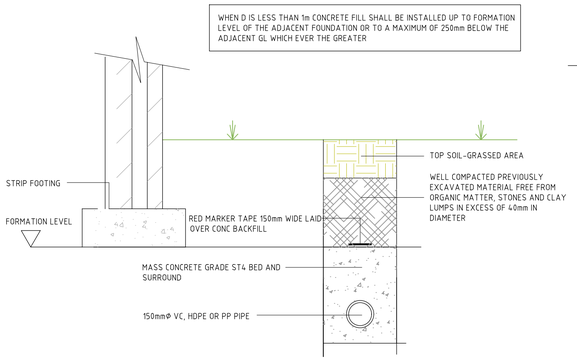
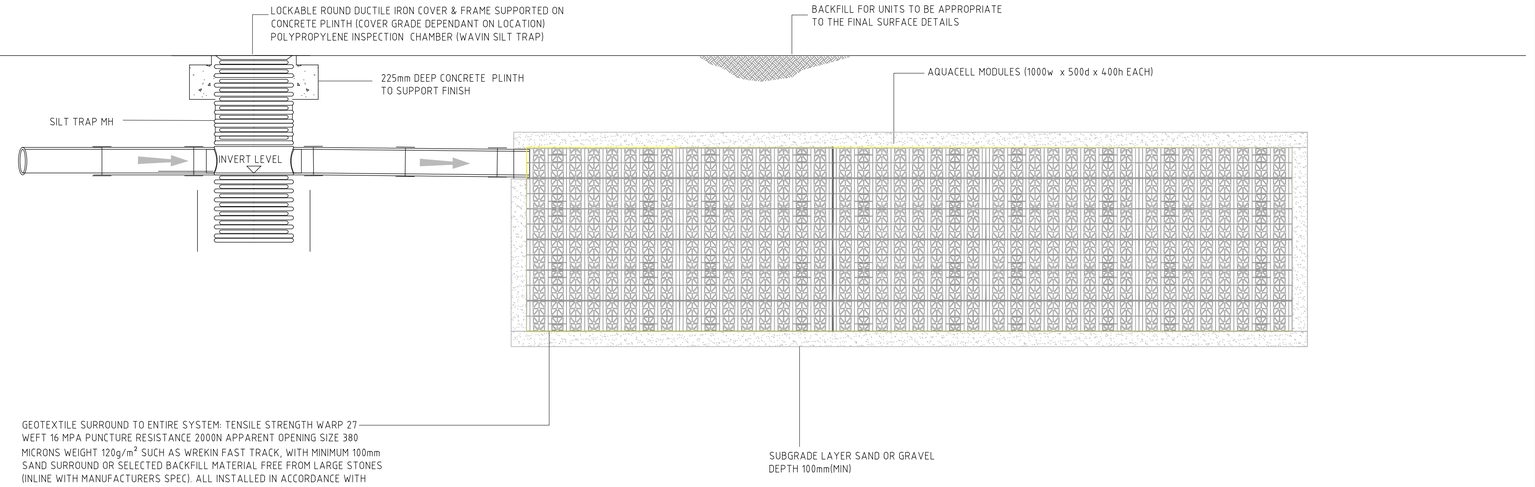
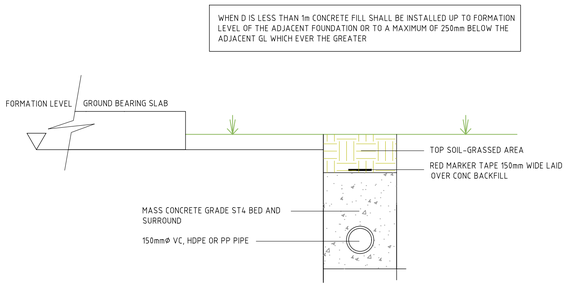


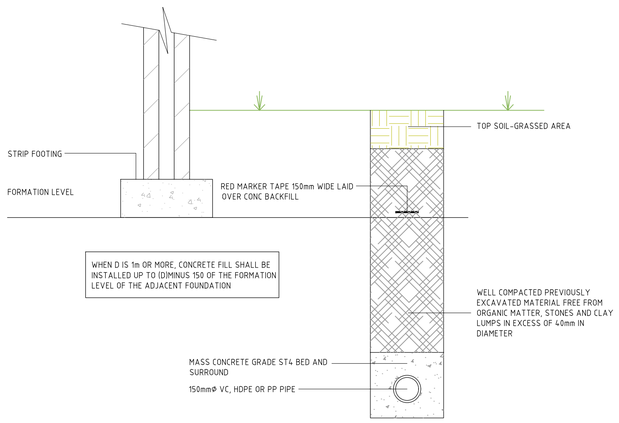


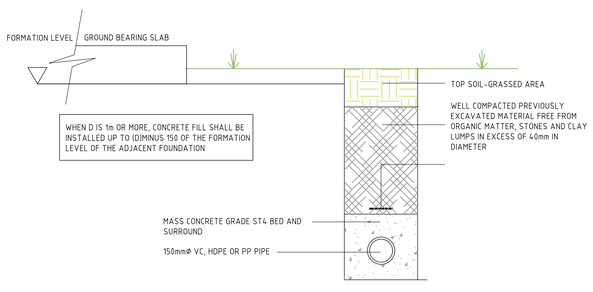
TYPICAL SECTION THROUGH SURFACE WATER SOAKAWAY

MODULAR INFILTRATION UNITS (AQUACELL)

1:25

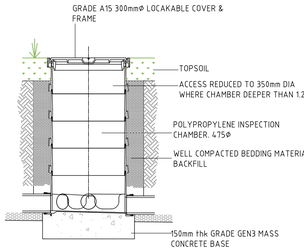






PIPEWORK PROTECTION DETAILS FOR RUNS ADJACENT BUILDING FOUNDATIONS

1:20



SECTION THROUGH 475Φ POLYPROPYLENE INSPECTION CHAMBER SITUATED IN SOFT LANDSCAPED AREAS - 3m MAX DEPTH (450 & 600Φ SIMILAR)

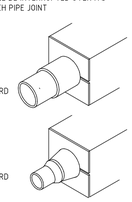
1:20

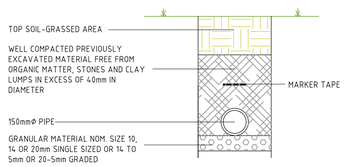
PROTECTION NOTE:

MINIMUM DEPTH OF COVER TO CROWN WITHOUT CONCRETE PROTECTION SHOULD BE AS FOLLOWS:

- DOMESTIC GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS, 0.6M;
- DOMESTIC DRIVEWAYS, PARKING AREAS AND YARDS WITH HEIGHT RESTRICTIONS TO PREVENT ENTRY BY VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES, 0.9M;
- 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;
- OTHER HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES, 1.2M

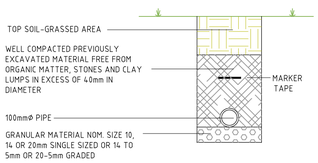
CONCRETE PROTECTION SHALL BE INTERRUPTED OVER ITS FULL CROSS SECTION AT EACH PIPE JOINT





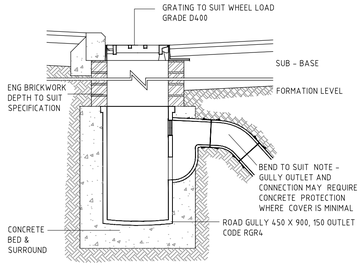
TYPICAL SECTION THROUGH PIPE SITUATED IN SOFT LANDSCAPED AREA

150mmΦ VC PIPE SHOWN (HDPE & PP SIMILAR)
CLASS F BEDDING FACTOR 1.9
1:20



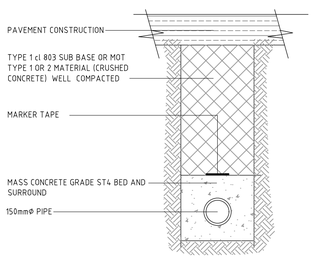
TYPICAL SECTION THROUGH PIPE SITUATED IN SOFT LANDSCAPED AREA

100mmΦ VC PIPE SHOWN (HDPE & PP SIMILAR)
CLASS F BEDDING FACTOR 1.9
1:20



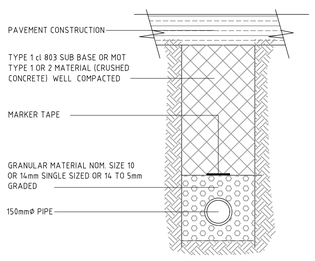
TYPICAL ROAD GULLY CONNECTION DETAIL

1:20



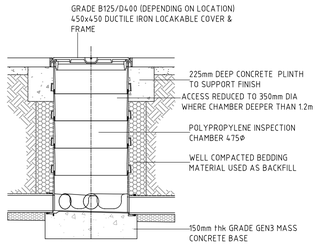
TYPICAL SECTION THROUGH PIPE SITUATED IN PROPOSED ROADWAY AREAS WITH CONCRETE PROTECTION

150mmΦ VC PIPE SHOWN (HDPE & PP SIMILAR)
MODIFIED CLASS A
1:20



TYPICAL SECTION THROUGH PIPE SITUATED IN PRIVATE ROADWAY AREAS

150mmΦ VC PIPE SHOWN (HDPE & PP SIMILAR)
CLASS S BEDDING FACTOR 2.5
1:20



SECTION THROUGH 475Φ POLYPROPYLENE INSPECTION SITUATED IN HARD LANDSCAPED AREAS - 3m MAX DEPTH (450 & 600Φ SIMILAR)

1:20

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NOTES

1. This drawing is copyright. Refer to details above.
2. This drawing is only to be used for the purposes described in the status box below.
   Work to figured dimensions only, do not scale for construction purposes.
3. This drawing is to be read in conjunction with all other drawings, details and specifications pertaining to the work described. It should only be used for the purpose marked in the status box below, and shall not be used for construction unless clearly marked CONSTRUCTION.
4. Materials and workmanship shall comply to the appropriate British Standards and Codes of Practice unless otherwise stated.
5. The activities required to construct the work, shown on drawings clearly marked CONSTRUCTION, may be subject to the provisions of the Construction (Design & Management) Regulations 2015. The Contractor and Client must ensure that they are adequately conversant with these regulations and that the appropriate procedures required under the regulations are observed at all times.
6. The contractor is responsible for locating services prior to excavation. Any services shown on the drawing should be considered 'indicative' only. Where no services are shown on the drawing it does not necessarily mean there are no services present, only that a services search has not been undertaken. Where in doubt refer to HSE booklet "avoiding danger from underground services"
7. Design Risk Assessment

   A risk assessment relating to potential hazards associated with the works described within this drawing, in so far as they have been designed by EDS Ltd, has been undertaken. Risks identified have been eliminated by design wherever practicable. The status with regard to residual risks is as follows:

   The work is of low complexity with low level of risk; it is considered that there are no significant residual risks that would not be readily foreseeable by a competent contractor, observing good working practices.

Designer - EDS Drawing revision - A
Date - 26/03/24

DATE	DRWN.	CHKD.	REV.	NOTES.
26/03/24	LT	---	A	PRELIMINARY ISSUE

PROJECT MANAGER:-	JAN CLARK
PROJECT ENGINEER:-	LEILA THOMPSON
DRAWN DATE:-	MARCH 2024
SCALE & SHEET SIZE:-	1:100 @ A1

PRELIMINARY

EDS
Engineering & Development Solutions
- Flood Risk Assessment
- SuDS and Surface Water
- Foul and Sewage Treatment
- Highway Design
- Civil Engineering
- Statutory Approvals

EDS, Unit E4, Threemilestone Industrial Estate, Threemilestone, Truro, Cornwall TR4 9LD (01872) 306311 (Mob) 07973816457
Email: jan@eadsolutions.co.uk
www.eadsolutions.co.uk

CLIENT
COMMUNITY ROOTS PORTHTOWAN

PROJECT
COMMUNITY ROOTS PROJECT

DRAWING TITLE
TYPICAL DETAILS

PROJECT No.	DRAWING No.	REV.
J-3390	3401	A