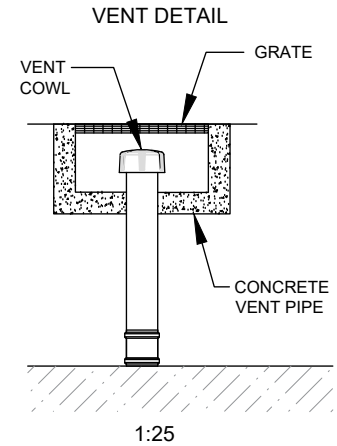
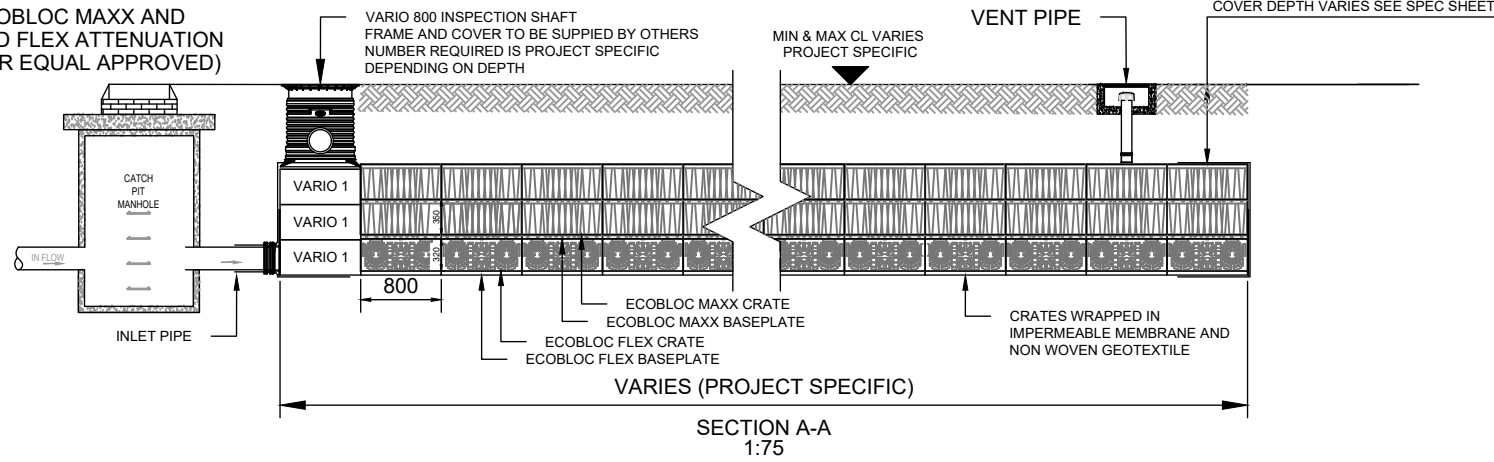
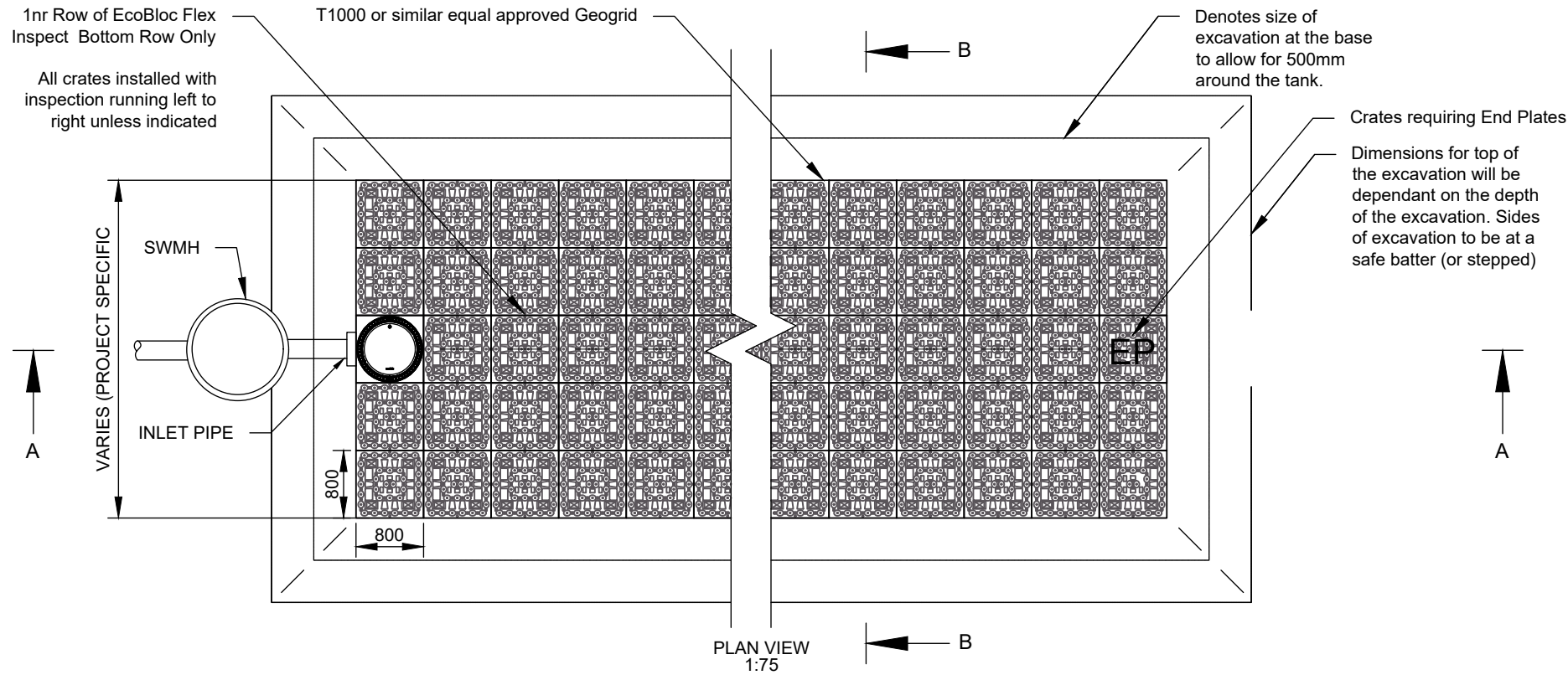


ECOBLOC MAXX AND
AND FLEX ATTENUATION
(OR EQUAL APPROVED)



1nr Row of EcoBloc Flex
Inspect Bottom Row Only

All crates installed with
inspection running left to
right unless indicated



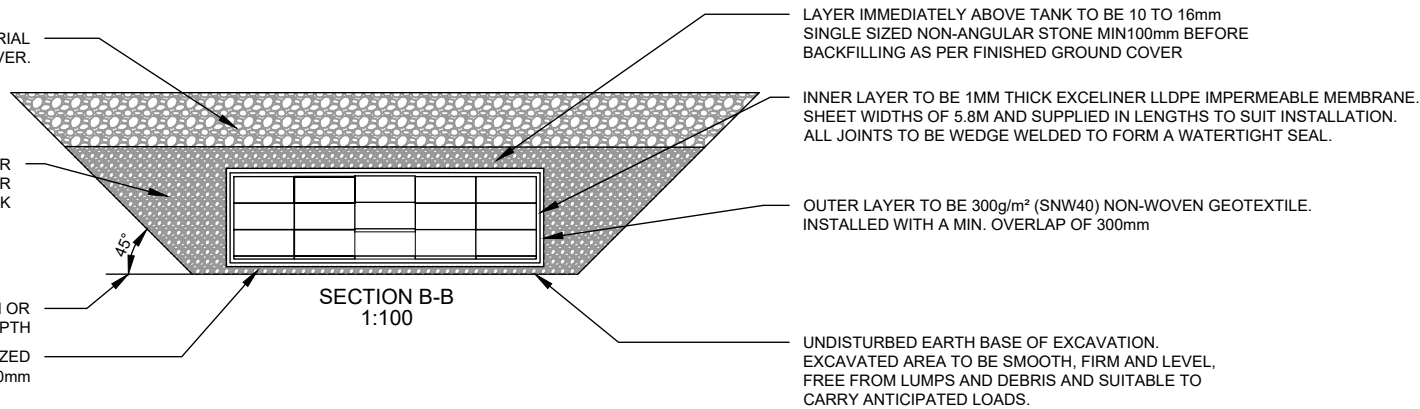
NOTE: EXCAVATION TO EXCEED TANK SIZE BY 500MM ON ALL SIDES TO ALLOW FOR ACCESS

BACKFILL UP TO FINISHED GROUND LEVEL USING SUITABLE MATERIAL
AS REQUIRED FOR FINISHED COVER.

MIN 500mm OF 8 TO 16mm SINGLE SIZED NON-ANGULAR
STONE AROUND SIDES OF TANK TO BE COMPLETED PRIOR
TO ANY FILL MATERIAL BEING PLACED ON TOP OF TANK

ANGLE TO SUIT SAFE EXCAVATION OR
SURROUNDING GROUND AND DEPTH

BASE LAYER TO BE 8 TO 16mm SINGLE SIZED
NON-ANGULAR STONE MIN DEPTH 80mm



LAYER IMMEDIATELY ABOVE TANK TO BE 10 TO 16mm
SINGLE SIZED NON-ANGULAR STONE MIN100mm BEFORE
BACKFILLING AS PER FINISHED GROUND COVER

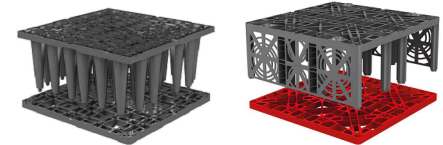
INNER LAYER TO BE 1MM THICK EXCELINER LLDPE IMPERMEABLE MEMBRANE.
SHEET WIDTHS OF 5.8M AND SUPPLIED IN LENGTHS TO SUIT INSTALLATION.
ALL JOINTS TO BE WEDGE WELDED TO FORM A WATERTIGHT SEAL.

OUTER LAYER TO BE 300g/m² (SNW40) NON-WOVEN GEOTEXTILE.
INSTALLED WITH A MIN. OVERLAP OF 300mm

UNDISTURBED EARTH BASE OF EXCAVATION.
EXCAVATED AREA TO BE SMOOTH, FIRM AND LEVEL,
FREE FROM LUMPS AND DEBRIS AND SUITABLE TO
CARRY ANTICIPATED LOADS.

ECOBLOC MAXX

	Crate	Baseplate
Dimensions (mm)	800 x 800 x 350	800 x 800 x 40
Gross Volume (m3)	0.225m ³	0.025m ³
Net Volume (m3)	0.217m ³	0.020m ³
Material	Polypropylene	Polypropylene
Weight	9kg	4kg
Void Ratio	>96% depending on number of layers	
Inspectable	Yes, when combined with EcoBloc Flex	



- NOTES**
- GENERAL NOTES:**
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
 - ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE.
 - ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES.
 - THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES.
 - ALL LEVELS SHOWN RELATE TO ORDINANCE SURVEY DATUM AT MALIN HEAD.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS. CONTRACTOR TO VERIFY THE ACCURACY OF THIS PROPOSAL TO THE ENGINEER AND ALLOW FOR MINOR CORRECTIONS AS DEEMED NECESSARY WITH A REASONABLE TIMEFRAME.
 - GRAF PRODUCTS TO BE INSTALLED IN STRICT ACCORDANCE WITH GRAF RECOMMENDATIONS.
 - THIS DRAWING IS INTENDED FOR **GUIDANCE ONLY**. CONFIRMATION OF THE SUITABILITY FOR A PARTICULAR PROJECT SHOULD BE SOUGHT FROM THE CONSULTING ENGINEERS PRIOR TO FINAL DESIGN OR COMMENCEMENT OF ANY CONSTRUCTION WORKS.

NOTICE:
THIS DRAWING IS ISSUED ONLY AS A GUIDELINE AND IS AN ESTIMATE OF THE MATERIALS REQUIRED TO CONSTRUCT THE DRAINAGE SYSTEM. IT SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.
GRAF IRELAND LTD MAKES NO WARRANTY OR GUARANTEE IN RELATION TO THE SUITABILITY OF ANY OF THE LAYOUT DETAILS SHOWN ON THIS DRAWING IN RELATION TO A PARTICULAR SCHEME.

PL.01	Issued for PLANNING	BM	MF	03.09.25
rev.	modifications	by	chkd	date

Layout Ref.:
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Client:  **Comhairle Cathrach na Gaillimhe**
Galway City Council

Project
**Proposed development of GCC
Newcastle Community Centre &
Associated Works at Moyola Lane,
Newcastle, Galway, Co. Galway.**

Stage:
Planning

Title:
**Proposed Attenuation Tank - Details
Sheet 1 of 3**

Drawn: P.C. Checked: M.F. Scale: 1:100/1:75/1:25 @ A1 1:200/1:150/1:50 @ A3 Date: 05.06.25

Drawing No. 0461-MFA-XX-ZZ-DR-C-200-013 Revision PL.01