



Typical Section Through Areas Of Soft Landscape
Scale: 1:20 at A1

- NOTES**
- All dimensions in millimetres unless otherwise shown.
 - All levels in metres above Ordnance Datum (mAOD) unless otherwise shown.
 - All dimensions to be checked on site and any discrepancies reported to Employer before pricing / work starts.
 - Any ambiguities or discrepancies within this drawing and any other information given elsewhere must be reported to Camlins and the Employer for clarification before pricing work proceeds.
 - All drawings to be read in conjunction with other Camlins drawings and specification information as appropriate.
 - Refer to relevant Engineers' and Architects' information as appropriate for confirmation of all engineering and architectural details.
 - All works to be carried out in accordance with the latest British Standards and appropriate codes of practice as a minimum.

IMPORTED TOPSOIL & SUBSOIL

- 300mm depth of topsoil and 300mm depth of subsoil for areas of perennials and shrub planting.
- 300mm depth of topsoil and 500mm depth of subsoil for areas of large shrub and tree planting.
- Topsoil must never be installed to a greater depth than 300mm.
- Topsoil to comply with BS 3882.
- Topsoil to be a well structured sandy-loam and free from stones or any other contaminants.
- Topsoil must never be contaminated with other material, including hardcore.
- Topsoil must never be laid over standing water or sodden ground.
- Topsoil must never be overcompacted.
- Manufactured topsoil to comply with BS 3882.
- Manufactured topsoil to have a maximum aggregate size of 50mm (no more than 10% of soil to be made up of 25-50mm stones).
- Subsoil to comply with BS 8601.
- Subsoil Organic Matter Content to be no more than 1.5%.
- All imported topsoil and subsoil to be sourced from a reputable source and to be friable, free-draining and uncompacted.

Possible Supplier
Freeland Horticulture Ltd
Rosedale Nursery, College Road, Hextable, Kent BR8 7LT Tel.: 01322 619 161
<http://www.freelandhorticulture.co.uk/locations-contact.html>

Representative sample of all imported topsoils and subsoils to be provided to Landscape Architect for approval a minimum of 4 weeks in advance of bulk delivery to site.
Contractor to allow for the appointment of a Soil Specialist to independently assess the condition of all imported topsoil and subsoil. Contractor must not rely on the suppliers documentation.

Possible Supplier Soil Analysis
Tim O'Hare Associates Soil & Landscape Consultancy
Howbery Park, Wallingford, Oxfordshire, OX10 8BA Tel.: 01491 822 653
<http://www.timohare-associates.com/contact.php>
For confirmation of soil areas refer to Drg. No. LL490-250-0061 Growing Medium Formation Plan.

EXISTING AREAS OF TOPSOIL & SUBSOIL

- Ground Investigation Report to assess existing soil conditions.
- Contractor to allow for the appointment of a Soil Specialist to independently assess the condition of all retained topsoil and subsoil.
- Contractor to provide Method Statement that confirms proposed method of temporary topsoil storage.
- Soil Specialist to provide detailed Method Statement for the handling of retained topsoil and subsoil to ensure it is fit for future planting proposals. This Method Statement will confirm any additional compost requirements, remediation measures and methods of stripping and temporary storage to ensure that existing topsoils are friable, free-draining and uncompacted.
- Strictly no compaction to occur of all existing topsoil areas to be retained. Any compaction that does occur must be rectified by the Contractor to the approval of the Landscape Architect.

Possible Supplier Soil Method Statement
Tim O'Hare Associates Soil & Landscape Consultancy
Howbery Park, Wallingford, Oxfordshire, OX10 8BA Tel.: 01491 822 653
<http://www.timohare-associates.com/contact.php>

MULCH

Where planting beds are to be mulched finished level of topsoil to allow for future installation of nominal 50mm deep layer of bark mulch.

All planting beds to be mulched with 40-60mm depth ornamental grade bark mulch.
Mulch to be 3-35mm particle size, less than 5% wood content, minimal dust and fines. Ph 4.5 - 5.5. Sourced from Pine, Douglas Fir bark. UK origin. FSC chain of custody certified.

UNDERGROUND TREE ANCHORING SYSTEM

Each tree to be secured with underground Tree Anchoring System consisting of heavy canvas straps/guys looped around 3no. 'deadmen' (e.g. railway sleeper or pcc kerbs) placed at bottom of pit. Protective mat to be utilised ensure guying system does not cut into root ball. All ratchet to be installed to side of root ball.

Tree anchoring system to be 'Platipus Tree Anchoring Deadman System Ref: RF2RDM' or similar as supplied by Platipus Tree Anchoring Systems.

Possible Supplier
Platipus Tree Anchoring Systems, Kingsfield Business Centre, Philanthropic Road, Redhill, Surrey RH1 4DP
Tel.: 01737 762 300
<http://www.platipus-anchors.com/applications/tree-and-irrigation/deadman-system---plati---mat/>

TREE IRRIGATION / AERATION SYSTEM

Irrigation/aeration system to be 60mm pvc perforated pipe installed around shoulder of root ball within growing medium. Aeration pipe connected to surface with vertical pipe of same specification and tee sections as required. (This dedicated tree irrigation/aeration system is in addition to any automatic irrigation system).

Possible Supplier Irrigation/Aeration System
GreenBlue Urban, Haywood Way, Hastings, East Sussex TN35 4PL
Tel.: 01424 717 797
Irrigation pipe to be 'RootRain Urban' or similar as supplied by GreenBlue Urban.
http://greenblueurban.com/product_item/rootrain-urban/

ROOT PROTECTION AREA OF EXISTING TREES

Works within this area are subject to strict conditions and must comply with the Arboricultural Method Statement.
All tree protection to be compliant with BS 5837:2012

IRRIGATION SYSTEM

Exact location to be co-ordinated with M&E Engineer and Employer to ensure that all areas of planting are accessible to 20m hose.

Rev. Date Description Revised by Checked by
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Planting Detail - Ground Level Growing Medium

Status	Stage 4	Drawn by	SW	Checked by	MSS
Drawing Number	SY733-000-0261	Revision	-	Scale	1:200@A1
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