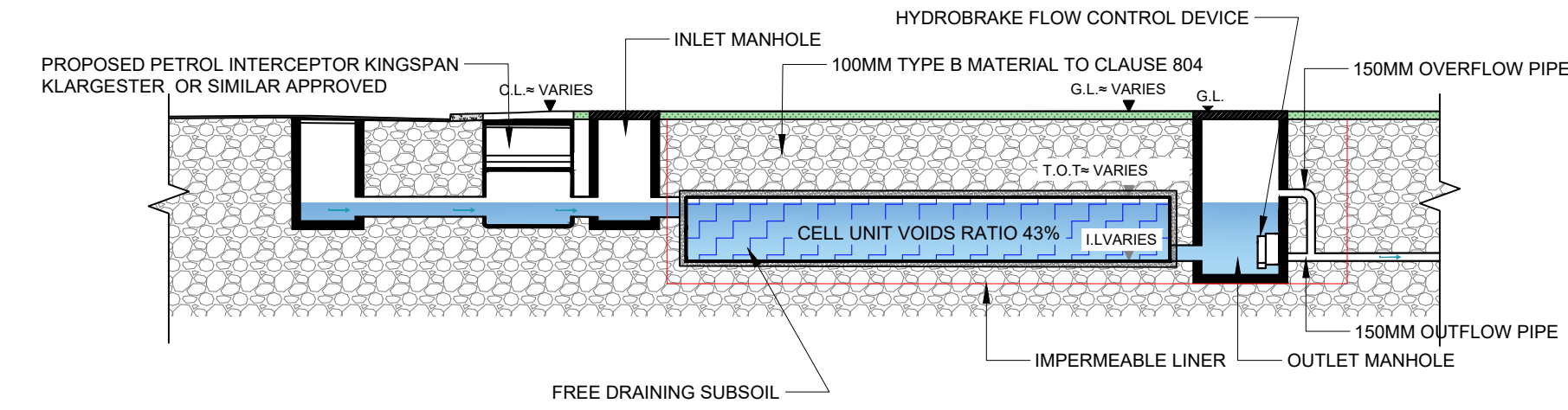


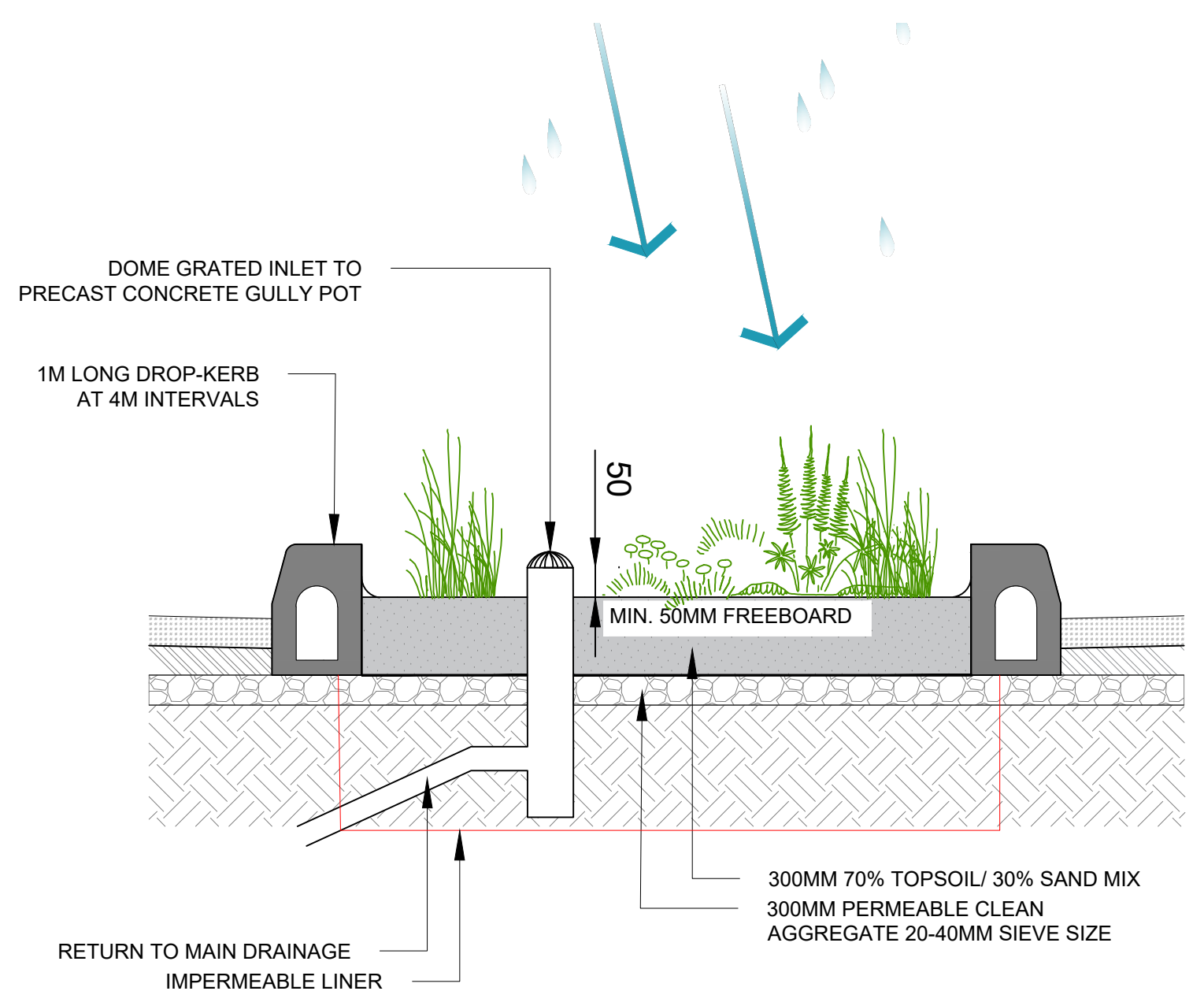
TYPICAL PLAN OF ATTENUATION UNIT
SCALE 1:50 @ A1 / @ A3 1:100



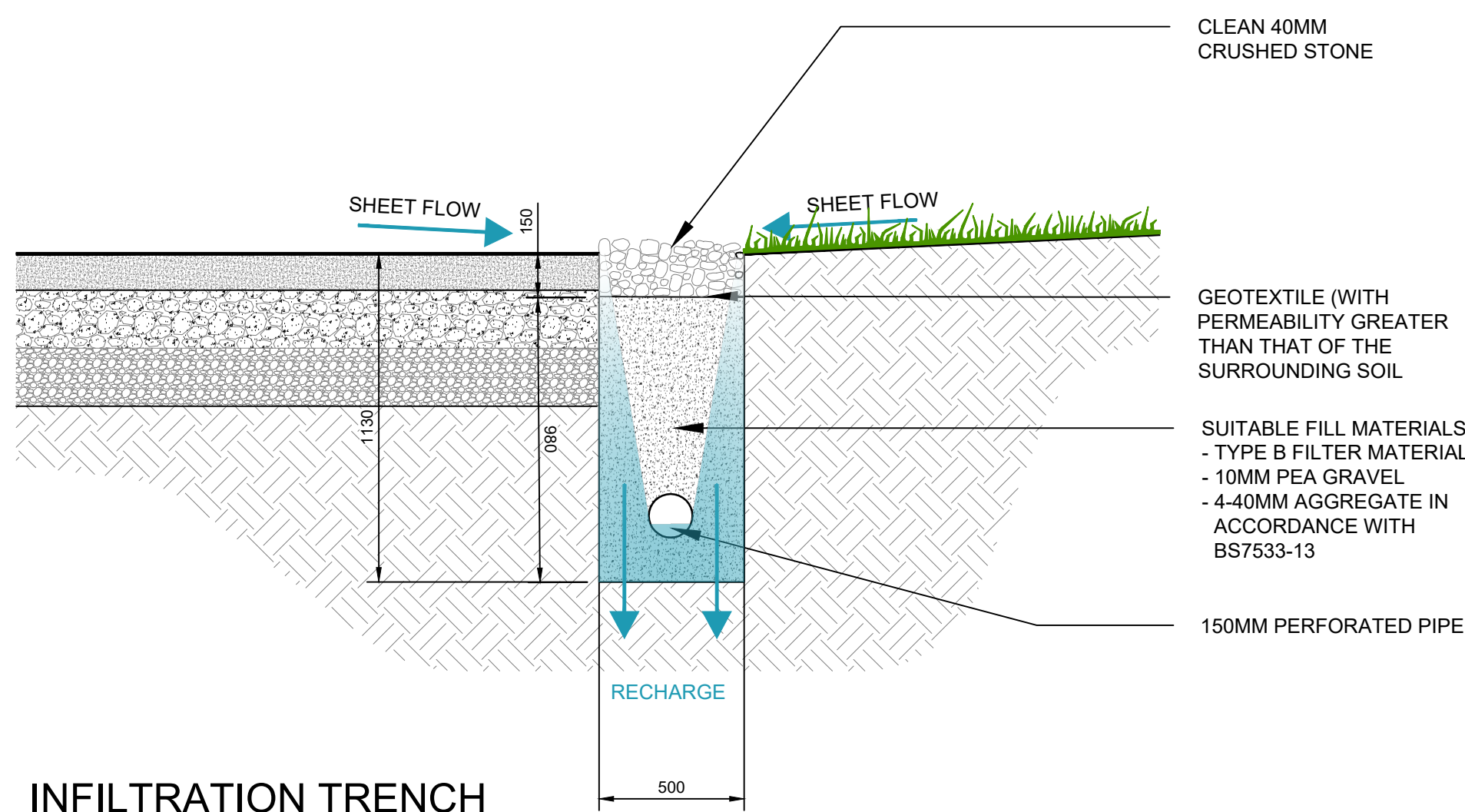
TYPICAL SECTION A-A
SCALE 1:50



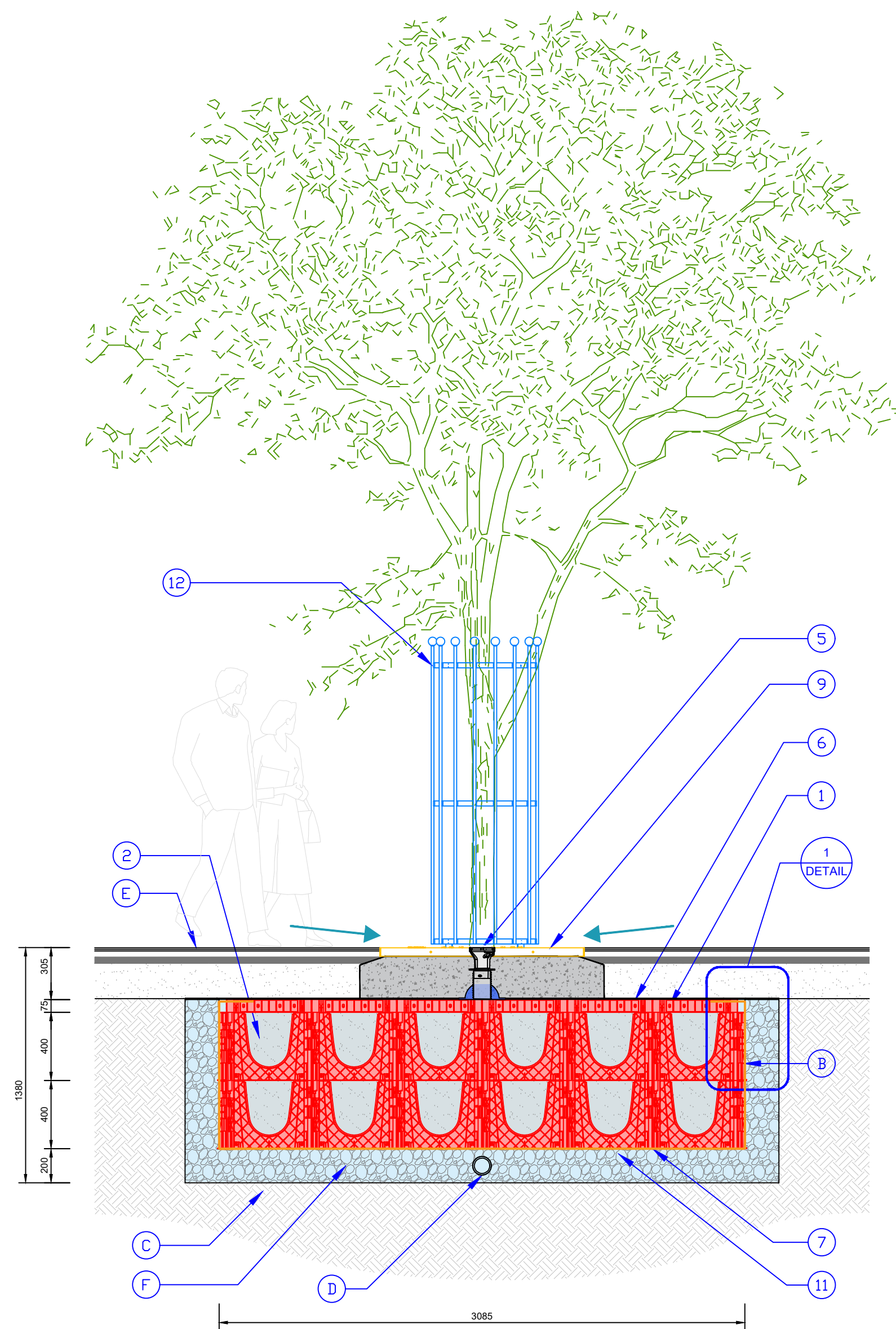
PERMEABLE PAVING BUILD-UP
SCALE 1:20



TYPICAL KERBSIDE RAINGARDEN WITH RETURN
TO MAIN DRAINAGE
SCALE 1:10



INFILTRATION TRENCH
SCALE 1:20



TYPICAL SuDS TREE PIT
SCALE 1:25

- PACKAGE INCLUDES THE FOLLOWING GREENBLUE URBAN PRODUCTS PER TREE:**
- 1 ROOTSPACE @ 800mm DEPTH (2 UNIT DEEP) CW TWIN WALLED GEONET & OPEN REINFORCING MESH - GBURS42A
 - 2 ROOTSOIL 20 TOPSOIL FOR USE WITHIN TOP 600 OF SOIL PROFILE - ROOTSOIL20
 - 3 ROOTSOIL SUB SUBSOIL FOR USE WITHIN SOIL PROFILES 600mm OR DEEPER - ROOTSOILSUBA
 - 4 ROOTSTART PROFESSIONAL MYCORRHIZA FUNGI ALLOW 200g PER TREE - RSPMF2.5LA
 - 5 ROOTRAIN ARBORVENT CAST ALUMINIUM TRAFFICABLE AERATION INLET WITH 150mm SQUARE TOP AND MANIFOLD - RRARBV150B
 - 6 TWIN WALLED STRUCTURAL GEONET (INCLUDED IN ITEM 1) SEE NOTE 1 - GLTWGNA
 - 7 20mm OPEN REINFORCING MESH (INCLUDED IN ITEM 1) SEE NOTE 1 - GRN20A
 - 8 ARBORGYUY ANCHORPLATE STRAPPED ANCHOR SYSTEM - SASAP08A
 - 9 ADUR DESIGN CAST DUCTILE TREE GRILLE 1200mm SQUARE WITH 800mm CENTRAL APERTURE WITH GALVANISED SUPPORT FRAME. INCLUDING ROOTRAIN HYDROGRILLE IRRIGATION SYSTEM - ADUR12A
 - 10 MEDIUM ROOTDIRECTOR WITH ROOT DEFLECTING RIBS - 800mm OPEN APERTURE FOR ROOTBALL - RD1000-RSA
 - 11 10mm - 20mm CLEAN ANGULAR DRAINAGE AGGREGATE - GBUDRSA
 - 12 ULLSWATER VERTICAL STEEL TREE GUARD 1800mm HIGH x 600mm Ø, INCLUDING TREE GUARD TIE - ULLSSP6A
 - 13 ARBORMULCH BARK MULCH - GBUMULCHA

- NOTES:**
- A ALLOW 20% ADDITIONAL FOR GEOTEXTILE AND REINFORCED GEOGRID FOR OVERLAP AND CUTTING REQUIREMENTS
 - B INSTALL ROOTSPACE SIDE PANELS TO INSTALLATION AS DIRECTED BY ENGINEER
 - C EXISTING GROUND
 - D POSITIVE DRAINAGE PIPE (110mm PERFORATED PIPE)
 - E BUILD-UP TO SUIT ENGINEER DESIGNS AND REQUIREMENTS
- STRUCTURAL ENGINEER'S NOTE:**
- F 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

- NOTES:**
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
 - ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
 - ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
 - THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD.

Rev	Date	Description	By	Chkd.
P02	01.08.2025	Minor Revisions	EC	RB
P01	04.07.2025	Issued For Planning	AOR	RB

Client: Land Development Agency

Project: Galway Port LRD Mixed Use Development

Title: Typical SuDS Details

Scale @ A1: As Shown

Prepared by: AOR Checked by: RB Date: July 2025

Drawing Status: Planning

TOBIN

Tel: +353 (0)91 565 211
Email: info@tobin.ie
www.tobin.ie

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