

Treestyle Consultancy

Jepps Ln, Barton, Preston PR3 5AQ
07872 064313

Tree Protection Plan

SCALE :
1 : 200 @ A3

DATE :
24/09/2021

MAP FILENAME :
200 Blackley New Road, M9 8FQ



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- Proposed Development
- Storage of Materials & Site Huts
- RPA Where ground protection must be installed
- Construction Exclusion Zone (CEZ)
- Tree Protection Fencing

There is insufficient information relating to below ground infrastructure available at present to comment as to whether or not their would-be adequate space for these to be installed outside of RPAs. If services do enter RPAs the use of hand digging as detailed in the National Joint Utilities Group publication 'Guidelines for the Planning, Installation and Maintenance of Utility Services in Proximity to Trees' (NJUG 10, Volume 4, 2007) will be undertaken to minimise the impact on the tree roots.

Construction Exclusion Zone (CEZ)

A construction exclusion zone (CEZ) is a designated area where there is to be no construction activity what-so-ever. Access to the area for construction personnel or machinery is strictly prohibited and there is no scope for materials or waste storage etc

Prohibition

- Mechanical digging or scraping is not permitted within a defined root protection area or within areas cordoned off by protective barrier fencing.
- No access will be permitted within the protected areas.
- No materials, equipment or debris will be stored within any of the fenced areas, or against the fencing.
- Fires are not permitted within 10m of any vegetation.
- Leaning objects against or attaching of objects to a tree is not permitted.
- Machinery, plant and vehicles are not permitted to be washed down within 10m of vegetation. Chemicals and materials are not to be transported, stored, used or mixed within a root protection area or within areas cordoned off by protective barrier fencing.
- Cement silos, mixing site to be situated within a bunded area to prevent pillage/leaking of chemicals harmful to trees. These areas are to be sited well clear of protected trees.
- Refuelling of plant or machinery is prohibited within 10m of the construction exclusion zones. It is essential that allowance should be made for the slope of the ground so that damaging materials such as concrete washings, mortar or diesel oil cannot run towards trees.
- Where machinery is to be used within 5m of retained tree canopies a banks man will be required at all times whilst setting up, moving or operating within this distance of retained trees canopies.
- Storage of all caustic material and chemicals are to be situated well clear of protected areas and preferably on lower ground if slopes are present, or to be situated within a bonded area to prevent any spills or leaks entering the ground.

Ground boarding

New temporary ground protection should be capable of supporting any traffic entering or using the site without being distorted or causing compaction of underlying soil.

Note The ground protection might comprise of one of the following:

- for pedestrian movements only, a single thickness of scaffold boards placed either on top of a driven scaffold frame, as to form a suspended walkway, or on top of a 9 compression-resistant layer (e.g., 100mm depth of woodchip), laid onto a geotextile membrane.
- for pedestrian-operated plant up to a gross weight of 2t, proprietary inter-linked ground protection boards placed on top of a compression-resistant layer (e.g., 150mm depth of woodchip), laid onto a geotextile membrane.
- for wheeled or tracked construction traffic exceeding 2t gross weight, an alternative system (e.g., proprietary system or pre-cast reinforced concrete slabs) to an engineering specification designed in conjunction with Arboricultural advice, to accommodate the likely loading to which it will be subjected.

Stump grinding should be to a minimum of 300mm or deep to extend through the base of the stump leaving the major roots disconnected and reduce to damage roots of retained trees.

NOTE Mechanical destruction of a stump by stump grinding is less disruptive to the site than digging out.

Tree Protection.

Protective fencing will be fit for purpose for the tree and site i.e., prevent unauthorised incursions and activities within RPAs.

Protective fencing - Boards attached to supporting framework surrounding the trunk will reduce the risk of accidental impact. (G2)

Existing boundary fencing will protect (G3) with a wood frame around the trunk can be used to support a plywood surround. Boxing in trunks provides effective protection, even in the tightest of situations along with the retention of existing hard surfacing to protect the RPA

BS5837 recommends warning signs are attached to fencing as reminder of the restrictions within the RPA

Fencing will be installed at the locations shown on the tree protection plan.

Fencing locations will not be altered without prior approval of the supervising arboriculturist.

Fencing will not be removed at the end of the construction activity without prior approval of the supervising arboriculturist

