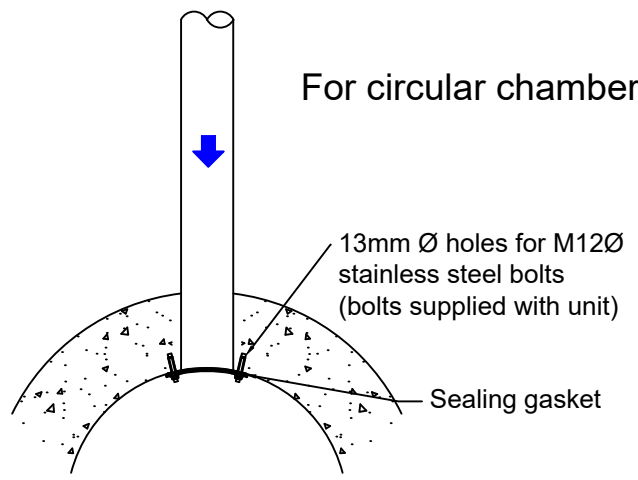
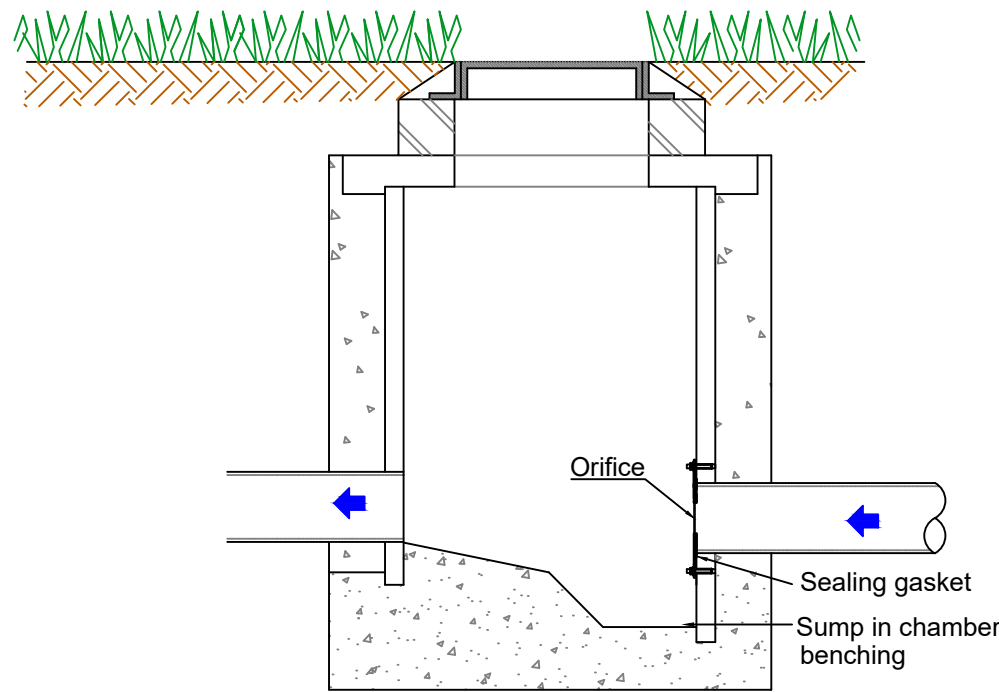


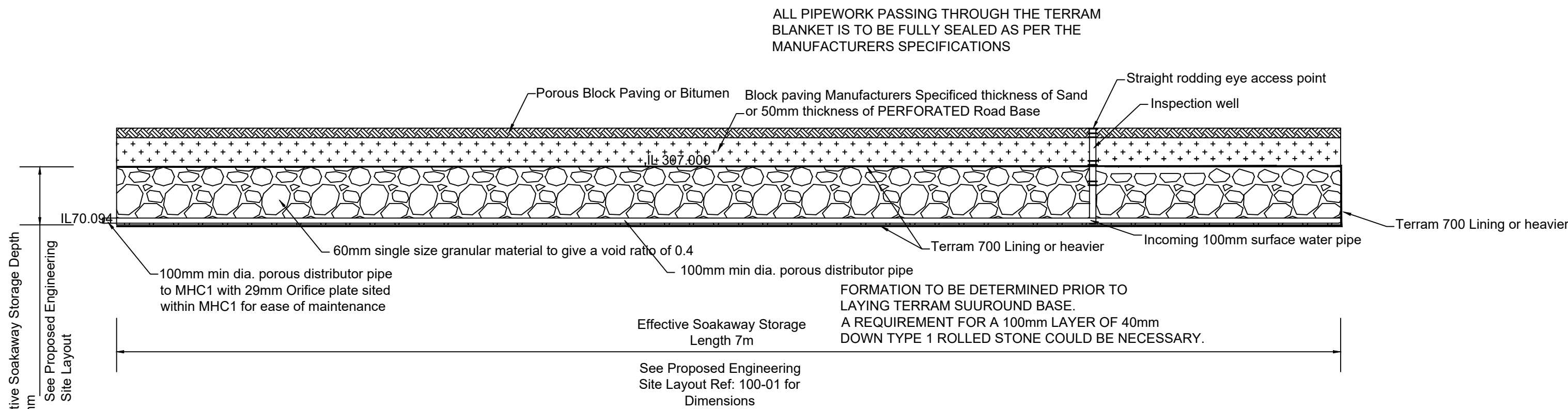
1. Construct the chamber that is to house the ACO Q-Plate.
2. Offer the ACO Q-Plate unit up to the outlet pipe. Ensure the unit is upright (arrow pointing vertically up). Mark the position of the fixing holes on the chamber wall. Remove the unit and drill the fixing holes, to suit the M12 bolts supplied with the unit. (Note bolts are Rawlbolt R-XPT-S stainless steel M12 bolts requiring a hole 13mm diameter and 60mm deep).
3. 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.



ORIFICE SIZE = 26mm
OUTLET PIPE SIZE = 100mm



PROPOSED ORIFICE OUTLET
DETAILS
NOT TO SCALE:



CAR DRIVEWAY
SUDS POROUS PAVING DETAIL (NON-INFILTRATION OUTLET)
NOT TO SCALE:

- Dimensions are not to be measured from this drawing.
- All levels shown are in metres unless otherwise shown.
- This drawing is to be read in conjunction with all relevant Infrastructure Design drawings.
- The position and levels of all existing Public Sewers & Private drains are to be confirmed on site prior to the commencement of the works and any discrepancies reported immediately to the engineer.
- Any necessary private drainage work is to be constructed in accordance with th latest edition of the Building Regulations Part H (Drainage & Waste Disposal) and to BSEN752 (Building Drainage).
- Any required drainage connections to existing public sewers are to be made to the satisfaction of the Sewerage Undertaker Via the Part 1 & 2 Application procedures.
- Existing drains being abandoned are to be dealt with in the following manner:
 - Within 1.0m of proposed ground levels, drains are to be grubbed out.
 - Deeper than 1.0m of proposed ground levels drains are to be grouted with a 1:10 cement:sand:mix.
- Any existing gully connections being abandoned are to be sealed with a concrete plug not less than 300mm thick at a level of 1.0m below ground.
- Concrete protection of pipework is to be provided as follows:-
 - All pipework within pedestrian / soft areas with a cover less than 600mm.
 - All pipework beneath areas subject to vehicular overrun with a cover less than 1.2m
- All pipework within manholes are to be laid soffit to soffit.
- Any co-ordinate information regarding manholes is to the centre of the manhole
- Cover levels of the manholes are provisional and subject to adjustment to suit the finished ground levels.
- The use of short radius bends for changes in direction is not permitted, only long radius bends or 2 No. are to be used.
- Connections to carrier drains are to be "Y" junctions.
- Manhole covers and frames are to be in accordance with BS EN 124 and the following criteria:-

Vehicular areas : Class D400 double triangular 150mm (min) deep ductile iron cover & frame with three-point cover seating
Pedestrian areas only : Class B125 double triangular 100mm (min) deep ductile iron cover & frame with three-point cover seating.
- All non-adoptable foul and surface water pipes to be 100 diameter unless noted otherwise.
- Proposed 300/450mm diameter inspection chambers to be laid at a maximum depth of 3000mm below GL.
- Installation of all pipework, manholes, gullies & channels etc are to be laid to manufacturers specification.

A	ISSUED FOR CONSTRUCTION.	07/08/25	DS
REV	AMENDMENTS	DATE	DRAWN

CLIENT:

MAGA PROJECTS

project title
DEVELOPMENT AT: 1 LISTER ROAD
MIDDLETON
LANCASHIRE
M24 4RB

drawing title		scales	
PROPOSED DRAINAGE CONSTRUCTION DETAILS SHEET 1/2		1:100 @ A1	
		date	7 August 2025
Drawn	BM	Checked	DS
Approved	TJ	ref	LR/M/L/100-03
		rev	A

TA ENGINEERING
STRUCTURAL DESIGN