

Why highway engineers welcome technical planting guidance

Hen Abbott

Principal Development Engineer.

Living our values every day



Accountable



Integrity



Empower



Respect



Excellence





Living our values every day



Accountable



Integrity



Empower



Respect



Excellence



Existing problems

Damage to the footway



Existing problems

Blocked and damaged drainage



Existing problems

Wrong tree wrong place.



Result



Living our values every day



Accountable



Integrity



Empower



Respect



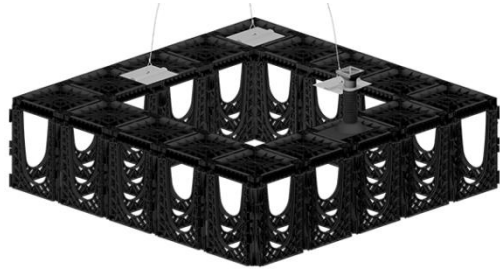
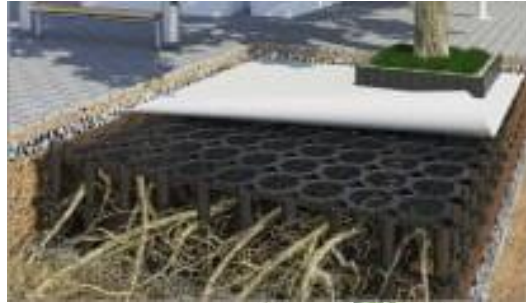
Excellence



Common planting method



Available systems for hard surfaces



Same system – different results



Living our values every day



Accountable



Integrity



Empower



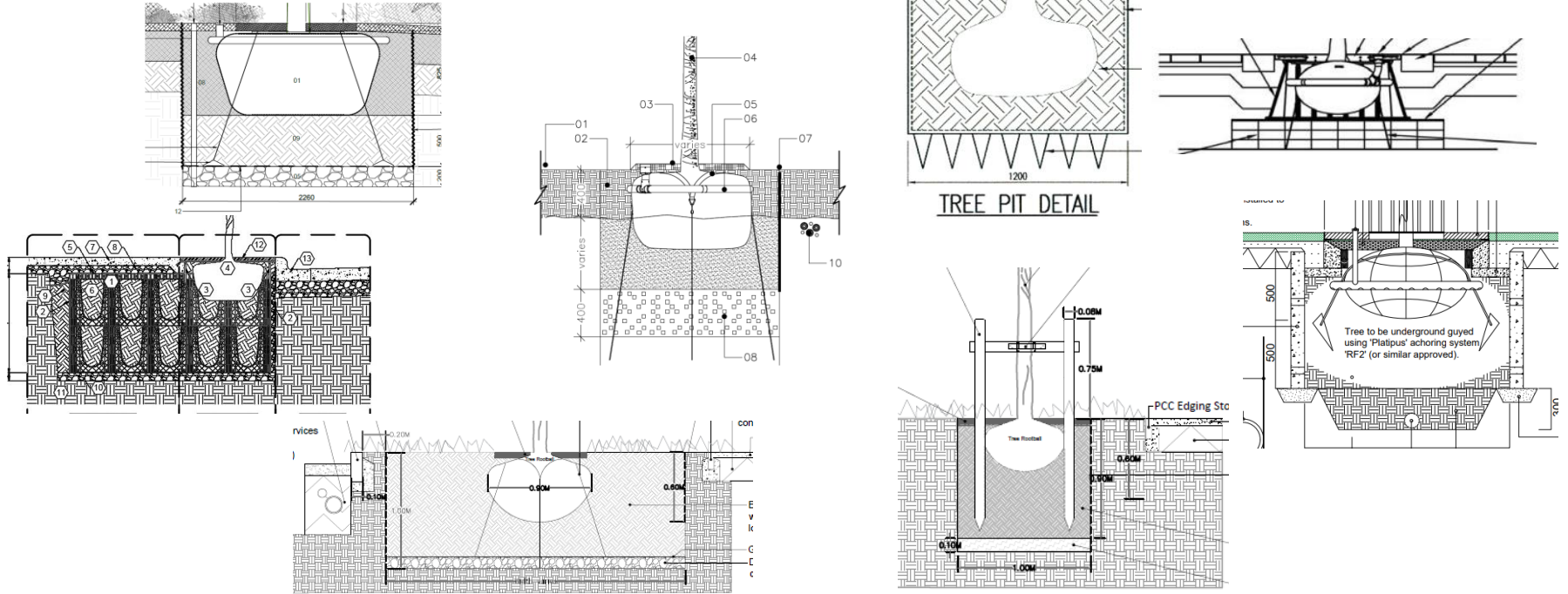
Respect



Excellence



Some designs



Living our values every day



Accountable



Integrity



Empower



Respect



Excellence



Some existing guidance

The Right Tree
in the Right Place
for a Resilient Future

This Urban Tree Manual provides advice on selecting and procuring the right tree for the right place in urban areas. For the purposes of this manual urban areas are defined as places in and around where people live and work. The manual also highlights long term issues of the threats to existing trees from pests, disease and climate change, and describes the benefits to the environment and for well-being that urban trees can provide.

The Manual is not intended as an exhaustive compendium on tree selection, siting and management. Instead, it presents current thinking on these matters and provides valuable sign posting to further relevant information.

BS 5837:2012

BSI Standards Publication

Trees in relation to design,
demolition and construction
– Recommendations

Trees
in Hard
Landscapes
A Guide for
Delivery

Trees in Hard Landscapes Action Group

CIHT

University of the West of England

University of Central Lancashire

ice

BS 3998:2010

BSI Standards Publication

Tree work – Recommendations

Forestry Commission

Grants & Regulations
Operations Note

Operations Note 051

19 July 2019

Highway Tree Management

Living our values every day



Accountable



Integrity



Empower



Respect



Excellence



We want to deliver thriving trees which will be an asset not a burden to future generations.

To do this we need to:

- ✓ Know the right species for the location.
- ✓ Know the right planting method for the place and tree.
- ✓ Know the correct construction method for the tree planting system.
- ✓ Know the right growing medium.
- ✓ Know how to correctly check and inspect tree planting and tree pit construction.
- ✓ Know the correct short and long-term maintenance regime for the tree.



The benefits of good technical planting guidance

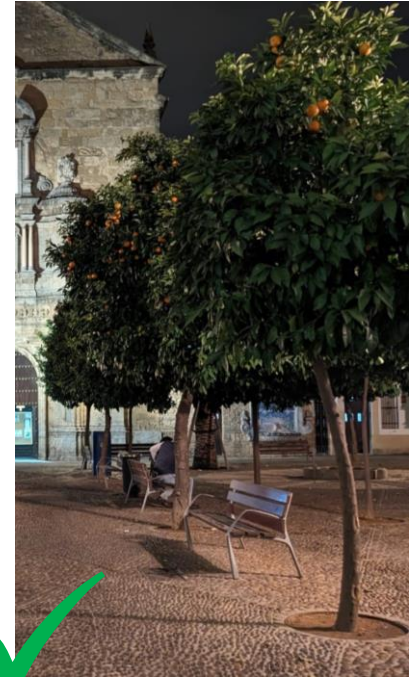
- Best for the tree
- Consistent and replicable
- Expert advice
- Easy for construction
- Confidence in designs
- Easy to follow
- National guidance



Why highway engineers welcome technical planting guidance

So we can go from this

to this



Thank you

Living our values every day



Accountable



Integrity



Empower



Respect



Excellence

