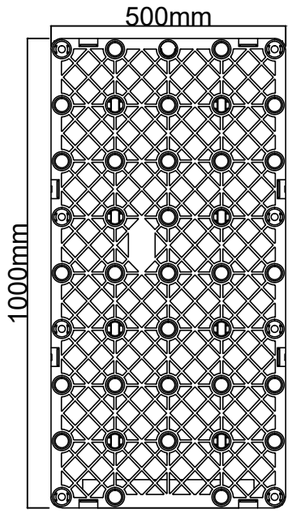
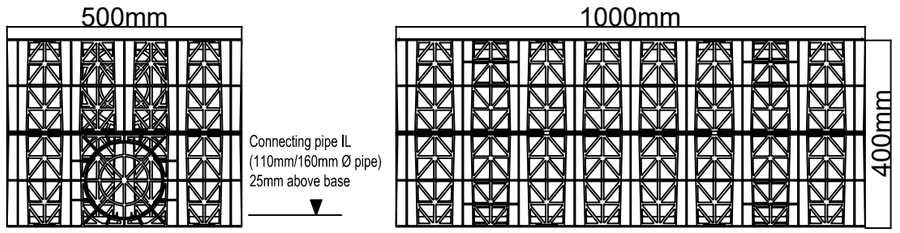
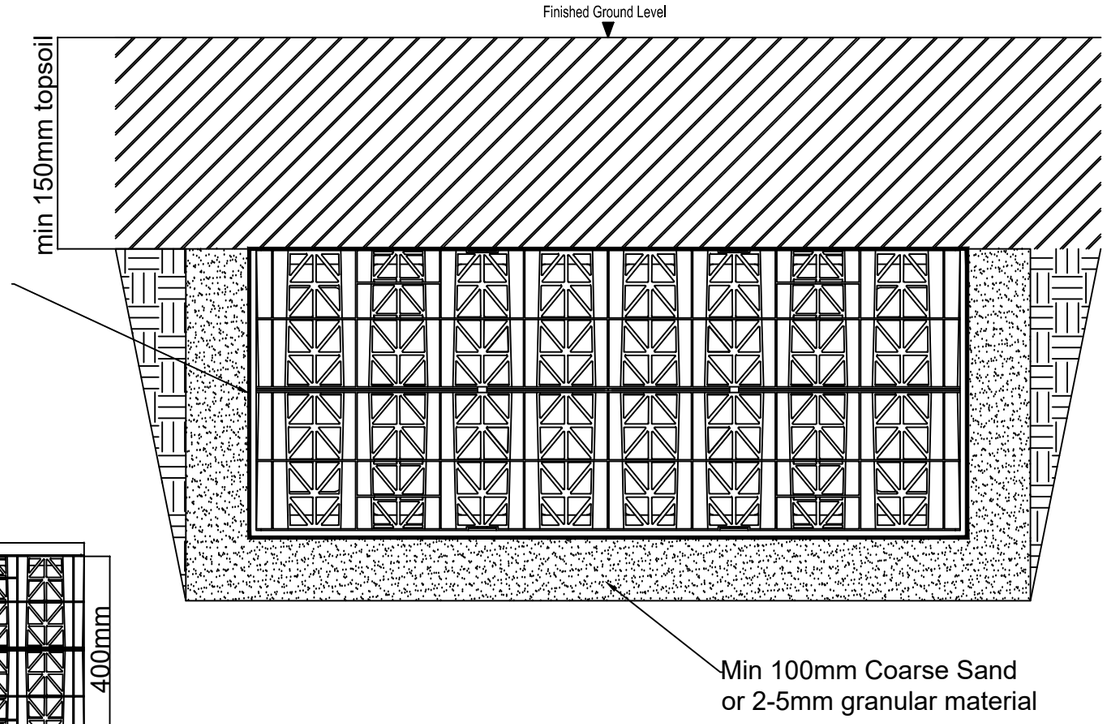


PLAN VIEW



END ELEVATION

SIDE ELEVATION



Polystorm Lite (PSM2) unit

Unit weight 7kg

Cube storage volume 0.19m3 (190 litres)

Volumetric void ratio 95%

SHORT TERM COMPRESSIVE STRENGTH

Vertical Maximum 200kN/m2

Lateral Maximum 40kN/m2

SHORT TERM DEFLECTION

Short-term vertical deflection 6.4kN/m2 per mm

GENERAL NOTES

1. This drawing is to be read in conjunction with relevant architectural and engineering drawings.

2 Levels indicated in blocks are finished floor levels which are generally 150mm above ground level.

3. Roads footpaths and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the relevant council highway specification.

4. Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption 6th Edition and Combined Addendum" and the Sewerage Undertakers reasonable requirements.

5. All pipes to be used in adoptable sewers shall be unplasticised PVC pipes to BS 4660/ BS EN1401-1:1998 with Class S bedding unless otherwise stated. The minimum requirement for pipes to be used in adoptable sewers is to be as follows:
150mm dia - Class 187 - min crushing strength 28kN/m
225mm dia - Class 120 - min crushing strength 28kN/m
300mm dia - Class 120 - min crushing strength 36kN/m
Where cover to pipes is less than 1200mm under carriageway or vehicular access areas they shall be surrounded with 150mm Grade C20 concrete, flexibility of joints being maintained by using compressible fibreboard at intervals not exceeding 5m.

6. All existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed drainage work. Any difference between actual and drawn details is to reported immediately.

7. Positions of existing services/stautory undertakers apparatus adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

8. A SCREEN IS TO BE FITTED OVER THE OUTGOING PIPE TO THE LAST NEW SURFACE AND FOUL MANHOLES BEFORE ENTERING THE EXISTING SEWERS IN ACCORDANCE WITH SEWERS FOR ADOPTION 6. THE SCREEN SHALL ONLY BE REMOVED ONCE ON SITE CONSTRUCTION WORKS HAVE BEEN COMPLETED

Rev.	Date	Description	Initial

Keresley Engineering Services

Keresley Engineering Services Ltd.
5 Hertford Place, Coventry
T: 02477 360 115
E: chris@keresleyengineering.co.uk

Drawing Title

Typical Geocellular Attenuation Tank Detail

Status

For Construction

Drawing Number:

K000/STD/9011

Drawn By:	Date:	Scale @ A3:	Revision:
CB	Apr/2020	Not to Scale	-