

General Specifications

All native species shall be certified as being of local provenance (Forestry Commission Practice Note 8).
 Unless otherwise stated all planting stock shall comply with the Horticultural Trade Association National Plant Specification where applicable.
 All plants will be supplied, handled, planted and maintained in accordance with CPSE 'Code for Handling and Establishing Landscape Plants' unless stated otherwise.
 Weeds and grass shall be removed from within 1m of any planting area. Planting should not be undertaken if the ground is frozen or waterlogged.
 All existing trees and hedges shall be protected in accordance with BS5837 for the duration of the works.

Hedge Planting
 Hedging plants are to be planted in a double staggered row, 450mm apart, with 7 plants per linear metre. Hedges shall be planted into soil with a minimum depth of 400mm.
 Hedges shall be notch planted or trench planted. Hedge trenches should be a minimum of 400mm deep and 600mm wide and shall be cultivated to a depth of 300mm. Trench planting shall not be used within the root protection area of any existing tree.
 Notch planting will take place using a slit of sufficient size to take the untrimmed roots without unnecessary force being applied. Container grown plants shall be planted into a pit just large enough to accept the container within which they have been grown.
 All plants are to be planted so that the top of the nursery mark is level with the final soil level. The plants are to be firmed in so that a gentle tug will not remove them from the soil. All pots shall be thoroughly wetted before planting and all plants shall be thoroughly watered in once planting is complete.
 All transplants shall be protected with a 400mm high plastic spiral rabbit guard supported with a 750mm stake or cane.

On completion of planting all hedges shall be mulched with 600mm wide by 75mm deep layer of medium textured mulch conforming to PAS 100.

Shrub Planting
 Shrubs shall be individually planted into a pit just large enough to accept the container within which they have been grown. Shrubs shall be planted into soil with a minimum depth of 400mm. Where topsoil is to be incorporated into any shrub planting bed then this shall be gently mounded towards the centre to allow for settlement.
 All shrubs are to be planted so that the top of the nursery mark is level with the final soil level. The plants are to be firmed in so that a gentle tug will not remove them from the soil. All pots shall be thoroughly wetted before planting and all plants shall be thoroughly watered in once planted.
 On completion of planting all shrub beds shall be mulched with a 75mm deep layer of medium textured mulch conforming to PAS 100. This should extend to a minimum of 1m around each plant.

Tree Planting
 All planting stock shall conform to the requirements of BS8545 clauses 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6, 8.3.7, 8.3.8, 8.4.5 & 8.4.6.
 All planting stock shall be handled in accordance with BS8545 clauses 9.3.3, 9.3.4, 9.3.5, 9.4.1, 9.4.2, 9.4.3, 9.4.4, 9.4.5, 9.5.4, 9.5.7 & 9.5.8.
 Tree planting shall be undertaken in accordance with the following requirements:

- Planting Pit**
- The planting pit shall have a diameter 75mm greater than the root system.
 - The planting pit shall be no deeper than the container.
 - The base of the planting pit shall remain undisturbed and the sides roughened to remove any smearing.
 - Soil excavated from the planting pit shall be retained and used as backfill. Any contaminants or items over 50mm shall be removed.
- Planting**
- The root system shall be thoroughly wetted prior to planting.
 - The tree shall be planted so that the root flare is clearly visible above the final surface of the soil. Allowance shall be made for soil settlement after planting.
 - Only soil excavated from the planting pit shall be used as backfill. Backfill will, as far as is reasonably practicable, replicate the horizons within the original soil profile.
 - Backfill will be added in layers of between 150mm and 230mm. Each layer shall be consolidated to remove air pockets and ensure thorough contact with the root system. Excessive compaction shall be avoided.
 - The final layer of backfill will not be consolidated and will be of sufficient depth to allow for settlement and mulching.
 - The planting pit shall be watered to saturation point immediately after planting.
 - A 50mm to 100mm deep layer of good quality weed and contaminant-free mulch shall be applied to the planting pit. Mulch will not contact the base of the stem.

- Support System**
- The support system shall be installed immediately after planting. This will consist of two 75mm diameter softwood stakes driven a minimum of 400mm into the soil and joined with a 100mm x 38mm timber cross member.
 - The cross member shall be fixed at a height equal to 1/3rd of the tree's clear stem (approximately 600mm).
 - The tree shall be secured to the cross member using rubber belting and a spacer block secured with galvanized nails.

Post Planting Maintenance
 Once planted the following post planting maintenance shall be carried out for a period of no less than 2 years:

Hedges and Shrubs
 If the roots of newly planted hedges or shrubs are loosened after frost or wind, the soil should be re-firmed as soon as possible to exclude air pockets from around the roots.
 Mulch should be topped up annually to a minimum depth of 75mm for a period of at least 2 years.
 Weeding should be carried out as necessary by manual or chemical means. Herbicides should be applied strictly in accordance with the manufacturer's instructions and any relevant legislation.

Trees
 Once planted the following post-planting maintenance shall be carried out for a period of no less than 5 years:

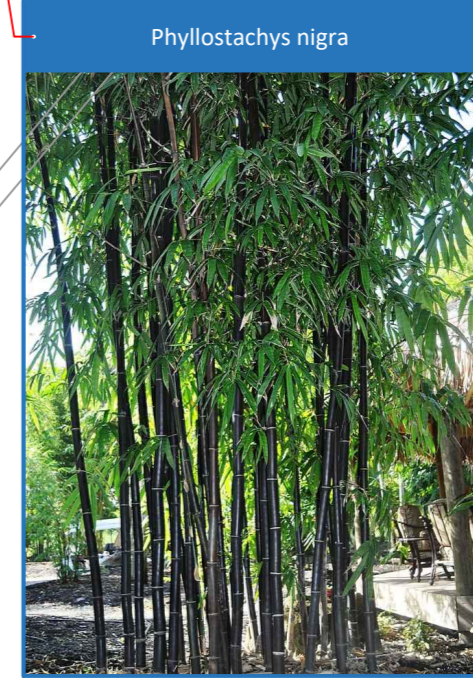
- The moisture content of the rootball shall be regularly monitored and irrigation undertaken when required. The rootball, planting pit and surrounding soil shall be irrigated to ensure that it remains moist, but not waterlogged, at all times. Water shall be applied slowly and in sufficient volume to ensure that it moistens the soil to the full depth of the rootball.
- Formative pruning shall be carried out as required. All formative pruning shall be undertaken in accordance with BS3998.
- All stakes and ties shall be checked annually to ensure that they remain functional and are not causing damage to the tree. Stakes and ties will be adjusted or replaced as required. All stakes and ties will be removed as soon as the tree is self supporting (usually after 2 years).
- The area around the base of each tree shall remain free from competing vegetation and weeds.
- Mulch shall be replenished annually. A build up of mulch around the base of the stem will be avoided.
- Trees shall be inspected annually by a suitably experienced and qualified person. Any pest, disease or nutrient deficiency will be addressed promptly and as required.



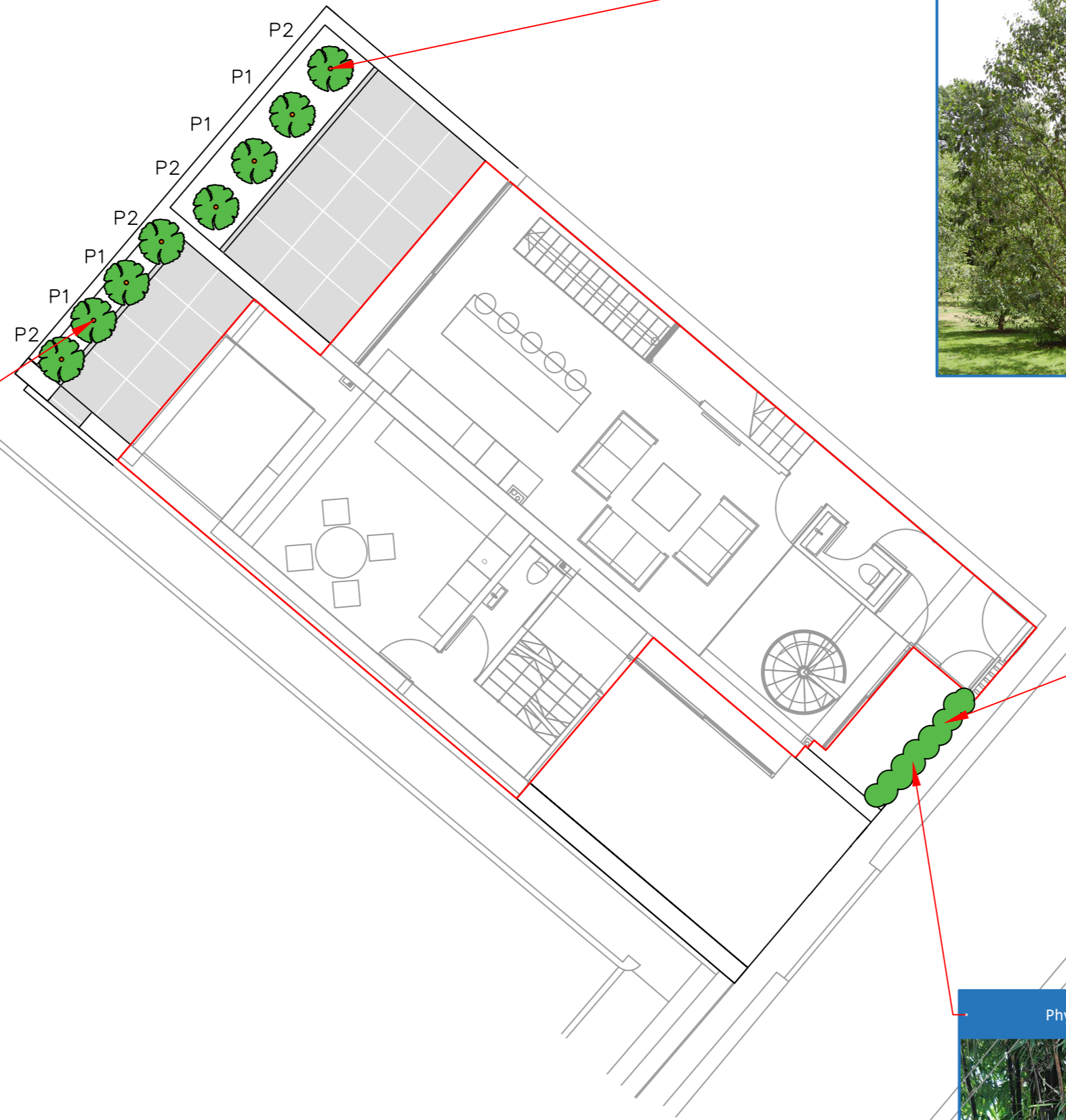
P1 - Amelanchier lamarckii



P2 - Betula albosinensis

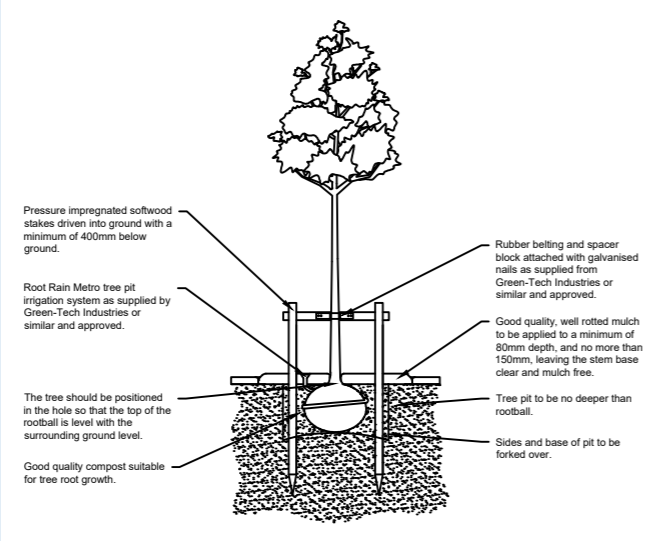


Phyllostachys nigra



Hedge A (3m)

PROPOSED TREE PLANTING SPECIFICATION



Planting Specification:

- All planting stock shall comply with the Horticultural Trade Association National Plant Specification and BS 3936 1991 Part 1.
- Plants shall be prepared, handled, planted and maintained in accordance with the CPSE Code of Practice for the Handling & Establishment of Plants.
- All trees and shrubs shall be planted in accordance with BS8545:2014, BS4428:1989 and any other specification provided within this document.
- All topsoil shall comply with BS3882:2007 unless otherwise specified.
- All compost shall conform to PAS 100.

Tree Planting

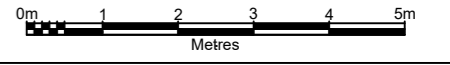
Num ber	Species	Height	Girth	Container Size/ Specification	Density
P1 x 4	Amelanchier lamarckii	3-4m	12-14cm	35-65L Container Grown	As per plan
P2 x 4	Betula albosinensis	3-4m	12-14cm	35-65L Container Grown	As per plan

Hedge A

Num ber	Species	Height	Pot Size	Specification	Density
4	Phyllostachys nigra	2.5-3m	35-65L	Container Grown	1 per linear 0.75m

KEY

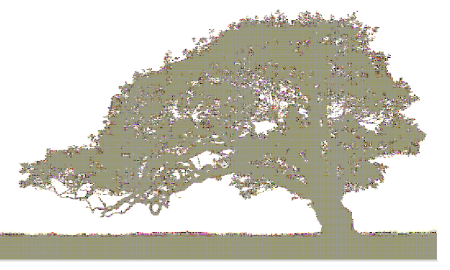
- TOPOGRAPHICAL SURVEY DETAIL
- PROPOSED TREE PLANTING
- PROPOSED HEDGE PLANTING



Notes:
 Drawing is based upon Site Survey.dwg

Proposed drawing details taken from Proposed Basement and Ground Floor.dwg

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Drawing Title
 Landscape Plan

Rev. Details **Date**

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Project No 20 1843	Surveyed by KM
Drawn by JB	Checked by KM
Date 20/07/2019	Scale 1:100@A2

Drawing Number 20 1843 LP 001 | Rev -