

TREE REPORT (For application for works) DATE: 17/01/2025

NB This is not a detailed hazard risk assessment and further inspections of the tree should be undertaken especially when in leaf to get a more informed view of the trees' health

SITE : TREDERWEN (OFF BRONDEG) HEOLGERRIG MERTHYR TYDFIL CF48 1TR

TREE SPECIES : Oak (*Quercus robur*)

Age Class Early Mature

Height 22m

Description ;; Single main stem that forks at 2.8m . Some evidence of historical damage to surface **roots** and some compaction within rooting area although no apparent diseased or dying roots as evidenced by firmly attached live bark at root/stem zone. Building materials stored within root zone that could lead to sand and fines being washed into ground affecting soil structure and gaseous exchange properties.



Building materials stored within rooting area (Photo 1)

Main stem appears sound at base some ridging associated with fork at 2.8m which may indicate some weakness and movement between the two stems and potential weakness (Photo 2)



End loaded limbs developing over property (Photo 3)



Viable buds apparently throughout **crown** although some sparseness to crown (Photo 4) and some large diameter dead wood present

Advised works:

Remove building materials from rooting area and de compact soils around base of tree and define edge of driveway/parking area to reduce compaction. Add 40-50mm composted bark mulch to soils within defined area

Prune tree to:

Stabilise or remove dead wood.

Shorten or remove vulnerable damage or overly end loaded limbs

Reduce overall tree by 3 – 4 m to reduce weight loading on forK in stem

Re Inspect when in leaf (July August 2025)



Illustration of Approximate extent of reduction proposed

TREE LOCATION MAP



Local authority map showing tree is protected under the conditions of a TPO (no reference number given)

Report undertaken by T A SEYMOUR BA(Hons) ND Arb

END OF REPORT