

Package to include the following GreenBlue Urban products per tree:

GBURAC600A RootSpace uprights - 112 No. 500mm x 500mm x 600mm per tree

GBURAC500A RootSpace Airflow deck - 48 No. 500mm x 500mm x 70mm

Rootsoil 20 to fill RootSpace - allow 7.2 cu. m per tree in hard paving. Additional allowance needs to be made for settlement

RootStart Mycorrhiza - apply to tree pit at time of planting in accordance with manufacturer's recommendations - allow 200g per tree

RRARBV150A Arborvent 150 Double inlet aeration/irrigation system with cast inlets including 2m 100mm diameter pipe

GLTWGNA twinwall geonet - 15 sq. m

GRN20 plastic open reinforcing mesh, 20mm aperture - 30 sq. m

SASLCB Arborguy strapped anchor system - large

RRURB1A RootRain Urban aeration/irrigation system

RER600A ReRoot 600 ribbed root barrier

RERJTA ReRoot Jointing tape

Note:

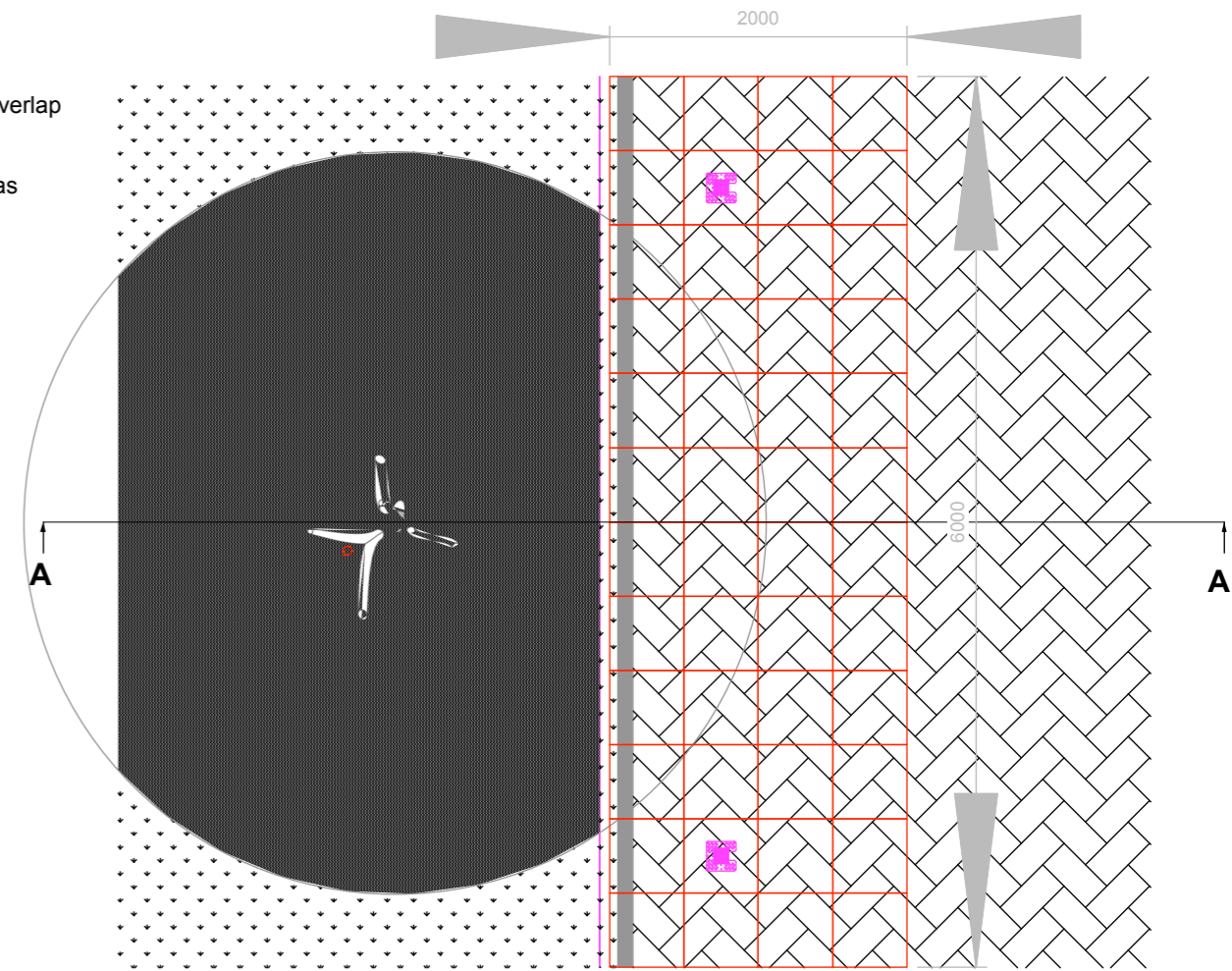
Special drive rod kit required for SASLCB installation

20% additional for with the Geotextile and Reinforcing Mesh to allow for overlap and cutting requirements

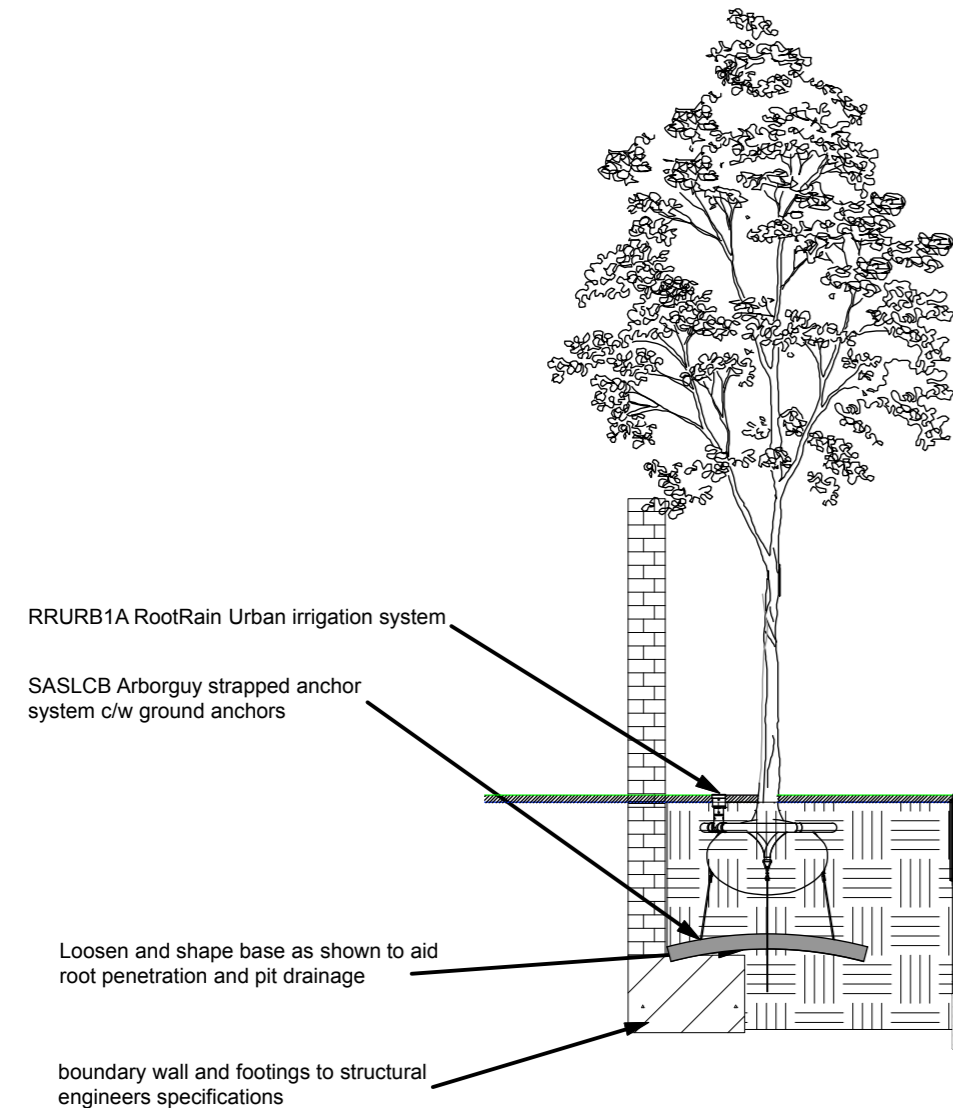
For heavy load applications, install RootSpace side panels to installation as directed by engineer

Structural engineer's note:

For increased strength and stability in soft ground conditions, specify RootSpace modules to incorporate side panel inserts to tree pit perimeter



PLAN WITH CANOPY HIDDEN



SECTION A-A

RER600A ReRoot 600 with root deflecting ribs
Install with ribs facing the tree
Installed along the upper 600mm of the tree pit, on just one side
Root barriers must extend a minimum of 2m beyond the expected canopy of the mature tree
No growing medium over top of barrier

Kerb

RRARBV150A Arborvent 150 double inlet aeration/irrigation system with cast inlets fitted to RootSpace Airflow inlet terrace/paving construction

GLTWGNA twinwall geonet laid over RootSpace structure

GRN20 plastic open reinforcing mesh, 20mm aperture laid below and around sides of RootSpace structure

RootSpace structure - 1 module deep x 12 modules across x 4 modules wide loaded with RootSoil 20 c/w Airflow deck

Drainage layer - 150mm depth of clean angular stone around sides and base of RootSpace structure

Sub-base and drainage installed below RootSpace to structural engineer's/ engineer's requirement/detail

RRURB1A RootRain Urban irrigation system

SASLCB Arborguy strapped anchor system c/w ground anchors

Loosen and shape base as shown to aid root penetration and pit drainage

boundary wall and footings to structural engineers specifications

buckley design associates

Clients: Noble House Project: Swains Lane, London N6 6QX

Title: Tree Pit System Installation - Root space under paved areas

Scale: 1:50 @ A3
Drawn by: DB

Date: NOVEMBER 2018
Drawing no: TPSL 2018

