

TREE PROTECTION PLAN (TPP)

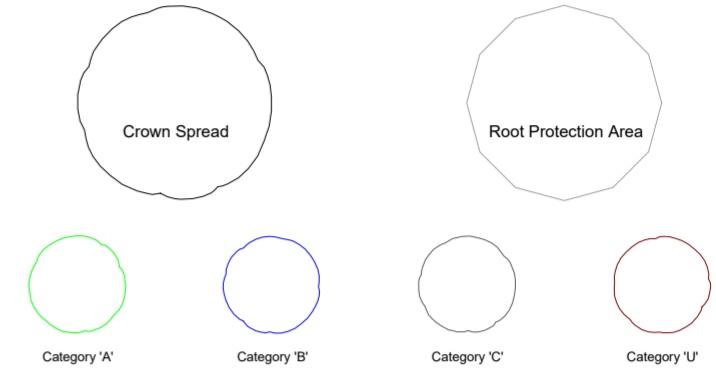
SCALE :
1 : 200 @ A2

DATE :
24/03/2024



MAP FILENAME : Ashworth Mansions
REFERENCE: TPP.AM.0885.V1

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Key

- Precautionary Zone
- Construction Exclusion Zone (CEZ)
- Location of required work
- Barrier Fencing
- Wooden Frame Work to Protect Trunks (Boxing)

Notes.

Arboricultural Supervision.
The project arboriculturist should oversee/supervise all operations within precautionary zones, this is to ensure the correct method of operations is undertaken and to advise on tree matters should they arise.

Exposed Tree Roots

Any exposed tree roots that it is not possible to retain shall be pruned back to the next available side growth point with a clean cut using sharp secateurs or saw, all exposed roots shall be rapped in hessian to stop desiccation and the effects of rapid temperature change.

Concrete installation in proximity to trees. Where there is a requirement to pour/lay concrete in proximity to trees there shall be a physical barrier to stop the leachate from contaminating soil around roots during the curing stage of the concrete.

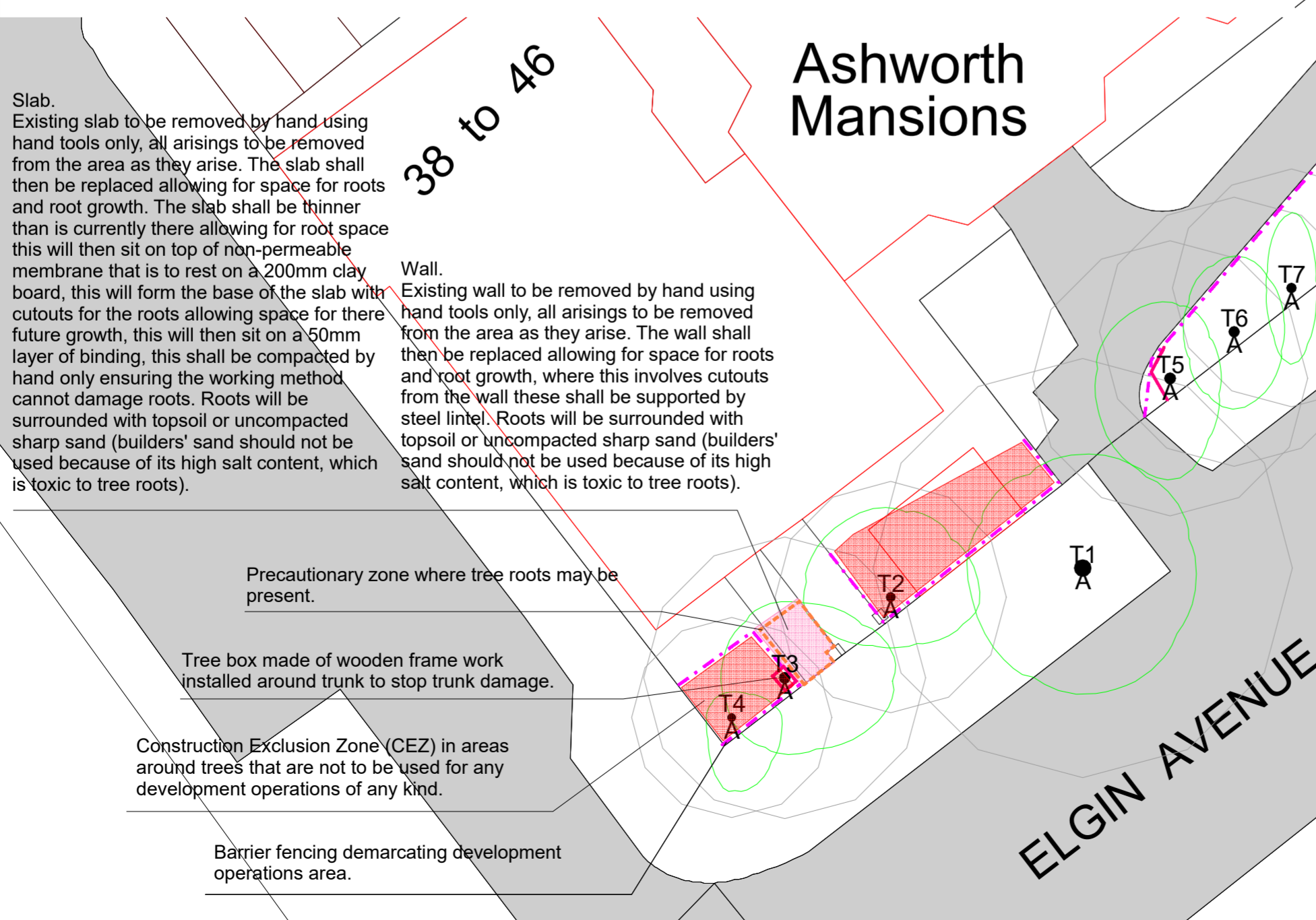
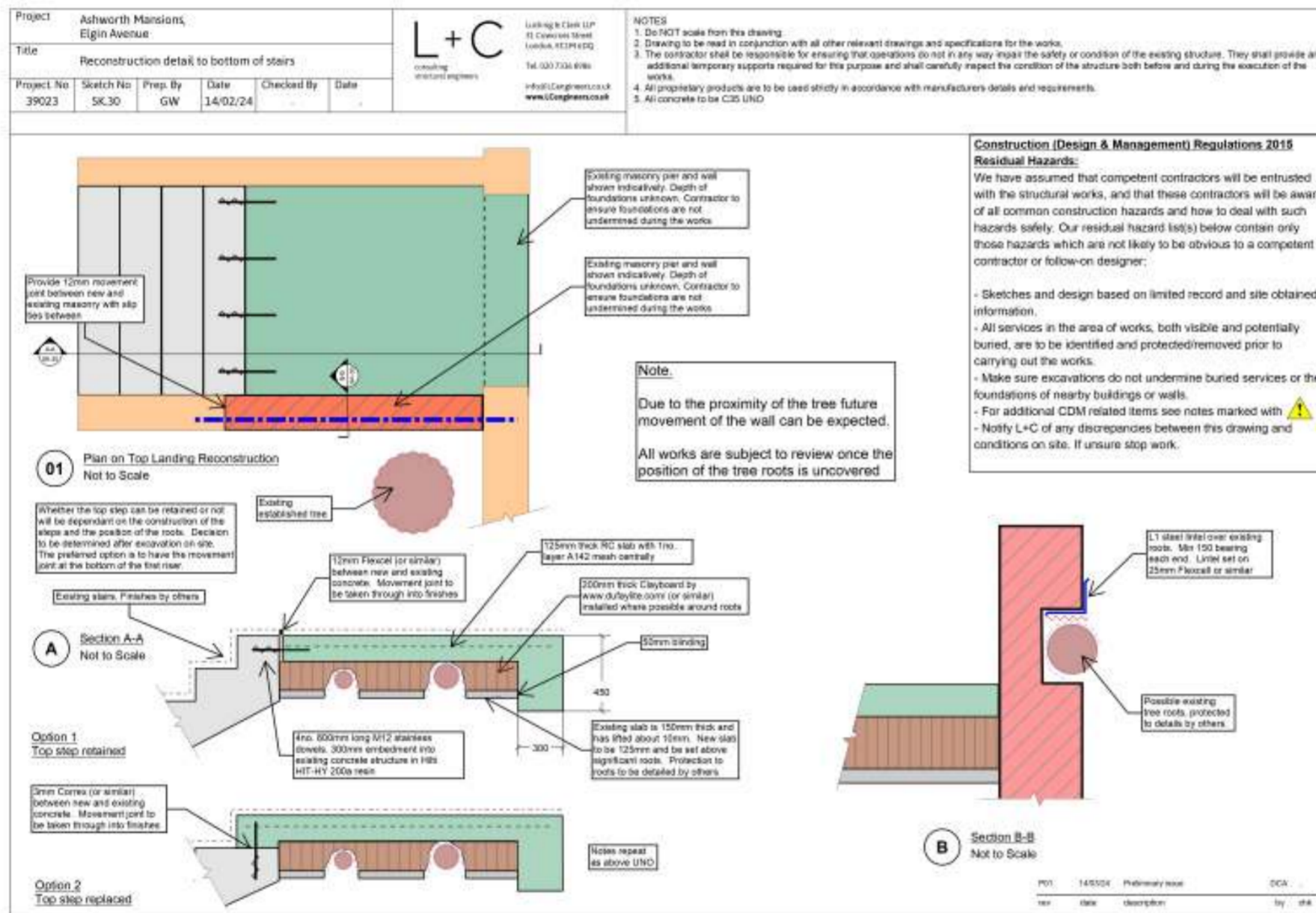
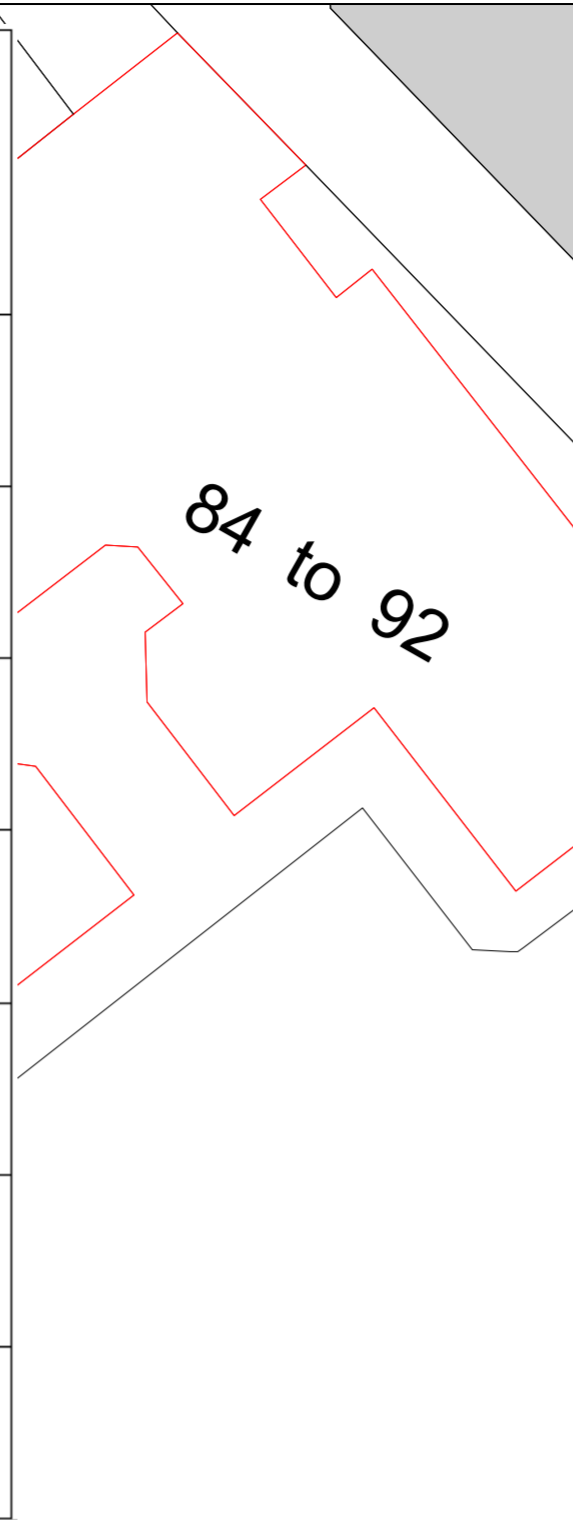
Back filling around exposed roots. Back filling of the area shall be undertaken in layers of 200mm with all roots being surrounded by topsoil or sharp sand (not builders sand) the soil shall not have mechanical compaction.

Protective Barrier Fencing shall consist of Heras fencing panels on feet that are pinned into the ground to stop them being moved, the fencing shall have warning sign on each panel.

Wooden Framework to Protect Trunks (Boxing)

The boxing shall be full sheet height (2.4m) and protects all sides of the tree built over a 2x4 frame, this shall be screwed together and have a protective layer inside formed of something compressible such as an insulation board or polystyrene. No part of this shall be in contact with or connected to the trees.

Tree Schedule			Height (m)	Stem(s) diameter (DBH)	Root Protection Area (m ²) / Circle Radius (m)
Tree ID	Common Name/ Latin Name	Category/ Subcategory			
T1	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	13	670	203.1/8.0
T2	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	10	370	61.9/4.4
T3	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	10	450	91.6/5.4
T4	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	8	320	46.3/3.8
T5	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	10	440	87.6/5.3
T6	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	10	430	83.7/5.2
T7	London Plane/ <i>Platanus × acerifolia</i>	A / 1,2	10	380	65.3/4.6



Slab.
Existing slab to be removed by hand using hand tools only, all arisings to be removed from the area as they arise. The slab shall then be replaced allowing for space for roots and root growth. The slab shall be thinner than is currently there allowing for root space this will then sit on top of non-permeable membrane that is to rest on a 200mm clay board, this will form the base of the slab with cutouts for the roots allowing space for their future growth, this will then sit on a 50mm layer of binding, this shall be compacted by hand only ensuring the working method cannot damage roots. Roots will be surrounded with topsoil or uncompacted sharp sand (builders' sand should not be used because of its high salt content, which is toxic to tree roots).

Wall.
Existing wall to be removed by hand using hand tools only, all arisings to be removed from the area as they arise. The wall shall then be replaced allowing for space for roots and root growth, where this involves cutouts from the wall these shall be supported by steel lintel. Roots will be surrounded with topsoil or uncompacted sharp sand (builders' sand should not be used because of its high salt content, which is toxic to tree roots).

Precautionary zone where tree roots may be present.

Tree box made of wooden frame work installed around trunk to stop trunk damage.

Construction Exclusion Zone (CEZ) in areas around trees that are not to be used for any development operations of any kind.

Barrier fencing demarcating development operations area.