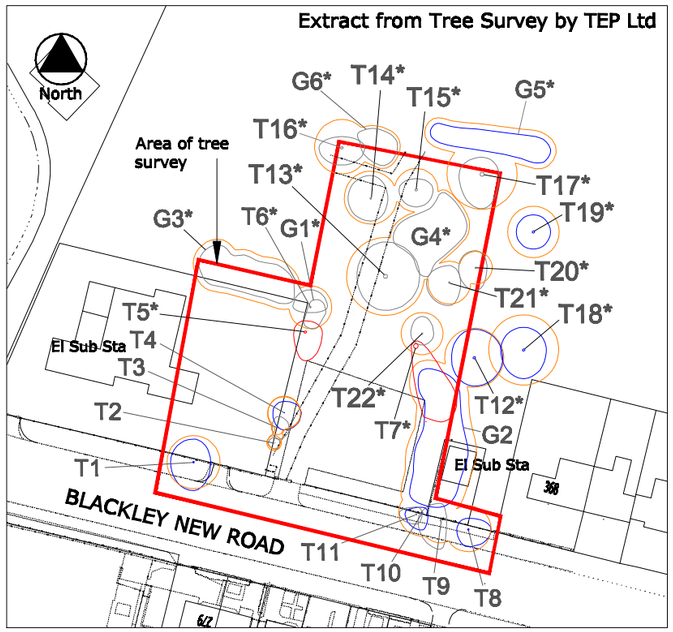
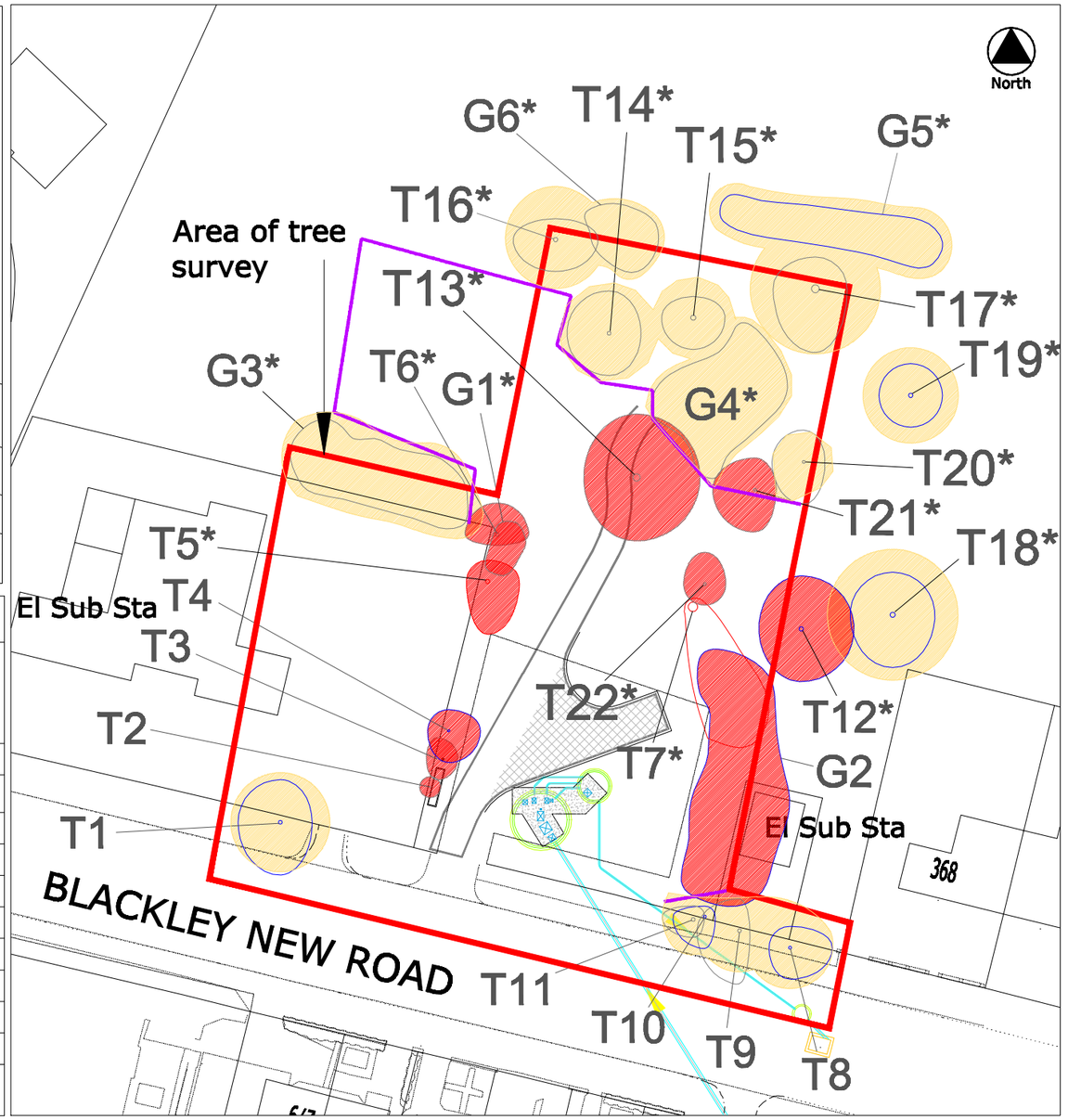


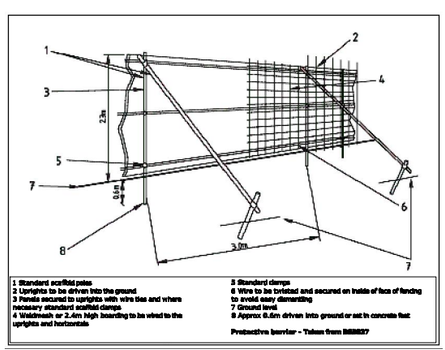


BRITISH STANDARD 5837:2005
TREES IN RELATION TO CONSTRUCTION
RETENTION CATEGORIES
Refer to Arboricultural report

- CATEGORY A — Retention most desirable
- CATEGORY B — Retention desirable
- CATEGORY C — Tree which could be retained
- CATEGORY R — Tree for removal
- TEMPORARY TREE PROTECTION FENCING TO BS5837
- TREES OR SHRUBS TO BE PRUNED
- TREES OR SHRUBS TO BE REMOVED
- T1 TREE REFERENCE
- • CENTRE OF TREE/SHRUB
- x TREE TO BE REMOVED
- ROOT PROTECTION AREA

TREE REMOVAL SCHEDULE

TREE SPECIES	TREE REF	CATEGORY	REMOVE
Ash (20No)	G1	C1	YES
Ash, hawthorn (7No)	G2	B1	YES
Sycamore	T2	B1	YES
Buddleia	T3	C1	YES
Oak	T4	B1	YES
Norway maple	T5	R	YES
Sycamore	T6	C1	YES
Hybrid poplar	T7	R	YES
Hybrid poplar	T13	C1	YES
Ash	T22	C1	YES
total no of trees removed	35		



1 Standard scaffold poles
2 Uprights to be driven into the ground
3 Ferrets secured to uprights with wire ties and where necessary standard scaffold clamps
4 Weldmesh or 2.4m high hoarding to be wired to the uprights and horizontals
5 Standard clamps
6 Wire to be twisted and secured on inside of face of fencing to avoid easy dismantling
7 Ground level
8 Approx 0.6m driven into ground or set in concrete foot

Protective barrier - Taken from BS5837

SITE PLAN

SCALE 1 : 250

m10 0 10m

Notes

Tree Removal
All works are to be carried out by a competent Arborist and must comply with
- BS5837:2005 Trees in Relation to Construction
- BS3998:2010 Recommendations for Tree Work
- NJUG Vol. 4
- AFAG Best practice guidelines for arboricultural works

Tree survey
A tree survey has been carried out in accordance with BS5837:2005 by TEP Ltd, dwg number D3111 002 a copy of which accompanies the planning application. The proposed development is shown for reference. Please refer to drawing number DG5048/80024396/00/97/2001A

Temporary tree protection fence
- Temporary tree protection fencing to BS5837:2005 Heras type, is to be installed along line shown to prevent encroachment of traffic, materials or change in level within the RPA. The fence must be fixed in the ground for the duration of the construction works.
- During construction activities there must be no storage of plant, materials or soils within the Root Protection Area at any time. Trafficking within the protected area below the canopy of existing trees is not permitted.

The Root Protection Area
The Root Protection Area relates to the extent of the tree root system and is calculated in relation to the tree height and girth and may therefore extend beyond the edge of the tree canopy.

Timing
All works must be implemented outside the bird nesting and breeding season.

Ecology
All trees and vegetation in the vicinity must be surveyed by a qualified ecologist and be re-checked prior to commencement of tree works.

Unauthorised tree works
No works other than those discussed with and approved by the Arboricultural Officer may be carried out. Any additional works to trees must be agreed in advance with the Arboricultural Officer and confirmed in writing.

Arisings
Any root prunings from the tree works are to be removed off site. Landowner approval must be sought to confirm whether arisings may be chipped, stacked on site as habitat piles, or whether they are to be removed from site.

Reinstatement
On completion of the construction works ground levels should remain unaltered within the root protection area. A landscape reinstatement scheme will be implemented as detailed on dwg UU/ES/LP/80024396/5960/2721. The drawing shows a 2 for 1 replacement for trees removed.

REVISION INFORMATION

DATE	REV	

DATE	DRAWN	CHCKD	REV	PURPOSE
21.12.11	MD			Planning application

United Utilities

PROJECT	DG5 BLACKLEY NEW ROAD - MANCHESTER
TITLE	Tree removal and protection plan PLANNING APPLICATION DRAWING NOT TO BE USED FOR CONSTRUCTION

DRAWING NUMBER	SCALE	MASTER SIZE
UU/ES/ TPP/ 80024396/ 5960/2720	1:250	A1