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COLOUR KEY

- Proposed artificial grass MUGA
- Proposed porous tarmac footpath
- SINC boundary from magic.defra.gov.uk
- 20m wide buffer to SINC
- Existing tree species stem girth and approximate tree height
- Tree RPA (radius of RPA = 12 x stem diameter)
- Hatched area indicating proposed grass / wild flower seeded raised bank constructed using excavated top soil positioned outside of RPA's. Slope gradient approx 1 in 3. Excess spoil to be removed from site.
- Proposed temporary solid protective fencing to protect existing TPO trees
- Proposed temporary mesh protective fencing to protect existing trees and SINC buffer zone
- 'No-dig' construction. Cellweb TRP or equivalent approved

GENERAL TREE PROTECTION MEASURES

1 x Grade C tree is to be removed. All other existing trees are to be retained and protected. Refer to Tree Protection Method Statement.

Temporary fencing to be erected to protect the main stems, canopies & RPA's of retained trees forming a CEZ Construction Exclusion Zone.

Temporary fencing to be erected prior to commencement and removed on completion. Solid fencing as indicated between MUGA and existing trees between MUGA and school; mesh visual fencing elsewhere.

'Tree protection area - keep out' warning signs to be installed upon fencing.

No plant or vehicles within RPA's.

No storage of materials within RPA's.

Storage of chemicals is prohibited near or around the base of trees.

Washing out of tools and equipment should be done well away from retained trees.

Hand dig excavations to be carried out within tree canopies and RPA's.

Root Protection Area (RPA). This is the area around each tree likely to contain the majority of roots. It should ideally remain undisturbed to avoid a detrimental impact on tree health.

For single stemmed trees it is calculated according to the formula "radius of RPA" = "12 x stem diameter". Where a tree has more than one stem, the equivalent single-stem diameter is usually recorded. This is calculated by adding the squares of the stems and then finding the square root of this total. The radius of the Root Protection Area is then calculated by multiplying the equivalent stem diameter by 12.

F	MUGA below ground surface water drain and note added. RPA's for adjacent trees added.	Mar 2022
E	Footpath layout, positioning of 8nr trees and new mound updated to coordinate with drawing number 04	Mar 2022
D	New trees relocated	Jun 2021
C	1 x Tree to be removed. 8 x new trees added. Drawing changed to A1. Notation added in response to consultee comments - refer to D&S.	Jun 2021
B	Scheme updated over topo survey. Tree diameters and RPA outlines added.	May 21
A	Footpath relocated	May 21
Rev	Description	Date

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Client Synthetic Turf Management Ltd

Project Proposed Multi Use Games Area at
The King's School, Lakesmere House
Allington Lane, Fair Oak, Eastleigh, SO50 7DB

Scale 1:250 @ A1 (1:500 @ A3) Date May 2021

Dwg Tree Protection Plan

Issue PLANNING APPLICATION

Project Ref 1159 Drawing No. 07 Revision F