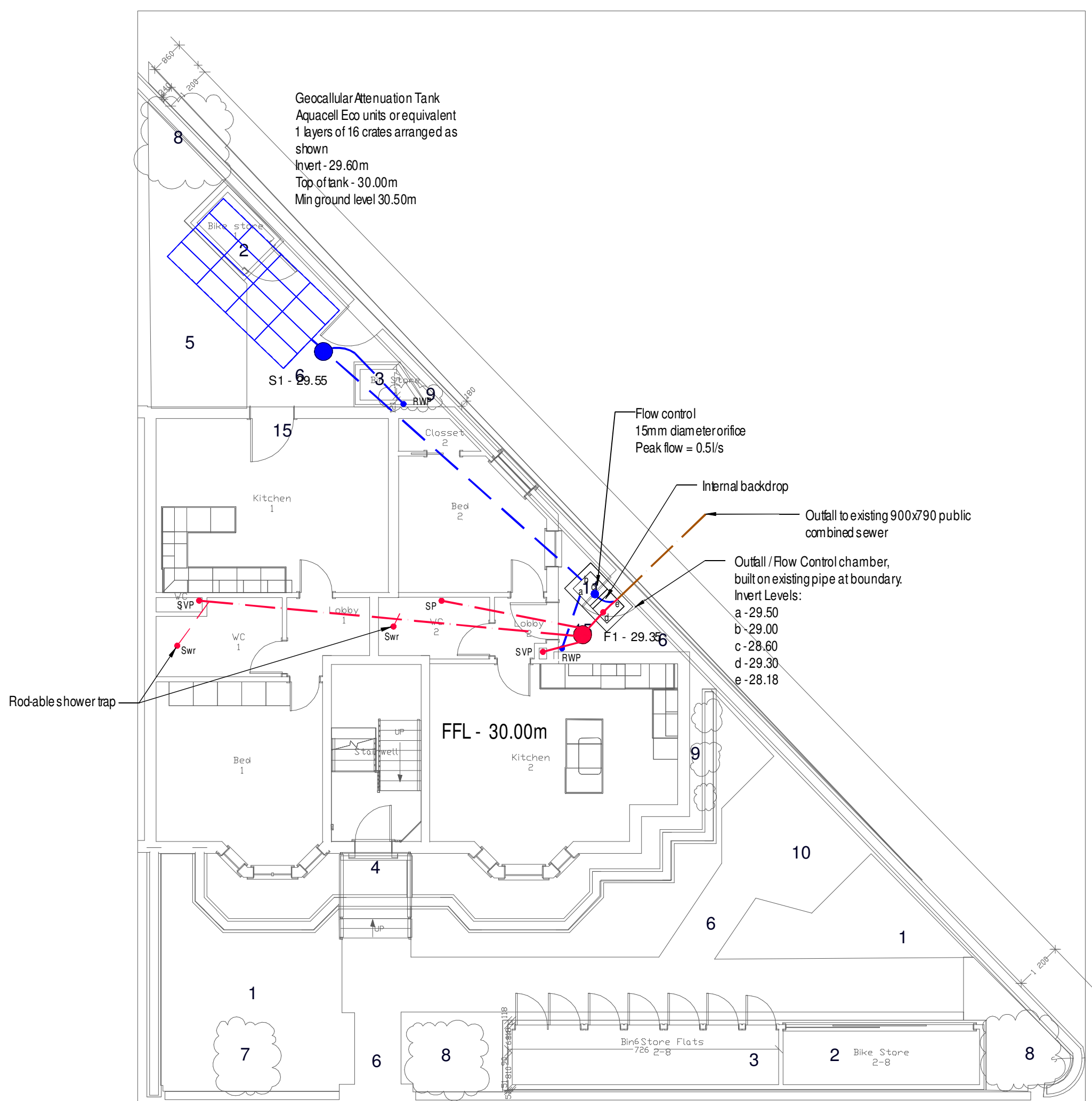
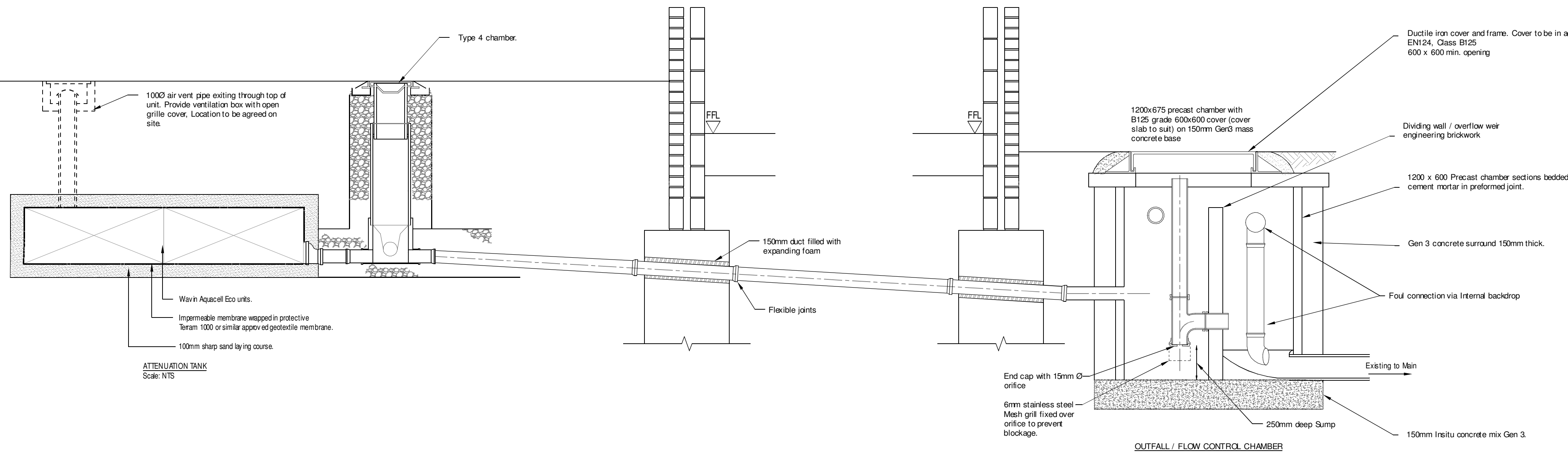
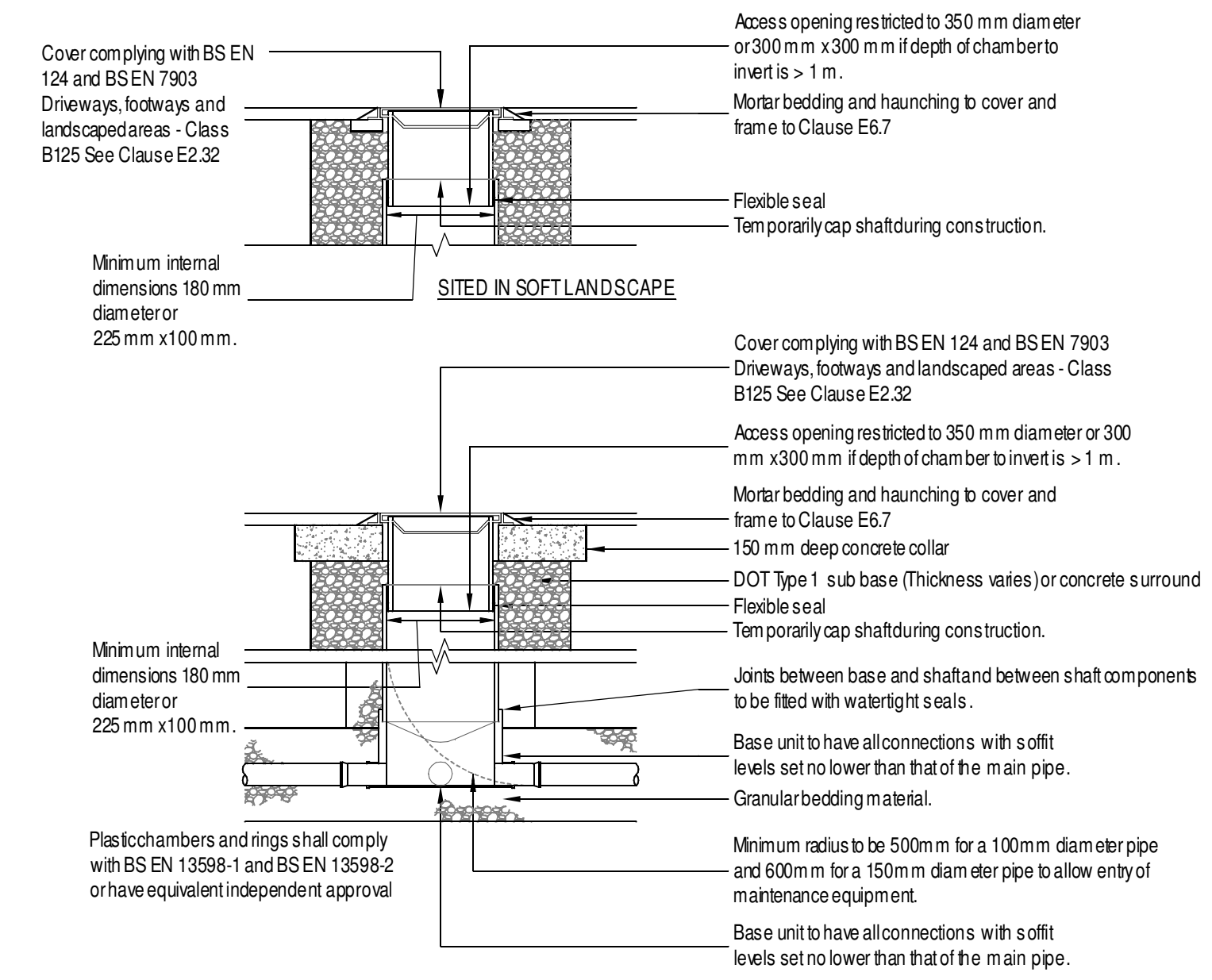
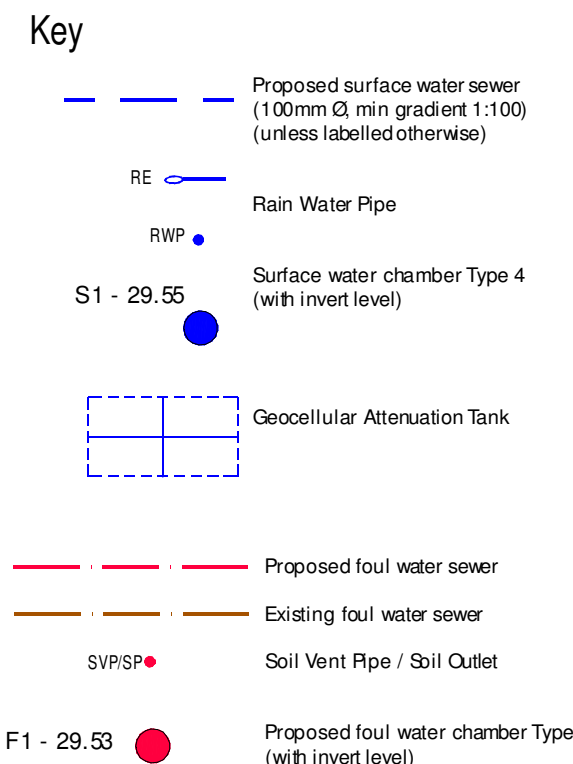


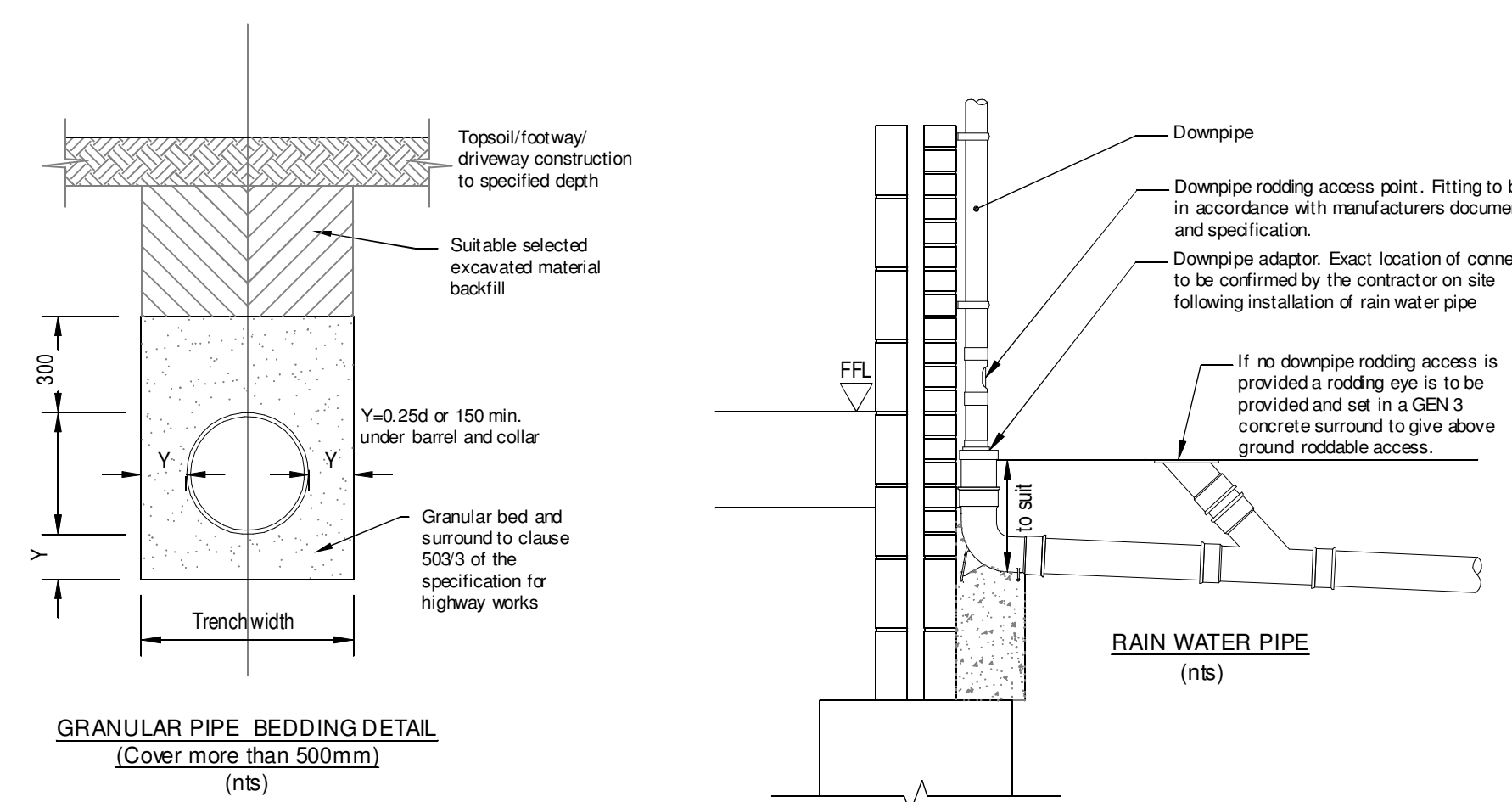
- AQUACELL INSTALLATION NOTES**
- Excavate the trench to the required depth ensuring that the plan area is slightly greater than that of the AquaCell Units.
 - Lay 100mm bed of coarse sand or non angular granular material, level and compact.
 - Lay the geotextile over the base and up the sides of the trench.
 - Lay the AquaCell Units parallel with each other. In multiple layer applications, wherever possible, continuous vertical joints should be avoided. AquaCell units can be laid in a brick bond formation (i.e. to overlap the joints below). For single layer applications use the Wavin Clips and for multi layers use the Wavin Clips and the Wavin Shear Connectors.
 - Fix the Wavin Adaptors to the AquaCell Units as required and connect pipework.
 - In order to prevent silt from entering the tank, clogging inlet pipework and reducing storage capacity, it is recommended that the Wavin Silt Trap (SLB500) is installed prior to the inlet pipework.
 - Wrap and overlap the geotextile covering the entire AquaCell structure.
 - Lay 100mm of coarse sand or non angular granular material between the trench walls and the AquaCell structure and compact.
 - Lay 100mm of coarse sand or non angular granular material over the geotextile and compact. Backfill with stone free as dug material.
 - Rainwater from roof areas may discharge directly into the soakaway but rainwater from carparks must discharge through a catchpit manhole or a petrol interceptor.



Drainage Layout
Scale 1:100 @ A1



Type 4 Flexible Material Inspection Chamber
Scale 1:25



- NOTES: DRAINAGE**
- This drawing to be read in conjunction with all relevant documents and specifications.
 - Dimensions not to be scaled.
 - The Contractor shall carry out a level check of the existing drainage and confirm the results to the Engineer for confirmation of the design, prior to the laying of any new drainage.
 - Covers & frames to existing chambers to be adjusted to suit new levels.
 - All manhole chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines.
 - This drawing details all below ground drainage up to finished floor level. For details of drainage above finished floor level, refer to Architect's drawings.
 - External private pipework may be either VC, thermoplastic structured wall sewer pipe, or PCVU to BSEN 13476 160, and shall comply with WS 4-35-01. Pipes shall be BS Kitemarked, or have equivalent third party certification.
 - All open drainage connections, s/vps, gullies, manholes, etc. shall be protected throughout the construction period to prevent the ingress of debris to the systems.
 - All drainage to be laid within ±10mm of the design invert levels and shall have a positive fall towards the outfall, no backfalls are permitted.
 - Pipe bedding and surround to be granular (type S).

P2	Flow control chamber rotated	06/02/24	MT
P1	Preliminary Issue	23/01/24	MT
Rev	Description	Date	Chkd
<p>t: 07837 685280 e: info@flowdrainagedesign.co.uk w: www.flowdrainagedesign.co.uk</p>			
Client:	Felix Hansen		
Project:	1 Eastfield Road		
Title:	Surface & Foul Water Drainage Layout & Details		
Project Engineer:	M. Taylor	Scale:	As Shown @A1
Project Director:		Date:	Jan 2024
Status:	PRELIMINARY		
Drawing No.	2407/01	Rev	P2