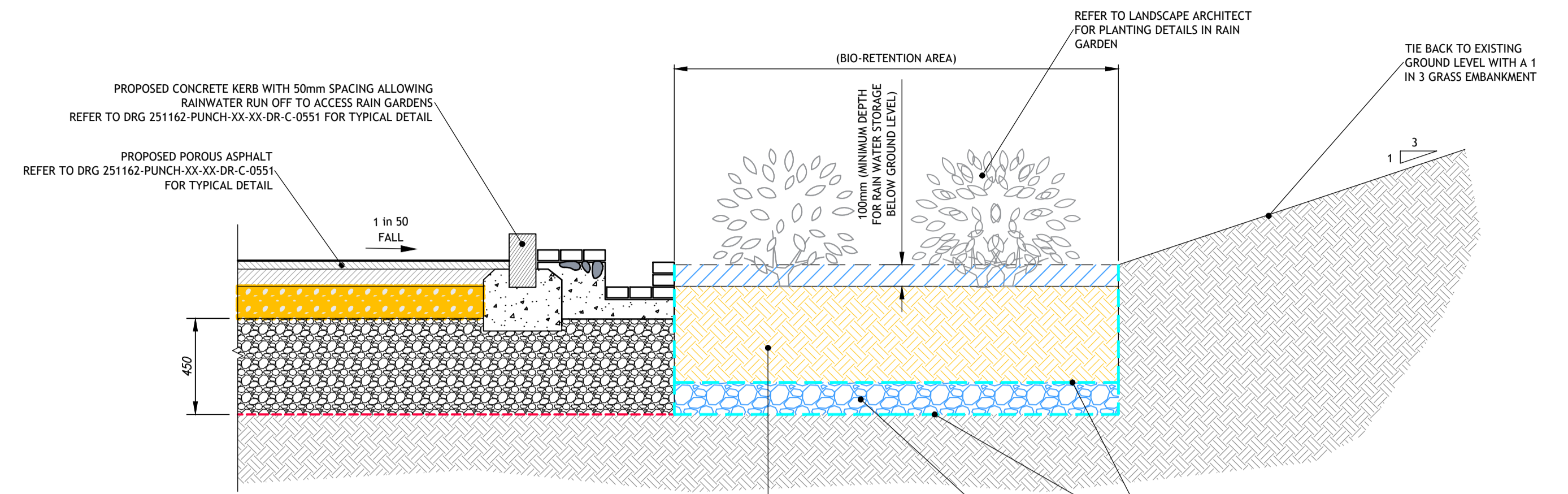
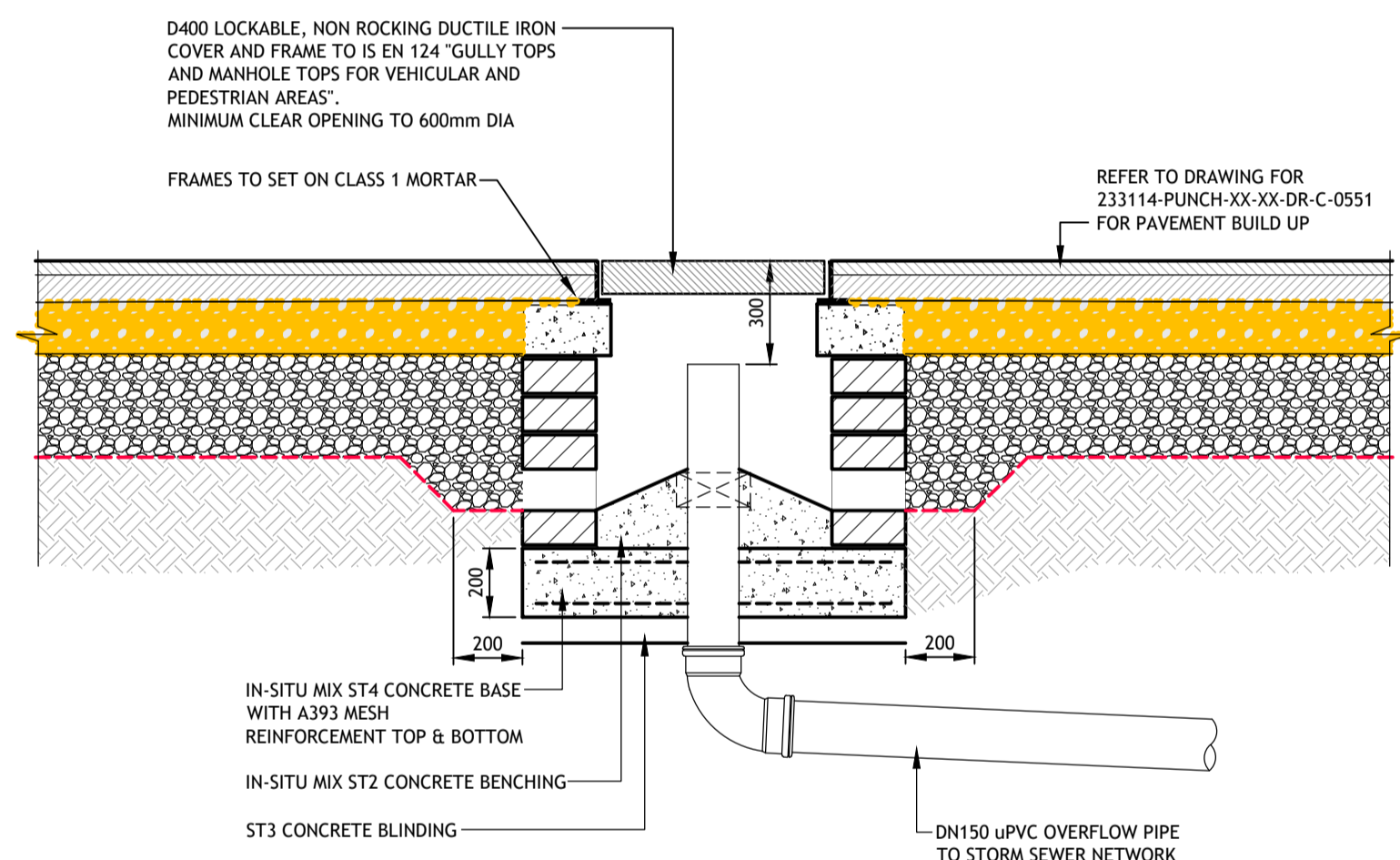


1- EXTENSIVE GREEN ROOF TYPICAL SECTION
SCALE 1:10

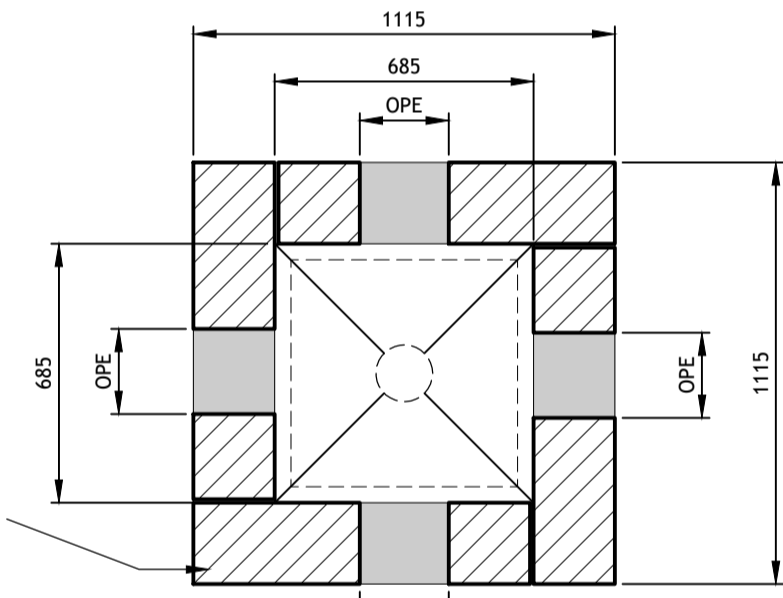


- 450mm DEEP FILTER MEDIUM SHALL COMPLY WITH THE RECOMMENDATIONS OF CIRIA REPORT C753.
- THE BASIC REQUIREMENTS OF THE MATERIAL SHALL BE: SATURATED HYDRAULIC CONDUCTIVITY TO BE BETWEEN 100mm/h - 300mm/h - TESTED IN-SITU USING THE SINGLE RING INFILTRATION TEST - EN ISO 22282-5:2012
POROSITY > 30% (WHEN TESTED IN ACCORDANCE WITH BS 1377-2:1990)
PARTICLE SIZE DISTRIBUTION
6mm 100% PASSING
2mm 90-100% PASSING
0.6mm 40-70% PASSING
0.2mm 5-20% PASSING
0.063mm <5% PASSING
- ORGANIC MATTER CONTENT - 3-5% (w/w)
- SOILS SHALL BE ASSESSED BY HORTICULTURIST TO ENSURE THAT IT WILL SUPPORT HEALTHY VEGETATION COMMUNITY.
- ANY COMPONENT FOUND TO CONTAIN HIGH LEVELS OF SALT, CLAY OR SILT PARTICLES OR OTHER EXTREMES WHICH MAY BE CONSIDERED RETARDANT TO PLANT GROWTH SHALL BE REJECTED.

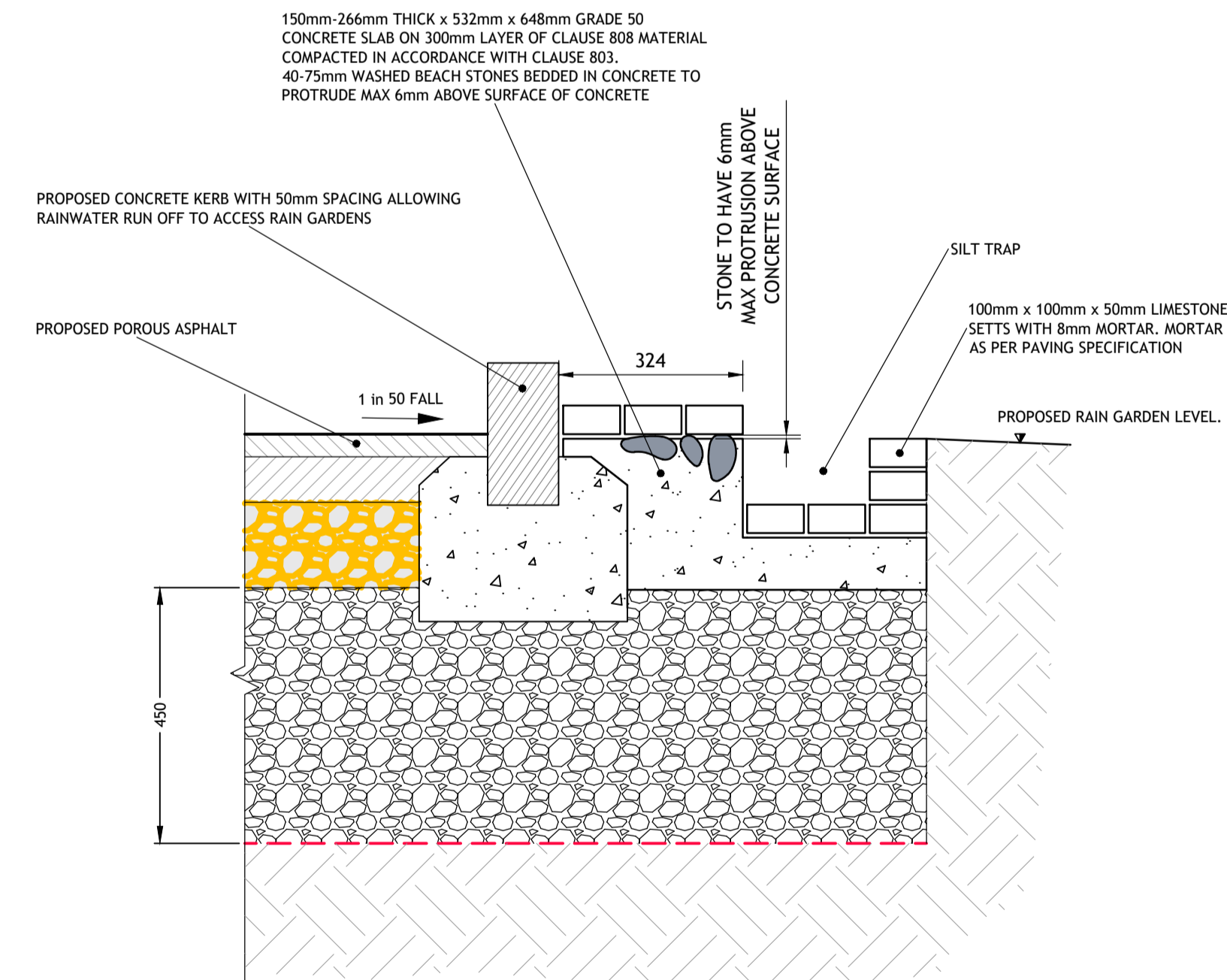
BIO-RETENTION SYSTEM - TYPICAL SECTION
NOT TO SCALE



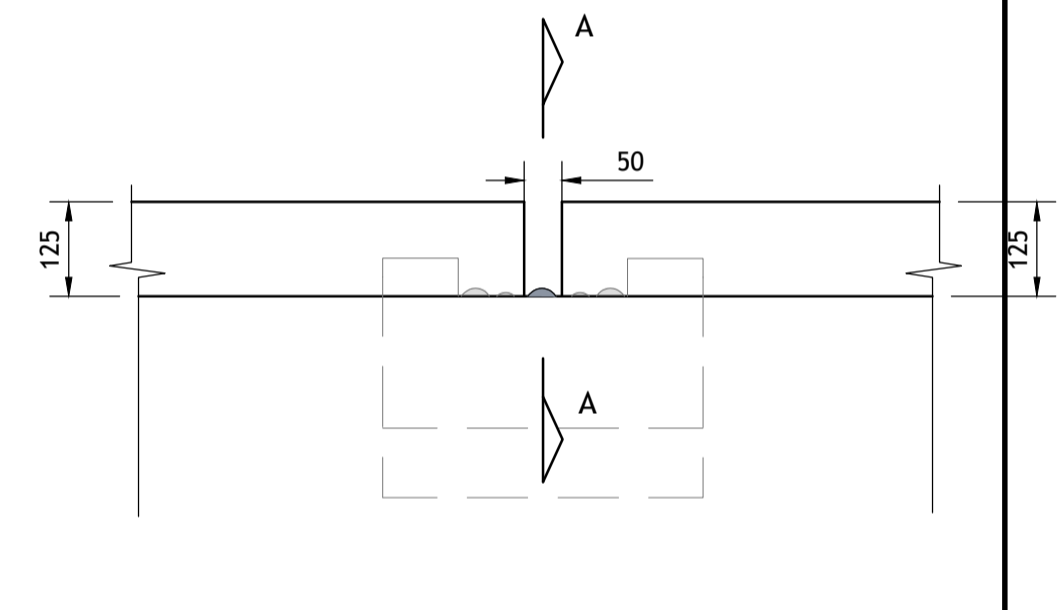
OVERFLOW CHAMBER - SECTION
SCALE 1:20



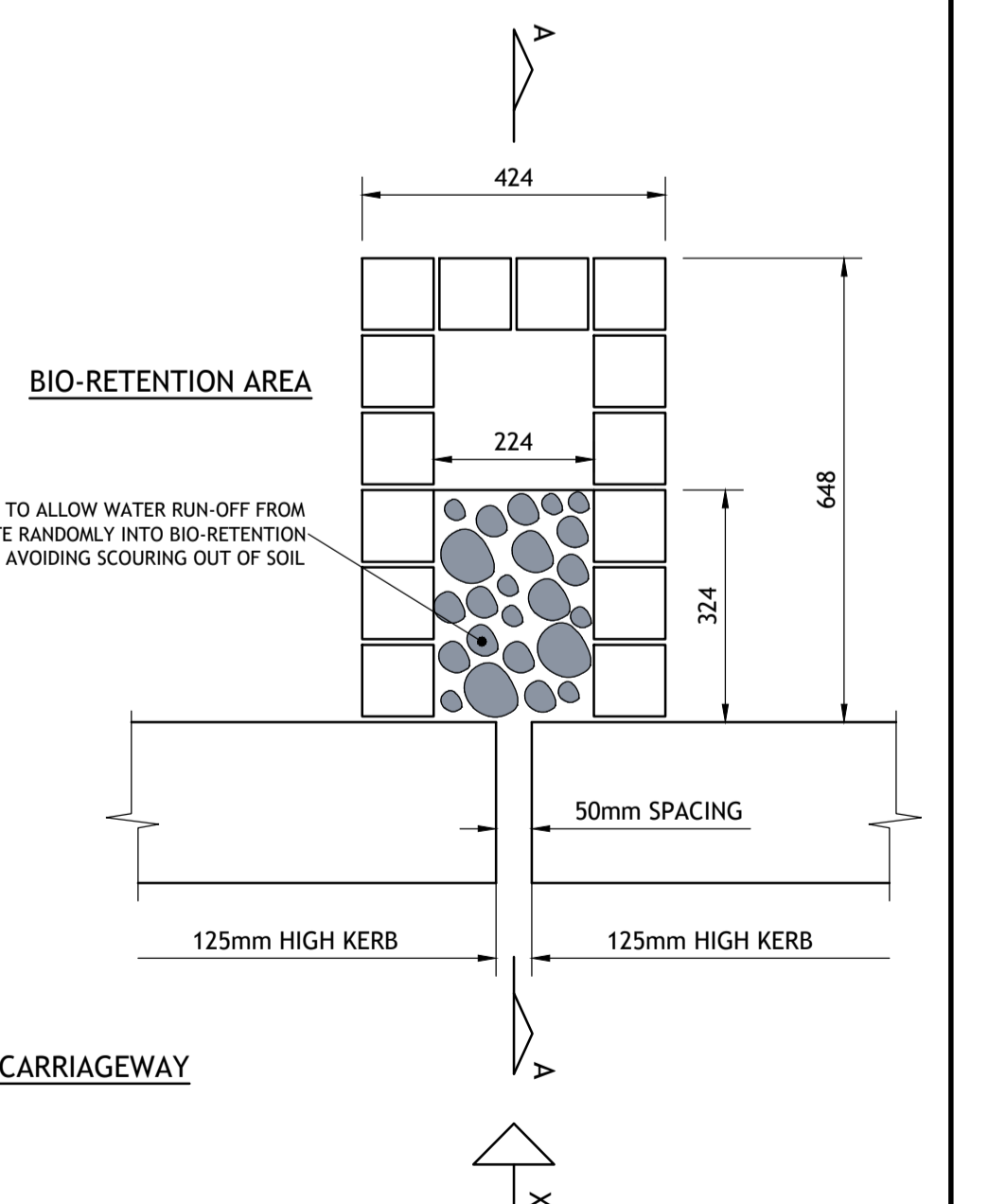
OVERFLOW CHAMBER - PLAN
SCALE 1:20



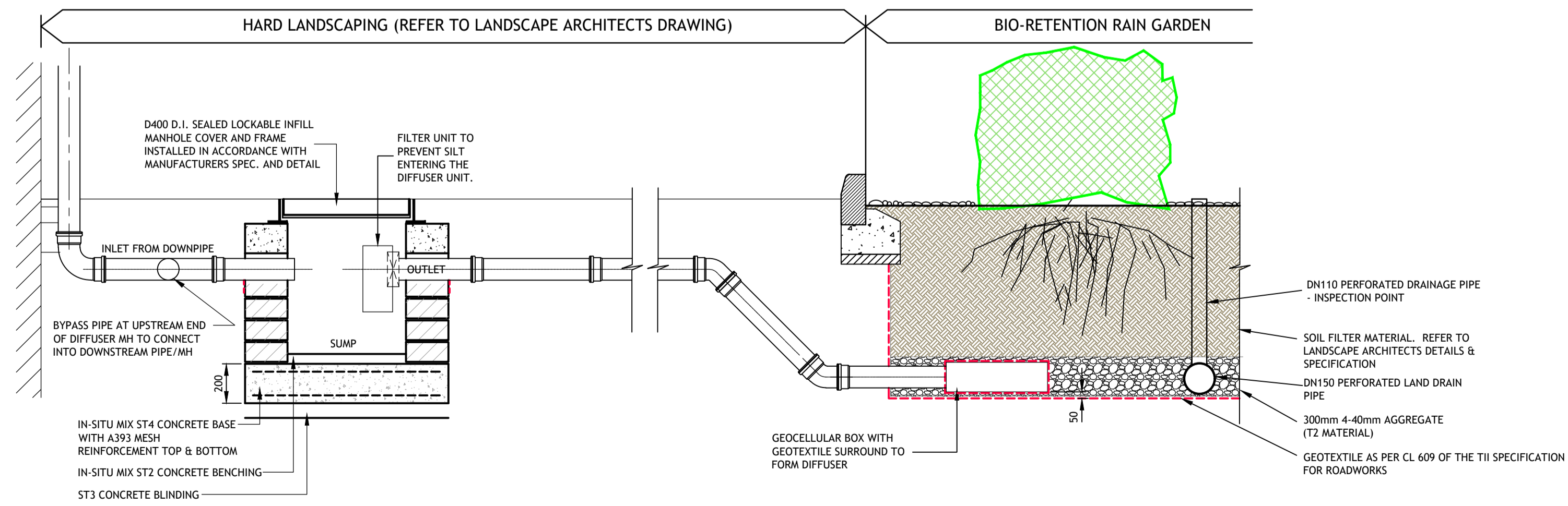
SECTION A-A
NOT TO SCALE



VIEW OF KERBS ON ARROW "X"
NOT TO SCALE



BIO-RETENTION INLET DETAIL
NOT TO SCALE



FLOW DIFFUSER TO DISTRIBUTE ROOF RUN OFF
SCALE 1:20

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Rev	Amendment	By	Date	Rev	Amendment	By	Date	Client
C01	ISSUED FOR PLANNING	SK	2026-05-15					

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Project:	PARKWAY VALLEY LRD		
Title:	DRAINAGE DETAILS SHEET 6		
Drawn:	PJ Mulcahy	Checked:	Tracy O'Connell
Date drawn:	2025-10-07	Engineer:	Julie Tiernan
Project No:	231171	Model Ref:	231171-PUNCH-XX-XX-M2-C-0506
Scale:	As Shown	Drawing Status:	AO (Planning)
As Shown:	231171-PUNCH-XX-XX-DR-C-0506	Revision No:	C01