

TREE CATEGORIES

Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction – Recommendations'.

Category 'U' – Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.

Category 'A' – Trees of high quality with an estimated remaining life expectancy of at least 40 years.

Category 'B' – Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.

Category 'C' – Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

ROOT PROTECTION AREA

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category **A**, **B**, and **C** trees. This is a minimum area in m2 which should be left undisturbed around each retained tree.

The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction – Recommendations'.

The calculated RPA is capped to 707m2, which is the equivalent to a circle with a radius of 15m. Where there appears to be restriction to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

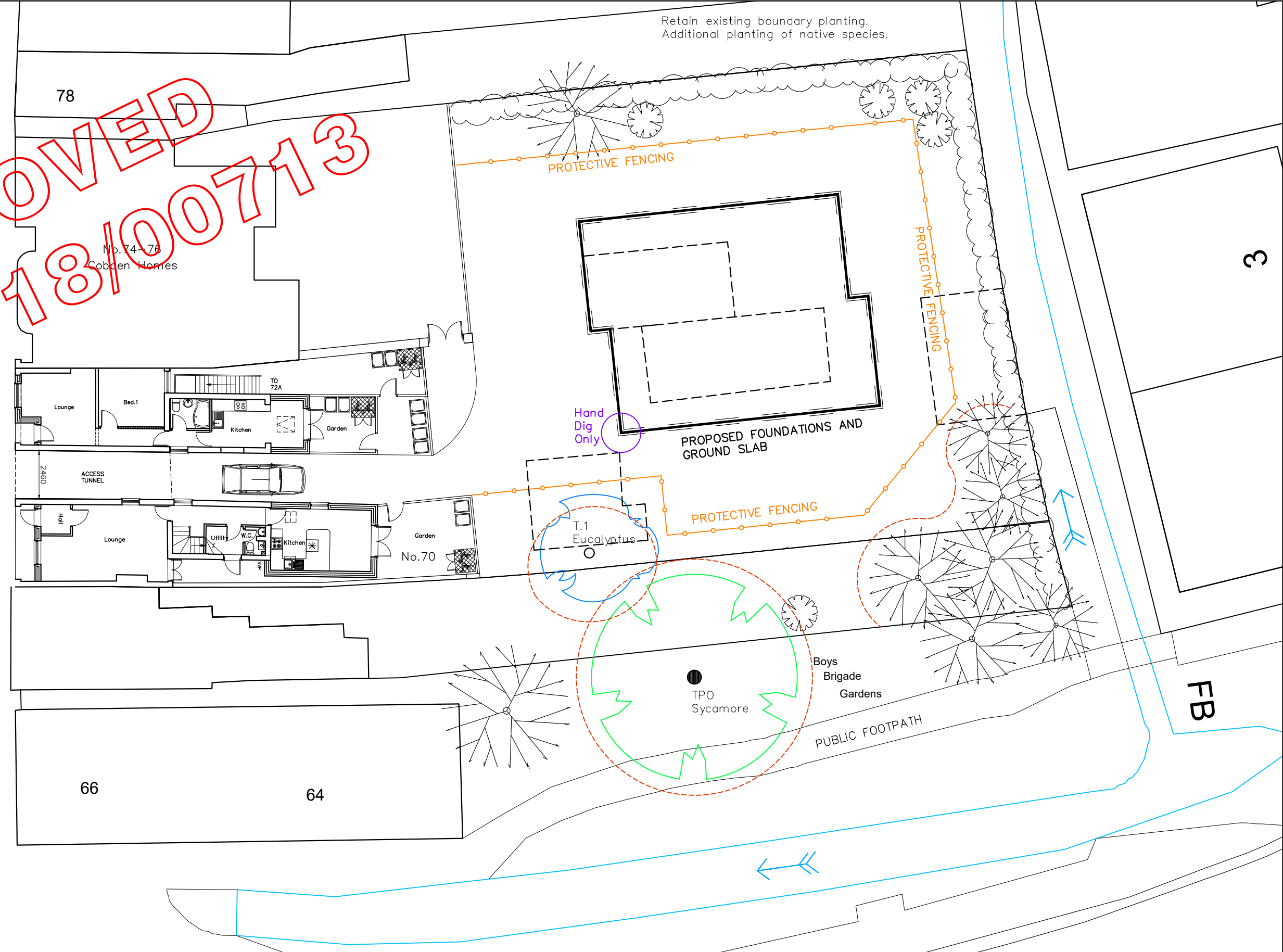
PROTECTIVE FENCING

To be erected prior to the commencement of all works on site, and retained in place throughout construction.

Default Specification: To comprise either 2.4m wooden site hoarding; or a 2.3m high scaffolding framework comprising of vertical and horizontal framework, well braced to resist impacts, with uprights to be spaced at a maximum of 3m intervals and driven into the ground by a minimum of 600mm. On to this, standard anti-climb welded mesh panels are to be securely fixed to each other with at least two scaffold clamps and to the scaffold framework with wire.

secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabiliser struts, which should be attached to a base plate and secured with ground pins.

All weather notices should be erected at regular intervals on the weld mesh panels with words such as "Construction exclusion zone – Keep out".



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TREE ROOT PROTECTION PLAN

Revisions	a) Note/Date/Initial
b)	
c)	
d)	

CAD

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Scale A3 = 1:200
Drawn OS/JHL
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