

Bradley J. Parsons

From: Kevin Byam <kevin@distinctivetreecare.com>
Sent: Wednesday, January 27, 2021 3:15 PM
To: Bradley J. Parsons
Subject: RE: Essex Meadows Solar, trees

Good Afternoon Brad,

Based on the image you sent me, EssexTreePhotosand Markup, I do not see the addition of proper soil type in the area indicated as causing any detrimental effects to the nearby tree in this image. If this image is consistent with proximities to other trees along this conduit path, I see no significant likelihood of trees being affected.

This indicated area to be filled represents a relatively small percentage of root area for nearby trees. It is important that the distances here are accurate, as adding fill immediately around the trunk flare of any tree could promote a favorable environment for root rot pathogens. In general, adding fill is not a recommended practice, as it limits water and oxygen availability to tree roots. However, in this instance, on a slope, the addition of topsoil here may in fact aid in rain water permeating into the soil vs. running off.

My only additional input would be the recommendation of loam or sandy loam as the fill material. This will help to assure a soil medium that will support the establishment of vegetation, and also provide for good drainage and soil porosity.

Please let me know if you have any other questions. Thank you!

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