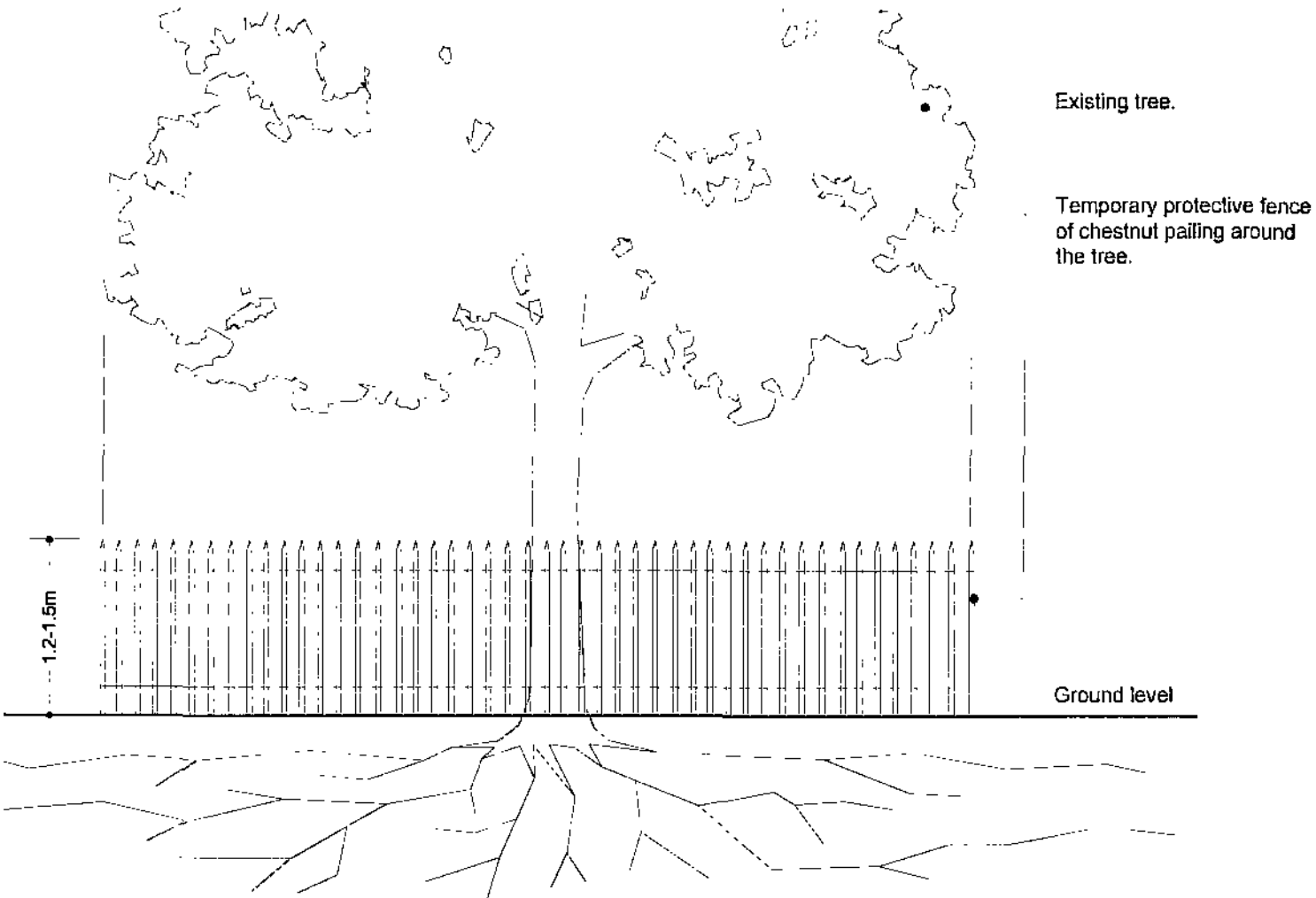


Tree Protection Plan

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SPECIFICATION (1.2m high Chestnut Pale)

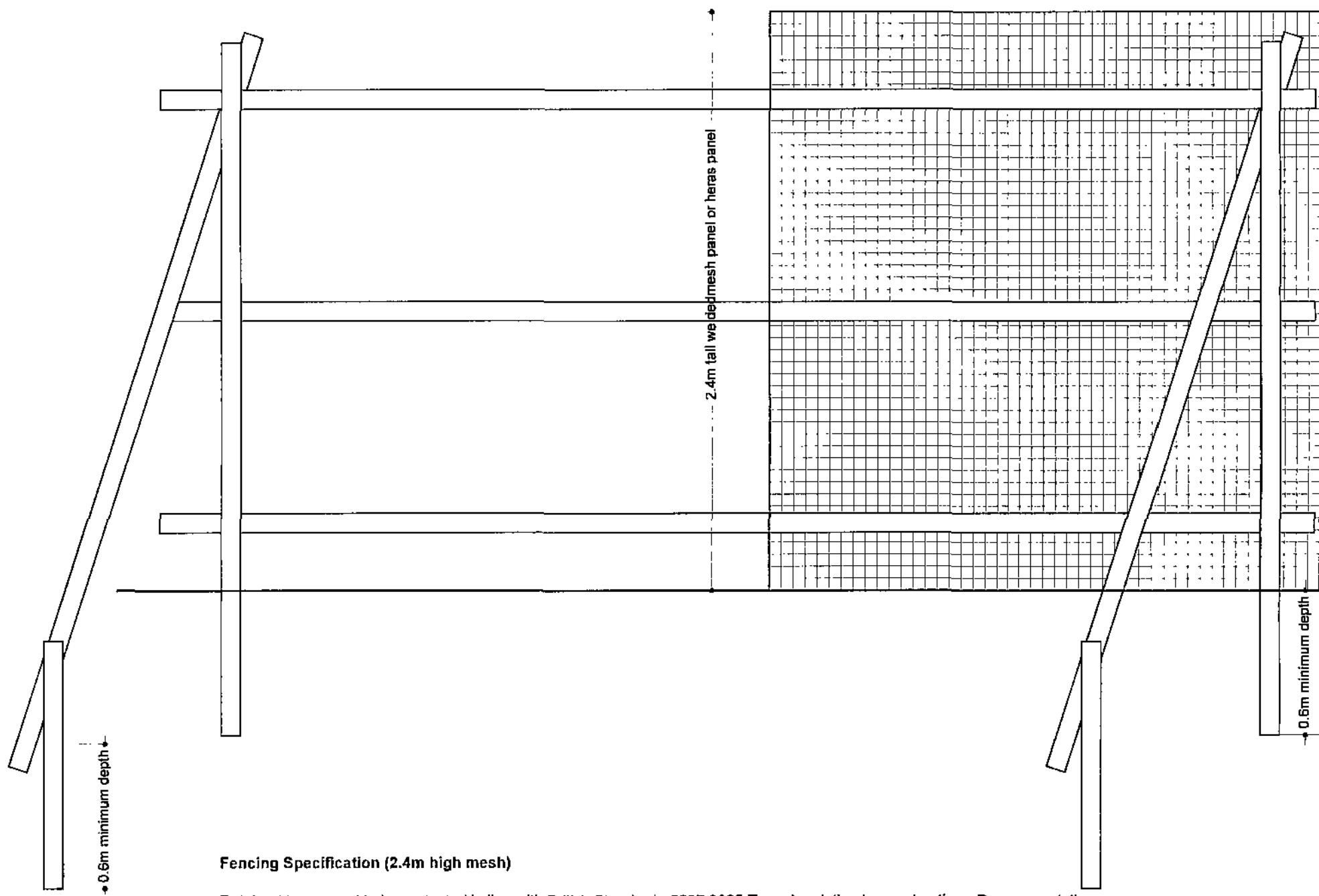
1.2m Chestnut Pale
To be protected by 1.2m high Chestnut pale fence supported by 1800x100mm half round untreated posts at 1800mm centres, 2no. 38x87mm rails. Chestnut piling fixed to rails.

All protective fencing to be erected prior to demolition and shall remain in place to the satisfaction of the LPA, until development works have been completed or as agreed with LPA in writing.

NOTES

Prior to the commencement of any work whatsoever, or any materials being brought on site, existing trees to be retained are to be protected from damage by a 1.2-1.5m high cleft chestnut fence or similar. This shall be maintained in good and effective condition until the work is completed.
The protective fencing is to coincide, as far as is practical, with the spread of the branches and in accordance with BS 5837 'Trees in relation to construction'.
The following measures are particularly important:
a) Materials are never to be stacked within the root spread of the tree;
b) No oil, tar, bitumen, cement or other material is to be allowed to contaminate the ground within the root spread of the tree;
c) No fires shall be lit beneath or in close proximity to the tree canopy;
d) Trees to be retained should not be used as anchorages for equipment or for removing stumps, roots or other trees, or for other purposes;
e) No notices, telephone cables or other services should be attached to any part of the tree;
f) Cement mixing should not be carried out within the canopy/protected area of the tree;
g) Soil levels are to be maintained as existing within the root spread of the tree.
Any alteration to soil levels in an area up to one and a half times the diameter of the tree canopy must be agreed with the landscape architect.

TREE PROTECTION FENCING - 1.2M HIGH CHESTNUT PALE



Fencing Specification (2.4m high mesh)

Retained trees need to be protected in line with British Standard: 5837:2005 Trees in relation to construction - Recommendations.

The fencing/barriers will be erected prior to construction and will remain until construction activities have been completed. The root protection area will be considered sacrosanct and will not be removed or altered without prior recommendation by an Arboriculturalist and approval of the local planning authority.

The fencing/barrier will consist of a vertical and horizontal framework of scaffold tubing which is adequately braced to resist impacts. The vertical scaffold tubes will be placed at a distance not exceeding 3m apart. The weldmesh or Heras panels will be 2.4m tall and securely attached to the scaffold framework with wire or scaffold clamps. The wire or scaffold clamps will be secured on the inside of the barrier to avoid easy dismantling.

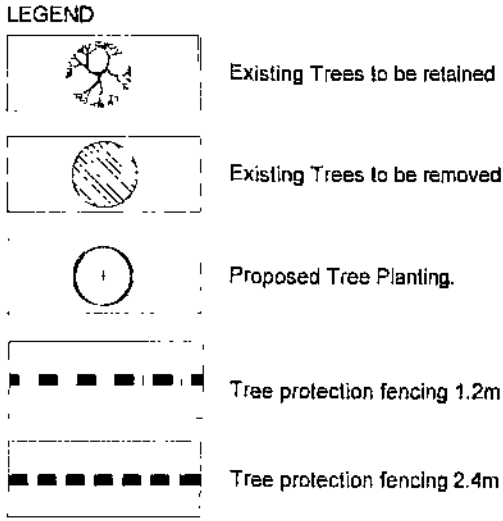
No fixing will be made to any tree and appropriate measures will be taken to prevent damage to tree roots when locating the posts. All types of barriers will be firmly attached to prevent movement by site personnel or vehicles and all weather signs with the wording "Construction exclusion zone- keep out" will be attached.

Fencing will be regularly inspected for damage or loosening of fixings and repaired promptly.

TREE PROTECTION FENCING - 2.4M HIGH MESH

Barnsley Partnership For Learning

KIRK BALK



The requirements of BS5837:2005 trees in relation to construction are to be adhered to with particular reference to:

9.3 Ground Protection.

9.3.1) Where it has been agreed during the design stage, and shown on the tree protection plan, that vehicular or pedestrian access for the construction operation may take place within the root protection area(RPA), the possible effects of construction activity should be addressed by a combination of barriers and ground protection. The position of the barrier may be shown within the RPA at the edge of the agreed working zone but the soil structure beyond the barrier to the edge of the RPA should be protected with ground protection.

9.3.2) For pedestrian movements within the RPA the installation of ground protection in the form of a single thickness of scaffold boards on top of a compressible layer laid onto a geotextile.

9.4 Additional Precautions Outside The Exclusion Zone

9.4.1) Once the exclusion zone has been protected by barriers and/or ground protection, construction work can commence. All weather notices should be erected on the barrier with words such as:

"Construction exclusion zone - Keep Out"

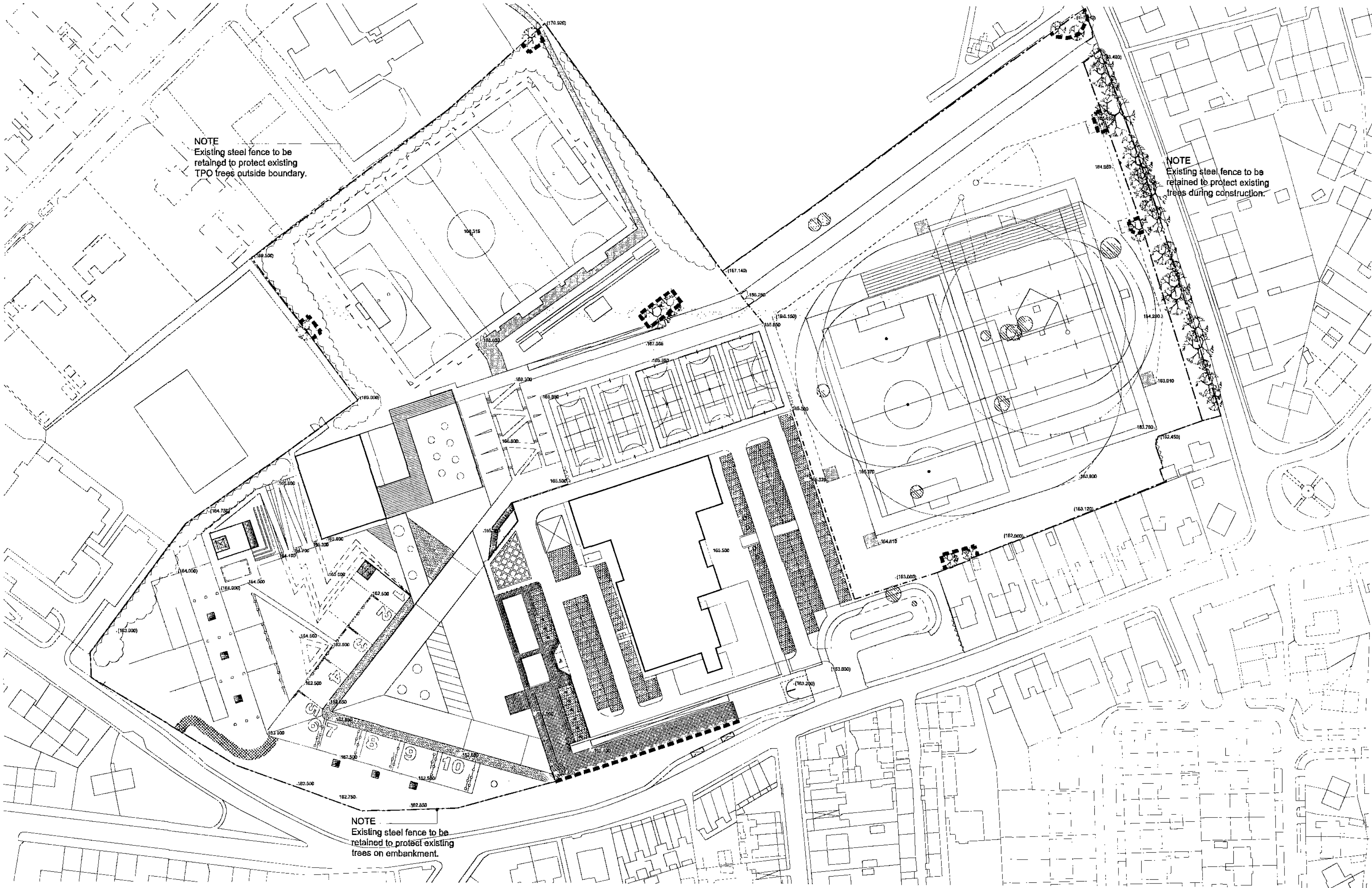
9.4.2) In addition the following should be addressed or avoided.

a) Care should be taken when planning site operations to ensure that wide or tall loads, or plant with booms, jibs and counterweights can operate without coming into contact with retained trees. Such contact can result in serious damage to them and might make their safe retention impossible. Consequently, any transit or traverse of plant in close proximity to trees should be conducted under the supervision of a bankman to ensure that adequate clearance from trees is maintained at all times. In some circumstances it may be impossible to maintain adequate clearance thus necessitating access facilitation pruning.

b) Material which may contaminate the soil, e.g. concrete mixing, diesel oil and vehicle washings, should not be discharged within 10m of the tree stem.

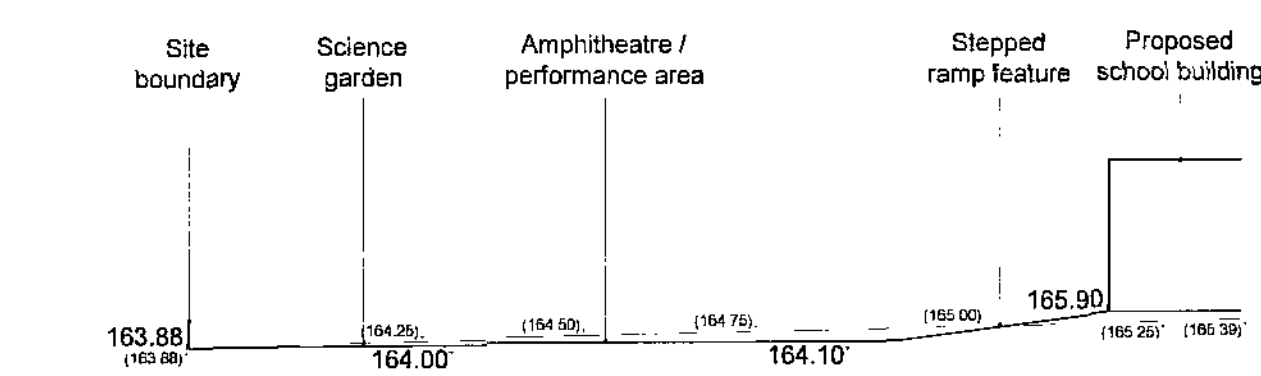
c) Fires should not be lit in a position where their flames can extend to within 5m of the foliage, branches or trunk. This will depend on the size of the fire and the wind direction.

d) Notice boards, telephone cables or other services should not be attached to any part of the trees.

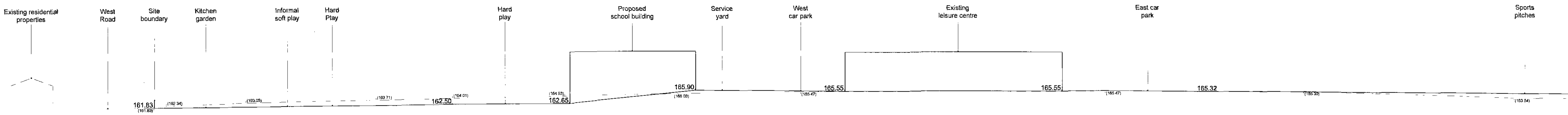


Site Sections

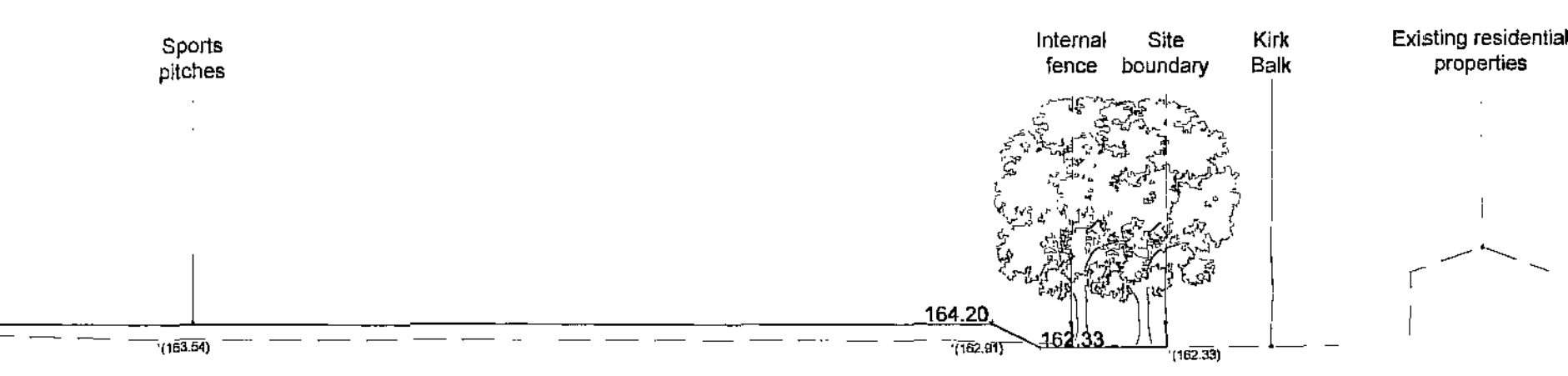
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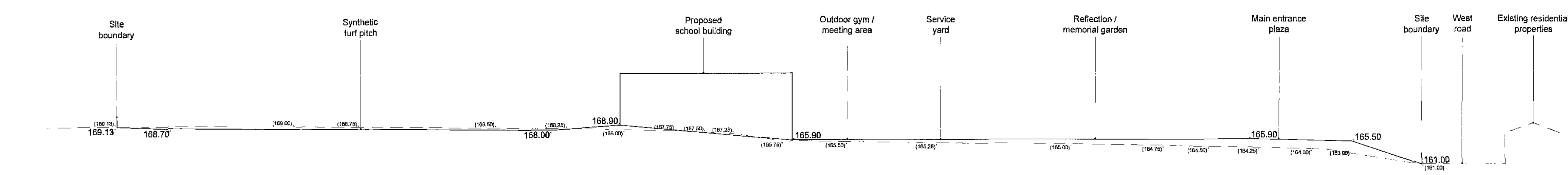
Section A-A



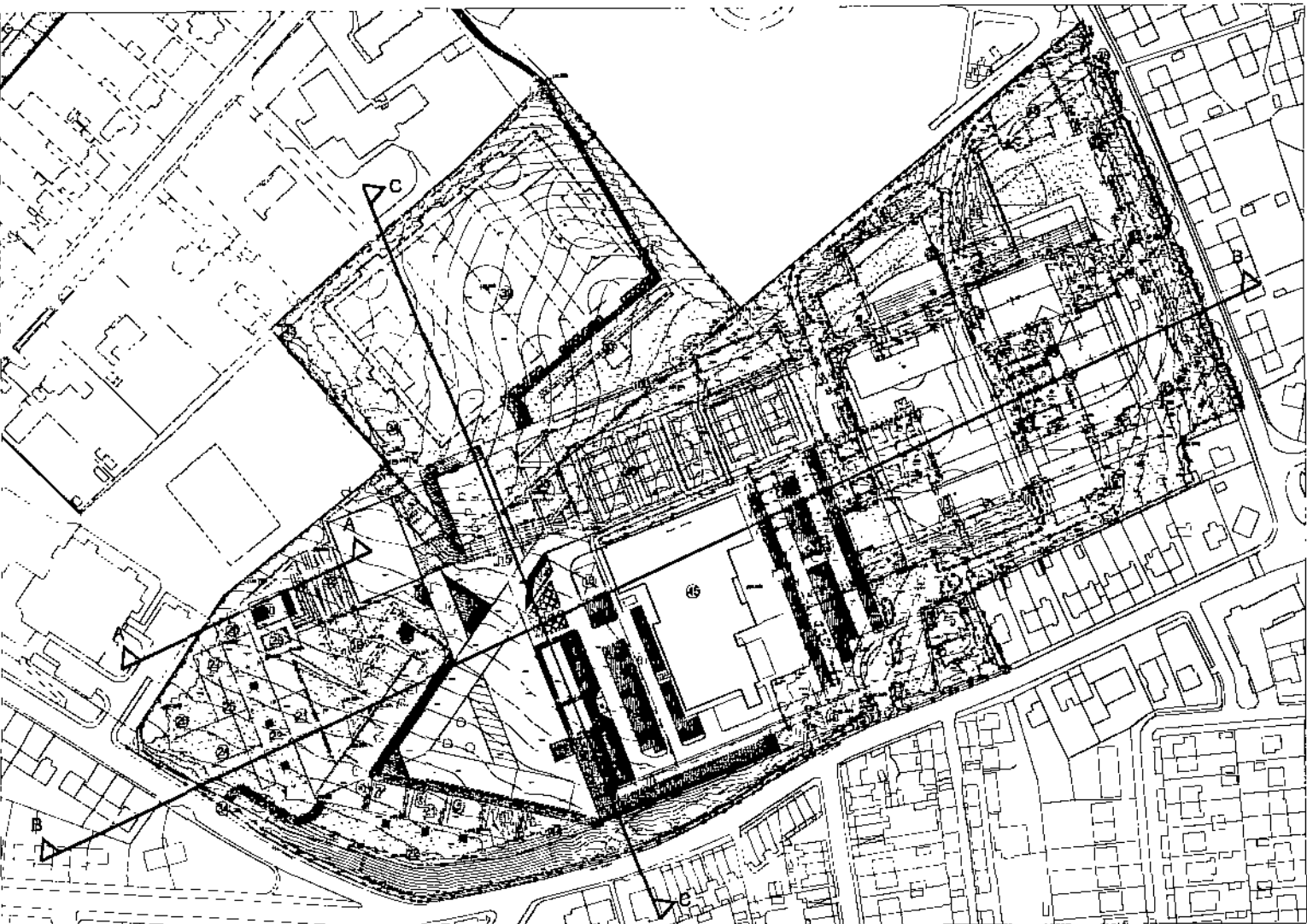
Section B-B



Section B-B cont.



Section C-C



Location Plan - Not to scale

NOTES
Existing section lines shown dashed.
Proposed section lines shown solid.
Existing spot levels shown in brackets.
Proposed spot levels shown without brackets.
Existing trees shown indicatively.

