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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.

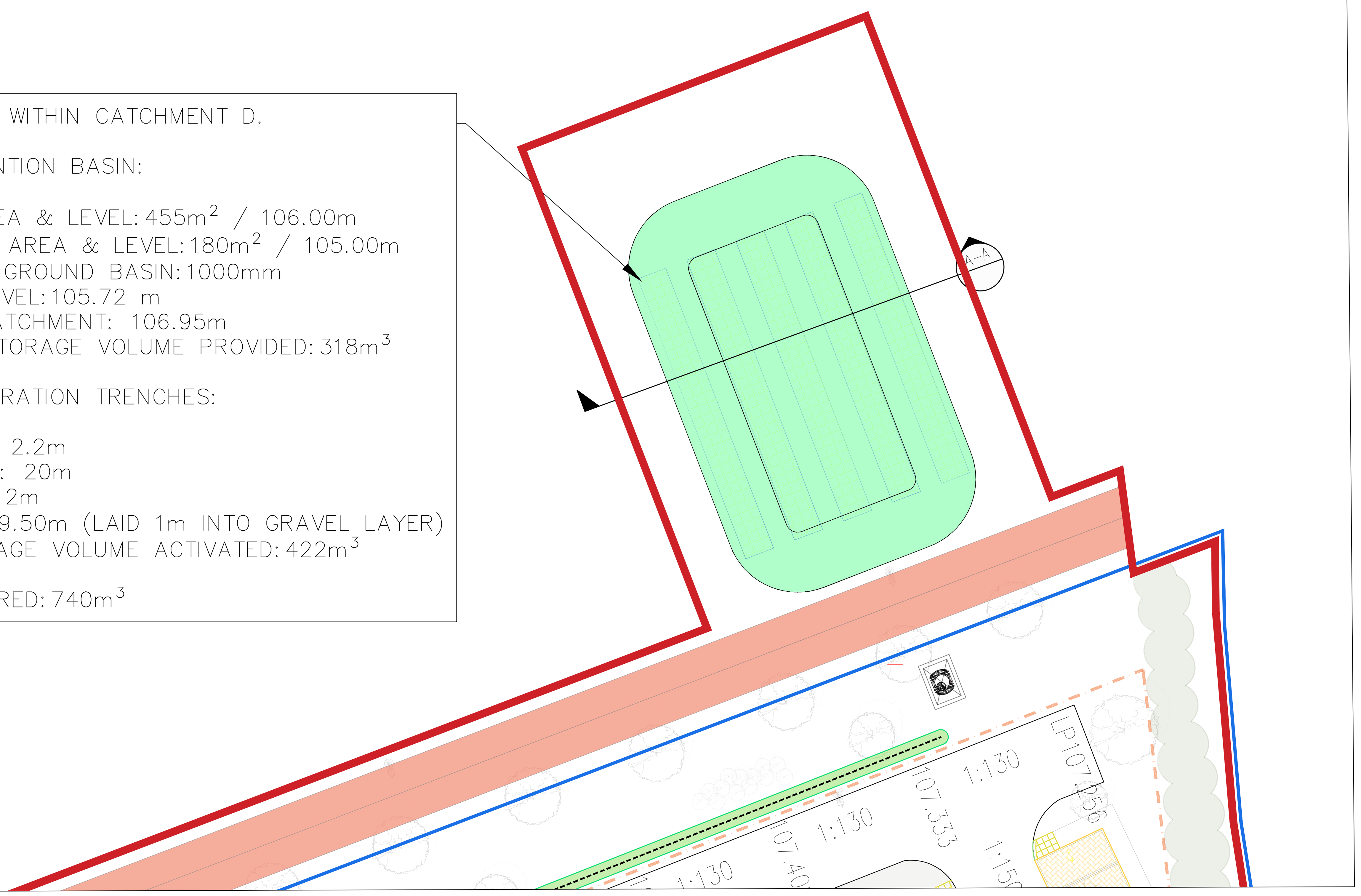
ATTENUATION SYSTEM WITHIN CATCHMENT D.

ABOVE GROUND DETENTION BASIN:

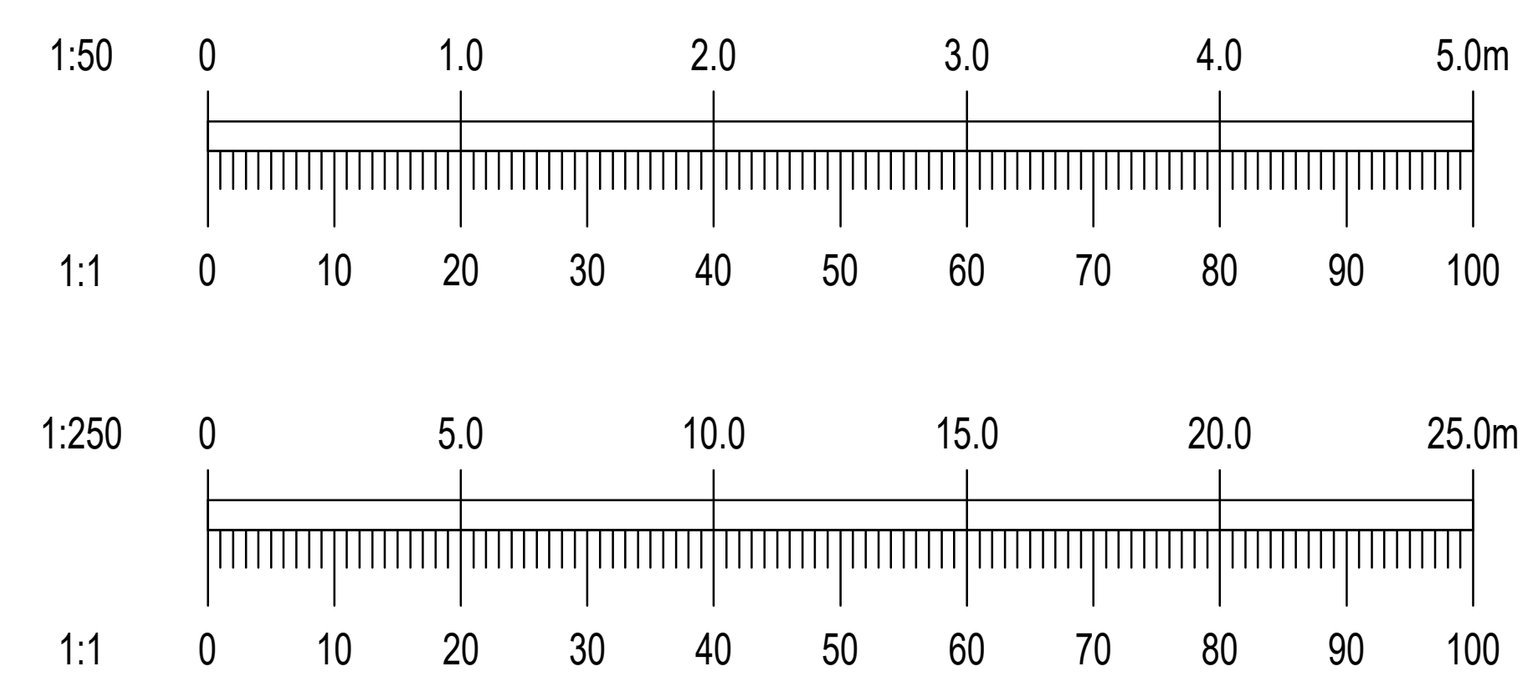
- SIDE SLOPES 1:4
- TOP OF BANK AREA & LEVEL: 455m^2 / 106.00m
- BOTTOM OF BANK AREA & LEVEL: 180m^2 / 105.00m
- DEPTH OF ABOVE GROUND BASIN: 1000mm
- TOP OF WATER LEVEL: 105.72 m
- LOWEST FFL IN CATCHMENT: 106.95m
- ABOVE GROUND STORAGE VOLUME PROVIDED: 318m^3

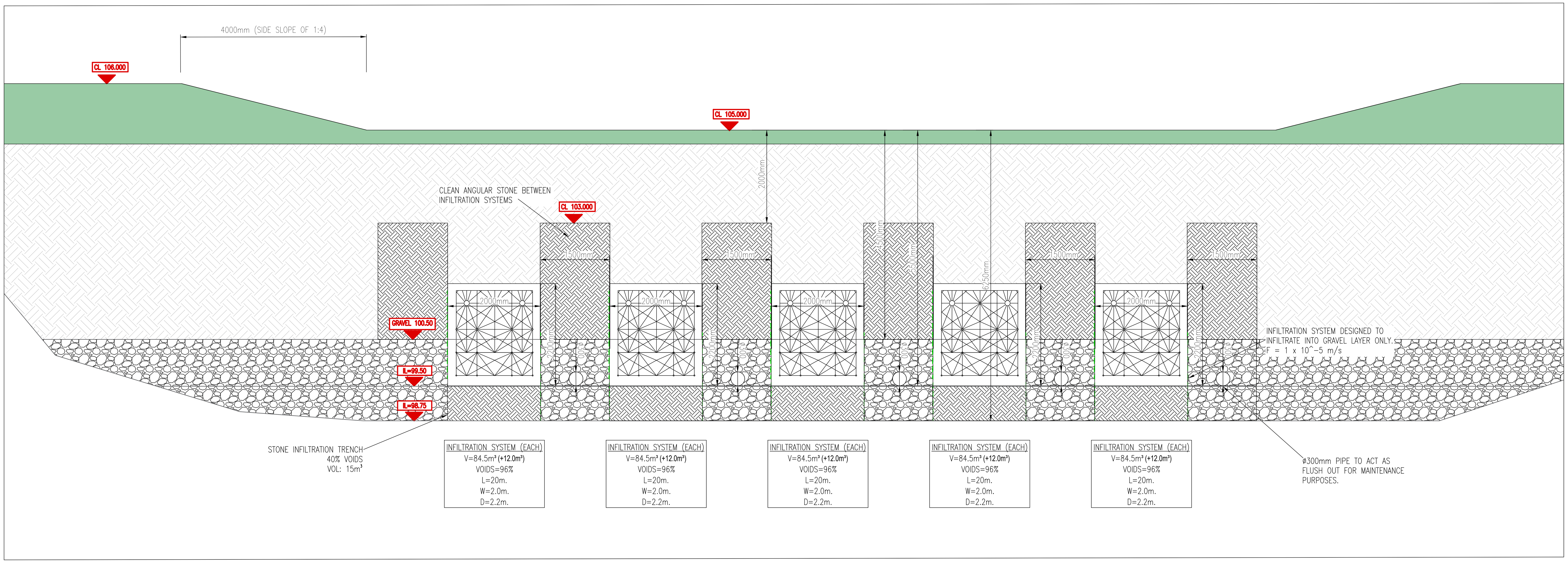
BELOW GROUND INFILTRATION TRENCHES:
NO. OF TRENCHES: 5
DEPTH OF TRENCHES: 2.2m
LENGTH OF TRENCHES: 20m
WIDTH OF TRENCHES: 2m
BASE OF TRENCHES: 99.50m (LAID 1m INTO GRAVEL LAYER)
BELOW GROUND STORAGE VOLUME ACTIVATED: 422m^3

TOTAL STORAGE OFFERED: 740m^3



PROPOSED ATTENUATION SYSTEM DETAILS – KEY PLAN
SCALE 1:250





NORTH CATCHMENT (CATCHMENT C) 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
NORTH CATCHMENT ATTENUATION INFILTRATION DETAILS

Client
POUSTERLE LIMITED

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Status
PLANNING

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

Project - Originator - Volume - Level - Type - Role - Number	Revision
SOU - WMC - PH2 - XX - DR - C - P0247	P01

Drawing Location: N:\Projects\25\25-003 South Green Phase 2 Site O\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\SOU-WMC-PH2-XX-DR-C-P0247 - North Catchment Attenuation Infiltration Details.dwg