



**WOODSMAN**  
Arboricultural Consultancy

61a Tarkenton Place, Jesmond Newcastle upon Tyne, NE2 2JY  
0777 391474  
info@woodsmancarb.co.uk  
www.woodsmancarb.co.uk

Arboricultural Impact Assessment  
**Tree Protection Plan**  
Retained and Removed Trees Shown On Proposed Site Layout - With Protective Measures

**Keepers Cottage**  
For Mr Neil Nicholson

Drawing Number: TPP/KC/No 1  
Edited: Jim Richardson 17/01/2020  
Scale: 1:100 @ A1  
Revisions:  
Based on Original Plan: REV C 30 10 2019

**Key**

1. Tree Retention  
2. Tree Removal  
3. Tree Protection Area (RPA)  
4. Root Protection Area (RPA)  
5. Root Protection Zone (RPZ)  
6. Construction Exclusion Zone (CEZ)  
7. Construction Exclusion Zone (CEZ) - Keep out!  
8. Construction Exclusion Zone (CEZ) - Keep out!  
9. Construction Exclusion Zone (CEZ) - Keep out!  
10. Construction Exclusion Zone (CEZ) - Keep out!

**Protective Measures**

- No works access should be allowed into the construction exclusion zone during the development phase.
- No storage of any building materials or any other materials should be allowed within the construction Exclusion Zone.
- Once the exclusion zone has been protected by barriers and/or ground protection, construction work can commence. All weather notices should be erected on the barrier with words such as:  
"Construction exclusion zone - Keep out!"
- In addition the following should be addressed or avoided:  
A. Care should be taken when planning site operations to ensure that side or tail loads, or plant with booms, jibs and counterweights can operate without coming into contact with retained trees. Such contact can result in serious damage to them and might make their safe retention impossible. Transit or traverse of plant in close proximity to trees should be conducted under the supervision of a banksman to ensure that adequate clearance from trees is maintained at all times. In some circumstances it may be impossible to maintain adequate clearance thus necessitating access facilitation prying.  
B. Material which will contaminate the soil, e.g. concrete mixings, diesel oil and vehicle washings, should not be discharged within 10 m of the tree stem.  
C. Fires should not be lit in a position where their flames can extend to within 5 m of foliage, branches or trunk. This will depend on the size of the fire and the wind direction.  
D. Notice boards, telephone cables or other services should not be attached to any part of the tree.  
E. It is essential that allowance be made for the slope of the ground so that damaging materials such as concrete washings, mortar or diesel oil cannot run towards trees.

**Protective Barriers**

- Standard scaffold poles
- Uprights to be driven into the ground
- Planks secured to uprights with wire ties and where necessary standard scaffold clamps
- Wire mesh fixed to the uprights and horizontals
- Standard clamps
- Wire mesh fixed and secured on inside face of fencing to avoid easy dismantling
- Ground kept
- Approx. 0.6 m driven into the ground

**Temporary Ground Protection Layers Example**

**Erection of Scaffolding Within Root Protection Areas**