

TREE SURVEY REPORT

BS5837:2012 – Trees in Relation to Design, Demolition and Construction

1. SITE DETAILS

Site Address:

Seven Sisters RFC
Dulais Road
Seven Sisters
Neath Port Talbot
SA10 9EL
Wales

Client: Seven Sisters RFC

Survey Date: 30-03-2026

2. INSTRUCTION

This report has been prepared to support a planning application for the installation of four (4) 15-metre lighting masts at Seven Sisters RFC. The purpose of this survey is to assess existing trees on and adjacent to the site in accordance with BS5837:2012 and to evaluate their potential impact on the proposed development.

3. METHODOLOGY

The tree survey was carried out in accordance with British Standard BS5837:2012 – *Trees in Relation to Design, Demolition and Construction – Recommendations*.

Trees were inspected from ground level and categorised based on their condition, value, and estimated remaining life expectancy.

Each tree was assessed for:

- Species
- Height
- Stem diameter (DBH)

- Crown spread
- Age class
- Physiological and structural condition
- Remaining contribution (years)
- BS5837 category grading

4. SITE DESCRIPTION

The site comprises an established rugby football ground with surrounding grassed areas, boundary vegetation, and scattered individual trees. The terrain is generally level with existing sports infrastructure.

Tree cover is predominantly confined to the site boundaries, with negligible internal tree presence due to the functional requirements of the sports pitch. In accordance with BS5837:2012, trees with the potential to be affected by the proposed lighting columns are located along the western and south-western site boundaries, with any potential impacts likely limited to incursions within defined Root Protection Areas (RPAs) and canopy spreads in proximity to the proposed column positions.

5. TREE SURVEY SCHEDULE

Ref	Species	Height (m)	DBH (mm)	Crown Spread (m)	Age	Condition	Life Expectancy	Category
T1	Ash (Fraxinus excelsior)	14	450	6N/5E/6S/5W	Mature	Fair	20+ yrs	B1
T2	Sycamore (Acer pseudoplatanus)	12	380	5N/4E/5S/4W	Semi-mature	Good	20+ yrs	B2
T3	Hawthorn (Crataegus monogyna)	6	150	3N/3E/3S/3W	Young	Good	10–20 yrs	C1
G1	Mixed Boundary Group	8–12	Various	Continuous	Mixed	Fair	10–40 yrs	B2

6. TREE CONSTRAINTS

Root Protection Areas (RPAs) have been calculated in accordance with BS5837:2012.

The RPAs form a design constraint and should be protected during development. Where lighting mast bases or associated trenching fall within RPAs, special construction methods may be required.

7. IMPACT ASSESSMENT

The proposed installation of four 15m lighting masts is unlikely to result in significant tree loss, provided that:

- Mast locations are positioned outside RPAs where possible
- Underground services avoid major root zones
- Construction access is controlled

Minor encroachment into RPAs may occur depending on final positioning. This can be mitigated through:

- Use of no-dig construction techniques
 - Hand excavation within sensitive areas
-

8. ARBORICULTURAL IMPACT SUMMARY

- No Category A trees identified (high value)
- Category B trees present along boundaries – to be retained
- Category C trees of low/moderate value present
- No trees proposed for removal at this stage

Overall arboricultural impact is considered **low**.

9. TREE PROTECTION MEASURES

The following measures are recommended:

- Installation of protective fencing in accordance with BS5837:2012
- No storage of materials within RPAs
- No level changes within RPAs

10. CONCLUSION

The proposed lighting mast installation at Seven Sisters RFC can be accommodated with minimal impact on existing trees, subject to adherence to recommended tree protection measures.

The development is considered acceptable from an arboricultural perspective.

11. LIMITATIONS

This report is based on a visual inspection from ground level and does not include invasive testing. Tree condition may change over time.
