

Your Ref: 2022/1285

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To Whom It May Concern

## Station Road, Wombwell- Arboricultural Consultancy Services

Thank you for asking Enzygo Ltd. to prepare an Addendum to the “Phase 2 Pre-development Arboricultural Report” for “Land north of Station Road, Wombwell” as prepared by Ian Kennedy of Wharnccliffe Trees and Woodland Consultancy on 28<sup>th</sup> October 2019, in accordance with British Standard (BS) 5837 “Trees in relation to design, demolition and construction”(2012).

The site is an existing brownfield site. It is broadly triangular, with its southern tip being the Station Road entrance from which it’s widening and stretching approximately 300m northwest, to an approximately 180m wide boundary along the River Dove. It comprises rough grassland, over uneven, in some areas mounded ground and existing hardstanding. Tree cover is largely limited to the site’s boundaries.

The purpose of this addendum is to highlight any significant changes with regard to arboricultural features on site, approximately three years since the Ian Kennedy report was submitted. It will also investigate how new site layout proposals for open storage are likely to affect those features.

The basis of this addendum is a walk-over survey conducted by Verena Meyer, Principal Arboriculturist at Enzygo Ltd., on Tuesday 24<sup>th</sup> January, 9am. The tree stock on site was checked against the Ian Kennedy survey, with significant changes or additional comments highlighted below.

### **2019 Arboricultural Survey**

The 2019 survey recorded 23 arboricultural features, which were 12 individual trees and eleven groups. They comprised mainly native and naturalised species including goat willow, silver birch, hawthorn, ash and poplar, all likely species on this existing brownfield site. Due to their young age and limited landscape contribution, as well as poor or overgrown condition led to the assessment that the majority of features should be awarded BS 5837 retention category C (low value), with the exception of group 17 which forms the eastern boundary of a larger woodland along the River Dove in the North-West.

### **2023 Site visit**

The following observations were made during the site visit:

Ref	Comments
	<b>Existing trees</b>
1	<b>Boundary group originally comprised 3 goat willow and one silver birch, only 2 goat willow remain</b>
2	<b>Group existing as before, but all pollarded to 3-4m height, with abundant re-growth. Likely to require repeated pollarding on a 3 year cycle to maintain structural integrity in the long-term.</b>

4	Described as one hawthorn but appears to be two trees of similar age, quality and condition
7	Group as described, but add that it's located on a mound and has a dense hazel/hawthorn/blackthorn understorey
8	This tree seems to be located further North than shown on the plan, closer to 9 than 6.
16	This group, described as "young mature", does no longer exist. Instead, a group of large mature and overmature trees (described below as 26) was recorded
18	This group, described as young group of alder and goat willow, no longer exists.
23	Small group of elder no longer exists.
<b>New/additional trees</b>	
24	Small alder ( <i>Alnus glutinosa</i> ) adjacent to existing site entrance, probably too small to record during the 2019 survey. 10cm stem diameter, 2.5m high, 1m canopy spread. Low overall value. RPA to be 1.2m radius.
25	Mature <i>Leylandii</i> hedge located outside the site boundary, 7 trees planted at 2m centres. Along the back of gardens for 31- 39 Stonyford Road in the East. Up to 15m tall, 200mm stem diameter (requiring a RPA of 2.4m)
26	Three large trees between site boundary and River Dove embankment in the North, roughly north-west of the now missing group 16. No access for detailed inspection or measurements. All multi-stemmed, with estimated combined stem diameter of 900mm, therefore a 10m RPA should be applied (i.e. 10m buffer from north-western boundary).

To summarise the findings:

- Two offsite mature groups (25 and 26) were added to fully comply with BS 5837 (2012) which requires all trees within 15m from the site boundary (i.e. within influence of the site) to be recorded.
- Groups 16, 18 and 23 no longer exist.
- All other changes are considered insignificant for the purpose of the development proposals.

### **Arboricultural Impact Assessment**

The 2019 Arboricultural Report by Ian Kennedy included an assessment of the impact of a proposed residential development would have on the existing trees and tree groups on site.

The current proposals, however, are for open storage, with the operational site entrance via the adjacent commercial site in the West and the existing had standing in the North-West of the site. Site security fencing is proposed around the site. An overlay of the 2019 survey and the open storage proposals is shown below.



As the above diagram shows, it is not expected that the arboricultural impact would change significantly from the 2019 housing proposals to the 2023 open storage development.

- Group 2 requires full removal.
- The western edge of group 7 will need to be removed to facilitate the creation of even storage space for plots 3 and 4, probably all of group 7 if the entire mound is to be levelled for the development.
- There is no longer an impact on 16, 18 and 23 as these groups no longer exist.

The following recommendations for the final site layout are made:

- Although a minor tree, it is recommended to retain and protect tree 24 in the south-eastern corner of Plot 5 as it has the potential to become a valuable street tree on Station Road in the future.
- A 10m buffer is created along the north-western boundary to allow for a 10m estimated RPA for large riverside trees in feature 26 (ash and willow). This is only needed for Plot 1 as this is the only plot influenced by feature 26.

We trust that you find our proposals to your satisfaction; however, if you require any further information or clarification, please do not hesitate to contact me on **+44 [0] 114 321 5151**.

Yours sincerely  
*For Enzygo Limited*



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Principal Arboriculturist and Landscape Architect