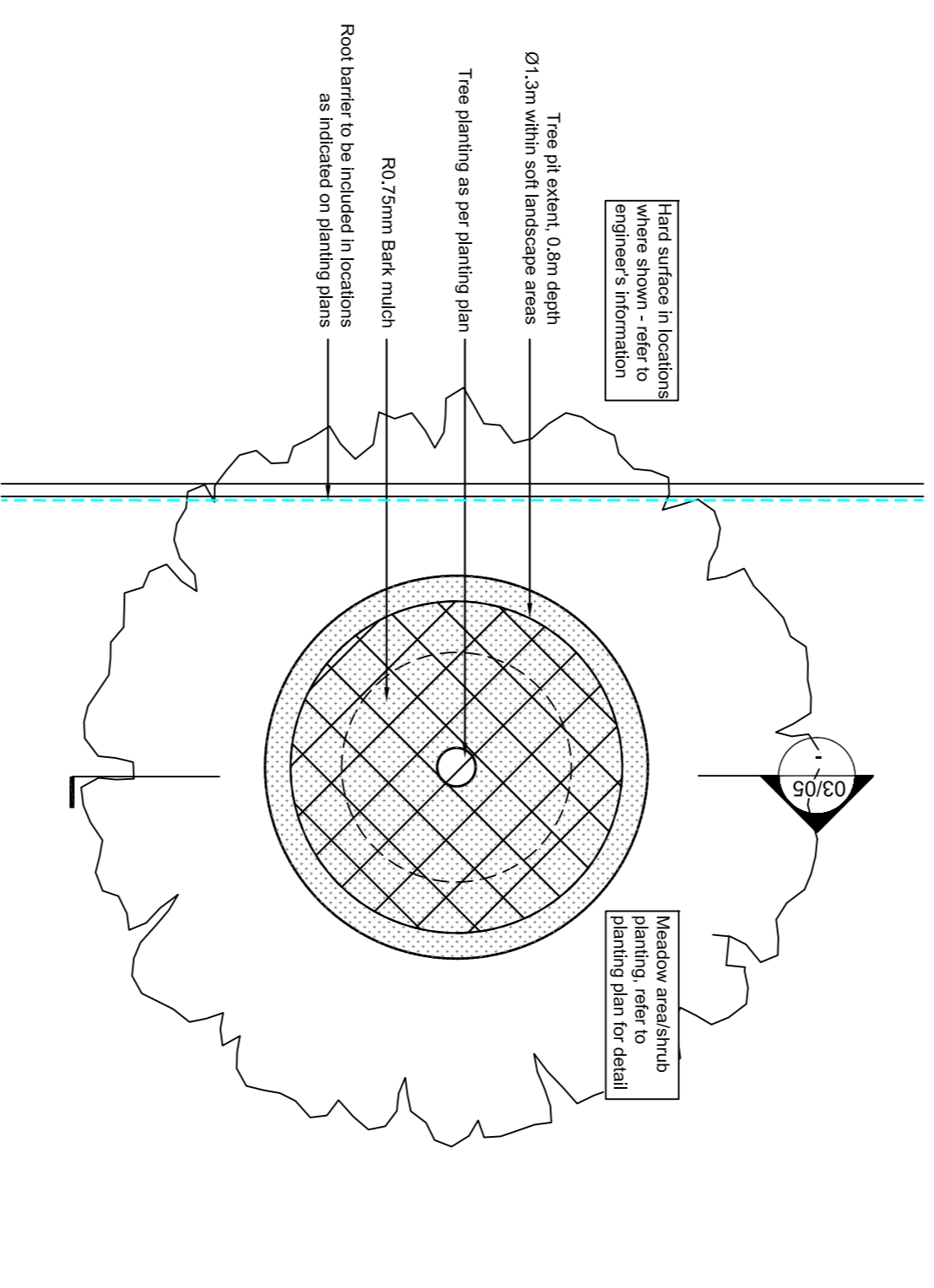
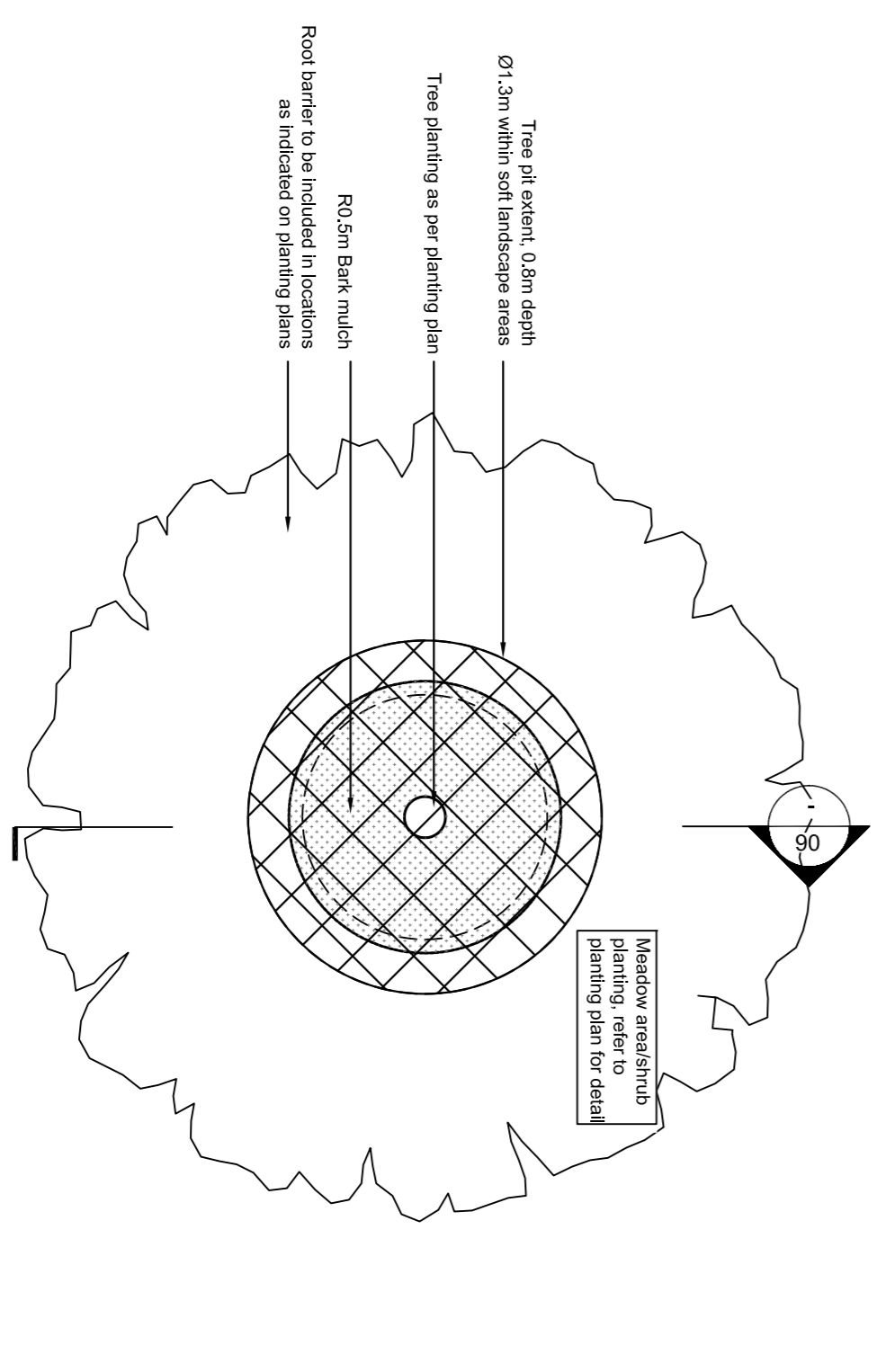


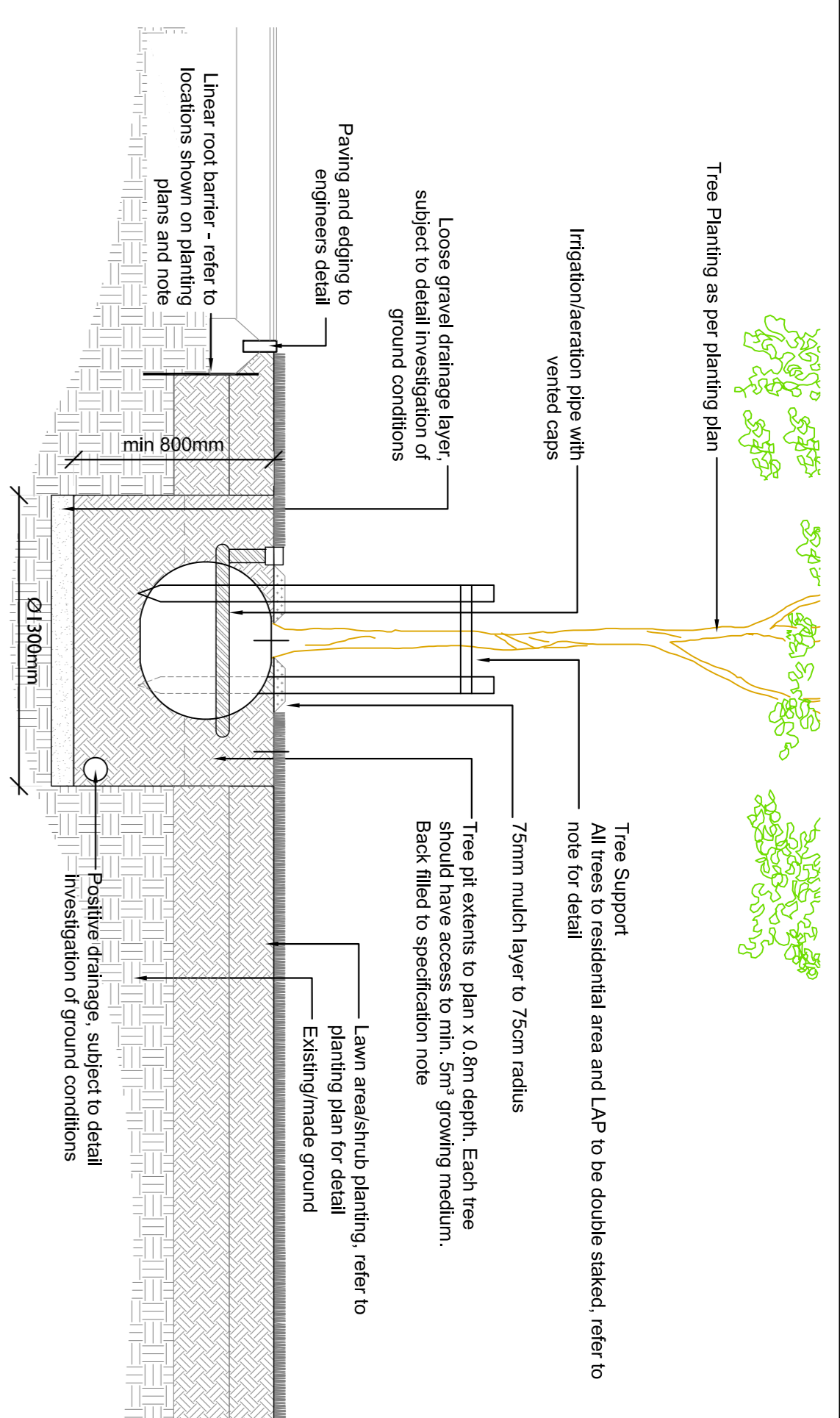
01 TYPICAL PLAN - TREE PLANTING IN SOFT PLANTING/GRASS AREA IN RESIDENTIAL AREA  
Scale 1:25



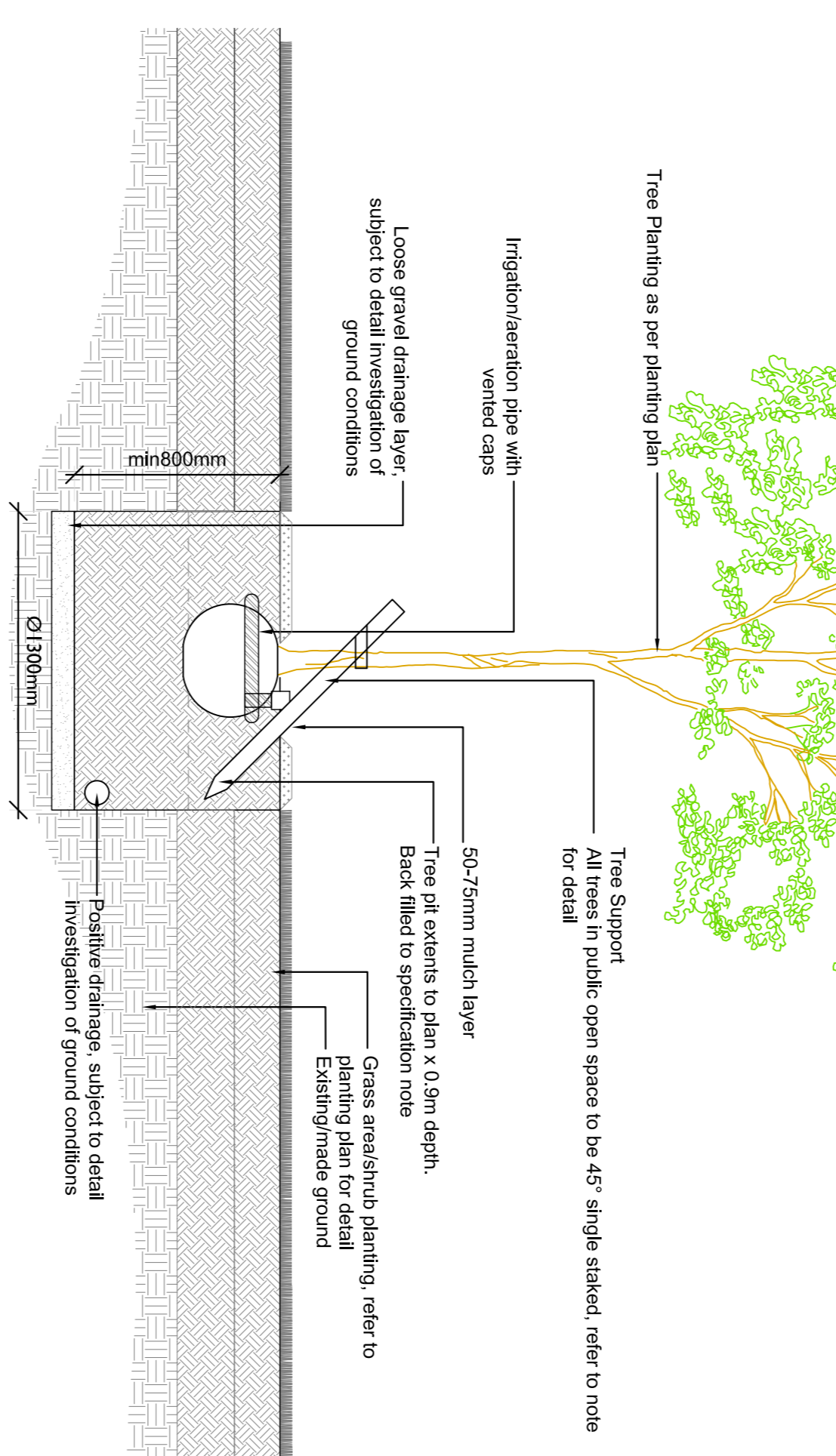
04 TYPICAL PLAN - TREE PLANTING IN SOFT PLANTING/MEADOW AREA IN OPEN SPACE  
Scale 1:25



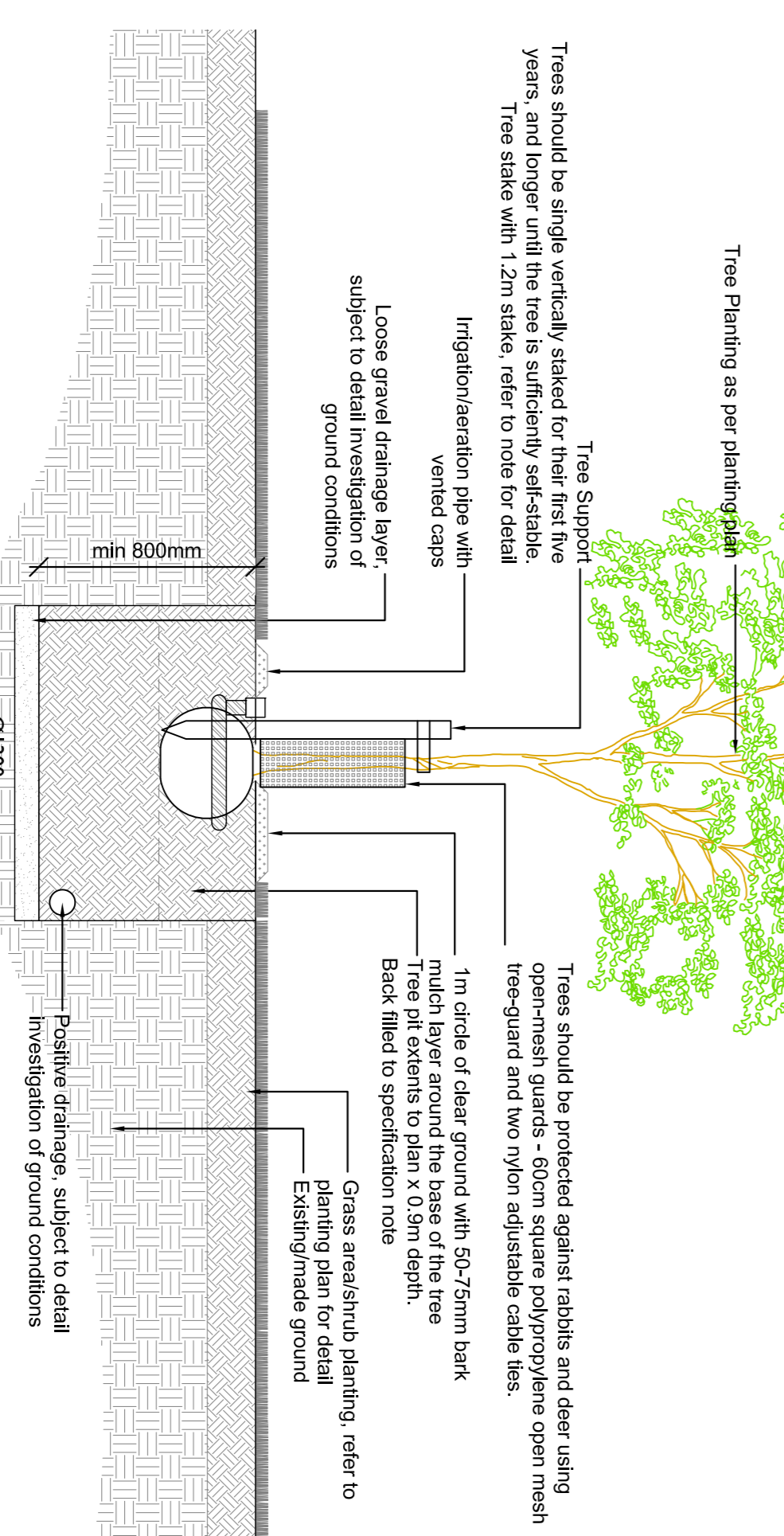
06 TYPICAL PLAN - ORCHARD TREE PLANTING IN SOFT PLANTING/MEADOW AREA IN OPEN SPACE  
Scale 1:25



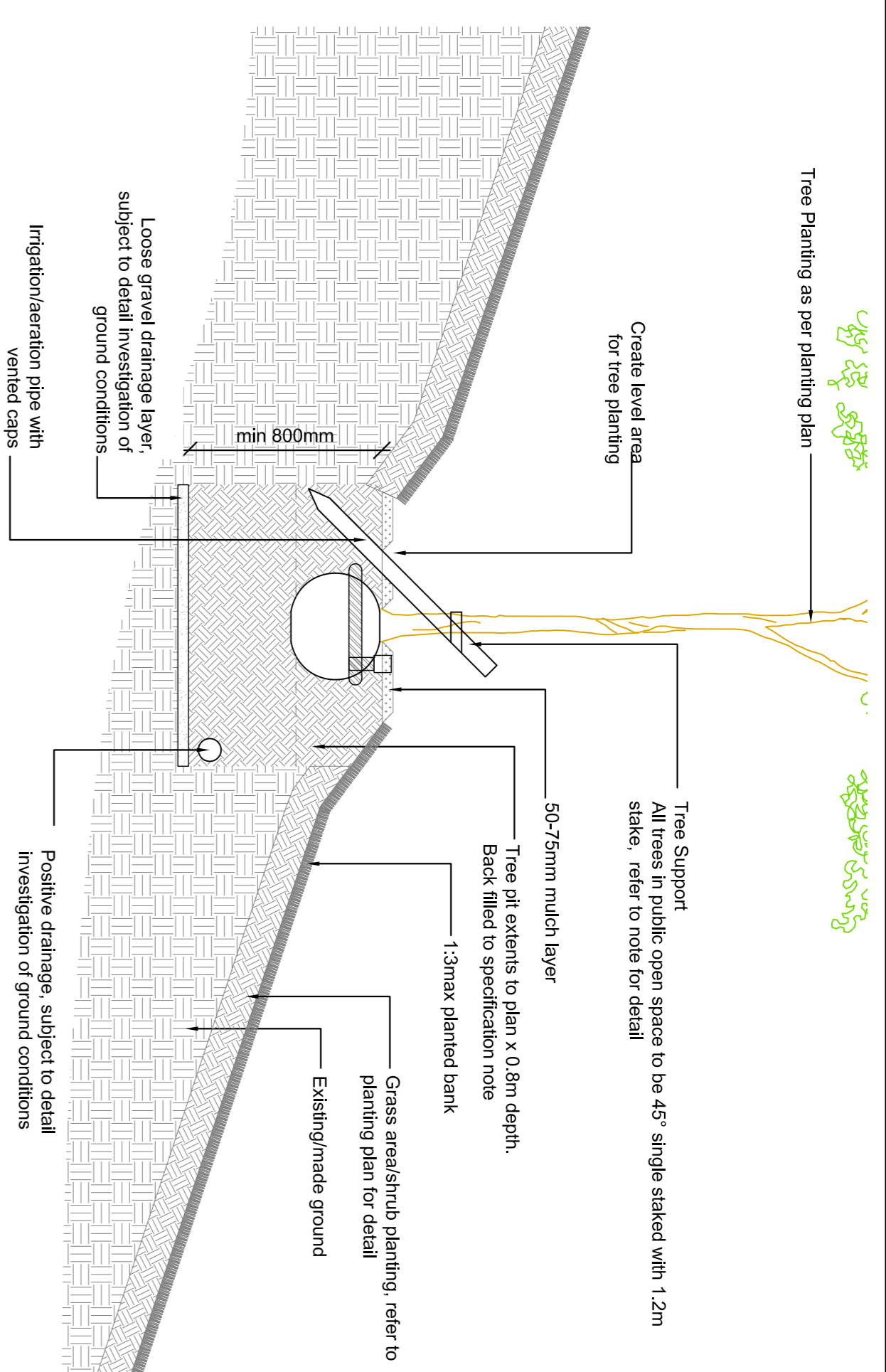
02 TYPICAL DETAIL - TREE PLANTING IN SOFT PLANTING/GRASS AREA IN RESIDENTIAL AREA  
Scale 1:25



05 TYPICAL DETAIL - TREE PLANTING IN SOFT PLANTING/MEADOW AREA IN OPEN SPACE  
Scale 1:25



07 TYPICAL DETAIL - ORCHARD TREE PLANTING IN SOFT PLANTING/MEADOW AREA IN OPEN SPACE  
Scale 1:25



03 TYPICAL DETAIL - TREE PLANTING IN SOFT PLANTING/MEADOW AREA IN OPEN SPACE SLOPED AREA  
Scale 1:25

**Notes: Principles for Planting -**  
All materials and installation to be undertaken in line with best horticultural practice and in accordance with guidance set out in British Standards specified relevant to this note and current at time of installation. All work to be carried out by horticultural trained personnel.  
All plants should be grown and sourced in the UK and should be supplied from a nursery approved in advance by the landscape architect. Any substitutes to be agreed prior to ordering.

**Ground Conditions:**  
Contractor to confirm ground conditions ahead of planting to ensure adequate drainage and base conditions are in place for successful planting.  
**Soil Depths:**  
Soil additives to be introduced to include soil conditioner and slow release fertilizer to rates as specified by manufacturer.  
All topsoil and subsoil used in planting areas to be accordance with British Standard BS3382:2015 and BS8545:2014, using the following recommended depths:  
• Tree planting - 75mm mulch layer to 50cm radius from tree center for smaller trees in front gardens and 75cm radius to larger trees in open spaces. Mulch areas are to be kept free of grass during establishment. Trees to be planted in min. 400mm premium grade topsoil layer to upper level and 400mm free draining to lower level.  
• Orchard trees to include 1m circle of clear ground with 50-75mm bark mulch layer around the base of the tree to allow it to establish properly and maintained as a permanent feature.  
**Soil analysis of all imported materials to be approved by the landscape architect in advance of purchase and delivery.**

**Proposed Trees**  
Growing spaces for all tree planting should be optimised, using tree pit trenches where possible. Each tree should have access to min. 5m² growing medium, where hedges are possible this should be considerably greater. Backfill with topsoil and subsoil as indicated above.  
Trees within open spaces set within other soft landscaping area should have a tree pit 1.3m² wide by 0.80m deep. Backfill with topsoil and subsoil as indicated above.  
The ground at the base of the tree pit should be broken up if ground is compacted or if there are apparent problems with drainage. Includes 100mm of gravel to base of trench to aid free draining, subject to detail investigation of ground conditions. Where the ground conditions result in the base of the tree pits being compacted or not free draining, pits and trenches will require positive drainage to all trees to establish and thrive.  
Subject to detail investigation of ground conditions, include a permeable geo-textile layer to engineer's specification at base of tree pit.

All compost, mulches and soil conditioners used in planting should be peat-free. The use of pesticides (herbicides, insecticides, fungicides and slug pellets) should be discouraged to prevent fatal effects on the food chain particularly invertebrates, birds and/or mammals. Any pesticides used should be non-residual.  
Project engineer to include low level linetels within boundary/garden walls to accommodate trees located next to walls.  
**Tree Support**  
All new tree planting to include provision for tree support to assist with the early years of establishment as follows:  
Detail 02 - All trees to residential area and LAP to be double staked with 2no. 1.5m high, 75mm Ø round treated softwood stakes. Stakes to be secured with 50mm wide bio-degradable tree tie e.g. Naturtie by www.amenity.co.uk or similar approved, secured approx. 100mm below the top of the stake.  
Detail 03/05 - All trees in public open space to be 45° single staked with 1.2m stake, 75mm Ø round, treated softwood stake. Stakes to be secured with 50mm wide bio-degradable tree tie e.g. Naturtie by www.amenity.co.uk or similar approved, secured approx. 100mm below the top of the stake.

**Detail 07 - Orchard tree** should be single vertically staked for their first five years, and longer until the tree is sufficiently self-stake. Tree stake with 1.2m stake, 75mm Ø round, treated softwood stake, secured with 50mm wide bio-degradable tree tie e.g. Naturtie by www.amenity.co.uk or similar approved, secured approx. 100mm below the top of the stake.  
Orchard trees should be protected against rabbits and deer using open-mesh guards - 60cm square polypropylene open mesh tree-guard and two nylon adjustable cable ties.  
All systems to be installed to manufacturer's specification.

**Tree Irrigation and Aeration**  
All tree planting to include a tree irrigation and aeration system eg Green Blue Urban RootRain Cvic with 80mm inlet with 60mm watering circuit and vented cap on retainer chain, or similar approved.  
**Root Barriers**  
Linear root barriers are to be installed in locations confirmed by the project engineer to protect services/surface treatments as required. Root barriers should be set min. 1.2m from the center of the trunk and set as close to the surface as possible. Linear root barriers e.g. Green Blue Urban RootRain 2000 Root barrier or similar approved, should be installed to the manufacturer's guidance, using a min. 600mm depth root barrier. Where root barriers are for the protection of services or below ground attenuation, the root barrier should extend 300mm lower than the invert level of services. For details of services and any specific requirements, refer to engineer's drawings.  
**Implementation Programme**  
Tree planting to be undertaken when site and weather conditions are appropriate to successful establishment of plants and unless otherwise agreed in advance, to be undertaken between the months of 31st October and 31st March.

Planting to be undertaken in the first available planting season following construction of the adjacent building.  
**Management and Maintenance**  
Once planted trees must be kept adequately watered to ensure establishment and all areas must be kept weed and litter free at all times. Once established all plants to be maintained in accordance with the specification in the accompanying management plan.  
Note: Drawing shown on this drawing supersedes information shown on previous plans.

Client	DEANFIELD HOMES LTD	By/CHK	
Project	Land off Hook Norton Road, Sibford Ferris	By/CHK	
Drawing Title	Tree Planting Details	Date	12/12/23
Scale	AS SHOWN@A1	By/CHK	
Drawing Number	A318D DT01	Revision	
Rev. Description	Date	By/CHK	
SIGN FOR APPROVAL			
RCC LANDSCAPE DESIGN AND PLANNING LTD			

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