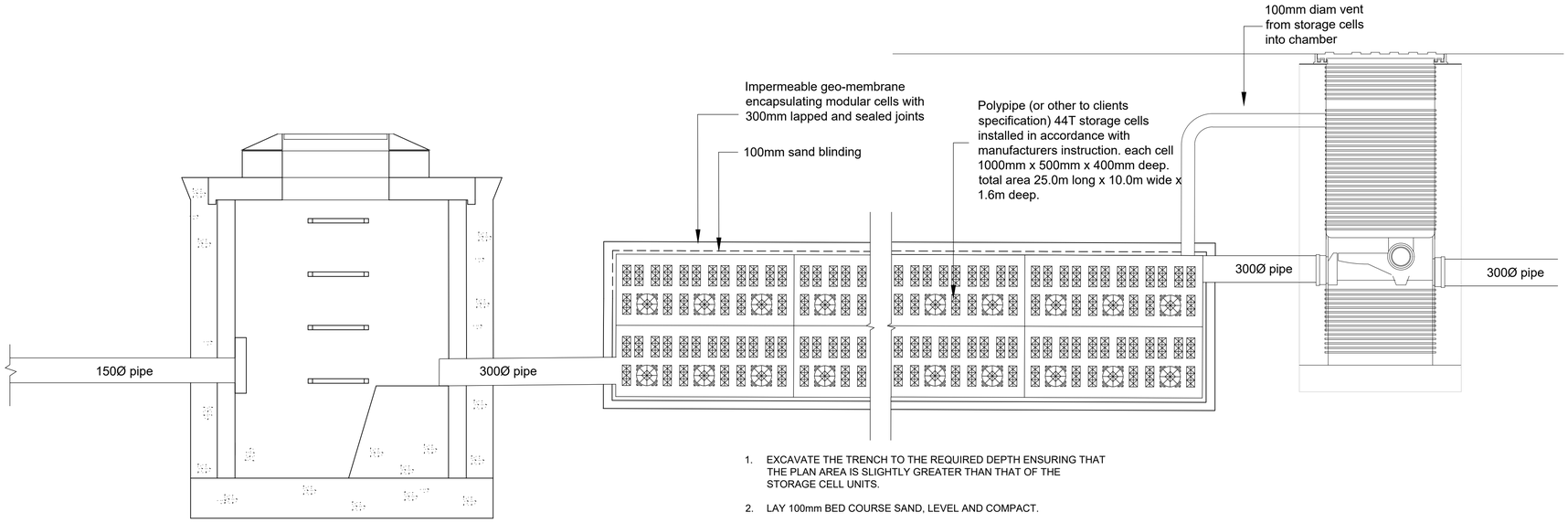
SECTION THROUGH ATTENUATION STORM CELLS



1. EXCAVATE THE TRENCH TO THE REQUIRED DEPTH ENSURING THAT THE PLAN AREA IS SLIGHTLY GREATER THAN THAT OF THE STORAGE CELL UNITS.
2. LAY 100mm BED COURSE SAND, LEVEL AND COMPACT.
3. LAY THE GEOMEMBRANE OVER THE BASE AND UP THE SIDE OF THE TRENCH.
4. LAY THE STORAGE CELL UNITS PARALLEL WITH EACH OTHER OR IN A BRICK BONDED FORMATION. FOR MULTI LAYERS USE THE CLIPS AND THE SHEAR CONNECTERS.
5. WRAP THE GEOMEMBRANE AROUND THE UNITS, FORMING A DOUBLE SEAL IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
6. DRAINAGE CONNECTIONS TO BE MADE USING PROPRIETRY ADAPTORS.
7. LAY 100mm OF COURSE SAND BETWEEN THE TRENCH WALLS AND THE STORAGE UNITS AND COMPACT.
8. LAY 100mm BED OF COARSE SAND OVER THE GEOTEXTILE AND COMPACT. BACKFILL WITH STONE FREE AS DUG MATERIAL.

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Notes:

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No.	Revision	Date	Drwn
P1	First Revision	20/02/24	OG

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Client: Lidl

Project: Proposed Lidl Foodstore
Crosland Moor

Drawing title: Attenuation Detail

Drawn	Chkd	Date	Scale
OG	JS	Feb 2024	As Shown @ A1

Contract No.	Drg No.	Revision
21561	DR-C-0102	P1