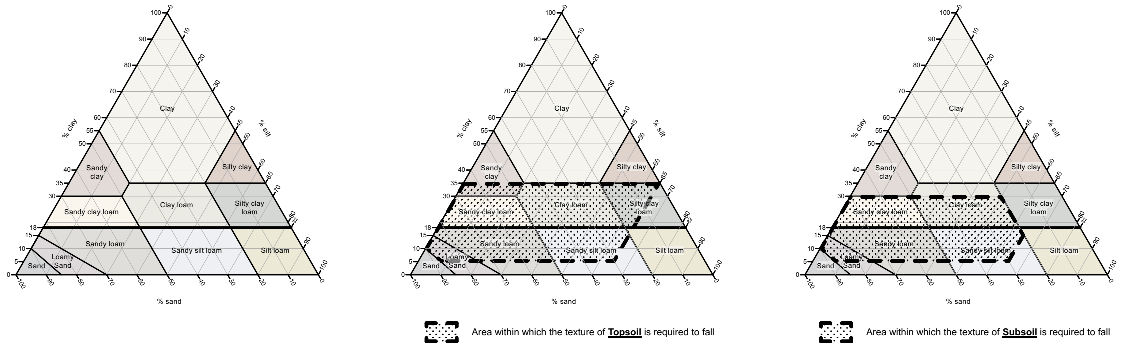
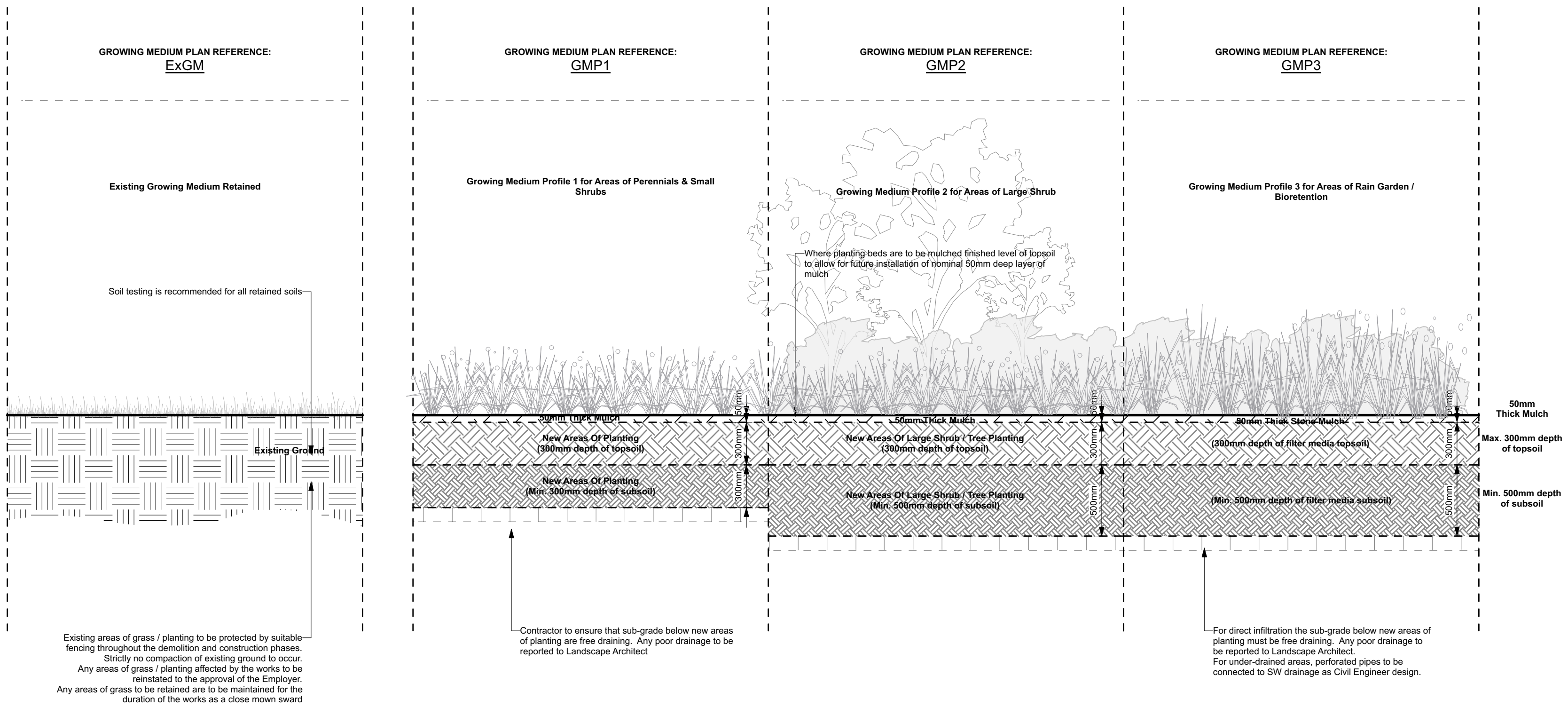


Textural classification for soils



6003
03
(above) Section: Typical Growing Medium Profiles Over Structure
Scale: 1:50

<u>This drawing is to be read in conjunction with growing medium plan</u>

IMPORTED TOPSOIL & SUBSOIL PROFILES
- 300mm depth of topsoil over, 300mm depth of subsoil for areas of perennials and shrub planting.
- 300mm depth of topsoil over, 500mm depth of subsoil for areas of large shrub planting.
- For growing medium tree planting, refer to tree pit details.
- Topsoil must never be installed to a greater depth than 300mm.

TOPSOIL SPECIFICATION
<u>Topsoil to comply with BS 3882.</u>
- Multipurpose Topsoil, unless otherwise specified for specific planting types
- Multipurpose Topsoil to be pH 5.5 - pH 8.5 (unless otherwise specified as specific Topsoil)
- Topsoil to be a <u>well structured soil within the classification area</u> and free from coarse fragments over 50mm or any other contaminants (less than 10% of soil to. be made up of 20-50mm coarse fragments).
- Topsoil must never be contaminated with other material, including hardcore.
- Topsoil must never be laid over standing water or sodden ground.
- Once spread, Topsoil must be protected from all site traffic and storing of building materials on topsoil is prohibited.
- Topsoil must firmed but never be compacted.

SUBSOIL SPECIFICATION
<u>Subsoil to comply with BS 8601.</u>
- Multipurpose Subsoil, unless otherwise specified for specific planting types.
- Multipurpose Subsoil to be pH 5.5 - pH 8.5 (unless otherwise specified as specific Subsoil)
- Subsoil to be a <u>well structured soil within the classification area</u> and free from coarse fragments over 75mm or any other contaminants.
- 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.

EXISTING AREAS OF TOPSOIL & SUBSOIL
- Ground Investigation Report is required to assess existing soil conditions.
- An allowance must be made for the appointment of a Soil Specialist to independently asses the condition of all retained topsoil and subsoil.
- Method Statement is to be provided 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 soil conditioning 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.

MULCH
Bark Mulching
Where planting beds are to be mulched with bark mulch finished level of topsoil to allow for future installation of nominal 50mm deep layer of bark mulch.
Planting beds with bark mulching to be mulched with 40-60mm depth **<u>composted bark fines mulch</u>**.
Bark Mulch to be 0 - 10mm particle size, less than 10% wood content. Ph 5.5 - 7.5.
Sourced from spruce and mixed conifer composted for a minimum 9-10 weeks.
Must be weed seed free. UK origin. FSC chain of custody certified.

Compost Mulching
Where planting beds are to be mulched with compost mulch, finished level of topsoil to allow for the future installation of nominal 50mm deep layer of compost mulch.
Planting beds with compost mulching to be a nominal 40-60mm depth **<u>organic green compost.</u>**
Compost Mulch to be 0-10mm particle size with no stones or woody material.
composting temperatures are checked and maintained at 65-80 °C to ensure all weed seeds are destroyed, for a period of up to 14 weeks
Compost must meet PAS100 standard. UK origin.

Stone Mulching
Where planting beds are to be mulched with stone mulch, finished level of topsoil to allow for the future installation of nominal 50mm deep layer of stone mulch.
Planting beds with stone mulching to be a nominal 30-60mm depth **<u>gravel or crushed stone mulch.</u>**
Stone Mulch to be 15-30mm aggregate size.
Specification of stone mulch is dependant on the local material types, confirmation of gravel type to be confirmed with the Landscape Architect prior to procurement.

NOTES:
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

Revision	Date	Description	Drawn	Apprvd.
P02	12/06/2025	Planning Submission	IF	EL

Planit I.E. Limited
E: info@planit-ie.com W: planit-ie.com
MANCHESTER
2 Back Grafton St , Altrincham, WA14 1DY
T: 0161 928 9281
LONDON
Unit 6 Waterside, 44-48 Wharf Road, London, N1 7UX
T: 0207 253 5678
LIVERPOOL
Tempest 5.3, 12 Tithebarn Street, Liverpool, L2 2DT
T: 0151 363 1230

Client: Grainger

Project: John Street Cardiff

Drg Title: Typical Softworks Details GF

Created on	Created by	Approved by
01-06-25	IF	ED

Scale	Size	Workstage
1:50	A3	Stage 02

Drg No.	Suitability	Revision
3567-PLA-XX-00-DR-L-6003	S4	P01