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- Land In Ownership of L&G
- Site Boundary
- Allocated Porthkerry Park Extension Boundary
- B1 (Office)
- B1/B8
- B2/B8
- B8
- Existing Road Network
- Proposed Spine Road Corridor (setting of spine road shown in a corridor to allow flexibility for final alignment)
- Access Roads
- Existing PROW
- Existing Cycle Route
- Proposed Link to Cycle Route
- Proposed Pedestrian Link
- Proposed Native Woodland Planting
- Existing Tree Belts / Existing hedgerows
- Landscape Buffer/Open Space
- Combined Ecology and Drainage Corridors
- SUDS Attenuation Areas/Swales

Rev	Description	Date	Initial	Checked



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Client **Legal and General (Strategic Land) Ltd**

Project **Parc Busnes Porth Cymru**

Title **Indicative Concept Masterplan**

Status DRAFT	Drawn By AW/PO	PM/Checked by HD/DP
Job Ref JCD0064	Scale @ A2 1:5000	Date Created MAY 2018
Drawing Number JCD0064-003	Rev N	

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Appendix F

Tree Protection Barriers & Construction Exclusion Zone (CEZ) sign

Protective Fencing Specifications

Since trees are living organisms which interact with their immediate environment any changes made to their surroundings may have a bearing on that trees future. Developing a site will undoubtedly place any trees within close proximity under some level of stress, which could predispose them to infection.

The most effective way of offering protection is by erecting protective barriers set at a distance from the tree stem using the methods given within BS 5837: 2012 Trees in Relation to Construction. Barriers should be braced and constructed to resist impacts; see figures below for barrier specifications.

Barriers should be erected before any works commence on site with the exception of recommended tree work. Areas of retained and future structure planting should be similarly protected.

All personnel should be made aware of the protected areas and instructed to keep them free of materials, waste and excess soil. Soil disturbance should be prohibited and travel of any kind, including foot traffic should also be excluded within the root protection area (RPA) unless previously agreed and adequate ground protection is present (i.e. retained hard surfacing)

Suggested Barrier Specification (as per BS5837: 2012)

Figure 2 Default specification for protective barrier

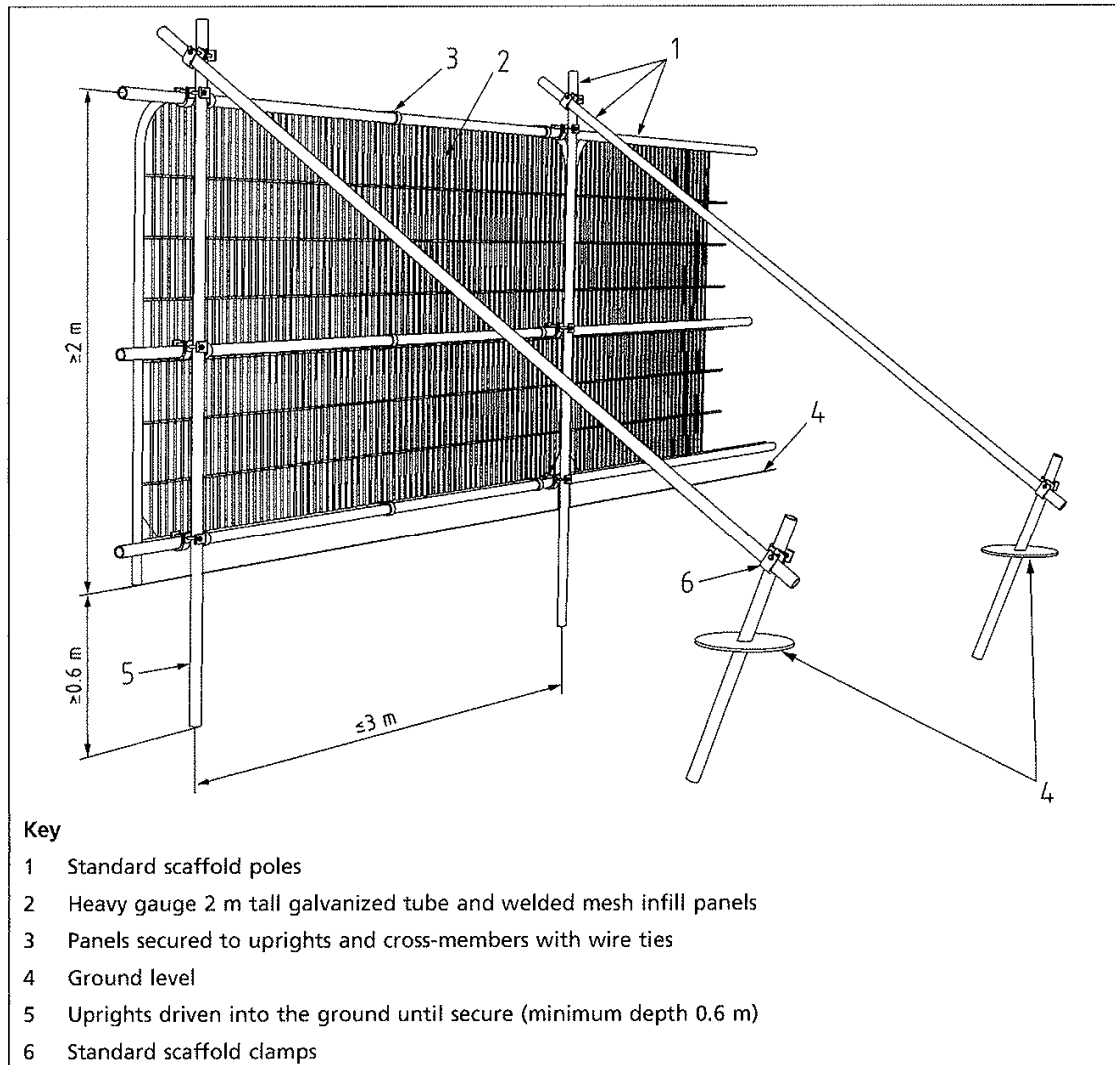
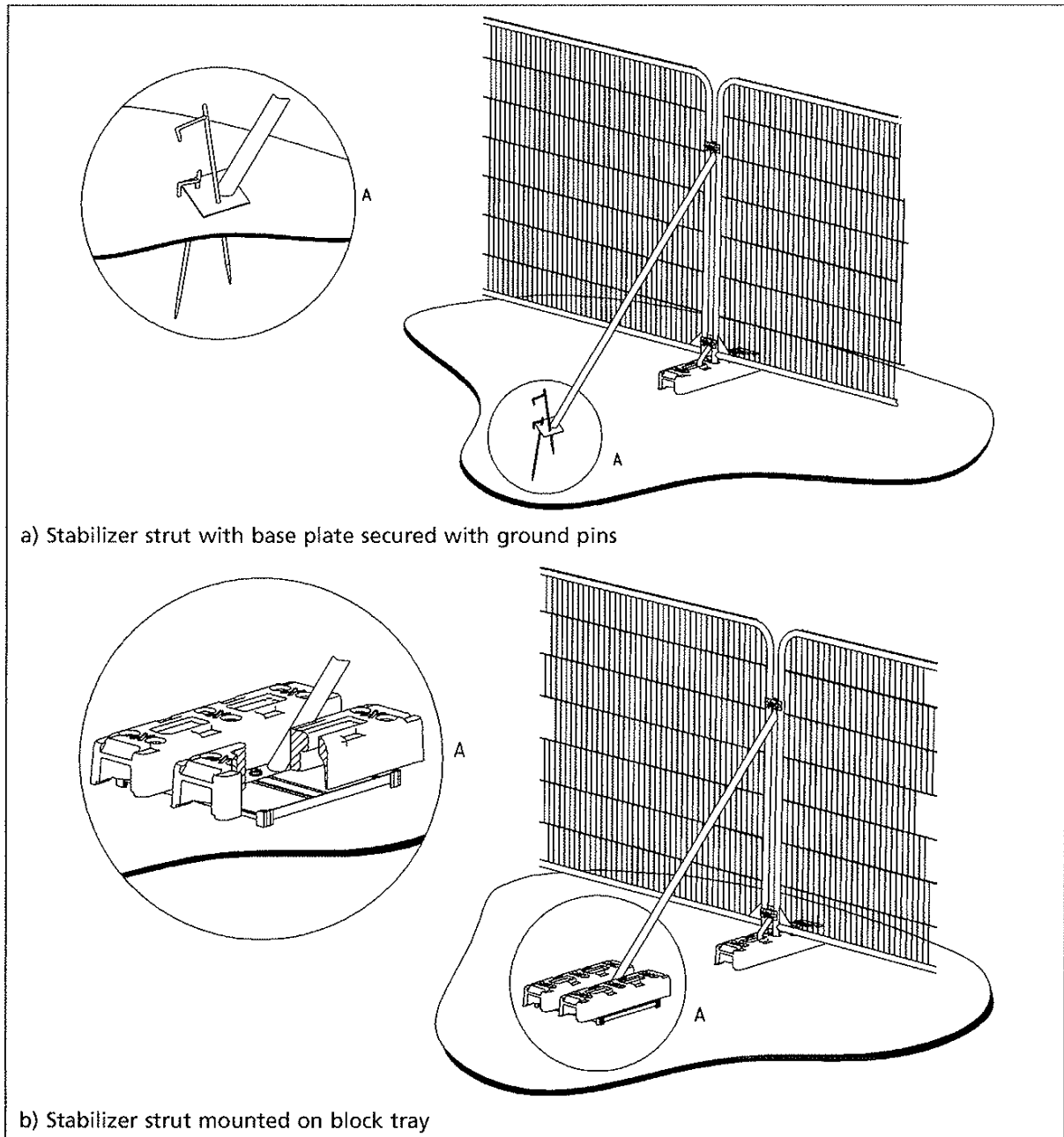


Figure 3 Examples of above-ground stabilizing systems





**PROTECTIVE FENCING. THIS
FENCING MUST BE
MAINTAINED IN ACCORDANCE
WITH THE APPROVED PLANS
AND DRAWINGS FOR THIS
DEVELOPMENT.**



**TREE PROTECTION AREA
KEEP OUT !**

**(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY
PLANNING CONDITIONS AND/OR ARE THE SUBJECTS OF A
TREE PRESERVATION ORDER.
CONTRAVENTION OF A TREE PRESERVATION ORDER MAY
LEAD TO CRIMINAL PROSECUTION**

**ANY INCURSION INTO THE PROTECTED AREA MUST BE
WITH THE WRITTEN PERMISSION OF THE LOCAL
PLANNING AUTHORITY**

REFERENCES

- BS5837:2012. Trees in relation to design, demolition and construction – Recommendations. British Standards Publication
- Ash Dieback Action Plan Toolkit, 2019, The Tree Council - <https://www.treecouncil.org.uk/Portals/0/Chalara%20docs/The%20Tree%20Council%20Ash%20Dieback%20Action%20Plan%20Toolkit%20FINAL.pdf>
- Conservation Areas in the Vale of Glamorgan - https://www.valeofglamorgan.gov.uk/Documents/Living/Planning/Conservation/Conservation%20Areas%20Maps/Vale_Conservation_Areas_Map.pdf
- Prevent Japanese knotweed from spreading, Government Guidance - <https://www.gov.uk/guidance/prevent-japanese-knotweed-from-spreading>