



10 YEAR LANDSCAPE MAINTENANCE
AND MANAGEMENT PLAN;

Land Adjacent To 6 Brynseion Street Troedyrhiw Merthyr Tydfil

Application Number P/23/0087

1 INTRODUCTION

1.1 Description of the project

George and I were instructed to prepare a 10 year Landscape Management Maintenance Plan (LMMP) for the planting proposals associated with the Land Adjacent To 6 Brynseion Street Troedyrhiw Merthyr Tydfil

For clarity, the proposed management plan includes all areas associated with the site public open space (POS), public access, public amenity areas and site boundaries are referred to as the 'site'.

This report is to be read in conjunction with the maintenance schedules in Appendix 1 and with the G+Co 941.15 v2024 drawing Soft Landscape Proposals.

1.2 Aims of the management plan

Years 1-5 The aim of the 5-year management plan is to achieve a successful establishment and initial development of the structural landscaping within the public open space and site boundaries which form part of the new housing development. In addition, the management plan seeks to maintain existing established vegetation in a good and safe condition to maximise screening qualities, wildlife value and longevity.

Within this period new planting of green infrastructure will be expected to establish to such an extent that it does not require watering or feeding unless in exceptional circumstances. Maintenance operation will gradually reduce and become more seasonally focussed. The requirement to replace initial failed planting will reduce to insignificant and may only need to address vandalism or animal damage. Long grass and herbaceous margins and swards will be fully established with natural grassland appearance and within long term regular maintenance.

Years 6+ (6-10). The focus of the management plan between years 6 and 10 is to achieve a practical level of regular maintenance to the maturing green infrastructure which creates and maintains a landscape of natural appearance that contributes to the key aims for landscape character, habitat creation and wider landscape connectivity.

The Landscape Maintenance Contractor responsible for the site in the long term (years 5+) should keep to the original design objectives and aims, whilst responding in a practical and sensitive way to any landscape issues that may arise in future years. Therefore, the management plan should be regularly reviewed and adjusted accordingly during this period to ensure the design objectives are maintained in the longer term.

The objectives of this plan can be individually identified as follows:

- - To achieve successful establishment of lawns
- - To conserve existing lawns in good condition and maximise the longevity for public amenity and conservation value
- - To enhance, restore and maintain existing lawns to maintain a natural appearance
- - To establish lawns within POS to create and maintain a setting for the new buildings

- - To identify and promptly correct any landscape defects or forces of change in the site

1.3 Monitoring

During the initial establishment period Years 1-5 the landscape Maintenance and Management shall be reviewed following annual site visits to determine the effectiveness of the operations included and revised in advance of the following year.

From year 6 onwards, monitoring and reviews shall focus on achieving practical maintenance and introducing adaptation to operations where forces of change have been identified which require a response if aims of the plan are to be achieved.

Monitoring will be undertaken by those operatives who regularly visit the site to undertake maintenance operations. Monitoring reports shall be issued at the frequency as required by this management plan. Reports shall clearly identify works that have been undertaken, issues or matters identified and recommendations.

2 LANDSCAPE MANAGEMENT PRESCRIPTION

General amenity turfed grass areas

Monitoring and repair

During September and March each year, undertake visual inspection of general amenity grass areas to identify areas of weak or damaged turf, either from erosion or failure. Where identified scarify and loosen soil over damaged area and over seed with a general amenity seed mix. Alternatively undertake shallow cultivation, level and lay amenity turf to make good damaged areas.

Watering

Water turf as soon as it is laid, water according to manufacturer's instructions during establishment do not allow turf to dry out in the first month, or until roots have gone down well into soil. When watering, ensure the underside of the turf and first 50mm of topsoil are damp, do not flood.

Year 1 only after planting water weekly during continual dry periods between May and August.

Mowing

After establishment, carry out regular cuts at monthly intervals during March, October and November reducing sward height to a height of 20–40mm. During the period April to September carry out fortnightly grass cutting to a height of 25-35mm. Cutting to be carried out with an appropriate mowing machine with sharply cut leaf blades. During mowing operations never remove more than one-third of the grass blade height per cutting. Do not cut during periods of prolonged drought when grass is not actively growing. All arising from cutting operations must be removed at each mowing visit.

Feeding and Moss Removal:

Years 1-2: Apply an application of spring fertiliser in April in accordance with manufacturer's recommendations.

Years 3 – 5: Apply an application of spring fertiliser with moss killer in April in accordance with manufacturer's recommendations.

Post year 5 operations

Post year 5 operations to be as above.

General amenity seeded grass areas

Monitoring and repair

During September and March each year undertake visual inspection of general amenity grass areas to identify areas of weak or damaged grassed areas. Where identified scarify and loosen soil over damaged area and over seed with a general amenity seed mix.

Watering

Water seed as soon as it is sown. If after sowing the weather remains dry for two or three days, water gently with a light sprinkler, repeat watering as necessary while the seeds are germinating, and the young seedlings are becoming established.

Year 1 only after planting water weekly during continual dry periods between May and August.

Mowing

After establishment carry out regular cuts at fortnightly intervals between April and September reducing sward height to a height of 30 – 50mm. During the period April to August carry out grass cutting to a height of 20-40mm. Cutting to be carried out with an appropriate mowing machine with sharply cut leaf blades. During mowing operations never remove more than one-third of the grass blade height per cutting. Do not cut during periods of prolonged drought when grass not actively growing. All arisings from cutting operations must be removed at each mowing visit.

Feeding and Moss Removal:

Years 1-2: Apply an application of spring fertiliser in April in accordance with manufacturer's recommendations.

Years 3 – 5: Apply an application of spring fertiliser with moss killer in April in accordance with manufacturer's recommendations.

Unadopted roads and paths

Monitoring

Inspect paved surfaces annually to identify damage or deterioration and report any actions necessary to maintain in good and functional condition.

Weed control

Apply glyphosate herbicide to roads and footpaths during May annually to kill weed and grass growth within paved surfaces.

Cleaning

Undertake machine cleaning at 6 month intervals to clear gutters and margins to ensure clean surfaces and efficient drainage. Where permeable paving systems are present ensure cleaning method is compatible with construction requirements.

LANDSCAPE MANAGEMENT AND MAINTENANCE PLAN RESPONSIBILITIES 3.1 Overview

Monitoring

It is the responsibility of Andrew Nolan to ensure that all works are carried out in this document to achieve the landscape objectives set out for the site.

External landscape areas within this site are to be managed by Andrew Nolan up to adoption by a local authority or handover to an estates management company.

The actions listed within this document are to be carried out by a suitably competent contractor in accordance with best arboricultural and horticultural processes.

Should the aims of the LMMP fail to be achieved, a review inspection visit of the site should be undertaken by the Landscape Constructor, Landscape Architect and Ecologist. Actions should be taken as required to ensure that the Landscape Management Plan and any (if relevant) Ecological Maintenance Strategy are achieved.

Monitoring shall include a general review every fifth year with a restoration and enhancement review at year 15.

APPENDICES – SCHEDULES

Item	Landscape feature		year from site practical completion							
5.	General amenity turfed grass areas	Document ref:	Yr1	Yr2	Yr3	Yr4	Yr5	Frequency	Season/period	Notes
5.1	Monitoring and repair	2.6.1	✓	✓	✓	✓	✓	Twice yearly	March and September	
5.2	Watering	2.6.3	✓					Variable	1 st Month May-August	Weekly May-August
5.3	Mowing	2.6.4	✓	✓	✓	✓	✓	Fortnightly	April-September	
5.4	Mowing	2.6.4	✓	✓	✓	✓	✓	Monthly	October/Nov - March	
5.5	Feeding and moss removal	2.6.5	✓	✓				Annually	April	First two years only
5.6	Feeding and moss removal	2.6.6			✓	✓	✓	Annually	April	
6.	General amenity seeded grass areas									
6.1	Monitoring and repair	2.7.1	✓	✓	✓	✓	✓	Twice yearly	March and September	
6.2	Watering	2.7.3	✓					Variable	1 st Month May-August	Weekly May-August
6.3	Mowing	2.7.4	✓	✓	✓	✓	✓	Fortnightly	April-September	
6.4	Mowing	2.7.4	✓	✓	✓	✓	✓	Monthly	October/Nov - March	
6.5	Feeding and moss removal	2.7.5	✓	✓				Annually	April	First two years only
6.6	Feeding and moss removal	2.7.6			✓	✓	✓	Annually	April	