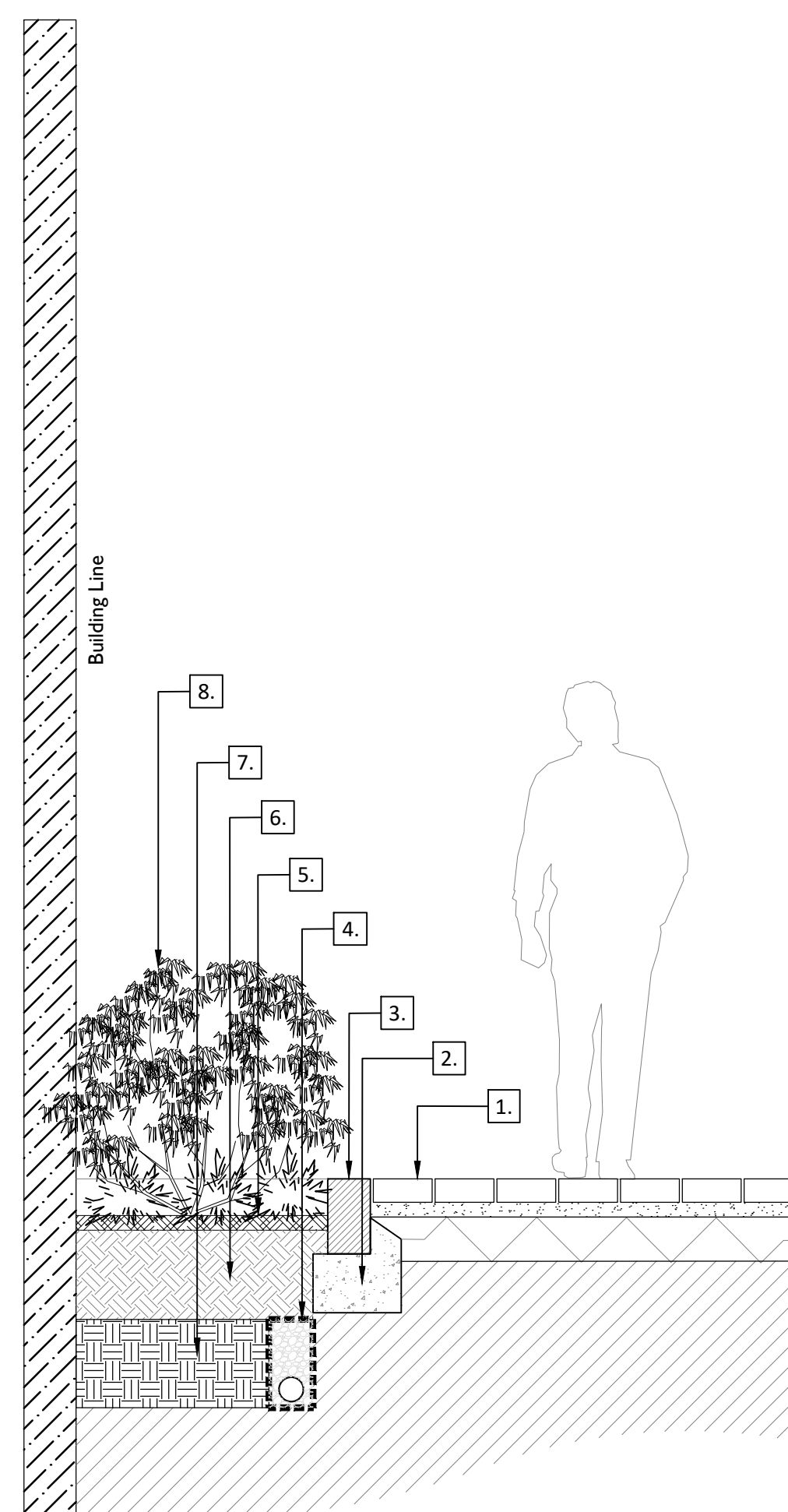




1. P1 Paving, refer to 2990-LA-01 for specification
2. Bedding layer for paving (to engineer's detail).
3. Permeable sub-base to engineer's detail.
4. Root cell system - GTArborRaft 150 units straddle pit by 1000mm for load bearing support. Back fill units with GT green tree screened ArborRaft soil.
5. Root cell bedding - 20mm sand bedding layer for GTArborRaft 150.
6. Geotextile membrane to form separation layer - Permatex 300 membrane over GTArborRaft and TRC30 geotextile
7. Geotextile base separation layer - TRC 30 geotextile membrane to be installed in accordance with the ArborRaft structural tree planting system.
8. Tree grille - Sunburst square tree grille, 1200 x 1200mm by Broxap or equivalent.
9. Concrete foundation specification to engineer's detail.
10. Anchoring system - Platipus Plati-Mat Rootball Fixing System: R1P1 (for trees with 18-25cm circumference). System includes 3 x 54 Anchors, 1 x ratchet tensioner with 4m of 3mm galvanised wire, 3 x Plati-Mat rootball protection mesh
11. Gravel to root flare and top of rootball surface.
12. Perforated plastic pipe irrigation system, GT Specifier Mona Relief with Aria Inlet or similar agreed.
13. Backfill trench with soil removed whilst excavating tree pit, taking care to retain existing soil horizons.
14. Sub soil below ArborRaft and rootball of tree compacted with single pass of vibrating plate (whacker plate). Green-tech subsoil to BS 38601:2013 or equivalent.
15. Root barrier 325 (Q31 510) lining sides of tree pit adjacent to surfacing and below GTArborRaft to max 650mm.



02 RAIN GARDEN PLANTER
DT-01 Scale 1:20



P2	Permeable build-up added	21/04/22	TB	TB
P1	Issued for planning	12/04/22	UA	TB
Rev	Description	Date	Drawn	Checked

**Allen
Pyke**

Drawing Number	Revision
2990-DT-01	P2