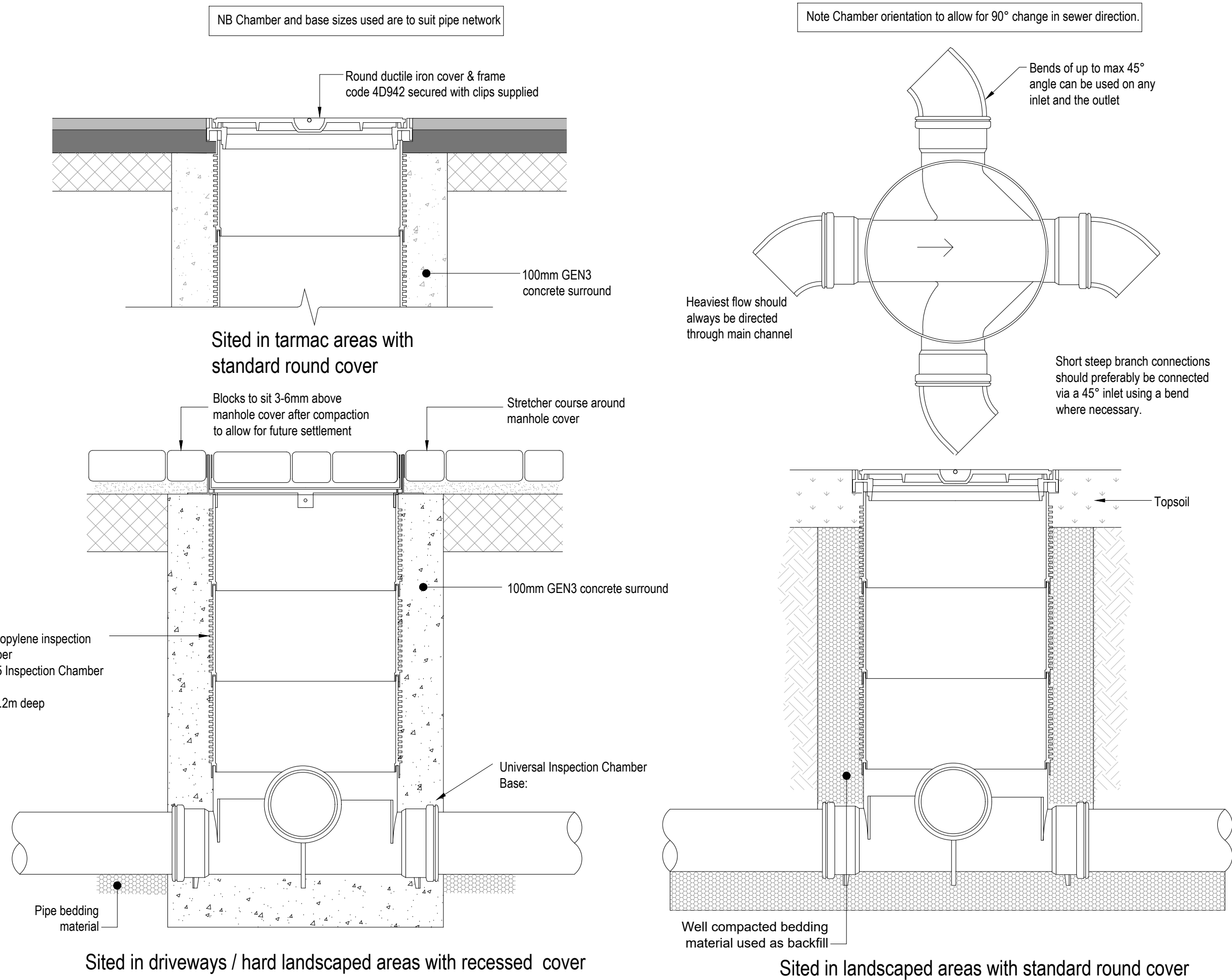
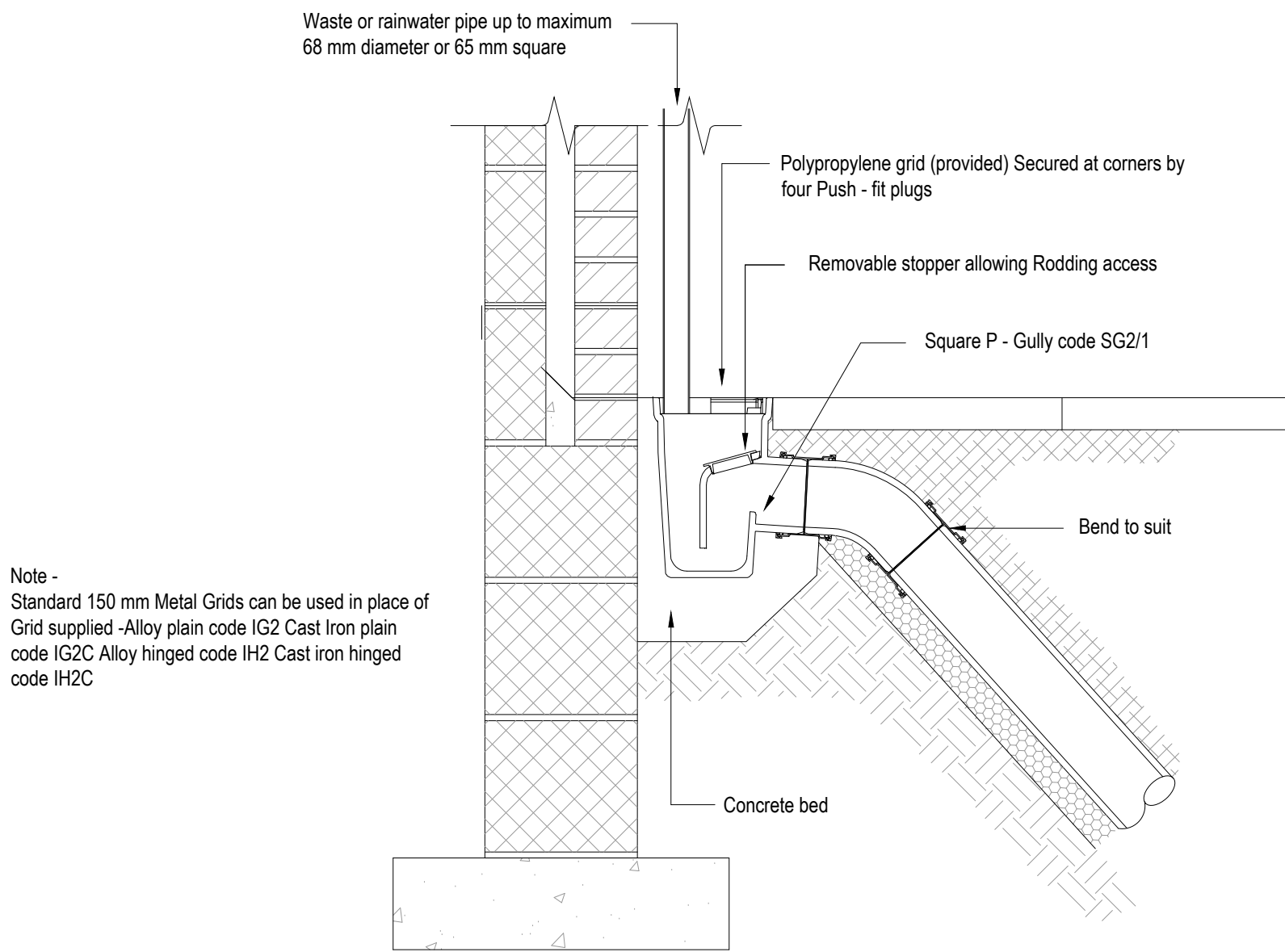
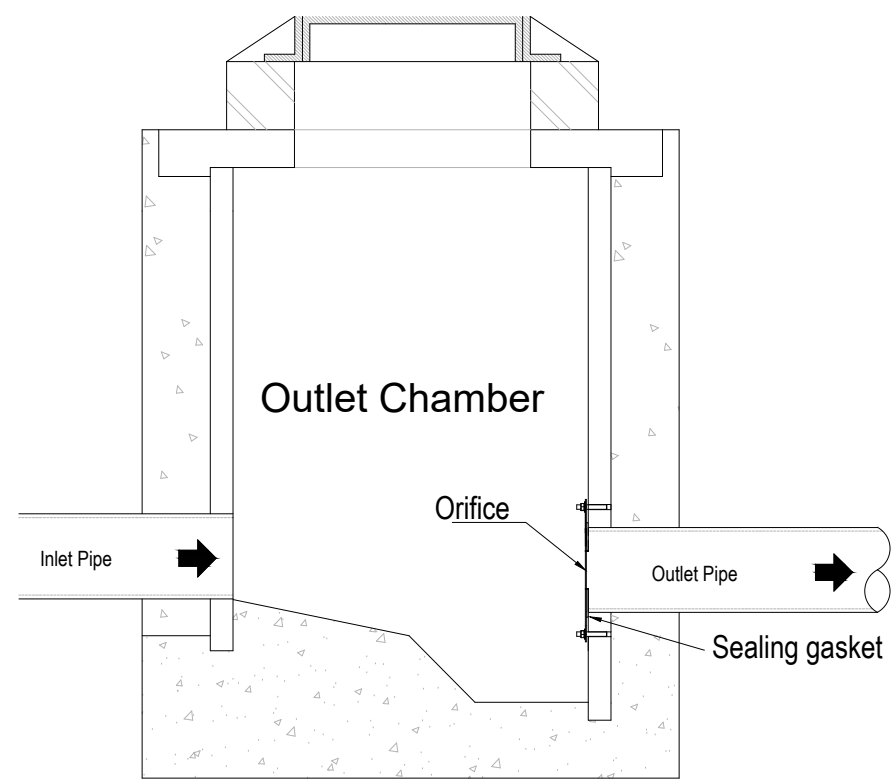




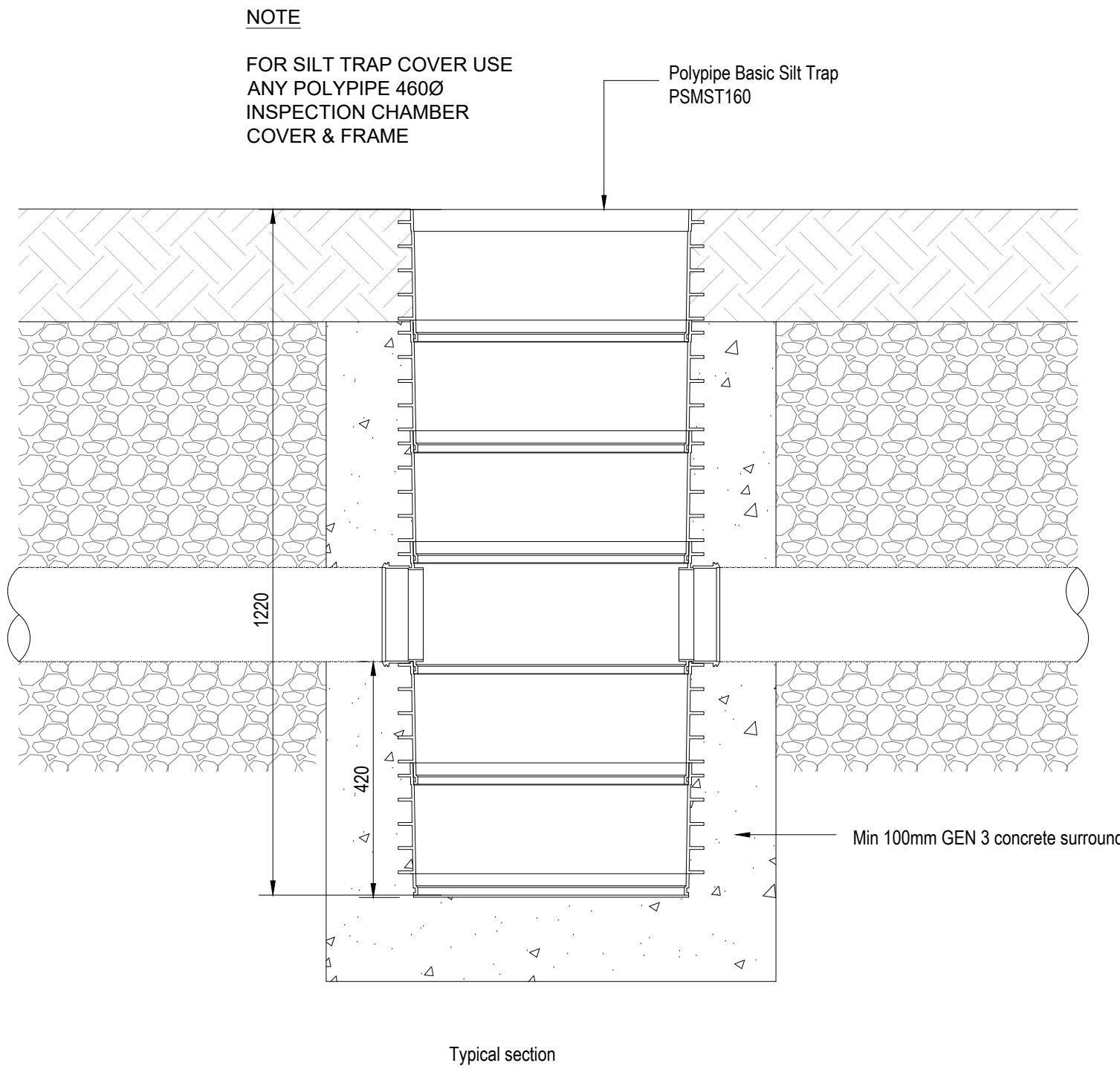
POLYPROPYLENE INSPECTION CHAMBER



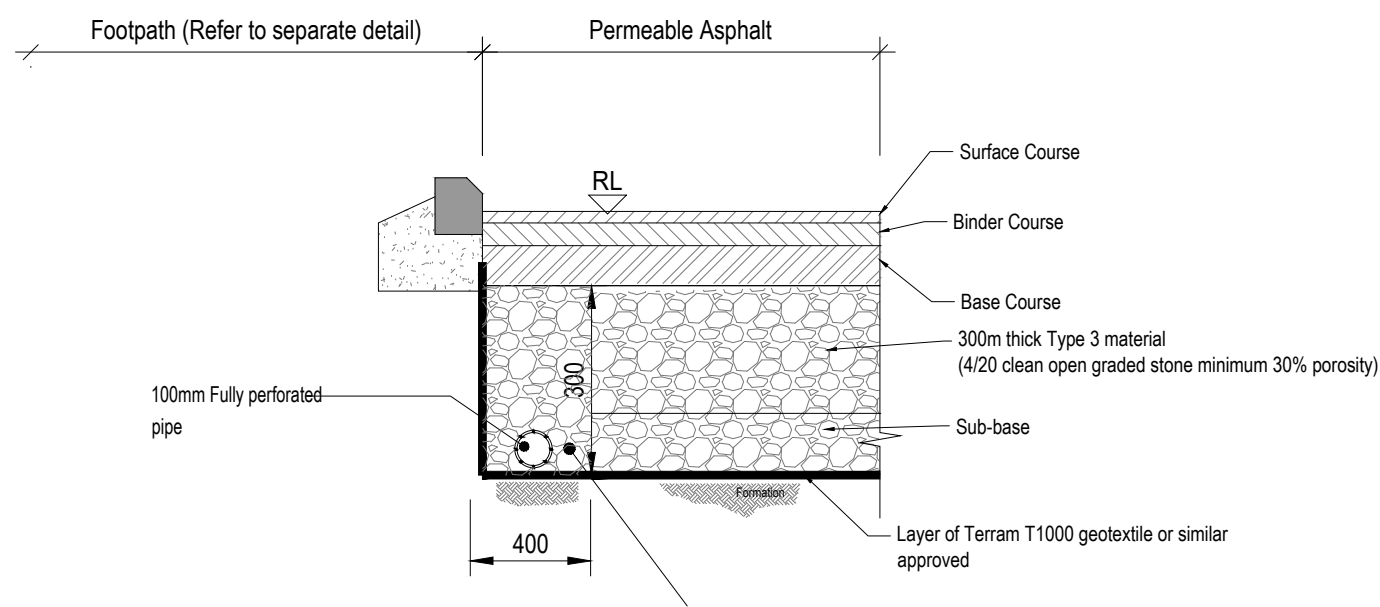
EXTERNAL RAINWATER PIPE W/TRAPPED GULLY CONNECTION DETAIL



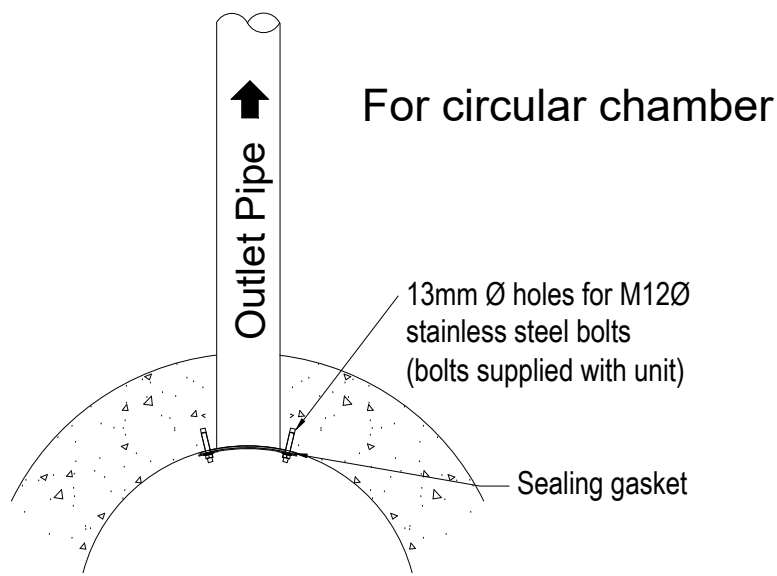
TYPICAL ORIFICE FLOW CONTROL DEVICE CONSTRUCTION



POLYPROPYLENE INSPECTION CHAMBER CATCHPIT DETAIL



PERMEABLE CAR PARKING BAY CONSTRUCTION



- Construct the chamber that is to house the ACO Q-Plate.
- Offer the ACO Q-Plate unit up to the outlet pipe. Ensure the unit is upright (arrow pointing vertically up). Mark the position of the fixing holes on the chamber wall. Remove the unit and drill the fixing holes, to suit the M12 bolts supplied with the unit. (Note bolts are Rawlbolt R-XPT-S stainless steel M12 bolts requiring a hole 13mm diameter and 60mm deep).
- Place bolts into the drilled holes. Locate the ACO Q-Plate onto the bolts (again check it is upright). Ensure that the gasket is flat against the wall. Fit the nuts and tighten them to pull the unit against the gasket and seal it against the wall.

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This drawing must not be scaled. Use figured dimensions only. If in doubt ASK!

This drawing is to be read in conjunction with all relevant AKSWard drawings and specifications prefixed L251040

Notes:

- Invert levels and positions of existing drains / chambers / sewers where new connections are to be made must be checked and confirmed to the engineer prior to the commencement of any works.
- Any part of the existing drainage system to be retained as part of the new scheme shall be cleaned and inspected. Any structural defects shall be repaired using appropriate and approved means.
- All drainage works shall be carried out in accordance with the requirements of the Local Authority and in conjunction with all relevant British Standards, Code for Adoption and Sewerage Sector Guidance May 2021 and any Anglian Water addendums as appropriate.
- All drainage shall comply with the typical details and the requirements of BS EN 752 and Part H of the Building Regulations.
- For setting-out dimensions of SVP's, RWP's etc, refer to Architect's or Mechanical Engineer's drawings. Positions shown are indicative and subject to final design.
- All runs connecting into the public drainage network to be vitrified clay, extra length to BS EN 295 or BS65 with plain sleeved or socketed flexible joints.
- All precast concrete units used in the drainage works shall be manufactured using sulphate resisting cement.
- Manhole covers and frames shall be to BS EN 124 and shall be Kitemarked. Covers and frames shall be heavy duty D400 in carriageways and vehicular areas and medium duty B125 in footways and soft landscaping. All Adoptable Manhole Covers shall be heavy duty D400.
- MH covers in paved areas to have cover & frame orientated 'square' with paving to minimise cut slabs or blocks. Blocks to be bedded in epoxy resin mortar. All recessed covers shall in accordance with the FACTA specification and load ratings.
- Cover levels are to be adjusted locally to suit finished ground levels.
- All threshold drainage channels to be ACO MD100SD and general drainage channels to be ACO MD100D.
- Where new sewers are constructed within 5m of a new or existing tree the sewer shall be concrete encased against root intrusion. Refer to drainage details.
- All new drainage to be jetted and CCTV surveyed on completion and tested in for water tightness by a suitable method in accordance with Part H of the Building Regulations and the Specification. Contractor to make sure that the drainage is fully operational. Refer to drainage maintenance manual for maintenance details.
- Refer to drainage maintenance manual for maintenance requirements.
- HEALTH AND SAFETY: The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation. Operatives shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.

P01	First issue for planning	MW	KL	20/03/26
Rev.	Amendment	Dm	Chkd	Date

Drg Status	PRELIMINARY	Suitability	S2
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AKSWard²

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Client **Eastleigh Borough Council**

Project **Maple Place
Chamberlayne Road, Eastleigh
SO50 5HX**

Title **Drainage Details
Sheet 2**

Scales	A1 @ NTS	Project No.	L251040
Reviewed Scheme	KL	Date	20/03/2026
Reviewed Final	-	Date	-

Project Ref	Originator	Zone	Level	Type	Role	Drg No	Rev.
MPE - AKSW-XX - XX-DR - C - 9252	-P01						