

1a Turnlee Road Glossop

This report concerns the proposed development of two detached dwellings on the plot located along a residential road in Glossop and concerns Trees and Biodiversity

The site lies approximately 800metres south of the Town Centre in what was at one time the garden of No 1 Turnlee Road. The Plot, which is broadly triangular, is bordered to the North West by Nos 1 and 1a Turnlee Road, to the South West by Turnlee Road itself and to the East by Long Clough Brook.

TREES

This part of the report is based on, and is précis of, a previous report conducted by Matthew Lally (MAborA) FdSc .

No Veteran or Ancient Trees have been identified and No Tree Preservation Orders exist for this site.

It is the intention of the Builder/Developer to retain as many of the trees as practical, in line with the approved Planning Consent. HPK/2021/0019.

The Trees existing at the time of this report are shown and listed on drawing S/02

With Regards to Plot A the following trees will be removed

1. The Lawson Cypress Hedge that fronts Turnlee Road. This is to provide adequate site lines for access and egress to and from the site
2. A Gleditsia, a Norway Maple and Persian Hardwood. Similar to 1
3. 2 or 3 of the Lawson Cypress which lie along the bank of Long Clough Brook. Listed as “Previously topped and large areas of Xylem exposed and are all Category C2, Trees with significant structural and physiological flaws and/or extremely stressed . The removal of these poor quality trees allows construction of the detached garage and hardstandings, improves circulation on site and provides a route for surface water drainage without significant root protection measures.

With Regards to Plot B the following trees will be removed or otherwise dealt with.

1. The Leyland Cypress Hedge to the North West Boundary . This is of low value, again is Class C, restricts light and would be a potential long term maintenance problem.
2. A Laburnum, again class C, which will need to be removed as the dwelling on plot B could not be sited to avoid it
3. A large, mature Alder which grows out of the embankment to the northern end of the site is likely to have an RPA which overlaps the foot print of Plot B by approx 6% of the RPA. By using small dia piles, necessitated by ground conditions, and a small ground beam at relatively shallow depth, the potential for root damage should be minimised and this will be further ensured by having an Arboriculturist Consultant present during work in this area to advise on the treatment of any roots encountered.

A protective barrier in the form of a mesh fence, will be erected along the line of the RPA, see drawing S/03

Any hardstanding and the like which stands on top of the RPA will be provided with a base containing a Cellular Containment Tree Protection layer. See Drawing S/01

Due to the loss of the trees identified it is proposed that along with the general soft landscaping for the development, more substantial supplementary tree planting will support the application. This will have a number of benefits for the development and the character of the area giving a greater diversity of age class on the site, increasing sustainability and a greater diversity of species and therefore wildlife habitat.

1a Turnlee Road
Glossop

The trees proposed are listed in the schedule below:

Acer campestre 'William Caldwell'	12-14 cm girth
Betula pendula	12-14 cm girth
Crataegus crus-gall	12-14 cm girth
Carpinus betulus 'Frans Fontaine'	12-14 cm girth
Sorbus aucuparia	12-14 cm girth
Crataegus laevigata 'Paul's Scarlet'	12-14 cm girth

In addition a general planting scheme will be implemented in the first planting season following completion. Included will be Weigela, Hydra, Ceanothus and Prunus Serrelata

BIODIVERSITY

In order to preserve and enhance the Biodiversity throughout the site the following measures will be introduced

- Several Bird Nesting Boxes will be sited throughout the Trees
- 2 Number Bat Boxes will be installed on each new dwelling and garage
- Any wall or fence erected on the site will incorporate access to ensure that the mobility of Hedgehogs is not impended.
- Any new planting will be Insect/Bee/Butterfly friendly. In addition to the above planting scheme a variety of traditional cottage garden and wild flowers will be introduced throughout the site to encourage pollinators etc
- An insect hotel and rotting log habitat will be included