



issued for  
PLANNING

DIMENSIONS

Figured dimensions only to be taken from this drawing.  
All dimensions to be checked on site.  
Architects to be informed immediately of any discrepancies before work proceeds.

© COPYRIGHT

This drawing and any design hereon is copyright of  
JOR Consulting Engineers and must not be reproduced  
in whole or in part without their express written consent.

NOTES:

1.

LOCKABLE MANHOLE COVERS SHALL BE INSTALLED AT EITHER END OF ATTENUATION TANKS AND SHOULD ALLOW FOR SAFE ACCESS AND EGRESS VIA STEP IRONS.

2.

IN ORDER TO ISOLATE AND CARRY OUT MAINTENANCE OF THE FLOW CONTROL DEVICE A PENSTOCK VALVE (OR SIMILAR APPROVED) SHALL BE INSTALLED WITHIN THE OUTFALL MANHOLE, ON THE UPSTREAM END OF THE MANHOLE.

3.

FOR GRAVITY SYSTEMS A HYDROBREAK (OR SIMILAR APPROVED FLOW CONTROL DEVICE) SHALL BE INSTALLED IN THE LAST MANHOLE.

4.

THE DESIGN APPROACH OF AN UNDERGROUND TANK SHOULD BE TO MINIMISE THE NEED FOR ENTRY BY INCLUSION OF SELF-CLEANSING ARRANGEMENTS.

5.

THE TANKS WOULD BE REGARDED AS CONFINED SPACES, WITH ATTENDANT HEALTH AND SAFETY REQUIREMENTS. STRUCTURES WOULD THUS NEED TO BE APPROPRIATELY VENTED AND HAVE MINIMUM HEIGHT FOR SAFE MAN ENTRY.

6.

AS WELL AS INSPECTION FOR WATER TIGHTNESS, ALL STRUCTURES INTENDED TO RETAIN WATER FOR LONG PERIODS, SUCH AS SUMPS, INTERCEPTORS & TANKS, SHALL BE WATER TESTED TO CONFIRM TO MEASURABLE LOSS OF WATER & EXTERNAL SIGN OF LEAKAGE.

1	23.09.24	Issued for LRD application
0	AUG.24	Draft issue
REV	DATE	DETAILS

jor

Joseph O'Reilly

Consulting Civil & Structural Engineers

Tel: 046 9077032 Fax: 046 9077932

Email: mail@jor.ie Web: www.jor.ie

Unit 1, St. Therese's Place, Flowerhill, Navan, Co. Meath

CLIENT	EW Property Ltd			TITLE	LRD: Attenuation Tank 3 Drainage Details Sheet 5 of 5	
PROJECT	Hartfield Place, Swords Road, Whitehall, Dublin 9, D09 C7F8	SCALE 1:50 @ A1	DATE CREATED Sept 2024	DRAWN BY: PC	CHECKED BY: MS	REV 1