Protective Fencing

To be erected prior to the commencement of all works on site, and retained in place throughout construction.
Default specification: To comprise either 2.4m wooden site hoarding; or a 2.3m high scaffolding framework comprising of vertical and horizontal framework, well braced to resist impacts, with uprights to be spaced at a maximum of 3.0m intervals and driven into the ground by a minimum of 600mm. On to this, standard anti-climb welded mesh panels are to be securely fixed to each other with at least two scaffold clamps and to the scaffold framework with wire.
Secondary Specification: To comprise of 2m tall welded mesh panels on rubber or concrete feet. Panels are to be joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The panels should be supported on the inner side by stabilizer struts, which should should be attached to a base plate and secured with ground pins.
All weather notices should be erected at regular intervals on the weld mesh panels with words such as "Construction exclusion zone - Keep out".

Arboricultural Supervision

The arboricultural consultant will be required to attend site to directly supervise all demolition and construction works that have to be undertaken within the root protection areas. This will include:
1. Pre start meeting.
2. Location of protective measures.
3. Removal of protective measures.

Arboricultural Impacts

Impacts	Nos. of trees
Trees to be removed	7
Groups to be removed	1
Trees with proposed incursions into RPAs	0
Groups with proposed incursions into RPAs	1
Trees that will pruning	0
Groups that will pruning	1

Arboricultural Impacts

No.	Species	Proposed structure	Incursion
G8	Various	Petrol Filling Station & associated hard surfacing	???

Tree Work Schedule

No.	Species	Works	Category
G8	Various	Remove individuals as necessary within group or prune canopies to obtain a 2m clearance from proposed structures and edges of hard surfacing	B_2

All tree work is to be undertaken in accordance with British Standard BS 3998:2010 Tree work - Recommendations.
All arisings are to be removed and the site is to be left as found.
Care is to be taken of the ground around retained trees to make sure that it does not become compacted as a result of tree surgery operations. No equipment or vehicles such as timber lorries, tractors, excavators por cranes shall be parked or driven beneath the crowns of any retained trees, to prevent subsequent compaction and root death.

No. of Trees to be Removed

U	A	B	C
0	0	6	1

Arboricultural Method Statement

All tree work is to be undertaken in accordance with British Standard Please refer to Arbtech Consulting Ltd. Tree Schedule, Arboricultural Method Statement and Tree Protection Plan, for full details on all surveyed trees and how all aspects of the development maybe implemented without determent to retained trees.

Tree Protection Area

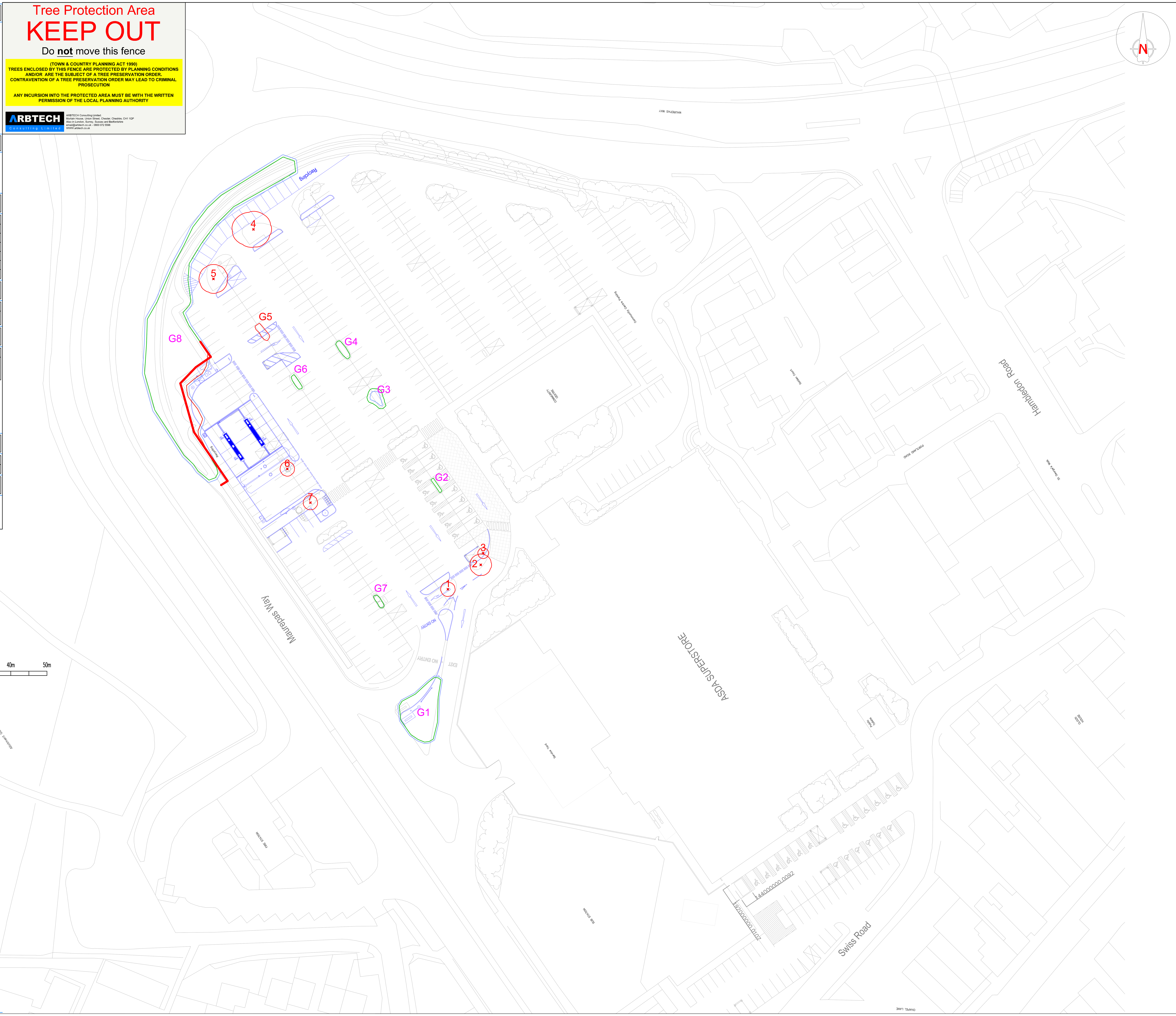
KEEP OUT

Do **not** move this fence

(TOWN & COUNTRY PLANNING ACT 1990)
TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND/OR ARE THE SUBJECT OF A TREE PRESERVATION ORDER. CONTRAVENTION OF A TREE PRESERVATION ORDER MAY LEAD TO CRIMINAL PROSECUTION

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSION OF THE LOCAL PLANNING AUTHORITY

ARBTECH Consulting Limited
ARBTECH Consulting Limited.
Murlain House, Union Street, Chester, Cheshire, CH1 1QP
Also in London, Surrey, Sussex and Bedfordshire
email@arbtech.co.uk - 0800 072 5596
WWW.arbtech.co.uk



0m 10m 20m 30m 40m 50m

Tree Categories

Trees are categorised in accordance with the cascade chart in Table 1 of the British Standard BS 5837:2005 'Trees in relation to construction - Recommendations'

Category 'U' - Trees in such condition that they cannot realistically be retained as living trees in context of the current land use for longer than 10 years.
Category 'A' - Trees of high quality with an estimated remaining life expectancy of at least 40 years.
Category 'B' - Trees of moderate quality with an estimated remaining life expectancy of at least 20 years.
Category 'C' - Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm.

Root Protection Area

In order to avoid damage to the roots or rooting environment of retained trees, the Root Protection Areas (RPAs) should be plotted around each of the category A, B and C trees. This is a minimum area in m^2 which should be left undisturbed around each retained tree.

The RPA is calculated using the British Standard BS 5837:2012 'Trees in relation to design, demolition and construction - Recommendations.

The calculated RPA is capped to $707m^2$, which is the equivalent to a circle with a radius of 15m. Where there appears to be restrictions to root growth the root protection area is reshaped to more accurately reflect the likely distribution of the roots.

ARBTECH
Consulting Limited

Project:	ASDA Waterlooville, Portland Road, Waterlooville, Hampshire, PO7 7XR
Client:	ASDA
Drawing:	Tree Protection Plan
Based on:	Proposed Layout
Drawing No:	Arbtech TPP 01
Rev:	
Date:	May 2013
Scale:	1:500 @ A1
Drawn:	DHA

Key:

Tree Nos.:	G1	Tree Canopies:		Trunks:	
Trees to be removed:	2	Category 'B' trees:		Category 'C' trees:	
Protective fencing:					

All dimensions should be checked on site. No dimensions are to be scaled from this drawing.
Please notify us of any discrepancies found. Arbtech Consulting Ltd. cannot be held responsible for inaccuracies in the base drawing in which this plan is based.
This drawing is designed to reflect the principles of the layout or design only, and relates only to the protection of retained trees.
This drawing is not to be read as a definitive part of the engineering or construction designs or method statement. An architect or structural engineer should be contacted over any matters of construction, detailing or specification and for any standards or regulatory requirements relating to proposed structures, hard surfacing or underground services.
This drawing was produced in colour - a monochrome copy should not be relied upon.

© Arbtech Consulting Ltd. 2013