

Method Statement & Tree Protection

Document Overview

Project Name	Detached Outbuilding in Rear Garden (BBQ Area)
Planning Reference	256/APP/2021/2597
Case Officer	Jimill Patel
Contractor	TBC
Site Address	38 Bury Street, Ruislip, HA4 7SU
Project Start Date	Q2 2022
Expected Duration	3-6 Weeks
Expected Completion Date	End of Q2

Version Control

Document Version	Released By	Date
1.0	Mario Cirillo	11/01/2021

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Section 1: Health and Safety

The following method statement has been developed to provide a safe system of work and must be adhered to at all times, any significant deviation from this system must first be authorised by your manager or safety representative. **Please read the entire sheet before beginning the procedure, if you have any questions please contact your manager or safety representative.**

The main hazards to your safety and health are;

- a) Injuries for carrying heavy materials
- b) Injury from incorrect Manual handling.
- c) Injury from slips trips and falls.
- d) Injury from the incorrect actions of other contractors on site.

Preventative Measures you must take;

- a) You must be “competent” to carry out the task.
- b) You must NOT carry out this task alone
- d) You must not lift beyond your capabilities, get help if necessary.
- e) Visitors and other members of staff are prohibited from entry unless accompanied by competent person, all visitors issued with personal protective equipment

Personal Protective Equipment you must wear;

- a) Safety Glasses
- b) Dust mask
- c) Overalls
- d) Gloves
- e) Safety boots
- f) Knee Pads

Environmental Protection Measures you must take;

- a) You must dispose of waste and spoil to the designated area or skip provided for waste. This is located at the front of the property on the driveway.

Quality Control

- a) Adhere strictly to the following procedure to ensure quality of service

PPE

All site workers will wear protective clothing, at all times, other items of PPE such as eye protection, and gloves are available to be worn as and when necessary.

First Aid

It is the responsibility of all sub-contractors to ensure adequate first aid provision for its staff; Adequate means provision of suitable first aid equipment and the provision of an appointed person at the minimum.

Site Access and Egress

The principal contractor is responsible for providing safe access and egress to the site, the contractor will ensure safe access and egress is maintained for themselves and other contractors in the area they are working in, good standards of housekeeping will be maintained.

Material Handling

All materials required for site will be unloaded to a designated unloading and storage area which will be away from the work area as far as is practicable. This area will be kept tidy to minimise trip hazards. Materials as and when required will be collected from the storage area to the work area. All staff will take care when handling materials. The designated area for storage of materials is on the driveway of the property away from public access.

Portland cement

Portland cement is a light gray powder that poses little immediate hazard. A single short term exposure to the dry powder is not likely to cause serious harm. However, exposure of sufficient duration to wet Portland cement can cause serious, potentially irreversible tissue (skin or eye) destruction in the form of chemical (caustic) burns. The same type of tissue destruction can occur if wet or moist areas of the body are exposed for sufficient duration to dry Portland cement.

All persons exposed to Portland cement must ensure that they have sufficient protection from the caustic effects of cement. Contractors will wear impervious gloves overalls and wellington boots, eye protection must be used during mixing, working and laying of Portland cement and its products

Section 2: Method Statement

Overview of Steps Required

Project Phase	Description	Contractor
Site Preparation	Prepare site / Mark out locations / erect tree protection fencing / Skip to be ordered to site	Main Builder
Tree Care	Tree Surgeon to assess and advise if any concerns	Tree Surgeon
Excavation	Shallow foundations to be dug by hand to a depth of 50mm in accordance with plans (See further details below on method and mitigation)	Main Builder
Base Creation	Shuttering to be added 100mm (50mm below ground / 50mm above ground). Reinforcement and Concrete to be poured. Concrete to be mixed on site in small batches using a mixer.	Main Builder
Brick Laying	Once base has cured the brick walls will be constructed in accordance with plans.	Main Builder
Timberwork	Wooden posts / supports to be erected and construction of roof to take place	Carpenter
Roof Construction	Breathable membrane and agreed slate tiles to be fixed to roof in accordance with plans.	Main Builder
Floor Slabs	Patio slabs to be laid on concrete base as internal floor	Main Builder
Site Clean-up	All materials and waste to be removed from site	Main Builder
Tree Protection	Tree protection to be removed	Main Builder
	Project Close	

Further Information

Digging Out / Excavations

- Mark out area to be excavated with marker paint
- Remove top layer of grass and assess area for any visible tree roots
- Dig out ground to required size and depth in line with drawings
 - No machinery to be used
 - Hand dig area only
 - All material to be removed via wheelbarrow and taken directly to the skip
- Check / Ensure excavated area is level and of agreed depth
 - Dig further or re-instate material if required
- All excavations to be left safe at the end of each day

Note:

If proposed hardstanding is found to have a tree root during excavation the tree surgeon will be consulted. Within this zone a 'No-Dig' construction technique will be adopted. Ground levels will not be reduced. Existing vegetation (grass) will be removed. A Geotextile membrane will then be laid on top of the existing surface.

Section 3: Tree Protection

Overview of Design Mitigation Taken

- According to the tree report carried out the proposed plans will have little / no impact on the existing trees.
- In order to mitigate against disturbing any potential roots that may be in the area excavation has been limited to only 50mm which will account for the removal of turf.
- No heaving machinery or digging equipment will be used on the site. All excavation will be manual digging only.

Tree Protection to be Used:

A temporary fence will be erected in order to protect the trees and shrubs highlighted in the diagram below.



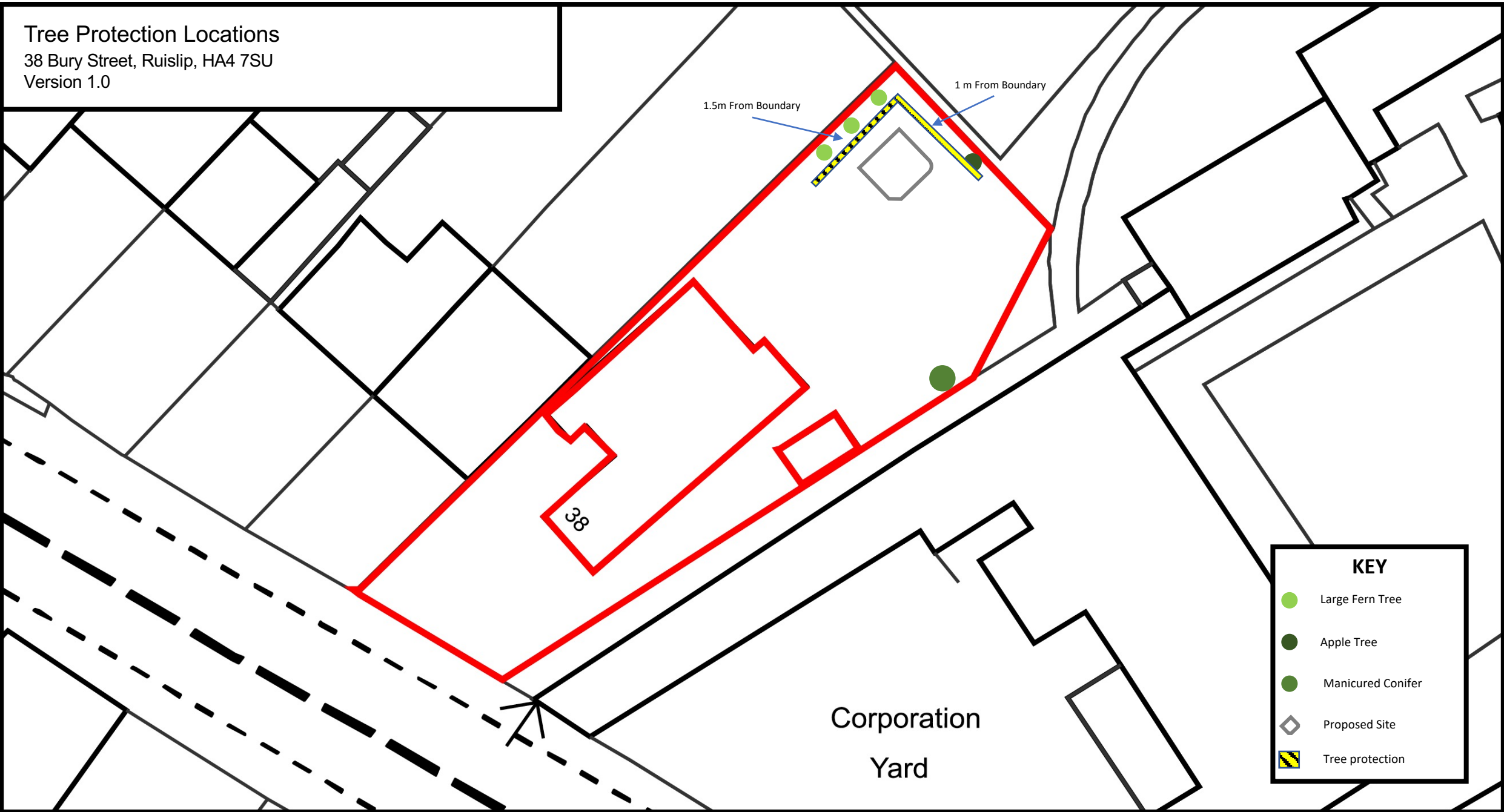
Mesh Fence Panels

Dimensions (L x W)
2.85 x 2m

Proposed Location of Protective Fencing:

See Diagram on Next Page

Tree Protection Locations
38 Bury Street, Ruislip, HA4 7SU
Version 1.0



KEY

- Large Fern Tree
- Apple Tree
- Manicured Conifer
- Proposed Site
- Tree protection