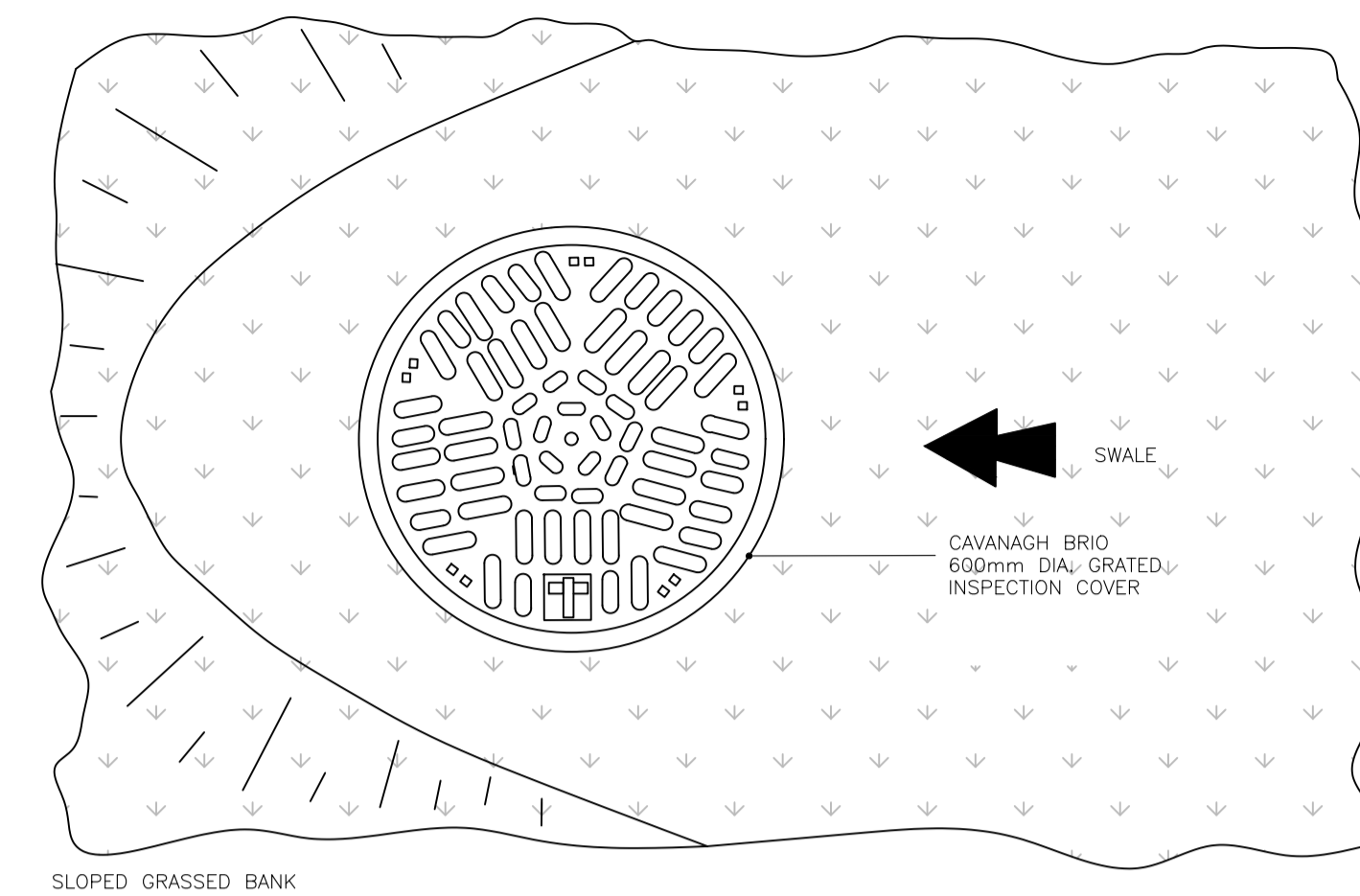
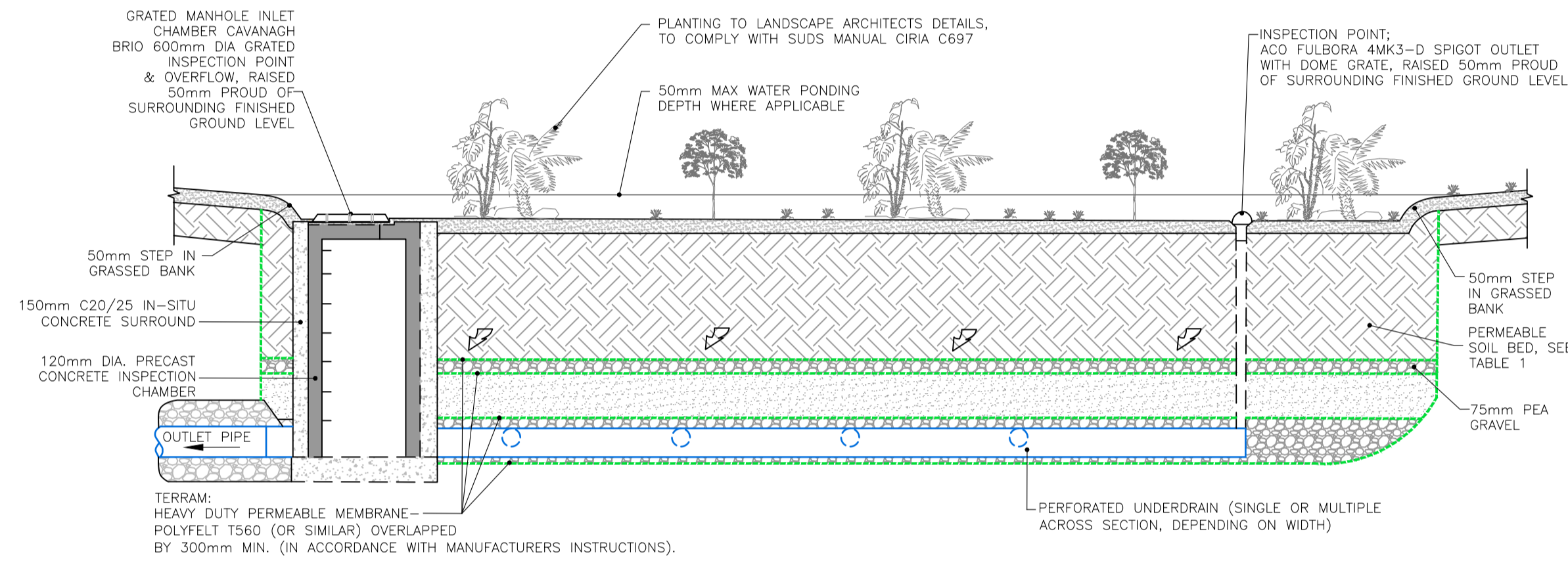


PLAN



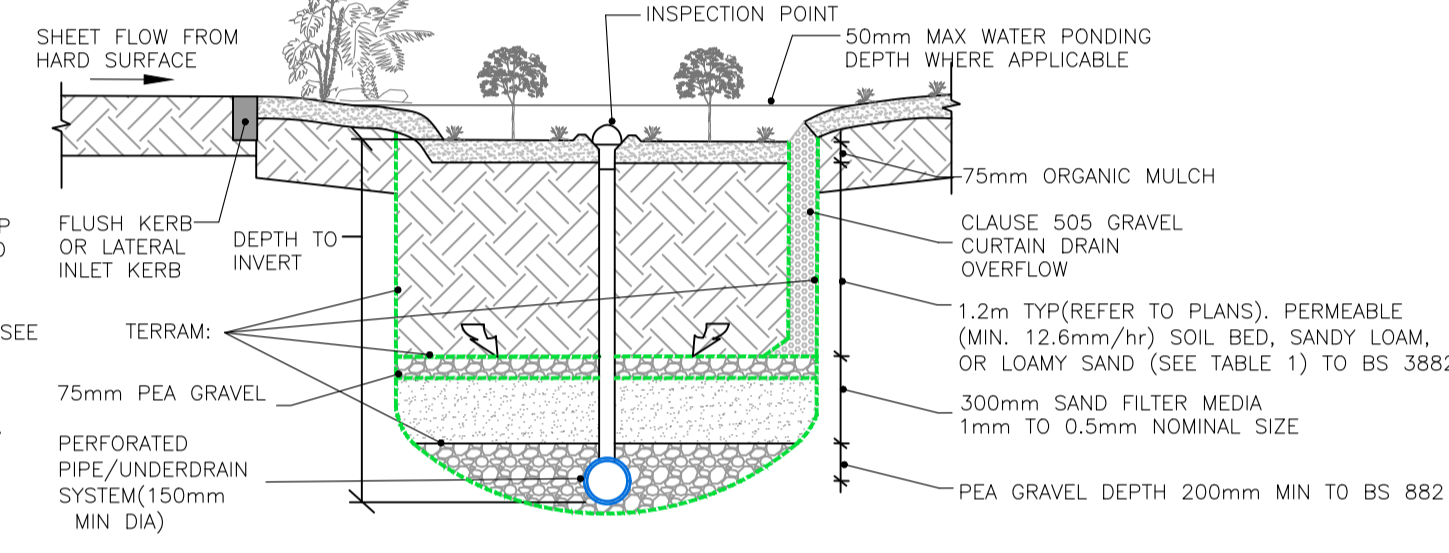
PLAN SCALE NTS

TABLE 1	
COMPONENT	PERCENTAGE MIXTURE
SAND	35-60%
SILT	30-50%
CLAY	10-25%
ORGANIC MATTER	0-4%
TOP SOIL	-

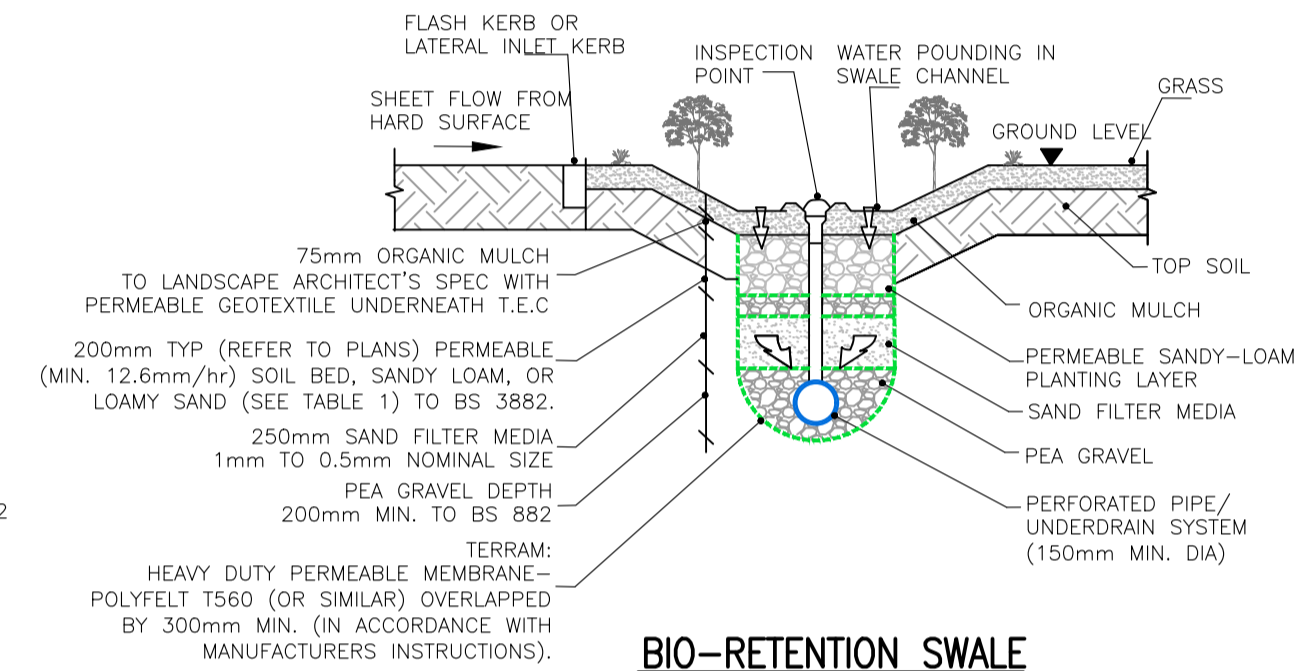


SECTION 1-1

ON-LINE BIORETENTION AREA-SCHEMATIC LAYOUT SCALE NTS



SECTION 2-2



BIO-RETENTION SWALE SCALE NTS

NOTES:

GENERAL NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICE ENGINEERS DRAWINGS & SPECIFICATIONS.
- ALL LEVELS ARE STRUCTURAL UNLESS NOTED OTHERWISE.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BUILDING REGULATIONS.
- DO NOT SCALE - WORK TO FIGURE DIMENSIONS ONLY.

QUALITY
ISO 9001:2000
NSAI Certified

ENGINEERS IRELAND
cpd ACCREDITED COMPANY

Referenced drawings	
Dwg No.	Dwg Title

Issue register					
Rev.	Date	Description	Drawn	Chkd.	Apprv.
PL1	08.04.22	PART 8	TD	MC	NP

Client: **KILDARE CO. CO.**

Job Description: **HOUSING DEVELOPMENT AT GREENSFIELDS, MAYNOOTH, Co. KILDARE**

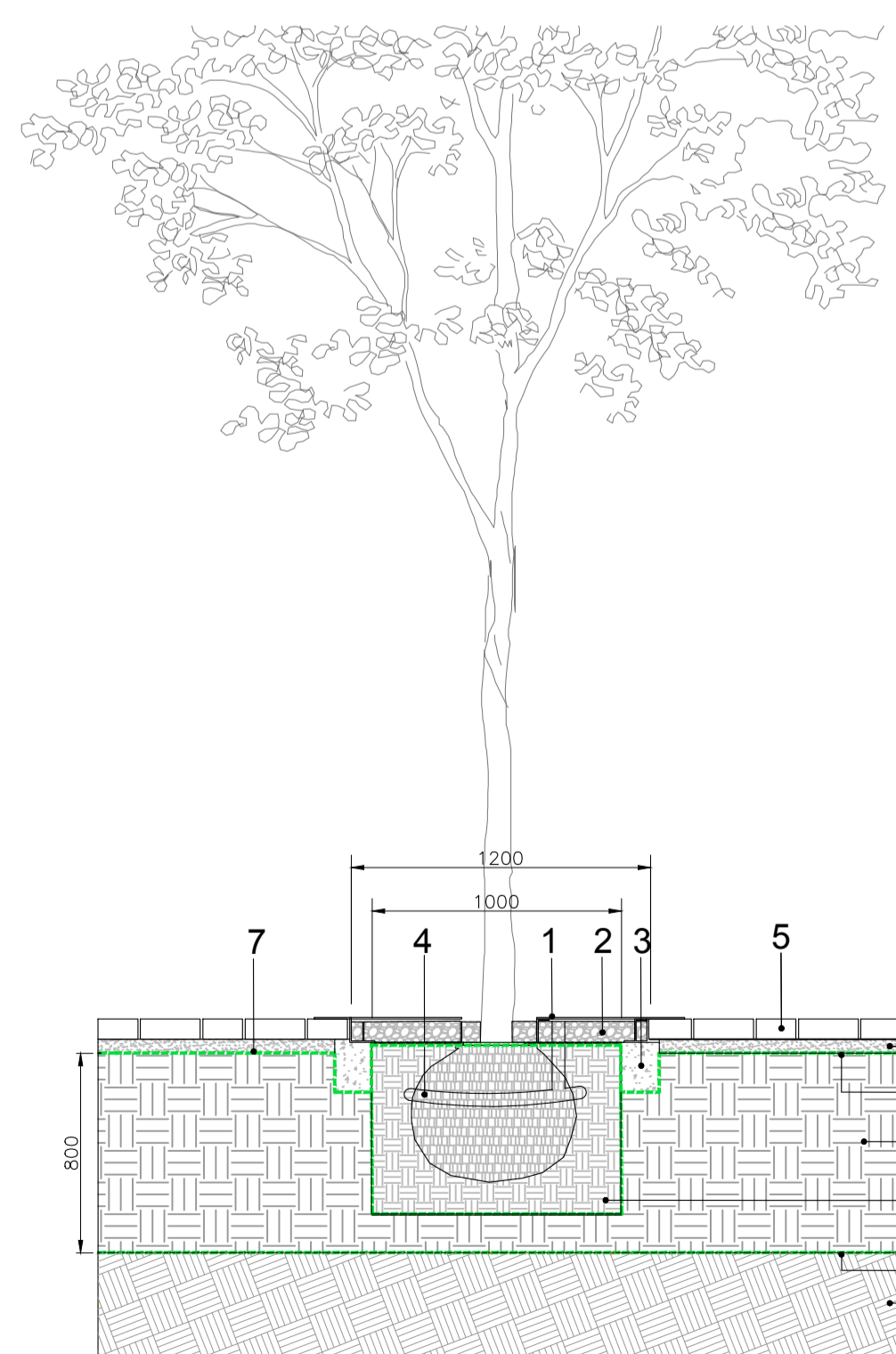
Status: **PART 8**

Drawing Title: **NATURAL BASE SOLUTIONS DETAILS SHEET 1**

Project No: 21KK001	Drawing Ref: C-050	Rev: PL1
Date: 03.12.21	Scale: AS SHOWN	
Drawn By: EH	Checked By: MC	Approved By: N.PATTERSON

Hayes Higgins Partnership

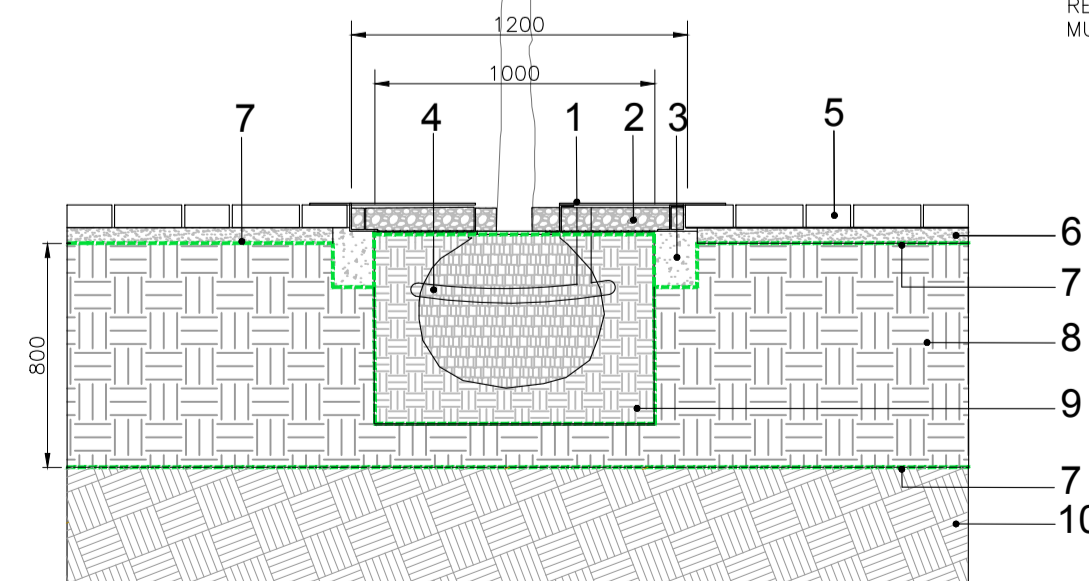
Gas House Lane, Kilkenny.
Gas House Lane, Kilkenny.
056 7764710 056 7723223 info@hayeshiggins.com
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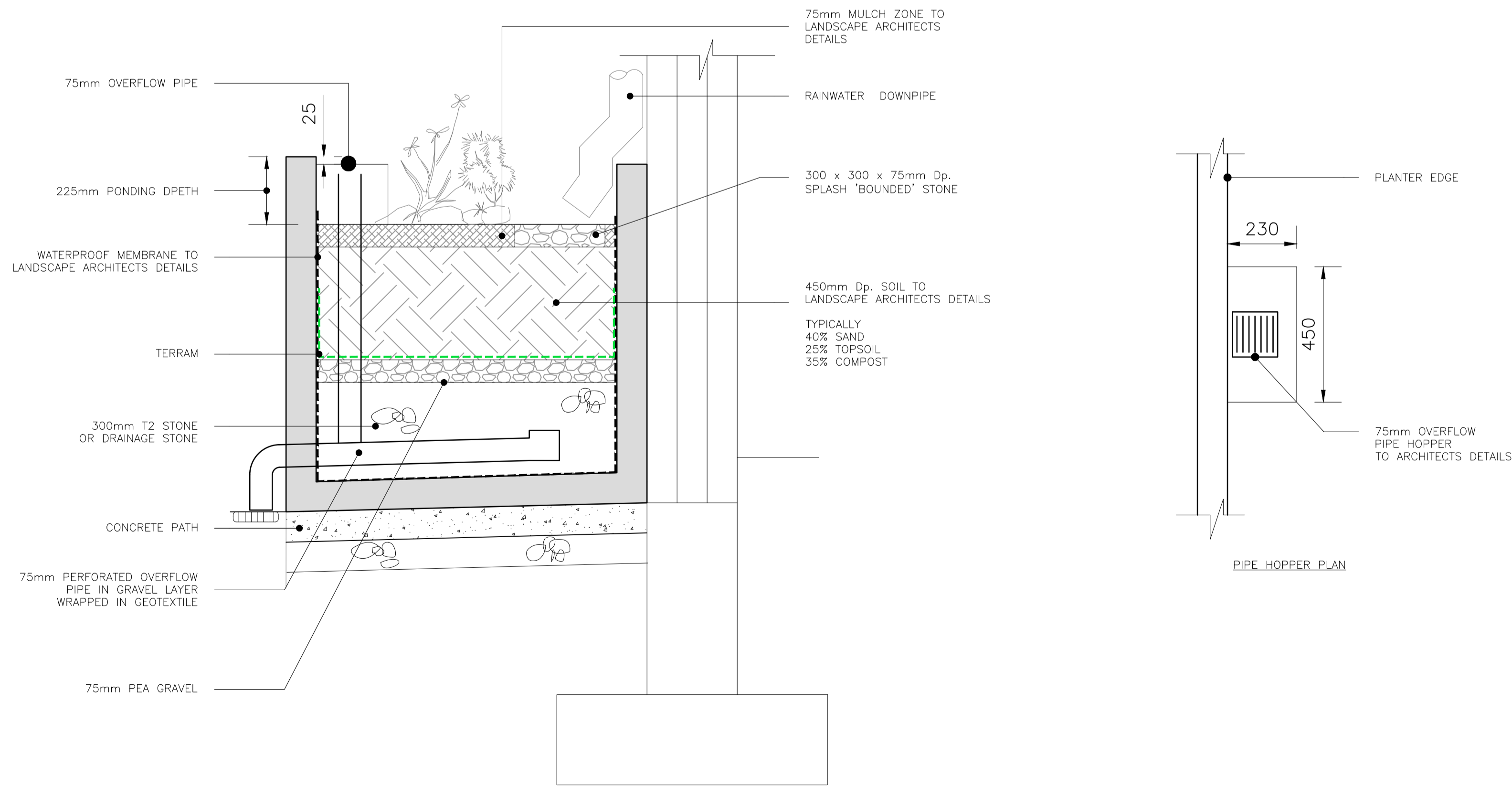
SECTION THROUGH TREE PIT SCALE NTS

- TREE GRILLE - 1000 X 1000MM CAST IRON SUNBURST TREE GRILLE BY CASTIT OR EQUAL MULCH LAYER 50MM, DEPTH TO ALLOW 10MM AIR GAP BENEATH BOTTOM OF TREE GRILLE COVER
- CONCRETE HAUNCHING TO TREE GRILLE FRAME ROOTBALL WITH 50MM DIA. PERFORATED PIPE WRAPPED AROUND FOR WATERING.
- PAVING AS PER SPECIFICATION
- COMPACTED NATURALLY OCCURRING SHARP SAND OR 2-6MM CRUSHED STONE GRIT LAYING COURSE
- TERRAM: HEAVY DUTY PERMEABLE MEMBRANE - POLYFELT T560 (OR SIMILAR) OVERLAPPED BY 300mm MIN. (IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS).
- 800MM DEEP STRUCTURAL SOIL 60:40 CLEAN STONE, TOPSOIL
- TOPSOIL IN BIODEGRADABLE COIR NET
- SUBSOIL

NOTE: ALL TOPSOIL TO COMPLY WITH THE REQUIREMENTS OF BS3882:2015 - MULTIPURPOSE TOPSOIL



SECTION OF CONSTRUCTED TREE PITS WITH STRUCTURAL SOIL [SUBSURFACE] SCALE NTS



CROSS SECTION THROUGH RAISED PLANTER SCALE NTS