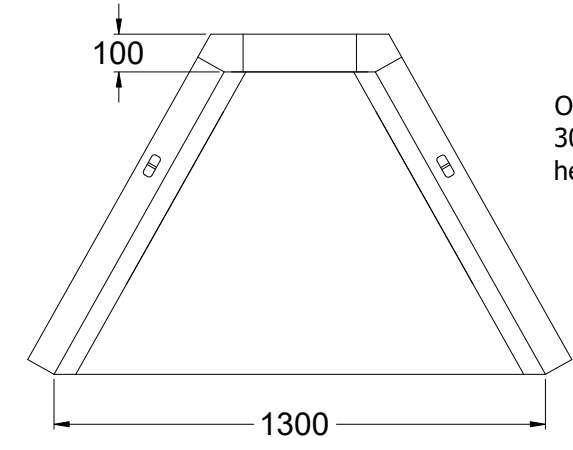
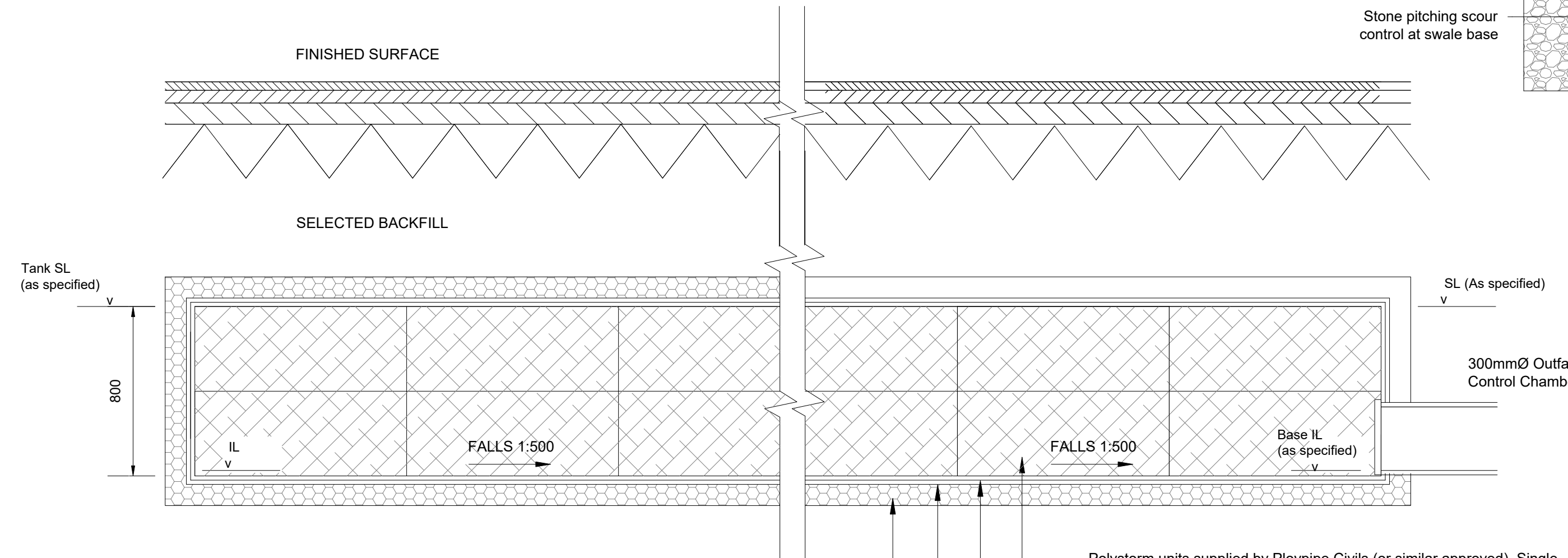
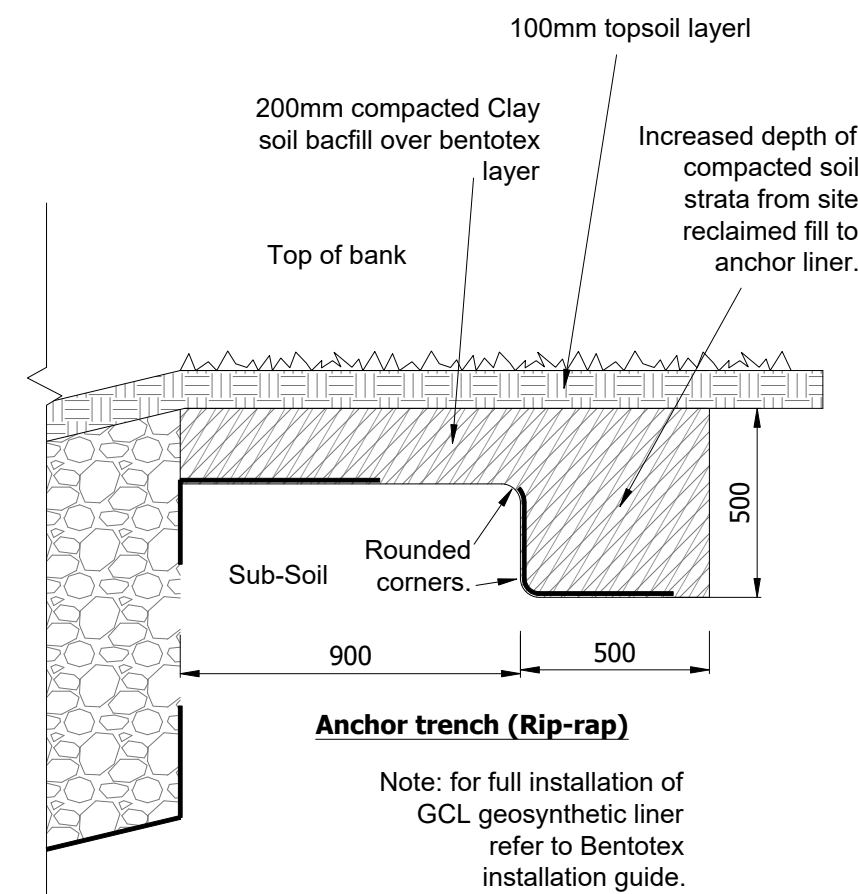
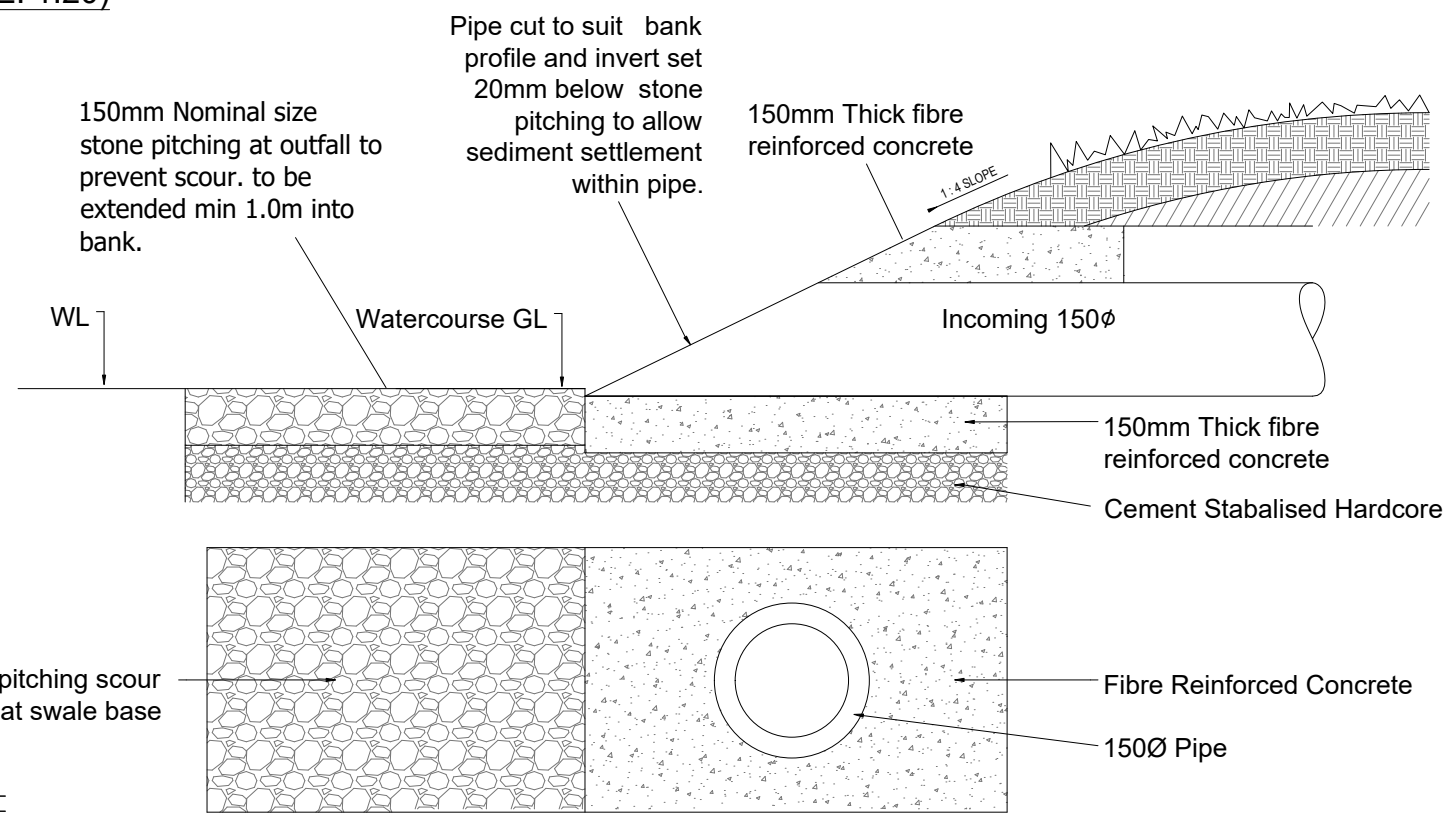
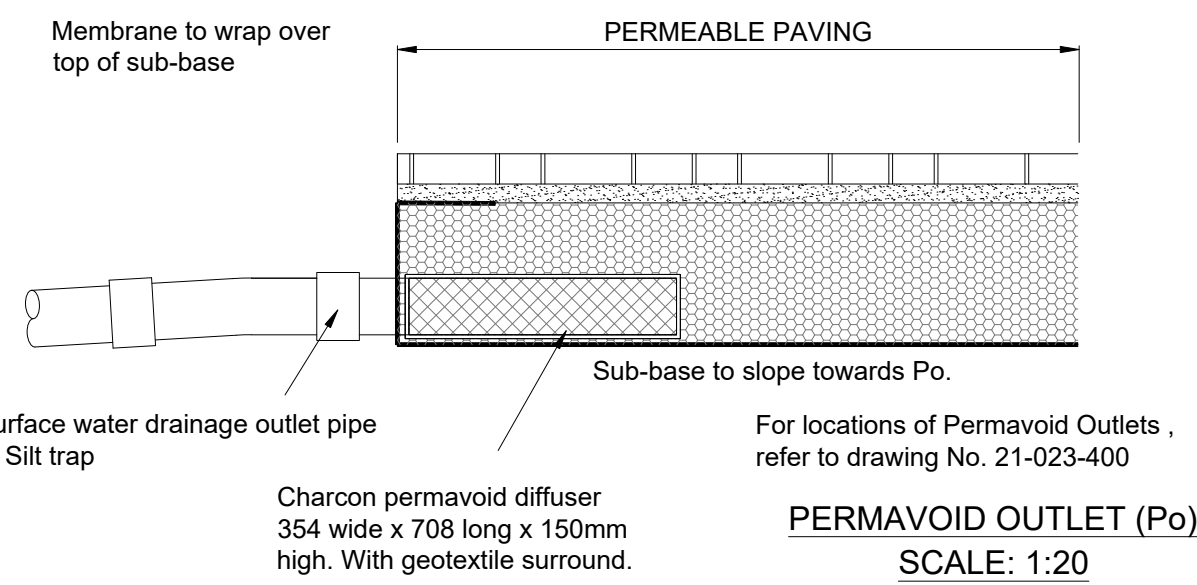
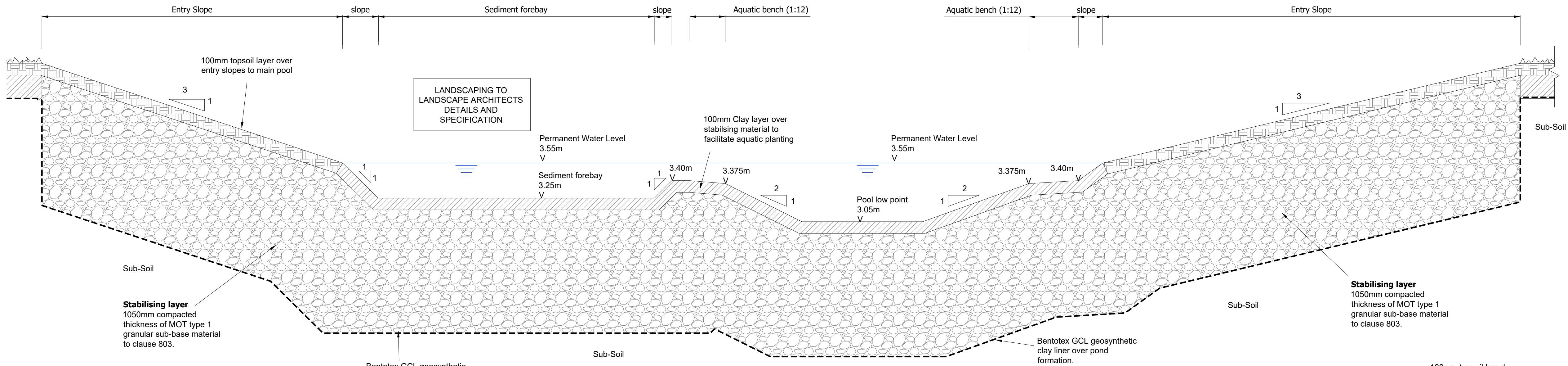
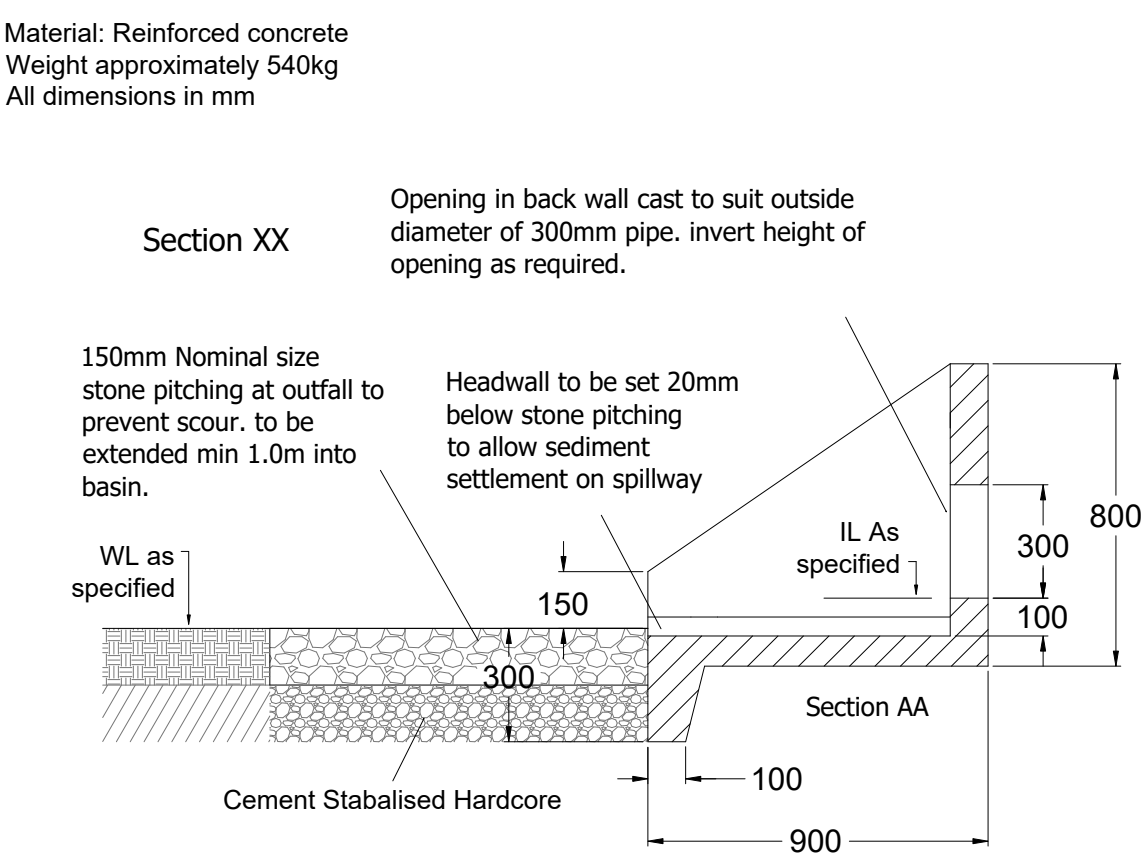




Units should be bedded on minimum 100mm of semi-dry concrete. Sit the headwall level from pipe to spill mouth. For full detailed installation instructions contact Althon.



SURFACE WATER STORAGE SYSTEM NOTES

Storage system detail shown on this drawing is subject to a full design by polypipe civils (or manufacturer where similar approved products used).

Polystorm, geomembrane and geotextile to be installed and maintained in accordance with manufacturers instructions.

Connectors, flange adaptors as specified by the manufacturer.

Following the installation all connecting inspection chambers and catchpits are to be inspected to ensure they are free of silt and construction debris

Venting requirements to be agreed by the contractor with the manufacturer prior to construction / installation

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and level invert levels at connection points and ensure that they are fully consistent with the contents and of requirements the site investigation report before work starts.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.

Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

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NOTES:

- This drawing is to be read in conjunction with the relevant specification and all other related drawings issued by the engineer.
- Do not scale from this drawing. Work from figured dimensions only.
- All dimensions shown on this drawing are in millimetres unless otherwise stated.
- All dimensions, levels and survey grid co-ordinates are to be checked on site and the engineer notified immediately of any discrepancies prior to the commencement of the works.
- No deviation from the details shown on this drawing is permitted without prior permission from the engineer.
- Prior to the commencement of works, the contractor must check the invert levels of the existing spurs and manhole chambers to which any connections are to be made. any discrepancies shall be reported to the engineer immediately.
- All concrete and concrete products below ground level shall be class DS-1 and AC1 sulphate resistant in accordance with BRE special digest 1.
- The setting out of the drainage works is to be agreed on-site with the engineer, prior to the commencement of works.
- The contractor shall take all necessary precautions to protect the drainage works for the duration of the contract.
- The contractor shall contact all of the appropriate statutory undertakers and establish the exact location of all services, prior to the commencement of the works, by hand dug trial pits.
- All pipe connections shall be made soffit to soffit.
- Stated cover levels are for guidance only and shall be set to the finish levels of the carriageway/footway/verge.
- All pipe sizes stated are nominal internal diameters in millimeters.
- All soft spots and voids shall be removed prior to construction and replaced with suitable fill material as agreed with the engineer.
- Approved residual weed killer (which does not contain atrazine or simazine) must be applied to all formations.

PLOT DRAINAGE

- Private foul water and surface water drainage is to be constructed in accordance with the building regulations, BS EN 752 and relevant agreement certificates.
- Drains to be constructed using flexibly jointed vitrified clay pipes to BS 65 "super strength" specification or upvc building drainage system pipework to BS EN 1401, bedded and backfilled in accordance with the manufacturer's instructions and the specifications.
- Backfilling of drain trenches adjacent to dwellings of other structures to be in accordance with the building regulations Part H, diagram 8.
- All soil vent pipe, stub stacks, air admittance valves and rain water pipe locations are indicative only. For actual locations please refer to architects plans and elevations.
- Surface water from private areas is not to be discharged onto the proposed highway.
- Drains to be constructed under dwellings with suspended floor slabs should be either installed using a proprietary hanger system where "beam and pot" or similar construction is used, or should be cast into local slab thickening where reinforced concrete ground slabs are to be poured in situ.
- Drains in areas of made ground to be constructed by first making up the area to approximately finished level and then excavate through the fill material into undisturbed ground. The drain trench is then to be backfilled to formation level using suitable granular fill material well compacted in layers not exceeding 225mm.

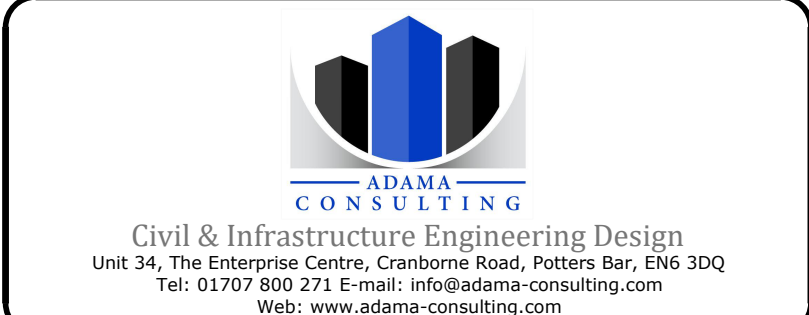
PRELIMINARY DRAWING NOT FOR CONSTRUCTION PENDING APPROVAL

Rev.	Description	Dm	Ckd	Date



Project
**Land adjacent Seftor School,
House, Seftor Road**

Title
**Private Drainage
Details - Sheet 4**



Scale 1:20 @ A1	Drawn MD
Date March 22	Checked TL
File PR21-023-Civils-dwgs-453	Drawing No 21-023-453
	Rev -