



**Arboricultural Method Statement
and
Tree Protection Plan
for
Bike Park Wales
Merthyr Tydfil**

*Inspected by:-
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1. BRIEF

I have been instructed by Mr Liam Hopkins of The Urbanists to prepare an Arboricultural Method Statement (AMS) and a Tree Protection Plan (TPP) in relation to the proposed development at Bike Park Wales, Merthyr Tydfil.

2. TREE SURVEY AND PLAN

The information within this document is based on the Treescene Tree Survey 11.11.19 and the attached Treescene TPP 11/2019.

3. TREE FELLING/ PRUNING

Some trees require removal because they are unsafe to retain (U category trees in the tree survey) or to facilitate development. Other trees to be retained contain structural defects/deadwood or may impede vehicle/pedestrian movements within the site. Works to improve tree safety or remove a potential source of nuisance are detailed in the Preliminary Management Recommendations within the Tree Survey. All pruning and felling/coppicing works are to be undertaken by suitably qualified and experienced Arboricultural Contractors working to BS3998:2010 Recommendations for Tree Work.

It should be noted that the installation of the shepherds huts and associated paths will require the removal of trees located on the footprint of these structures but that surrounding trees and shrubs will be retained.

4. TREE PROTECTION PLAN

The position of the protective barriers is indicated on the attached Treescene TPP 11/2019. The tree protection will be installed immediately after the conclusion of the tree works and before the commencement of any construction activity on site.

5. TREE PROTECTION BARRIERS

Protective barriers in accordance with BS5837:2012 and the enclosed drawing (Figure 2) will be installed in the locations indicated on the TPP under the supervision of the Arboricultural Consultant. The protective barriers will remain in situ until the completion of the construction work and final site landscaping.

No materials that are likely to have an adverse effect on tree health, such as oil, cement and bitumen will be stored or discharged within the protective barriers. No fires will be lit within 15m of the crown spread of retained trees and concrete will not be mixed or transported within 10m of the trunk of any tree.

6. NO-DIG CONSTRUCTION

The TPP indicates that the installation of some footpaths and tracks may conflict with the RPAs of several trees. In these circumstance “no-dig” construction techniques will be employed to install the structures.

The basis of “no-dig” construction is formed by the utilisation of a 3 dimensional geotextile grid eg “Geocell”, “Cellweb” of similar products.

Depending on the ground levels in the specific area concerned some loose application of a granular, permeable fill eg crushed stone or sharp sand may be required to form finished surface levels.

Once the base level has been achieved the geotextile grid will be installed and filled with large diameter clean stone in accordance with the manufacturers recommendation. The finished surface eg permeable tarmac or stone dust, will then be laid on top of the 3 dimensional grid. The geotextile grid will be retained at its edges by the use of pre-formed metal edging secured by metal pins, or similar. A cross-section of no dig construction is attached in diagram 1.

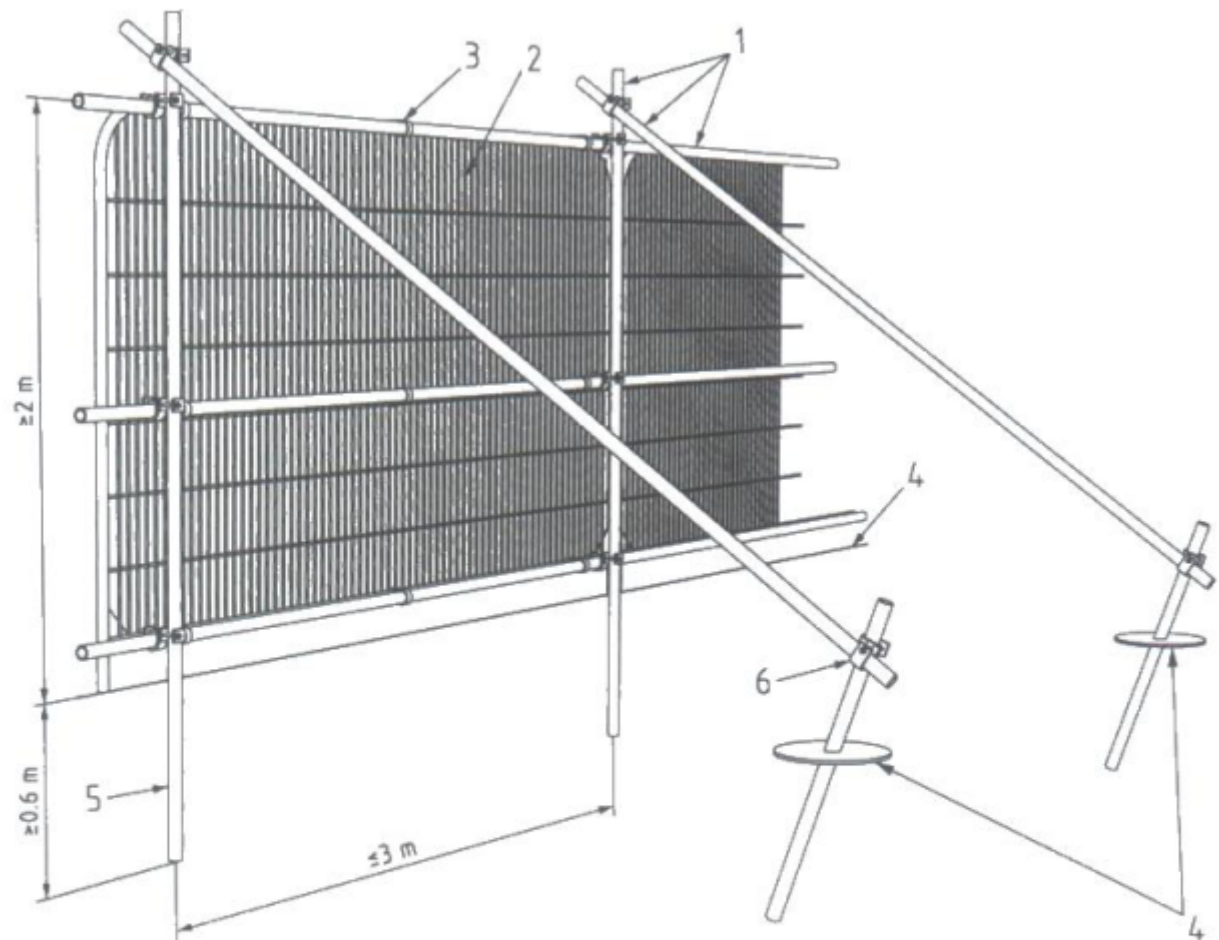
It should be noted that paths and tracks within RPAs of retained trees will be installed as the first stage of operations so that there is no direct machinery tracking over unprotected rooting areas at any time.

7. MONITORING AND SUPERVISION

The Arboricultural Consultant will undertake site inspections and monitoring/supervision at the following times:

- a. Pre-commencement meeting with tree contractor to agree tree removal and pruning.
- b. Supervision of installation of protective fencing.
- c. Monitor condition of fencing every 4 weeks during construction.
- d. Supervision of “no-dig” construction of paths and tracks.
- e. Supervision of removal of fencing following completion of project.
- f. Monitor condition of retained trees every 6 months following completion of construction for a period of two years.

Figure 2 Default specification for protective barrier



Key

- 1 Standard scaffold poles
- 2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
- 3 Panels secured to uprights and cross-members with wire ties
- 4 Ground level
- 5 Uprights driven into the ground until secure (minimum depth 0.6 m)
- 6 Standard scaffold clamps

Diagram 1. No dig construction method

