

Proposed Tree Planting Plan
Scale 1:500 at A1

PLANTING NOTES

PREPARATION PRIOR TO PLANTING

- 1a. Before commencing works, the Landscape Contractor is responsible for checking for below ground services in the vicinity of the planting works. Give notice of any that may be affected and obtain instructions before proceeding.
- 1b. No trees are to be planted within 3m of sewers or services (or any other easement recommended by the relevant statutory undertaker) without the use of tree root barriers e.g. Greenleaf 600/100 placed between the tree and services. Contractor to ascertain the location of all the sewers and services prior to tree planting.
2. No planting should occur when the ground is frozen or water-logged.
3. Prior planting remove any damaged or rubbing branches in accordance with BS 3998:2010 good practice guidelines. Remove, tags or labels and any stem wrapping.
4. All container grown trees are to be well watered in the container prior to planting.
5. Once the roots system is removed from its wrapping or container, immediately before planting any broken or damaged roots must be cut back to sound growth and an appropriate point; heavily coiled or spiralling roots should be eased from the rootball or pruned back.
6. Trees will be inspected on delivery in accordance with the standards set out in table 1 BS 8545:2014. Those that do not reach the standard will be rejected and returned to the nursery.

TREE PLANTING NOTES

1. Trees must be planted at the original root collar soil depth, using the soil mark on the stem as an indication of this.
- 2a. Standard tree to be planted in pits 1.25 x 1.25m diameter with a 1.10m depth. All sides should be loosened, avoiding smooth sides to create a 'key' on all sides.
- 2b. Care must be taken to not mix topsoil with subsoil when excavating, and should be stored separately loose tipped adjacent to the tree pit. If additional topsoil is necessary, it should be mixed with 60 litre peat free organic tree planting compost.
- 2c. Backfill should be added in even layers, around 150mm deep and lightly firmed.
- 3a. All trees should be staked by using a 100mm dia x 1.8m length softwood timber stake. 1.2metres should be driven in to the ground at an angle avoiding any contact with the rootball and secured above ground with one expandable tree tie.
- 3b. The 3no. 18-20cm Alnus x spaethii should have an underground guying system in addition to the tree staking to support the larger trees. Using Aborguy by GreenBlue Urban or similar approved.
- 3c. All new trees are to be well watered with approximately 20 ltrs of water applied to the base after planting.
4. After planting, spray a circle around each tree with glyphosate-based herbicide. Place woven, water permeable polypropylene mulch mat (600x600mm) around the base of the tree and secure using pegs or pins and over lay 20mm of sterilised bark chippings. Chippings should be pulled back from the base of the tree.

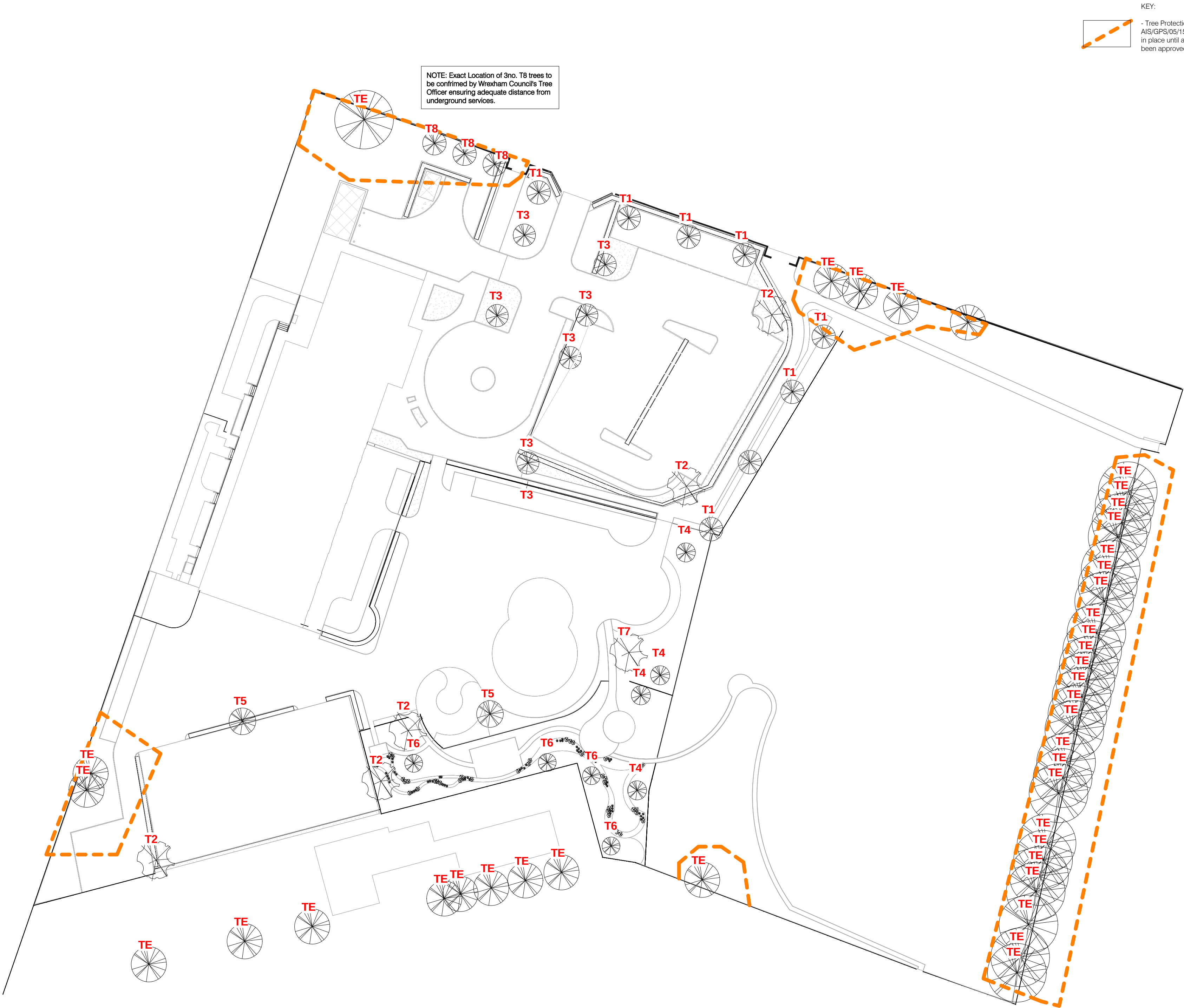
ON-GOING MAINTENANCE

1. All newly planted trees should be inspected in the first weeks after planting and after periods of frost or strong winds. They should be re-firmed where heave or movement has occurred. All tree ties should be checked and adjusted to ensure they are not restricting or damaging the tree.
2. Each mulch mat around each tree are to be inspected and maintained in good condition, and maintained weed free for 3 years after planting.
3. The trees are to be watered after dry spells and watered well if soil appears dry, specially after 10 days without significant rainfall.
4. Trees are to be formatively pruned to remove crossing, dead and rubbing branches and maintain a single lead by removing any multiple leads. This should be carried out 3 years after planting.
5. Trees which fail to establish or become weakened, damaged or die must be replaced in the following planting season.
6. Inspections should be carried out for the first 5 years following planting, undertaken in mid-summer where any of the above can be addressed.

Tree Planting Schedule						
Tree Code	Latin Name	Common Name	Height and/or Girth	Form / Pot Size	Notes	Quantity
T1	Liquidambar styraciflua	Sweet gum	14-16	RB	1.8m Clear stem	8
T2	Pinus nigra	Austrian Pine	175-200cm	RB	Standard	5
T3	Pyrus calleryana 'Chanticleer'	Callery Pear	14-16	RB	Standard	6
T4	Prunus serrula 'Tibetica'	Tibetan cherry	14-16	RB	Standard	4
T5	Liriodendron tulipifera	Tulip Tree	14-16	RB	Standard	2
T6	Sorbus aucuparia 'Cardinal Royal'	Ash	14-16	RB	1.8m Clear stem	4
T7	Picea omorika	Serbian Spruce	175-200	Feathered	Standard	1
T8	Alnus x spaethii	Alder	18-20	RB	Extra-heavy standard, min 2m clear stem	3
TE	Existing trees to be retained	-	-	-	Existing tree to be retained	40

Grand total: 73

73



Notes

- This drawing is the copyright of Ryder Landscape Consultants. It must not be copied or reproduced without written consent.
- This drawing is to be read as part of a full Landscape Drawing Package in conjunction with all the relevant surveys alongside the Architectural and Engineers drawings
- Only figured dimensions are to be taken from this drawing. Dimensions should not be scaled from this drawing, as scaling of this drawing cannot be assured.
- All dimensions are to millimetres unless specified otherwise
- All contractors must visit the site and be responsible for taking and checking all dimensions, services and setting out related to the works shown on this drawing
- All coordinates are set to dimensional points to enable easy cross referencing on site
- All setting out points are to be verified on site and any discrepancies should be clarified by the Landscape Architect
- Hatching is not a technical representation of surface patterns, contractors are to follow the line of direction specified on drawings . Where no line of direction is given contractor to contact Landscape Architect before laying.
- All levels should be checked on site and conflicts reported to the design office.

...If in doubt ask

2.0 Construction issue	RF	GO	021215
3.0 Amended planting notes and additional compensatory tree planting along Queensway in accordance with AIA/GPS/05/15/ADD	RF	GO	121215
4.0 Turning head layout amendment	SO	RF	010416

Rev.	Revision description	Drawn	Checked	Date
Project Status				
FOR CONSTRUCTION				

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Project
Ysgol Gwenfro, Wrexham

Title
Tree Planting Plan

Scale @ A1 As indicated	Drawn By RF	Checked By GO	Date 06/11/15
Drawing Number GPS-RYD-01-XX-DR-L-5001			Rev. C4.0

5001.1 Tree Pit Detail

Stake secured by expandable tree tie

RRPC2A RootRain Metro or similar irrigation system. Nail to stake with 50mm galvanised nail. Ensure filler cap finishes slightly above mulch level.

Tree stake to be set at an angle to avoid root damage. 1.2m driven into the ground

NB: An underground guying system such as Aborguy by GreenBlue Urban shall be used in addition to the above ground staking for the three extra-heavy Alnus x spaethii, fitted to manufacturers instruction.

Refer to tree planting notes for more details

