

File name: \\UK.VSPGROUP\CONCENTRAL DATA\PROJECTS\70088163\WOODGATE HILL LANDSCAPE.DWG, printed on 18 August 2022 16:21:52, by Evans, Gwyn

Plant Schedule

Trees

Number	Abbreviation	Species	Girth	Specification	Density
252	BET PEN	Betula pendula	1+1	:Transplant :BR	1/m²
252	QUE ROB	Quercus robur	1+1	:Transplant :BR	1/m²
335	SALCA	Salix caprea	1+1	:Transplant :BR	1/m²

Planting Notes

Site Clearance

Vegetation Removal

- Vegetation clearance works to be carried out in accordance with UU Standard Specification S08 'Environmental Management'. - Areas of dense scrub, including bramble to be strimmed and cut back to ground level prior to the application of herbicide, to increase the likelihood of treatment of the below ground root systems.
- All arising to be removed from Site to a recycling facility.
- Where isolated numbers of existing trees are required to be removed in order to facilitate the construction phase of the works as identified upon site clearance drawing, the Contractor in the first instance shall verify that their removal is permitted in line with UU Standard Specification S08 'Environmental Management'. The Contractor shall grub up roots and dispose of without undue disturbance of soil and adjacent areas.

Ground Preparation

Herbicide Application

- The Contractor shall be responsible for the management, control and prevention of the spread of weeds throughout the works and until handed over. Controls include mowing, strimming, flailing, by hand, or through pesticide, including control or eradication (when required) of weeds listed in the Weeds Act or the Wildlife and Countryside Act, Schedule 9, part 2.
- The use of pesticides on potable water assets is prohibited unless specific permission is provided by the Project Manager. Water assets include and may not be limited to water treatment works, services reservoirs, open water reservoirs, borehole locations, and sampling points.
- Within areas where topsoil is to be stripped and reused the Contractor shall apply a suitable translocated non-residual herbicide in accordance with guidance as set out within United Utilities Standard Specification - Appendix A. This shall be completed not less than two weeks before excavating the topsoil.
- Use of pesticides in or near water requires consultation with the EA. The Contractor shall ensure that the appropriate consent (AqHerb01) is obtained from the EA, when necessary.

Stripping topsoil

- The Contractor shall ensure, where work affects site-won soil or are to have soil imported, that they are carried out following BS 3882 and BS 8601.
- Prior to any excavation or filling works, the topsoil shall be stripped to an average depth of 200 mm. If the depth of top soil is difficult to determine, the Contractor can survey the area to be stripped and agree the depth with the Project Manager.
- The Contractor shall not remove topsoil from below the spread of trees to be retained.
- If sub soils are to be stored and excavated they shall be kept separate from the top soil.
- The stripping or handling shall be carried out following BS 3882. Handling of the topsoil shall be kept to a minimum to avoid damaging it.
- Aggressive weeds are defined in the Weeds Act, section 2 or the Wildlife and Countryside Act, Schedule 9, part II. If any of these are found in topsoil to be stripped the Contractor shall agree the method of working with the Project Manager prior to commencing.
- Topsoil should be carefully managed to prevent contamination. The Contractor shall not mix topsoil with:
 - Subsoil, stone, hardcore, rubbish or material from demolition work
 - Other soil or material containing aggressive weeds, sharps, plastics and non-soil forming materials and notifiable animal or plant diseases
 - Oil, fuel, cement or other substances harmful to plant growth
 - Other classifications of topsoil
- If the Contractor contaminates the top soil that is to be used in the working area then they shall source a suitable alternative for importing to the works.

Handling subsoil

- The stripping or handling shall be carried out following BS 8601. Multiple handling shall be kept to a minimum to avoid damaging it.
- The Contractor shall not mix subsoil with:
 - Topsoil, stone, hardcore, rubbish, or materials from demolition work
 - Other soil or material containing aggressive weeds, sharps, plastics and non-soil forming materials and notifiable animal or plant diseases
 - Oil, fuel, cement or other substances harmful to plant growth

Topsoil Storage Heaps

- Site won and imported top soil shall be stored to prevent degradation and contamination. The Contractor shall submit proposals to the Project Manager for acceptance as per the Soils Resource Plan detailed in UU Standard Specification S08 'Environmental Management'.
- Topsoil shall be stored in a maximum height of 2m, with a maximum width of 5m in accordance with BS 3882. The stockpile will be formed by loosely tipping the top soil, shaping from the side only and without running machinery on the heap at any time.
- The topsoil shall be protected after being placed for storage. The Contractor shall not place any other material on top of storage heaps and shall not allow construction plant to pass over storage heaps. To prevent compaction and contamination, the Contractor shall segregate the material by fencing and covering as appropriate.
- The topsoil shall be protected from surface water runoff and erosion as part of Surface Water Management Plan as detailed in UU Standard Specification S08.

Topsoil Storage Heap Treatment

- To prevent the formation of weeds, topsoil which has been placed for storage shall be sowed with perennial ryegrass, sowing rate 20g/m2.

Reinstatement of Land Impacted by the Works including Construction Access and Compounds

- Proposals for reinstatement shall be accepted by the Project Manager prior to any works commencing. The land shall be restored as closely as possible to its original condition unless alternative agreements have been made.
- Surface of all land affected shall be broken up to the minimum depth below finished levels.
 - Grass, ground cover and perennial planting: 500mm
 - Shrub planting: 750mm
 - Within 2 m of tree planting: 1000mm
- Prior to spreading subsoil the receiving area shall be decompacted to increase permeability. Over-compaction shall be loosened by deep ploughing or using ripping equipment.
- Stones and extraneous material greater than 50mm in size shall be cleared before placing of topsoil.

United Utilities

The following notes should be read in conjunction with United Utilities Standard Specification C08 'Landscape Works' (Feb 2021) and UU Standard Specification S08 'Environmental Management'.

Soft Landscaping

General

- Contractor to confirm positions of all buried utilities prior to commencement of landscape works. Proposals positioning in relation to underground services are subject to further on-site ground and utilities investigation.
- Existing trees to be retained should be protected during construction as per BS 5837.
- Plant material to conform to the National Plant Specification. Plant handling and planting operations to be in accordance with HTA 'Handling and Establishing Landscape Plants', Parts I-III.
- Any imported topsoil and subsoil must comply with BS3882:2015 and BS8601:2013.
- If site-won soil is to be used, it must be tested by a qualified soil scientist and be deemed suitable for landscaping use.
- Peat-free compost and products must be used.

Trees

- Planting the trees should be carried out in accordance with British Standard BS:8545 2014.
- Planting season: Late November to late March.
- Transplants to be notch planted, using a T notch, top 100mm of grass to be turned and laid upside down around base of transplant.
- All trees to be protected with 60cm high biodegradable tree guards and bamboo canes.
- Ensure pit free of rubble or concrete before backfilling with soil, compost and fertilizer mix.
- The root-stem transition should be slightly below soil level.
- All planting stations to be protected using a 600 x 600mm biodegradable mulch mat, fixed using wooden pegs. Green manure 1m diameter around the base of each tree.

Maintenance

General

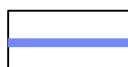
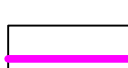
- Keep area litter free.

Trees

- Undertake basic formative pruning only or to ensure good health of the tree i.e. if signs of disease or damage from vandalism.
- No pruning to take place during bird nesting season (March-August).
- Keep area around base of tree weed free.
- With the exception of individual strimming, no additional mechanical grass cutting machinery is to be used within a 0.5m radius around the base of each tree
- Check stakes and tree ties and tighten/loosen if required every 6 months, and after storm events.
- Replace dead or dying trees each winter with a like-for-like replacement (as trees mature the replacements will need to be of a size consistent with the surrounding trees).
- Remove stakes and ties when they are no longer required (after a minimum of 2 years).

DO NOT SCALE

Key:

-  Site boundary
-  Ownership boundary
-  Utility main location and assumed easement. Easement must be confirmed by relevant utility company.
-  Proposed Native Tree Planting
-  Proposed timber stock-proof fencing with lamb netting and single barb-wire.

NOTES:

- Do not scale from this drawing, any dimensions show are indicative only and are subject to verification onsite.
- The contractor is to set out, check and co-ordinate all dimensions on site during the course of the works.
- This drawing is to be read in conjunction with all other plans, structural calculations and specifications.
- All works to be carried out in accordance with the latest appropriate codes of practice.
- Verify the boundary lines and ground conditions, including checking of all the services (gas, water, electric, telecom and sewers) prior to any excavation work.
- This drawing has been produced in colour. Black and white prints of the drawing cannot be relied on.
- SEE DRAWING: 70088163-WSP-DR-LA-101 FOR LANDSCAPE PLANTING PLAN
- Refer to Preliminary Ecological Assessment for Preliminary Avoidance, Mitigation and Compensation Measures for protected species.

P03	18.08.22	GE	Minor edits to notes	AW	AW
P02	08.08.22	GE	Amended schedule and notes	AW	AW
P01	21.07.22	GE	First Issue	AW	AW
REV	DATE	BY	DESCRIPTION	CHK	APP

DRAWING STATUS:	PLANNING
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No 8 First Street, Manchester, M15 4RP, UK
T+ 44 (0) 161 200 5000
wsp.com

CLIENT:



PROJECT:	Woodgate Hill
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TITLE:	Landscape Planting Plan
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SCALE @ A1:	NTS	CHECKED:	AW	APPROVED:	AW
PROJECT No:	70088163	DESIGNED:	GE	DRAWN:	GE
				DATE:	08/08/2022

DRAWING No:	70088163-WSP-DR-LA-102	REV:	P03
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