

A-A Clear stemmed tree in hard landscape to concourse:

Boulevard block paving, 50/50% mix of size: 200(W) x 150(L) x
 80(D)mm and 150(W) x 150(L) x 80(D)mm - slate colour
 DoT Type 1 compacted sub-base to engineers details

3. Existing ground
4. Boulevard block paving, 50/50% mix of size: 200(W) x 150(L) x
80(D)mm and 150(W) x 150(L) x 80(D)mm - cashel colour
5. 3360x3360 OR 6720mm metal edge to define tree pit. 8mm galvanised steel edge and pinned in palce set flush with block paving. Framing to include pre-formed corners.

Manufacturer: Kinley systems or other similar approved.
6. SuperCEDEC self binding gravel, compacted depth of 50mm laid 15mm below steel edging to avoid migration of gravel- colour silver grey, 6-10mm

7. 120mm of inert MOT Type 1, e.g granite or quartzite (no limestone)

8. Single inlet irrigation system. Cap to sit flush with surrounding surface material. To be Green Blue Urban Precinct Watering system RRPRECINCT1. 100mm diameter heavy cast aluminium inlet and swivel vented lid. 60mm diameter circuit and vertical pipes.

9. Urban Tree Soil: to be compacted in layers of no more than 300mm thick, compaction carried out using a Wacker Rammer BS60Y until a penetration resistance of between 2 and 3 Mpa is reached. 900mm depth

10. Underground triple stake guying system. Wires to be protected when in contact with rootball. Final guying detail to be

agreed onsite 11. Terram T700 geotextile sheet to inhibit aggregate migration 12. 120mm pipe connected to positive drainage system. To

Engineers details and results of infiltration tests 13. 200mm Pea shingle layer to improve drainage. NO FINES. Laid on a camber as shown.

14. Base of pit broken up to a depth of 300mm to improve drainage

15. Semi mature tree with hessian wrapping to trunk. Minimum height 1.5m. To remain in place during the first two growing seasons.16. Linear foundation to metal edge manufacturers

recommendation.

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2000mm

17. Aeration System (2 no per tree):

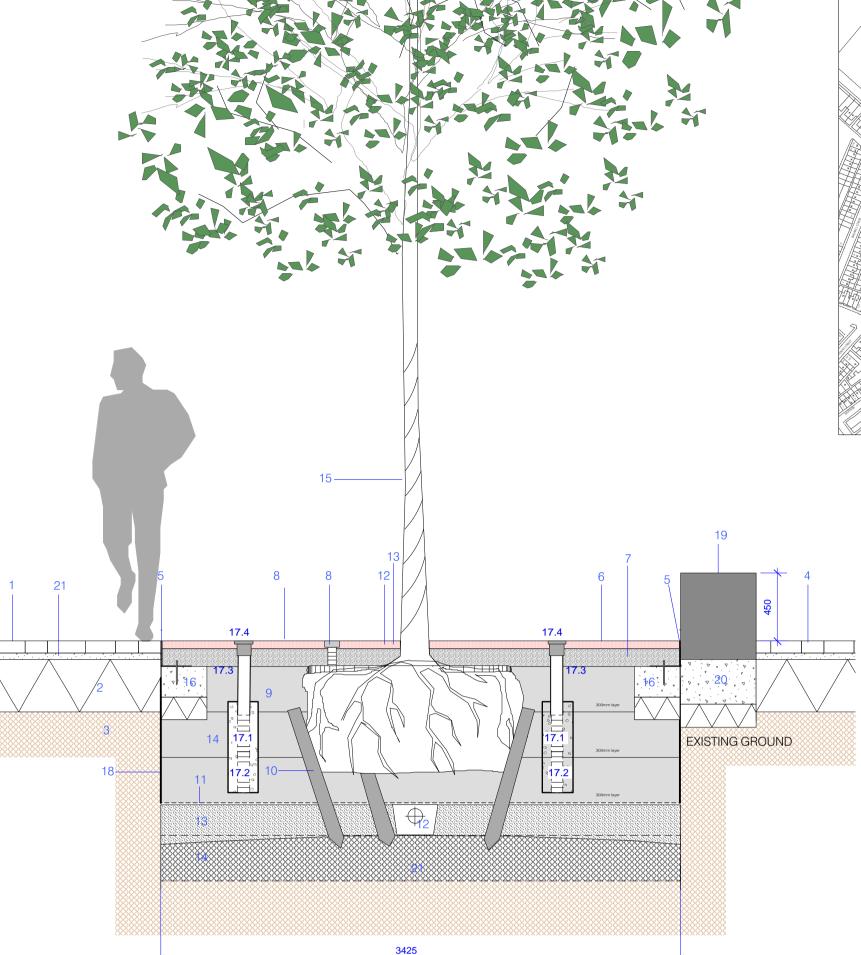
17.1 Horizontal perforated HDPE pipe 100mm diam,17.2 bedded in crushed inert stone 16-32mm gauge, no fines, compacted to requirements of

above paving, wrapped in geotextile,

17.3 Closed HDPE upright pipe at 100mm diam.,

17.4 Cover: Square Hinged Locking Grate - 120mm Square -Material: Cast Iron, to sit flush with surface

18. High density polyethylene root barrier. Re-root 1000 located to the perimeter of the tree pit (edge of urban tree soil area)
19. Seating Unit. Refer to PL1312.D.401 for detailed information
20. Concrete foundation to engineer's specification
21. Naturally occuring river sand to engineer's specification



SECTION A-A1

Detail B - Multi stem tree in raised planter (Garden area)

- 1. Concrete block paving, 200(W) x 150(L) x 80mm, cashel colour
- 2. Concrete block paving, 150(W) x 150(L) x 80mm, slate colour
- 3. DoT Type 1 compacted sub-base to engineers details4. Class ST4 concrete haunching to engineers details

5. Seating Unit. Refer to PL1312.D.401 for detailed information

6. Ornamental bark mulch layer laid to a 50mm consolidated depth.

Ornamental shrub and herbaceous planting. PL1312.GA.204
 Multi-stem tree with hessian wrapping to trunk. Minimum height 1.5m. To remain in place during the first

two growing seasons. 9. Approved general purpose topsoil to BS3882:2007 combined with soil ameliorants as per the associated NBS specification. Installed to a depth of 450mm to shrub areas 10. Approved sub soil to BS8601:2013. To a minimum depth of 300mm increasing as needed to tree pit

surrounds (depths subject to ground conditions). 11. Approved general purpose topsoil to BS3882:2007 combined with tree compost. Installed in 300mm

layers. Tree pit depth 900mm x 2000mm x 2000mm. 12. Single inlet irrigation/aeration system using perforated plastic pipe laid flush with tree surround. Product:

Root Rain Urban by Green Tech or other equal and approved. 13. Underground triple stake guying system. Wires to be protected when in contact with rootball. Final guying detail to be agreed on site.

Terram T700 geotextile sheet to inhibit aggregate migration
 20mm pipe connected to positive drainage system. To Engineers details and results of infiltration tests

- 16. 150mm Pea shingle layer to improve drainage. NO FINES
- 17. Base of tree pit broken up to a depth of 300mm to aid drainage

18. Granite retaining edge, set 100mm above finish levels, 80mm thick
 19. Bedding sand: Naturally occuring silica sand to engineer's specification

NOTES:

1. Prior to tree planting a representative sample of the tree pits need to be excavated and completely filled with water. The percolation rates need to be recorded and adjustments made to the drainage detail as appropriate. It is ESSENTIAL that the Landscape Consultants are consulted at this stage and approval given to proceed with planting.

2. Drawing to be read in conjunction with the clauses and standards as set out in the associated National Building Specification with particular reference to the following clauses:

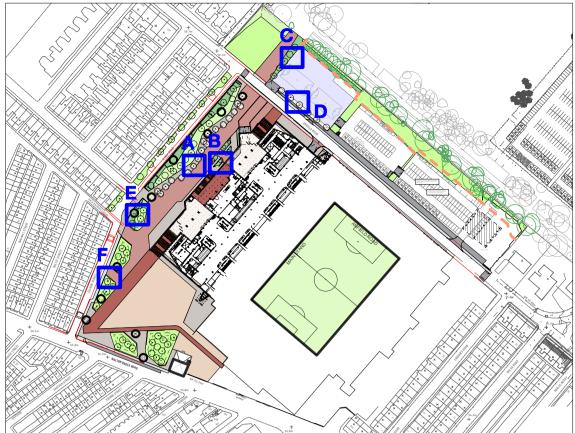
Q28: Topsoiling Q30: Seeding and turfing

Q31: External planting

Q35: Landscape maintenance

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Tree Pit Locations



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		2	01.02.16	С	onstructior	ſ	JT	LH	
		1	08.09.14		TENDER		JT	LH	
		Rev	Date	Status	and Descript	ion	Drawn	Apprvd.	
NOTE									
	Do not scale from this drawing								
2. /	All setting out, levels and dimensions to be agreed on site.								
	The dimensions of all materials must be checked on site								
	before being laid out.								
	This drawing must be read with the relevant specification clauses and detail drawings								
	Order of construction and setting out to be agreed on site.								
	This drawing is copyright protected and may not be								
	reproduced in whole or part without written authority.								
7. /	All Dimensions are in millimetres unless Otherwise Stated								
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