

Sonam Wangdi

From: James Mayfield <James.Mayfield@thameswater.co.uk>
Sent: 21 March 2023 10:38
To: Alexandru Dougan-Gaftea
Cc: Manoja Weerasinghe; Matt Fox
Subject: RE: Thames Lee Tunnel Query
Attachments: TWRM Piling Exclusion Zone.pdf



Hi Alexandru,

Good to hear about the O2 Finchley Rd project.

It might be better to have a short MS Teams call so I can understand your development and can provide you with appropriate advice. Please let me know when you are available.

Kind regards,

James Mayfield

Project Engineer – Developer Services, Major Projects

Mobile: 07747 642 662
James.Mayfield@thameswater.co.uk

Clearwater Court, Vastern Road, Reading, RG1 8DB



From: Alexandru Dougan-Gaftea <AGaftea@pellfrischmann.com>
Sent: 21 March 2023 10:20
To: James Mayfield <James.Mayfield@thameswater.co.uk>
Cc: Manoja Weerasinghe <MWeerasinghe@pellfrischmann.com>; Matt Fox <MFox@pellfrischmann.com>
Subject: Thames Lee Tunnel Query

Hi James,

I hope this e-mail finds you well. It's been a while, but rest assured the O2 Finchley Rd project will soon be up and running fully as the new (and hopefully final) planning application has gone in recently and fingers crossed this will get the approved in the next few weeks.

I was actually hoping that you could perhaps help with a query that we have on another project that some of my colleagues are working on.

The site we are looking at is located above the Thames-Lee Tunnel which I believe is a strategic main constructed post WW2 as a drought alleviation measure. We have the below image from the asset search and the site is located between shafts 14 and 15.

Our client has previously been advised a few years ago that the exclusion zones for the Thames-Lee Tunnel should be 10m horizontally and 15m vertically and that any excavation above or adjacent to the tunnel carries a risk of causing catastrophic failure of the tunnel and as such any development within 5m of the outside face of the tunnel must be reviewed by TW.

Ground Level

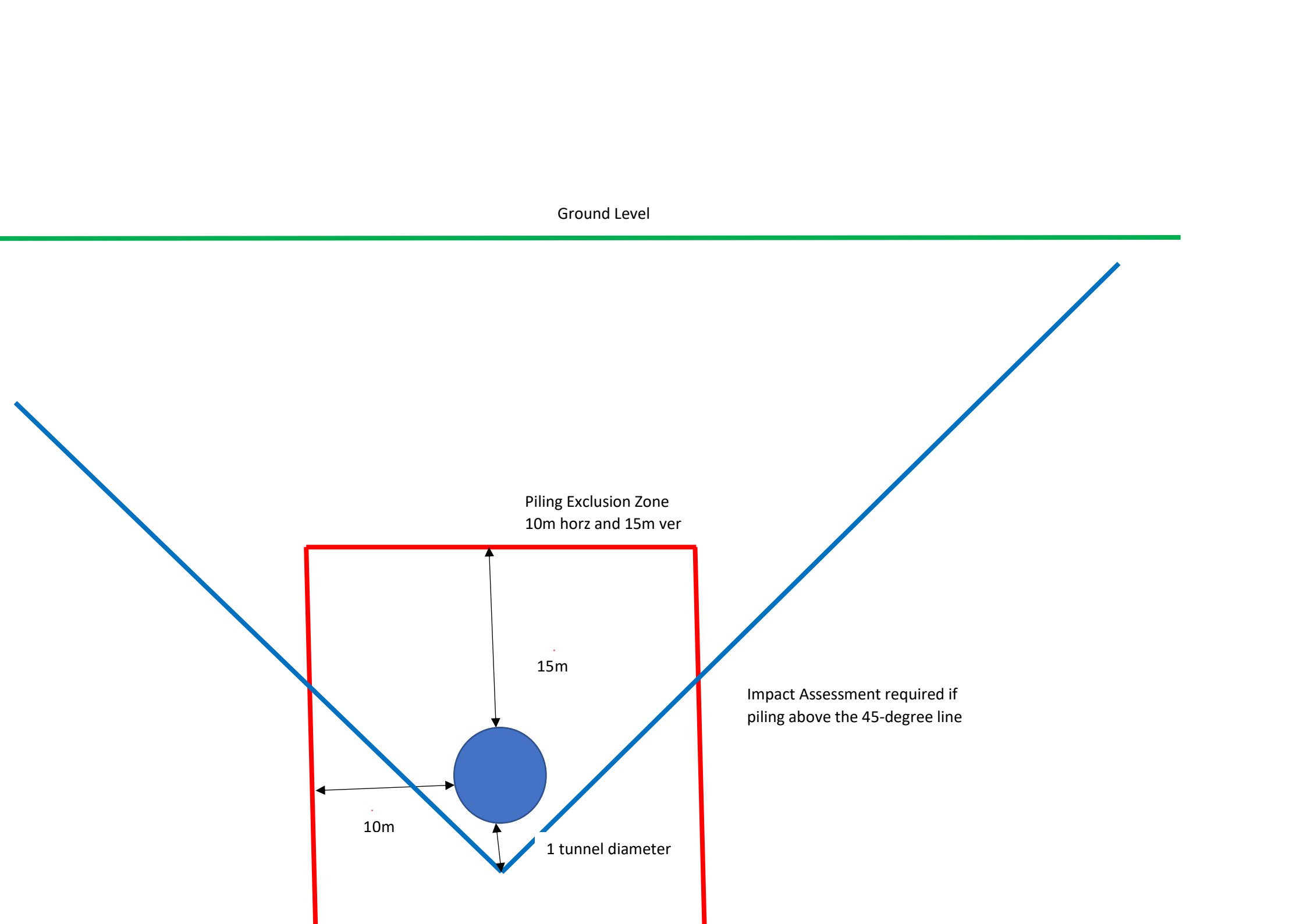
Piling Exclusion Zone
10m horz and 15m ver

15m

10m

1 tunnel diameter

Impact Assessment required if
piling above the 45-degree line



Do you happen to know anything about this tunnel or the procedure we should go through if we wanted to do any construction works over it? Or if you could point us to the person we should contact within TW to discuss this in more detail that would be much appreciated.

Basically we want to confirm the above noted exclusion zones and whether or not any excavation works above the tunnel are completely prohibited regardless if outside the exclusion zone.



Kind Regards,

Alexandru Dougan-Gaftea

Associate

5th Floor, 85 Strand

London

WC2R 0DW

T: 0207 486 3661

M: 07557 025060

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