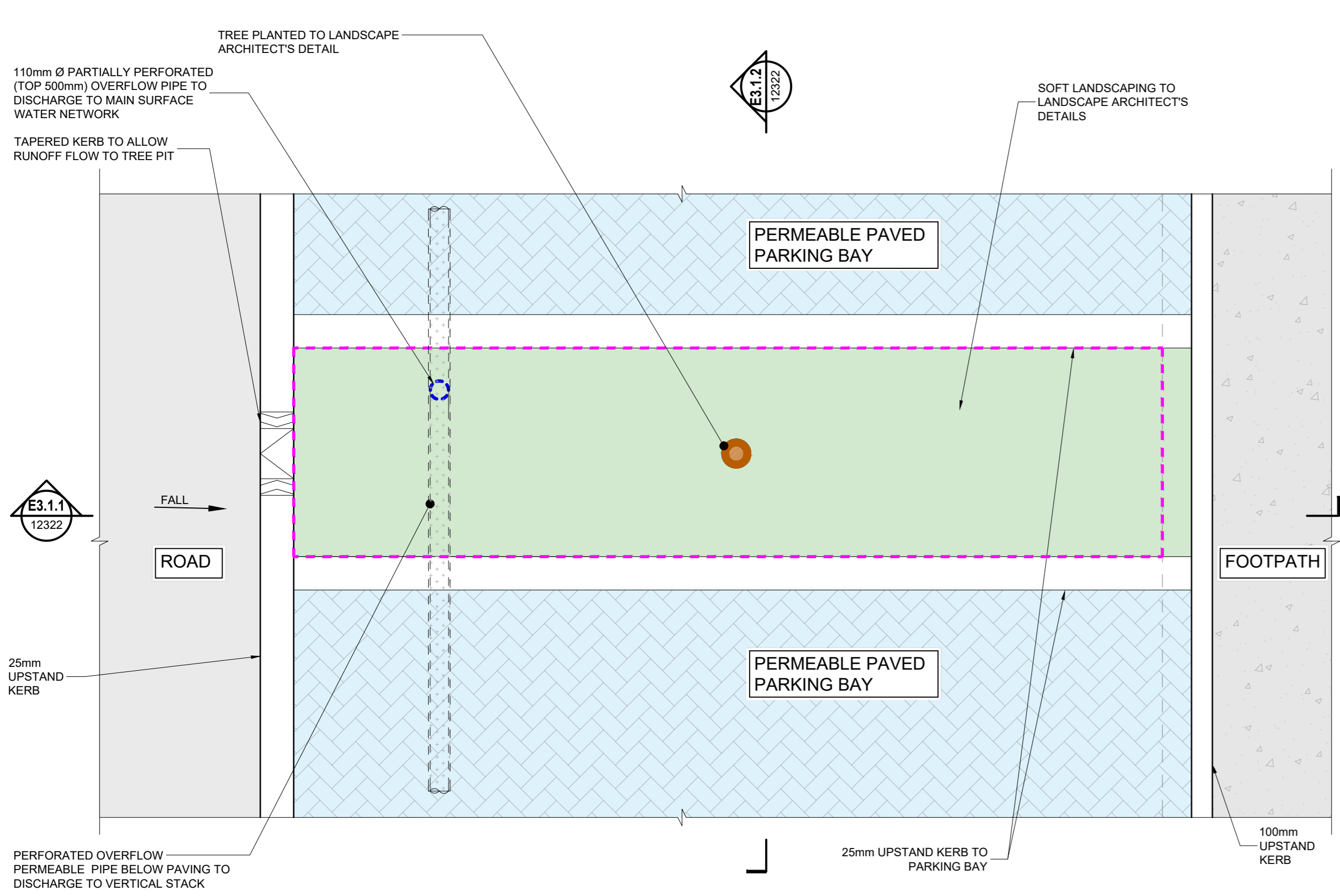


NOTES

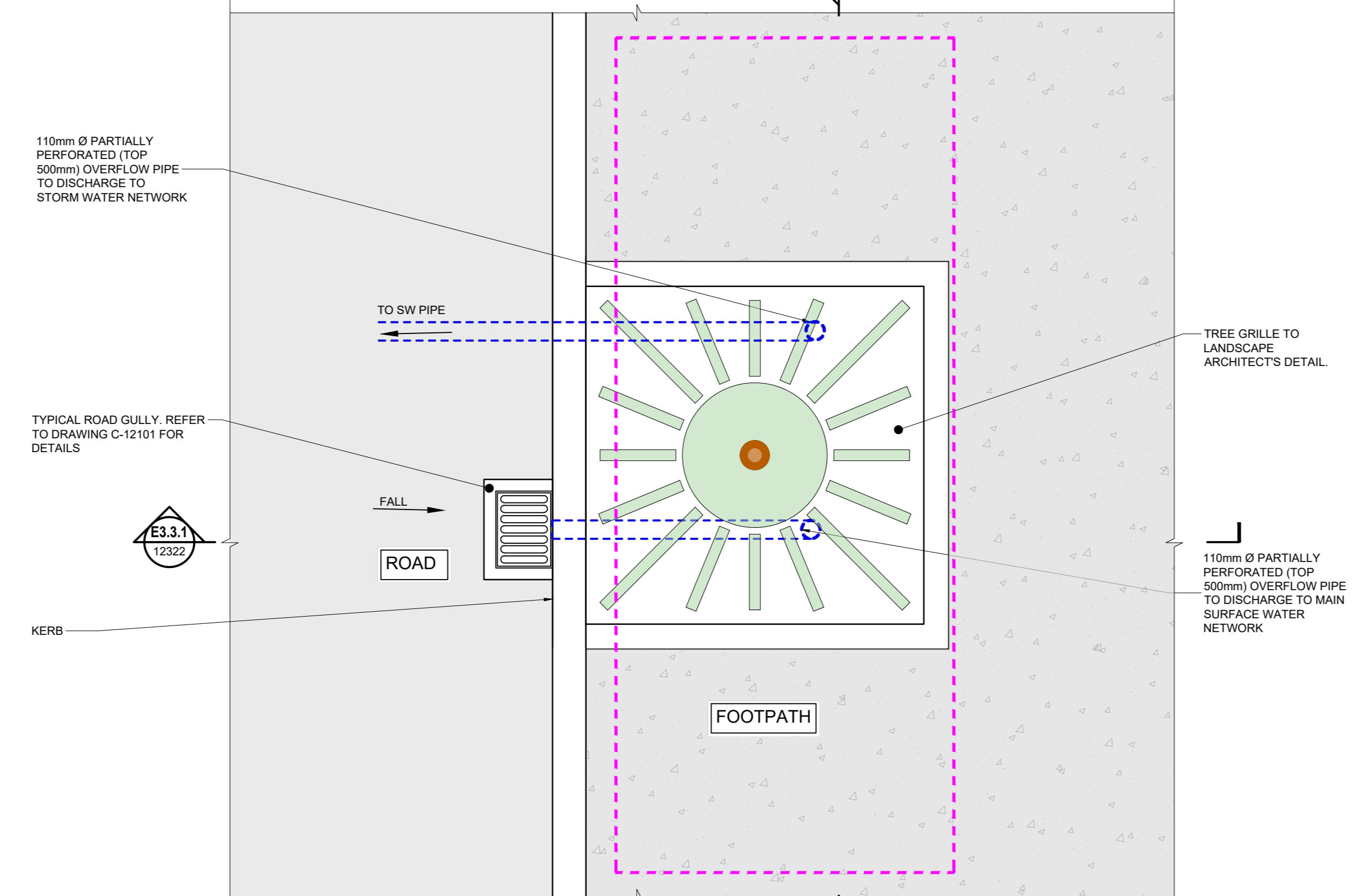
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS & ARCHITECTS DRAWINGS & DIMENSIONS ONLY (NOT SCALING) TO BE USED. WHERE A CONFLICT OF INFORMATION EXISTS OR IF IN ANY DOUBT - ASK.
- CONSULTANTS TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

TREE PIT - DIRECT DISCHARGE HARDSTANDING AREA - TYPE1

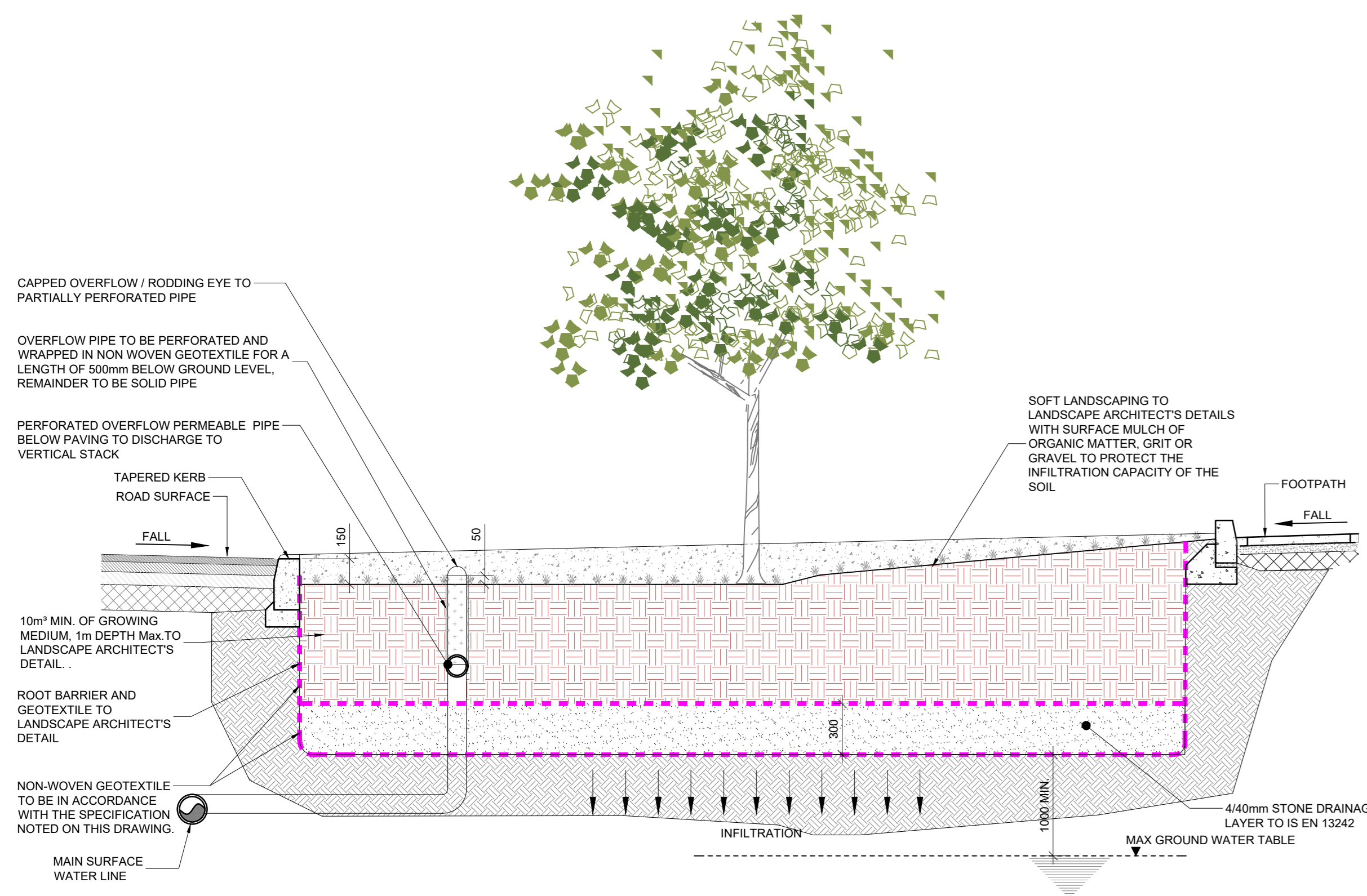


TYPICAL PLAN
SCALE @ A0: 1:25
SCALE @ A2: 1:50

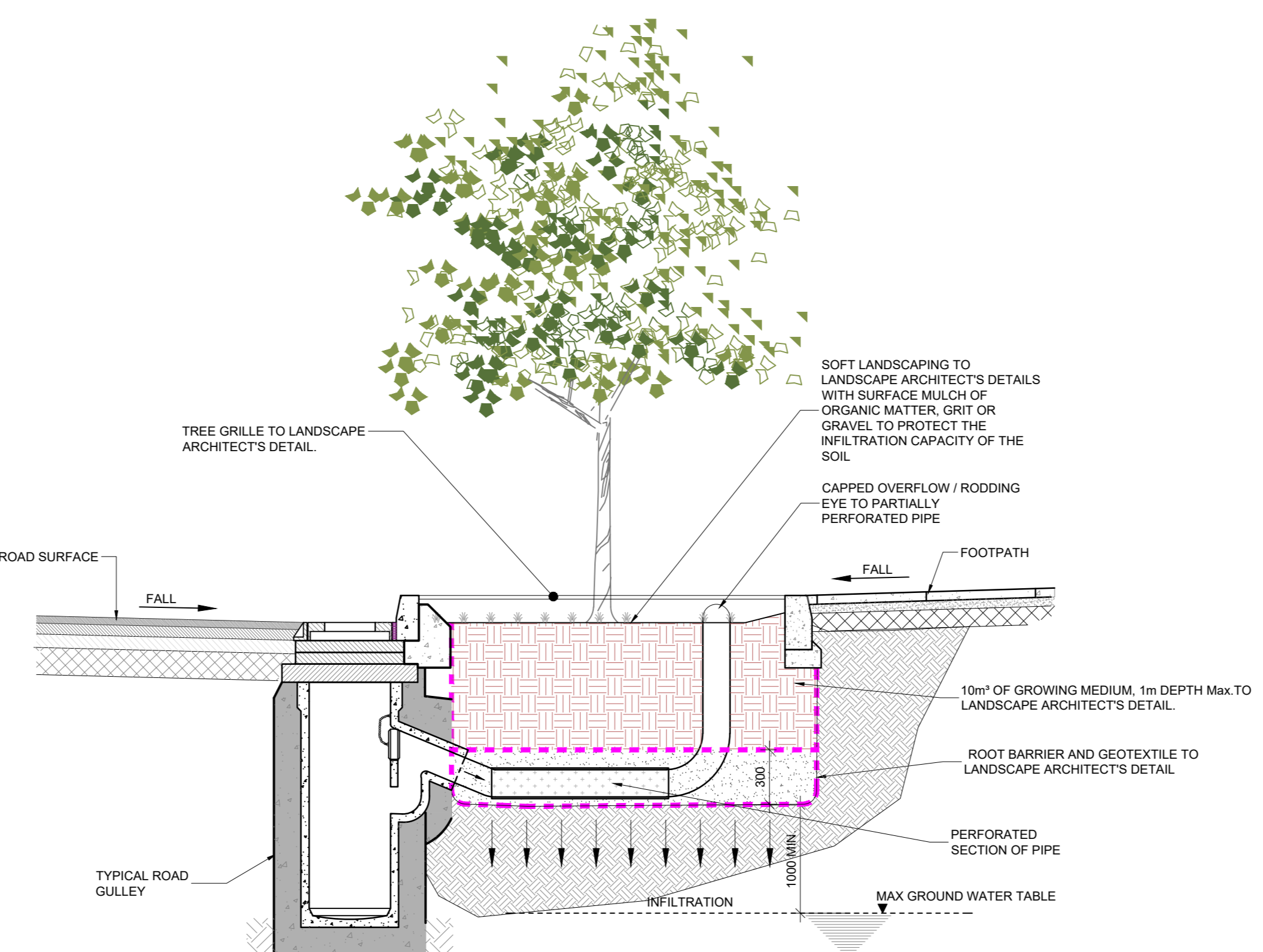
TREE PIT - DIRECT DISCHARGE FROM ROAD GULLEY



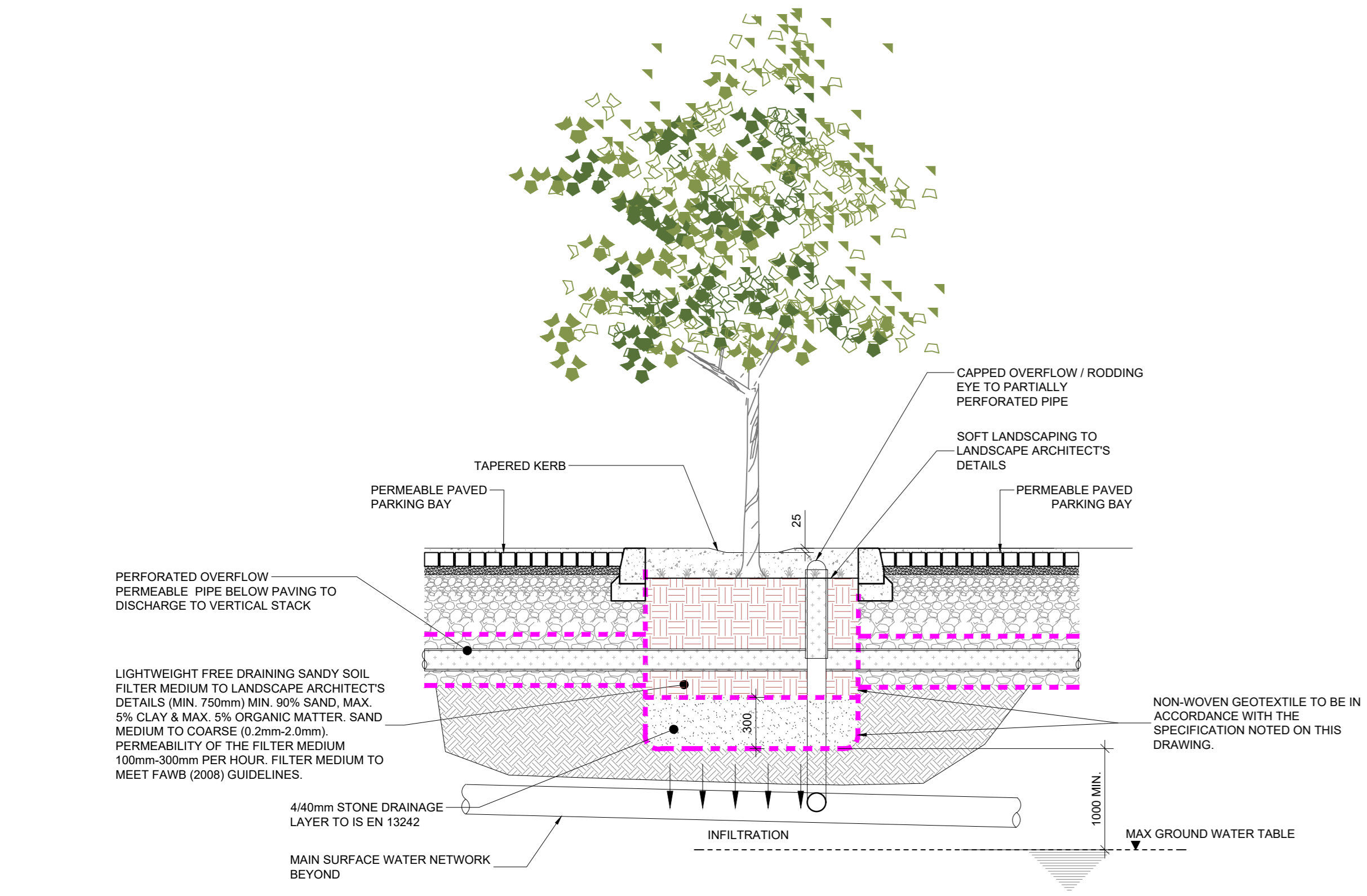
TYPICAL PLAN
SCALE @ A0: 1:25
SCALE @ A2: 1:50



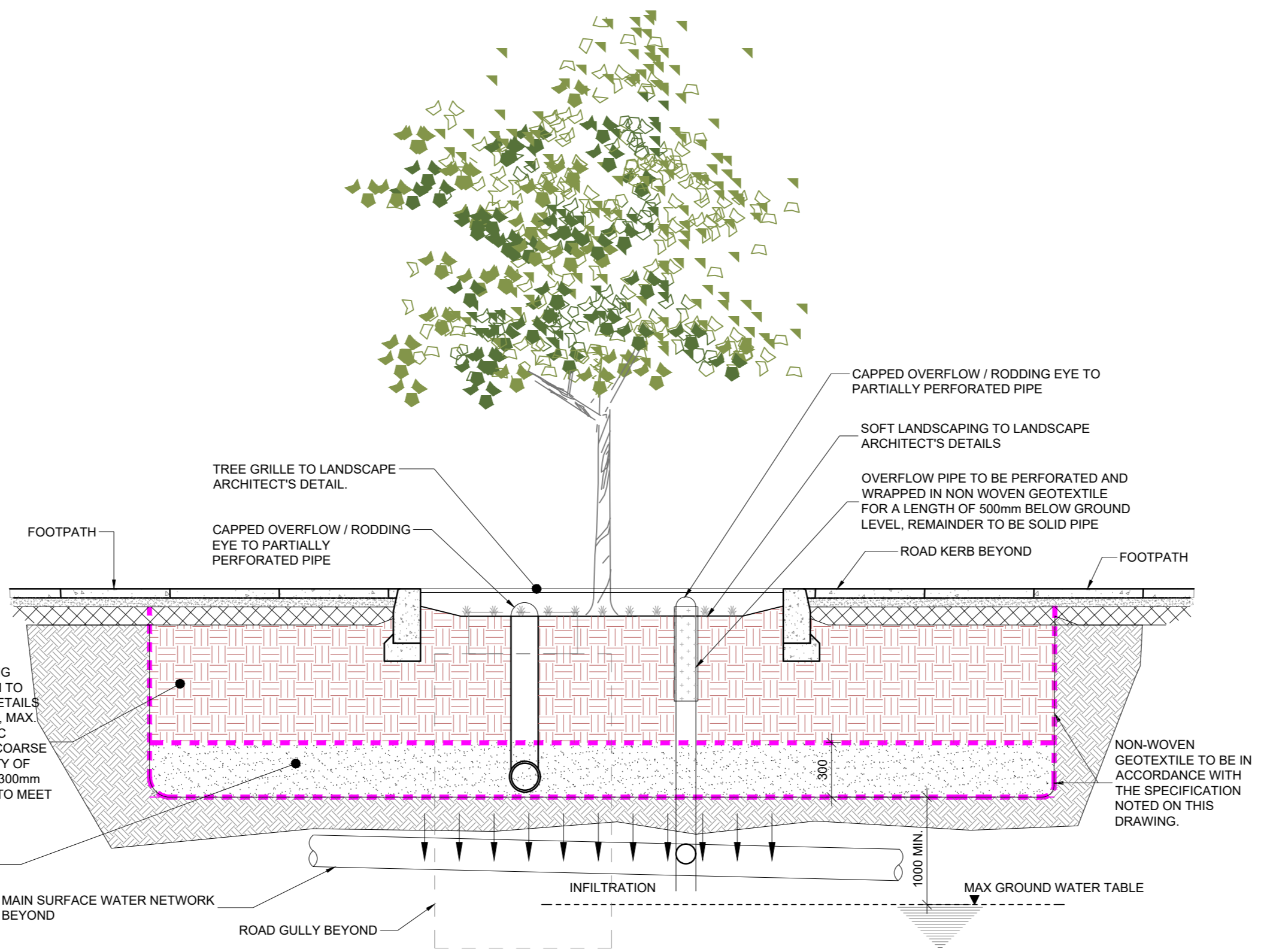
TYPICAL SECTION E3.1.1
SCALE @ A0: 1:25
SCALE @ A2: 1:50



TYPICAL SECTION E3.3.1
SCALE @ A0: 1:25
SCALE @ A2: 1:50



TYPICAL SECTION E3.1.2
SCALE @ A0: 1:25
SCALE @ A2: 1:50



TYPICAL SECTION E3.3.2
SCALE @ A0: 1:25
SCALE @ A2: 1:50

MAINTENANCE REQUIREMENTS FOR BIORETENTION SYSTEMS & TREE PITS

- REGULAR INSPECTIONS**
INSPECT INFILTRATION SURFACES FOR SILTING AND PONDING, RECORD DE-WATERING TIME OF THE FACILITY AND ASSESS STANDING WATER LEVELS IN UNDERDRAIN (IF APPROPRIATE) TO DETERMINE IF MAINTENANCE IS NECESSARY. FREQUENCY - QUARTERLY
CHECK OPERATION OF UNDERDRAINS BY INSPECTION OF FLOWS AFTER RAIN. FREQUENCY - ANNUALLY
ASSESS PLANTS FOR DISEASE INFECTION, POOR GROWTH, INVASIVE SPECIES ETC AND REPLACE AS NECESSARY. FREQUENCY - QUARTERLY
INSPECT INLETS AND OUTLETS FOR BLOCKAGE. FREQUENCY - QUARTERLY
- REGULAR MAINTENANCE**
REMOVE LITTER AND SURFACE DEBRIS AND WEEDS. FREQUENCY - QUARTERLY (OR MORE FREQUENTLY FOR TIDINESS OR AESTHETIC REASONS)
REPLACE ANY PLANTS, TO MAINTAIN PLANTING DENSITY. FREQUENCY - AS REQUIRED
REMOVE SEDIMENT, LITTER AND DEBRIS BUILD-UP FROM AROUND INLETS OR FROM FOREBAYS. FREQUENCY - QUARTERLY TO BIANNUALLY
INFILL ANY HOLES OR SCOUR IN THE FILTER MEDIUM, IMPROVE EROSION PROTECTION IF REQUIRED. FREQUENCY - AS REQUIRED
REPAIR MINOR ACCUMULATIONS OF SILT BY RAKING AWAY SURFACE MULCH, SCARPING SURFACE OF MEDIUM AND REPLACING MULCH. FREQUENCY - AS REQUIRED
- REMEDIATION ACTIONS**
REMOVE AND REPLACE FILTER MEDIUM AND VEGETATION ABOVE. FREQUENCY - AS REQUIRED BUT LIKELY TO BE > 20 YEARS

ROOTSPACE SUPPORT STRUCTURE UNDER COVERED / GRILLED TREE PITS.

IN ALL COVERED COVERED / GRILLED TREE PITS AND IN ALL INSTANCES WHERE THE TREE PIT SOIL EXTENDS BENEATH THE FOOTPATH / PAVEMENT, A PROPRIETARY ROOTSPACE PAVEMENT SUPPORT SYSTEM BY GREENLEAF IRELAND, OR EQUAL APPROVED, SHALL BE INTEGRATED ACROSS THE FULL EXTENT OF THE TREE PIT. REFER TO LANDSCAPE ARCHITECTS DRAWING FOR TREE PIT SOIL EXTENTS.

PL1	19.03.24	ISSUED FOR PLANNING	AM
ISSUE	DATE	DESCRIPTION	BY
Project Engineer: B'ON Project Director: MH			
RM STAGE			
PLANNING COMPLIANCE			
<p>BM <small>Barrett Mannery</small></p> <p>Barrett Mannery Dublin Office: Sandwell House, 55-56 Lower Sandwell Street, Dublin 2, Ireland. Tel: (01) 877 3500 Fax: (01) 877 3164 London Office: 20th Floor, 444 House, 4 Merril Street, London SE1 2BA, United Kingdom. Tel: (02044) 20 3790 3030</p> <p>Consulting Engineers, Civil, Structural, Project Management, E-mail: bm@barrett-mannery.com Web: www.bm.co.uk</p> <p>ACEI <small>Association of Consulting Engineers Ireland</small></p>			
CLIENT: ARDSTONE HOMES LIMITED			
PROJECT TITLE: CARRIGMORE WOODS		BM PROJECT No: 21.226	
REFERENCE	SUITABILITY	+	REVISION
DRAWING TITLE: SuDS DETAILS: TREE PITS			
DRAWING REFERENCE: CWD-BMCE-ZZ-ZZ-DR-C-12320	STATUS: PL1	REVISION	