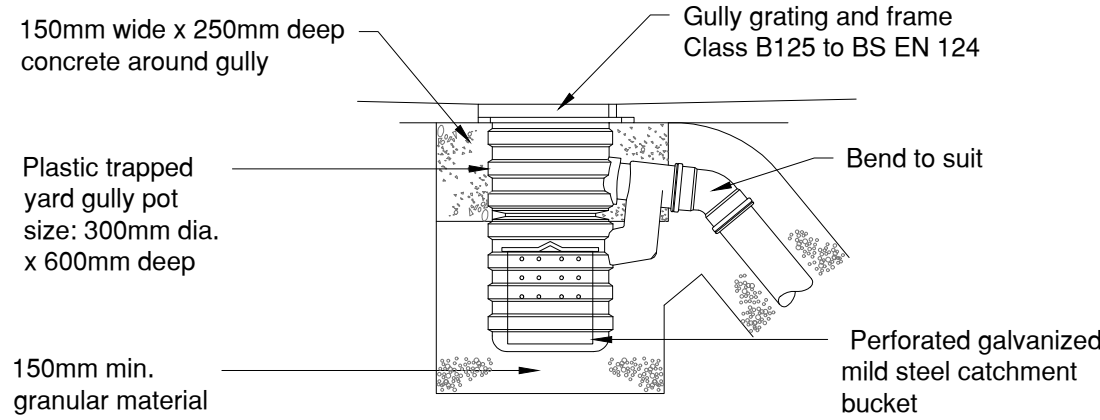
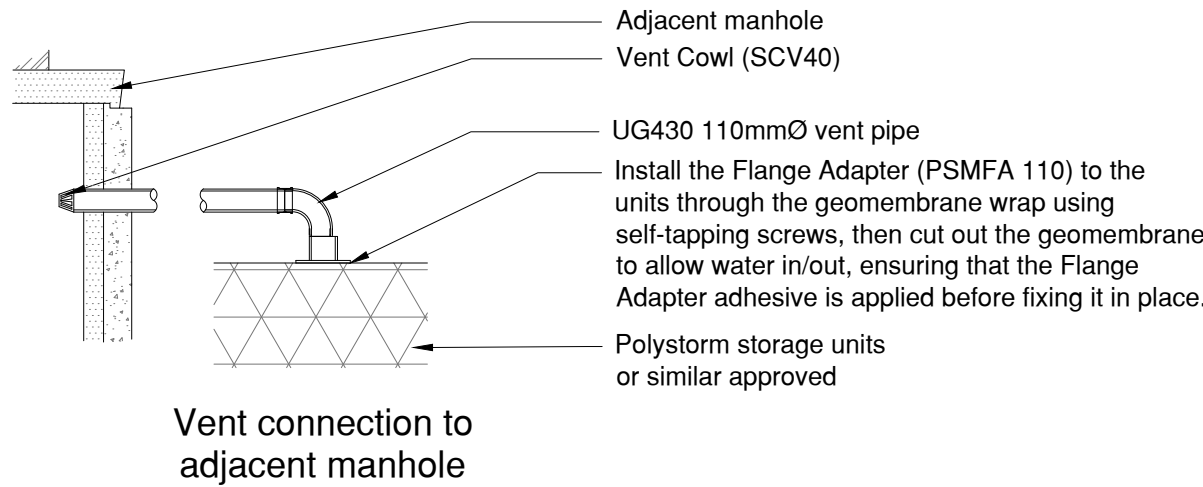
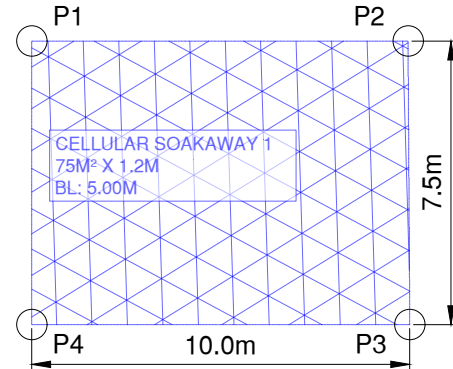




Typical Preformed Plastic Yard Gully Pot

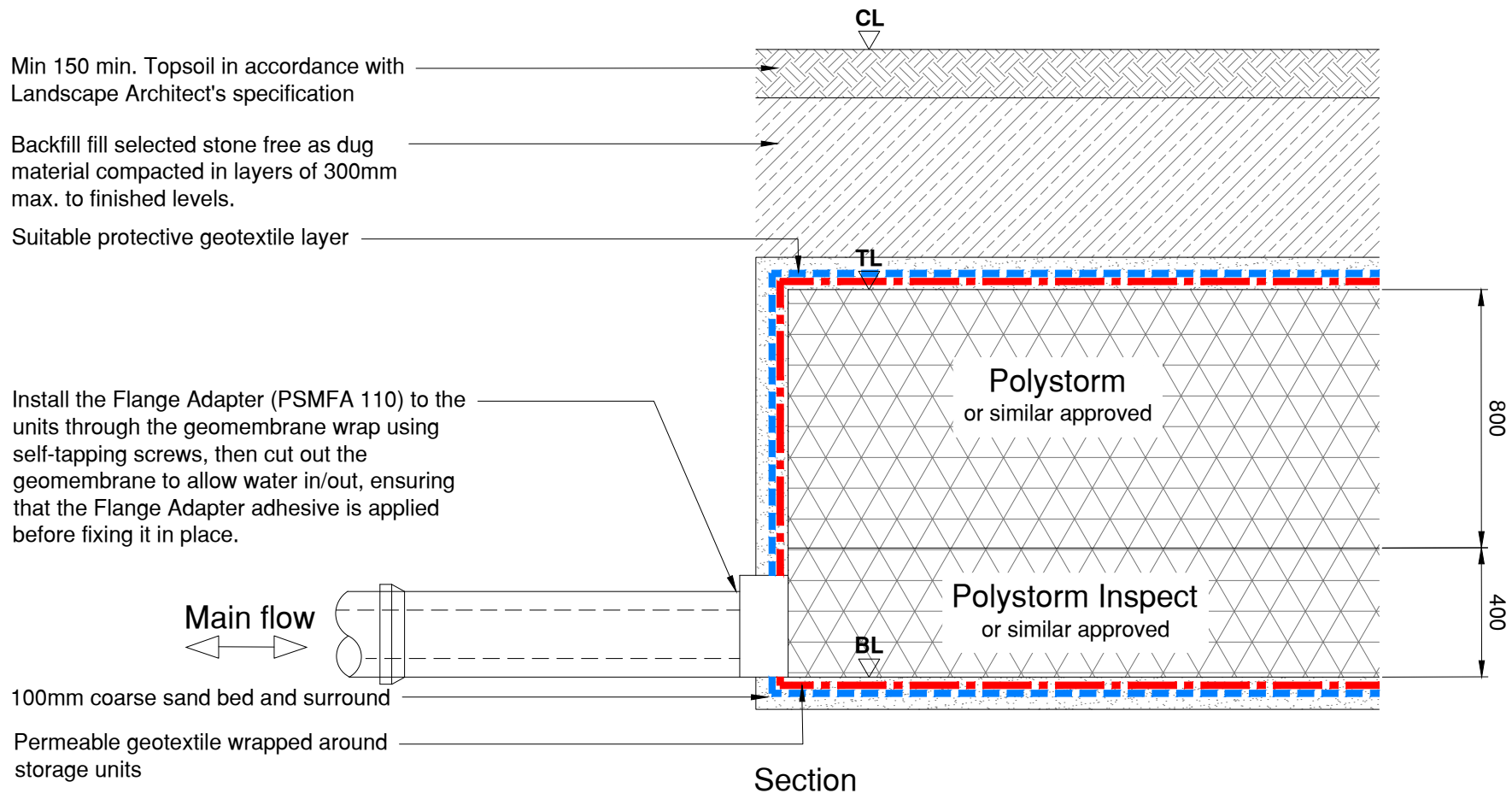


Typical Vent Details
(Refer to domestic drainage layouts Ref: 519.1.VCE.0500 - 0502 for specific storage tank connection locations and arrangements)



POINT	EASTING	NORTHING
P1	503134.342	103699.644
P2	503144.215	103698.387
P3	503143.315	103690.942
P4	503133.395	103692.204

Cellular Soakaway 1
Coordinates



Storage Tank Reference:	Min. Ground Level (CL) (m)	Top of Cellular Units (TL) (m)	Base of Cellular Units (BL) (m)	Plan Dimension (m)	No. of Cellular Units based on 1m x 0.5m x 0.4m (Polystorm or Inspect)	Volume of Cellular Units @ 95% voids (m³)
SOAKAWAY 1	7.60	6.20	5.0	10.0m x 7.5m	450	85.5

Typical Cellular Trench Soakaway Detail

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NOTES:

- All levels are in metres above ordnance datum (AOD) unless otherwise stated.
- Do not scale from this drawing. Only written dimensions are to be used.
- This drawing must be read in conjunction with all other relevant documents and drawings issued by Vine CE, as listed in the final drawing register, including Architect's, Landscape Architect's and Structural Engineer's drawings and specifications.
- 150mm, 225mm and 300mm diameter pipework to be Wavin OSM UltraRib PVC-U corrugated pipe (or similar approved) to BS EN 13476-3 on class S bed & surround.
- Greater than 300mm diameter pipework to be concrete class M to BS 5911 on class S bed.
- Where minimum depth of cover to the pipe crown is not achievable, a reinforced concrete slab protection is to be used.
- Buried concrete to be designed to appropriate sulphate resistant design class.
- Where manhole is located within soft landscaping or private drives, B125 covers may be used.
- The sewers and drains are to be constructed in accordance with the Building Regulations, BS EN 752:2008 Drain and sewer systems outside buildings, BS EN 1610:2015 Construction and testing of drains and sewers, and the Sewerage Section Guidance.
- First pipe from either side of a chamber to be no more than 600mm long with 225mm GEN3 surround and have an articulated rocker pipe with 25mm joint filler to SHW 1015 between the GEN 3 surround and the first collar.
- All pipes entering and exiting manholes are to be connected soffit to soffit unless notes otherwise.
- In situ concrete generally to be GEN 3 designated mix.
- All in situ concrete to be thoroughly compacted.
- All covers to be stamped "FW" or "SW", as appropriate.
- Where a specific manufacturer's product or solution is referenced, refer to manufacturer to verify the construction details and the applicable notes.
- Typical construction details are not product specific and the contractor must refer to the preferred manufacturer for technical specification and installation guidance prior to commencing work.
- The Merebrook Consulting (GEA-18426-14-69) recommends a Design Sulphate Class DS-2 and ACEC Class AC-2, which must be considered for all buried concrete.

18. Promptly report any discrepancies or variances to Vine CE for timely clarification before commencing the works.

INSUTI INFILTRATION TESTS TO BE UNDERTAKEN TO VERIFY DESIGN

SOAKAWAY CONSTRUCTION PRECAUTIONS

Many soakaway failures result from actions carried out during the construction process.

All infiltration devices should be protected from contamination by silt, cement, washings ect. during the construction period.

Attention is drawn to CIRIA publication C698 "Site handbook for construction of SUDS" which should be used for guidance during construction.

It is recommended that, until all construction works have been completed within the contributory areas, the following actions are taken:-

Either: a) A manhole (or manholes) upstream of the infiltration device is used as a silt trap by incorporating a geotextile membrane (Terram 1000 or similar). These manholes to be regularly inspected and cleaned.

Or b) The surface water drainage system is not connected to the infiltration device and surface water is temporarily disposed of by other means.

DEPTH OF PIPE COVER

The minimum depth of pipe cover to the crown of gravity pipes without protection should be as follows:

- Domestic gardens and pathways without any possibility of vehicular access, 0.35m;
- Domestic driveways, parking areas and yards with height restrictions to prevent entry by vehicles with a gross weight in excess of 7.5 tonnes, 0.5m;
- Domestic driveways, parking areas and narrow streets without footways (e.g., mews developments) with limited access for vehicles with a gross weight in excess of 7.5 tonnes, 0.9m;
- Agricultural land and public open space, 0.9m;
- Other highways and parking areas with unrestricted access to vehicles with a gross vehicle weight in excess of 7.5 tonnes, 1.2m.

CDM NOTES:

Depth of existing services must be established prior to commencing any works. The contractor is responsible for establishing underground services following HSE Guidance Note HSG 47.

Any services that would be within the proposed construction layers must be lowered to a level below the sub-base.

T2	01.08.25	Storage unit type revised to "Polystorm or similar approved" vent to vent box detail removed. Note 4 revised.	SRV	VPI	VPI
T1	27.06.25	Initial Tender issue.	SRV	VPI	VPI
REV	DATE	DESCRIPTION:	DRN	CKD	APP
STATUS:	TENDER ISSUE				



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SITE: LITTLEHAMPTON
SOUTHERN ALLOTMENTS
WEST SUSSEX

VCE REF. 007-1004

TITLE: PRIVATE DRAINAGE
CONSTRUCTION DETAILS
SHEET 2 OF 2

SCALE AT A1:
NTS

DATE:
27.06.2025

DRAWN:
SRV

CHECKED:
VPI

APPROVED:
VPI

PROJECT NO:
519

DRAWING NO:
519.1.VCE.0506

REVISION:
T2