

RPZs to be confirmed by arboriculturalist

BRIDGE ROAD

Existing car park retained

Existing container

Existing Music Store

Existing Hall

Existing School

Existing Gym

PROPOSED BUILDING

Existing Gym

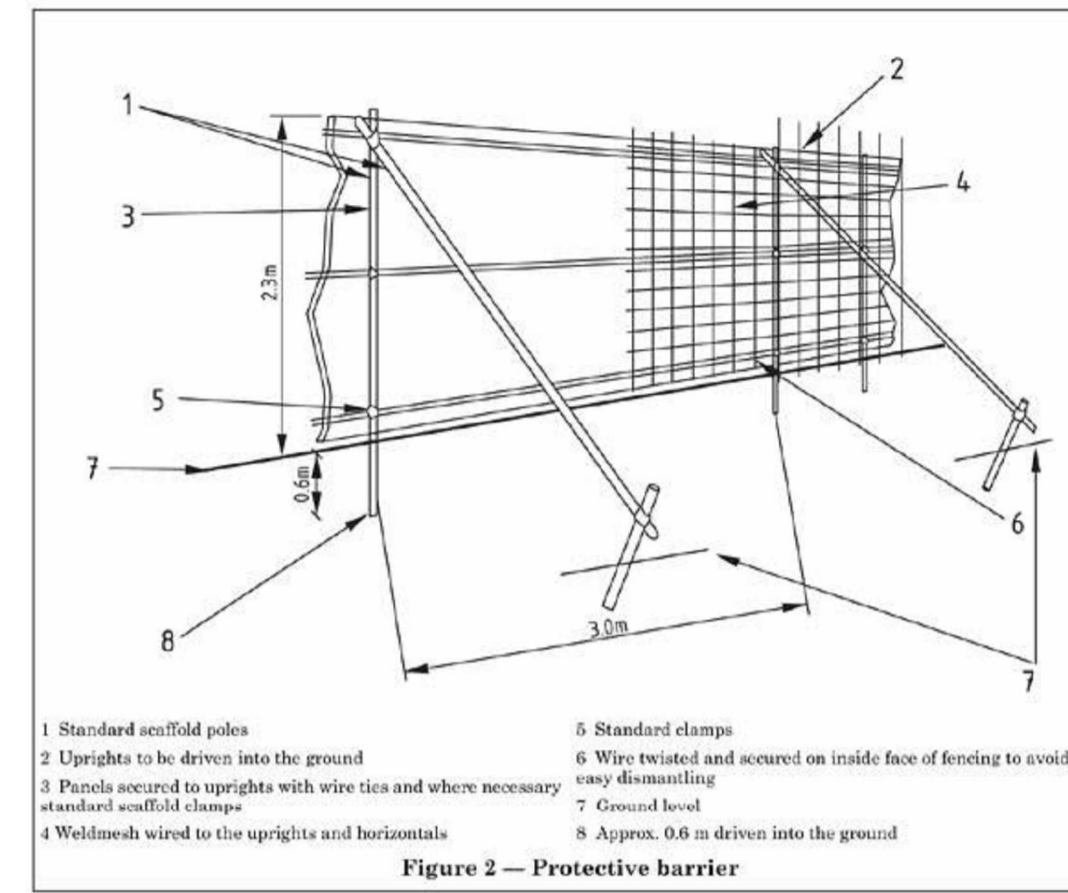
CAFE

2G Pitch (e.g. 5-a-side football 35x20m) Requirement to be confirmed

Existing Sport Pitches

Area of construction within the RPA, to be hand dug and the finished surfacing to either be soft landscape or permeable hard landscaping.

Location of new access steps has been advised by the project Arboriculturalist, based on limiting damage to mature trees. Refer to the Tree Survey Report produced by Artech for details.



Tree Protective Barrier and Notes
1:25

NOTES:

- Drawing to be read in conjunction with Arboricultural Survey
- All tree works are to comply with the recommendations of this document and are to be carried out by a suitably qualified arboriculturalist.
- All works are to be carried out in accordance with guidance from BS 5837:2012 Trees in relation to design, demolition and construction and BS 3998:2010 Recommendations for Tree Work.

1. The root protection area is the area (m²) surrounding a tree which contains sufficient rooting volume to ensure the survival of the tree.

- Excavation in protected area - Refer: BS 3998: Recommendations for tree work
- Method: By hand or approved mechanical machinery (ie spade) under arboricultural supervision
 - Backfill as soon as possible or temporarily line with polyethylene sheet to reduce evaporation.
 - Outside protected area: Give notice of roots exceeding 25 mm and do not cut without approval from Arboricultural Consultant.

- Cutting:
- Make clean smooth cuts with no ragged edges.
 - Pare cut surfaces smooth with a sharp knife.
 - Treatment of cut roots: To Arboricultural Consultants recommendations

Backfill: As dug material. Copious watering may alleviate further stress and reduce further root dieback due to desiccation. (Refer to BS 3998: Recommendations for tree work)

2. Care must be taken to protect the existing trees to be retained (As listed in the Arboricultural survey), to a level which ensures the trees, shape, form and healthy survival.

- Precautions required to be taken during the demolition and construction stage of works should be in accordance with BS 5837 2012: Trees in relation to design, demolition and construction, including:
- Prevention of physical damage to roots by soil compaction or severing
 - Provisions for water and oxygen to roots systems
 - Allowing for future growth to the root systems
 - Preservation of the soil structure around root system at suitable bulk density for root function. (Refer: BS 5837 :2012 Trees in relation to design, demolition and construction)

3. Removal of trees: To standard of BS 3998

- Identification: Clearly mark trees to be removed, with spray paint marker and tag on trunk. Guides.
- Safety: Comply with HSE/ Arboriculture and Forestry Advisory Group Safety
- Felling: As close to the ground as possible. All work to be undertaken by a qualified tree surgeon.
- Stumps: Remove to a minimum depth of 450 mm below ground level or to a level set by the Structural Engineer in the specification, whatever the greater.
- Work near retained trees: Take down trees carefully in small sections to avoid damage to adjacent trees that are to be retained, where tree canopies overlap and in confined spaces generally.

Removing small trees, shrubs, hedges and roots: To standard of BS 3998

- Identification: Clearly mark trees to be removed, with spray paint marker and tag on trunk.
- Small trees, shrubs and hedges: Cut down
- Roots: Grub up and dispose of without undue disturbance of soil and adjacent areas
- Safety: Comply with HSE/ Arboriculture and Forestry Advisory Group Safety Guides.

4. Should a tree be damaged or destroyed, the contractor will be liable for any Local Authority penalties and may need to replace the tree either with a healthy, semi-mature tree of an identical type /species, as defined by the National Plant Specification, or whatever age/ type of tree is specified by the Local Authority, whichever is the more onerous.

5. No construction works to be commenced in proximity of existing retained trees until a full method statement describing all actions to be taken for each individual tree is submitted by the contractor and agreed in writing by an approved Arboriculturalist.

LEGEND

Site Boundary

Existing trees to be retained
RPA in orange

Existing tree to be removed as part of development.
Tree no. T1 and T2 - Refer to Arboricultural Report by ArbTS Ltd for details.

Existing Planting retained

Proposed trees

All new tree planting to take on board recommendations from the Soil Resource Survey produced by Tim O Hard Associates. An appropriate imported free-draining topsoil and subsoil is recommended to be used to backfill tree pits. Mounding around trees is recommended to avoid sumps for surface water drainage.

S4	P36	01/11/23	Update to PAC
S4	P32	28/09/23	Updates to landscape design following client meeting/feedback
S4	P29	22/09/23	STAGE 3 ISSUE

STATUS	REV	DATE	DESCRIPTION	REVISED BY
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CLIENT
AECOM

CMS

CHECKED BY
CS

ORIGINATOR NO
155452

CONSULTANT

STRIDE TREGLOWN

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PROJECT

Ysgol Glantaf SRB

Bridge Road, Cardiff CF14 2JL

DRAWING TITLE

Landscape Tree Protection Removal
Retention Plan

STATUS CODE SCALE

S4 : Suitable for stage approval As indicated@A1

DRAWING USAGE:

PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - CLASS - NUMBER STATUS_ REVISION

GSRB-STL-XX-XX-DR-L-09101 S4_P36