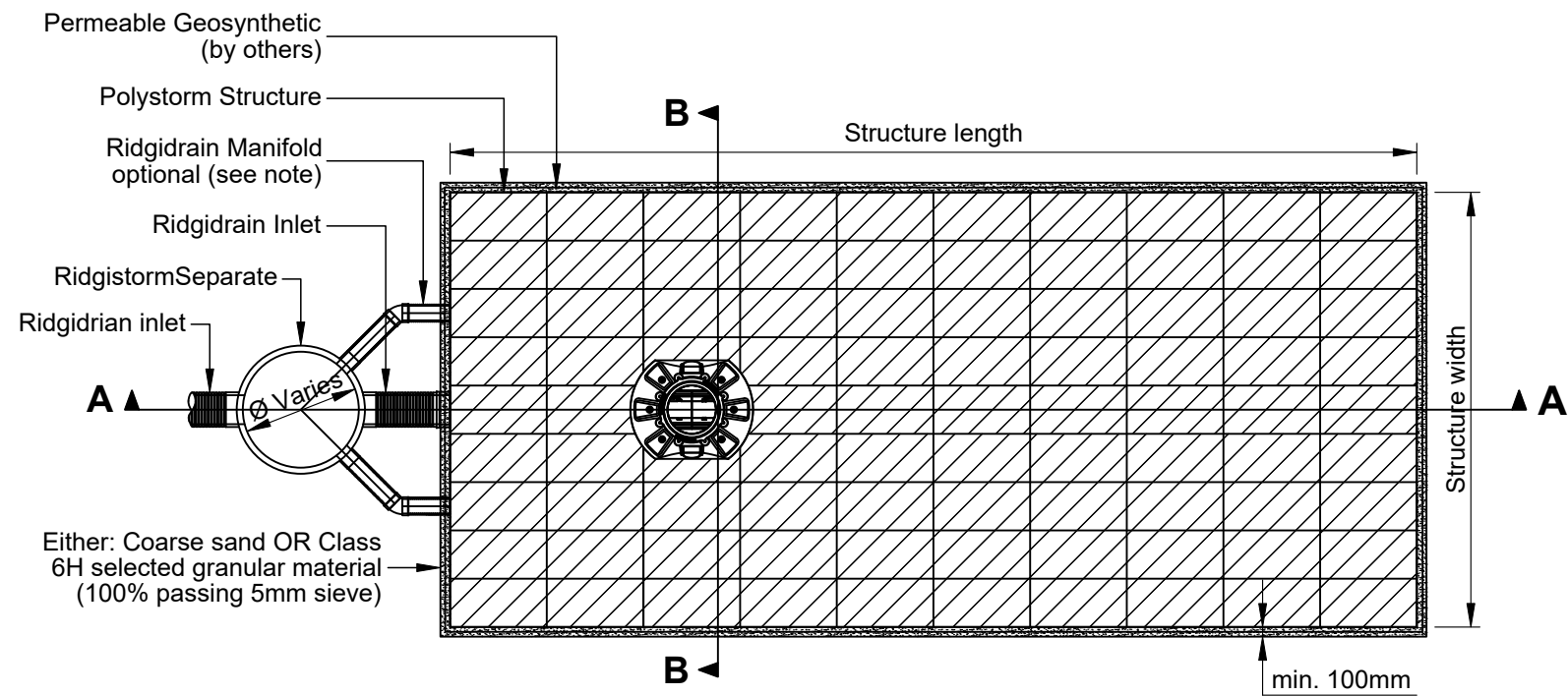
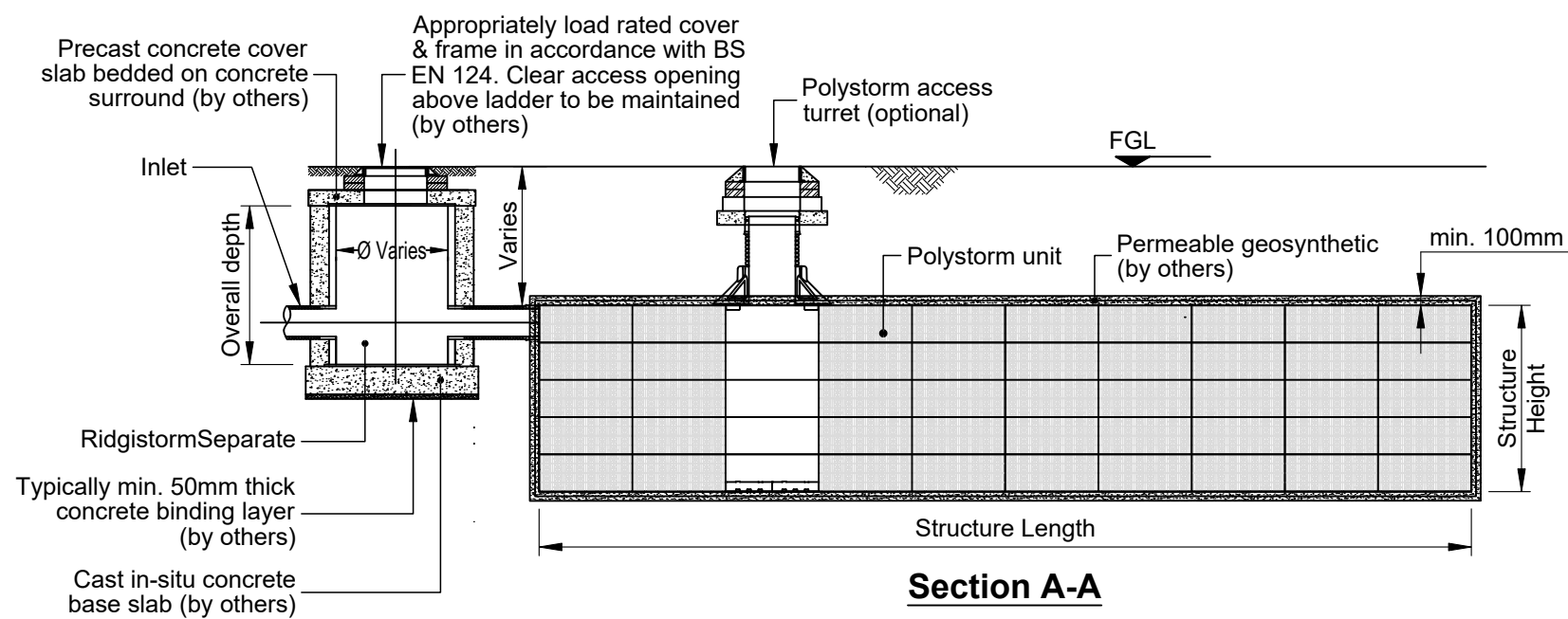
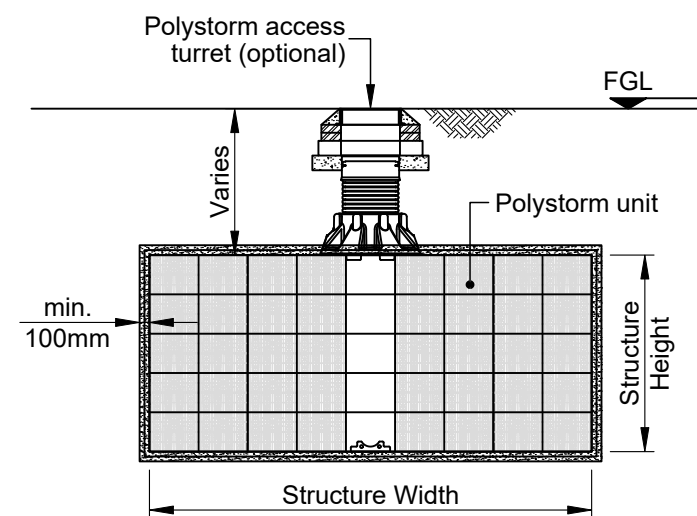




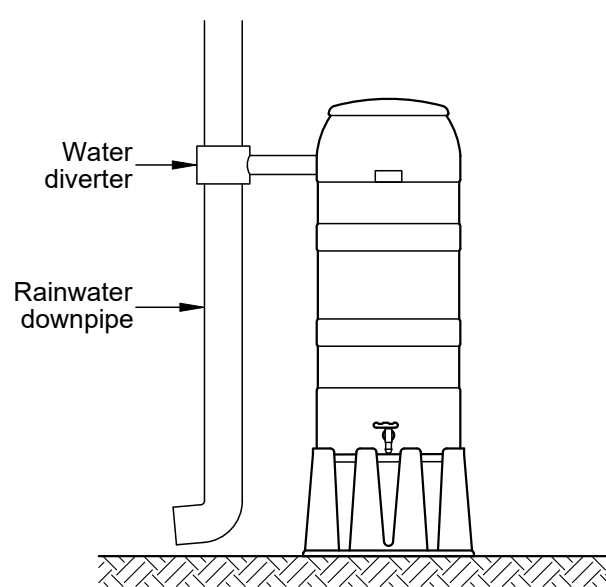
Typical Soakaway Tank - Plan View



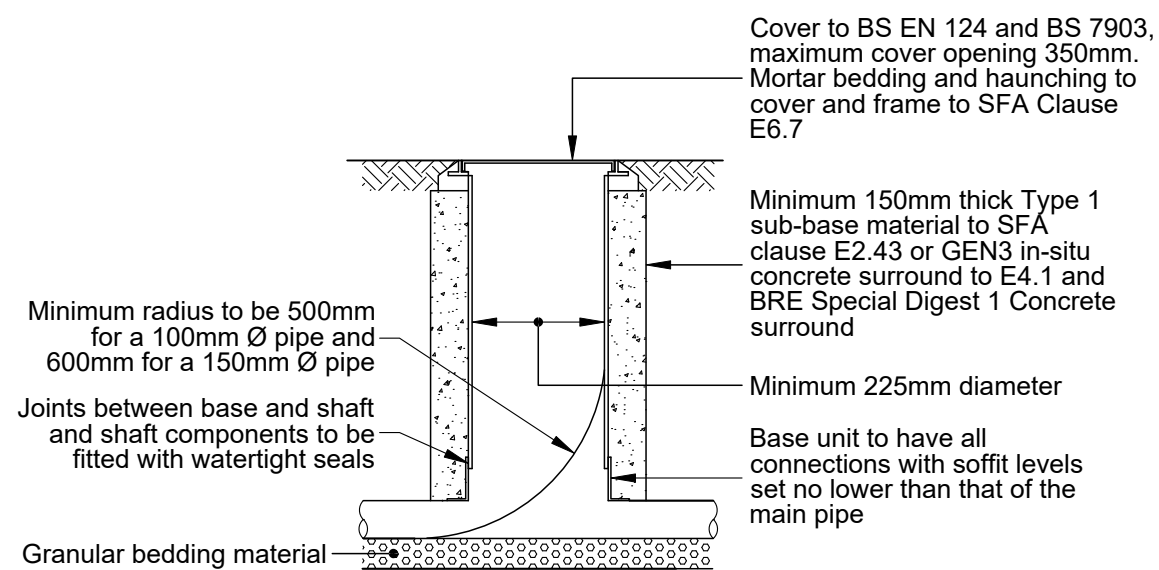
Section A-A



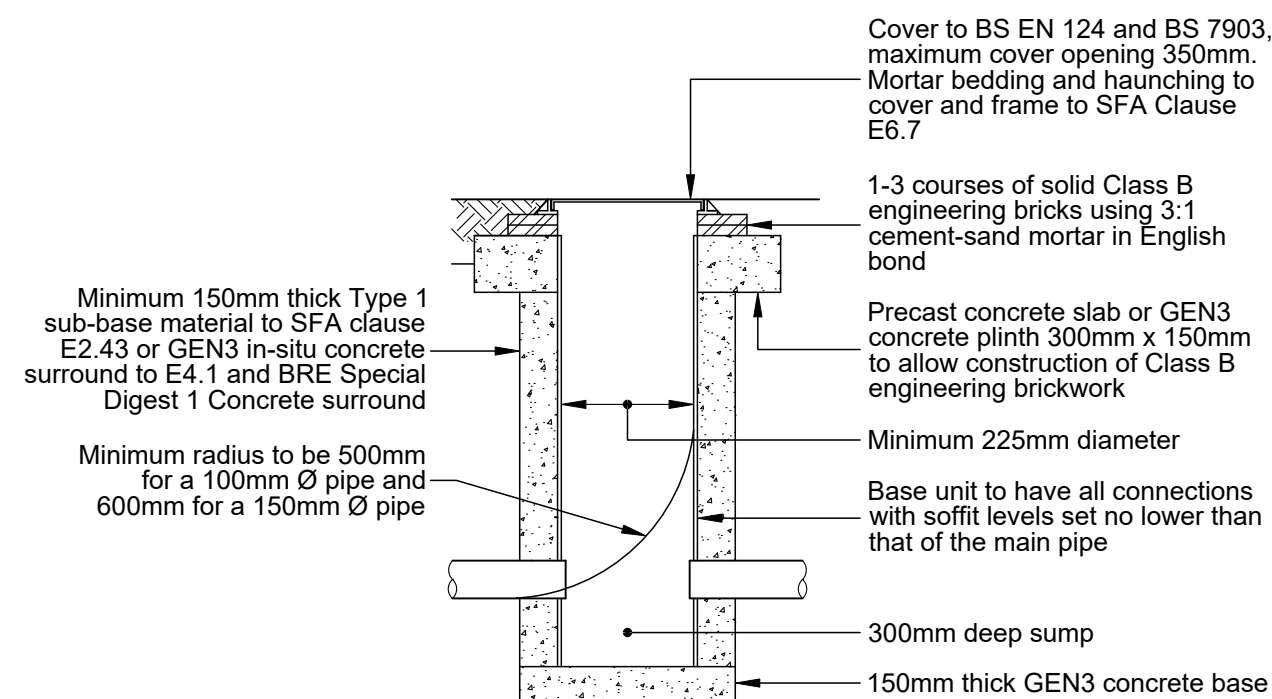
Section B-B



Typical Rain Water Harvest Butt



Typical Inspection Chamber
(no vehicle access)



Typical Prefabricated Catchpit
(no vehicle access)

- Notes.
1. Do not scale from this drawing.
 2. All dimensions are in meters unless otherwise stated.
 3. This drawing to be read in conjunction with all other relevant drawings and documents.
 4. All drainage to be constructed to SSG Design and Construction Guidance, current british standards and building regulations and other relevant standards.
 5. Exact locations of rain water downpipes and other internal drainage down pipes to be confirmed by architect / M&E engineer. Internal SV/VPs and other internal foul drainage to be designed by M&E engineer. Rain water pipe connections to have rodding access, sump and grated cover.
 6. Contractor to confirm locations of existing services prior to commencement on site and to arrange for any necessary diversions, lowering or protection works as required.
 7. All specialist drainage components such as the soakaway to be designed and installed as per manufacturers requirements.
 8. Cover levels to be confirmed by landscape architect. Cover levels and invert levels are in meters unless otherwise stated. If cover levels change from assumed then drainage design should be re-assessed, especially in regards to extreme events. All levels based on LiDAR data, to be confirmed following topographical survey. Cover levels to be confirmed by landscape architect. Cover levels and invert levels are in meters unless otherwise stated.
 9. Infiltration features to be positioned at least 1m above ground water table and focused infiltration features to be positioned 5m from buildings and 10m from other infiltration systems unless otherwise specified by a structural / geotechnical engineer.
 10. Private surface water pipes to be 150Ø with minimum fall of 1:100 unless otherwise stated.
 11. Private foul pipes to be 100mm Ø with minimum fall of 1:40 unless a WC is connected then minimum gradient 1:80, unless otherwise stated.
 12. Minimum cover to thermoplastic pipes in garden or patio areas 0.6m, in driveway 0.9m, in road 1.2m, otherwise concrete protection will be required.
 13. Access chamber cover class A15 for garden and patio, B125 for driveway, C250 for lightly trafficked roads or small private car parks.
 14. Foul discharge is to watercourse. If water levels within the watercourse rise above the outfall pipe then the system may not work as intended and may cause flooding.
 15. Assumed driveway to be permeable and patios to drain to landscaped areas.
 16. Design is for planning purposes only and not for construction. Design should be confirmed prior to construction to ensure all available information is considered and any assumed information should be verified.
 17. Design should be reviewed in light of any additional information or on validation or otherwise of any assumptions.

P01	12.08.25	Initial issue	NM	WW
Rev	Date	Detail	Drwn	Chkd

Client:
Monolith Homes Ltd.

Project:
56 Swansea Rd

Drawing Title:
Cross Sections

GeoSmart
Information

Suite 9-11, 1st Floor, Old Bank Buildings, Bellstone, Shrewsbury, SY1 1HU

Drawn by: NM	Checked by: WW	Date: Aug. 2025
Scale: N.T.S	Status: Preliminary	
Drawing No: 86468 102	Issue: P01	