

Chris Wood (SBA)

From: Liz Beckett <LizBeckett@TreeSurveys.co.uk>
Sent: 04 August 2021 14:08
To: 'Michael George Saddington (Pellikaan)'; Nick Hayden; Chris Wood (SBA)
Cc: Christ Swinkels (Pellikaan); Andrew Laslett (Pellikaan); rivermead@pellikaan.com; 61496-Rivermead
Subject: RE: 8957 - AMS - Reading - Rivermead Leisure Centre

Good afternoon Mike,

I have provisionally reviewed the proposed service layout with regards to the retained trees. The proposed LV service trench that enters the existing substation to the south, drawing C7403-TLP-RM-00-DR-ME – 901 D, where it passes through the RPA can be dealt with via the existing AMS section 2.9.2 “Where possible all diverted service runs will be placed outside the RPA of the trees on, or adjacent to, the site. Where it is not possible to do this, the proposed length infringing the RPA will be hand dug 'broken trenches' (NJUG 4 paragraph 4) to ensure the maximum protection of the trees' roots. The trenches may also be excavated using an air spade, or trenchless technology can be employed if this methodology is considered appropriate by the relevant service company (thus allowing services to pass below and through the roots without the need for traditional excavation). If it is necessary to cut any small roots as part of any of these processes, they should be severed in such a way as to ensure that the final wound is as small as possible and free from ragged, torn ends.” Furthermore, crown lifting over the substation has been specified irrespective of development to clear what is effectively a caged roof.

However, the proposed LV cable that connects the existing substation to the demountable swimming pool and other service corridor, shown in drawing C7403-TLP-RM-00-DR-ME-902 D, affect areas of undisturbed ground and a bund within the RPA of retained trees. Using trenchless technology/hand digging for all four is possibly not an appropriate option. If there is no scope to move this service corridor west and into the footprint of the existing leisure centre/hardsurfacing the removal of trees may be necessary. The difficulty in following the tree removal plan is that as these trees have grown as a group the removal of one or more of the large Poplars would expose retained trees to wind effects for which they are unadapted and its possible/likely that the whole group would require removal. My colleague is in the process of overlaying the tree information onto the service drawing so that the full detail is clearer and I will provide a further update.

If you want to discuss this further please feel free to contact me on the mobile number below.

Kind regards,

Liz

Liz Beckett

Arboricultural Consultant – Southern Office

(Please note my working days are Wednesday and Thursday)

Tel: 01722 657423 Mob: 07716643278 lizbeckett@treesurveys.co.uk www.treesurveys.co.uk

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quarantine/movement. We will update this notice as and when operating procedures may change. Rest assured we have both our clients' and employees' best interests at heart and will not compromise these in any way



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From: Michael George Saddington (Pellikaan) [<mailto:msaddington@pellikaan.com>]

Sent: 30 July 2021 18:19

To: Nick Hayden <Nick@TreeSurveys.co.uk>; Liz Beckett <LizBeckett@TreeSurveys.co.uk>; Chris Wood (SBA) <ChrisW@saundersboston.co.uk>

Cc: Christ Swinkels (Pellikaan) <cswinkels@pellikaan.com>; Andrew Laslett (Pellikaan) <alaslett@pellikaan.com>; rivermead@pellikaan.com; 61496-Rivermead <61496-Rivermead@pellikaan.com>

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Nick,

As discussed, the Rivermead project is due to commence on site 31 August 21, with excavation for service diversions beginning w/c 13 September 21.

On site, we have an HV cable feeding the existing substation located under the cluster of trees T 018-026, noted in the AMS. The substation remains in service supplying the existing leisure centre until completion and handover of the new leisure centre which is to be constructed in phase 1 of the works, and beyond that where it continues to service the site.

However, the cable supplying the substation has to be diverted as it currently runs under the footprint of the proposed new leisure centre. This will involve excavating a service trench from the point of disconnection up to and into the existing substation, in order that a new HV cable can be laid and connected to the existing transformers within the enclosure. The attached T&L drawings (diversion 901D and proposed 902D) refer.

Is it possible to review the AMS with regards to trees T018 to 026 and advise what can be done?

Our concerns are that;

- a) We need to be able to excavate the service diversion trenches to the front gate of the transformer cage, probably through tree roots, and gain access into the cage which will need some cutting back of T026 as a minimum.
- b) There appears to have been little maintenance of the trees surrounding the substation, which we would have thought was essential for safety and security of supply?
- c) Ongoing maintenance will be an issue with overhanging branches given the sub's open construction
- d) The substation will remain in use both during and on completion of the works and is integral to the scheme. We do not want the utility provider to take the substation out of commission, or withdraw their quotation and insist that new infrastructure is put in place. That would affect both the operator and ourselves as the D&B contractor.

e) The AMS as it has been submitted for sign off by the planner and we don't wish any delays to result.

Whilst writing, I'd also mention that our phasing plans have changed in respect of the site accommodation location, and contractor parking, mark-up attached for information, Chris at SBA will be asked to update our CMS plans, accordingly, if you could check that you are incorporating the latest version.

Regards,

Pellikaan Construction Ltd
Mike Saddington

07525 277169
msaddington@pellikaan.com
www.pellikaan.co.uk



Before you print, think about the environment

From: Catherine Hurlock <CatherineHurlock@TreeSurveys.co.uk>

Sent: 19 July 2021 16:52

To: Chris Wood (SBA <ChrisW@saundersboston.co.uk>; Christ Swinkels (Pellikaan) <cswinkels@pellikaan.com>; Andrew Laslett (Pellikaan) <alaslett@pellikaan.com>; Michael George Saddington (Pellikaan) <msaddington@pellikaan.com>

Cc: Rachel Edwards <RachelEdwards@TreeSurveys.co.uk>; David Carmichael <DavidCarmichael@TreeSurveys.co.uk>; Jack Felton <jack@treesurveys.co.uk>; Kelvin Johnson <KelvinJohnson@TreeSurveys.co.uk>; Nuno Teixeira <nuno@treesurveys.co.uk>; Nick Hayden <Nick@TreeSurveys.co.uk>

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Good Afternoon

Please find attached the report and drawings for the AMS at the above mentioned site.

Should you wish to discuss the attached survey please do not hesitate to contact Nick Hayden who is managing the project here.

Hayden's are committed to operating a paperless service as best we can and therefore only provide our documents electronically in the first instance. However, if you would require hard copies please do let us know.

Also, could you please advise if our invoice should be made out to Pellikaan Construction Ltd as previously, and if so if a Contract Code or Purchase Order is required?

If there is anything else that you require or you have any questions please do not hesitate to contact us.

Kind Regards

Catherine Hurlock
Administration Team

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