

Tree Protective Barrier Fencing

1. Protective barriers must be erected prior to any site operations. The protective barriers are essential to prevent root severance or compaction of the soil in the Root Protection Areas, and so give the best chance of continued good health of the retained trees.
2. Tree protective barriers are to comprise a vertical and horizontal scaffold framework which is braced to withstand impacts, and not easily moved or relocated by site operatives (to prevent opportunistic moving of the barrier fences). The vertical tubes should be spaced at intervals of no more than 3m and driven securely into the ground. Onto this framework welded mesh panels should be securely fixed (such as Heras). The fencing is to be placed accurately as shown within the Tree Protection Plan
3. Care must be taken when locating vertical poles to avoid underground services and, in the case of bracing poles, also to avoid contact with structural roots. If the presence of underground services prevents the use of driven poles, an alternative specification should be prepared; such alternatives could include the attachment of the panels to a free standing scaffold support framework.
4. The default specification should consist of a vertical and horizontal scaffold framework, well braced to resist impacts, as illustrated in Figure 1 (see below)
5. All-weather notices should be attached to the fencing
6. Final on-site measurements should be taken to ascertain the extent of any incursions into the RPAs of the retained trees and to provide guidance on the extent of the tree protection measures.
7. It is recommended that a Project Arboriculturist is appointed prior to the commencement of any works and retained for the duration of the project.
8. The appointed person should be consulted in the event that additional ground protection measures are considered necessary, root pruning is required or incursions into the RPAs are considered necessary.
9. All plant and vehicles engaged in ground works should either operate outside the RPA, or run on ground protection
10. Soil compaction should be avoided around existing vegetation, including trees, and in areas where new planting or seeding is proposed.
11. All plant and vehicles engaged in construction activity should either operate outside the RPAS, or run on ground protection
12. Provision should be made for welfare facilities, the site office, contractor parking, storage for materials, plant and spoil and space for mixing outside of the RPAs of retained trees.
13. Upon completion of the project, advice of the project Arboriculturist should be sought in coordination of the removal of the protective fencing and ground protection if necessary, to survey the retained trees for signs or symptoms of damage and/or stress that the construction might have had.
14. The protective fencing and ground protection measures should remain in situ until its use is considered unnecessary and any risk of damage to the retained trees and/or their respective RPAs e.g. soil compaction from vehicular plant or machinery, has passed.

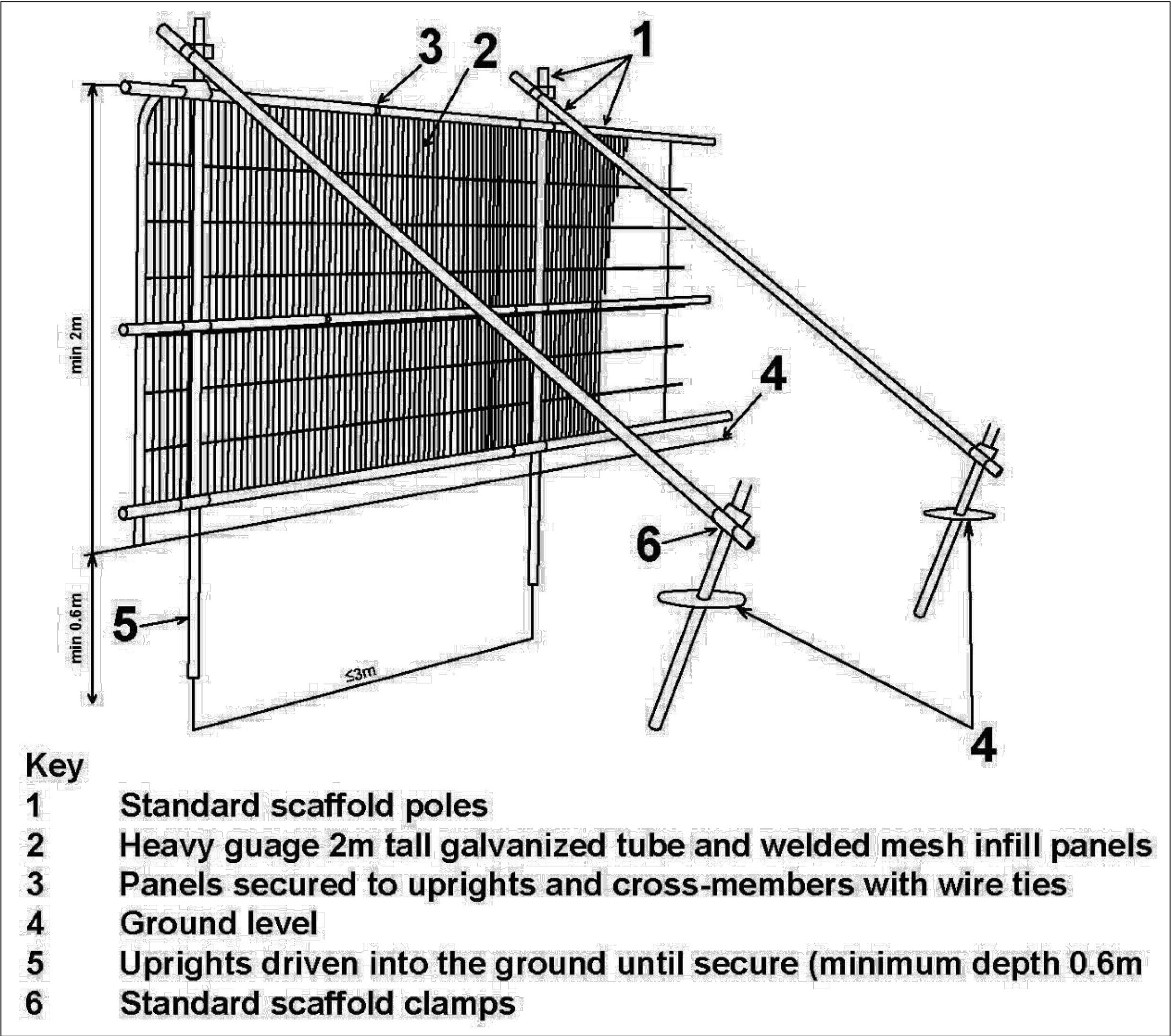


Figure 1 Default specification for protective barrier © British Standards Institute

PRELIMINARY

NOTE
Do not scale from this drawing. All dimensions and levels must be checked and verified on site by contractor, specialist, manufacturer prior to commencement of work and discrepancies must be reported to Architecture and Design Practice Ltd in writing before proceeding.

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Client is responsible for all aspects relating to the Party Wall etc. Act 1996.

Contractor is responsible for all aspects relating to CDM Regulations.

Works should not commence before a 'Building Control' approval is received. Client bears full responsibility for alterations due to commencement of works prior to approval. This drawing is intended to illustrate the proposal only and cannot be used for construction purposes without further information.

REF	REVISION	DATE
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DRAWING TITLE
TREE PROTECTION
DETAIL

SCALE
NTS

DATE
FEB '22

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