

# **Deadline 3 Submission on Behalf of the Neighbours and Users of Queen Elizabeth Park**



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Interested Party reference no: **20022545**

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# 1. **Our Objections Still Stand**

Esso's plans for the pipeline installation are unchanged with a 15 metre (total) strip of tree loss through Queen Elizabeth Park and a wider area for the auger boring pit.

Our objection to the installation techniques and the potential tree loss throughout the park still stands.

Currently the Woodland Trust lists two Veteran trees and 32 Notable trees in the park. Both Veteran trees and 22 Notable trees are within the current Order Limits.

At Deadline 2 a petition was submitted to the examination with the signatures of 6,203 people who are opposed to the pipeline's route through the park. We did not promote this petition any further after it was submitted, but in the five weeks since then another 1,060 online signatures have been added online, bringing the total to 7,263.

## **2. To Solve All the Issues We Raise, Esso Could...**

### **2.1. ...Choose a Route Which Avoids the Park Altogether**

The pipeline could avoid the park altogether by following a route along Prospect Road, then Prospect Avenue, with a short stretch along and across the A325 to rejoin the currently proposed route at Ship Lane.

Advantages are:

- The play area within the park is fully retained throughout the project
- The green commuter route remains open and useable
- There is no tree loss in the park
- Based on Esso's comments in the Issue Specific Hearing about the relative speed of installation in a road, this would be faster than installing through the park

### **2.2. ...Or Use HDD More Effectively in and Around the Park**

The two suggestions in this section are independent of each other but if both are implemented they have the scope to drastically reduce or even eliminate tree loss and disruption in the park.

They also open up the possibility of siting the construction compound elsewhere, due to the reduced amount of work in the park. We believe that Farnborough Hill School is a better location for the compound and understand that the school is willing to host it<sup>1</sup>.

#### **2.2.1. Use a Single HDD Bore Under the Park and A325**

We propose that directional drilling is used within the park. The drill could be launched from the play area in the park, with a reception pit in the grounds of Farnborough Hill School. This ensures that the bore length is short enough for stringing out to be accommodated in the school grounds.

This option has been described in more detail in a separate submission by Mike Francis.

Advantages are:

- Siting the compound in Farnborough Hill School would avoid the need for a haul route in the park
- The green commuter route remains open and useable
- Tree loss in the park could be avoided or limited to the play area section of the park
- The stringing out area would be in the southern section of the school grounds, an area which is out of bounds to pupils and far from any school buildings.
- There is no need to clear a space for an auger boring pit at the eastern boundary of the park

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<sup>1</sup> During Issue Specific Hearing 2, one of Esso's representatives confirmed that Farnborough Hill School is a 'willing host' of the construction works.



We realise that this option still results in the temporary loss of the play area but we feel that this is a compromise that would be acceptable to the community if it meant the rest of the park was undisturbed.

### **2.2.2. Reduce or Eliminate Stringing Out in the Park**

We also propose that the HDD bore from Stake Lane is either shortened or eliminated altogether, to be replaced with a trenched installation.

If the HDD bore were shortened, so that it emerged in the western corner of the allotments, this would shorten the area required for stringing out. Stringing out could be confined to the allotments and the un-wooded area of the park. Trenched installation would then run through the allotments, terminating at the play area in the park.

Alternatively, the entire HDD bore could be replaced with a trenched installation. This avoids the need for any stringing out in the park and allotments. We note that at least one Stake Lane resident would favour this option because it would not be necessary to demolish his garage to accommodate the HDD launch pit.

Advantages are:

- No tree loss in the park
- Impact to the residents of Stake Lane is greatly reduced

### **3. Written Summaries of Oral Submissions**

This section summarises the main points of our statements at the hearings held on 25th November and 3rd-4th December.

#### **3.1. Open Floor Hearing (Monday 25th November)**

##### **General**

- Rushmoor Borough Council (RBC) is fully behind us as an official Community Group
- We are working with the RBC Ecology Officer
- We will take active role maintaining Queen Elizabeth Park

##### **Veteran Trees**

Now that 2 veteran trees have been formally recognised by the Woodland Trust in Queen Elizabeth park we would like Esso to commit to ensuring no work is done within the canopy + 5 metre zone around them - as requested by the Woodland Trust.

- Veteran trees are irreplaceable
- Esso must do a thorough tree survey to check for more veteran trees - they missed these

##### **Haul Route for Auger Boring Pit**

We strongly believe that the woodland of Queen Elizabeth Park is not a suitable place for a haul route. We believe the route will be used to access the auger boring pit from the construction compound. An alternative route for the large vehicles needs to be found.

- Esso say that even with trenchless installation 15 metres<sup>2</sup> will be cleared for the haul route
- The park is not suitable or safe place to drive large trucks through
- Trees are being removed forever to allow Esso drive trucks through the park for a few months

##### **Drilling Under the Allotments**

Esso are planning to drill under the allotments, and in order to do this they need to remove a 5 metre width of trees for the whole length of the park in which to string out the pipes. We do not think it is right to sacrifice so many trees to save the surface in the allotments.

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<sup>2</sup> This was later clarified (during the Issue Specific Hearing on 3rd December) to 10 metres, with 5 metres as a separate space for stringing out.

- Allotments will recover much faster than woodland
- The 5 metre stringing out strip is separate from the pipeline installation area
- We do not think it is the right trade-off to sacrifice trees for the allotments

## **HDD**

Esso should use Horizontal Directional Drilling to avoid digging a trench in the park and disrupting tree roots.

- Drill from the play area to the other side of the A325 (into Farnborough Hill grounds)
- Avoids the need for an auger boring pit and associated machinery/haul route
- String out in Farnborough Hill grounds, where there is plenty of space
- 500 metre boring, 500 metres of space in Farnborough Hill
- This has been dismissed by Esso in their Written Question responses without proper investigation

## **Alternative Route**

An alternative route which avoids the park was proposed by Esso, but dismissed because of objections about access to Frimley Park Hospital, which is 1.5 miles away. Esso should still consider Prospect Road in isolation from the hospital.

- Routing along Prospect Road does not commit the pipeline to go anywhere near the hospital
- The route could go along Prospect Avenue and join the proposed route in Ship Lane

## **Other Topics**

Oral submissions were made by other people speaking for Queen Elizabeth Park. The main points were:

- The park is a green commuter route<sup>3</sup>
- The park is the only suitable quiet, safe open play area in Farnborough for children with ADHD
- Cabrol Road residents are concerned that flooding could be made worse during and after the works
- Dog walkers are worried that the park will not be a suitable space for dogs during the works
- A local GP recommends that his patients walk in the park to improve their mental health
- Residents are concerned that access to their memorial benches will be restricted
- The park is used by schools and scout groups for lessons and other activities

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<sup>3</sup> Since the Open Floor Hearing, we have confirmed that the southern path through the park is designated by Rushmoor Borough Council as an off road dedicated cycle lane - see this map: <https://www.rushmoor.gov.uk/CHttpHandler.ashx?id=9505&p=0>

## 3.2. Issue Specific Hearings (3rd and 4th December)

### Trees

Esso claim they performed an adequate survey of trees in Queen Elizabeth Park and along the entire pipeline route.

- Esso were remiss in their preparation of the Schedule of Notable Trees and Tree Groups - there were numerous errors in the Tree Groups section<sup>4</sup>.
- In the absence of any other survey, local residents have catalogued numerous important trees in the park, and this work is still ongoing.
- By the time of the hearing we had added two veteran trees and 20 notable trees to the Woodland Trust's Ancient Tree Inventory<sup>5</sup>.
- How did Esso's tree survey miss our trees?

We also note that when asked by the Examining Authority to describe the park, Esso's representatives were unable to describe it accurately.

### Auger boring

- We are concerned that auger boring machines will be brought through the park and that trees will be cleared for this purpose.

Esso said during the ISH that access would be from the A325<sup>6</sup>.

### Stringing out

- Esso said no trees would be removed for stringing out in the park
- When challenged, Esso's representative said that trees such as birch might be removed<sup>7</sup>

### Alternatives

- Using HDD to install through the park was discussed
- Esso's position was that this is not feasible because the stringing out area would be right next to the grade 1 listed buildings of Farnborough Hill School.

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<sup>4</sup> We acknowledge that these errors have been corrected in version 2 of the document, submitted for Deadline 2.

<sup>5</sup> More trees have been added since the ISH. Please refer to Appendix A for the most up to date information.

<sup>6</sup> This is contradicted by Esso's response to the Examining Authority's Written Question QE.1.5.

<sup>7</sup> This seemed to be a hasty response, not based on knowledge of exactly which trees would need to be removed.



- Further discussion revealed that Esso's assumption was that the bore would run from Stake Lane to the school.
- An alternative was proposed with a shorter bore from the play area to the school, which Esso's technical leader thought would be feasible. This is described in section 2.2.1.
- An alternative route which avoided the park was also presented. This uses part of a route considered by Esso during the early consultation stages. There was no further discussion of this route during the ISH.

### **General Topics (4th December)**

- We asked for statistics on the number of repairs per year on the current pipeline with year-on-year increase of the numbers
- Echo fencing for noise reduction was discussed and Esso confirmed that this would not be used as default, and that it would not be used in the park<sup>8</sup>
- We asked for maps showing construction compounds and the section of pipeline each compound serves

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<sup>8</sup> We believe that screening should be used in the park - please see section 4.4.2.

## 4. Comments on Deadline 2 Documents

### 4.1. Tree Loss

#### 4.1.1. Written Representation by the Woodland Trust<sup>9</sup>

This representation states:

'The route will also result in impact to four veteran trees recorded on the Ancient Tree Inventory (197352, 197341, 193108, and 193090) either through direct loss of specimens in order to facilitate construction or through damage to the root systems via encroachment of root protection areas.'

Two of these trees are the newly-classified veteran trees in Queen Elizabeth Park (numbers 197352 and 197341). The Woodland Trust requests:

'a RPA [root protection area] in line with Natural England's Standing Advice of 15 times the diameter (or 5 metres beyond the canopy if that's greater).'

We believe this makes the proposed pipeline route through the park impractical due to the location of the 'Fairy Tree' (197341/T42). In addition, the number and position of notable trees within the order limits means that it is impossible to route the pipeline through the park without disturbing the roots of numerous trees listed on the Woodland Trust's Ancient Tree Inventory.

The 'Fairy Tree' also prevents the use of the area between its trunk and the southern boundary of the park as a route for any construction traffic because its root protection area extends to the boundary. Routing traffic to the north of the tree is also impractical due to other trees in the vicinity.

The government's guidance on Ancient woodland, ancient trees and veteran trees<sup>10</sup> states that permission should be refused:

'if development will result in the loss or deterioration of ancient woodland, ancient trees and veteran trees unless: there are wholly exceptional reasons [or] there's a suitable compensation strategy in place'

We think that avoidance of these trees, and also the notable trees in the park is the best approach. This effectively rules out any installation techniques which disturb the surface of the park.

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<sup>9</sup> <https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000886-Woodland%20Trust%20written%20representation%20and%20response%20to%20Examination%20Questions%20for%20the%20Southampton%20to%20London%20Pipeline%20Project.pdf>

<sup>10</sup> <https://www.gov.uk/guidance/ancient-woodland-and-veteran-trees-protection-surveys-licences#ancient-and-veteran-trees>

#### 4.1.2. Technical Note: Ancient Woodland and Veteran Trees<sup>11</sup>

Section 5, Veteran and Potential Veteran Trees contains table 5.2, which describes where special techniques for working near veteran trees will be used. This table does not list the 'Fairy Tree' (Esso's reference: T42), even though it was classified as a notable tree by Esso.

The government's guidance on Ancient woodland, ancient trees and veteran trees<sup>12</sup> states:

'Direct impacts of development on ancient woodland or ancient and veteran trees include:

- damaging or destroying all or part of them (including their soils, ground flora or fungi)
- damaging roots and understorey (all the vegetation under the taller trees)
- damaging or compacting soil around the tree roots'

Now that the 'Fairy Tree' is classified as a veteran tree, we expect the maximum care to be taken in its vicinity. This means that we expect mitigation B1 to be used (15 metre buffer). During the ISH, Esso suggested that B3 (hand digging) would be used but we believe the risk of damage to the tree is too great if this is done.

Our concerns and request to use mitigation B1 also apply to the other veteran tree in the park.

#### 4.1.3. Appendix 10.2 Schedule of Notable Trees<sup>13</sup>

We acknowledge that the Schedule of Notable Trees has been updated in response to RR-102 and Written Question QE.1.4. The co-ordinates of all the tree groups in Table 1.3 of the schedule now seem to be correct.

Unfortunately the contents of this document are still inadequate in the light of the work we have done to catalogue and register Notable and Veteran trees within the park. We suggest that Table 1.2 should be updated to include all Notable and Veteran trees within the park which are listed in the Woodland Trust's Ancient Tree Inventory.

Having updated the Schedule of Notable Trees, Esso should use this information to plan their works within the park to avoid the root protection areas of all Notable and Veteran Trees.

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<sup>11</sup> Technical Note: Ancient Woodland and Veteran Trees Revision No. 1.0 November 2019 (<https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000836-8.15%20Technical%20Note%20Ancient%20Woodland%20and%20Veteran%20Trees.pdf>)

<sup>12</sup> <https://www.gov.uk/guidance/ancient-woodland-and-veteran-trees-protection-surveys-licences#ancient-and-veteran-trees>

<sup>13</sup> Appendix 10.2 Schedule of Notable Trees Revision No. 2.0 November 2019 (<https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000783-6.4%20Appendix%2010.2%20Schedule%20of%20Notable%20Trees.pdf>)

#### 4.1.4. Esso's Response to the Examining Authority's First Written Questions Turf Hill (TH)<sup>14</sup>

In their response to TH.1.4, item 1.2, Esso states:

'Clearing space for such stringing areas in Turf Hill would take away the project's ability to navigate working areas around select trees. [...] this would also remove the flexibility to navigate around and therefore preserve specific trees.'

This contradicts verbal statements made by Esso in the Issue Specific Hearing and on various other occasions. For example, Rushmoor Borough Councillors have been told during meetings that it would be possible to string the pipes out 'between the trees'.

If the statement in item 1.2 is true, this means that the plan for stringing out in QEP would entail the removal of a complete 5m strip of trees through the very middle of the park to clear this space. It also brings into question their ability to preserve any veteran or notable trees in the route.

#### 4.1.5. Comments About Opening Up the Park

During the Issue Specific Hearings, Esso reiterated the comment that Rushmoor Borough Council supported 'opening up the park' by removing trees.

The council's comment about 'opening up the park' has nothing to do with tree removal. The comment refers only to clearing rhododendrons to open up the understorey.

This statement has been misrepresented on numerous occasions by Esso to mean removing trees. There has never been any desire or intention to open up the park by removing trees.

An example of where Rushmoor Borough Council's statement is used is in the Planning Statement<sup>15</sup>, section 16.4.29:

'...Rushmoor Borough Council have indicated that the removal of the dense canopy over the path will be welcome and will make the park more inviting for users....'

Whilst this statement is not contained within a Deadline 2 submission, we feel that this misrepresentation must be addressed and the record must be put straight.

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<sup>14</sup> Response to the Examining Authority's First Written Questions Turf Hill (TH) Revision No. 1.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000824-8.6.11%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Turf%20Hill%20\(TH\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000824-8.6.11%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Turf%20Hill%20(TH).pdf))

<sup>15</sup> Planning Statement Revision No. 1.0 May 2019 (<https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000255-7.1%20Planning%20Statement.pdf>)

We are also deeply frustrated that the removal of trees from the park is being presented by Esso as ‘woodland management’. There is no woodland management scheme in the park which calls for the creation of ‘rides’ or widening the area around the path. Esso are attempting to present their works as being beneficial to the park when they are not.

## 4.2. Auger Boring Under the A325

### 4.2.1. Esso’s Response to the Examining Authority's First Written Questions Landscape and Visual (LV) (2 of 2)<sup>16</sup>

We note that sheet 42 shows that the narrow working area which is committed to in NW17 does not extend all the way across the park. It stops at the site of the auger boring pit.

In the response to Written Question QE.1.3<sup>17</sup>, item 1.2, Esso states:

‘the working width would be reduced through Queen Elizabeth Park’

In the response to Written Question QE.1.5, item 1.4, Esso states:

‘The Applicant has made a commitment to narrow working through the park’

Both of these responses refer to narrow working commitment NW17. These answers are misrepresentative because the narrow working commitment does not extend ‘through the park’. It stops at a point where different construction techniques are needed and pays no regard to the fact that the tree cover in that area is the same as the rest of the park.

We also note that during the Accompanied Site Inspection, Esso did not mark out the wider working width of the auger boring area. The marker was placed in the ground before the start of the auger boring area and showed the 30 metre Order Limits. The Order Limits in the auger boring area are significantly wider than 30 metres.

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<sup>16</sup> Response to the Examining Authority's First Written Questions Landscape and Visual (LV) (2 of 2) Revision No. 1.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000821-8.6.08%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Landscape%20and%20Visual%20\(LV\)\(2of2\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000821-8.6.08%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Landscape%20and%20Visual%20(LV)(2of2).pdf))

<sup>17</sup> Response to the Examining Authority's First Written Questions Queen Elizabeth Country Park (QE) Revision No. 1.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000823-8.6.10%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Queen%20Elizabeth%20Country%20Park%20\(QE\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000823-8.6.10%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Queen%20Elizabeth%20Country%20Park%20(QE).pdf))

## 4.2.2. Runnymede Borough Council's Response to the Examining Authority's First Written Questions<sup>18</sup>

In their response to DCO.1.15, Runnymede Borough Council note that:

'Part 3 Article 14 of the draft DCO... would [potentially] authorise substantial works by way of the creation of new site accesses for construction traffic... [which could] result in the loss of hedgerows, trees and other vegetation (pursuant to the power in Article 41) with (unassessed) biodiversity and landscape/visual impact issues.'

Esso stated in the ISH and the Accompanied Site Inspection that the access to the Auger Boring Pit will be from Farnborough Road. There is currently no vehicular access to this area of the park. The access required is not shown on any of the submitted plans.

We believe that if the A325 auger boring pit is not accessed via the park, Esso will need to create a new access route into the park from the A325 and that the intention is to access the pit through a 'new site access' using the process identified in Runnymede's response.

Currently the only access near the proposed auger boring pit is a shared footpath and cycle path. There is no direct access for vehicles from the A325. The road is separated from the park by a footpath and cycle path. There are bollards at regular intervals and there is no dropped kerb.

Creating access for vehicles, boring equipment and materials at this point will require extensive street works and removal of trees within the park.

It seems unlikely that this is a credible option, and given that Esso has stated that the park will not be used as access, the actual access location for the auger boring pit needs to be confirmed and detailed.

## 4.3. Play Area

### 4.3.1. Code of Construction Practice<sup>19</sup>

OP05 Describes the commitment to reinstate the Cabrol Road play area:

'In recognition that the existing neighbourhood equipped area for play (NEAP) at Queen Elizabeth Park will be impacted by the pipeline construction, the project will reinstate the existing NEAP as soon as practicable after construction (G94). The project will seek to provide an alternative NEAP for use while the existing

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<sup>18</sup> Runnymede Borough Council's Response to the Examining Authority's first written questions ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000879-RUNNYMEDE%20BC%20response%20to%20FWQ%2014.11.19%20\(002\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000879-RUNNYMEDE%20BC%20response%20to%20FWQ%2014.11.19%20(002).pdf))

<sup>19</sup> Code of Construction Practice (tracked change) Revision No. 2.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000785-6.4%20Appendix%2016.1%20Code%20of%20Construction%20Practice%20\(tracked%20change\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000785-6.4%20Appendix%2016.1%20Code%20of%20Construction%20Practice%20(tracked%20change).pdf))



NEAP is out of commission. The alternative NEAP ~~will~~would either be provided by the project within the Order LimitLimits in the vicinity of the existing NEAP on land belonging to Rushmoor Borough Council or ~~will~~would be provided in collaboration with Rushmoor Borough Council in accordance with the details agreed (OP06).'

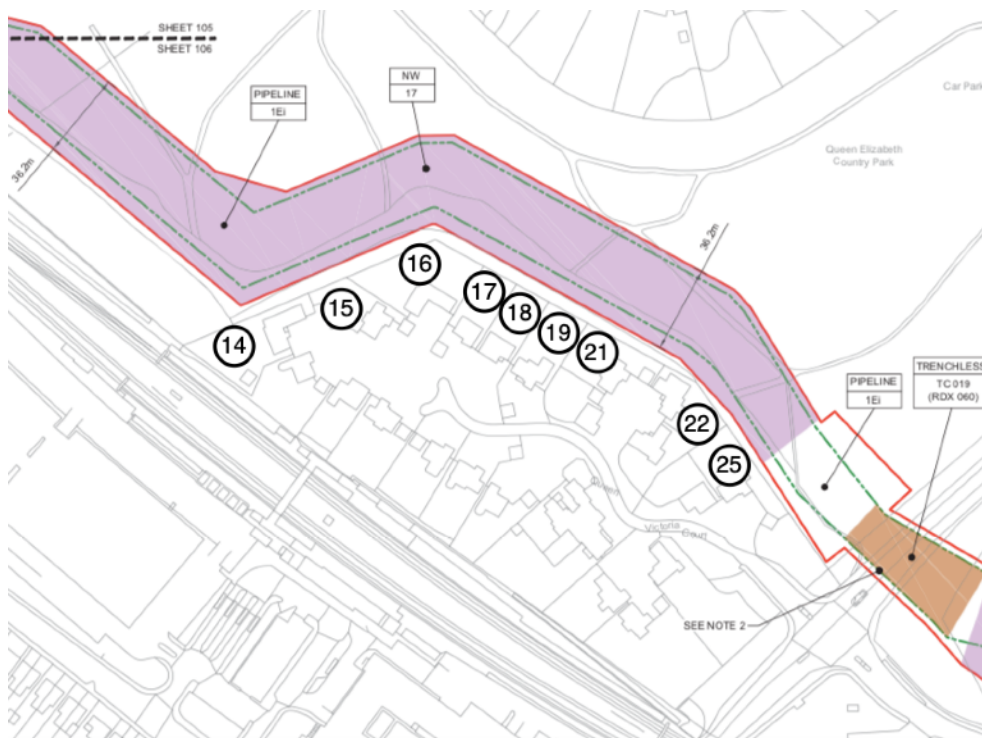
We note that all occurrences of 'will' in this paragraph have been changed to 'would', which significantly weakens the commitment.

## 4.4. Noise and Disturbance

### 4.4.1. Appendix 13.1 Noise and Vibration Technical Note Addendum<sup>20</sup>

Table 1.8 lists the addresses with potential to be affected by construction noise. We do not think this list is complete because it omits some addresses which will be severely affected by the noise of installation works.

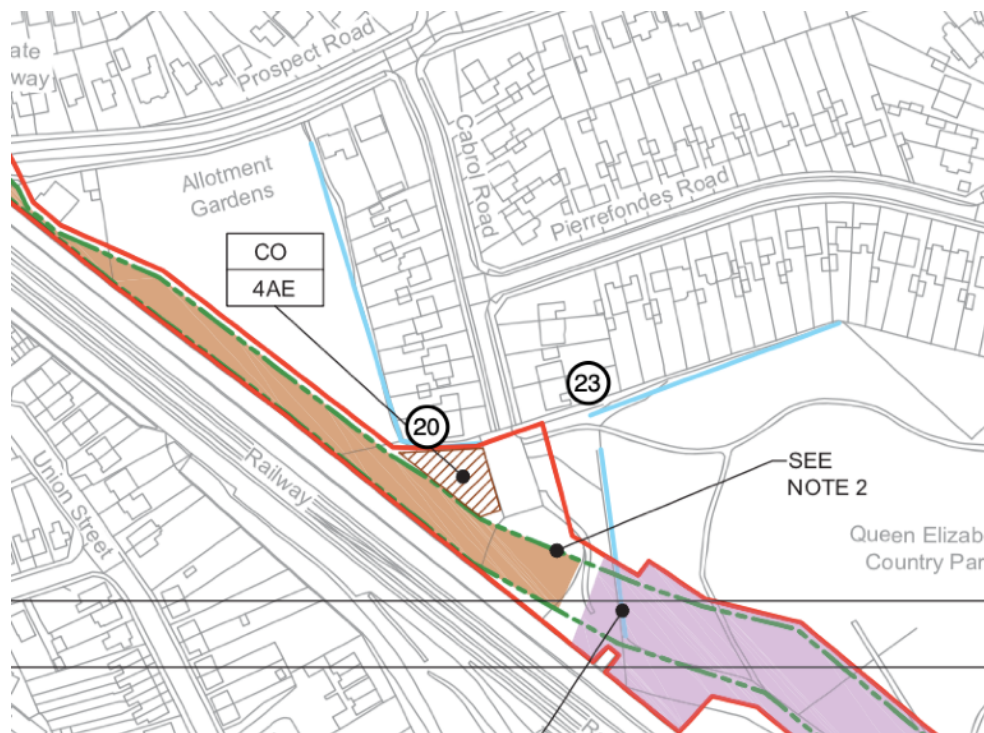
The Order Limits touch the boundary of 22 Queen Victoria Court so this property should be included in the affected list. However all other houses in Queen Victoria Court with gardens bordering the park have potential to be significantly adversely affected by construction noise. Of these, numbers 14, 21 and 25 are closest to the order limits.



Extract from General Arrangement Plans, sheet 106 with house numbers shown.

<sup>20</sup> Appendix 13.1 Noise and Vibration Technical Note Addendum Revision No. 1.0 November 2019 (<https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000835-8.14%20Appendix%2013.3%20Noise%20and%20Vibration%20Technical%20note%20Addendum.pdf>)

In Cabrol Road, the boundaries of numbers 20 and 23 border the Order Limits. The boundary of number 20 directly adjoins the proposed construction compound and so its residents are likely to experience significant disturbance from the activities within it.



Extract from General Arrangement Plans, sheet 34, with house numbers shown.

#### 4.4.2. Code of Construction Practice<sup>21</sup>

G107 lists all the locations where temporary noise screening would be installed. The complete list is:

- Nash Close and Cove Road, Farnborough, Hampshire.
- Burdock Close and Blackthorn Drive, Lightwater, Surrey.
- Canford Drive, Roakes Avenue, Chertsey Road and Addlestone Moor, Addlestone, Surrey.
- Station Road and Station Approach, Ashford, Surrey.

Furthermore, G107 states that screening will not be installed at these locations if a survey concludes there will not be 'significant noise impact'. We agree with the view expressed by Richard Turney (Rushmoor Borough Council Barrister) during the ISH that the assessment of 'significant' is too high, and that a more sympathetic level of noise and disruption needs to be used.

<sup>21</sup> Code of Construction Practice (tracked change) Revision No. 2.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000785-6.4%20Appendix%2016.1%20Code%20of%20Construction%20Practice%20\(tracked%20change\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000785-6.4%20Appendix%2016.1%20Code%20of%20Construction%20Practice%20(tracked%20change).pdf))

We believe that effective acoustic screening should be used throughout Queen Elizabeth Park and alongside the houses in Cabrol Road, due to the proximity of the order limits to adjacent houses. Both sides of the Order Limits should be screened because some houses in Pierrefondes Avenue could also be adversely affected.

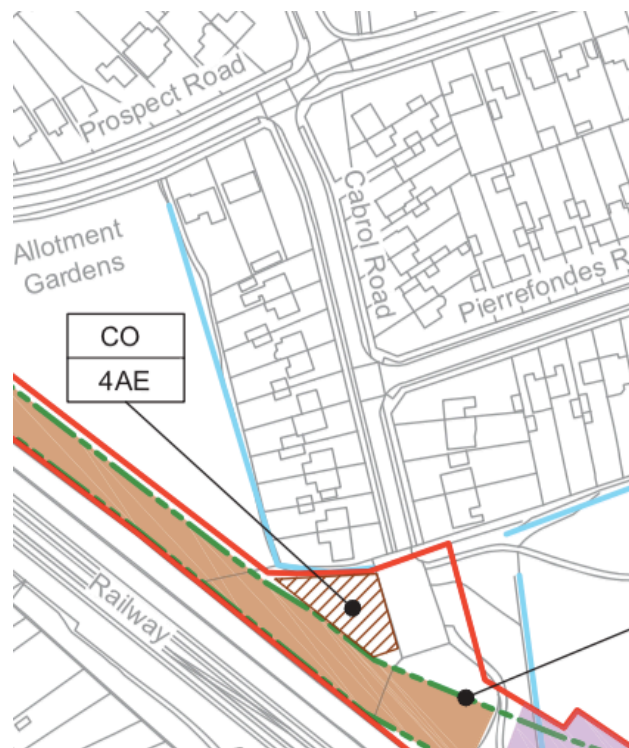
If HDD were used within the park, the areas requiring noise screening would be much smaller.

#### 4.4.3. Esso's Response to the Examining Authority's First Written Questions Traffic and Transport (TT)<sup>22</sup>

Esso's response to TT.1.17, item 1.7, states that Cabrol Road is within the Order Limits:

'In relation to the specific roads listed, they are all within the Order Limits.'

Neither Cabrol Road, nor any house or garden on it are within the Order Limits.



The Order Limits border Cabrol Road, but do not contain it

In the same section, Esso also say:

'Cabrol Road – Residential road with restricted on-street parking on one side and double yellow lines on the other side. This is a narrow road with free parking at the far end at Queen Elizabeth Park.'

<sup>22</sup> Response to the Examining Authority's First Written Questions Traffic and Transport (TT) ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000827-8.6.14%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Traffic%20and%20Transport%20\(TT\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000827-8.6.14%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20Traffic%20and%20Transport%20(TT).pdf))

In this context we understand that Esso are claiming that the car park will be available for visitors to the park to use during the works, even though it has been stated that it will be closed and used as part of the construction compound. We believe that listing the car park in this context misrepresents its availability.

The description of Cabrol Road as 'narrow' is correct, which we believe makes it unsuitable to use as an access route to a construction compound. Access to Cabrol Road itself (via Prospect Road) is also unsuitable for large vehicles. To the south is a low, narrow bridge carrying the main railway line to Waterloo. To the north is a roundabout with central traffic islands on each approach road. The road network in the area is designed to slow traffic by introducing obstacles and width restrictions.

## **4.5. Easement and Post Installation**

### **4.5.1. Esso's Response to the Examining Authority's First Written Questions General Questions (GQ)<sup>23</sup>**

In their response to GQ.1.21, Esso state that they need to keep separation between the existing pipelines and the new ones. The implication is that the new pipeline will not be installed within the 6 metre easement of the existing pipelines.

We are extremely concerned that this will lead to an excessively large area of combined easements in the park - potentially over 12 metres wide.

We note that the two existing pipelines were installed at different times - the first in 1964 and the second in 1970-1972. It seems that the second pipeline is installed within the easement of the first one (in any case, closer than 3 metres), so we see no reason why the proposed pipeline cannot be installed within the easement of the first two.

A total combined easement of 12 metres within Queen Elizabeth Park is simply unacceptable.

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<sup>23</sup> Response to the Examining Authority's First Written Questions General Questions (GQ) Revision No. 1.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000814-8.6.02%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20General%20Questions%20\(GQ\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000814-8.6.02%20Response%20to%20the%20ExA's%20First%20Written%20Questions%20-%20General%20Questions%20(GQ).pdf))

## 4.5.2. Draft DCO<sup>24</sup>

Part 2 (Principal Powers) item 4: Maintenance of authorised development states:

~~'Paragraph (1) does not authorise diversion of the authorised development...~~

~~'(e) which would give rise to any materially new or materially worse adverse environmental effects from those reported in the environmental statement.'~~

Item (c) has been removed.

We question why this has been removed. We are concerned that this allows potentially destructive work to be performed long after the pipeline has been installed and gives more freedom to remove trees than the original installation permits.

## 4.5.3. Explanatory Memorandum<sup>25</sup>

Item 6.21 states:

~~'This provision adapts article 3 of the GMP and authorises Esso to maintain the proposed development. "Maintain" is defined in article 2(1) as including to "to inspect, repair, test, cleanse, adjust, alter, divert, renew or re-lay, improve, landscape, preserve, make safe, dismantle, remove, clear, reconstruct, refurbish, replace, demolish, abandon or decommission", which affords the flexibility required to enable Esso to respond to the range of maintenance activities that may need to be undertaken during the lifetime of the proposed development.'~~

We are concerned that the flexibility offered within the definition of maintain means that Esso may return to the park and remove more trees within the order limits at any time in the lifetime of the pipeline, with no notice, consultation or approval.

The trees within the order limits will never be safe.

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<sup>24</sup> Draft Development Consent Order (tracked change) Revision No. 3.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000777-3.1%20Draft%20Development%20Consent%20Order%20\(tracked%20change\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000777-3.1%20Draft%20Development%20Consent%20Order%20(tracked%20change).pdf))

<sup>25</sup> Explanatory Memorandum (clean) Revision No. 3.0 November 2019 ([https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000779-3.2%20Explanatory%20Memorandum%20\(clean\).pdf](https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/EN070005/EN070005-000779-3.2%20Explanatory%20Memorandum%20(clean).pdf))

## A. Notable and Veteran Trees

### A.1. List of Notable and Veteran Trees Identified so Far

In this table, the 'No.' column is the number we have assigned the tree in our survey. Trees which have been accepted by the Woodland Trust into their Ancient Tree Inventory are indicated with their ATI reference number. The ATI Status column shows whether a tree is formally classified as Veteran (V) or Notable (N).

Trees 1A to 11 were listed in our Deadline 2 Written Representation. Trees 12 to 48 have been catalogued since that time.

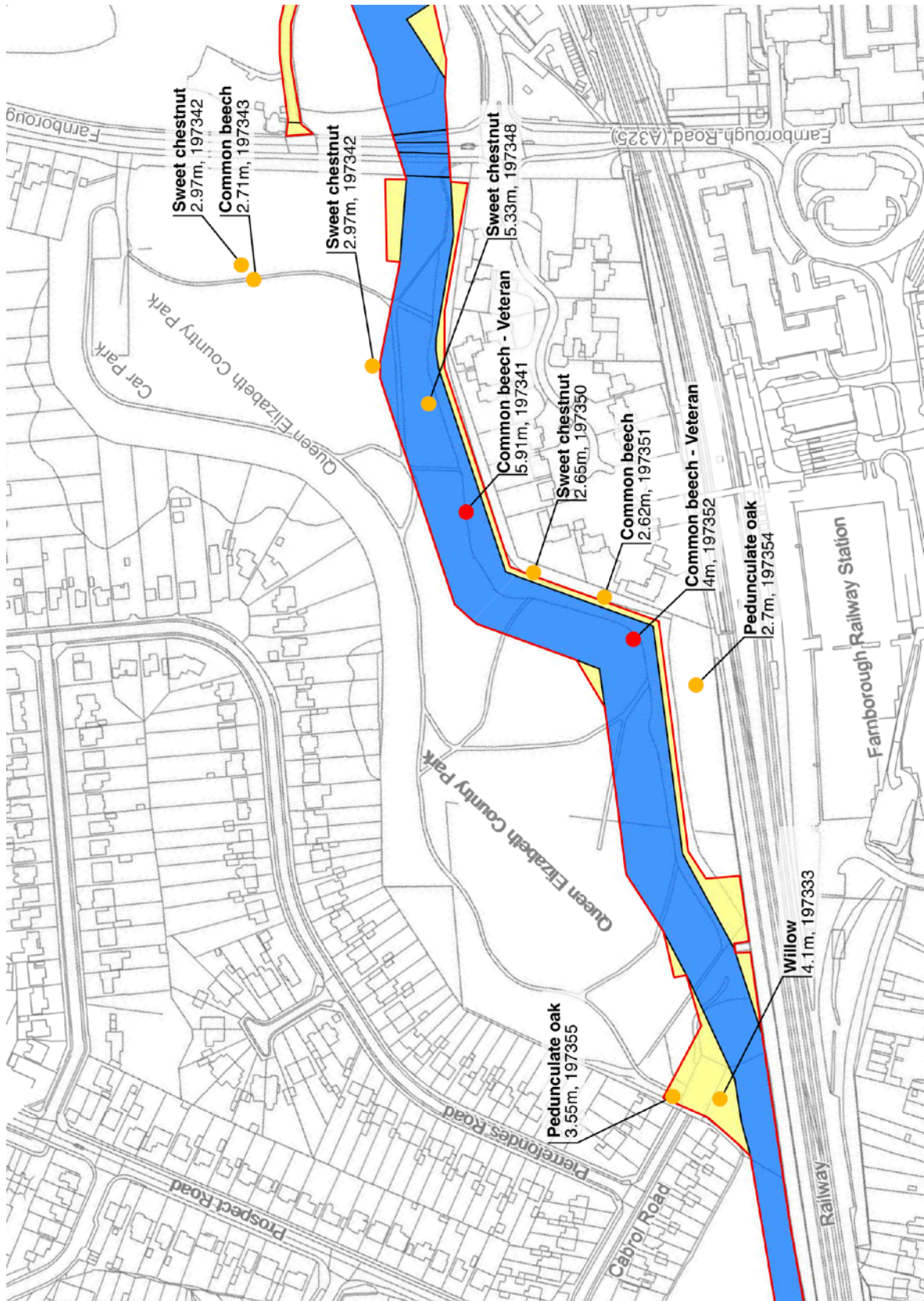
No.	Grid ref.	ATI ref.	ATI Status	Species	Girth ...	...at height	Comments
1A	SU8694156303	197342	N	Sweet Chestnut	2.97	1.5	Joined with 1B
1B	SU86945630	197343	N	Beech	2.71	1.5	Joined with 1A
2	SU8688956226	197346	N	Sweet Chestnut	4.05	1.5	Multi stem
3	SU86875619	197348	N	Sweet Chestnut	5.33	0.5	Multi stem
4	SU8681356177	197341	V	Beech	5.91	1.5	T42
5	SU8676556119	197350	N	Sweet Chestnut	2.65	1.5	
6	SU8675456083	197351	N	Beech	2.62	1.5	
7	SU8675356087	197352	V	Beech	4.00	1.5	Pollarded
8	SU8673056080	197353	N	Sweet Chestnut	3.97	1.5	Multi stem
9	SU8670856032	197354	N	Oak	2.7	1.5	
10	SU8648956023	197333	N	Willow	4.10	1.0	
11	SU8648756053	197355	N	Oak	3.55	1.5	
12	SU8647656039	198024	N	Oak	2.57	1.5	
13	SU86475602			Willow	4.65	1.5	
14	SU86475602			Unknown	2.1	1.5	
15	SU86455601			Willow	4.73	1.5	
16	SU86465600			Willow	4.27	1.5	
17	SU86505603			Oak	4.14	1.5	Multi stem
18	SU86515604			Oak	2.05	1.5	
19	SU8652956055	198040	N	Oak	2.97	1.5	Multi stem
20	SU86545604			Oak	2.03	1.5	
21	SU8654856010	198042	N	Oak	2.59	1.5	



No.	Grid ref.	ATI ref.	ATI Status	Species	Girth ...	...at height	Comments
22	SU86585601			Oak	1.97	1.5	
23	SU86585601			Oak	2.09	1.5	
24	SU8660356022	198045	N	Beech	2.32	1.5	
25	SU86635607	198046	N	Beech	3.05	1.5	Coppice
26	SU86645607			Oak	2.21	1.5	
27	SU8664656082	198048	N	Sweet chestnut	3.1	0.58	Multi stem
28	SU8663656088	198049	N	Beech	2.07	1.5	
29	SU8666256064	198050	N	Scots pine	2.14	1.5	
30	SU86665608			Sweet chestnut	2.48	1.5	
31	SU8673156050	198052	N	Sweet chestnut	3.76	1.5	Multi stem
32	SU86745610			Oak	1.83	1.5	
33	SU86755608			Beech	2.51	1.5	
34	SU8674456119	198055	N	Beech	3.16	1.5	
35	SU8676556133	198056	N	Beech	3.3	0.35	Multi stem
36	SU8675956145	198057	N	Beech	3.33	0.56	Multi stem
37	SU8671256124	198058	N	Beech	2.6	1.5	
38	SU8677556140	198060	N	Beech	2.31	1.5	
39	SU8678456155	198061	N	Beech	2.8	0.58	Multi stem
40	SU8678756180	198062	N	Beech	4.85	1.5	Multi stem
41	SU8679256180	198063	N	Beech	2.37	1.5	
42	SU86955618			Maple	1.63	1.5	
43	SU8696856174	198065	N	Oak	3.19	1.5	
44	SU8651556074	198066	N	Oak	3.44	1.5	Coppice
45	SU8694556187	198138	N	Oak	2.91	1.5	
46	SU8697456201	198139	N	Beech	3.03	1.5	
47	SU8698556193	198144	N	Beech	2.92	1.5	
48	SU86975621			Beech	2.57	1.5	

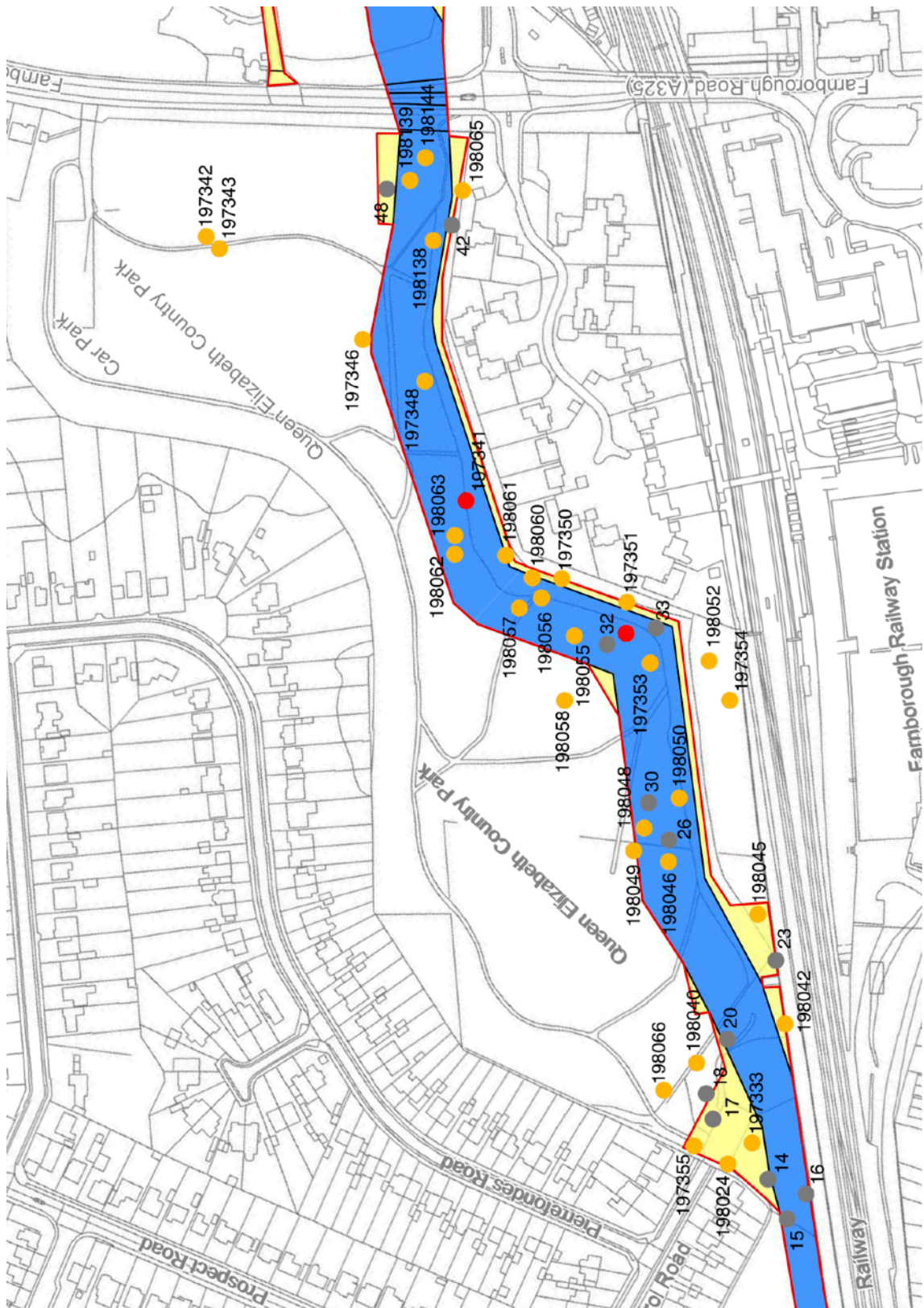
## A.2. Tree Map as Used at Accompanied Site Inspection

This map shows the locations of trees 1A to 11 in relation to the Order Limits and was used during the Accompanied Site Inspection on 26th November. It is now superseded by the map in section A.3.



### A.3. Latest Tree Map

This map shows the locations of all trees in the table in section A.1. Numbers show the ATI reference where a tree is on the Woodland Trust's Ancient Tree Inventory. Trees not in the ATI are shown with our own reference number.



- Veteran Tree
- Notable Tree
- Unclassified Tree