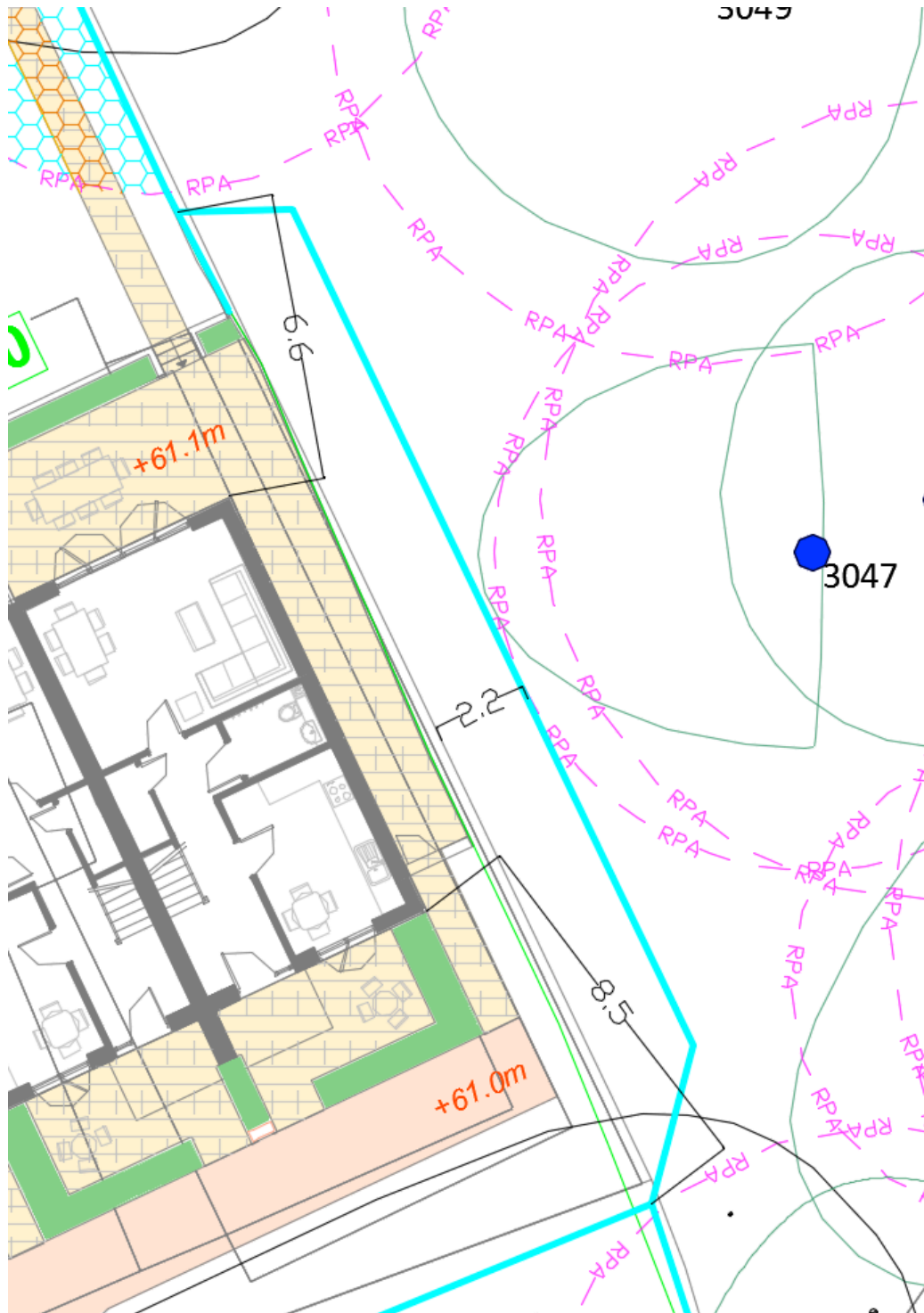


SITE MONITORING REPORT

To	David Parsons (Ridge), Mark McClean, Carl Turner (Knowles)
Mode of Transmission	via email as pdf file
Date	06.07.17
Date of site visits	05.07.17
Instruction	Upper Redlands Road
FLAC Instruction ref	CC31-1036
Client	Reading University

1. I attended site on the 5th of July 2017. The purpose of the visit was to carry out a routine inspection of the tree protection measures around the site and to get an understanding of how the operations are progressing. My advice in respect of ongoing tree protection follows
2. The main focus of my advice relates to the construction of a retaining wall parallel to the east flank of the east unit (number 10). The section to receive this retaining wall runs from virtually level with the south-east corner of the unit and extends to approximately 3 metres beyond the north-east corner. The wall is located outside the root protection areas (RPAs) of retained trees beyond the east site boundary
3. I understand that engineers have recommended a substantial concrete footing and that Knowles are exploring the options to reduce the extent of engineering, possibly to a batter back down to the existing levels. The wall at its highest point is +600mm, a corresponding batter with 1:3 fall would have a horizontal land take of 1800mm. All things being equal this would terminate 400mm short of the first RPA, being 2200mm from the retaining wall, at horse chestnut 3047, existing level differences may vary the actual dimensions

4. In any event the protection of trees to the east will require a more substantial barrier to be installed prior to work for either a wall or batter commencing. The current situation is that with the scaffolding in place access down the east flank is greatly restricted so orange mesh on lamp irons has provided a visual demarcation of the limits to access since the old chain link fence was removed



Marked-up TPP to show alignment of enhanced tree protection fencing for works associated with either retaining wall or batter construction

5. The current alignment of the mesh is likely to be satisfactory in terms of access facilitation for the wall/batter if extended to the north but proximal activities will require a suitably robust barrier replacement, to that end I recommend: herras panels on boots, pinned into the ground; panels clipped together and braced horizontally; supported by individual back braces, also pinned into the ground
6. This is not the typical fully driven scaffold framework but I consider it to be suitably robust with consideration of the location, close scrub vegetation and the level of construction activity. NB please would Knowles contact FLAC a week before the new fencing so that we may record the replacement tree protection fencing once installed



Photograph to show the east flank of unit 10, scaffolding outriggers required old boundary fence to be removed but framework impedes access, orange mesh visually demarcates limits to access. Wall to be constructed approximately where scaffold toe board is, removal of framework requires enhanced tree protection fencing to replace orange mesh per mark-up above

7. The area site-side of the tree protection fencing on the mark-up is free of RPA constraints, assuming no incursion beyond the fencing alignment mechanical excavations may take place, concrete may be used and any roots encountered may be severed. NB trench for wall footings will be in the region of 2 metres beyond the extremity of the closest RPA

8. I would advise that the new fence alignment is pegged out, noting the maximum offset as shown on the mark-up above, to determine if any access facilitation pruning is required. If pruning of the scrub is necessary I advise that an arboricultural contractor is instructed to undertake this, per the arboricultural method statement. They could also undertake the removal of the sycamore (see item 10 below) and the outstanding pruning works per the specification provided on the tree protection plan 31-1036.06-C dated 26.01.17
9. The new tree protection fencing must remain in situ until the boundary fence is installed because without the scaffolding, access along the flank of the unit is feasible consequently access beyond the site must be prevented
10. The sycamore close to the south elevation of the 2nd unit from east is still present. This has been shown for removal on documentation before the authority for quite a while now so I would advise that it is removed at the earliest convenience, if nothing else it will provide more space
11. Tree protection measures across the rest of the site have not changed since my last visit and remain in satisfactory condition.

This concludes my site visit note. Please do get in touch with any questions or when further activity relevant to tree protection is due to be undertaken.

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