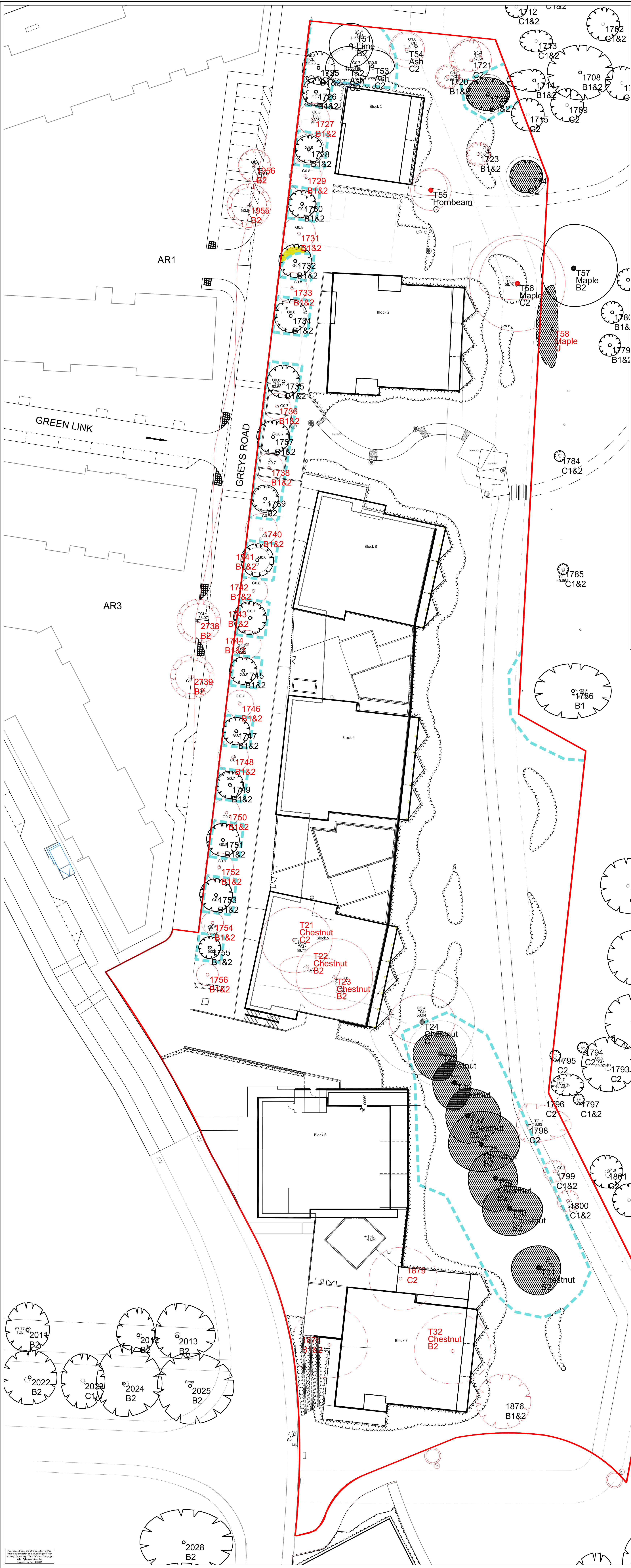
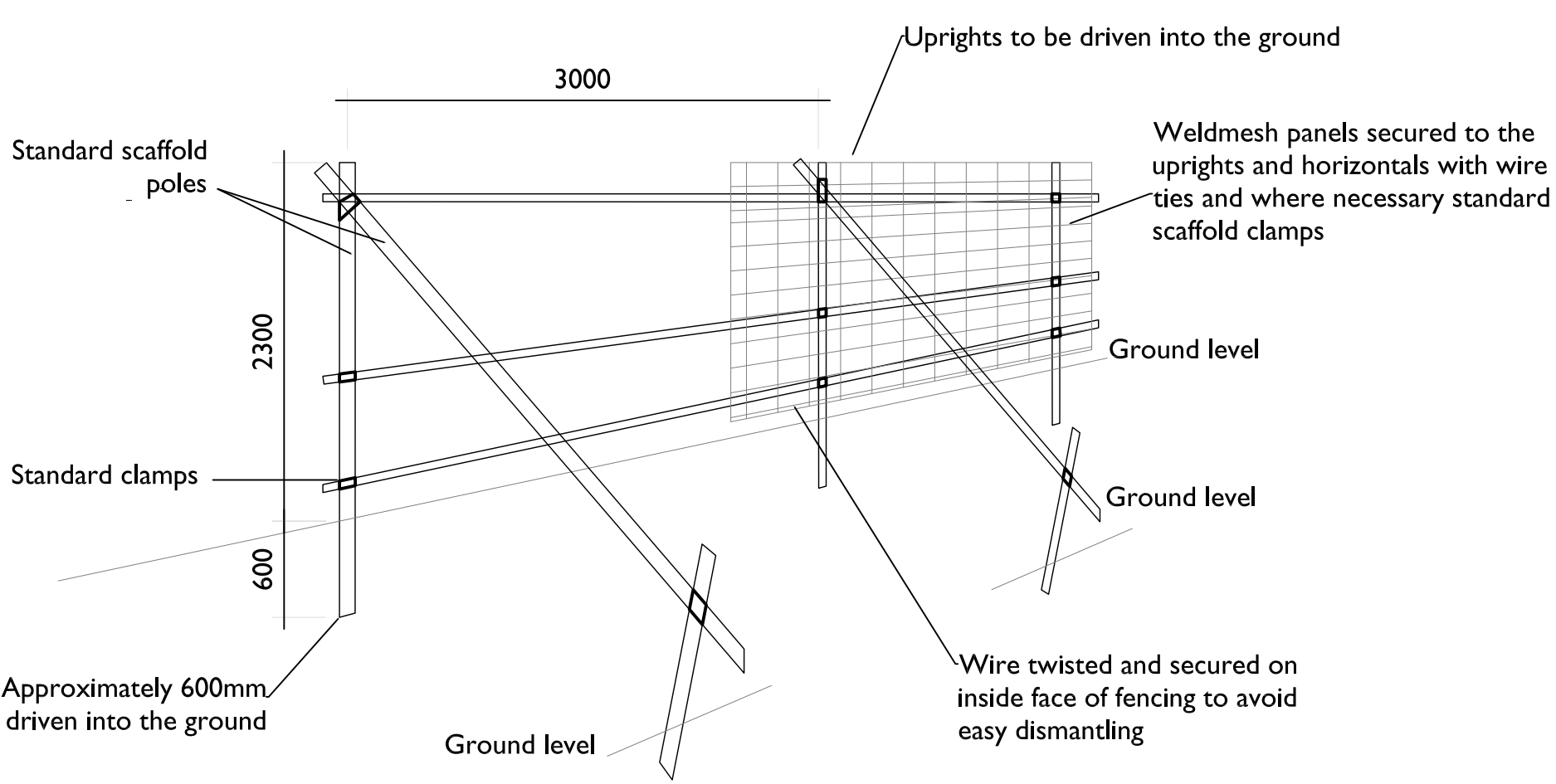




Protective measures

1. Prior to the commencement of any work whatsoever, or any materials being brought on site, existing trees and vegetation to be retained are to be protected from damage by fencing similar to that shown. This shall be maintained in good and effective condition until the work is completed.
2. The protective fencing is to follow the alignment shown on the adjacent plan. Any new alignments are to be agreed with the landscape architect or arboriculturalist.
3. The following measures are particularly important:
 - 3.1. Materials are never to be stacked within the root spread of the tree.
 - 3.2. No oil, tar, bitumen, cement or other material is to be allowed to contaminate the ground beneath the root spread of the tree.
 - 3.3. No fires shall be lit beneath or in close proximity to the canopy.
 - 3.4. Trees to be retained should not be used as anchorages for equipment used for removing stumps, roots or other trees or for other purposes.
 - 3.5. No notice boards, telephone cables, or other services should be attached to any part of the tree.
 - 3.6. Cement mixing should not be carried out within the canopy/protected area of the tree.
 - 3.7. 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/arboriculturalist.
- 3.8. Erection of fencing is to be carried out in accordance with BS 5837:2012.
4. Any unavoidable and essential excavation within the fenced areas should be undertaken by hand.
 - 4.1. Within any hand excavation all roots are to be neatly cut back to the excavation face nearest the vegetation using secateurs or loppers to minimise wound area and drying out.
 - 4.2. Hand excavations should comply with the recommendations contained within Section 7.2 "Principles for Avoiding Tree Root Damage during Construction" of BS5837:2012 "Trees in Relation to Construction - Recommendations".
 - 4.3. Protective fencing should remain installed around the unaffected portions of the RPA during such works and until the completion of construction.



TYPICAL DETAIL OF PROTECTIVE FENCING (Not to scale).

APAL FILE REFERENCE
2460-TS-01

Notes
This drawing is subject to copyright.
Do not scale from this drawing.

Based on drawing by
Drawing number

LEGEND

- Application Boundary
- Existing tree to be retained
- Existing tree to be retained
- Root protection area
- Existing tree to be removed
- Review on site Tree to be retained if possible but may be removed if required to facilitate construction of haul road
- Existing tree to be crownlift / repollarded, to provide access for haul road
- Line of protective fencing installed prior to construction (must comply with BS5837:2012, section 6.2)
- Indicative area of canopy or RPA within area of construction operations (ref Landscape Trees Tree Constraints Report APA UX-TC-TCR_01a and APA UX-SHON_TCR_011) No-dig construction methods in accordance with BS5837:2012 in RPAs. No damage to be caused to canopies by movement of equipment etc where canopies overhang roadways and areas of hardstanding. Contractor to provide Method Statement.
- Indicative area of RPA within area of building encroachment.

P4	Updated to FBH Layout	15/06/18	BI	NK
P3	Updated in agreed with Tree Officer during site visit 12/06/18	12/06/18	BI	NK
P2	Updated from site meeting with FBH and SPM	09/05/18	BI	NK
Rev	Description	Date	Drawn	Checked

PLANNING

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Client: VSM Unbridge Scale: 1:250@A0 1:500@A1

Project: St Andrew's Park The Dice BI/NK BB/NK

Drawing title: Tree Protection Plan Date: 18/11/16

Drawing Number: R9069-APA-18-00-DR-L-TS01 Revision: P4