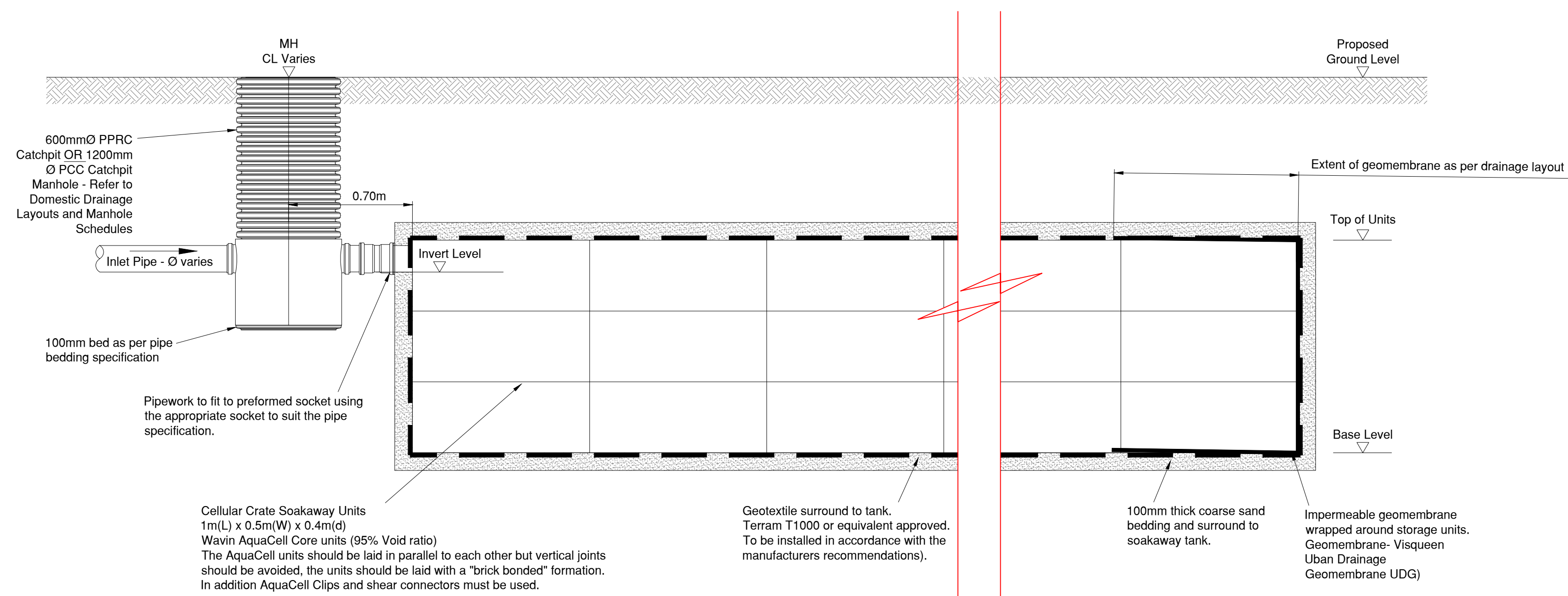
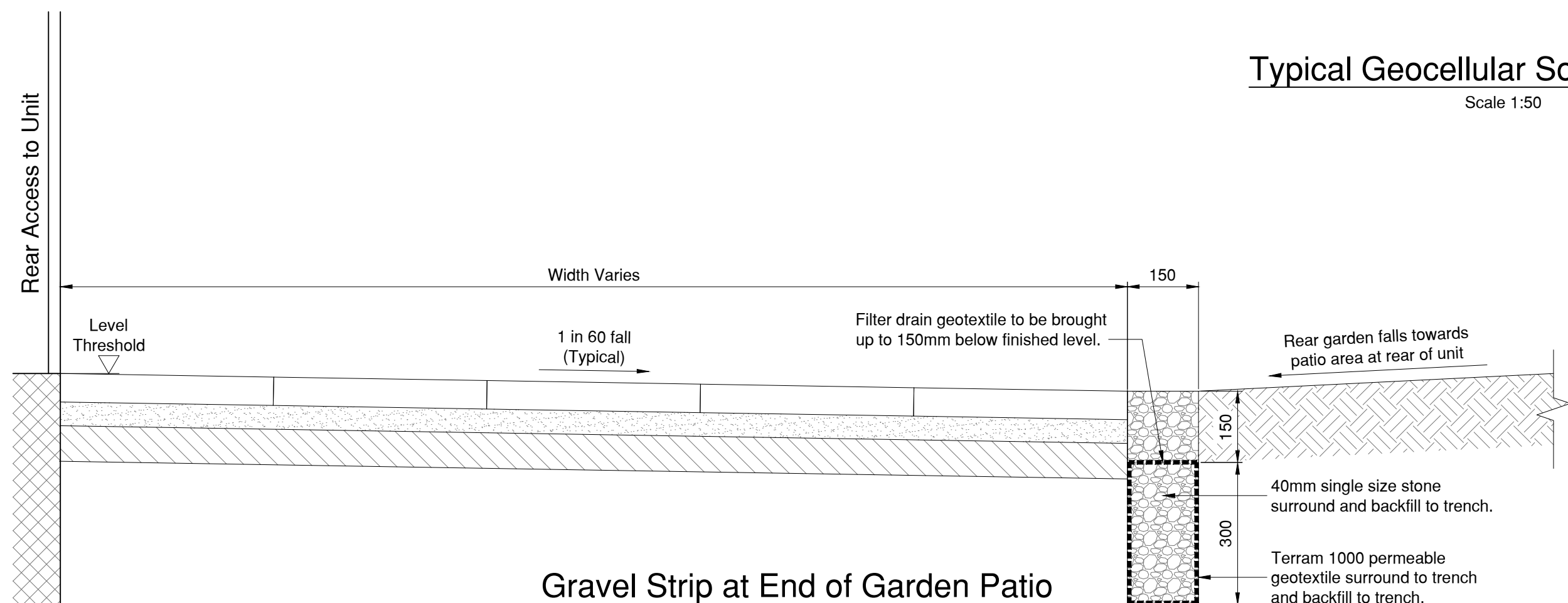


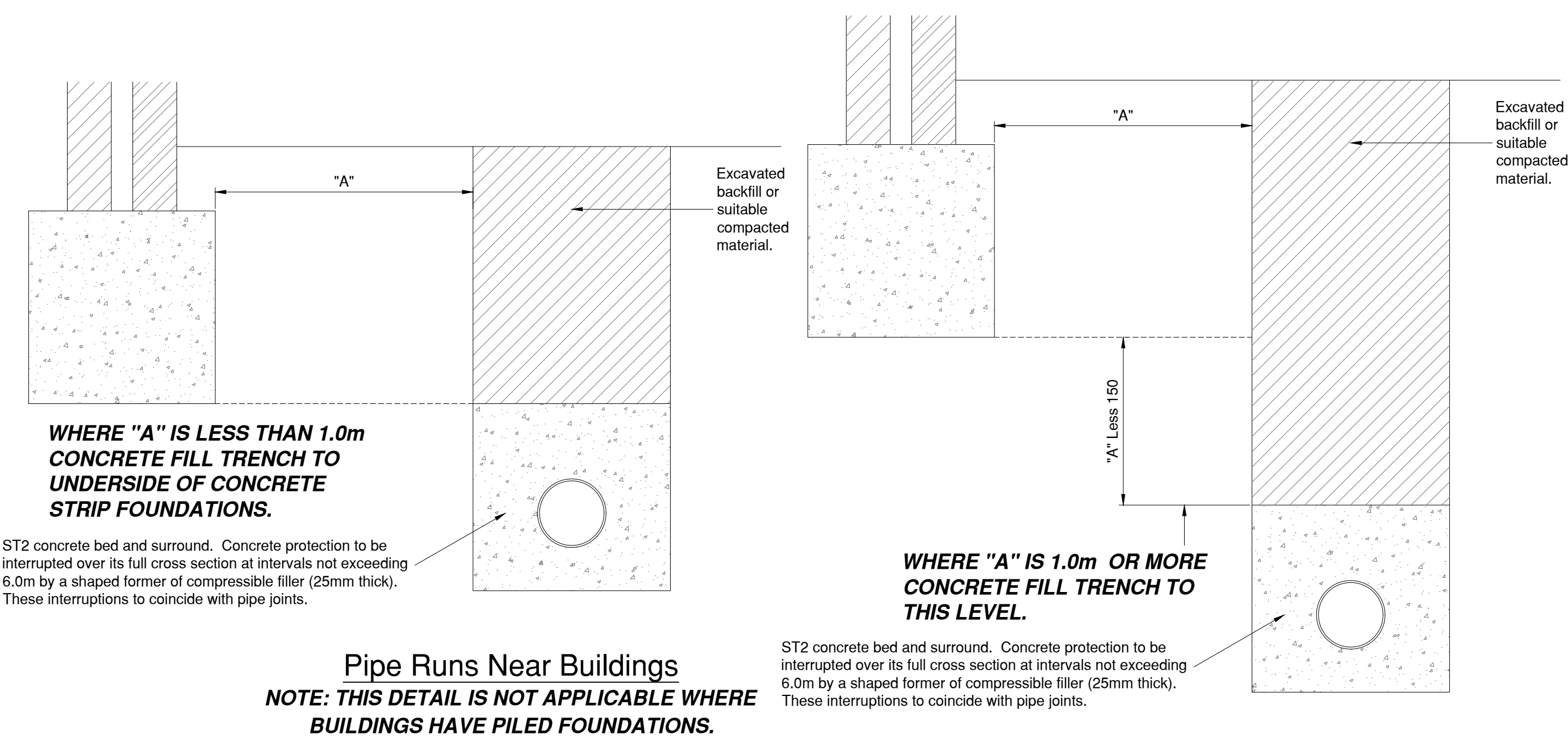


Typical Geocellular Soakway Detail

Scale 1:50



Gravel Strip at End of Garden Patio Typical Detail



NOTES

1. This drawing is to be read in conjunction with Foul Water Sewer Longitudinal Sections (FON-160-01 to 04), Surface Water Sewer Longitudinal Sections (FON-161-01 to 03), Highways Construction Details (FON-160-01 to 02), Highways Contours Layouts (FON-121-01 to 18), Highways Setting out Layout (FON-115-01 to 02), Highways Setting Out Coordinate Listings (FON-113-03), Drainage Construction Details (FON-181-01 to 02), Foul Water Manhole Schedules (FON-141-01 to 03), Surface Water Manhole Schedules (FON-140-01 to 02), Domestic Drainage Layouts (FON-130-01 to 18), Domestic Drainage Layouts (FON-182-01 to 02), Surface Water Attenuation Details (FON-183-01 to 02) and Building Setting Out Layouts (FON-110-01 to 18).
2. All dimensions are in millimetres unless stated otherwise.
3. Do not scale from this drawing. Only written dimensions are to be used.
4. **All construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Addendum and ICOSA Water specific requirements**, and Part H of the Building Regulations
5. Refer to geotechnical report for sulphate resisting class and AECB class.
6. Insitu concrete generally to be GEN 4 Designated Mix.
7. Insitu reinforced concrete to be RC 35 Designated Mix only when specified.
8. Where sulphate present, Consulting Engineer to confirm concrete and mortar specification.
9. All insitu concrete to be thoroughly compacted.
10. Typical domestic inspection chamber and manhole details shown on this drawing, widths and lengths will vary as follows:-
11. All covers to be stamped "FW" or "SW", as appropriate.
12. For Manufacturer and specification of pipes and fittings refer to drainage layout and schedule.
13. Drainage pipes and fittings to be Hepworth vitrified clay and PVCu or Wavin Osma PVCu or other equivalent approved. Refer to drainage layout and schedules for details of manufacturer and specification.
14. Mild steel fabrication to be hot dip galvanised to BS EN 1461.
15. ***Outgoing pipes greater than 600mm dia. should be fitted with guard bars, safety chains (to BS4042-2:1 and BS 729) or other safety devices in accordance with the Southern Water safety policy.***

DEPTH OF PIPE COVER

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

- domestic driveways 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

1. **EXISTING SERVICES.** Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.

A	26.05.20	Soakaway details updated, Drawing number revised	TRS	TRS	TRS
Rev.	Date	Details	By	Chkd	Appd

Client:-



Site:-
Fontwell
Eastergate
Arundel

Drawing Title:-
DOMESTIC DRAINAGE
CONSTRUCTION
DETAILS

SHEET 2 OF 2

Date:	March 2020	Scales:	Not to scale at A1
Drawn:	GD-I	Checked:	LD
		Approved:	TRS
Drawing No.			

FON-182-02-A

INITIAL TENDER ISSUE

SUBJECT TO PLANNING APPROVAL



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