

Example of Tree Protection Box Frame

Designed to provide immediate protection from impacts and damage to the trunk and root crown.



Specification:

Uprights x 4, min. 100 X 100 treated wood

Batons top, middle and base min. 25mm x 75mm

45° angled batons to and base for rigidity 25mm x 75mm

Fix 12mm OSB sheeting to framework

Affix 'Tree Protection' signage.

Fig. 1 Ground protection – hoarding over sharp sand and wood chip



Installing heavy-duty OSB boarding over a depth (min. 50mm) of sharp sand and/or wood chip between the tree protection fencing and the foundation line of new development is effective in protecting roots, which grow in the soil beyond the position of the fencing.

Fig.2 Side-butting scaffold boards and covered and fixed with 20mm OSB boarding



Ground Protection using heavy-duty ground plates.



(Courtesy of Eve
Trackway UK –
Tel: 08700
767676)

Robust aluminum,
interlocking plates
deflect heavy
loads and prevent
soil compaction
beneath.

Effective use of X Trackpanel for site
access.

Suitable for

- Heavy Duty Roadway
- Medium Duty Roadway
- Light Duty Roadway
- Walkway
- Eve Install

Specification

- Width: 3m
- Length: 2.5m
- Height: 50mm
- Weight: 254kg

1. Lay min. 75m depth of sharp sand/wood chip over identified ground area
2. Lay 15mm aluminium road plates over sand/wood chip
3. Fix ground protection cover into place with road pins or similar
4. Erect protection fence as per BS grade.
5. Monitor condition and efficacy and maintain as appropriate.
6. Remove ground protection upon completion/landscaping only.



Example of a suspended work platform -
ground/root protection.



Note:
Effective for confined
work areas

Do not drive scaffold
poles through roots

ACS (Trees)

CONSULTING
Tree Management Consultants

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15-17 West Street
Reigate
Surrey
RH2 9BL

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Work platform

Scaffold poles
supporting work platform
of OSB boarding

scaffold clamp

Root zone

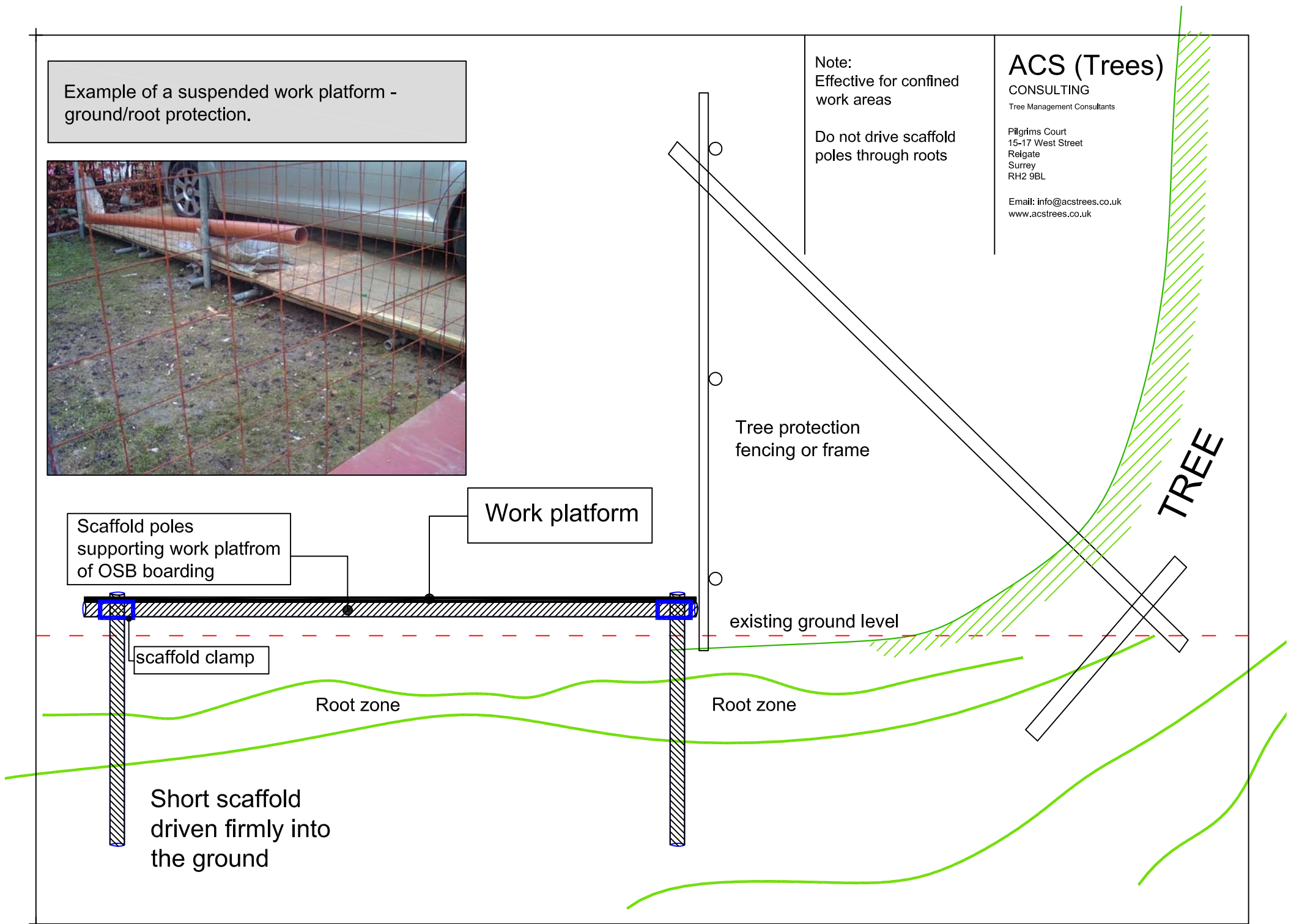
Short scaffold
driven firmly into
the ground

Tree protection
fencing or frame

existing ground level

Root zone

TREE



APPENDIX 4

Arboricultural Site Supervision

Site: Project Site Address/Name
Inspected By: Arboricultural Supervisor (AS)
Client: Client
Site Agent: Site Agent's Name (SA)

Date of Inspection: 24/02/2017
Time of Inspection: 8:15:00

Tree Protective Fencing

Tree protection in correct location

Comments/Action

Ground protection - temporary concrete and existing paving

Agreed Construction Exclusion Zone

No debris within construction exclusion zone

Comments/Action



Robust hoarding and temporary concrete ground protection

Amendments to Documentation Required

No amendments required

Comments/Action



Tree protection Hoarding and ground protection over sharp sand.

Remedial Works

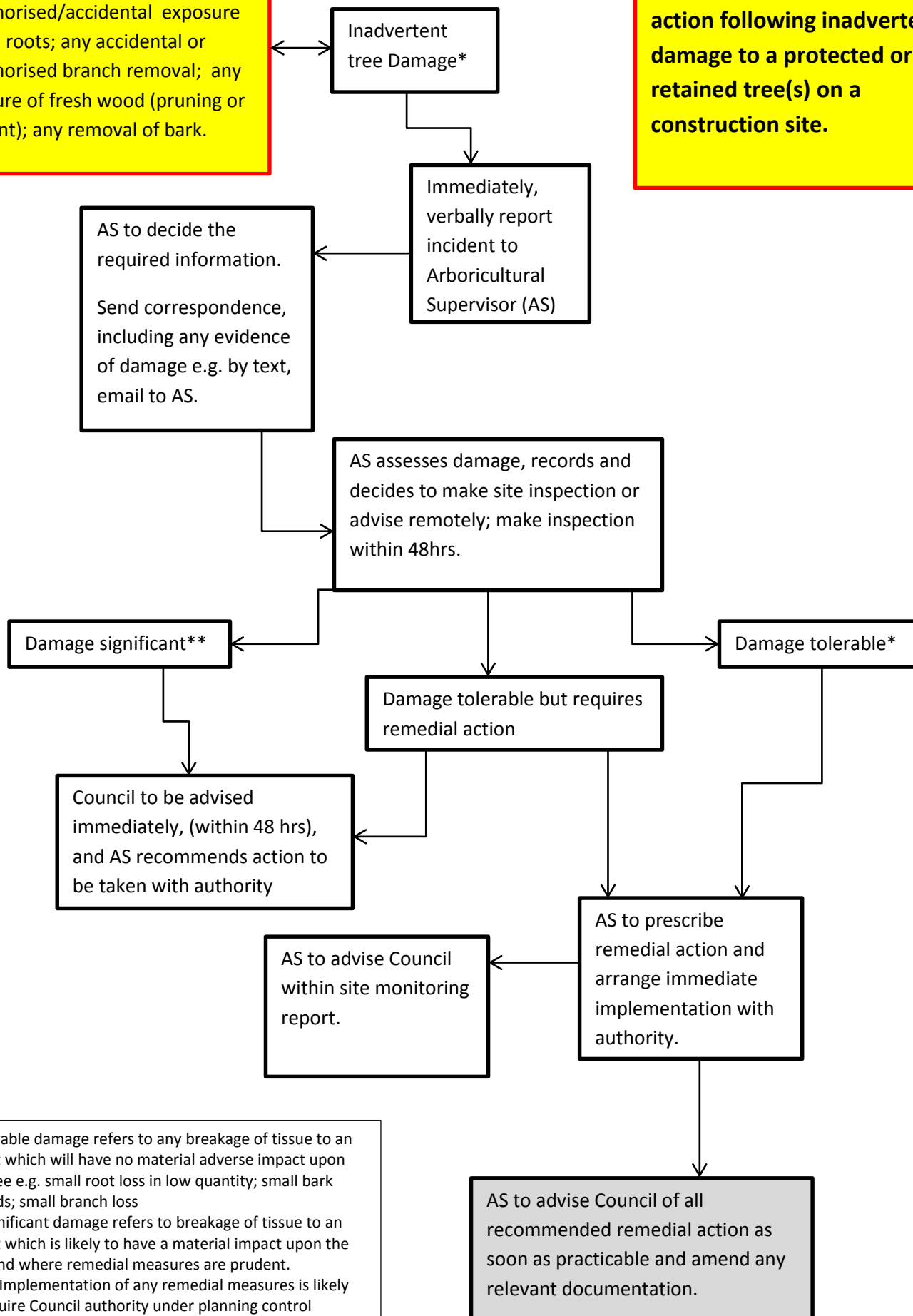
General Comments

1. Tree protection in position and effective
2. Position of site huts used as tree protection for T7 and T10
3. Temporary concrete used for ground protection for T10
4. Hoarding style tree and ground protection effective and in position

Next Inspection April 2017

***Tree Damage is defined as:** any unauthorised/accidental exposure of tree roots; any accidental or unauthorised branch removal; any exposure of fresh wood (pruning or accident); any removal of bark.

Procedure for reporting and action following inadvertent damage to a protected or retained tree(s) on a construction site.



*Tolerable damage refers to any breakage of tissue to an extent which will have no material adverse impact upon the tree e.g. small root loss in low quantity; small bark wounds; small branch loss

** Significant damage refers to breakage of tissue to an extent which is likely to have a material impact upon the tree and where remedial measures are prudent.
Note: Implementation of any remedial measures is likely to require Council authority under planning control legislation, in advance.