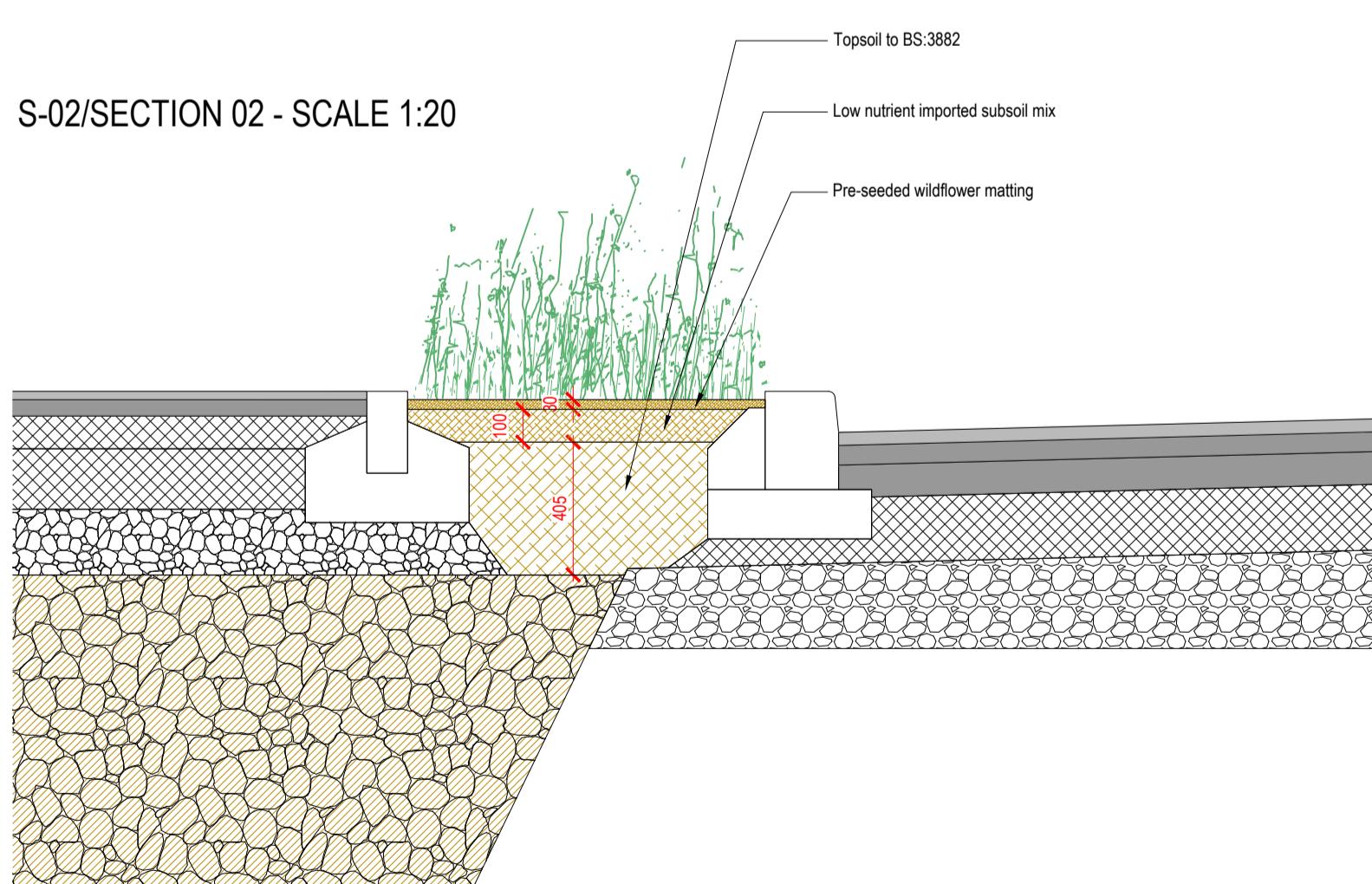


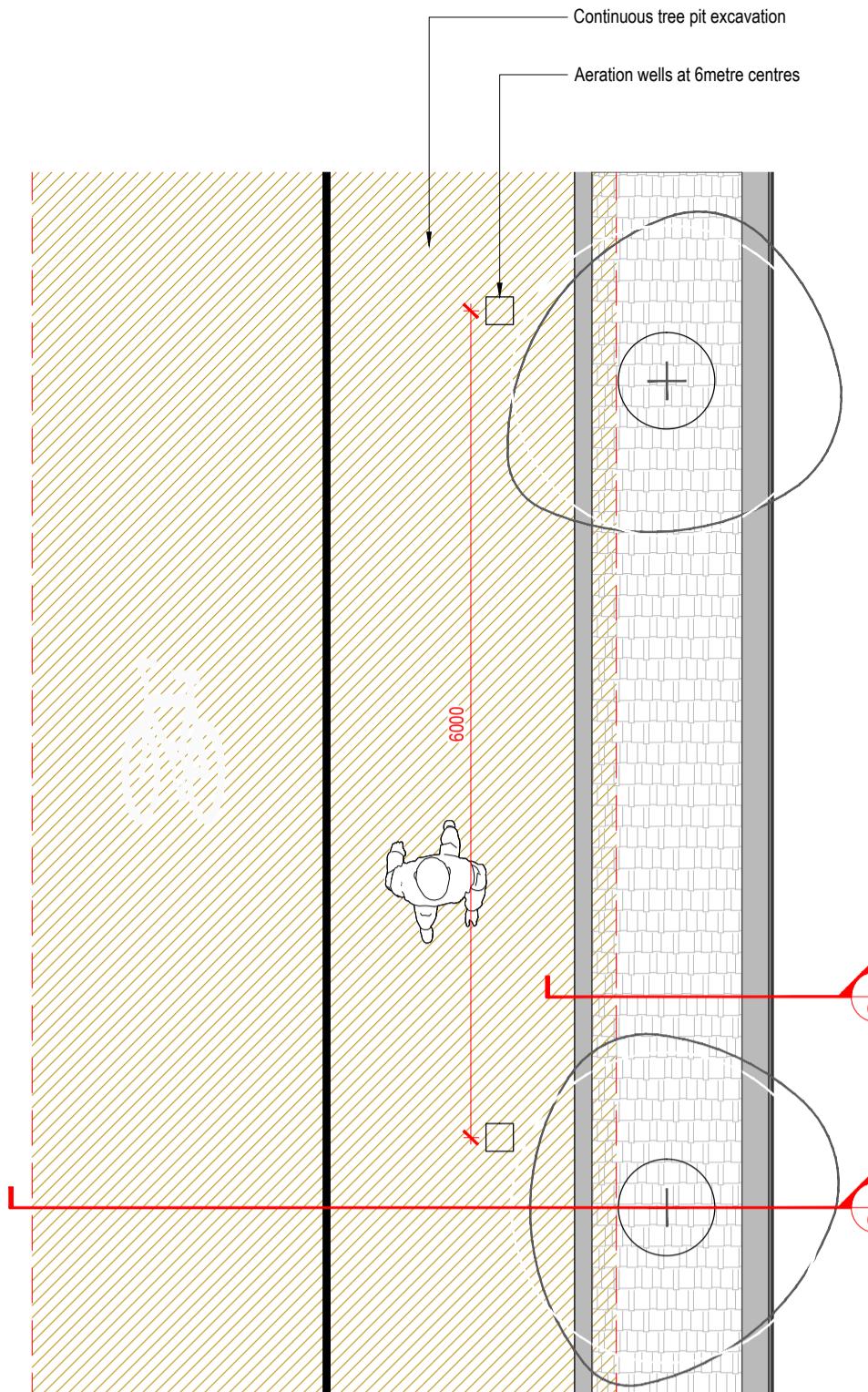
S-01/SECTION 01 - SCALE 1:20

01
670 Detail 01 - Constructed Tree Pit Detail
Scale 1:20

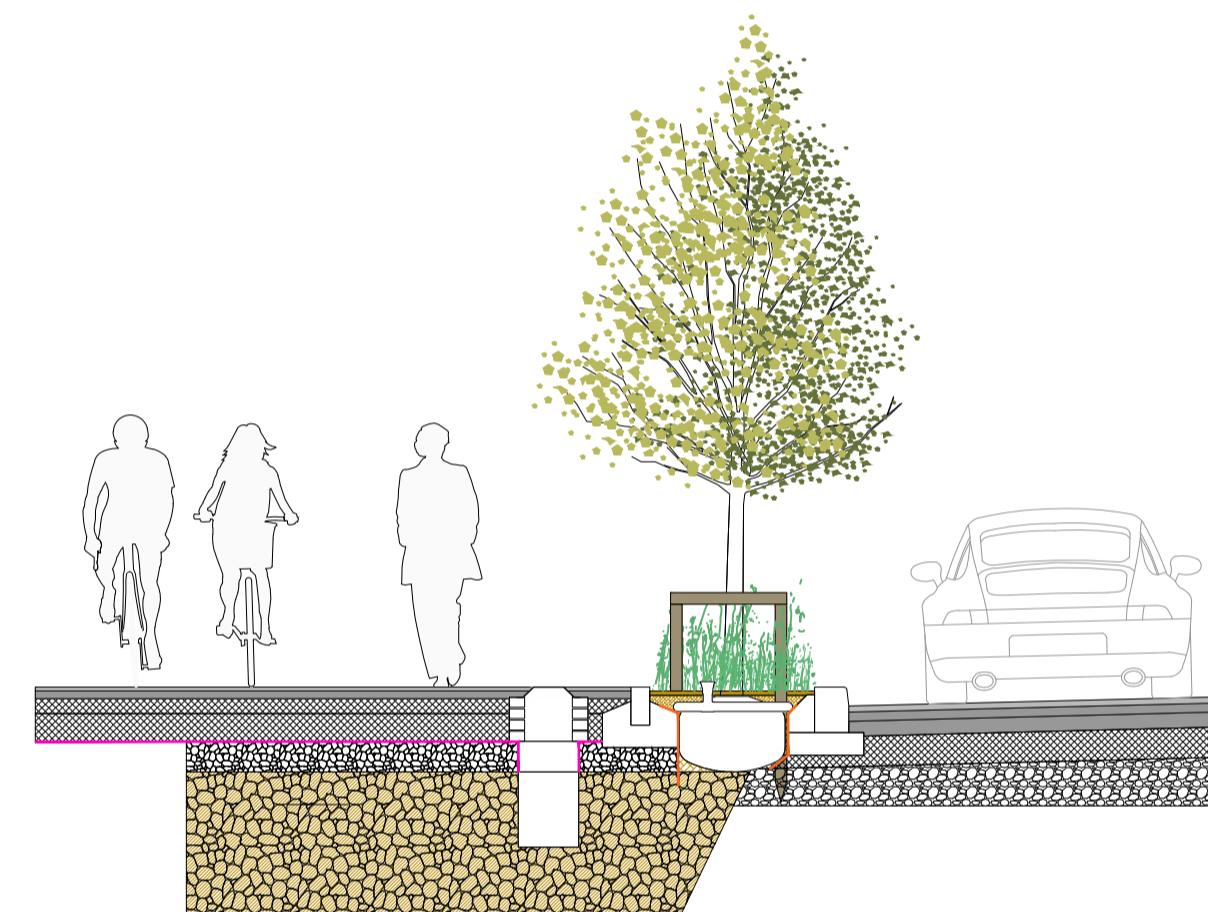


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CHECKED

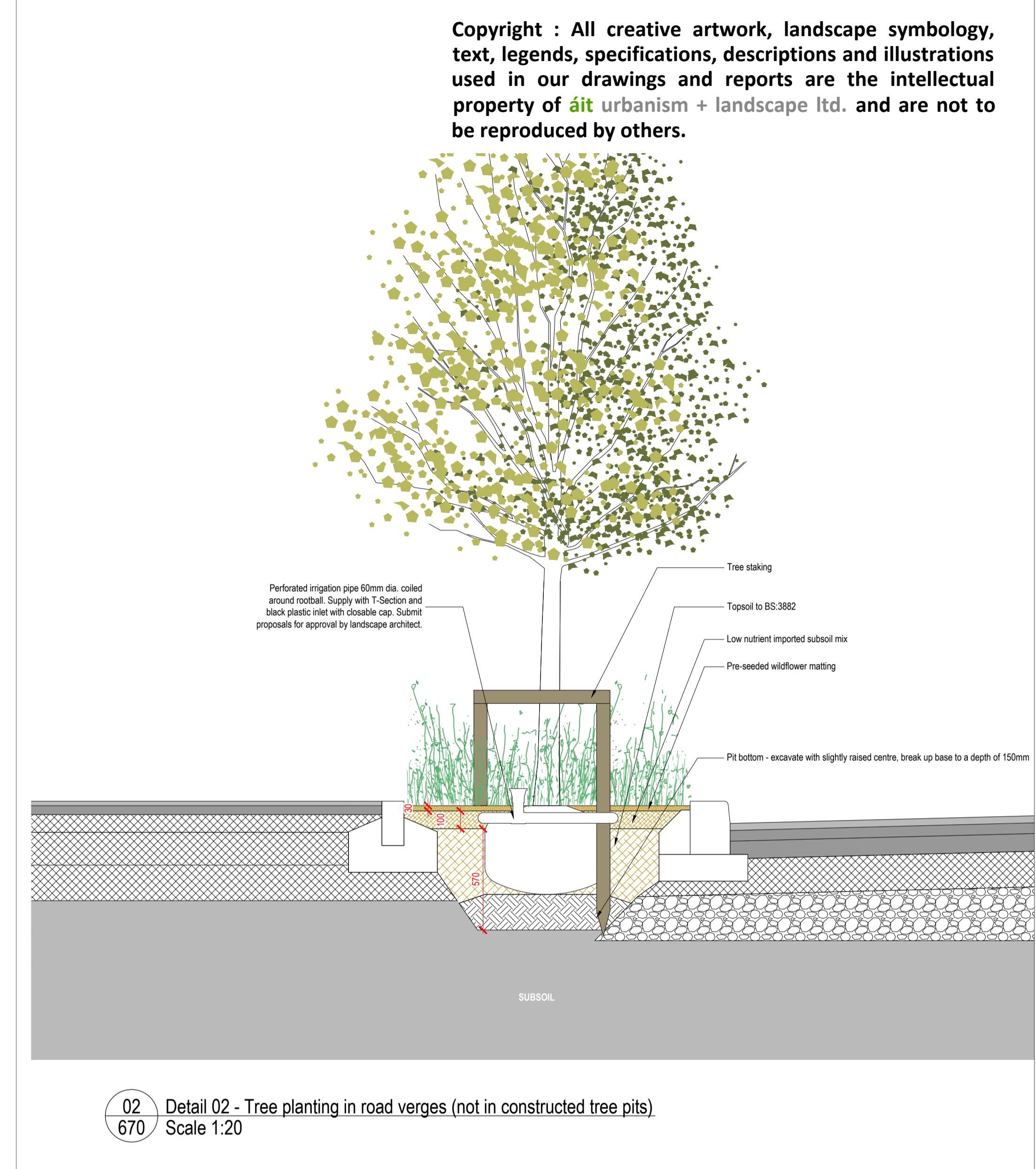


PLAN - SCALE 1:50



"Structured Tree Soil" by www.enrich.ie or equivalent complying with the following specification

Range of Use	This soil and stone blend is specifically designed to allow Trees to grow successfully in urban settings where compaction is required for roads or footpaths. This media provides enough structure to support high traffic areas allowing optimum root development without disruption to the surfaces. This product can also be used for water integrated water attenuation in sustainable urban drainage systems (SUDS)
Material	Topsoil, peat free organic compost, sand and crushed stone (stone size 80-150mm, as equally sized as possible)
Purity	Sustainable free from physical and chemical containments and pathogens.
California Load Bearing Ratio	10-50 (Can be adjusted specific to requirements)
<u>Soil component</u>	Sandy Clay Loam/Sandy Loam
Moisture Content	12 – 30%
Conductivity	<3300 µS/cm
<u>Plant Available Nutrient Values</u>	
Total Nitrogen	>0.250 %w/w
Available Phosphorous	25 – 125 mg/L
Available Potassium	300 – 1,500 mg/L
Available Magnesium	80 – 500 mg/L
Available Calcium	>1,200 mg/L
Organic Matter (LOI)	3 – 10 %w/w
pH Value	6 – 8.5
Carbon : Nitrogen Ratio	<20: 1
Bulk Density	1,000 – 1,500 g/L



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