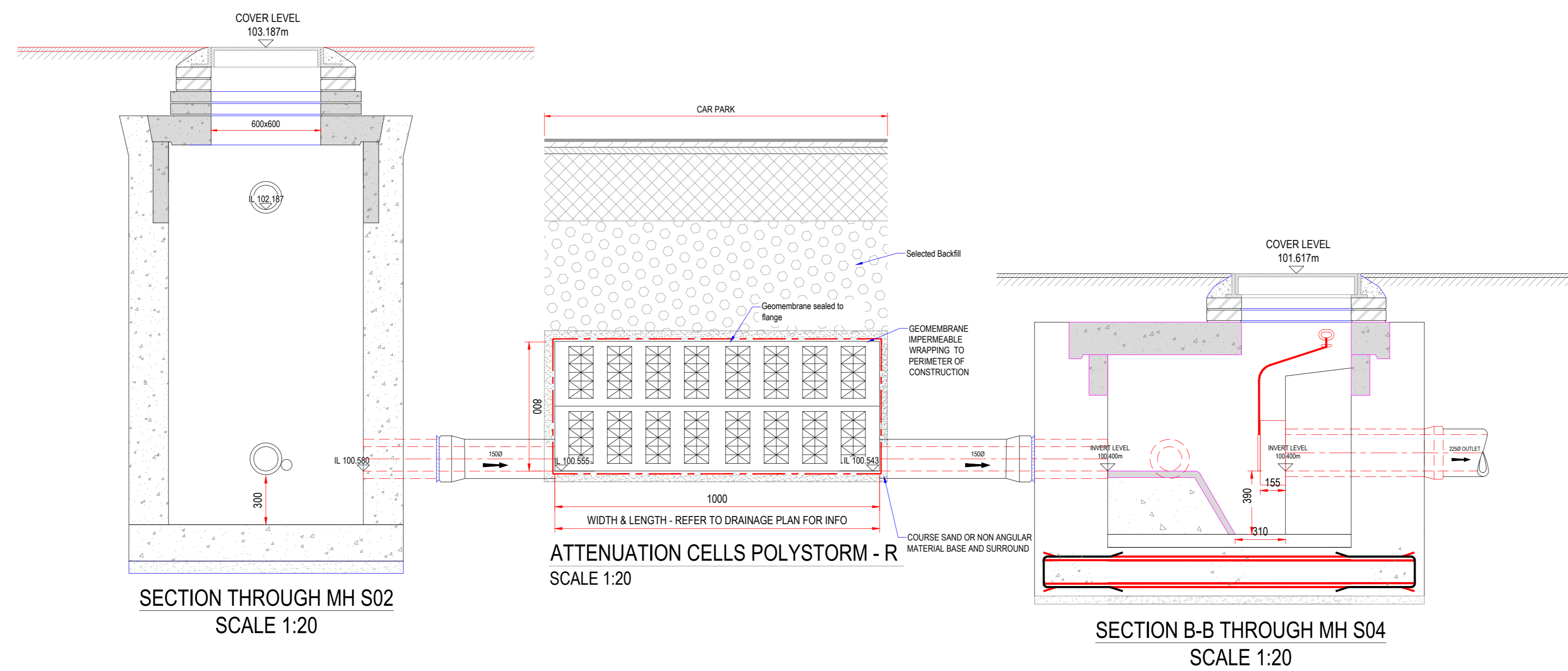


POLYSTORM TABLE									
NAME	CODE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	A (mm)	VERTICAL STRENGTH (kN/m ²)	LATERAL STRENGTH (kN/m ²)	COLOUR	MATERIAL
Polystorm - R	PSM1A	1000	500	400	25	610	63	Black	Recycled Polypropylene



- Typical Installation Procedure
- Excavate the trench to the required depth ensuring that the plan area is slightly greater than that of the units.
 - Lay 50mm bed of coarse sand or non angular granular material, level and compact.
 - Lay the geotextile over the base and up the sides of the trench.
 - Lay the units parallel with each other. In multiple layer applications, whenever possible, continuous vertical joints should be avoided. Units can be laid in a 'lock bonded' formation (i.e. to overlap the joints below). For single layer applications use the clips and for multi layers use the clips and the shear connectors.
 - Fit the Adaptors to the units as required and connect pipework.
 - In order to prevent silt from entering the tank, clogging inlet pipework and reducing storage capacity, it is recommended that the Domestic Silt Trap or a standard Silt Trap is installed prior to the inlet pipework.
 - Wrap and overlap the geotextile covering the entire structure.
 - Lay 100mm of coarse sand or non angular granular material between the trench walls and the structure and compact.
 - Lay 100mm of coarse sand or non angular granular material over the geotextile and compact.
 - Backfill with suitable material.

* THE GEOMEMBRANE SHOULD BE SELECTED ACCORDING TO SPECIFIC SITE CONDITIONS. SPECIALIST ADVICE SHOULD BE SOUGHT.

FOR SPECIFIC SIZES AND LEVEL INFORMATION REFER TO DRAINAGE PLAN DRG P4734-01

ATTENUATION DETAIL IS TYPICAL AND SPECIFIC DETAILS SUCH BE CONFIRMED OBTAINED FROM CHOSEN TANK MANUFACTURER
DETAIL AND DESIGN BASED UPON POLYSTORM - R ATTENUATION CELLS.

PLANNING ISSUE

Revised	Amended to updated layout	JC	TC	11.06.2025
P02	Amended to updated drainage strategy	JC	TC	23.10.2025
P00	Initial issue	JC	TC	23.10.2025
Rev	Details	By	CHK	Date
				6 Killingbeck Court, Killingbeck Office Village, Killingbeck Drive, Leeds LS14 6FD, Tel: 0113 249 7416 www.ave-consulting.co.uk

Client	ACUMEN
Project	Coach and Horses, Honley
Title	Attenuation Tank Details

Drawn	Checked	Date	Scale	Original File Size
JC	TC	Oct 2025	As Stated	AO
Drawing Number	P4734-06	Rev		P02