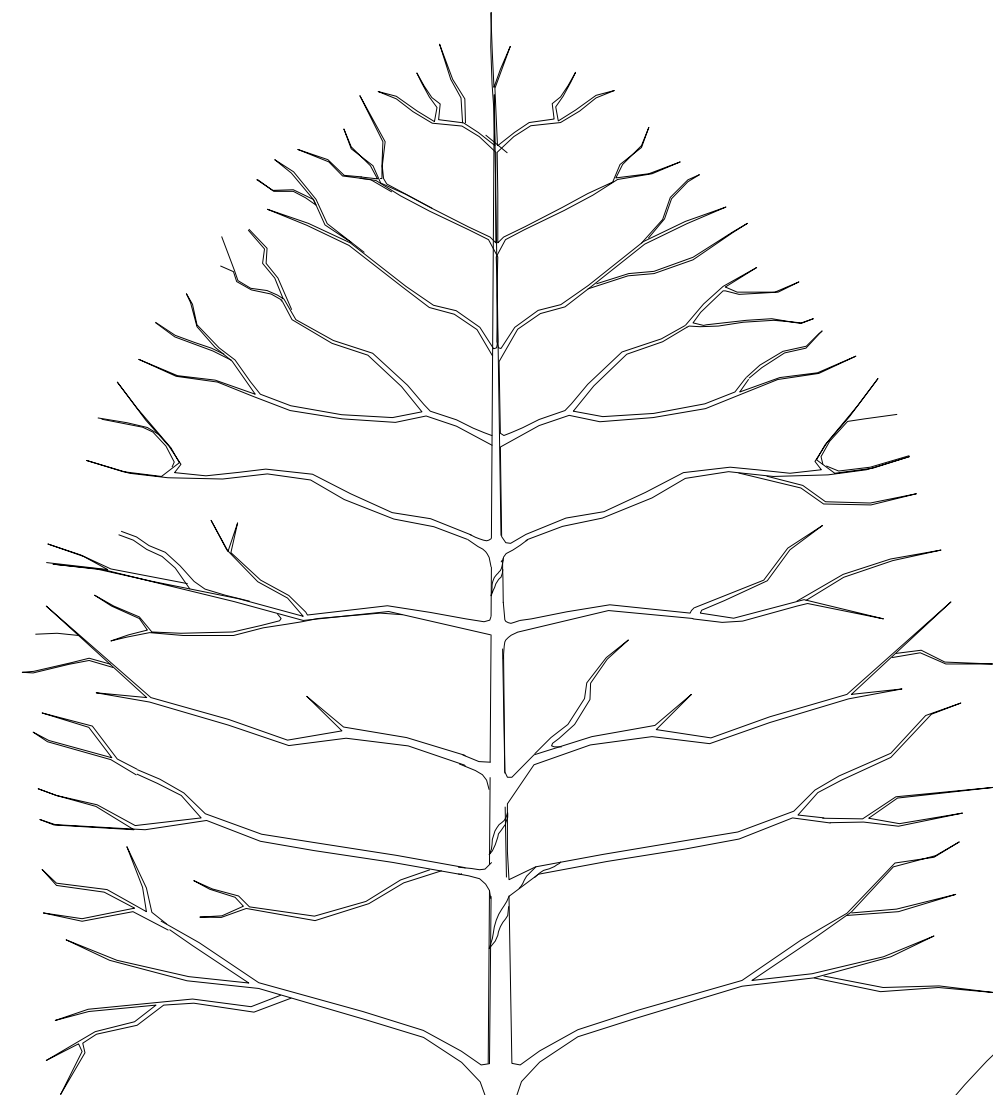
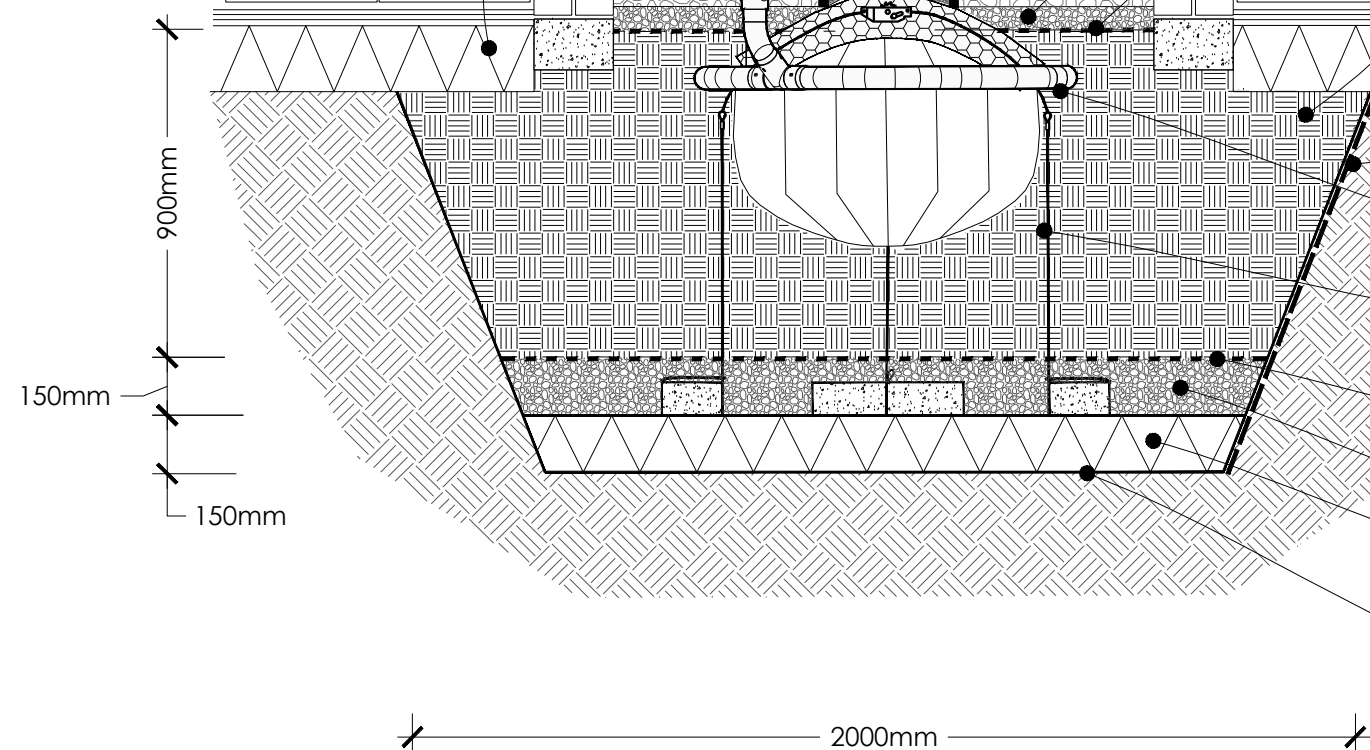
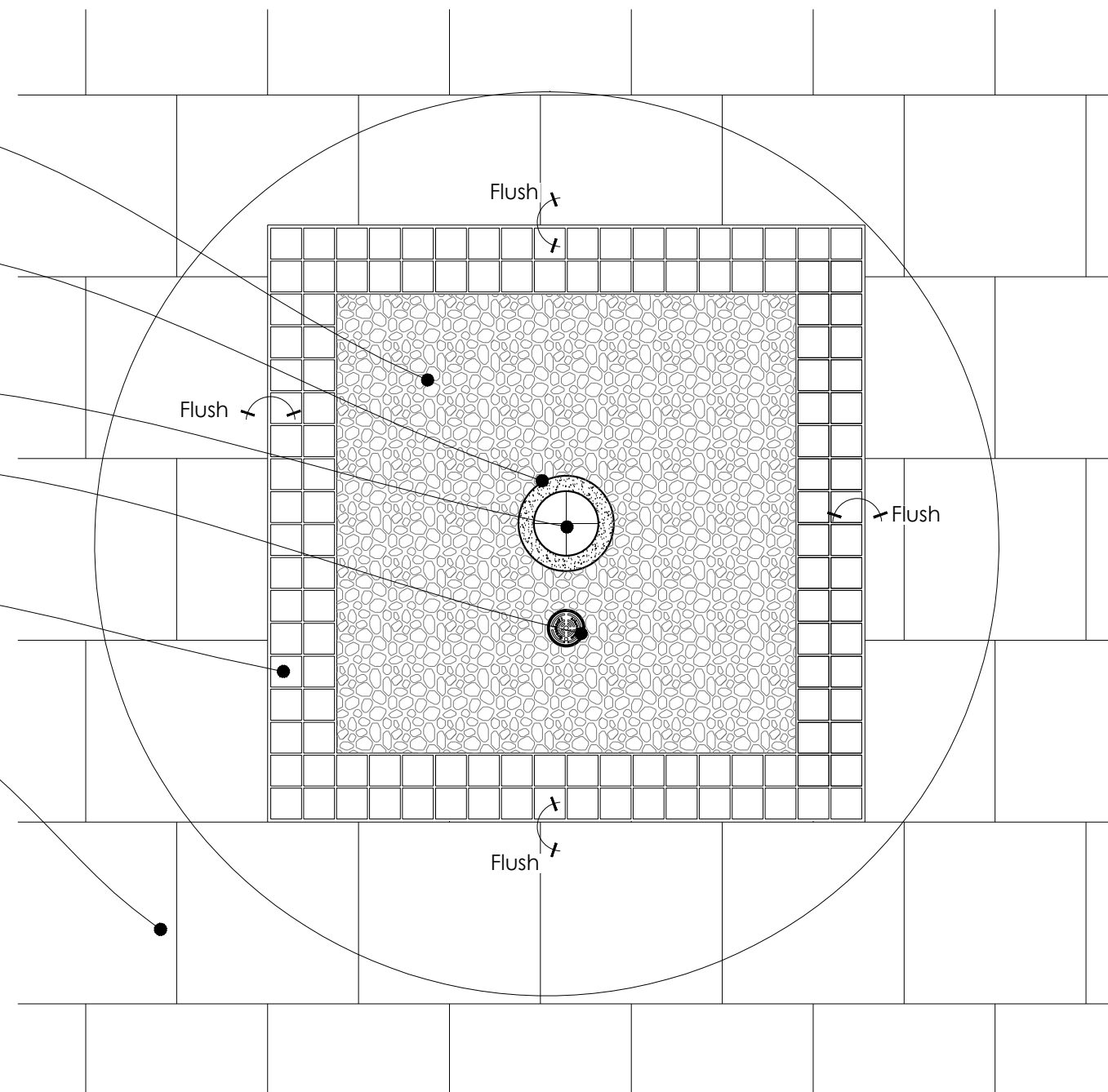




Base layers to Engineers details
and specification



- Porous resin bound aggregate surface for tree pits; laid in accordance with manufacturer's guidance.
- Permanent collar form from plastic strips; allow 50mm min clearance around trunk; infilled with loose gravel around trunk
- Tree positioned centrally; at intersection of car park white lines
- Greenleaf Rootrain Precinct (RRPREC1C) irrigation system or similar
- Setts: Marshall's Pallas'; colour: Anthracite Basalt; 300x300mm ; 2 nr. rows
- Paving: Marshall's 'Perfecta'; 600x600mm; colour natural
- Loose gravel infill around trunk
- Permanent collar form from plastic strips; allow 50mm min clearance around trunk
- Porous resin bound aggregate surface for tree pits; laid in accordance with manufacturer's guidance.
- Compacted type 3 hardcore layer to 'resin bound aggregate surface' manufacturer's guidance
- Geotextile filter membrane ; Terram 1000 or similar to prevent upward migration of fine particles
- Setts: Marshall's Pallas'; colour: Anthracite Basalt; 300x300mm ; 2 nr. rows around tree opening
- Paving: Marshall's 'Perfecta'; 600x600mm; colour natural
- Tree pit 2000x5000x900mm deep; backfilled with urban tree soil; compacted to manufacturers recommendations
- Approx location of water main (worse case)
- ReRoot 2000 'Greenleaf' root barrier (RER220X1.0A), 1000mm deep, 2mm thick; only to be installed on sides of tree pit adjacent to any service runs
- Greenleaf Rootrain Precinct (RRPREC1C) irrigation system or similar
- Underground anchoring system; using 3no. Plati-mat rootball support system or similar; 'secured to 3no. deadman anchors or ground anchors. Fitted to manufacturer's instructions.
- Geotextile filter membrane ; Terram 1000 or similar. Laid to base of tree pit.
- 150mm drainage layer; 10mm clean gravel
- Subsoil at base of pit to be broken up to a depth of 150mm; sides and base to then be forked prior to backfilling in order to remove any 'glazing' of the subsoil excavation
- If free vertical drainage will not occur through the base of the tree pit, then either connection to land drain, or additional excavation to reach gravel seam, backfilling with free draining gravel, must be provided



rev	amendments	date	rev by	approved

FOR PLANNING

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urban design regeneration arboriculture
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client:

Sainsbury's

project:

Hambledon Road, Waterloooville

drawing title:

Tree Pit Detail - In Paved Footpath

drawing no:	7998-20	revision:	•	scale:	1:20 @ A2
drawn by:	DB	checked by:	JM	date:	11/05/2012

NOTE: Responsibility is not accepted for errors made by others in scaling from this drawing. All construction information should be taken from figured dimensions only.

THIS DRAWING IS NOT FOR CONSTRUCTION