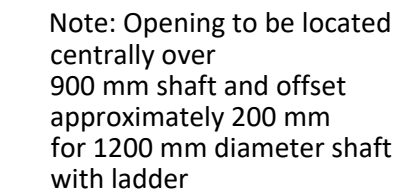
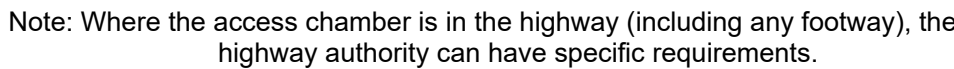


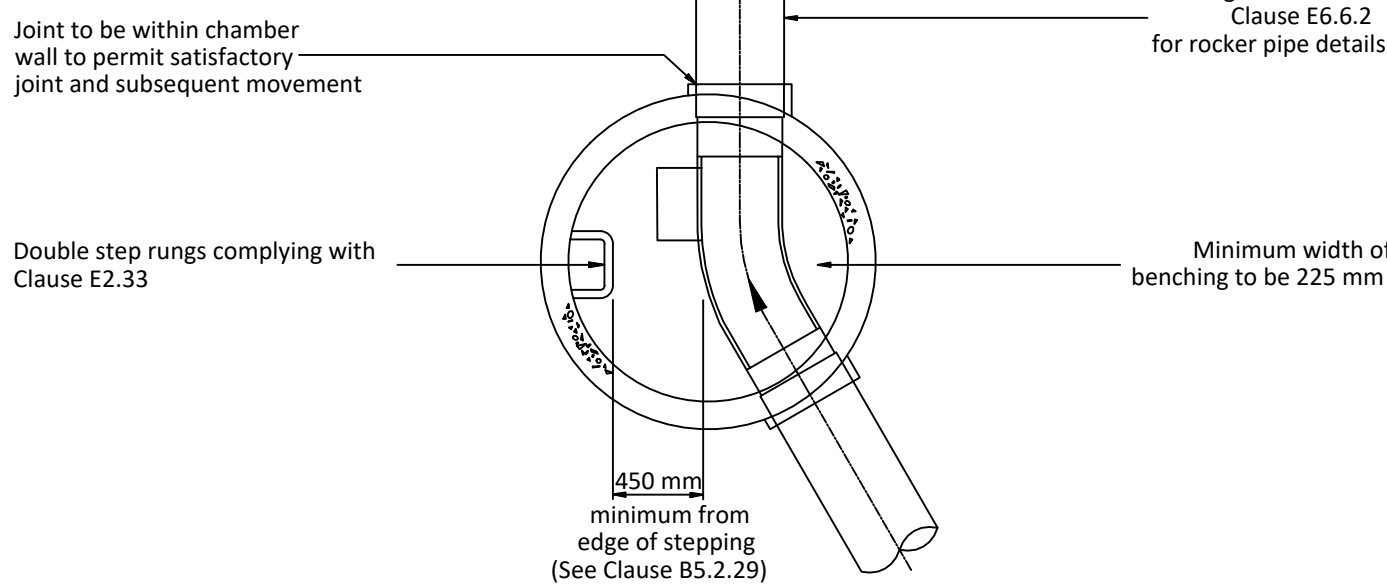
Type A2 PCC Chamber



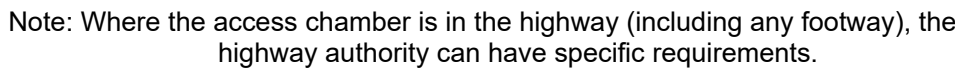
Type D Rectangular Chamber



Type B PCC Chamber



Type D Circular Chamber



1350mmØ Type C PCC Chamber

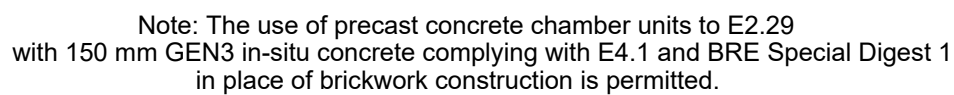
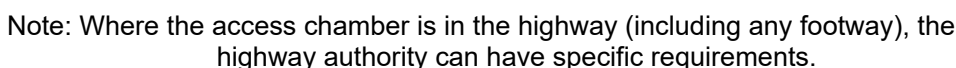


Diagram illustrating the construction details of a rain garden, showing the layers and components from the surface to the sub-base:

- 300mmØ PVC-U trapped yard gully with 110mmØ outlet (Wavin OsmaDrain or similar approved)
- Ø215 grated hinged cover set 50mm above mulch layer to function as overflow
- 200mm depth sandy soil (70% sand, 30% topsoil)
- 20-30mm stone/slate mulch
- Kerb inlet (see 07040-CE-0140 for details)
- 100mmØ pipe connecting rain garden inspection chamber to surface water drainage system
- Non-woven Geotextile (Terram 1000 or similar approved)
- 200mm type 3 clean stone
- 60mmØ perforated pipe wrapped in geotextile
- Type 1 sub-base

Type D Circular Chamber - Alternative Top Details



These drawings have been produced with reference to the CDM Regulations 2015.
Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.

1. Do not scale from this drawing.
2. All dimensions in metres and levels in metres above ordnance datum Newlyn (MAOD) unless stated otherwise.
3. This drawing is to be read in conjunction with all other relevant Engineering and Architect's details.
4. The design details presented must be reviewed in conjunction with the wider site information and site constraints which may not be evident on drawings and requested in writing if not already provided. This includes, but is not limited to, ground conditions (geotechnical and environmental), groundwater levels, buried services, remnant obstructions, ecology, tree protection, and topography.
5. The Engineer shall be notified immediately, in writing, should any errors or discrepancies be noted prior to the commencement or continuation of any works.
6. Drawing is based on topographical survey conducted by Geopoint Ltd (ref. Geo22-132, dated October 2022).
7. Details of existing sewers are based on drainage survey undertaken by Solum Surveying Ltd (ref. 12676-R0 dated 21/06/2024).
8. Site layout is based on RDT Architects drawing (ref. 13777-DR07-ZX-DR-01-101 Rev P1 dated 21/07/2024) provided by Aspire LLP on 01/08/2024.
9. Building drainage points based on RDT Architects Proposed Drainage Sketch dated 31/07/2024 provided by Aspire LLP on 01/08/2024.
10. Levels at site entrance based on tie-in to RGS S278 site access junction proposals (ref. 6804-RGP-020-DR-C11 Rev P01 dated 21/07/2024) provided by Aspire LLP on 25/07/2024.
11. Where shown, road protection areas are based on those included within RDT Architects site layout (ref. 13777-DR07-ZX-DR-01-100 dated 21/07/2024) provided by Aspire LLP on 01/08/2024.
12. All work is to be carried out in accordance with current British Standards, Building Regulations, and Sewerage Sector Guidance as appropriate.
13. It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974 provided the CDM Regulations for full compliance. The Contractor will be deemed to have allowed for full compliance within their rates.
14. Any existing details which are shown on this drawing are for guidance only and are to be checked on site by the Contractor. Any variations shall be recorded and reported to the engineer immediately.
15. The Contractor shall undertake appropriate on-site investigations to confirm the presence of underground utilities prior to any excavation.

P2	06/09/2024	UPDATED TO SUIT REVISED SITE LAYOUT	JG	DS	DmC
P1	28/08/2024	UPDATED TO CLIENT COMMENTS	BK	DF	DmC
P0	16/08/2024	FIRST ISSUE	JG	DS	
Rev	Date	Revision Note	Drwn	Chk	Appr



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Client

Aspire LPF

Project

382 Longleaze Lane, Melksham

Title

Drainage Construction Details

Sheet 1 of 2

Drawing Issue Status

For Planning

PJA Ref	Scale @ A1	Date
07040	NTS	29.05.24

Drawing No.	Revision
07040-CE-0511	P2

Primary Contact
joe.garlick@pja.co.uk