

TITLE:

Green Infrastructure Statement and Landscape Management Plan (Rev A)

SITE

**Glyn Bargoed House, Glyn Bargoed Road, Trelewis,
Treharris, CF46 6AA**

CLIENT

Abdul Waheed C/o ESSK Design Consultants Ltd

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1. Introduction:

Site description and context



The site is occupied by a residential care home situated within a housing estate and built up area with detached houses with gardens. Within the grounds to the front of the property are numerous early mature ornamental trees , mainly Cherry trees a large Cherry Laurel shrub and Rhododendron around an area of grass used for recreation purposes . The ground to the rear of the property is largely covered with hard surfacing with a low mixed species hedgerow and the wider area includes belts of trees and shrubs alongside Glyn Bargoed Close to the east as well as mature deciduous woodland areas to the South adjacent to Glyn Bargoed Road Heol Y Glyn and Mill Street although there are no directly connecting green corridors to these areas and the property.

Recent ecological surveys in the Trelewis area have reported the following :

habitats of principal importance in this area:

Lowland Meadows/Grassy meadows/Hedgerows and Woodland patches/wetlands and riparian corridors along streams

Recent studies have recorded the following protected species present:-

Bats (especially pipistrelles and brown long eared bats in old buildings and tree lines)

Badgers with setts near woodland edges

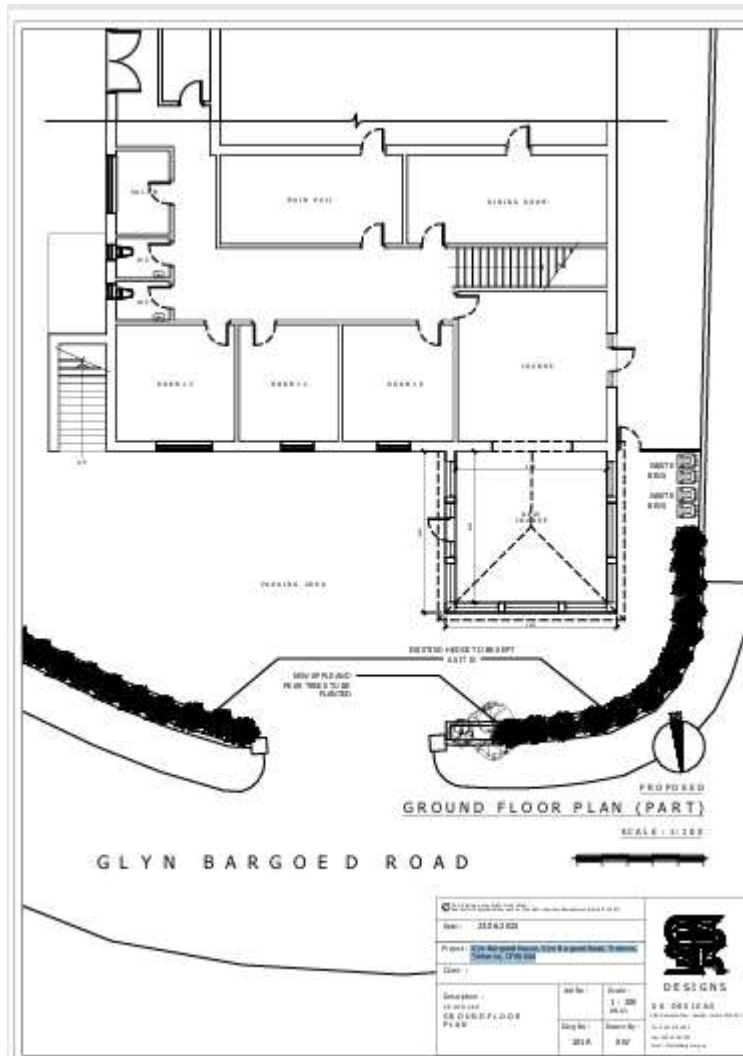
Great crested newts in ponds and wetland mosaics

Slow worms and common lizards in rough grassland and brownfield sites

Invasive species concerns :- Japanese knotweed and Himalayan Balsam in wetland and disturbed areas

1.2 The Development Proposal

From plans (Ground floor plan No. 101A Front Elevation No 103A North Elevation No 102A/ Rear Elevation o 104A) supplied the proposal is to build a single storey extension to the rear of the main property as detailed in the plans supplied by the design consultant (ESSK) .



PLEASE REFER TO PLANS SUPPLIED BY DESIGN CONSULTANT FOR CLARITY

1.2.1 Impact of proposal on Green Infrastructure

There appear to be no plans to remove any of the existing soft landscape features and the development will be within ground already hard surfaced. The risk of materials used and equipment movements for construction damaging existing green infrastructure is considered low.

1.3. Scope of GISMP

In line with chapter 6 of Planning policy Wales this report sets out to demonstrate how the development and its construction will avoid damage to existing biodiversity and where unavoidable damage has occurred or is unavoidable how this will be mitigated and biodiversity restored and how enhancements will be provided to ensure a net benefit to biodiversity on site. The report will draw upon the information provided in the associated documents submitted as part of the planning application.

The report will also detail the requirements for monitoring and implementation of the landscape plans as well as maintenance and care for the short and long term care. Tables and a programme of timed events will be provided intended for the use and reference of the appointed contractor and consultant overseeing the processes.

2.0 Evaluation of existing soft landscaping

HEDGEROW 1 (To be retained)

LIST OF WOODY SPECIES IN HEDGEROW AND ATTRIBUTES

SPECIES	NATIVE	SOIL	WILDLIFE SUPPORT	BIRDS	Mammals
Holly (<i>Ilex aquifolium</i>)	YES	Tolerant of most	Pollinator Habitat Foraging for caterpillars Cover	Berries	Dry leaf litter for hibernation
Rose of Sharon (<i>Hypericum calycinum</i>)	No	Tolerant of most	Habitat Pollinator	Nesting potential	Evergreen cover
Goat Willow <i>Salix caprea</i>	Yes	Tolerant of most	Habitat Pollinator Can support Over 200 insect species	Foraging as Insect food supply	Cover and leaf litter
Cotoneaster (<i>Cotoneaster hybridus</i>)	No Invasive (some sp)	Widely tolerant	Pollinator at key time Cover for invertebrates	Winter food source	Cover
Firethorn (<i>Pyracantha sp</i>)	No	Widely tolerant	Nectar rich pollinator for Bees Hover flies and butterflies	Winter berries and dense nesting cover	Cover
Spirea (<i>Spirea japonica</i>)	No	Drought tolerance	Nectar rich blooms with long season	None	N/a
Rose (<i>Rosa canina</i>)	Yes	Tolerant of poor soils	Excellent pollinator plant for bees hoverflies and butterflies. Supports 30+ insect spp including Gall wasps Aphids and moth caterpillars	Rosehips supply Thrushes Blackbirds and fieldfares	Thorny shelter
Cherry laurel (<i>Prunus laurocerasus</i>)	No Invasive domineering species	Tolerant of poor soils	Pollinator flowers at key time Supports few insect species	Black berries food source	Carcogenic chemicals in leaves toxic to mammals Cover and shelter

Herbaceous plant species include:

SPECIES	NATIVE	SOIL	WILDLIFE SUPPORT	BIRDS	MAMMALS
Ladys mantle (<i>Alchemilla mollis</i>)	No	Tolerant of drought Moisture retention benefits	Nectar and pollen source for bees hoverflies and butterflies Dense foliage provides cover for spiders /beetles etc	N/a	N/a
Orange Lilly (<i>Lilium bulbifrum</i>)	No	Tolerant of most soils	Open flowers provide nectar Limited benefits for insects and fungi as non native	N/a	N/a
Yellow loosestrife (<i>Lysimachia punctata</i>)	Yes		Highly valued floral oil producer supporting solitary bees as well as hoverflies and wasps	Indirect support by providing host for insects	n/a

Other plants are present

2.1 HEDGEROW 1

Overall the mixed species hedgerow contains plants of good ecological value including good pollinator plants and provides a low screen with limited cover, habitat and foraging opportunities.

It could be improved by removing some of the non- native Cherry Laurel and replacing these with native species that could provide better foraging and cover whilst maintaining a low easily managed landscape feature and.

2.2. Biodiversity Enhancements

It is not known whether the current building has been assessed within an ecological survey but the provision of the following enhancements is proposed as part of the development :-

1 x Bat roosting/hibernation boxes and 1 x Bird nesting boxes to be installed on the existing property

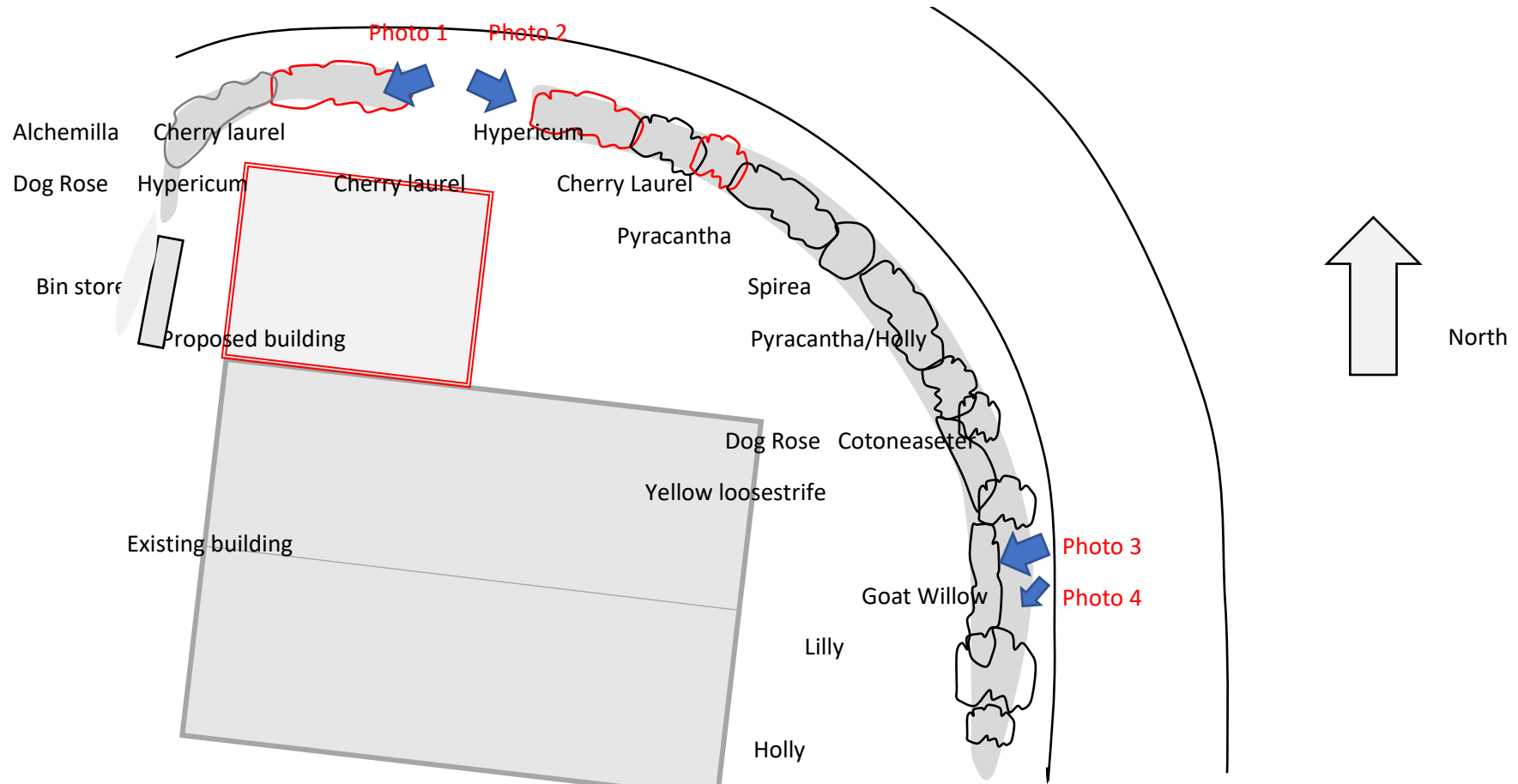
The provision of these facilities is considered to sufficient to enhance biodiversity although specifications for their installation and construction have been amended within this report.

3.0 Soils

Soils on site have not been evaluated for drainage, structure and suitability for plant growth as existing landscape features will be enhanced in areas already supporting good plant growth no imported soils will need to be brought to site .

The protection of soils on site during construction phase is not required

4.0 THE SOFT LANDSCAPE AND BIODIVERSITY SCHEME



4.1 EXISTING EXISTING HEDGEROW LAYOUT AT Glyn Bargoed House, Glyn Bargoed Road, Trelewis, Treharris, CF46 6AA

Clip/ partial Remove Cherry Laurel to make space for
2 Rowan* trees

Sorbus aucuparia Autumn Spire

Bare root 1.3m

Plant 4 New
Holly

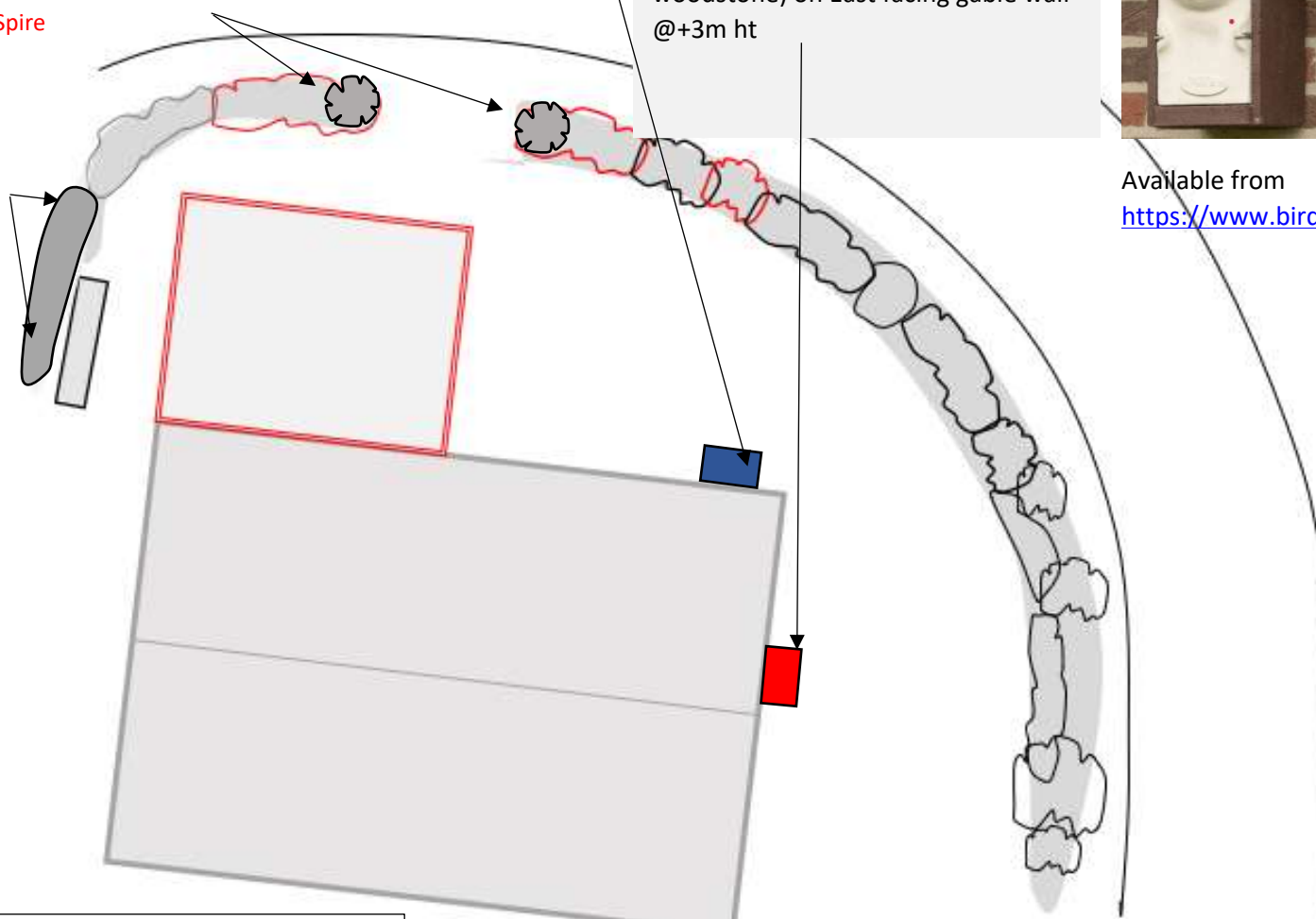
Place Woodstone Seville 28mm Nest
Box @ 3m+ above ground

Place Bat Box (Beaumaris midi
woodstone) on East facing gable wall
@+3m ht



Available from

<https://www.birdfood.co.uk/wildlife-products>



4.2 TITLE: PROPOSED PLANTING SCHEME AND BIODIVERSITY ENHANCEMENTS

SITE: Glyn Bargoed House, Glyn Bargoed Road, Trelewis,

Treharris, CF46 6AA

DATED : 76/7/2025

4.3 PLANT SPECIFICATION TABLE

2 x <i>Sorbus aucuparia</i> NB 'Autumn spire' is a cultivar suitable for the location with a tight upright habit and is advised	Bare root	1.3m ht http://bournnursery.com/		Compact tree ideal for smaller gardens. erect, columnar habit. Flowers in the spring attract Bees and other pollinators. Clusters of tiny, vivid orange-red berries that develop in late summer and last long into winter are an essential food source for birds and other wildlife. Plant in full sun to partial shade with well-drained, fertile soil. The Sorbus 'Autumn Spire' is hardy and low-maintenance, requiring only minimal pruning in late winter to remove dead or damaged branches.
4 x <i>Ilex aquifolium</i>	Pot grown(5l)	60-90cms http://bournnursery.com/		Evergreen tree good for screen providing berries attracting blackbirds mistle thrush and fieldfares

5.0 Maintenance of planted areas

5.1 REQUIREMENTS FOR APPOINTED LANDSCAPE CONTRACTOR

In order to ensure the scheme is implemented to the specifications and or any variations as necessary it is essential that a suitably qualified landscape contractor is appointed and liaises with the consultant to oversee and agree and approve the following:

Sourcing the appropriate plants and or alternative plants as available.

Checking on delivery all trees and shrubs to be supplied with relevant plant passports, be inspected for health and be free of pests and diseases. Any plants found to be sub standard will be rejected and replacements found.

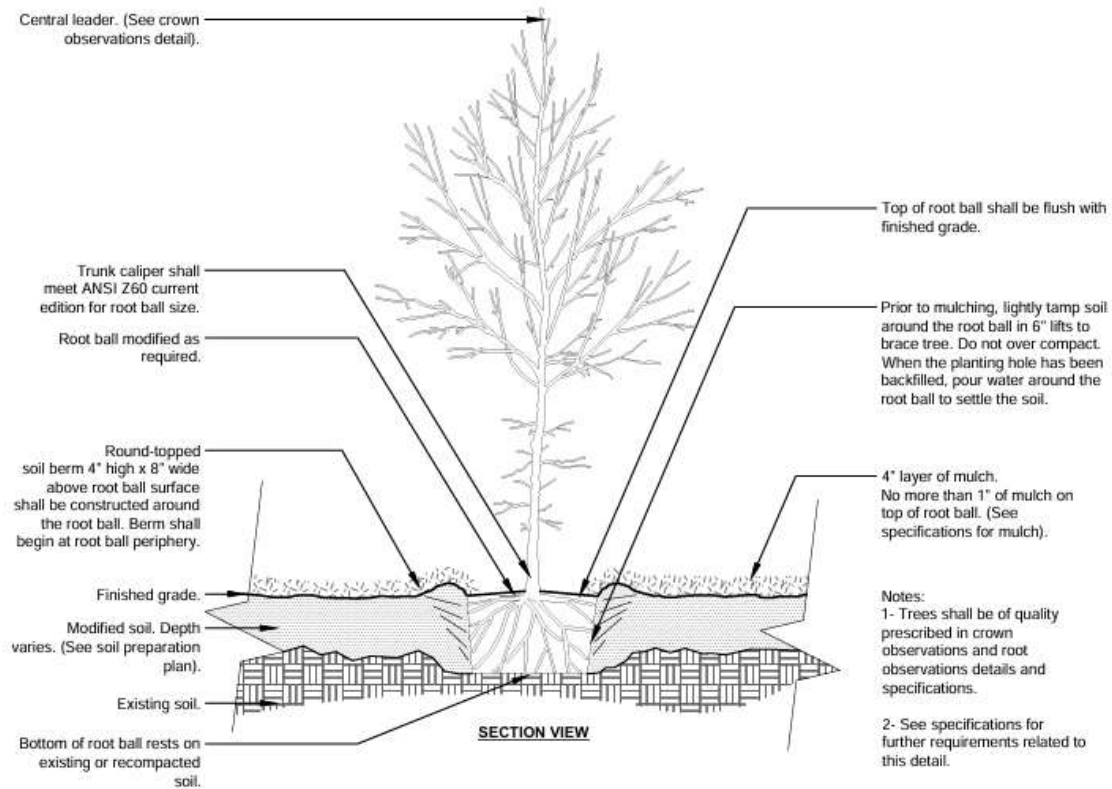
Correctly storing plants either at their own premises or on site if possible and providing facilities to water and maintain plants in storage.

Ensuring the guidelines for the preparation of tree pits, planting beds and seeded areas supplied within this document are followed.

Providing a maintenance schedule for the care and upkeep of the soft landscaping to ensure plants are watered and provided with adequate nutrients, plants failing within 5 years of the scheme being implemented are replaced . Plants requiring pruning are identified and maintained correctly.

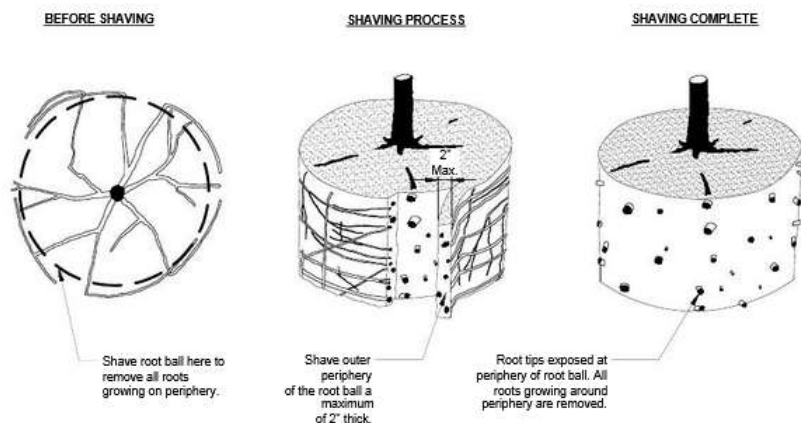
To achieve the above a table or schedule of works will need to be devised detailing chronologically the various stages incorporating a tick box to indicate the stages have been reached and shown to be to specification.

5.2 SPECIFICATIONS AND GUIDELINES FOR PLANTING AND MAINTENANCE



P-X TREE w/ BERM (EXISTING SOIL MODIFIED)

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE



- Notes:
- 1- Shaving to be conducted using a sharp blade or hand saw eliminating no more than needed to remove all roots on the periphery of root ball.
 - 2- Shaving can be performed just prior to planting or after placing in the hole.

URBAN TREE FOUNDATIONS 2014
OPEN SOURCE FREE TO USE

P-X ROOT BALL SHAVING CONTAINER DETAIL

5.3 PLANTING CONTAINERISED SHRUBS, AND POST MAINTENANCE

1.0 INTRODUCTION

- 1.1 This method statement describes the procedure required for the planting and post maintenance of containerised shrubs.
- 1.2 Although containerised plants can be planted throughout the year, we would recommend planting in the dormant season between November and early March. Planting outside this period would require careful watering management.
- 1.3 The recommendations for shrub species and dimensions are detailed below and were available at the time of this report but will be subject to availability: No tree to be planted until it is found to be compliant with Table 1, p.21, BS 8545:2014

2.0 METHODOLOGY

2.1 Planting beds for ground cover and smaller shrubs will be no less than 0.75m. wide and dug to a depth of no less than 600mm. comprised of 300mm imported top soils / bioretention soils certified to BS 3882:2015 and 300mm sub soil certified to BS 8601:2013 and found via a soil scientists interpretive report to be appropriate for the site-specific landscape functions. Planting beds for larger shrubs and trees shall be dug to no less than 750mm comprised of 300mm imported top soils certified to BS 3882:2015 and 450mm sub soil certified to BS 8601:2013 and found via a soil scientists interpretive report to be appropriate for the site specific landscape functions.

2.2 Planting beds will need to be formed with edging stones set in concrete or treated timber rails supported on short stakes at 1.0m intervals driven into the ground and edged with Re-Root 300 Shallow root barrier.

2.3 The plants should be spaced out evenly across the prepared beds and pits made for the plants. If dry the pits should be filled with water and the plants plunge planted ensuring they are planted to the correct depth with soil levels at the root collar. Soil should then be firmed around each root ball to avoid frost lift. Non-biodegradable wrappings and cages to be removed (e.g. synthetic wrapping, double layer treated hessian, galvanized thick wire) prior to planting. Biodegradable wrappings (e.g. single layer untreated hessian and narrow gauge non-galvanized wire) to be removed unless the root-ball lacks cohesion as a consequence of soil texture rather than inadequate root development (reject), in which case retain until tree in position, then cut and peel back to one-third root-ball height, removing cut and peeled back parts. Prune any damaged branches

2.6 The specified top soils will be placed into the planting pit, filling the void between the root ball and the sides of the planting pit. The approved top soil will be used for topping up, if required. The backfill shall be worked around the root ball in layers of 10 – 15 cms with each layer being carefully firmed using the sole of the foot without damaging the root ball.

2.7 During the process of backfill, the trees/shrubs will continually be checked for straightness.

2.8 Any leftover soil and debris arising from the planting will be removed and disposed of accordingly.

2.9 Organic matter comprising well-rotted PAS100 compliant compost will be worked into the top 150mm. A mulch of 50 mm depth will be placed across the length and breadth of the shrub beds to control weed growth and for water retention. Around the tree or trees to be planted a mulch of 50mm over the root-ball surface tapering to 25mm at the highway edge will be placed with a minimum 1.2m circle radius. No build- up of mulch will be situated around the base of the stems as any heat produced by the mulch may kill the cambium, and also prevent respiration.

2.10 The shrubs will be watered immediately by slowly filling the mulch bund with ten litres of water allowing for the water to soak into the root ball and planting pit.

3. MAINTENANCE

- 3.1 During the first two growing seasons after planting, the/shrubs will be watered regularly especially during dry periods from March to October. The amount of water required will be dependent on the soil type, but water logging will be avoided. Any water should be applied slowly avoiding run off away from the root ball. All grass and weed competition shall be eliminated in the first three growing seasons.
- 3.2 The mulch shall be topped up to maintain a depth of 50mm during the first three growing seasons.
- 3.3 Shrubs will require clipping annually after flowering in the dormant months and grasses will require old growth removed early in the new year. Hedgerow plants will require clipping once established at required height.
- 3.5 Any trees or shrubs dying within the first 5 years of completion will be removed and replaced with similar size and species.

3. MATERIALS

3.1 Topsoil Backfill

5.4 MAINTENANCE SCHEDULES

25-Year Maintenance Operations	SITE : Proposed development Glyn Bargoed House, Glyn Bargoed Road, Trelewis, Treharris, CF46 6AA	
Features / habitat types	Action required	Timings
Trees	Newly planted tree stock should be inspected for disease by a competent person and inform the Landowner or management company of any major deterioration in the condition of any landscape element. Pruning of epicormic or basal growth can normally be undertaken by unqualified personnel. Weed control by ensuring no weed growth within a 500mm diameter of each tree. Fertilise using suitable slow release fertiliser as per manufacturer's instructions. Inspect tree ties and stakes as scheduled and after strong winds. Replace loose, broken ties or decayed stakes to original specification. Remove ties and stakes. Remove dead trees and replace as per original specification.	Annually – in late autumn Annually - Sept Annually - Apr & Aug Till year 3– Apr & Aug Every 3 months 4 years after planting. Annually till year 5
Reviewing the maintenance and management plan	Qualified personnel shall monitor / report and adjust the short term maintenance plan and timings twice a year. The long-term management plan including its objectives and deliverability should be reviewed every 5 years and should be adjusted as appropriate	Twice per annum Every 5 years
5-25 Year	Hedges and trees will be replaced where failures occur and kept in manageable size by annual clipping/pruning Plant beds to be restocked to maintain cover Watering and fertilisation to be undertaken where appropriate and required	Pruning and clipping to be undertaken outside of nesting season (Feb- September)

25 YEAR ANNUAL MAINTENANCE SCHEDULE												
OPERATIONS												
	JAn	FEB	MARC	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
PROPOSED TREES												
Inspect and report												
Undertake necessary Canopy works												
Prune epicormic growth												
Weed control – till year 4												
Fertiliser – till year 3												
Inspect and make good tree ties to trees												
Replace losses – till year 4												
Remove stakes, ties and guards from trees -year 4												
On going 5-25 Action regular maintenance and replacements based on annual report												

NB The maintenance of the landscape features , provision of new plants and their aftercare must be arranged by the site owner who shall appoint a suitably qualified contractor

Cardiff Treescapes Contractors Ltd can provide this service and can be contacted on 07764951168 or via email (pwwens@hotmail.co.uk)

5.5 LANDSCAPE MAINTENANCE AGREEMENT

(Routine maintenance of lawns, shrubs, trees, and gardens. Not to be used for construction.)

This Landscape Maintenance Agreement ("Agreement") is
between _____ ("Landscape Maintenance Provider")

and _____ ("Contracting Party"). Contracting Party's
mailing address: _____

Landscape Maintenance Provider shall

perform the landscaping and gardening work specified herein at the property listed below
("Property") on behalf of the Contracting Party.

Contracting Party is ___ the owner of the Property; ___ an agent for the owner of the Property (check
one.)

Description and address of the Property:

_____.

(Legal description and street address if known)

DESCRIPTION OF WORK TO BE PERFORMED: Landscape Maintenance Provider shall furnish all labor,
equipment, supervision and

tools necessary to maintain landscaped areas in accordance with Exhibit A, which is incorporated
into and made a part of this Agreement

("the Work."). This is a maintenance agreement only. Should any construction work be necessary,
and should Contracting Party desire

Landscape Management Provider to perform such work, Contractors' License Law in California
requires a separate agreement for that work

and also requires that the business performing such construction work be properly licensed with the
California Contractors State License

Board.

TERM: The term of this Agreement is _____ months from the date of execution of this Agreement.
This Agreement shall automatically

renew for another equal term unless notice of the Contracting Party's intent not to renew is given to the Landscape Maintenance Provider at

least thirty (30) days prior to the end of the term or subsequent extended term.

PRICE; PAYMENT: Owner agrees to pay Landscape Maintenance Provider for the Work the sum of £_____ per month for the term

of this Agreement, payable on the _____ day of the month following the month that the Work was performed.

ALLOWANCES: The following items along with their specific prices as indicated are included in the contract price as allowances. The

monthly contract price will be adjusted upward or downward based on actual authorized services provided per month, rather than estimated

amounts herein:

_____.

MODIFICATION AND ADDITIONS: Should the Contracting Party direct any modification or addition to the work or materials covered

by this Agreement, the contract price shall be adjusted accordingly. Modification or addition to the work or materials provided shall be

executed only when an Additional Work Authorization has been signed by both the Contracting Party and the Landscape Maintenance

Provider. The change in the contract price caused by such Additional Work Authorization shall be as agreed to in writing, or if the parties

are not in agreement as to the change in contract price, Landscape Maintenance Provider's actual cost of all labor, equipment, subcontracts,

and materials, plus __% for its overhead and __% for profit shall be the change in contract price. The Additional Work Authorization may

also increase the time within which the contract is to be completed. This paragraph shall be governed by the "Changes in Work" paragraph

contained in the Terms and Conditions section.

TERMS AND CONDITIONS: The attached TERMS AND CONDITIONS are expressly incorporated into this Agreement.

Date: _____

Landscape Maintenance Contractor's Authorized Representative Sign Here

TERMS AND CONDITIONS

1. **CHANGES IN THE WORK:** Landscape Maintenance Provider shall promptly notify the Contracting Party of:

(a) latent physical conditions at the site differing materially from those indicated in this Agreement, or

(b) unknown physical conditions differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this Agreement. Any expenses incurred due to such conditions shall be paid for by the Contracting Party as added work.

Notwithstanding the foregoing, should site conditions be such that the Agreement cannot be performed for the contract price, then the price shall be adjusted by mutual agreement of the parties, and if the parties cannot reach an agreement on the adjusted contract price, then this Agreement may be rescinded by either party with no further liability to the other for said rescission. However, any obligation of money due to Landscape Maintenance Provider at the time of rescission shall survive the rescission.

No extra or change order work shall be required to be performed without prior written authorization of the person contracting for the landscape maintenance. Any Additional Work Authorization forms for changes or extra work shall be incorporated in and become a part of this Agreement.

However, in the event that the building department or other governmental body requires a change or modification, then the Landscape Maintenance Provider may make that change prior to receiving written authorization and thereafter negotiate the effect of that change with the Contracting Party.

Payment for extra work will be made at the time the next monthly payment is due.

2. CONTRACTING PARTY'S RESPONSIBILITIES:

Contracting Party is responsible to supply water, gas, sewer and electrical utilities unless otherwise agreed to in writing. Electricity and water to the site are necessary. Contracting Party agrees to allow and provide Landscape Maintenance Provider and its equipment access to the Property. Contracting

Party is responsible for having sufficient funds to comply with this Agreement. This is a cash transaction unless otherwise specified.

Contracting Party shall be responsible to remove or protect any personal property located on the Property, and Landscape Maintenance Provider shall not be liable for damage to same, unless caused by its active negligence or willful misconduct. Such property may include furniture, toys, play equipment, low voltage equipment and lighting, and other exterior improvements. Contracting Party will point out and warrant the property lines to Landscape Maintenance Provider.

3. DELAYS: Landscape Maintenance Provider agrees to diligently work pursuant to the agreed schedule for the Work. However, Landscape Maintenance Provider shall be entitled to its full monthly payment pursuant to this Agreement, even if maintenance work is not fully performed, for

reasons beyond the control of the Landscape Maintenance Provider, including but not limited to: acts of neglect or omission of Contracting Party or Contracting Party's employees or agents, acts of God, stormy or inclement weather, strikes, lockouts, boycotts or other labor union activities, extra work ordered by the Contracting Party, acts of public enemy, riots or civil commotion, inability to secure material through regular channels, imposition of Government priority or allocation of materials, failure of Contracting Party to make payments when due, or delays caused by inspection or changes ordered by the inspectors of authorized governmental bodies, for acts of independent contractors, or holidays, or other causes beyond Landscape Maintenance Provider's reasonable control.

4. LABOR AND MATERIAL: Landscape Maintenance Provider shall pay all valid charges for labor and material it incurs and uses pursuant to this Agreement. However, when the price for any materials to be used pursuant to this Agreement increases fifteen percent (15%) or more between execution of the Agreement and materials purchase, Contracting Party shall pay to Landscape Maintenance Provider, on request, all sums by which the cost to Contractor for any materials has increased beyond 15%, as demonstrated by Contractor.

5. PAYMENT: Payment will be past due if not paid within five (5) days of the date specified in this Agreement. Past due payments shall bear interest at the rate of 1 1/2 percent per month (18% per annum), until paid in full.

6. RIGHT TO STOP WORK: Landscape Maintenance Provider shall have the right to stop work under this Agreement if any payment by Contracting Party is not be made, when due. Landscape Maintenance Provider may suspend the Work until all payments due are received. This remedy is in addition to any other right or remedy that Landscape Maintenance Provider may have.

7. FORCE MAJEURE: Except with respect to payment obligations under this Agreement, no Party shall be liable for, nor shall such Party be considered in breach of this Agreement, due to any failure to perform its obligations under this Agreement as a result of a cause beyond its control, including but not limited to any act of God or a public enemy or terrorist, act of any military, civil or regulatory authority, change in any law or regulation, fire, flood, earthquake, storm or other like event, disruption or outage of communications, power or other utility, labor problem, unavailability of supplies, epidemic, pandemic or other public health situation or resulting government action which restrains the ability of Contractor to commence, continue or complete performance of the agreement. On reasonable notice, the time for performance shall be extended by the reasonable period of such delay. If the Project is delayed for more than sixty (60) continuous or intermittent days from the same Force Majeure cause, either Contractor or Contracting Party has the discretion to terminate the Contract without liability. Contractor shall be entitled to payment for work performed and materials supplied to the work site to the date of termination and for materials ordered if the order cannot reasonably be rescinded.

8. CLEAN-UP: Landscape Maintenance Provider shall remove from the Property all debris and clippings created by its operations and leave the Property in a neat and "broom-clean" condition. Notwithstanding the foregoing, should Landscape Maintenance Provider be unable to clean debris by usual and customary means, such as by blower or water, for any reason, including but not limited to any local or emergency ordinance, then Landscape Maintenance Provider shall only be required to use its best efforts to leave the Property in a neat and clean condition.

9. COMPLIANCE WITH LAWS: In connection with the performance by Landscape Maintenance Provider of its duties pursuant to this Agreement, Contracting Party shall obtain and pay for all permits and comply with all federal, state, county and local laws, ordinances and regulations.

10. LEGAL FEES: In the event that there is any legal proceeding arising out of this Agreement, the prevailing party shall be entitled to have its reasonable attorney fees and costs paid by the other party.

11. CLAIMS—LIMITATIONS: No legal proceeding of any kind arising from or related to this Agreement or the performance thereof, shall be commenced by either party against the other more than two years after completion or cessation of work under this Agreement. Any damages for which Landscape Maintenance Provider may be liable to Contracting Party shall not, in any event, exceed the total price of this Agreement.

12. VALIDITY: In case one or more of the provisions of this Agreement or any application thereof shall be invalid, unenforceable or illegal, the validity, enforceability and legality of the remaining provisions and any other application shall not in any way be impaired thereby.

13. LIMITED WARRANTY: Landscape Maintenance Provider warrants that all work will be performed in a good and workmanlike manner. There are no warranties either expressed or implied except those specifically set forth in this Agreement, and there are absolutely no guarantees relating to continued life or growth of plant material beyond the period necessary for initial planting shock, but not to exceed ninety (90) days, unless otherwise stated herein. Any warranty or guarantee is only effective if Contracting Party has complied with all the terms and conditions, payments, and other provisions of this Agreement. Contracting Party is responsible for any damages to plants or otherwise, caused by either over- or underwatering, when that over- or underwatering is done through Contracting Party-handled manual irrigation or hand watering, or when there is an interruption in the service of an automatic sprinkler system, or over- or under-fertilization, when Contracting Party handles or directs the fertilization, or where plants and other landscaping are damaged by pests or diseases. Landscaping Maintenance Provider shall also not be responsible for any damage caused by inclement weather, run-off, drainage problems, or any other cause of overwatering. Landscape Maintenance Agreement

Form 104 (6/25)

Form 104 (6/25)

Landscape Maintenance Agreement(Example)

1. IRRIGATION. Landscape Maintenance Provider will adjust any existing automatic controller, based on changes in rainfall and temperature, with such frequency as to promote healthy growth. Landscape Maintenance Provider shall have sole responsibility for this function. Contracting Party shall not permit any changes without prior consultation with Landscape Maintenance Professional.

Manual irrigation or hand watering is a responsibility of the Contracting Party unless otherwise stated in the contract. Landscape Maintenance Provider shall provide consultation and recommendations for improving and upgrading existing irrigation system as requested by Contracting Party.

2. TREES, SHRUBS,. Pruning, thinning and trimming of shrubs and trees, and training and trimming of climbers shall be accomplished on a regular basis to maintain a neat appearance and promote healthy growth. Work will include removal of suckers, cross branches, and dead wood. Existing staking and guying of trees shall be inspected and changed as required to permit growth expansion and to prevent damage from chafing. Additional staking and guying of trees shall be performed on a time and material basis, and Contracting Party shall pay for this in addition to the monthly price stated in the contract.

3. GROUND COVER AND FLOWER BEDS. Maintenance shall consist of trimming ground cover where needed around trees, etc. Beds are to be weeded and reasonably cleaned of leaves and debris on a regular basis to maintain a neat and clean appearance.

4. LAWNS. Shall be mowed on a scheduled basis so as to maintain a neat appearance and to promote healthy growth. Lawns shall be edged to its local confines, e.g., around all trees, sprinklers, fences, lights, etc. Grass clippings shall be removed from sidewalks, driveways, and curbs.

5. HARDSCAPE AREAS shall be cleaned of debris. This shall be accomplished with a gas-powered leaf blower unless otherwise stated. If for any reason a gas-powered leaf blower may not be used, Landscape Maintenance Provider may, at its sole discretion, cancel this agreement within thirty (30) days' notice to Contracting Party. Cleaning garages, parking areas, and driveways is not included unless otherwise stated. Cleanup of unusual debris shall be treated as additional work.

6. The following work will only be done if initialed by both the Landscape Maintenance Provider and the Contracting Party.

a. FERTILIZATION. Fertilizer shall be applied to all planted areas to promote lush and healthy growth of all trees, shrubs, groundcovers, and lawns. Quantities of fertilizer, varieties of fertilizer, and schedules of applications shall be determined by the Landscape

Maintenance Provider. Cost of fertilizer and its application ___ is /___ is not included in the regular monthly contract price.

b. PEST AND WEED CONTROL. Landscape Maintenance Provider shall take reasonable steps to maintain landscape areas essentially free of harmful insect and disease infestations as commonly occur in the vicinity of the project and as preventable by application of available chemical controls. All landscape areas shall be maintained essentially free of noxious weeds, weather and soil conditions permitting. Contracting Party acknowledges that certain invasive / noxious weeds, including but not limited to Himalayan Balsam, Japanese knotweed grass, may not be susceptible to chemical or manual control, and to that extent the Landscape Maintenance Provider shall only be responsible for taking such action as is the custom and practice in the landscape industry for similar projects. Cost of chemicals and

their application ___ is /___ is not included in the regular monthly contract price.

c. LAWN RENOVATION. Landscape Maintenance Provider shall aerate, dethatch, reseed, and top-dress lawns as needed. Cost of lawn

renovation ___ is /___ is not included in the regular monthly contract price.

The following work shall be done:

Landscape Maintenance Provider's Initials Contracting Party's Initials

Fertilization _____

Pest and Weed Control _____

Lawn Renovation _____

The following items are excluded from the contract: _____

_____.

The following items are added to the contract:

_____.

Special Instructions:

(The price of authorized work mentioned above that is not included in the regular monthly contract amount should be itemized in the

ALLOWANCES section of this contract.)

7. WORKING DAYS AND SCHEDULE. Work will commence approximately on _____ (date). The site will normally

be visited on the following day of the week: _____. Landscape Maintenance Provider recognizes the following

holidays: _____

and if a regularly scheduled maintenance day coincides with one of the above holidays, Landscape Maintenance Provider shall work on

alternate day. Landscape Maintenance Provider shall visit site with the following frequency:

____ Weekly ____ Every Two Weeks ____ Other

6.0

BIODIVERSITY ENHANCEMENTS

BAT ROOST/HIBERNATION BOXES (refer to PLAN 102(1) BIODIVERSITY PLAN SUPPLIED UNDER SEPARATE COVER

BIRD NESTING BOXES

6.1 Bat Roosting/Hibernation boxes



Beaumaris midi woodstone

As a condition for the proposed development bat roost and or bat hibernation boxes will be placed both on the eaves of the existing building facing east and should be constructed of woodcrete (a mix of concrete and wood fibre) to ensure longevity and the following model has been selected as suitable for purpose being free of maintenance and suitable for hanging on house walls to be installed to manufacturers specifications +3m above ground on east facing wall

6.2 Bird nesting Box



Woodstone Seville 28mm Nest Box

A Bird nesting box has been advised to be provided as a condition for the development and should be of long lasting construction and varied in design to be installed to manufacturers specifications +3m above ground on North facing wall. <https://www.birdfood.co.uk/wildlife-products>



QUALIFICATIONS AND PROFESSIONAL DEVELOPMENT

Mr T.A.SEYMOUR BA.(Hons)

1. QUALIFICATIONS

- BA (Hons) Human geography & Environmental studies
- Diploma in Environment and Geography
- Surrey County Diploma in Arboriculture 1981 – Merrist Wood College
- Ordinary National Diploma in Arboriculture – 1981 Merrist Wood College, Surrey
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2. CAREER SUMMARY

Tom Seymour began his career in horticulture in 1977 with the renowned plant nursery Hilliers of Romsey Hants where he undertook an apprenticeship, learning about the care and propagation of amenity trees and shrubs. As part of the OND course he spent a year in Ealing London working for the local authority gaining practical experience as a trainee arborist, and in other sections of the arboricultural department. Following the completion of the college course, he gained a wide practical knowledge of all aspects of commercial arboriculture.

In 1981 he joined Cardiff City Council's Tree Department gaining the post of chargehand arborist. In 1984 he went into partnership with Gareth Ayres and formed Cardiff Treescapes. The business quickly gained a reputation for excellence and became Arboricultural Association approved contactors in 1987. Through practical experience, continual professional development and further academic qualifications, Tom has now gained a reputation as a consulting arborist. He was a founder member of the South Wales Branch of the Arboricultural Association and served on the committee for 3 years.

3. **AREAS OF EXPERTISE**

- Tree hazard risk assessments for tree owners
- Mortgage and Insurance reports to assess the influence of trees on buildings
- Pre-development site surveys and arboricultural implication studies
- Tree management reports to prioritise maintenance programs
- Tree related insurance claims
- Diagnosis of tree disorders
- General arboricultural advice

4. **CONTINUAL PROFESSIONAL DEVELOPMENT**

- **Courses attended:**
- Picus (Sonic tomography) Master class - Kew Gardens 2016
- Tree science day Cardiff University 2016 Prof. Lynne Boddy of Cardiff University, supported by PhD Students Emma Gilmartin and Sarah Johnston, the roles of fungi in death and decay of trees and also their crucial roles in feeding and protecting trees from pathogens
- Transformational nature (Kew Gardens) – secrets of natural form, plant intelligence and the ageing process. Covering tree architecture Sensory information and communication. Adaptation, life change and process. Francis Halle, Stefan Mancuso, Howard Thomas, Monica Gagliano, Neville Fay
- AA Western Branch seminar at Ashton Court led by Prof. Lynne Boddy of Cardiff University, supported by PhD students Emma Gilmartin and Sarah Johnston, illustrating roles of fungi in death and decay of trees, and also their crucial roles in feeding and protecting trees from pathogens.
- Seminar Prof. Dr Claus Mattheck VTA update.
- A new branch attachment model starting from Alex Shigo's model
- A new unpredictable lateral grain failure mode of branches which look absolutely safe
- Possible symptoms for the new failure mode and related risks of misinterpretation
- Relationship between topping, root decay and branch failure due to lateral grain
- Slenderness failures of lion-tail branches versus failures due to vigour and compactness – the unbelievable comes true!
- The life-long fight between branch and trunk
- Conclusions for decay propagation from trunk to branch and vice versa
- Truth and lies in the body language of the 'Chinese moustache' (branch bark ridge) – common errors May 2014
- Seminar Prof. Dr Claus Mattheck VTA update, Shear square method, tensile triangles & force cones. Sac fungi. Age determination of perennial fungal fruiting bodies. How broadleaf trees fight spiral cracks & the biomechanical similarities between the hazard beam crack and spiral crack. May 2010.

- Management of veteran trees in historic gardens (N.Fay & T. Green) Nov 2008
- Seminar XII TEP Trees, Roots, Fungi, Soil Nov. 2008
- Picus masterclass July 2008
- Mattheck VTA update May 2008
- Seminar IX TEP Fungal Decay Process & Applied Engineering Nov. 2007
- Seminar V11 TEP Tree Morphology 2 June 2007
- Seminar VI TEP The future of Tree risk management September 2006
- Seminar V TEP Tree morphology March 2006
- Decay Detection Master class (Picus Sonic Tomograph) May 2005
- Principles of Tree Risk Assessment & Management Silwood Park 2002
- Principles of Tree Risk Assessment – July 2002
- Tree Mechanics with Dr Claus Mattheck – 2002
- Biology of Decay in Trees – Hatfield Forest – November 2001
- Trees and the Law Leicester Racecourse 2001
- Modern Arboriculture – a system approach to practical tree care – Dr Alex Shigo – 1992
- Bat survey training (Various) 2001-2010