

21 06 2022

Arboricultural Impact Assessment

Proposed development Gardeners Lane, Neath SA11 2AH

Introduction

The proposal is the construction of a dwelling on a plot adjacent to 17 Gardeners Lane, Neath. The construction impinges on <25% of the Root Protection Area (RPA) of an oak tree. See David Rice Forestry report and relevant plan of 26 05 2022

Impact on existing trees

The proposal impacts on the RPA of T1 Oak a Grade B specimen. The other grade B specimen is off site and is well away from any construction, T 2 and G1, off site, are Grade C and not affected by the proposal.

A main sewer passes through the RPA and has cut off most of the rooting to the north. A site excavation has established this situation The off site RPA to the east is intact.

Conclusion

The proposal will not adversely affect the retained trees provided that adequate protection is installed during construction and that suitable porous finish is employed for the parking bays

David Rice

21 06 2022

Arboricultural Method Statement

Proposed development at Gardeners Lane, Neath SASA11 2AH

Statement of purpose

The purpose of this method statement is to demonstrate how works will be undertaken on land at Gardeners Lane to avoid unacceptable arboricultural impact and provide adequate protection for those trees which are to be retained.

Introduction

On site and off site trees have been surveyed by David Rice Forestry 21 06 2022(see separate document and layout plan)

Protective fencing

Temporary fencing will be erected as shown on plan

The protective fencing will be 2m high Heras panels with the feet secured by steel ground anchor pins and struts at regular intervals as per attached example.

The protective fencing will be inspected at regular intervals and repaired where necessary

General site care

No fires will be lit on site within 10m of retained trees and shrubs

No vehicular access will be permitted within the protected areas

Ground levels will not be changed within the fenced off areas

No materials, equipment or debris will be stored within the protected areas

No chemicals, petrol, diesel or washings from cement mixers will be allowed to spill where they may contaminate the RPA of retained trees, hedges or shrubs.

Sequence of works

- 1 Arboriculturist to attend pre commencement site meeting with Site Manager
- 2 Erect temporary protective fencing as shown on drawing
- 3 Temporary fencing to be approved by the Local Planning Authority
- 4 Commence constructions of new dwellings
- 5 Take down fencing on completion of construction
- 6 Construct parking bays with either CellWeb TRP system or Envirotrak system finish.

Planning, communication and supervision

The site manager will brief all site personnel on the implications of the arboricultural method statement

The site manager will inspect the protective fencing at regular intervals and make good any defects

The site manager is to contact the Arboricultural consultant if in doubt about any tree matters and to report any accidental damage to trees at any time.

Contacts

Arboriculturist – David Rice -

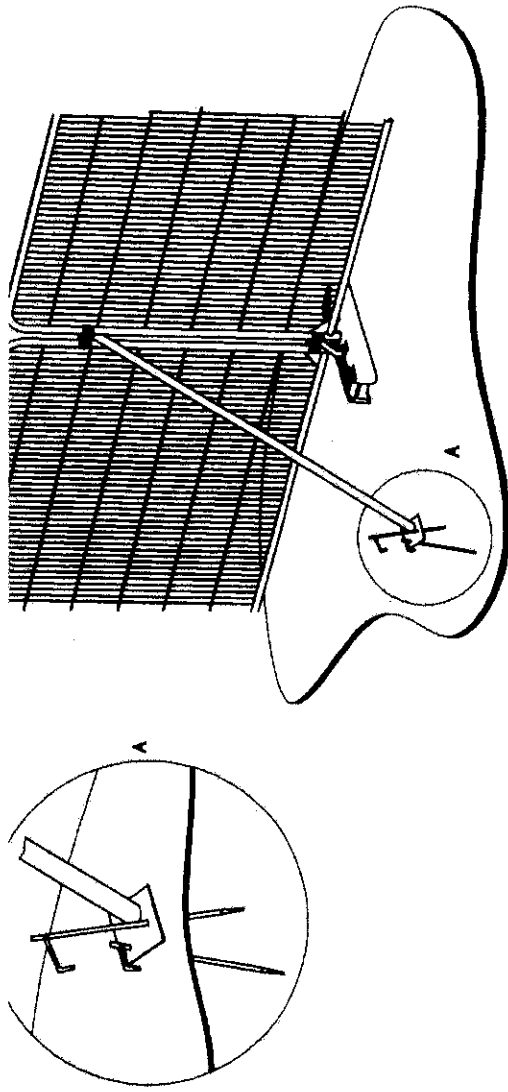
Local Authority Tree Officer –

Tree Survey - Building Plot, Gardeners Lane, Neath, SA11 2AH - 26 05 2022										
DAVID RICE FORESTRY Forestry Consultancy										
KEY Age --Y=Young, SM=Semi-mature, EM=Early mature, M=Mature,, OM=Over mature Ht = Height in metres Diam = Breast height diameter in centimeters Spd = Crown spread in metres Clear = Height of crown clearance Life = Life expectancy in years										
GRADE A=Trees of high quality >40 years life expectancy B= Trees of moderate quality >20 years life expectancy C= Trees of low quality >10 years life expectancy U= Trees of low quality <10 years life expectancy 1= Mainly arboricultural qualities 2= Mainly landscape qualities 3= Mainly cultural qualities including conservation U= No value. Remove/Fell										
Root protection area RPA radius=Radius in metres of root protection area as per BS5837:2012										
No	Species	Age	Ht m	Stem diam cm	Crown clear Ht/m	Spread m N E S W	Comments and Recommendations	Est life years	Grade	RPA radius m
1	Oak	M	16	53	0	6 4 5 5	Inv. Slight lean over site.2 trunks from 4m	>20	B	2
6.4										

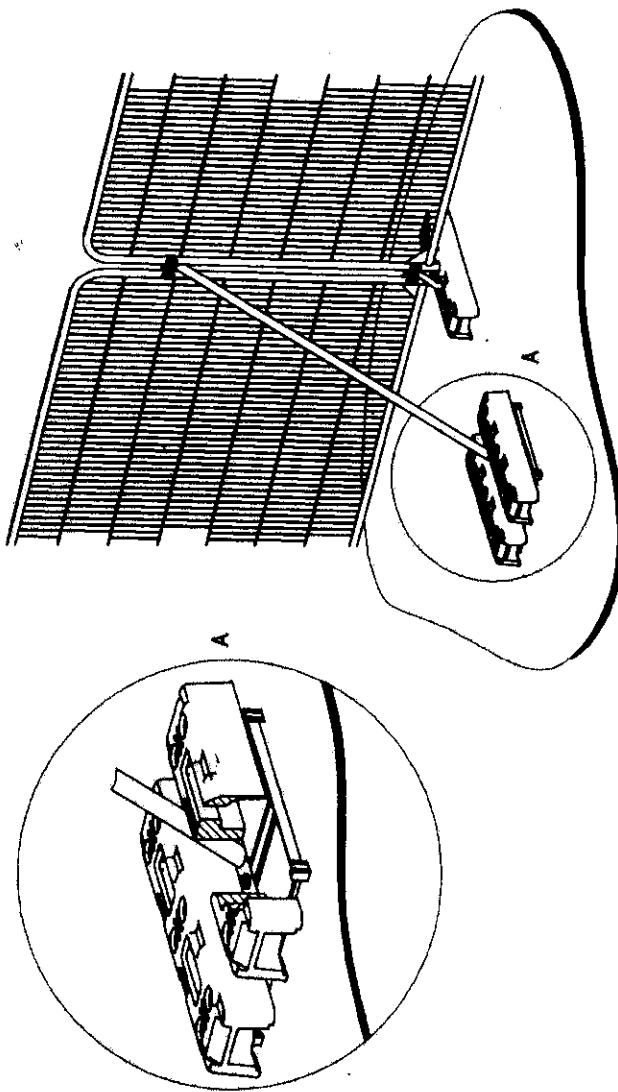
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26 05 2022

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a) Stabilizer strut with base plate secured with ground pins



b) Stabilizer strut mounted on block tray

6.2.3 Ground protection during demolition and construction

6.2.3.1 Where construction working space or temporary construction access is justified within the RPA, this should be facilitated by a set-back in the alignment of the tree protection barrier. In such areas, suitable existing hard surfacing that is not proposed for re-use as part of the finished design should be retained to act as temporary ground protection during construction, rather than being removed during demolition. The suitability of such surfacing for this purpose

