



# ARBORICULTURAL IMPACT ASSESSMENT

**SITE REF**

26 Prince Edward Crescent,  
Radcliffe on-Trent,  
Nottingham,  
NG12 2DX

**ISSUE DATE**

02.11.2023

**SEED REF**

[1557-AIA-V1-A]

**CLIENT**

AM2 Architects

ARBORICULTURAL CONSULTANCY

[SEED-ARB.CO.UK](http://SEED-ARB.CO.UK)

## OVERVIEW

SEED Arboriculture Ltd were commissioned to prepare an Arboricultural Impact Assessment in relation to the Proposed Development at 26 Prince Edward Crescent, Radcliffe on-Trent, Nottingham, NG12 2DX hereafter referred to as the 'Proposed Development'.

The Proposed Development comprises of a “*previously approved bungalow 21/01850/FUL to be moved on site to not impact the existing sewer as per the request of Severn Trent water.*”

## SURVEY APPROACH

**BS5837:2012 Tree Survey:** A survey was undertaken of all trees and groups of trees within influencing distance of the red-line boundary in accordance with the recommendations of BS5837:2012.

## SURVEY SUMMARY

The survey recorded a total of one tree on site. T1 (Willow)- mature specimen, has been heavily pollarded and has decay around structural limbs and pollard heads.

## IMPACT ASSESSMENT

In order to implement the Proposed Development, the removal of T1 (Willow) will be required.

The removal of T1 is unavoidable due to the location of an existing sewer. Diverting the sewer has been explored however, based on correspondence with Severn Trent Water it has been confirmed that this is not possible.

Please see the Arboricultural Impact Plan (AIP) at Appendix 2 for details.

## RECOMMENDATIONS

To mitigate for the loss of T1, it is proposed that tree planting will take place on site. Please refer to the AIP at Appendix 1 for proposed planting locations.

## TREE PLANTING

Subject to approval it is proposed 2 x heavy standard (12-14cm) girth Crab Apple (*Malus x Robusta*) “*red sentinel*” and 1x extra heavy standard (14-16cm girth) Himalayan Birch (*Betula utilis* Var. *Jacquemontii*) will be planted.

It is proposed that all tree planting includes- Tree staking: Double stake 75mm diameter round posts min. 1700mm length, driven min. 300mm through bottom of tree pits. Cross-member 100x25mm softwood board approx. 1000mm length. fixed using galvanised nails. Tree secured using expanding rubber belt and flatpack pad, as specified. All planting methodology should be compliant with BS3998:2010.

The guidance of BS8545:2014 will be followed in relation to the aftercare of the trees to be planted. This will include amongst general irrigation, formative pruning: A formal assessment of young tree health and development should be carried out annually. This assessment should include foliar appearance (i.e. lack of leaf chlorosis and/or necrosis), leaf size and leaf canopy density, extension growth and incremental girth development. Continual assessment on an ad hoc basis should be carried out throughout the year, to inform maintenance requirements.



All stakes and ties should be checked at least annually to ensure that the root system remains stable and firm in the ground, and that ties are still effective and not causing any damage to the tree. Any stakes and ties that are found to be not fit for purpose should be adjusted, replaced, or removed.

### CAVEATS & LIMITATIONS

- The report is for the sole use of the client and its reproduction or use by anyone else is forbidden unless written consent is given by the author.
- This is an arboricultural report and as such no reliance should be given to comments relating to buildings, engineering, soils, ecological or archaeological data. If either is commented upon within the report further professional advice should be sought.
- All tree inspections were undertaken from ground level and no climbing inspections were undertaken.
- This is not a Tree Risk Assessment. As such this report should not be taken to mean or imply that any of the inspected trees should be considered safe. A Tree Risk Assessment can be provided but would be subject to additional survey requirement and further fees.
- Trees are growing dynamic structures. Whilst reasonable effort has been made to identify defects within the trees inspected, no guarantee can be given as to the absolute safety or otherwise of any individual tree. No tree is ever absolutely safe due to the unpredictable laws and forces of nature. As a result of this, natural failure of intact trees will occur; extreme climatic conditions can cause damage to even apparently healthy trees.

Kind Regards,

A handwritten signature in black ink that reads "S. Selwyn".

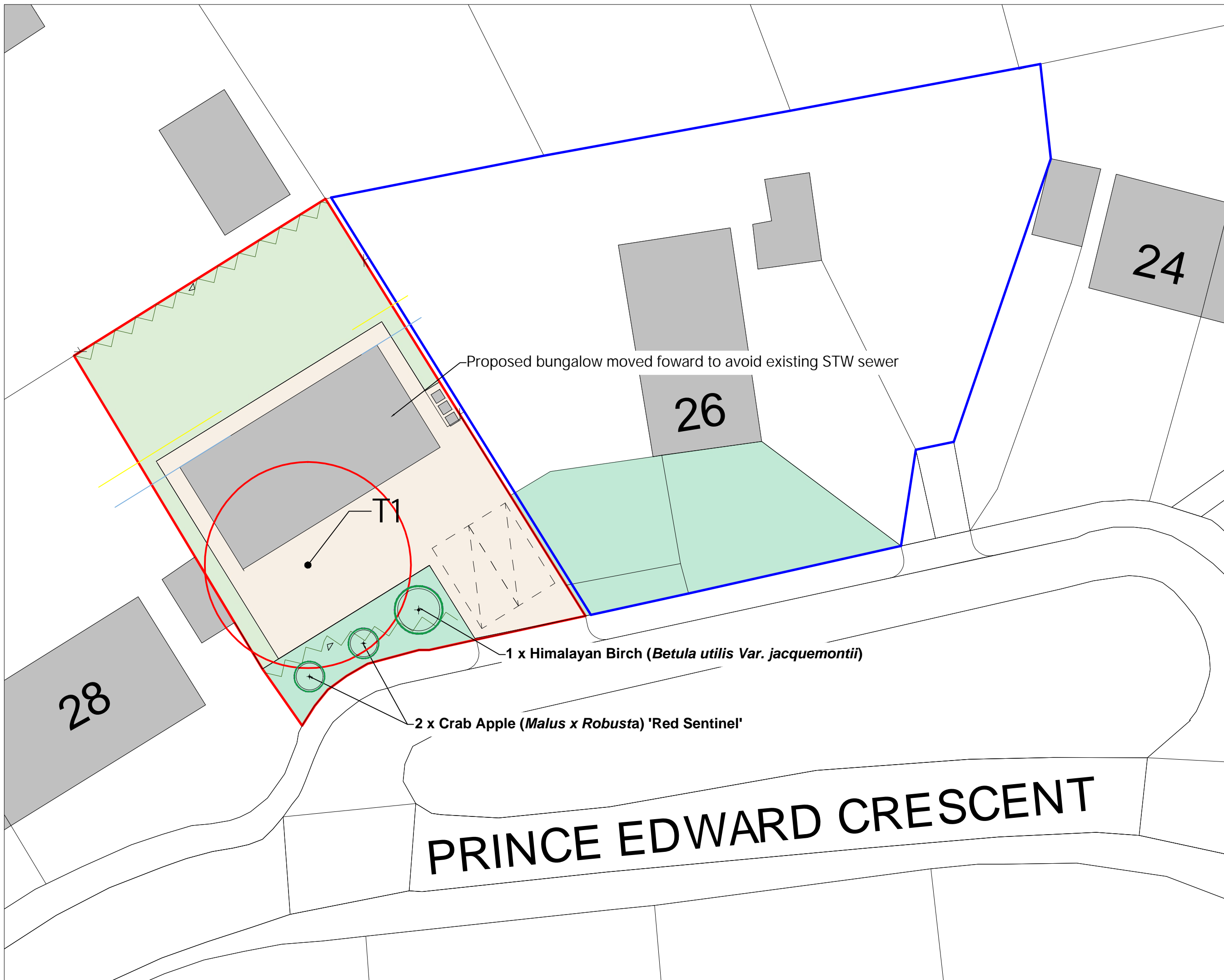
**SAM SELWYN** Dip Arb 14 (abc), TechArborA

Arboricultural Consultant



## APPENDIX 1 – PLANS

### ARBORICULTURAL IMPACT PLAN



- KEY:**
- Trees / Groups
    - Canopy Spread
    - Tree Stem
    - Root Protection Area
  - A Category Tree (High quality / retention value)
  - B Category Tree (Moderate quality / retention value)
  - C Category Tree (Low quality / retention value)
  - U Category Tree (No remaining retention value)
  - Hedgerows (Not assigned BS5837:2012 category)

- ARBORICULTURAL IMPACT**
- Tree / Group to be REMOVED
  - Proposed new tree

Proposed bungalow moved forward to avoid existing STW sewer

T1

1 x Himalayan Birch (*Betula utilis* Var. *jacquemontii*)

2 x Crab Apple (*Malus x Robusta*) 'Red Sentinel'

**PRINCE EDWARD CRESCENT**



Rev	Description	Date
Rev B	Layout update	02.11.2023
Rev A	Issue to client	19.10.2023
Rev		



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