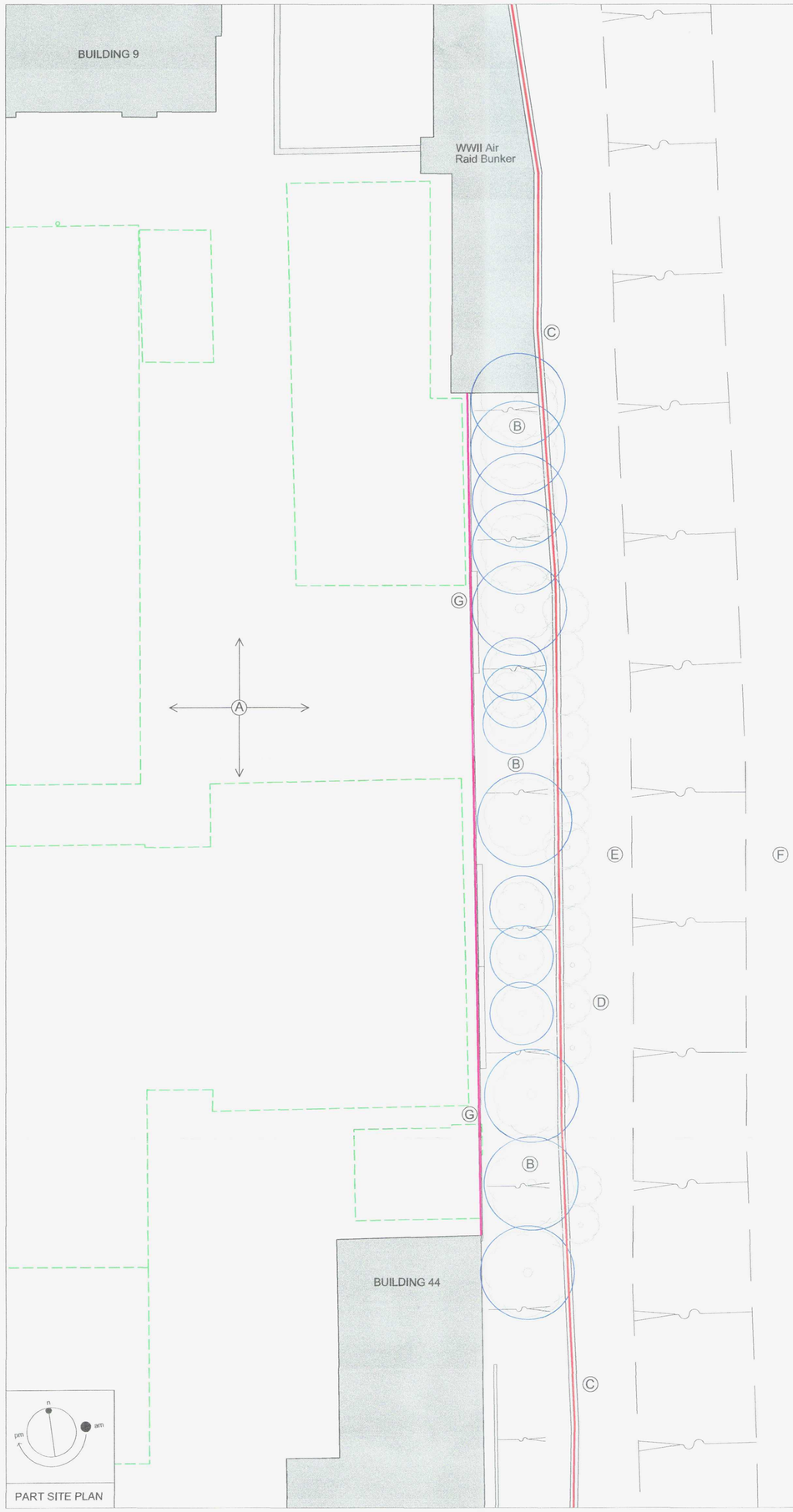


NOTES / LEGEND:

- Previously existing buildings already demolished.
- Site boundary.
- Root protection zones to existing trees / landscape planting.
- Extent / location of Tree Protection Fencing as detailed below.

A Development site laid to concrete hard standing.

B Banking with tree planting as indicated.

C Site boundary defined by 1.2m high (approx.) flood defence wall with electric security fencing above.

D Landscape / shrub planting beyond site boundary.

E Footpath beyond site boundary.

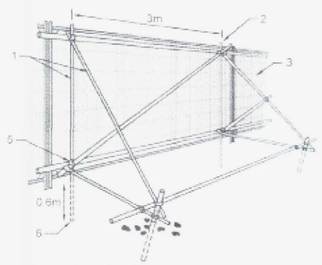
F River Adur.

G Proposed Tree Protection Fencing as details below. Tree protection fencing to be installed along line of bottom of existing banking; this is inboard of the tree canopies.



Photo showing existing planting to boundary.
Photo taken from within development site looking East towards site boundary.

Tree Protection Fencing



1. Standard scaffold poles.
2. Uprights to be driven into the ground.
3. Heras fencing panels secured to uprights and horizontals with wire ties and where necessary standard scaffold clamps. Wire twisted and secured on inside face of fencing to avoid easy dismantling.
5. Standard clamps.
6. Approx. 0.6 m driven into the ground.





Tree Protection Fencing in accordance with BS5837:2012.
Extent / location as indicated on plan shown left.

ARBORICULTURAL STATEMENT

1) GENERAL

- This is an Arboricultural Method Statement (AMS) highlighting the issues that will be considered prior to and during the proposed development of the VERC Building at Shoreham Technical Centre for Ricardo UK.

- This statement sets out the basis of the methodology for all proposed works in relation to retained trees and their Root Protection Areas (RPA's).

- Copies of the Arboricultural Method Statement will be available for inspection on site and will form the basis of the management of all works relating to the trees on the site for the Site Agent/Manager following commencement of the project.

2) LEGISLATION AND GUIDANCE

- BS 5837:2012 Trees in Relation to Construction – Recommendations.

3) SCHEDULE OF PLANTING

- The tree planting as indicated on the submitted plan (see left) comprises Maple and Hawthorn to a maximum height of 5m.

- The stem diameter of the tree's generally measure 75mm to 100mm, with some of the larger specimens having a diameter up to 150mm. All stem diameters are recorded at 1.5m above ground level.

- Table D.1 of BS 5837:2012 defines maximum root protection areas of up to 1.8m radius for tree's with stem sizes of 150mm. All root protection areas plotted on tech plan (see left) reflect tech stem sizes as recorded.

4) CONSTRUCTION EXCLUSION ZONE

- The Construction Exclusion Zone (CEZ) as defined by the current edition (2012) BS 5837 *Trees In Relation To* Construction, is defined by the calculated root protection areas (based on the stem diameter of each tree when measured at a height of 1.5m from ground level). The CEZ's are to be afforded protection at all times and will be protected by fencing as detailed below / above. No works will be undertaken within any CEZ under the proposed works.

5) TREE PROTECTION FENCING

- Before the commencement of any construction works on site, protective barriers will be erected in the position shown on the plan (See left).
*It should be noted that the existing boundary wall / fence affords adequate protection to the planting beyond the site boundary.

- The protective fencing must be considered as 'sacrosanct 'and may only be removed following completion of all construction works.

- The tree protection must be sited in accordance with the plan (see left) and as per figure 2 in BS5837:2012 and be fit for the purpose of excluding any construction activity. (See drawing above).

- Other than works detailed within this method statement or approved in writing by the Local Planning Authority, no works (including the storage or dumping of materials, or the storage or operation of machinery or plant) shall take place within the Construction Exclusion Zone defined by the protective fencing.

- The Tree Protection Fencing will have signs attached to it stating that this is a Construction Exclusion Zone and that NO WORKS are permitted within the fence line; see drawing above.

- The Tree Protection Fencing will be erected prior to commencement of construction works on site.

6) CONSTRUCTION WORKS WITHIN ROOT PROTECTION AREAS

- No works are to take place within root protection areas or within the Construction Exclusion Zone as defibed by the Tree Protection Fencing.

7) GENERAL PRECAUTIONS

- No materials that are likely to have an adverse effect on tree health will be stored or discharged within the defined RPA or a minimum of 8 metres of the trunk of a tree that is to be retained. Such materials include:
* Oil
* Diesel/petrol
* Vehicle washings
* Concrete mixing's

- No fires should be lit in a position where their flames can extend within 5m of foliage, trunk or branches.

- Concrete mixing should not take place within 10 metres of the trunk of any tree.

- Notice boards, telephone cables or other services should not be attached to any part of the tree.

8) CONTINGENCY PLANS

- In the event of unforeseen incidents occurring, that may adversely affect or threaten the welfare or security of the trees, the resident Site Agent/Manager shall inform the appointed Architect at the earliest opportunity and not more than one working day following the incident.

- The Architect will visit the site to inspect and assess the circumstances and make any appropriate recommendations which shall be agreed with the client's supervising officer. The Local Planning Authority Tree Officer shall be informed by the Architect of any proposed changes to the approved scheme and any necessary approvals obtained , initially verbally, and then in writing.

- A record of any emergency incidents and works shall be maintained by the contractor's site agent.

- Incidents which may merit such contingency plans include:
* Accidental / unauthorised damage to the limbs, roots or trunks of trees.
* The spillage of chemicals within or adjacent to a Root Protection Area.
* The discharge of toxins / waste within or adjacent to a Root Protection Area.
* The unscheduled breaching of a tree protective barrier or Works Exclusion Zone.

Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported before proceeding. This drawing is copyright. ©

Issue	Date	Drawn	Checked
P1	18.06.13	JB	SL

First issue; Issued for Discharge of Planning Condition.
Revision notes

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Client
Horiba

Project
Project VERC for Ricardo UK

Drawing Title
Arboricultural Statement and Tree Protection Drawing

Project No.	part	type	level	(group)	no.	Issue
288103	P	Site	-	-	15	P1

Scale
1:100 @ A1 / 1:200@A3

Status
Planning

0 5m