### **Outline Specification Notes**

- Setting out check that all setting out conforms to the plan before cultivation and planting works are carried out. With narrow beds between walls/ fences and path edgings, ensure that the bed has space free from concrete footings before planting. If the bed is sealed with concrete, then the landscape contractor shall contact the site manager or landscape architect to determine the correct course of action. The arrangement of all beds will be checked by the inspecting landscape architect and where it is not as drawn, the works will be rejected and the contractor shall re-cultivate them to the specified arrangement at the contractor's expense.
- Notice give one weeks notice before: Setting out; applying herbicide; applying fertilizer; delivery of plants/ trees; planting shrubs and trees into previously dug pits; watering; visiting site during maintenance period.
- Imported topsoils shall be of high quality, conforming to BS 3882:2015 for planting beds. Soil texture class: sandy loam, loam (maximum 20% clay). Do not firm, consolidate or compact topsoil when laying. Preserve a friable texture of separate visible crumbs wherever possible.
- Subsoil surface preparation for ornamental planting beds excavate and/ or place fill to required profiles and levels. When ground conditions are sufficiently dry to allow breaking up of soils, loosen thoroughly to a depth of 450mm. Remove from site stones larger than 50mm and any arisings, contamination and debris. Do not use mechanical tools within 100 mm of tree and plant
- A 50mm layer of PAS100 certified should be worked into the top 100mm of topsoil within areas of ornamental planting beds.
- Mycorrhizal inoculants, such as RootStart® mycorrhizal fungi for urban soils available from GreenBlue Urban Ltd. should be applied to tree pit planting holes, where trees are to be planted
- Ensure soil of all planting beds is graded to a level of at least 85mm below adjacent paved surfaces to ensure bark or wood chip mulches are retained.
- Following planting supply and spread evenly Melcourt Industries 'Ornamental Bark Mulch' (or similar and approved) to a depth of 75mm, over all planted areas. Finished mulch levels shall be no higher than 15mm below pavement or grass levels to avoid any spillage onto pavements or
- General plant and tree condition All plants and trees should be in good condition; materially
- undamaged, sturdy, healthy and vigorous. • Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discoloration, weeds and physiological disorders.
- Budded or grafted plants: Bottom worked.
- Root system and condition: Balanced with branch system.
- All plants shall be true to name, forms, dimensions, provenance and other criteria specified in the schedule of plants and adhere to the minimum number of breaks as determined in the plant schedule and/or HTA National Plant Specification. Any stock falling below this standard, in the sole opinion of the inspecting landscape architect, shall be lifted and replaced at the contractor's expense.
- 0. Substitutions Submit alternatives where plants/ trees are unobtainable or known to be likely to be unobtainable at time of
- ordering. Approval must be obtained before making any substitutions.

#### Biosecurity, labelling and documentation

- All plants must be grown in the United Kingdom for at least one growing season (or as required for biosecurity purposes) unless otherwise approved.
- All plants and trees, on delivery to site must be clearly labelled with their full botanical name;
- supplier's name; employer's name and project reference; country of origin and plant specification, in accordance with scheduled National Plant Specification categories.
- Plant passports must be supplied and retained as required by the APHA and for all plants on the EU Xylella fastidiosa host list.
- Source from known suppliers or visit suppliers to view their processes, procedures, bio-security
- arrangements and the plants they grow. • Make sure that imported plants both originate from and are sourced from disease free areas.

### Time of year and conditions acceptable for planting

- All reasonable care should be taken to ensure that planting takes place in the best conditions to ensure that plants establish well and thrive.
- Soil should be moist, and not waterlogged or frozen. • The best time to plant most containerised plants is in mid-autumn or early/mid spring although
- with careful watering and aftercare planting of containerised plants can take place year round in good conditions.
- Rootballed and bareroot plants can only be planted in the dormant season from late October to March (in good conditions). When the programme requires planting to be carried out outside
- of these times, all rootballed and bareroot plants must be substituted for equivalent container
- Plant bulbs, corms and tubers in autumn (late september/ october) unless otherwise recommended by sound horticultural advise.
- 3. Shrub to be planted in pits wide enough to accommodate roots when fully spread and 75 mm
- deeper than root system. Break up the bottom of the pit to a depth of 150 mm, incorporating soil ameliorant/ conditioner at 50 g/m<sup>2</sup>. Water thoroughly immediately after planting and lightly firm
- 4. Trees to be prepared and transplanted in accordance with BS 8545.
- 5. Watering wet full depth of topsoil.

**Latin Name** 

Betula pendula

Heavy Standard

• Application: Even and without damaging or displacing plants or soil. • Frequency: As necessary to ensure establishment and continued thriving of planting.

Common Name

Silver Birch

Plant Schedule Number of

Qty

ID

R.B. Root Ball

Shrubs										
Prunus Iusitanica 'Angustifolia' 20L	Portuguese Laurel		PIA-20L	33	20L	150-175cm	600			
Weigela florida 'Rosea'	Weigela Rosea		WfR	11	5L	30-50cm	500			
Plant Mixes	Area	%	Qty	Lat	in Name	Common Name		Containe (Litres)	r Height (cm)	Rate/ Spacing
Screening Hedge Mix	53,8 sq m									0
		45	72	Viburnum	opulus	Guelder Rose		WHP		3 Plants/sq m
		20	32	Prunus lusi 'Angustifo		Portuguese Laur	rel	10L		3 Plants/sq m
		35	57	Ligustrum	vulgare	Common Privet		WHP		3 Plants/sq m
Latin Name	Common No	ıme	Qty	Contain Root		t (cm) Form		Girth	Number of	Min Clear

Container

(Litres)

Height (cm)

(mm)

breaks

(min)

breaks (min) Stem (cm)

175-200cm

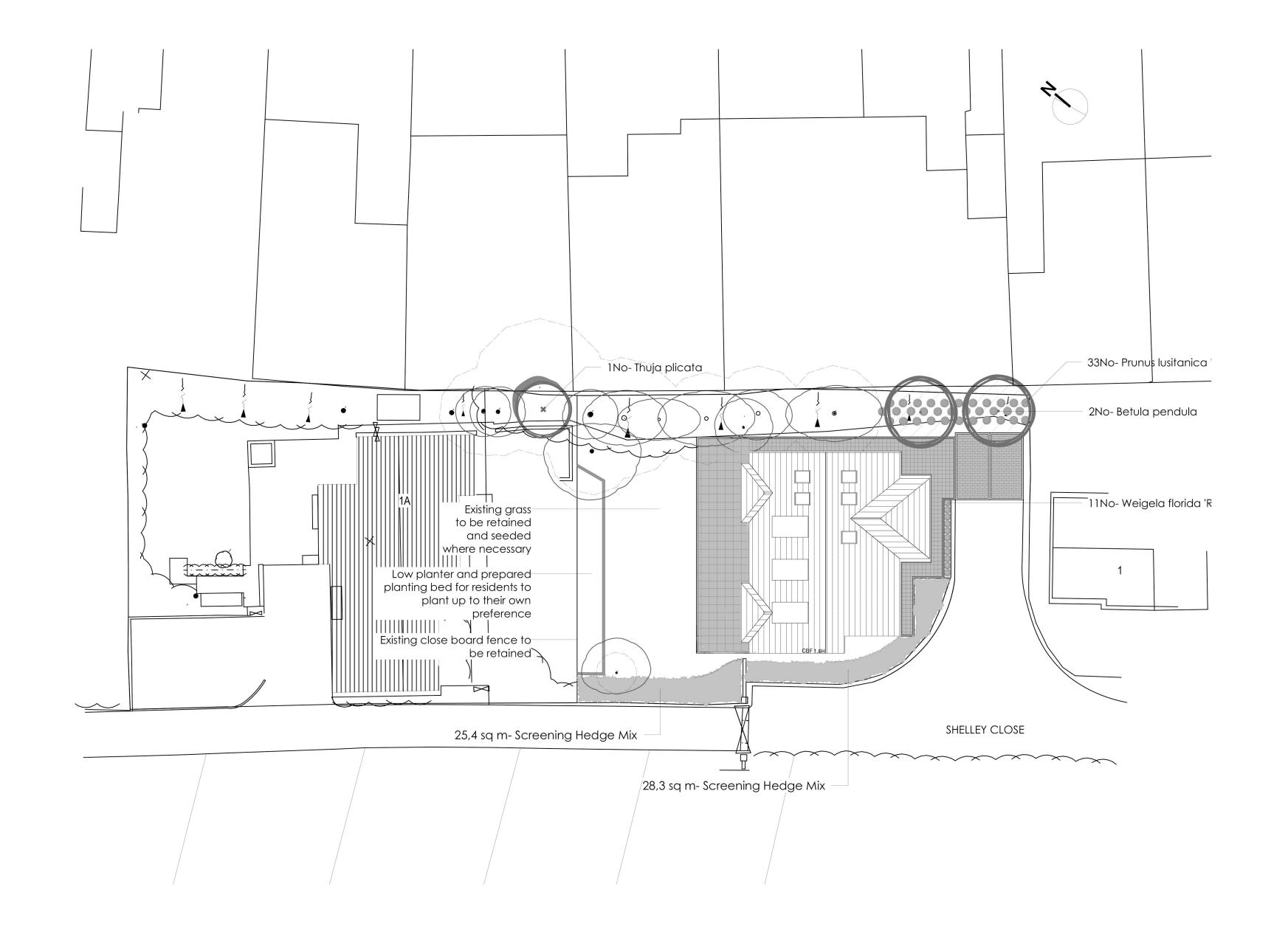
Thuja	Thuja plicata Western Red Ceo		1	65L	300cm	S	N/A			
Abbr	eviations									
FTH	Feather	EHS	Extra Heav	vy Standard	Whips,	Whips, rootballed and bagged trees should only be planted during				
LS	Light Standard	AHS	Advanced	d Heavy Standard		the dormant season (October-March). Otherwise only containerised				
SS	Select Standard		Semi-Matu	ure	stock v	stock will be accepted.				
S	Standard	WHP	Whip							

425-450cm

**EHS** 

condition

75L



# INSET 1 - STANDARD TREE WITH DOUBLE STAKE

Treated softwood timber crossbar, firmly fixed with galvanised steel nails on Tree ties to be expandable windward side of tree and as • rubber with spacer block, fixed close as possible to the stem to stake with heavy duty without making contact with the galvanised nails. Tie should be bark. Position cross bar firm to ensure against abrasion horizontally and 25 mm from top "but not too tight as this may of stakes. constrict the stem. Treated softwood timber machine -Tree stake and crossbar round tree stakes, 75mm Ø, driven Rubber block/ spacer into ground at least 600mm to Tree stem provide full support with 1000mm above ground. Rubber tie Plant the tree at the same level 75mm depth Melcourt Industries as the surrounding soil, or slightly 900mm Limited 'Ornamental Bark higher to allow for settlement, Mulch' ensuring that the root flare of the newly planted tree is clearly Tree pit to be square and at least visible at the soil surface and not 75mm greater then the rootball.

Back fill to be subsoil, with the

top 400mm to be topsoil (see outline specification notes).

around the rootball.

Mycorrhizal fungi to be applied

covered by soil or mulch.

and/or spiked to ensure

adequate drainage.

Base of tree pit to be broken up

## **General Notes**

Contractor must verify all dimensions, levels and existing service alignments on site before commencing any work or shop drawings. Any discrepancy concerning the drawings/quantities should be referred to the Landscape Architect immediately.

Only figured dimensions to be taken from this drawing. Do not scale off this drawing. All landscape drawings to be read in conjunction with the landscape specification and all relevant engineer's and architect's drawings/specifications. This drawing is Copyright and must not be reproduced without consent of Guarda Landscape.

### Softworks Key

Indicative position of existing trees Indicative RPA in dashed blue line. Refer to Tree Constraints Plan by Arbol Euroconsulting Ltd. for root protection areas and further existing tree information



Proposed extra heavy standard tree (EHS) with double stake and tie (refer to Inset 1)

with 75mm depth bark mulch to



specification

specification

Prunus Iusitanica 'Angustifolia' to continue existing hedge With 75mm depth bark mulch to

Ornamental Planting Bed

Screening Hedge 45 % Viburnum opulus, 35 % Ligustrum vulgare, 25 % Prunus lusitanica 'Angustifolia'. To be

planted in groups of 5 or 7 plants. With 75mm depth bark mulch to

Hardworks Key

Parking space

specification

240 x 160 mm concrete blocks to be laid in stretcher bond. To be mid grey and textured. Graphite mistral paving available from Marshalls or similar and approved 205 mm wide Conservation kerb/edge unit - Colour: Charcoal - Finish : textured Available from Marshalls or similar and approved

Mid grey 600 x 600 mm concrete flags to be laid regular. To be sawn. Modal paving available from Marshalls or similar and approved

205 mm wide Conservation edge unit - Colour : Charcoal - Finish : textured Available from Marshalls or similar and approved

400 x 400 mm concrete flags to be laid regular. To be mid grey and textured. Modal paving available from Marshalls or similar and

205 mm wide Conservation edge unit - Colour : Charcoal - Finish : textured Available from Marshalls

or similar and approved

Timber low retaining wall

planting

Approximately 280mm high retaining wall. Ungrooved Chamfered Landscape Timber. Planed Finish. Section to be 140 x 140mm. Colour to client's specification. Planting area to prepared for residents to plant up to their own preference (refer to General Specification). 75mm depth bark mulch to specification after

P02 09/06/20 Revised to Client's comments MC CX

MC CX

P03 11/06/20 Revised to Arboriculturist's

P01 05/06/20 First issue MC CX Rev Date Comments Dr Ch

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Drawing Title Detailed Hard and Soft Landscape Proposals

Scale 1:200 @ A1 Planning Drawing Number Project Revision 2030 GUA-DR-L-002 P03 Date Drawn Checked MC  $\mathsf{CX}$ June 2020

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