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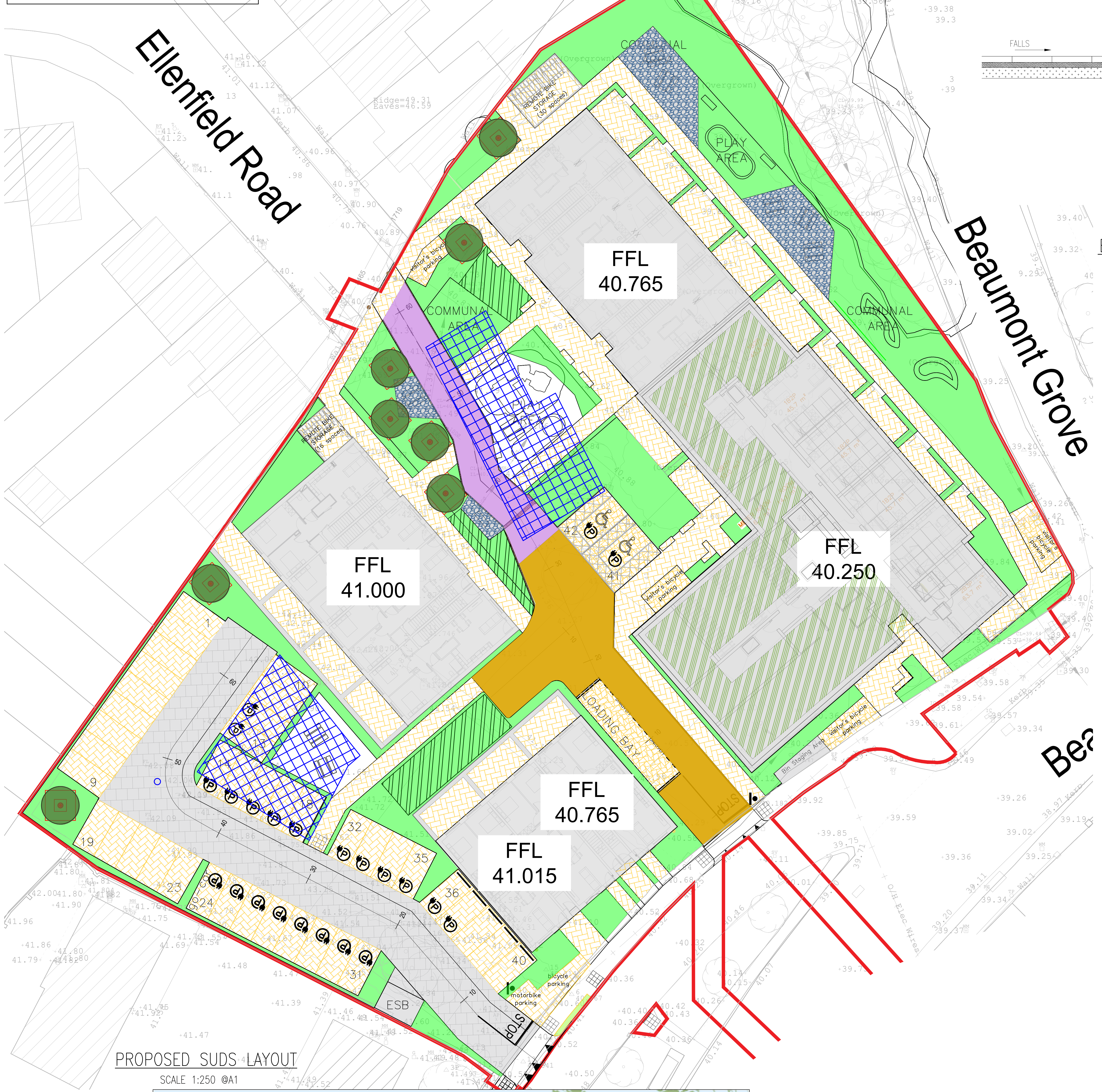
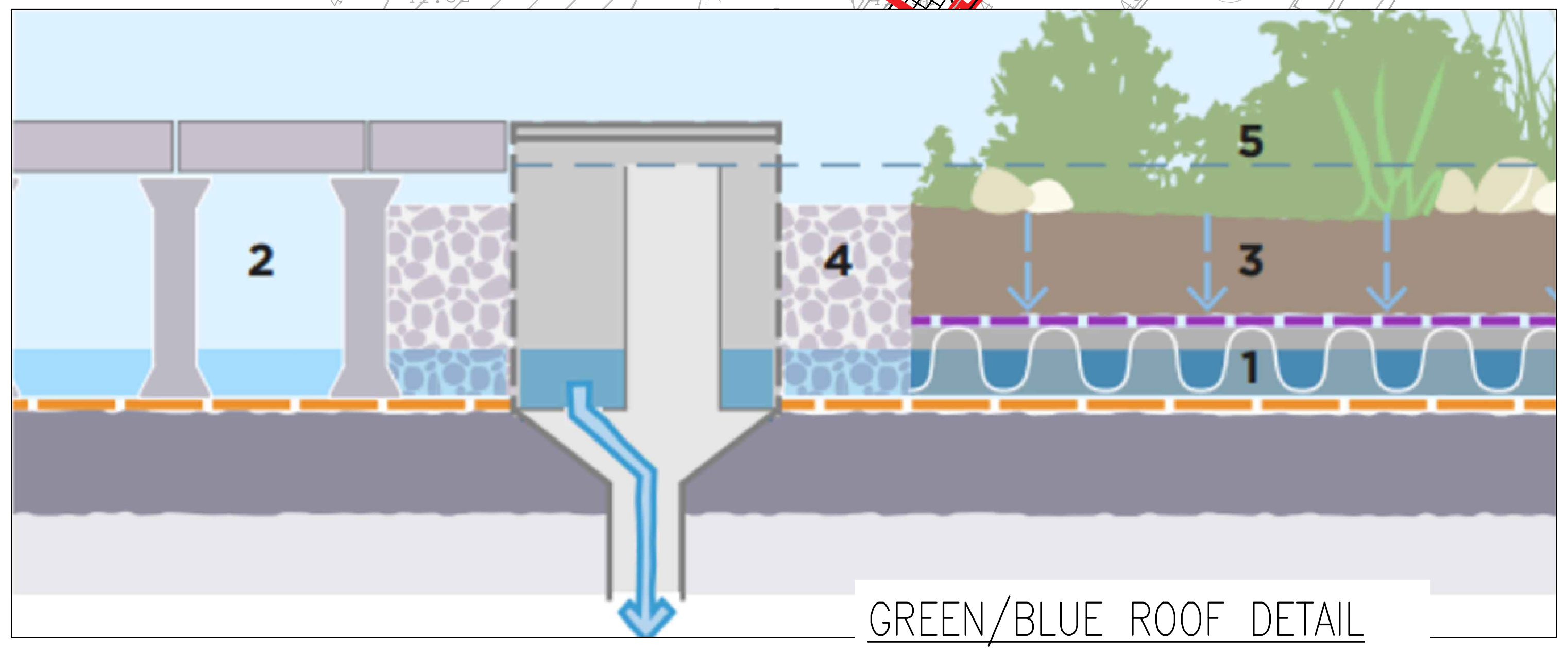


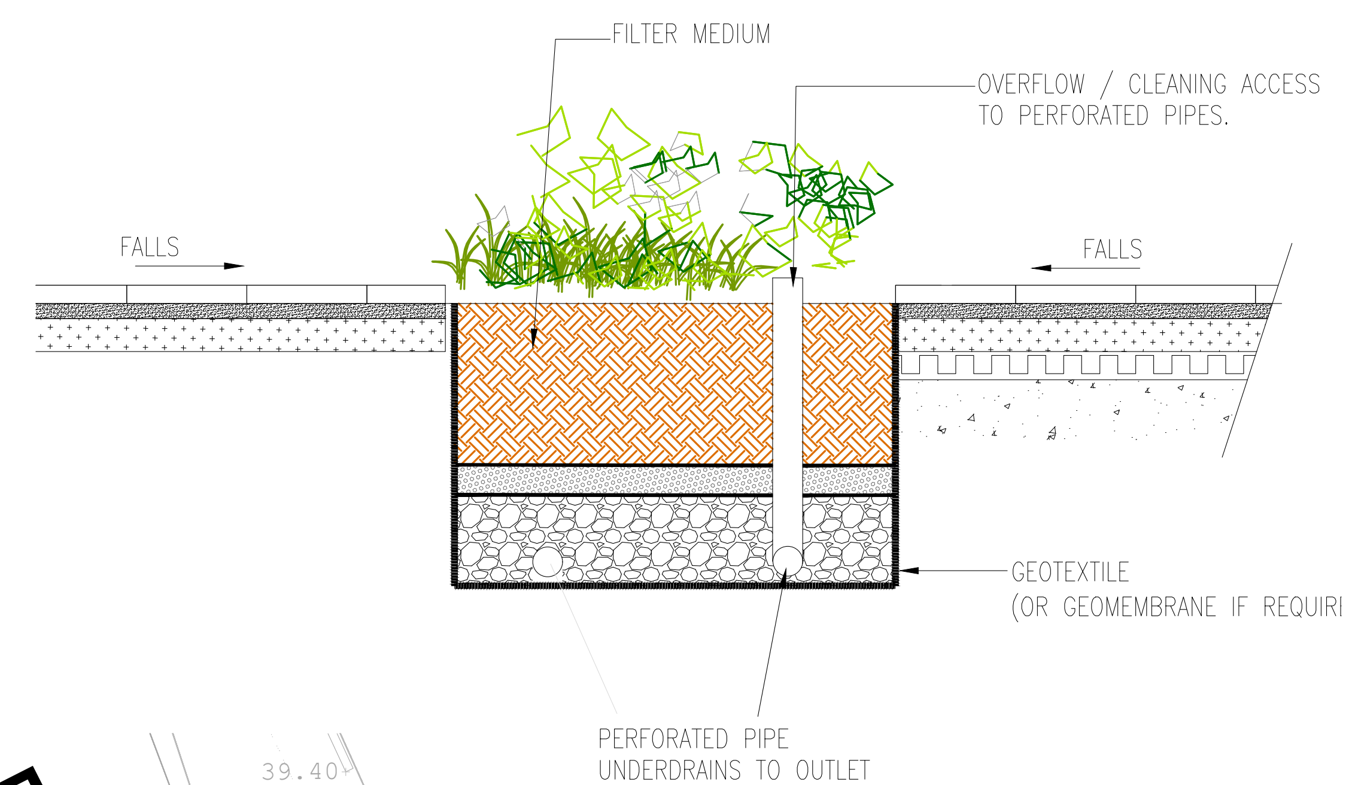
PROPOSED SUDS LAYOUT

SCALE 1:250 @A1



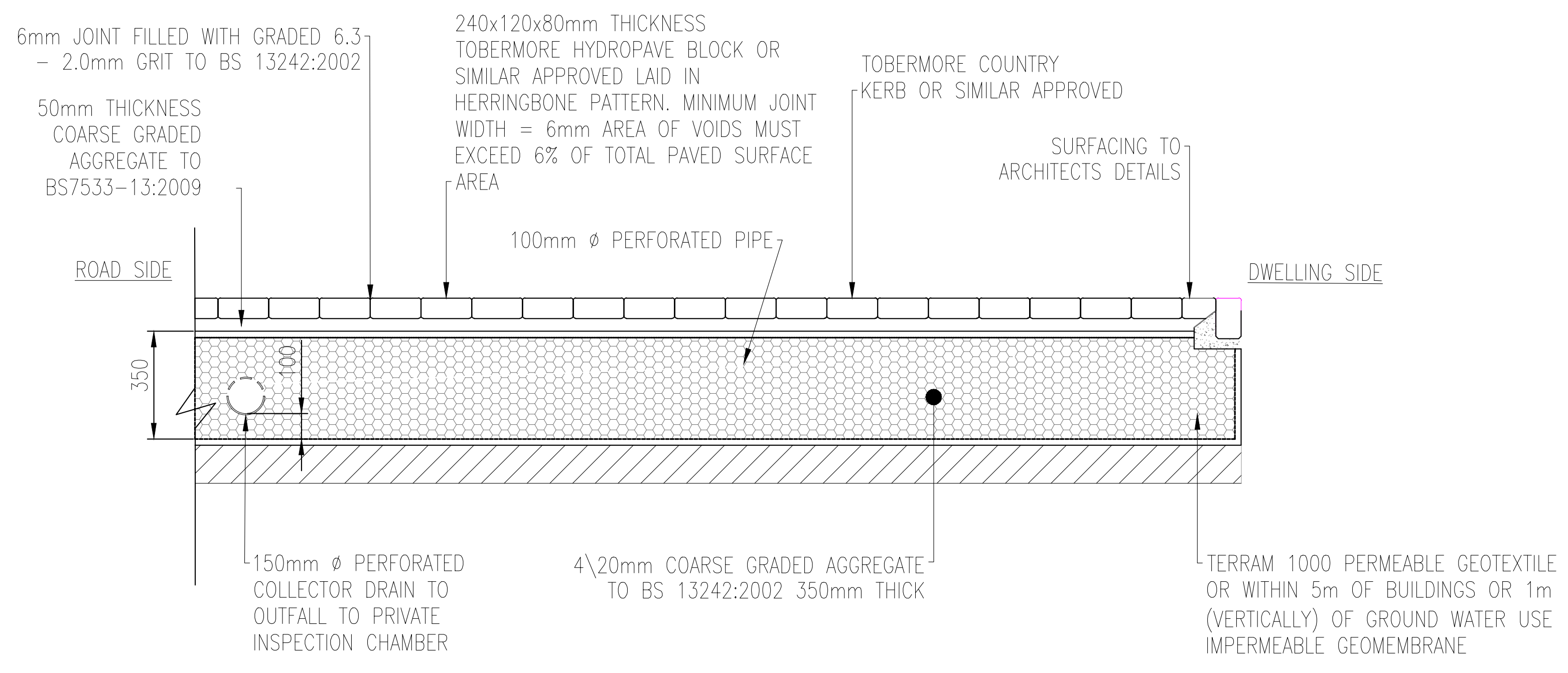
GREEN/BLUE ROOF DETAIL

NTS


FILTER MEDIUM
OVERFLOW / CLEANING ACCESS TO PERFORATED PIPES.
FALLS
FALLS
GEOTEXTILE (OR GEOMEMBRANE IF REQUIRI
PERFORATED PIPE UNDERDRAINS TO OUTLET

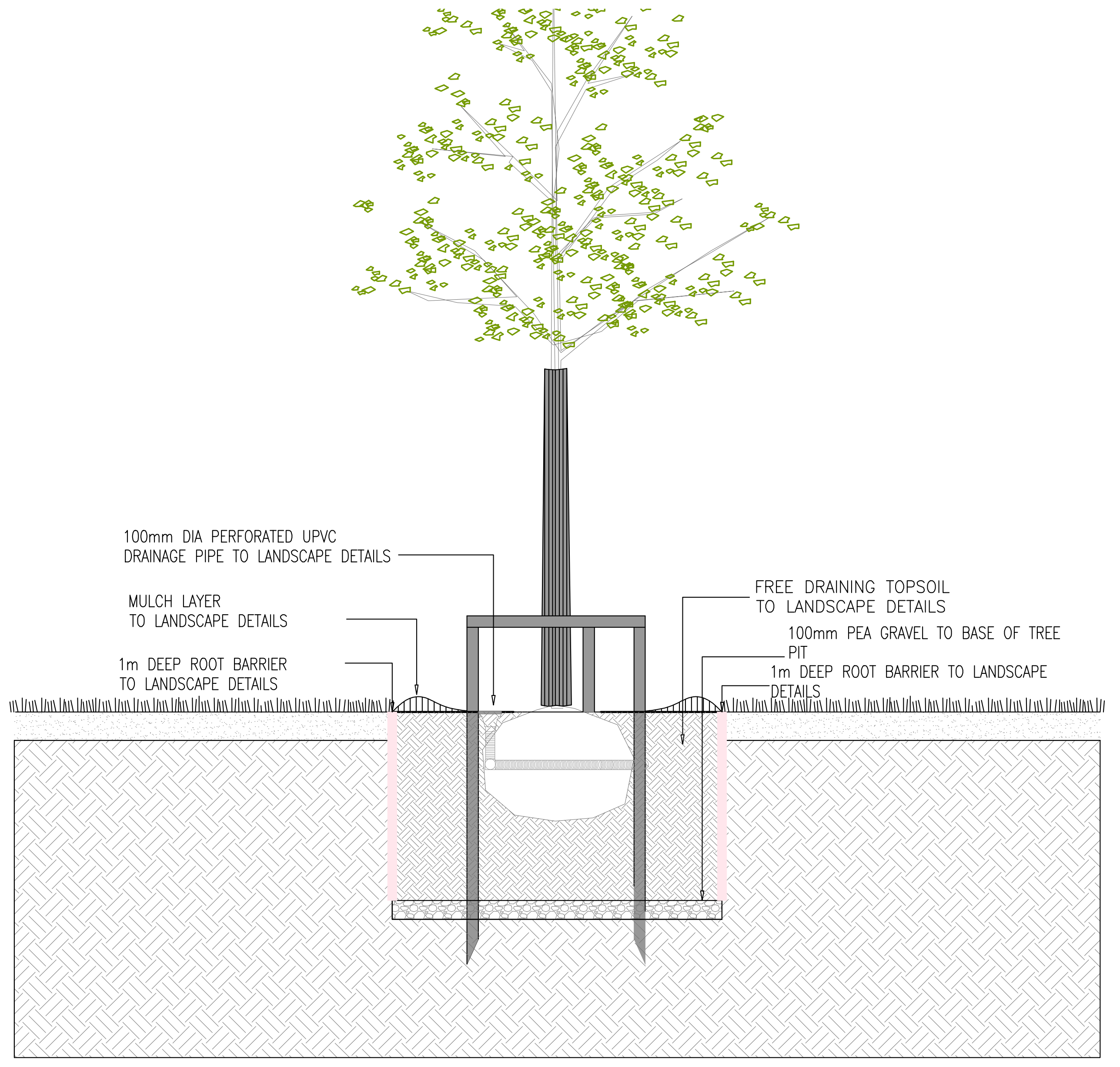
BIO RETENTION SYSTEM

SCALE 1:25


6mm JOINT FILLED WITH GRADED 6.3 – 2.0mm GRIT TO BS 13242:2002
50mm THICKNESS COARSE GRADED AGGREGATE TO BS7533-13:2009
240x120x80mm THICKNESS TOBERMORE HYDROPAVE BLOCK OR SIMILAR APPROVED LAID IN HERRINGBONE PATTERN. MINIMUM JOINT WIDTH = 6mm AREA OF VOIDS MUST EXCEED 6% OF TOTAL PAVED SURFACE AREA
TOBERMORE COUNTRY KERB OR SIMILAR APPROVED
SURFACING TO ARCHITECTS DETAILS
100mm ø PERFORATED PIPE
ROAD SIDE
DWELLING SIDE
350
100
150mm ø PERFORATED COLLECTOR DRAIN TO OUTFALL TO PRIVATE INSPECTION CHAMBER
4\20mm COARSE GRADED AGGREGATE TO BS 13242:2002 350mm THICK
TERRAM 1000 PERMEABLE GEOTEXTILE OR WITHIN 5m OF BUILDINGS OR 1m (VERTICALLY) OF GROUND WATER USE IMPERMEABLE GEOMEMBRANE

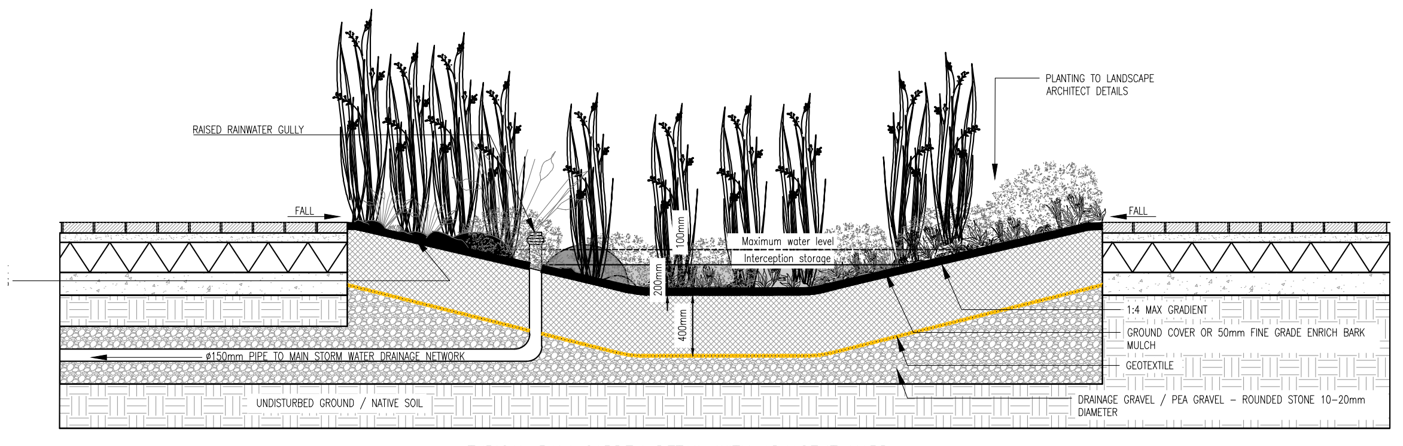
SECTION THROUGH PERMEABLE PAVING

SCALE 1:25


100mm DIA PERFORATED UPVC DRAINAGE PIPE TO LANDSCAPE DETAILS
MULCH LAYER TO LANDSCAPE DETAILS
1m DEEP ROOT BARRIER TO LANDSCAPE DETAILS
FREE DRAINING TOPSOIL TO LANDSCAPE DETAILS
100mm PEA GRAVEL TO BASE OF TREE PIT
1m DEEP ROOT BARRIER TO LANDSCAPE DETAILS

TYPICAL SECTION THROUGH TREE PIT

SCALE 1:50


RAISED RAINWATER GULLY
PLANTING TO LANDSCAPE ARCHITECT DETAILS
FALL
FALL
100mm
200mm
400mm
Maximum water level
Interception storage
1:4 MAX GRADIENT
GROUND COVER OR 50mm FINE GRADE ENRICH BARK MULCH
GEOTEXTILE
ø150mm PIPE TO MAIN STORM WATER DRAINAGE NETWORK
UNDISTURBED GROUND / NATIVE SOIL
DRAINAGE GRAVEL / PEA GRAVEL – ROUNDED STONE 10–20mm DIAMETER

TYPICAL RAIN GARDEN DETAIL WITH ADJACENT HARD SURFACING

SCALE 1:20

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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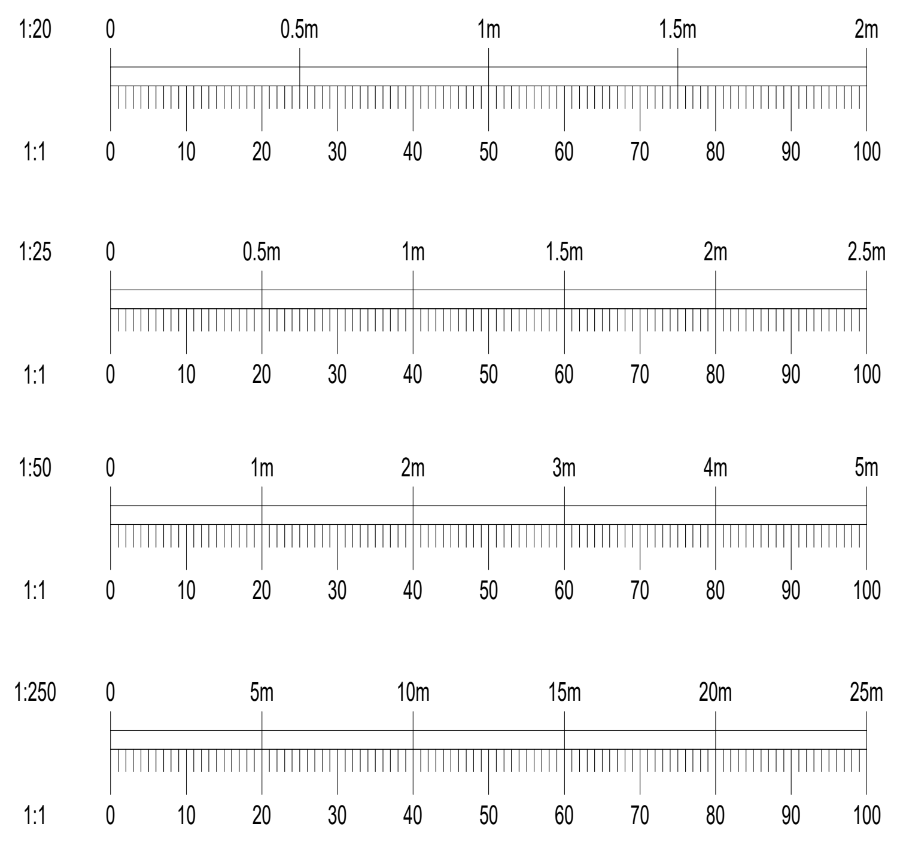
NOTES:

1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

LEGEND

▨	INDICATES PROPOSED GREEN/BLUE ROOF
🟩	INDICATES PROPOSED LANDSCAPING
▥	INDICATES PROPOSED RAIN GARDEN/BIO RETENTION SYSTEM
⬜	INDICATES ASPHALT ROAD
▦	INDICATES PROPOSED PERMEABLE PAVING
🟧	INDICATES PROPOSED PERMEABLE BLOCK PAVING (VEHICLE CROSSING)
🟦	INDICATES PROPOSED GRAVEL/BOUND SURFACE
🟪	INDICATES PROPOSED NATURAL STONE PAVING
●	3mX3m INDICATES PROPOSED TREE PIT
▦	INDICATES PROPOSED ATTENUATION TANK



Rev	Date	Description	By	Chk

Amendments

Project
PROPOSED RESIDENTIAL DEVELOPMENT
ELLENFIELD PLACE, BEAUMONT ROAD,
DUBLIN 9

Title
PROPOSED SUDS LAYOUT

Client
URBAN LIFE

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DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900
Email: info@waterman-moylan.ie www.waterman-moylan.ie

Status
FOR PLANNING ONLY

Designed By	Approved	Waterman Ref
BL	BG	20-048
Drawn By	Date	Scales @ A1
VU	SEPT.2026	AS SHOWN @A1

Project - Originator - Volume - Level - Type - Role - Number	Revision
PRD - WMC - ZZ - XX - DR - C - P2040	

Drawing Location: M:\Projects\20\20-048 - Beaumont Dublin\Drawings\Waterman Moylan\Civil\Planning 2026\20-048-P2040-Proposed SUDS Layout.dwg