

## Arboricultural Method Statement (installation of path through TG2)

Planning Conditions - Ref: Harlequins Shopping Centre	
Details of construction, removal of surface materials and sub structures in preparation for the installation of path through TG2.	✓
Details of the methods of tree protection around TG2 and 02.	✓
TREE PROTECTION PLAN showing the location of tree protective fencing.	✓
Emergency procedures.	✓

**WARNING:** Failure to comply with this method statement may result in prosecution and lead to a breach of the planning permission. Removal of tree protective fencing may lead to prosecution or enforcement action – DO NOT remove the fencing without permission of the Local Planning Authority. If you are in any doubt contact the Appointed Specialist, Project Manager or the LPA Tree Officer.

CONTACT DETAILS	Site Manager	TBC	TBC
	Project Manager	TBC	TBC
	Aspect Tree Consultancy:	James Greig Project Arboriculturist Arboricultural Clerk of Works	01364 644822 <a href="mailto:james@fresh-aspect.com">james@fresh-aspect.com</a>
	LPA Tree Officer(s):	Mark Waddams Exeter City Council	01392 265228 <a href="mailto:Mark.waddams@exeter.gov.uk">Mark.waddams@exeter.gov.uk</a>

### Removal of surface materials and sub-structures

- Under supervision from the Arboricultural clerk of works the fencing (**Blue Detail 4-See 05215.TPP.02.10.2019**) will be removed prior to works taking place. The fencing will be kept in place until the footpath is to be constructed.
- Prior to the works taking place the Within the RPAs of trees to be retained, removal of surfaces materials and sub structures (including hard surfaces, foundations and sub-base materials) shall be monitored by the Arboricultural Clerk of Works (Project Arboriculturalist)
- For practical purposes it is assumed that machinery shall be used for the removal of substructures within the RPA of trees to be retained. However, at certain stages the use of hand tools may be considered appropriate. The judgement of whether to use machinery or hand tools shall be determined by the Arboricultural Clerk of Works, based on actual conditions encountered during works.
- Works should start close to the tree and work away such that works machinery and operatives are always working from intact, hard surfaces.
- Non-rigid surface materials such as tarmac or aggregate sub-bases shall first be broken-up or loosened by manual or mechanical means (e.g. hydraulic jack-hammer), taking care to minimise the disturbance of the underlying ground. The loosened material shall then be scraped in small incremental layers using a toothless bucket, again taking care to avoid disturbance of the underlying ground.
- Sections of kerbing etc. shall be dislodged and pulled away from the tree using a toothless bucket.
- Following removal of surfaces materials and sub-structures and at the direction of the Arboricultural Clerk of Works, exposed ground shall be protected from compaction by the installation of protective fencing or ground protection.
- Where it is necessary to excavate out and replace the existing sub-base, such excavation shall be undertaken using compressed air excavator (by airspade or similar) so that existing roots are retained. The sub-base shall be replaced with a structural soil that provides suitable levels of compaction for hard landscaping, whilst maintaining conditions suitable for root growth. The structural soil is backfilled around the retained roots and compacted in layers as required.
- New or replacement hard surfaces shall be permeable and gas porous.

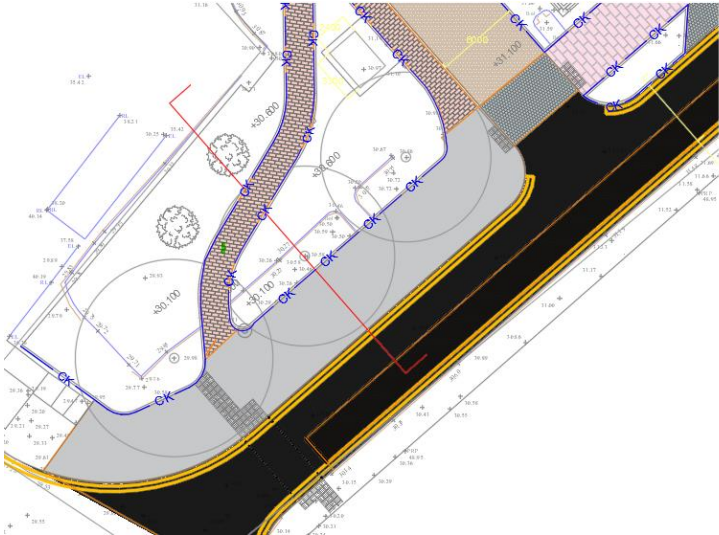


Figure 1- Showing area where path crosses the RPA of TG2.

On-site environmental good practice guidelines

Storage and use of Liquids and Hazardous Materials.

- Liquids (fuel etc.) should be stored as far away from CEZ areas as is reasonably practicable.
- Spill kits and drip trays should be provided and maintained in close proximity to where liquids are stored, dispensed and used. Materials should be stored in accordance with manufacturer’s Safety Data Sheets.
- Drip trays or absorbent mats should be placed under filling points during the transfer/dispensing of liquids e.g. during the refuelling of plant to avoid any form of soil contamination in or immediately adjacent to CEZs or area for new landscape planting.

Responsibilities

It is the responsibility of the Building Contract Manager (TBC) to ensure that the planning conditions attached to planning consent are adhered to at all times.

- The Building Contract Manager will be responsible for contacting the LPA at any time issues are raised related to the trees on site. If at any time pruning works are required permission must be sought from the Local Planning Authority first and then carried out in accordance with BS 3998 2010.
- The Building Contract Manager will ensure the build sequence is appropriate to ensure that no damage occurs to the trees during the construction processes.
- Protective fences will remain in position until completion of ALL construction works on the site.
- The fencing and signs must be maintained in position at all times and checked on a regular basis by an on-site person designated that responsibility.

Emergency Departures & Incident Reporting

- The contractor shall contact an appointed arboricultural specialist or the LPA Tree Officer if any breaches of the CEZ and tree protection measures occur.
- An action plan to incorporate mitigation measures where necessary will be agreed and effectively implemented.
- **Contingency Plan:** Water is readily available on site and will be used to flush spilt materials through the soil and avoid contamination to tree roots. At the time of any spillage the main contractor will contact the arboriculturist for advice.

Arboricultural Site Monitoring

- **Monitoring** will be undertaken at a frequency agreed with the construction site manager during the initial pre-commencement site meeting.
- The arboriculturist shall be present during the following Key Stages:
  1. **Pre-start meeting & Initial positioning of the TPF**– To be marked out on the ground prior to the commencement of any site construction operations during pre-start meeting with: Contractor/Arboriculturist.
  2. Sign off to confirm TPF and ground protection correctly installed.  
**SUBMIT MONITORING LOG TO LPA**
  3. Installation of path in RPA  
**SUBMIT MONITORING LOG TO LPA**
  4. Monitoring site inspections by Arboriculturist for duration of construction.  
**SUBMIT MONITORING LOG(s) TO LPA**

A full-scale copy of this document is to be held on site for the duration of the site works and construction.  
All site operatives to be instructed as to its content during SITE INDUCTION.