



The proposed rain garden areas would require 'sandy and free-draining soil' to be imported.

Filter medium (4): The soil would need to be replaced a manufactured product formed from a blend of an appropriately graded mineral component and a suitable organic amendment, such as Bioretention Soil by Green-tech (product code: 190G7353-PRO). This product has been developed around the CIRIA SuDS manual guidelines for filter medium in a SuDS application, using sand and green composts.

The filter medium should be used as a transition layer, 200mm depth. It shall be washed, non-calcareous, be coarse sand/ fine gravel with particle size ranging between 1-4mm.

Drainage gravel (7): the gravel shall be a washed, non-calcareous, sub-rounded to rounded gravel with nominal particle size of 6-10mm.

Ground Preparation:
Excavations to B.S. 8060 part 1:1989. Excavated material removed off-site; good quality subsoil/topsoil stored on-site for re-use.
Landscape planting areas to have a minimum depth of soil of 500mm and grass areas will have 300mm.

Loosen formation level with single line ripper, driven 450mm deep at 1m centres, when ground conditions are dry.

Supply approved imported subsoil to B.S. 8601:2013 Specification for subsoil and requirements

cf: $\frac{1}{222} = 0.0045$ $\frac{1}{222} = 0.0045$

200mm for grass areas

Supply approved imported topsoil to B.S. 3882:2015 Specification for topsoil - Multipurpose topsoil to make up for any deficiency in on-site topsoil. Spread and level to depth of:

100mm for grass areas

- Standard/Selected Standard Trees: 1000 x 1000 x 500mm depth

- Shrubs: 300 x 300 x 300mm depth

Backfill tree pits with 100/300mm depth subsoil and 300mm topsoil including Melcourt Topgrow peat free planting compost, or similar approved at a rate of 0.125m³/pit.

Backfill shrub pits with topsoil including Melcourt Topgrow peat free planting compost or similar incorporated in a ratio of 1:0.5:3 (topsoil/compost/soil)

Cultivate all landscape areas to a loose and friable tilth suitable for grass seeding or planting.

Collect and remove from site all stones, builders' rubble and other deleterious material over 50m

Grass Areas: _____

Supply and spread pre-seeding N:P:K fertilizer (10:15:10) at a rate of 30 g m⁻²

TREES			
Number	Abbreviation	Species	Specific
2 No.	BETNI	Betula nigra	3x; Extr
4 No.	GledDSK	Gleditsia triacanthos 'Draves Street Keeper'	3x; Extr
1 No.	LIQ STY	Liquidambar styraciflua	3x; Extr



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INSTABLES CLOSE, NEWPORT

LANDSCAPE STRATEGY

Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @ A1	Suitable
070998	DC	Mar '21	LB	Mar '21	LB	Mar '21	1:200 @ A0	S3
Project Number	Originator	Volume/System	Level/Location	Type/Code	Rate	Number	Revision	
- TTE	- 00	- 00	- DR	- L	- 0100			P0