

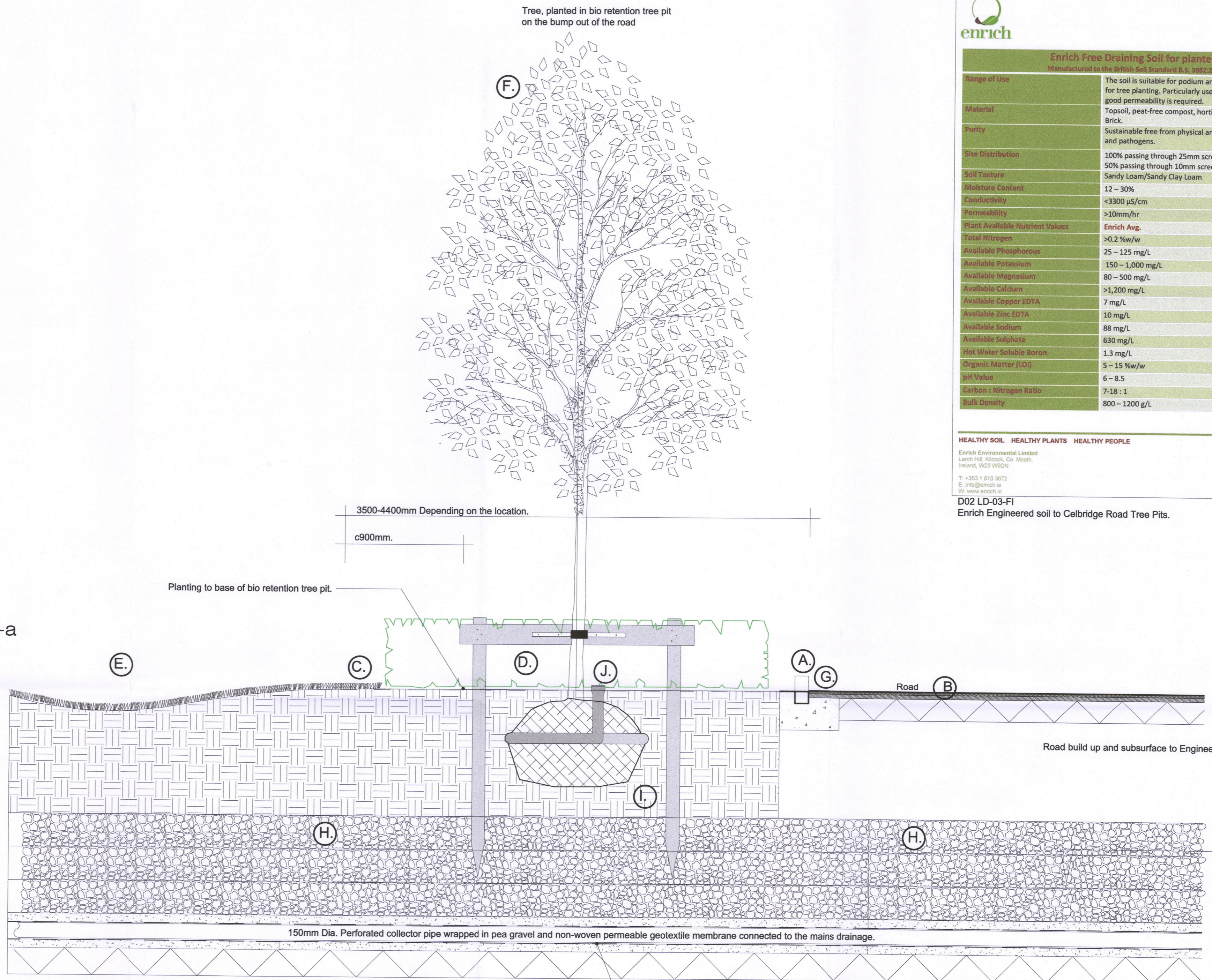
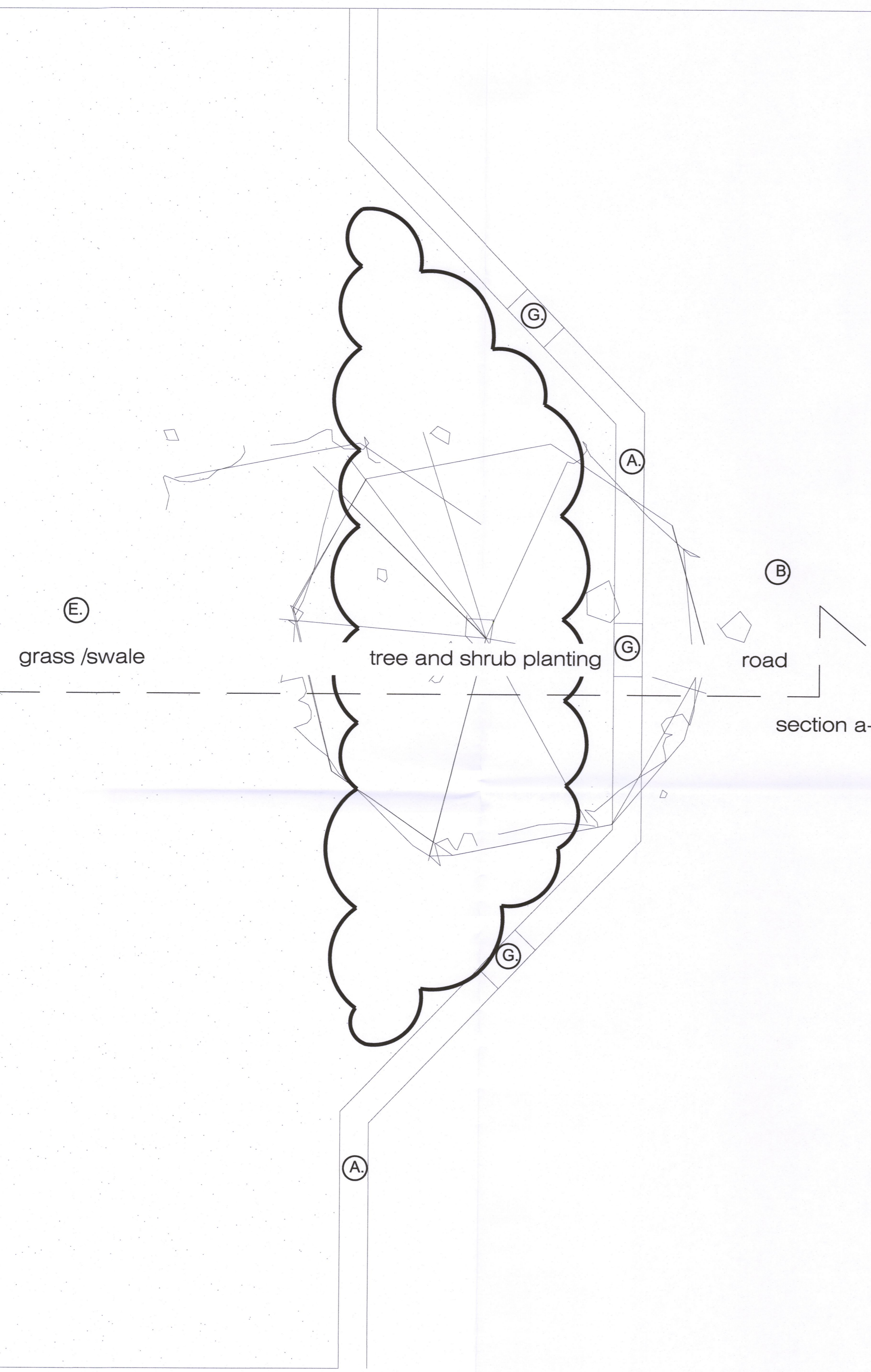
Enrich Free Draining Soil for planters	
Manufactured to the British Soil Standard B.S. 5852:2015	
Range of Use	The soil is suitable for podium and raised plants, as well as for tree planting. Particularly useful when a fertile soil with good permeability is required.
Material	Topsoil, peat-free compost, horticultural grit, Sand, Leca and Brick.
Purity	Sustainable free from physical and chemical contaminants and pathogens.
Size Distribution	100% passing through 25mm screen. 50% passing through 10mm screen.
Soil Texture	Sandy Loam/Sandy Clay Loam
Moisture Content	12 - 30%
Conductivity	<3300 µS/cm
Permeability	>10mm/hr
Plant Available Nutrient Values	Enrich Avg.
Total Nitrogen	>0.2 %w/w
Available Phosphorous	25 - 125 mg/L
Available Potassium	150 - 1,000 mg/L
Available Magnesium	80 - 500 mg/L
Available Calcium	>1,200 mg/L
Available Copper EDTA	7 mg/L
Available Zinc EDTA	10 mg/L
Available Sodium	88 mg/L
Available Sulphate	630 mg/L
Hot Water Soluble Boron	1.3 mg/L
Organic Matter (LOI)	5 - 15 %w/w
pH Value	6 - 8.5
Carbon : Nitrogen Ratio	7-18 : 1
Bulk Density	800 - 1200 g/L

HEALTHY SOIL. HEALTHY PLANTS. HEALTHY PEOPLE

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D02 LD-03-FI
Enrich Engineered soil to Celbridge Road Tree Pits.



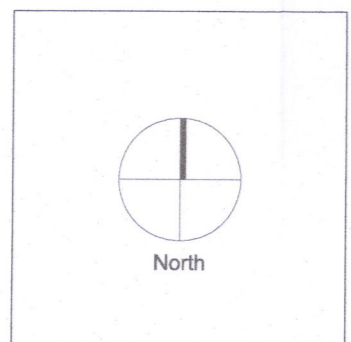
Set 1000mm below the surface of the road at source water polishing filter made up of 3 Nr. 250-300mm deep layers of clean angular stone 100-150mm in size, with good quality free draining soil.

- (A) Precast Concrete Kerb.
- (B) Road
- (C) Grass
- (D) 6800 / 2800 x 1900mm Planted Island.
- (E) Swale
- (F) Street tree planting (Species to be agreed).
- (G) Surface water inlet at opening in precast concrete kerb A. Level at inlet to be equal or lower than the hardsurface
- (H) At source water polishing filter made up of 3 Nr. 250-300mm deep layers of clean angular stone 100-150mm in size, with good quality free draining soil.
- (I) Imported Enrich Engineered topsoil, free draining topsoil to surround of tree root ball and to a depth of to sustain plant growth. See LD-03 for specification details.
- (J) 150mm dia aeration well, allowing access for rainwater and carbon dioxide into the tree bit and oxygen out from the tree pit,

Section a-a
SuDS Tree Trench with Enrich Engineered topsoil
Scale @ 1:25

Plan
SuDS Tree Trench with Enrich Engineered topsoil
Scale @ 1:25

Rev.	Date	Note
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General Notes:

Doyle & O'Troigh
Landscape
Architecture

Project Name	Residential Development, Stoney Hill Road, Rathcoole	Drawing Name	SUDS detail
Status	Planning	Drawing No	LD-03-PP
Project No	18-008	Revision No	00
Scale	1:25	Drawn By	KG
Date	31.03.2023	Checked By	LD

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