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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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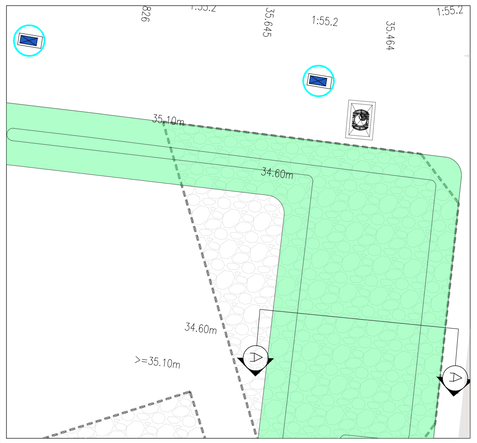
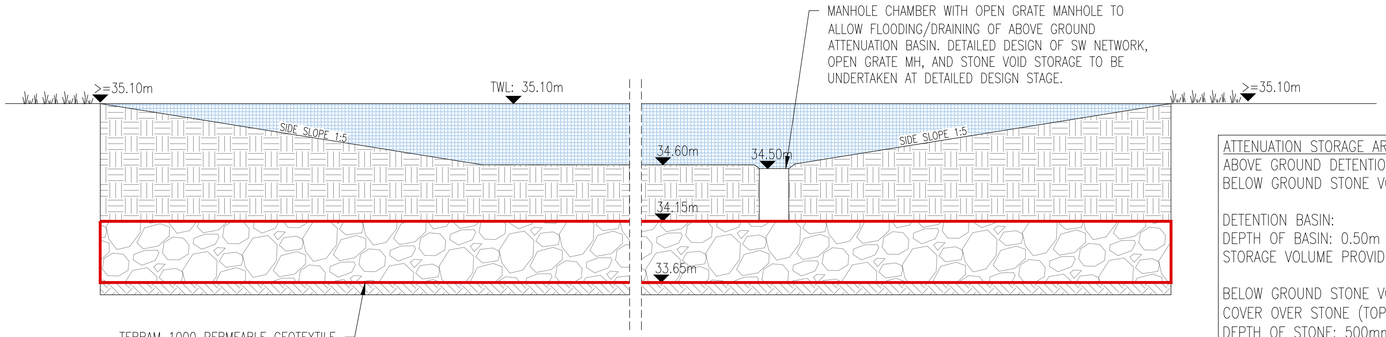


PLAN VIEW: ATTENUATION AREA 1
SCALE: 1:250



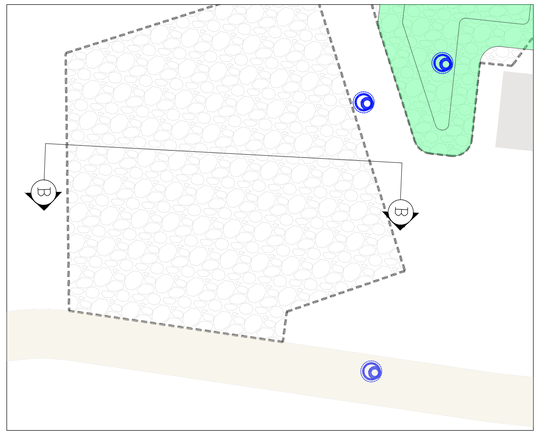
ATTENUATION AREA 1
SCALE: NTS

ATTENUATION STORAGE AREA 1
ABOVE GROUND DETENTION BASIN &
BELOW GROUND STONE VOID STORAGE AREA

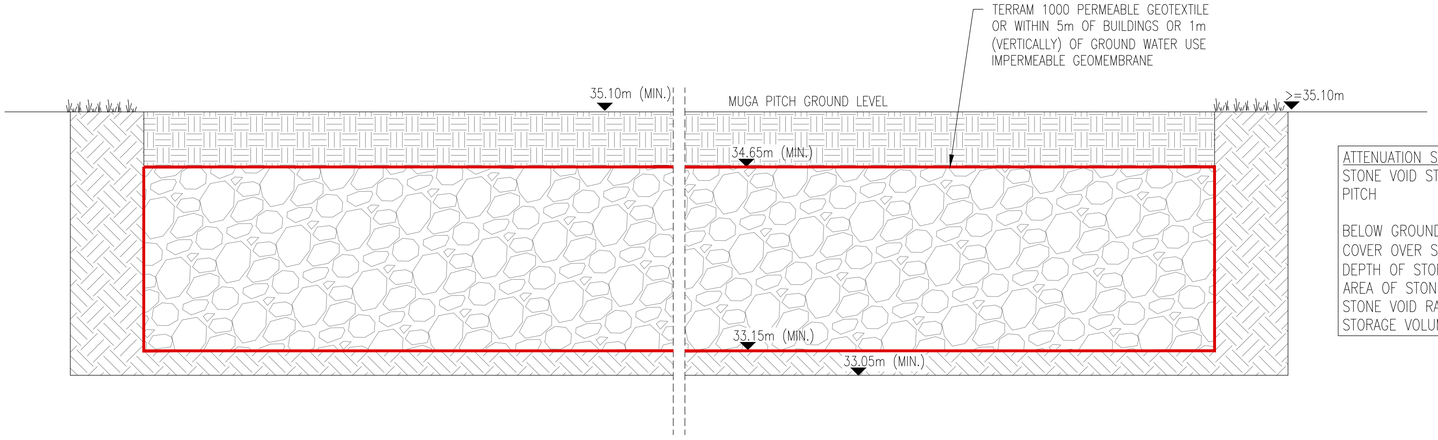
DETENTION BASIN:
DEPTH OF BASIN: 0.50m
STORAGE VOLUME PROVIDED: $200m^3$

BELOW GROUND STONE VOID STORAGE:
COVER OVER STONE (TOPSOIL): 450mm
DEPTH OF STONE: 500mm
AREA OF STONE: $560m^2$
STONE VOID RATIO: 30%
STORAGE VOLUME OFFERED: $84m^3$

TOTAL STORAGE: $284m^3$



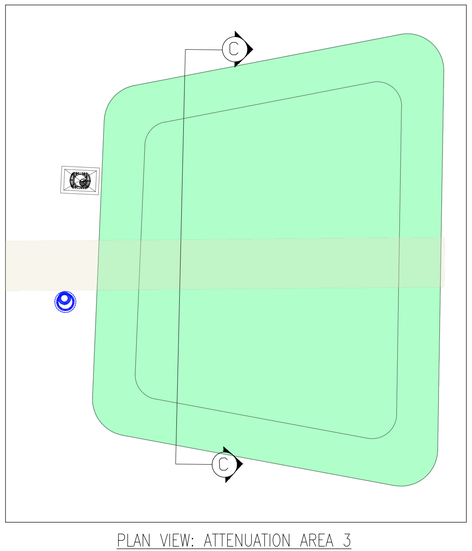
PLAN VIEW: ATTENUATION AREA 2
SCALE: 1:250



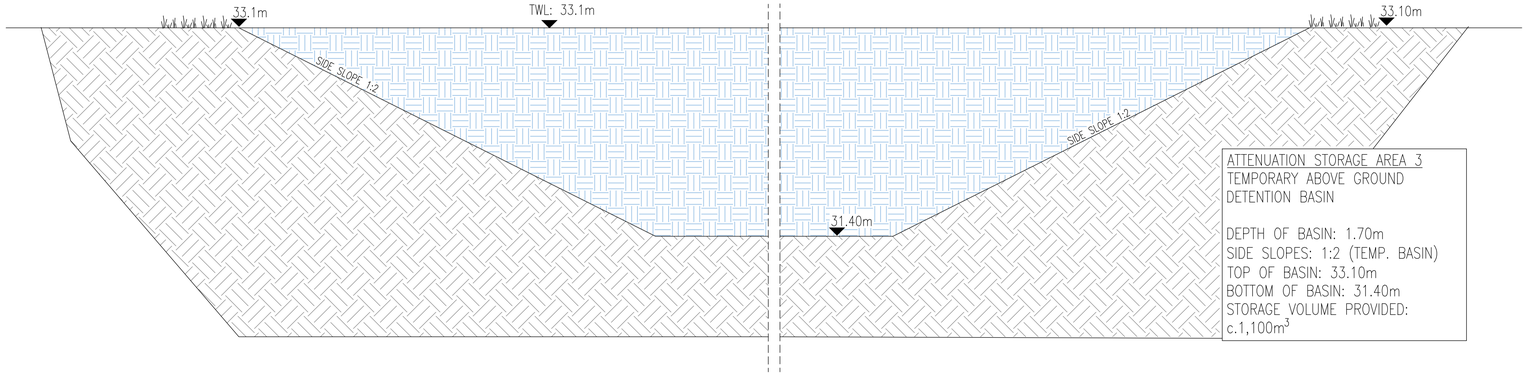
ATTENUATION AREA 2
SCALE: NTS

ATTENUATION STORAGE AREA 2
STONE VOID STORAGE BELOW MUGA PITCH

BELOW GROUND STONE VOID STORAGE:
COVER OVER STONE (TOPSOIL): 450mm
DEPTH OF STONE: 1500mm
AREA OF STONE: $600m^2$
STONE VOID RATIO: 40%
STORAGE VOLUME OFFERED: $360m^3$



PLAN VIEW: ATTENUATION AREA 3
SCALE: 1:250



ATTENUATION AREA 3
SCALE: NTS

ATTENUATION STORAGE AREA 3
TEMPORARY ABOVE GROUND DETENTION BASIN

DEPTH OF BASIN: 1.70m
SIDE SLOPES: 1:2 (TEMP. BASIN)
TOP OF BASIN: 33.10m
BOTTOM OF BASIN: 31.40m
STORAGE VOLUME PROVIDED: c.$1,100m^3$

Rev	Date	Description	By	Chk
P01	28/08/26	ISSUED FOR PLANNING APPLICATION	IG	IW

Amendments

Project
PROPOSED LRD PLANNING APPLICATION 1, BALBRIGGAN, CO. DUBLIN

Title
PROPOSED ATTENUATION SYSTEMS DETAILS

Client
LAGAN HOMES LTD.

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	Approved	Waterman Ref
PI	IW	25-107
Drawn By	**Date**	**Scales @ A1**
IG	MAY. 2026	AS SHOWN

Project - Originator - Volume - Level - Type - Role - Number: FLE - WMC - CA4 - XX - DR - C - P0221
Revision: P01

Drawing Location: N:\Projects\2525-107 Flemington Balbriggan\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\FLE-WMC-CA4-ZZ-DR-C-P0221 Proposed Attenuation System Details.dwg
Date: Aug 26, 2026 - 9:08am