitoring to be undertaken.

#### 4.7 Litter and Arisings

- Litter and debris to be cleared by hand and removed from site on a monthly basis, and prior to mowing of grassed areas.
- All arisings from site to be removed from site and disposed of at a registered facility. Recycling or composting of arisings should be prioritised.

#### 4.8 Non-Native Invasive Species

- Removal of non-native invasive species from the site as they occur. For guidance on species classed as invasive, refer to Schedule 9 of the Wildlife and Countryside Act 1981 (as amended) for current listings.

### **Environmental Considerations**

4.9 Management of the site should have regard to the most practical, sustainable and environmentally conscious techniques and materials, which includes:

- **Use of Peat** – products containing peat are not to be used. Wherever possible plants grown without peat should be specified.
- **Recycled Materials** – consideration should be given to the use of products with recycled content, e.g. wood chip mulch, green waste compost.
- **Use of Pesticides / Herbicides** – a minimal approach should be taken to the use of weed killers and other chemicals, with a focus on an organic approach, such as hand weeding and use of mulch mats.
- **Use of Plastic** – use of plastic should be minimised, and biodegradable / recyclable products should be used wherever possible e.g. biodegradable tree ties and shelters.
- **Water Management** – where possible plants are to be watered at the beginning or the end of the day to ensure minimum water evaporation. If appropriate and available, recycled water should be used.
- **Use of Machinery** – where possible consideration should be given to the use of electric machinery over petrol / diesel.
- **Use of Organic Materials** – preference for use of products approved by the Soil Association
- **Local Provenance** – preference for specification of planting stock grown locally, and within the UK, or has been grown within the UK for minimum of 1 year following import.
- **Biosecurity** – need to ensure current biosecurity threats are monitored and appropriate action taken where necessary.

## 5.0 LANDSCAPE MANAGEMENT OPERATIONS

5.1 Management operations are set out for the following landscape elements that are proposed or existing within the site at present:

1. New Tree Planting
2. New Hedgerow Planting
3. Wildflower Meadow

### 1. New Tree Planting

5.2 **Objective:** to promote early establishment and vigour in all newly planted trees. Longer-term management to include replacement as required and formative pruning to create strong landscape features.

5.3 Maintenance requirements for new tree planting are:

- Watering as required to ensure healthy growth, particularly in Years 1 and 2. All trees to be visited every 7-10 days in periods of dry weather and sufficient water to be applied to maintain good vitality.
- Tree supports to be regularly checked, adjusted, repaired and replaced as necessary and irrigation tubes to be kept free of blockages.
- Tree stake ties to be adjusted (loosened or tightened) regularly to avoid asphyxiation of the tree trunk and to ensure rubbing does not occur in windy conditions.
- Stakes and ties to be removed after 2-3 years, once tree has successfully anchored.
- Trees that have become loosened, lifted or out of the ground to be set upright and re-firmed by treading.
- Weed control is required around the base of trees (c.1m radius or surface of the original planting pit, whichever is greater), with the area kept weed and grass free by hand or mechanical means.
- General formative pruning to be carried out to remove straggling stems, over-vigorous shoots, suckers and dead, misshapen, broken or otherwise unhealthy branches. The overall form of the tree is to remain balanced following pruning work. Clear stems to be maintained to a height as specified within the associated planting plan 11951-RL-XX-00-DR-L-P8301 Detail Planting Plan
- In the event of tree death, reason for failure should be investigated and addressed before replanting. If death is due to planting conditions, these shall be ameliorated. If death is due to pest or disease likely to be present in the future, a resistance species of similar characteristics should be specified.

- Tree safety should be checked regularly (biennial or as recommended), with a tree risk assessment undertaken by a qualified arboriculturist to identify and remediate hazards.

## 2. New Native Hedgerow Planting

5.4 **Objective:** Promote early growth of new hedge plants to create well-structured and healthy, dense hedges.

5.5 Maintenance requirements for new hedgerow planting are:

- Watering as required to ensure healthy growth, particularly in Year 1 and 2. All planting areas to be visited weekly in periods of dry weather and sufficient water to be applied to eliminate drought related stress.
- Plants, which have become loosened, lifted or out of the ground to be set upright and re-firmed by treading.
- Until established, formative pruning to be undertaken twice annually to keep the hedgerows neat and tidy and encourage growth.
- Once established native hedges to be maintained in a regular, rectangular shape with a maximum height of 2m and width of 1m and managed on a 2-3 year rotation with work undertaken to only one side at any time.
- Pruning of hedges shall be carried out during the winter months, following fruiting, during frost free periods, to avoid disturbance to birds in the breeding season.
- Gaps shall be planted with new plants. Any new planting within the native hedges will need to be protected for approximately 3-4 years. Initially the surrounding hedge may need cutting back to ensure the new plants receive sufficient light.
- Shrub shelters, spiral guards and any protective fencing to be removed once the hedge is established.

### 3 .Wildflower Meadows

5.6        **Objective:** To ensure successful establishment and continued annual display of attractive and diverse wildflowers.

5.7        Wildflower meadows, and wetland wildflower grassland is proposed as part of the scheme. Maintenance requirements for new wildflower grasslands are:

- When newly seeded wildflower areas reach 50mm they should be cut to a height of 25mm. All arising's shall be removed. Any bare patches shall be made good at this time. Meadow grass shall be regularly maintained between 25 and 50mm during the first season after sowing to reduce the number of coarse grasses and perennial weeds.
- After the first year of establishment, one or two meadow cuts should be undertaken per year, cutting down to 25-50mm in the late summer cut (optional) and cutting down to 25mm in late autumn (mandatory).
- Mowing method to be determined by the contractor in terms of hand mowing, ride on mowers etc. The selected method must be suitable for the gradients, access and required finish of the grassed areas. Mowing method should not damage soil structure.
- Cutting to be carried out in suitable dry weather.
- Junctions between wildflower areas and amenity grass / planting beds / hard surfaces to be regularly edged and trimmed.
- Mowers and strimmer's are not to be used within 400mm of a tree trunk.
- All meadow grassed areas to be kept free of undesirable plant growth, such as dock, thistle, nettle and ragwort. All should be controlled by hand excavation

## 6.MAINTENANCE SCHEDULE

### Establishment Years 0–5

- 6.1 The following schedule summarises the maintenance operations to be carried out within the first five years where applicable and indicates where the maintenance operations should be continued into future years (6–15).

| Establishment Years 0–5 |                       |                             |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|-----------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref                     | Management Categories | Timing                      | Maintenance Task and Method                                                                                                                                                                                                                                                                                                                                                            |
| 6.1.1                   | All planting areas    | Every visit                 | <input type="checkbox"/> Verify healthy growth of planted stock<br><input type="checkbox"/> Water as required to ensure success<br><input type="checkbox"/> Ensure stock is securely planted<br><input type="checkbox"/> Investigate failed plant growth<br><input type="checkbox"/> Removal of weeds<br><input type="checkbox"/> Clear rubbish and debris and remove from site        |
|                         |                       | Annually                    | <input type="checkbox"/> Record and report plant losses to client<br><input type="checkbox"/> Apply fertiliser to promote healthy growth<br><input type="checkbox"/> Balance vigorous and less vigorous species<br><input type="checkbox"/> Check for and remove invasive species<br><input type="checkbox"/> Ensure bark mulch has a depth of 70–90mm                                 |
| 6.1.2                   | Trees – newly planted | As required                 | <input type="checkbox"/> Carry out necessary remedial/maintenance works (e.g. removal of hanging deadwood)<br><input type="checkbox"/> Maintain tree risk management safety records<br><input type="checkbox"/> Water as required to ensure success                                                                                                                                    |
|                         |                       | Monthly                     | <input type="checkbox"/> Ensure trees are stable<br><input type="checkbox"/> Check stakes, ties, and guards are comfortably fitted and unbroken<br><input type="checkbox"/> Replace/upgrade guards/shelters as necessary<br><input type="checkbox"/> Monitor trees for healthy development for the first three years<br><input type="checkbox"/> Visual inspection for health concerns |
|                         |                       | Annually                    | <input type="checkbox"/> Remove any dead/dying branches as appropriate<br><input type="checkbox"/> Undertake formative pruning of new trees                                                                                                                                                                                                                                            |
|                         |                       | 3 to 5 years after planting | <input type="checkbox"/> Confirm root growth is well established<br><input type="checkbox"/> Remove shelters, stakes, guards, and ties from trees                                                                                                                                                                                                                                      |

|       |                               |                          |                                                                                                                                                                                                                                                                                                                                      |
|-------|-------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.1.3 | Native Hedges – newly planted | Monthly                  | <input type="checkbox"/> Check hedgerows for gaps and infill with replacement plants of the same species and size to a suitably prepared soil bed.<br><input type="checkbox"/> Maintain a weed-free hedgerow environment<br><input type="checkbox"/> Formative pruning to avoid encroaching into pathways from March through October |
|       |                               | Annually                 | <input type="checkbox"/> Hedgerows, once established to be maintained at height specified above, and managed on a on a 2-3 year rotation with work undertaken to one side at a time.                                                                                                                                                 |
| 6.1.4 | Wildflower meadows            | Cutting regime – Year 1  | <input type="checkbox"/> Once wildflower grass reaches 50mm, cut down to 25mm.<br><input type="checkbox"/> Maintain between 25-50mm during year 1 to minimise competition from grass / weed species<br><input type="checkbox"/> Reseed bare patches<br><input type="checkbox"/> Remove all arisings                                  |
|       |                               | Cutting regime – Year 2+ | <input type="checkbox"/> Cut to 50mm after flowering/end of season (typically August/September)<br><input type="checkbox"/> Do not cut in drought conditions<br><input type="checkbox"/> Edge and trim junctions between wildflower meadow and hard surfaces.<br><input type="checkbox"/> Clean adjoining path areas after mowing.   |
|       |                               | Monthly                  | <input type="checkbox"/> Keep wildflower areas free from weeds from March to October or as required.                                                                                                                                                                                                                                 |
|       |                               | Annually                 | <input type="checkbox"/> Check and report to client on damaged areas. Undertake the appropriate action on instruction.                                                                                                                                                                                                               |

### Long Term Management 6-15 years

- 6.2 The planting will continue to develop which will require annual reviews beyond the initial 5-year period up until 15 years. During this period, any operations highlighted within the establishment period will continue to be necessary with their precise timing becoming dependent on a programme of monitoring for the appropriate maintenance operations.
- 6.3 Annual reviews should continue to take place to check the structural growth and general health of all trees to avoid posing a hazard to pedestrians. Any safety issues should be reported and henceforth investigated as soon as possible with appropriate remedial works undertaken by suitably qualified operatives.