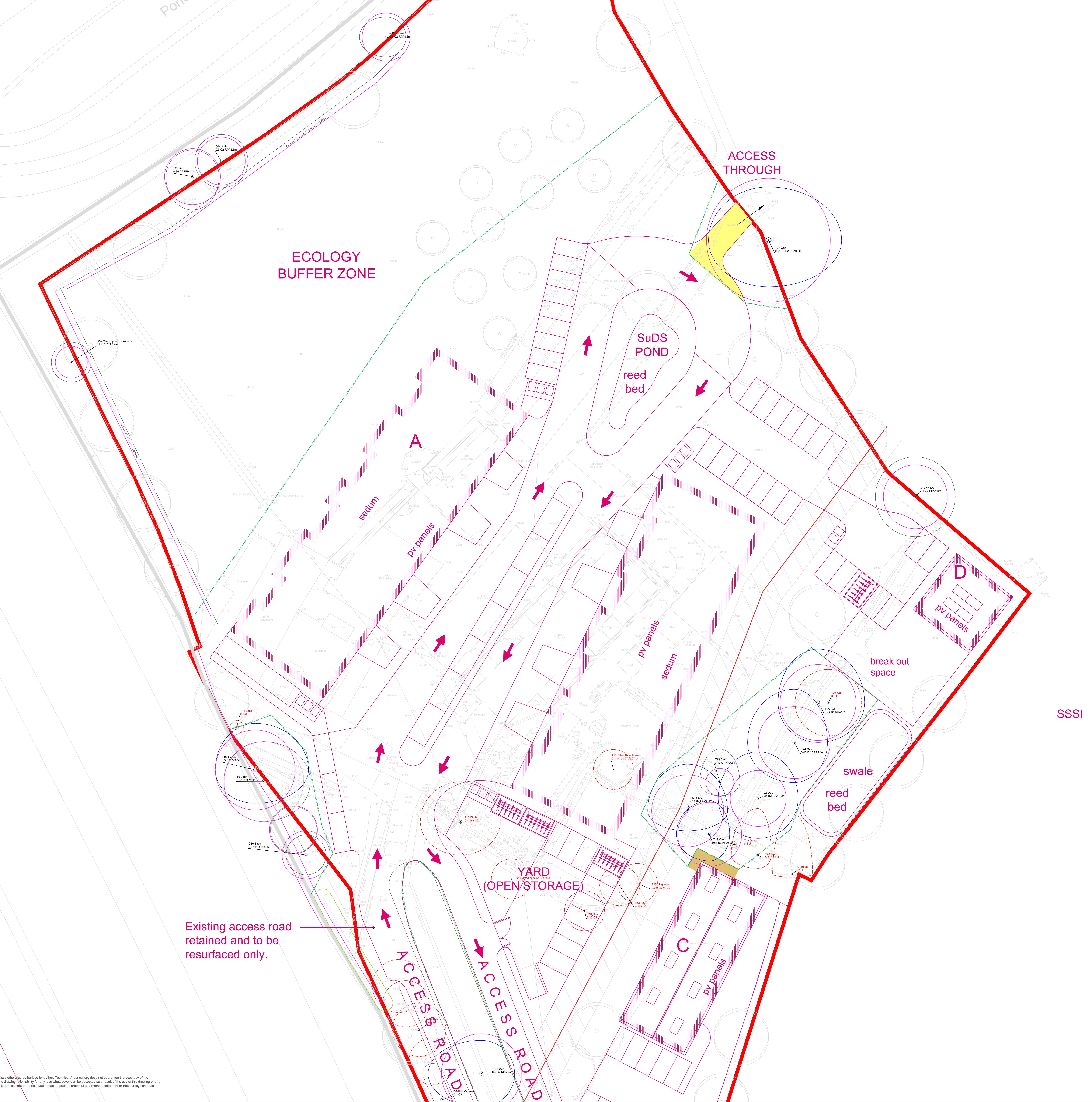
Drawing to be read in association with arboricultural impact appraisal and method statement. If in any doubt, details should be confirmed with project arboricultural consultant prior to commencement. Any work within root protection areas of trees should only commence following briefing from project arboricultural consultant. It should be confirmed that no legal restrictions, including (but not limited to) those imposed by Tree Preservation Order (TPO), conservation area, planning condition and/or protected species legislation, are in force before commencing ANY work recommended as part of this drawing, associated reports or verbal advice provided by the project arboricultural consultant.

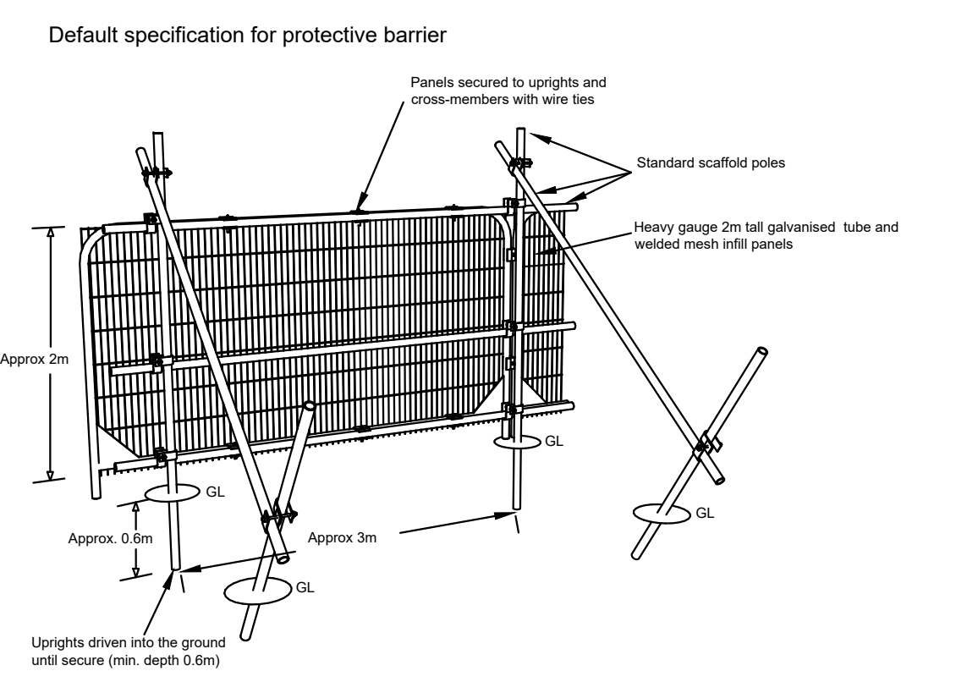
# TREE PROTECTION PLAN



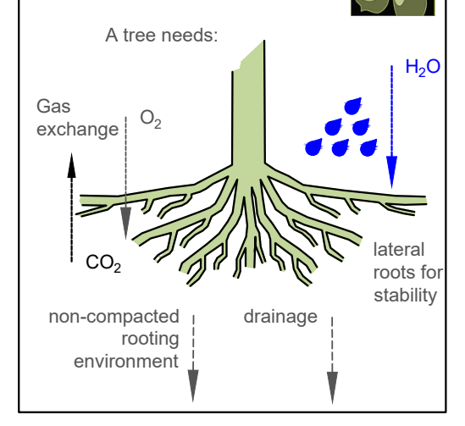
For planning purposes only unless otherwise authorised by author. Technical Arboriculture does not guarantee the accuracy of the information contained within this drawing. No liability for any loss whatsoever can be accepted as a result of the use of this drawing or any data or information taken from it or associated arboricultural impact appraisal, arboricultural method statement or tree survey schedule.

THE ORIGINAL OF THIS DRAWING WAS PRODUCED IN COLOUR - A MONOCHROME COPY SHOULD NOT BE RELIED UPON

## Default specification for protective barrier



Panels secured to uprights and cross-members with wire ties
Standard scaffold poles
Heavy gauge 2m tall galvanised tube and welded mesh infill panels
Approx 2m
GL
Approx. 0.6m
Approx 3m
Uprights driven into the ground until secure (min. depth 0.6m)



A tree needs:
Gas exchange
O2
CO2
H2O
lateral roots for stability
non-compacted rooting environment
drainage

**TREE PROTECTION AREA**
**KEEP OUT!**

**TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECT OF ATREE PRESERVATION ORDER. CONTRAVENTION OF A TREE PRESERVATION ORDER, MAY LEAD TO CRIMINAL PROSECUTION THIS FENCING MUST NOT BE REMOVED WITHOUT PERMISSION FROM THE TREE AND LANDSCAPE OFFICER**

ATTENTION!

TREE PROTECTION

Tree protection comprises two elements;

1. Fencing AND;
2. ground protection

**Do not assume that because you are outside the fence you are outside the RPA.**

N

## Legend

Tree number — Common name — *Tag number*

T13 oak *1234*
0.24m A1 RPA3.6m

Diameter in metres*

British Standard category in words

root protection area (RPA) radius in metres.

Root protection area (RPA) for retained trees

Indicative crown spread based on measurements at cardinal points (N,S,E,W). Trees for removal shown with dotted red canopy line

British Standard category as colour coded circle and crown spread:
● A ● B ● C ● U

*where the tree is multi stemmed, the figure stated is the calculated combined stem diameter, as recommended by BS5837:2012 (unless otherwise stated in the drawing).

| | |
|---|---|
| ▭ | Proposed new development. |
| ▭ | Tree Protection barrier - Protective fencing to BS5837:2012. Refer to BS5837 figure 2 and figure 3 as appropriate. |
| 🟨 | Low impact surfacing will be required to install new access and/or parking areas within RPA to prevent root damage. Protective fencing may be relaxed to undertake operations following approval by project arborist and should be replaced once operation is completed. Refer to relevant sections of arboricultural impact appraisal and method statement. |
| 🟫 | Space restrictions will require ground protection capable of supporting the level of construction traffic entering the area (refer to guidance in text box within drawing). Refer to relevant sections of arboricultural impact appraisal and method statement. |
| 🟫 | Ground protection specification for different levels of construction traffic (after BS587:2012):<br>• Pedestrian movements - scaffold boards placed either on top of a driven scaffold frame to form a suspended walkway; or on top of a compression resistant layer of 100 mm depth of woodchip, laid onto a geotextile membrane;<br>• Plant (pedestrian operated up to 2t gross weight) - proprietary, inter linked ground protection boards placed upon a compression resistant layer of 150 mm depth of woodchip, laid onto a geotextile membrane;<br>• Construction traffic (wheeled or tracked exceeding 2 t gross weight) - an alternative system (e.g. proprietary systems or pre cast reinforced concrete slabs) to an engineering specification designed in conjunction with the project arboricultural consultant, to accommodate the expected loading. |
| ○ *Betula pendula* | For repllacement trees refer to submitted landscape plan. |

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PROJECT **MOORLANDS FARM Hedge End**
DATE December 2022
JOB REF AIA/AMS-KC/MOORLANDS/001
DRAWING NO TPP-KC/MOORLANDS/001 sheet 2 of 2
DRAWN KC
SCALE 1:200 at A0
STATUS FINAL
REVISION C

REVISION NOTES
B - amendments to site layout.
C - amendments to site layout.

TREE PROTECTION PLAN