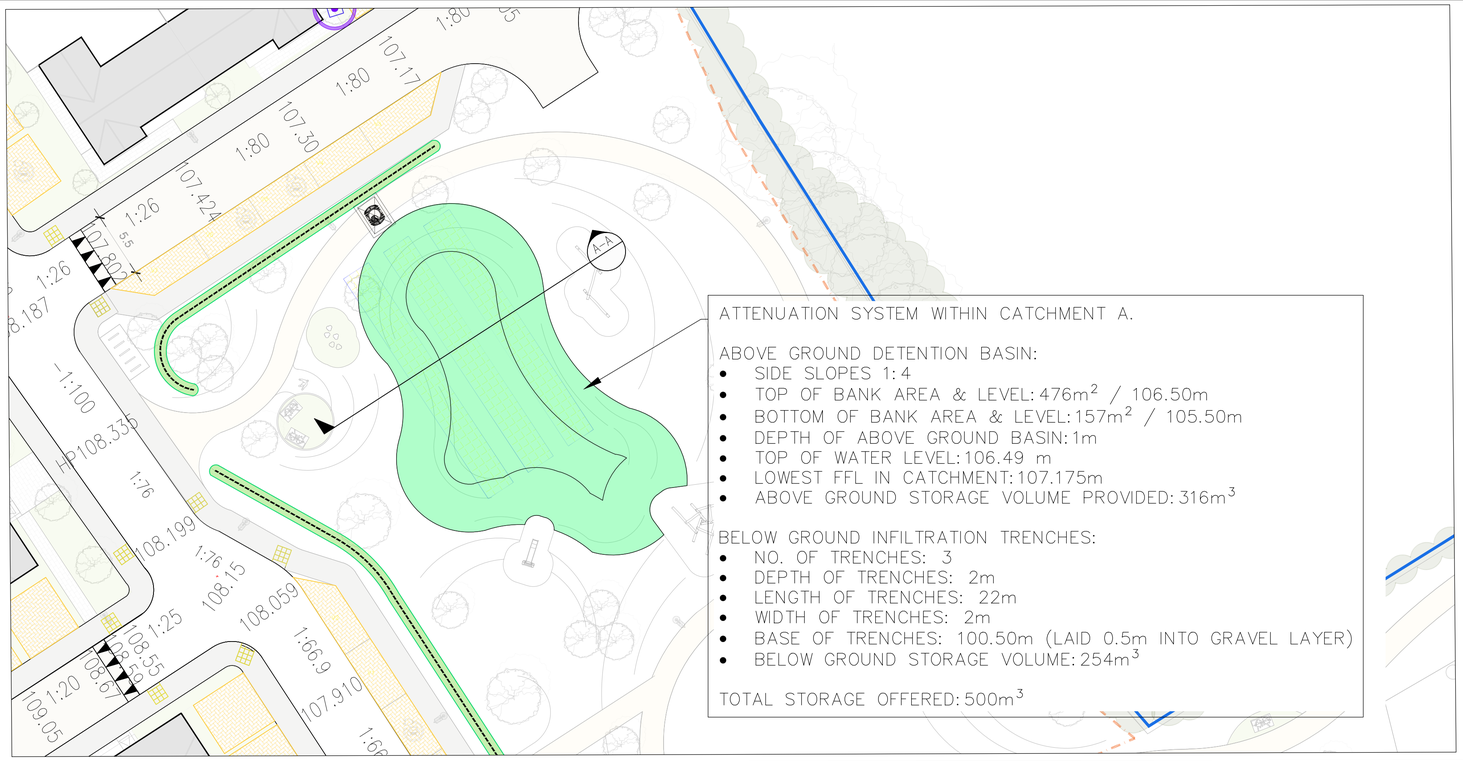
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ATTENUATION SYSTEM WITHIN CATCHMENT A.

ABOVE GROUND DETENTION BASIN:
- SIDE SLOPES 1:4
- TOP OF BANK AREA & LEVEL: 476m^2 / 106.50m
- BOTTOM OF BANK AREA & LEVEL: 157m^2 / 105.50m
- DEPTH OF ABOVE GROUND BASIN: 1m
- TOP OF WATER LEVEL: 106.49 m
- LOWEST FFL IN CATCHMENT: 107.175m
- ABOVE GROUND STORAGE VOLUME PROVIDED: 316m^3

BELOW GROUND INFILTRATION TRENCHES:
- NO. OF TRENCHES: 3
- DEPTH OF TRENCHES: 2m
- LENGTH OF TRENCHES: 22m
- WIDTH OF TRENCHES: 2m
- BASE OF TRENCHES: 100.50m (LAID 0.5m INTO GRAVEL LAYER)
- BELOW GROUND STORAGE VOLUME: 254m^3

TOTAL STORAGE OFFERED: 500m^3

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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Waterman Moylan Consulting Engineers Limited
Block S East Point Business Park Dublin D03 H3F4 Ireland t +353 1 664 8900

NOTES:

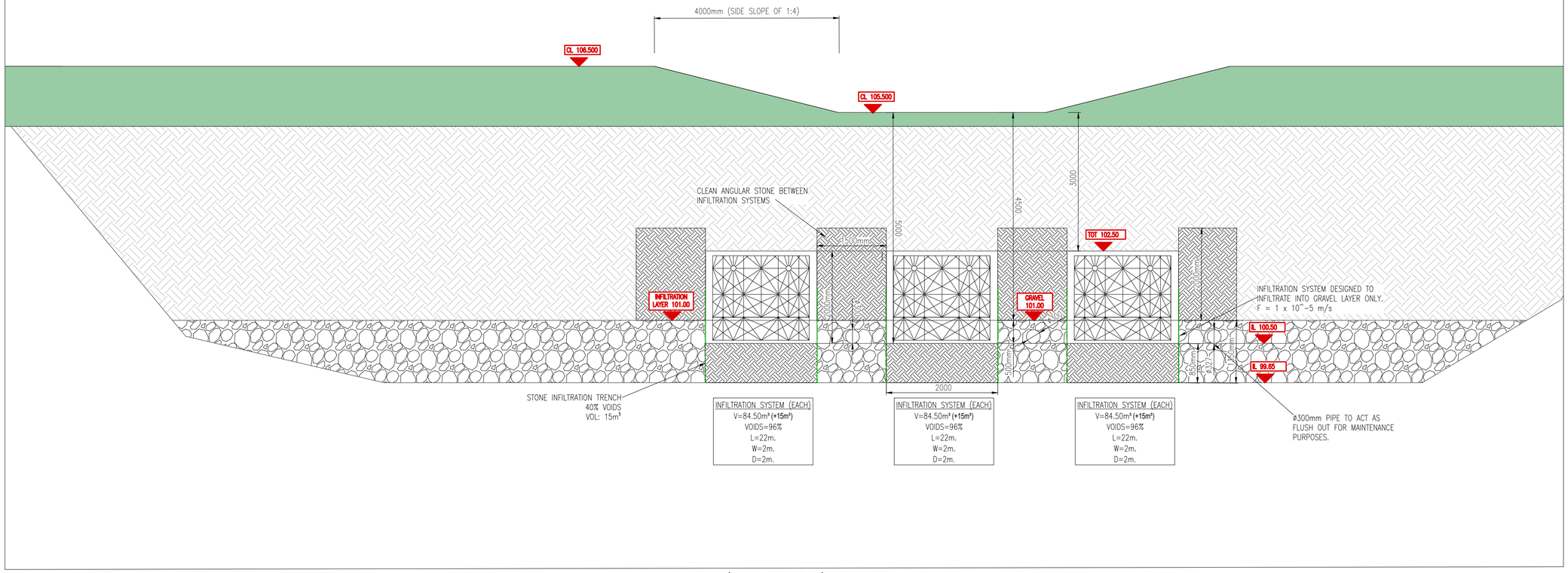
1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

1:50 0 1.0 2.0 3.0 4.0 5.0m
1:1 0 10 20 30 40 50 60 70 80 90 100

1:250 0 5.0 10.0 15.0 20.0 25.0m
1:1 0 10 20 30 40 50 60 70 80 90 100

PROPOSED ATTENUATION SYSTEM DETAILS – KEY PLAN

SCALE 1:250



SOUTH CATCHMENT (CATCHMENT A) PROPOSED ATTENUATION SYSTEM DETAILS – SECTION A–A

SCALE 1:50

Rev	Date	Description	By	Chk
P01	02/03/2026	ISSUED FOR STAGE 2A PLANNING	IG	IW

Amendments

Project
SOUTHGREEN PHASE 2, KILDARE TOWN, Co. KILDARE

Title
SOUTH CATCHMENT ATTENUATION INFILTRATION DETAILS

Client
POUSTERLE LIMITED

BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD,
DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900
Email: info@waterman-moylan.ie www.waterman-moylan.ie

Status: PLANNING

Designed By: PI	Approved: IW	Waterman Ref: 25-003	
Drawn By: IG	Date: MAR. 2026	Scales @ A1: AS SHOWN	

Project - Originator - Volume - Level - Type - Role - Number: SOU - WMC - PH2 - XX - DR - C - P0245
Revision: P01

Drawing Location: N:\Projects\2525-003 South Green Phase 2 Site O'Dea\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\SOU-WMC-PH2-XX-DR-C-P0245 - South Catchment Attenuation Infiltration Details.dwg
Date & Time Plotted: 02/03/2026 14:45:08