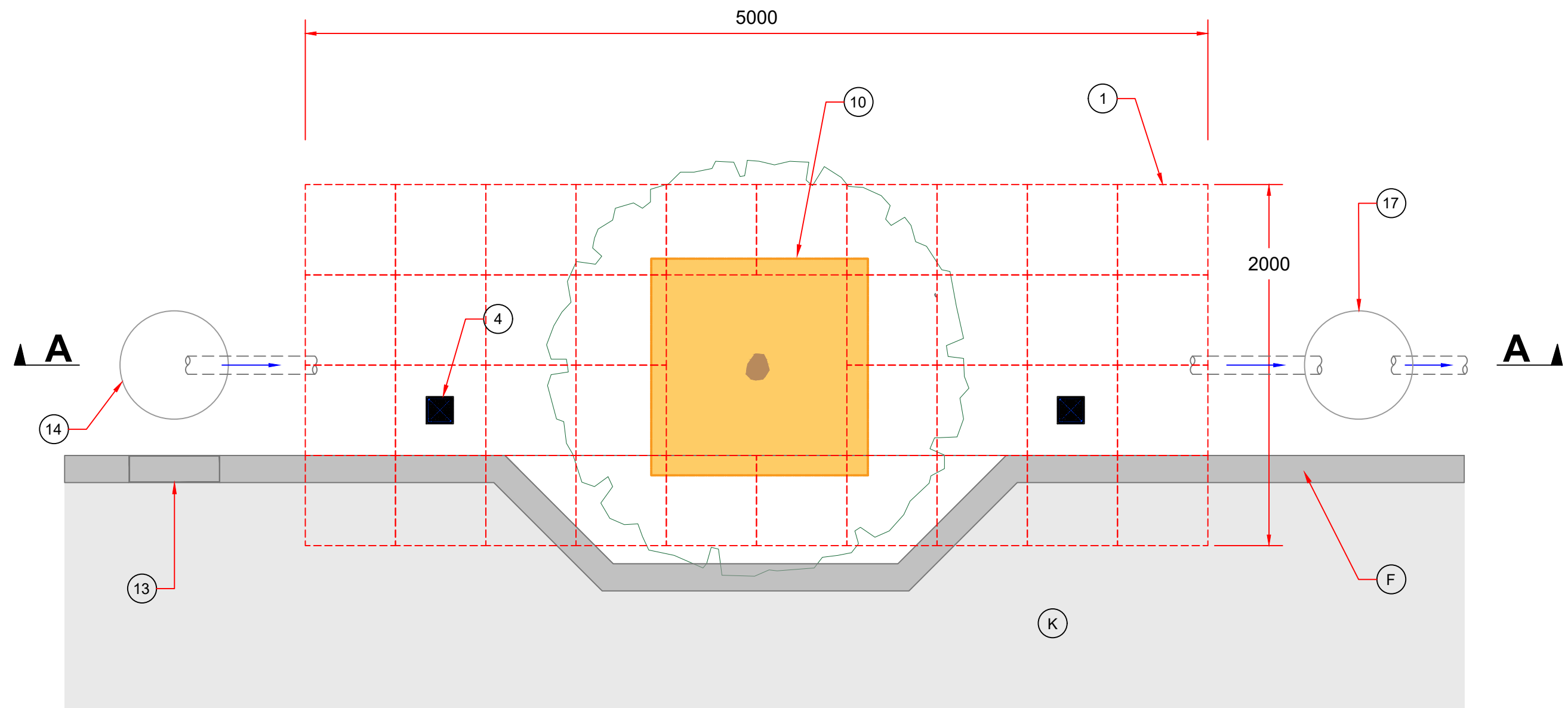
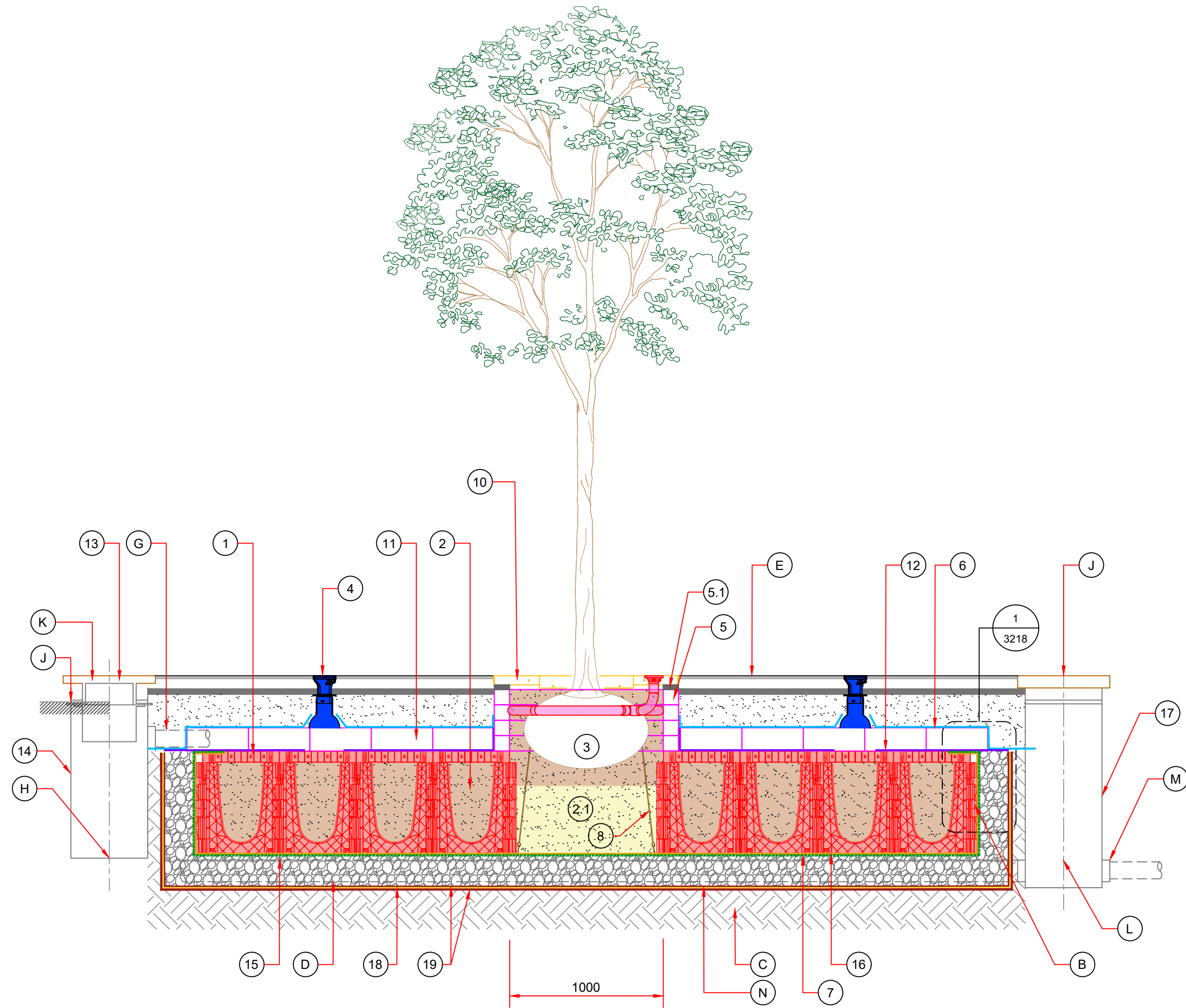
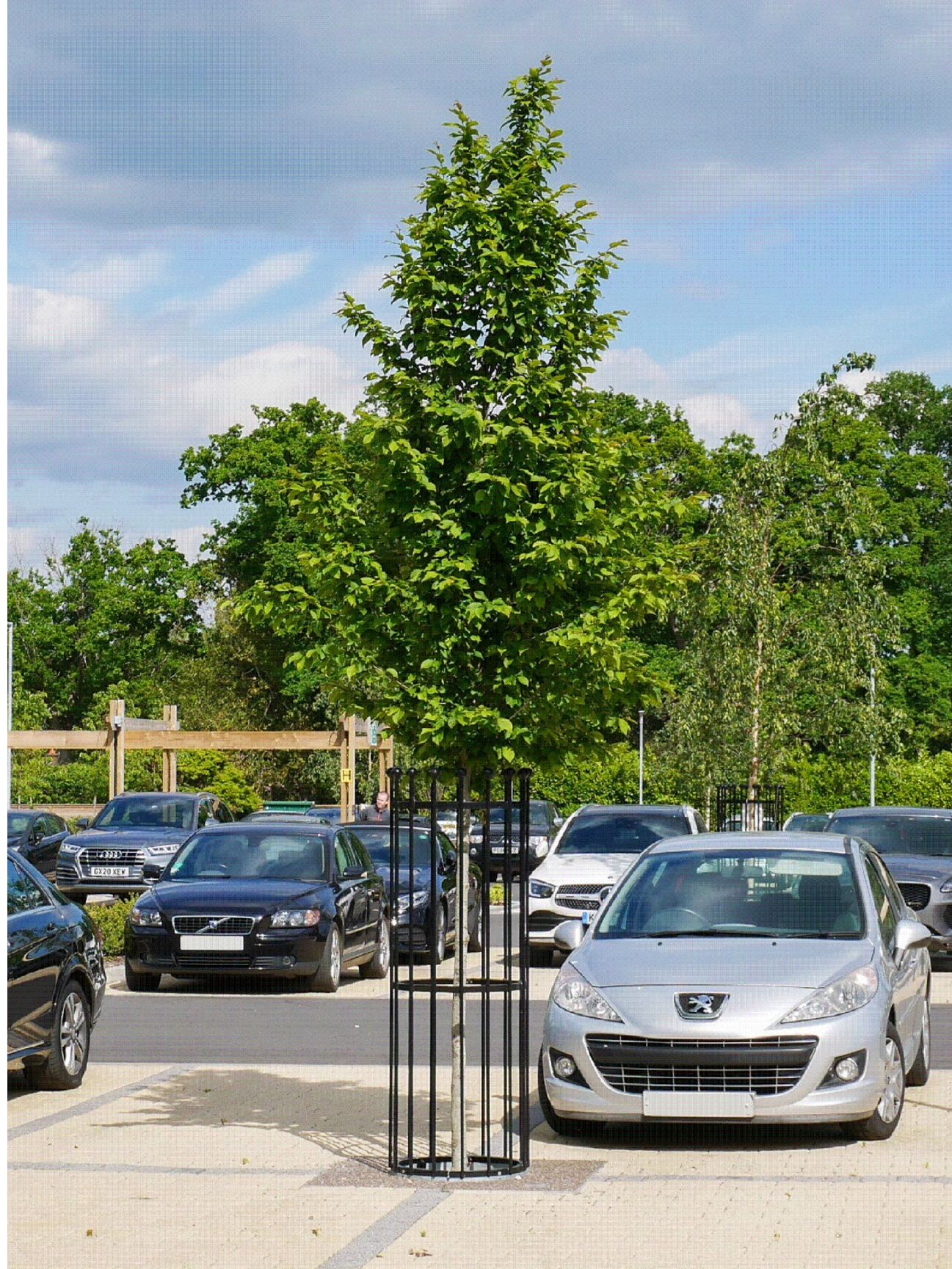
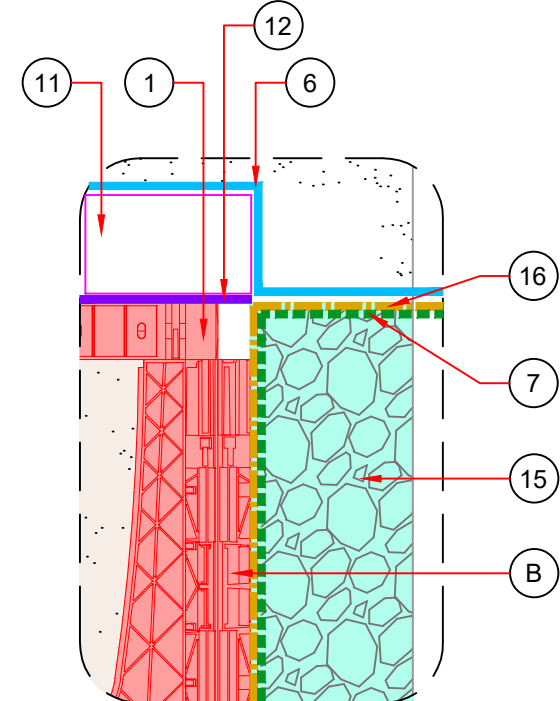




PLAN VIEW



SECTION A-A



DETAIL 1

PACKAGE INCLUDES THE FOLLOWING GREENBLUE URBAN PRODUCTS PER TREE:

- 1 ROOTSPACE @ 600mm DEPTH (1 UNIT DEEP) C/W TWIN WALLED GEONET & OPEN REINFORCING MESH - GBURS61A
NBS: Ss_45_35_05_66, Q31/505, Q31/512, D20/571, Pr_45_63_64_33
- 2 ARBORSOIL HYDRO MAX BIORETENTION SOIL FOR USE WITHIN SUDS APPLICATIONS - ASH-MAX
NBS: Pr_45_31_89_50, Q28/330, Pr_45_31_89_51
- 2.1 WASHED SAND LAYER BELOW 750mm
- 3 ROOTSTART PROFESSIONAL MYCORRHIZA FUNGI ALLOW 200g PER TREE - RSPMF2.5LA
NBS: Pr_45_31_89_58
- 4 ROOTRAIN ARBORVENT CAST ALUMINUM TRAFFICABLE AERATION INLET WITH 150mm SQUARE TOP AND MANIFOLD - RRARBV150B
NBS: Pr_70_55_42_90, Q31/512, S14/110, Ss_55_70_42_60
- 5 ROOTDIRECTOR RISER MODULAR AND STRUCTURAL ROOT DIRECTOR SYSTEM 1000X1000MM CONFIGURATION - RDR100
- 5.1 MORTAR BUILD-UP
- 6 TWIN WALLED STRUCTURAL GEONET (INCLUDED IN ITEM 1) SEE NOTE - GLTWGNA
NBS: Pr_15_57_33_64, D20/555
- 7 20mm OPEN REINFORCING MESH (INCLUDED IN ITEM 1) SEE NOTE - GRN20A
NBS: Pr_15_57_33_64, D20/555
- 8 ARBORGUY ANCHORPLATE STRAPPED ANCHOR SYSTEM - SASAP06A
NBS: Pr_45_63_64_72, Q31/526
- 10 ARBORESIN PRECAST TREE GRILLE 1200MM SQUARE WITH 600MM CENTRAL APERTURE WITH GALVANISED SUPPORT FRAME. INCLUDING ROOTRAIN ARBORVENT IRRIGATION SYSTEM ARBPC12A
NBS: Pr_45_63_64_87, Q50/37, Q50/262, Q10/305
- 11 ARBORCELL LOAD BEARING UNITS 800mm X 400mm X 150mm WITH CLIPS - GBUABC150A
- 12 CLOSE WEAVE MESH FOR USE WITHIN SUDS APPLICATIONS - GBUCWMA
NBS: Pr_25_57_51_66, D20/58, Q20/170, D20/550, Q25/365, Q25/64
- 13 CAST IRON KERB INLET FOR USE IN GBU SUDS TREE PIT SYSTEMS - GBUCIK1500A
- 14 SILT TRAP
- 15 20mm - 40mm CLEAN ANGULAR DRAINAGE AGGREGATE
- 16 HESSIAN BIODEGRADABLE FILTER SHEET FOR USE WITHIN SUDS APPLICATIONS. SEE NOTE A - GBUHESA
- 17 ARBORFLOW REGULATING CHAMBER
- 18 EPDM Rubber Liner GBURIMMA
- 19 PROTECTIVE FLEECE - HPFPF

NOTES:

- A 20% ADDITIONAL FOR WITH THE GEOTEXTILE AND REINFORCING GEOGRID TO ALLOW FOR OVERLAP AND CUTTING REQUIREMENTS
- B INSTALL ROOTSPACE SIDE PANELS TO INSTALLATION AS DIRECTED BY ENGINEER
- C EXISTING GROUND / FORMATION LEVEL
- D POSITIVE DRAINAGE PIPE (SUPPLIED BY OTHERS)
- E BUILD-UP TO SUIT ENGINEER DESIGNS AND REQUIREMENTS
- F KERB (AS PER STANDARD)
- G WATER FLOWS IN TO THE ARBORCELLS VIA PERFORATED PIPE
- H ROAD SURFACE DEBRIS SETTLE IN THE BASE OF THE SILT TRAP
- J INSPECTION COVER
- K ROAD SURFACE LEVEL
- L HOLE IN WEIR PLATE SHOULD NOT BE ABOVE TOP OF THE DRAINAGE LAYER
- M CONTROLLED FLOW TO DRAINS
- N ADDITIONAL TWINWALL GEONET (GLTWGNA) TO BE INSTALLED WHERE SUB-BASE IS INSTALLED BELOW 3% CBR - MINIMUM 2% CBR OF FORMATION LEVEL TO BE ASSESSED BY ENGINEER

STRUCTURAL ENGINEER'S NOTE:

NOTES

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. GROUND INVESTIGATION SHOULD BE UNDERTAKEN PRIOR TO CONSTRUCTION STAGE. INFILTRATION TESTING TO BE UNDERTAKEN TO BRE365 STANDARDS AND MONITORING OF GROUND WATER LEVEL TO BE UNDERTAKEN TO ASSESS THE MAXIMUM WATER LEVEL.
3. GREENBLUE PRODUCTS SHOWN IN THE COLORS ARE INDICATIVE ONLY ORIGINAL COLOR VARIES
4. SOIL VOLUME ASSUMED SUFFICIENT AS PER TREE SPECIES SOIL VOLUME GUIDE.

★ ★ SOIL VOLUME FOR THIS DESIGN: 6m³ IN ROOTSPACE 5m x 2m Tree Pit

IF THE INSTALLATION IS TO BE TANKED THEN WE RECOMMEND A THIRD PARTY INSPECTION IN LINE WITH THE CURRENT CIRIA GUIDELINES.

SYSTEMS CAN SCALE WITH ATTENUATION REQUIREMENTS AND WORK WITH SITE RESTRAINTS

A	MAR2025	DRAFT		NG	BA
Rev.	Date	Description of revision	Drawn	Checked	Review'd

DRAWING STATUS

DRAFT

CLIENT

GREEN BLUE URBAN

SCHEME TITLE

TREE PRODUCT PACKAGES

DRAWING TITLE

KERBSIDE SUDS TREE PIT FOR SMALL TREE SPECIES IN HARD LANDSCAPE

DRAWING UNITS U.N.O. ALL DIMENSIONS IN MILLIMETERS UNLESS STATED OTHERWISE

SCALE AT A1 (841x594mm) NTS@ A1

DRAWING No. GBU-TDAGSUDS-3218

REV. A

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