

ADC PARKS & GREENSPACE ARBORICULTURE

FROM: Dafydd Lloyd

TO: Janice Chapman

PLANNING APPLICATION: AW/312/14/HH

ADDRESS: 37 Kingsway, Craigweil estate, Aldwick.

BRIEF DESCRIPTION: Single storey side & rear extensions & carport (resubmission following AW/132/14/HH). This application affects the character and appearance of the Craigweil House Conservation Area.

INSPECTION DATE: 14/01/2015

RECOMMENDATION:Objection ☐ No Objection ☐ Split Decision ☐Comment ☒ Recommendation ☒ Suggested Conditions ☐Tree Replacement ☐ Dead/Dangerous ☐ CA & Amenity Value ☐

T1 Species: Judas *Cercis siliquastrum* **Height:** 6 meters **Average Branch Spread:** 2.5 meters **Crown Condition:** good **Form:** good **Age Class:** mature **Height to First branch:** 0.5 meters **Height and type of main unions:** 0.5 meters

As T1 identified in this report is a 'multi-stemmed' tree, the use of the Helliwell Method of calculating the RPA.

Dbh: (3 x stems, measured - 210 mm, 175 mm, 110 mm) So,
RPA: 27.5 m²

RPA Equates to a Circle with a Radius of: 2.9 meters

RPA Area Equates to a Square with sides of: 5.2 meters

RPA offset of 20%, which Equates to: 0.6 meters

T2 Species: Southern Magnolia *Magnolia grandiflora* **Height:** 4 meters **Average Branch Spread:** 1 meters **Crown Condition:** good **Form:** good **Age Class:** semi mature **Height to First branch:** 0.5 meters

As T2 identified in this report is a 'single stemmed tree' the standard RPA calculation technique can be utilised.

Dbh: 185 mm So,
RPA Area: 15.5 m²

RPA Equates to a Circle with a Radius of: 2.2 meters

RPA Area Equates to a Square with sides of: 3.9 meters

RPA offset of 20%, which Equates to: 0.4 meters

Comments:

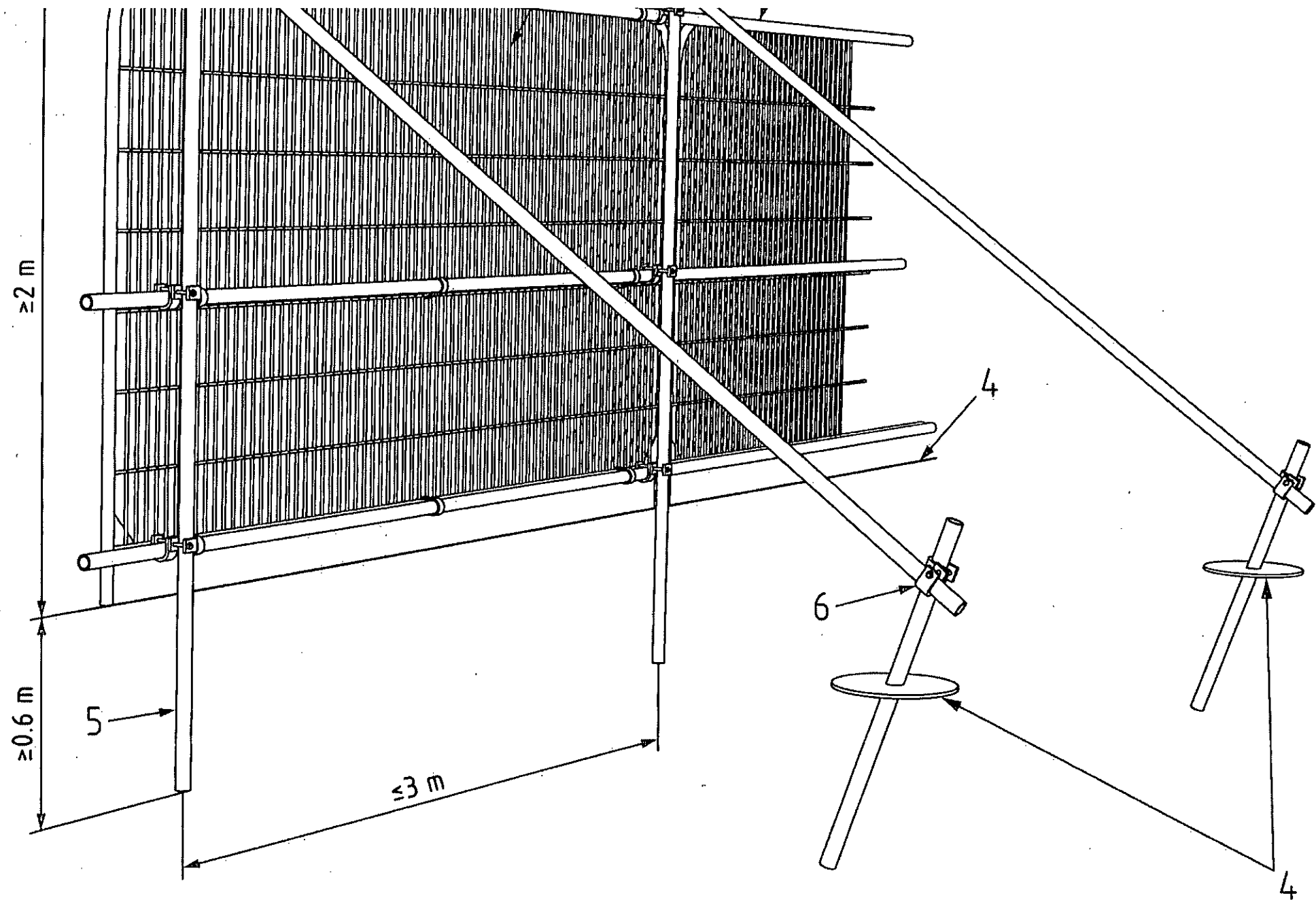
- The highlighted application has stated the desire to build Single storey side & rear extensions & carport at 37 Kingsway.
- Both T1 and T2 are situated abutting the western boundary of No.39 in a porous 'border' area. The surface on No.37's side is a non-porous layer, which would suggest the given root systems have the main part of their structure/mass located within this porous area (to maximise the ability to access water/nutrients etc.). This would therefore suggest the lateral root development is spanning to the northerly direction and to the southerly direction (as the porous border extends in these directions).
- The trees listed in this application are not subject to a TPO orders, but are situated within the Craigweil estate conservation area. As part of the site visit, both T1 and T2 were assessed for TPO suitability. Due to the age/presence, relative public visibility, and other factors not 'scoring' high enough on the TPO template, T1 and T2 were considered not suitable for TPO orders at this time.
- The submitted application has failed to address or acknowledge any potential conflict with this development and any surrounding trees. It is apparent that this development could interfere with T1 and T2, as both trees are standing within 1 meter of the boundary to No 37, and the proposed development appears to be requesting to construct up to the boundary line between 37/39.
- As stated previously, the calculated Dbh of T1 would be 27.5 m2, which equates to circle with a radius of 2.9 meters. From the submitted plans, it does appear the proposed development will include excavating/construction within the RPA of T1.
- As stated previously, the calculated Dbh of T2 would be 15.5 m2, which equates to circle with a radius of 2.2 meters. From the submitted plans, it does appear the proposed development will include excavating/construction within the RPA of T2.
- To meet the standards set by the BS 5837:2012, the applicant would have to submit with an application;
- **Tree Survey & Constraints Plan**
- **Tree Retentions and Removals Plan**
- **Tree Protection Plan**

Recommendation:

- The submitted application has failed to meet the criteria set by the BS 5837:2012 - *Trees in relation to construction*. **The application, if approved, should be the subject of a condition as per BS 5837:2012 for this proposed operation.**

- To meet the BS 5837:2012 standard, the applicant must use of static fencing, which must be erected before the construction process begins, and must be left unadulterated until the project has finished. An attached diagram illustrates the standard of fencing that is required to meet the BS 5837:2012.

Dafydd Lloyd
Arun District Council
Tree Officer



Key

1 Standard scaffold poles

2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels