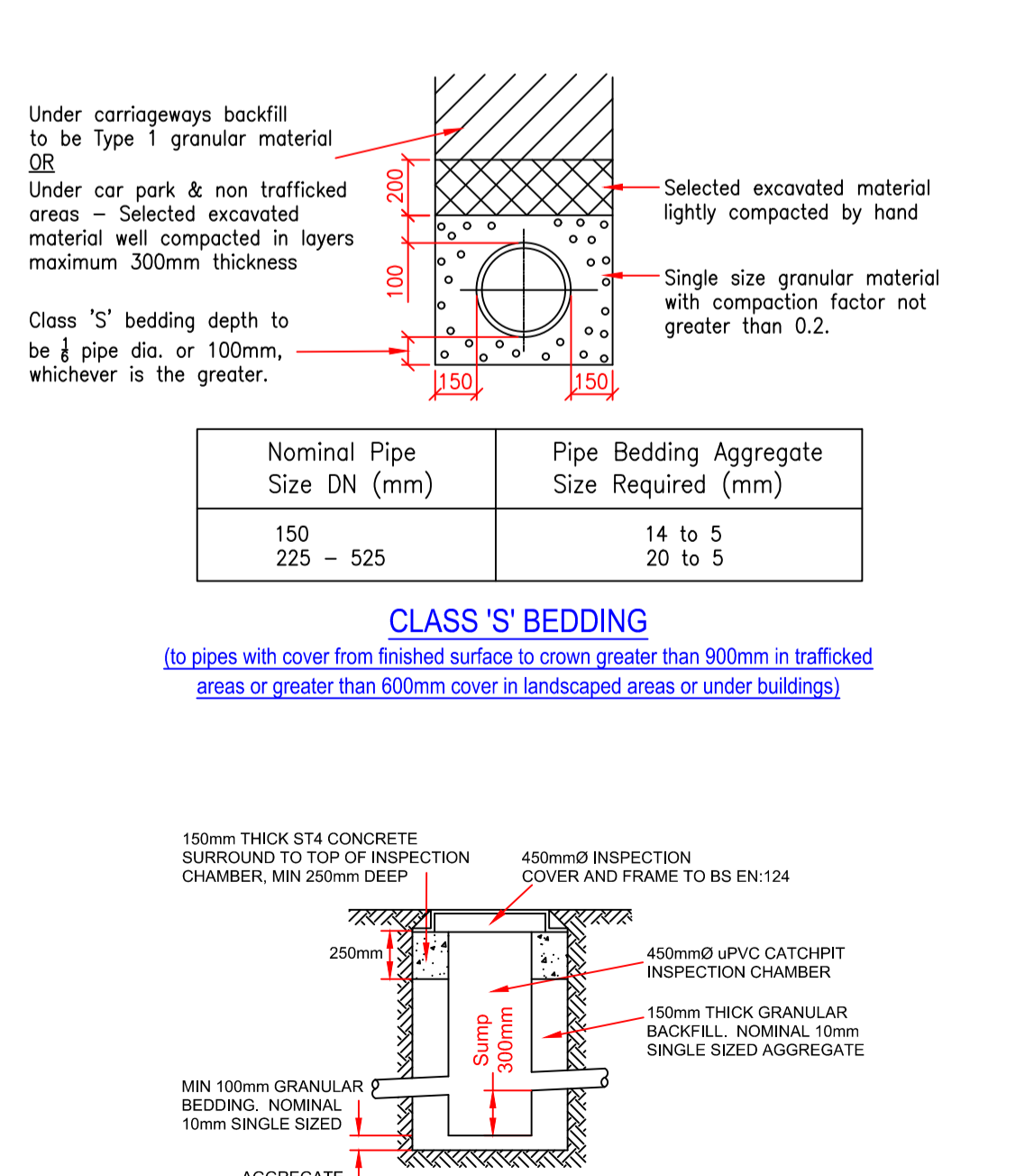
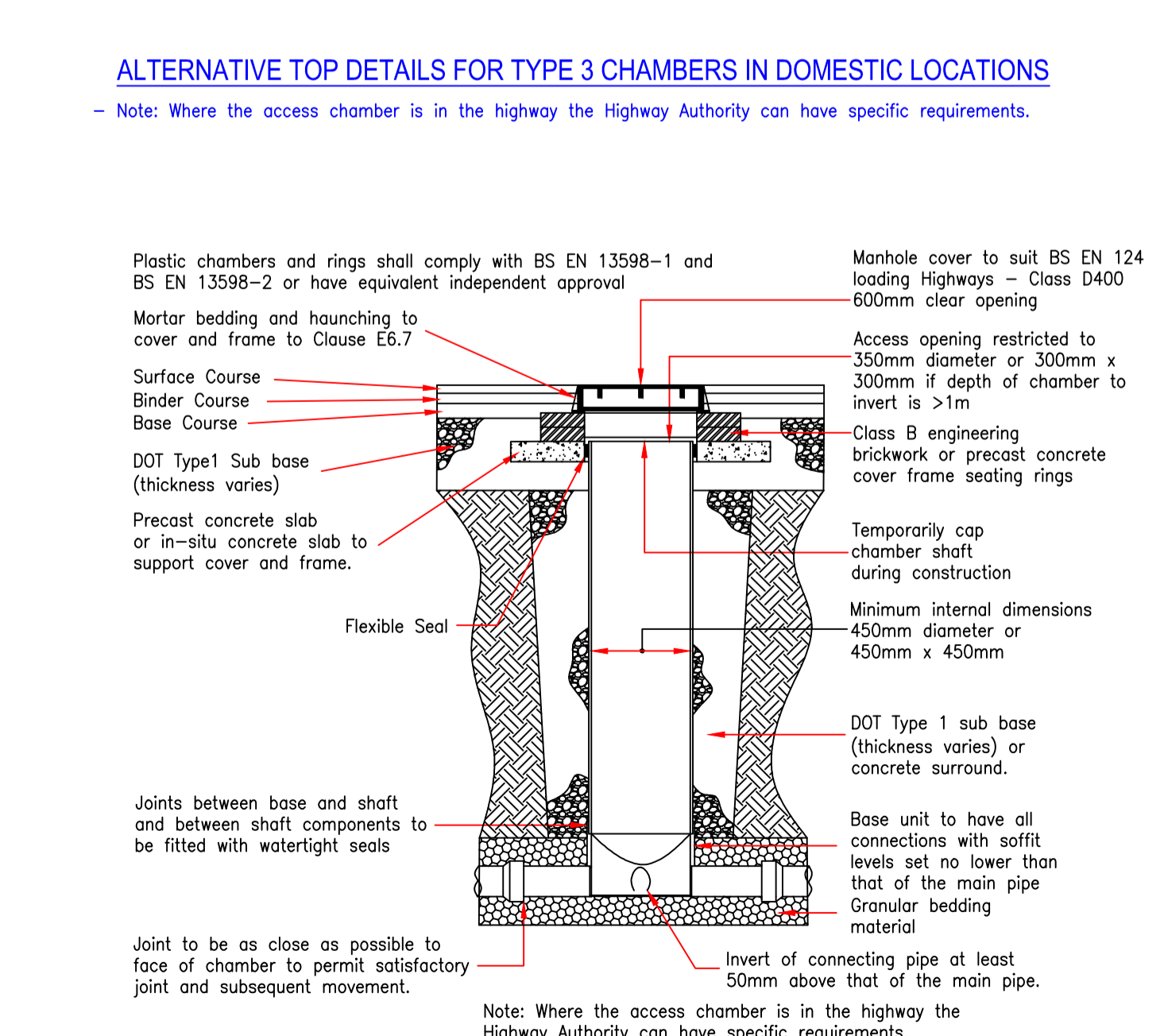
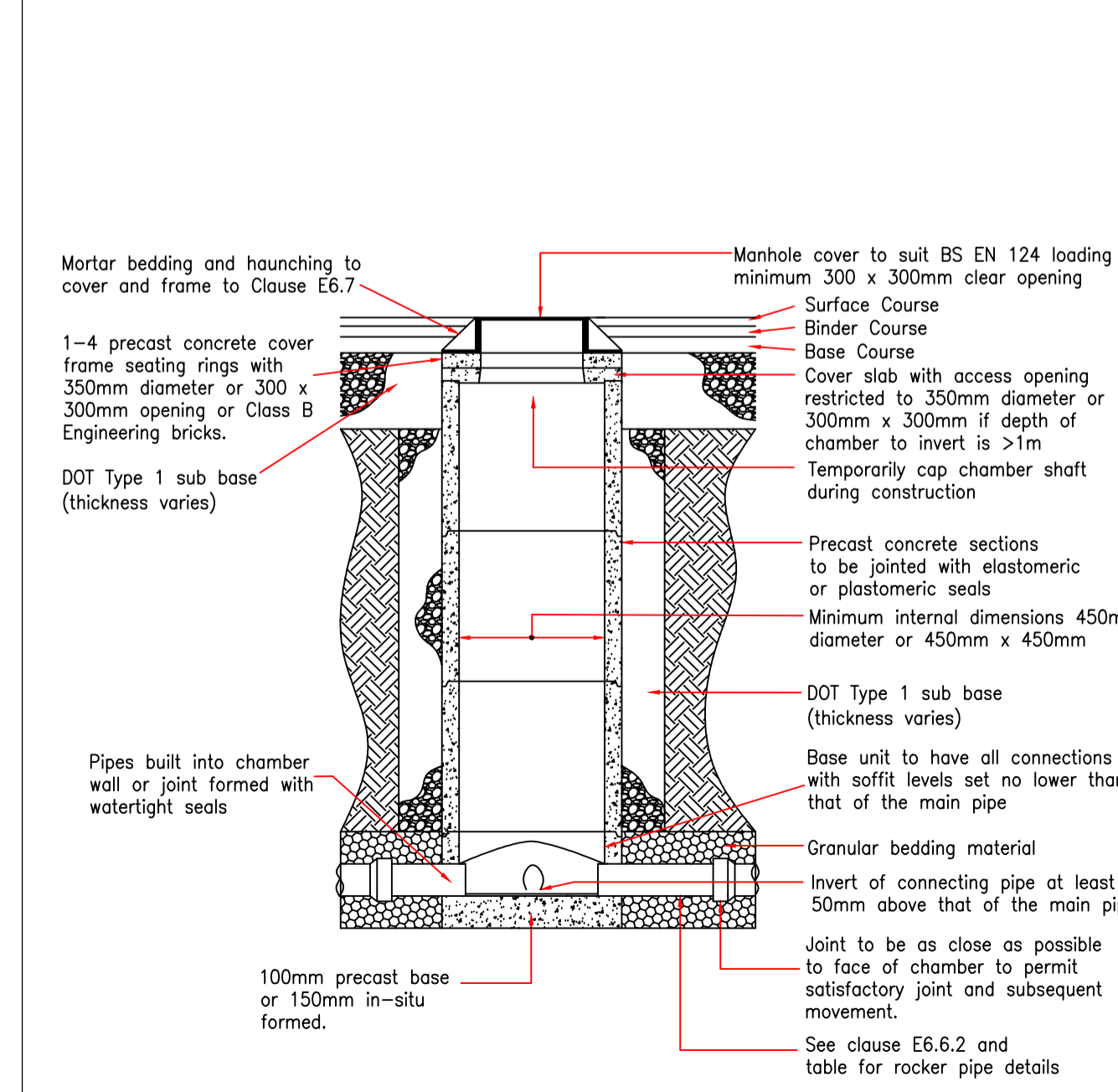
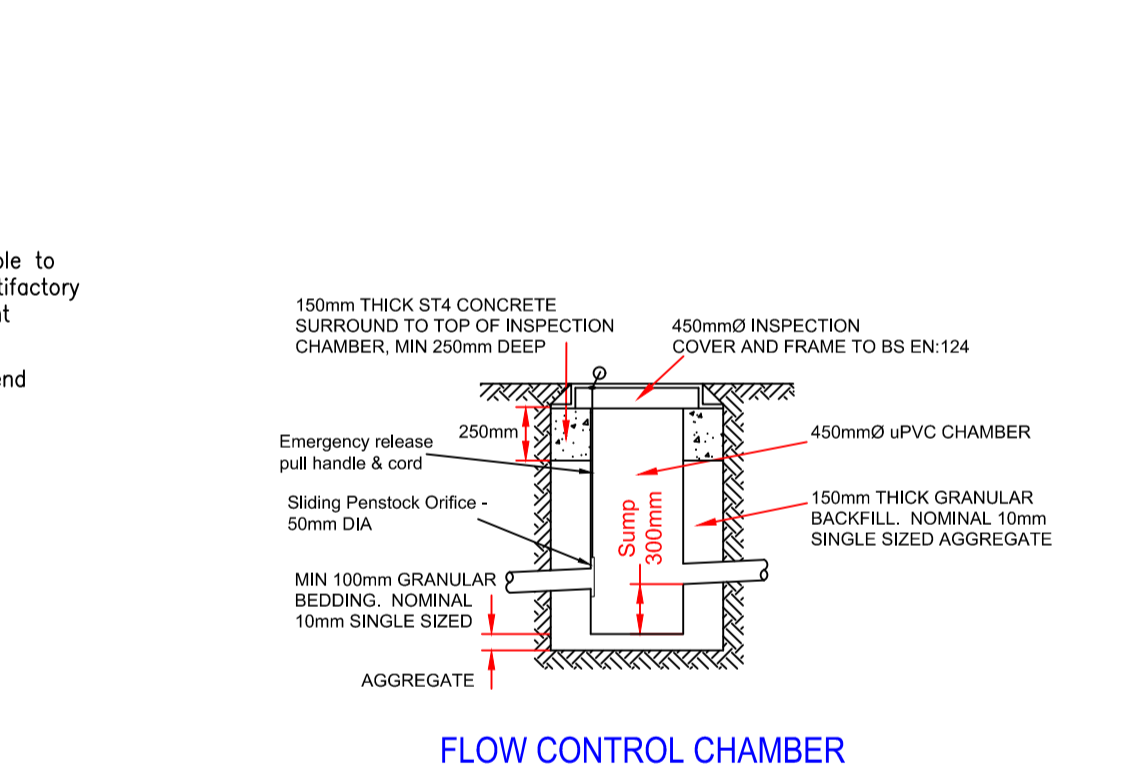
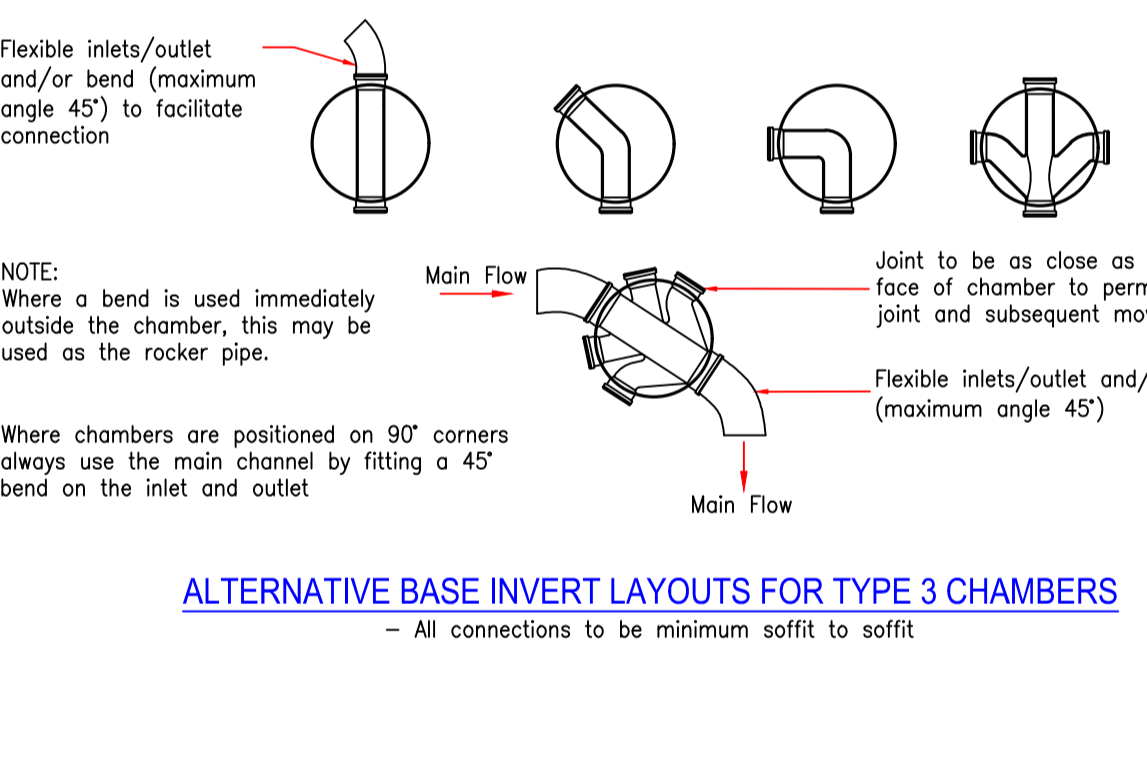
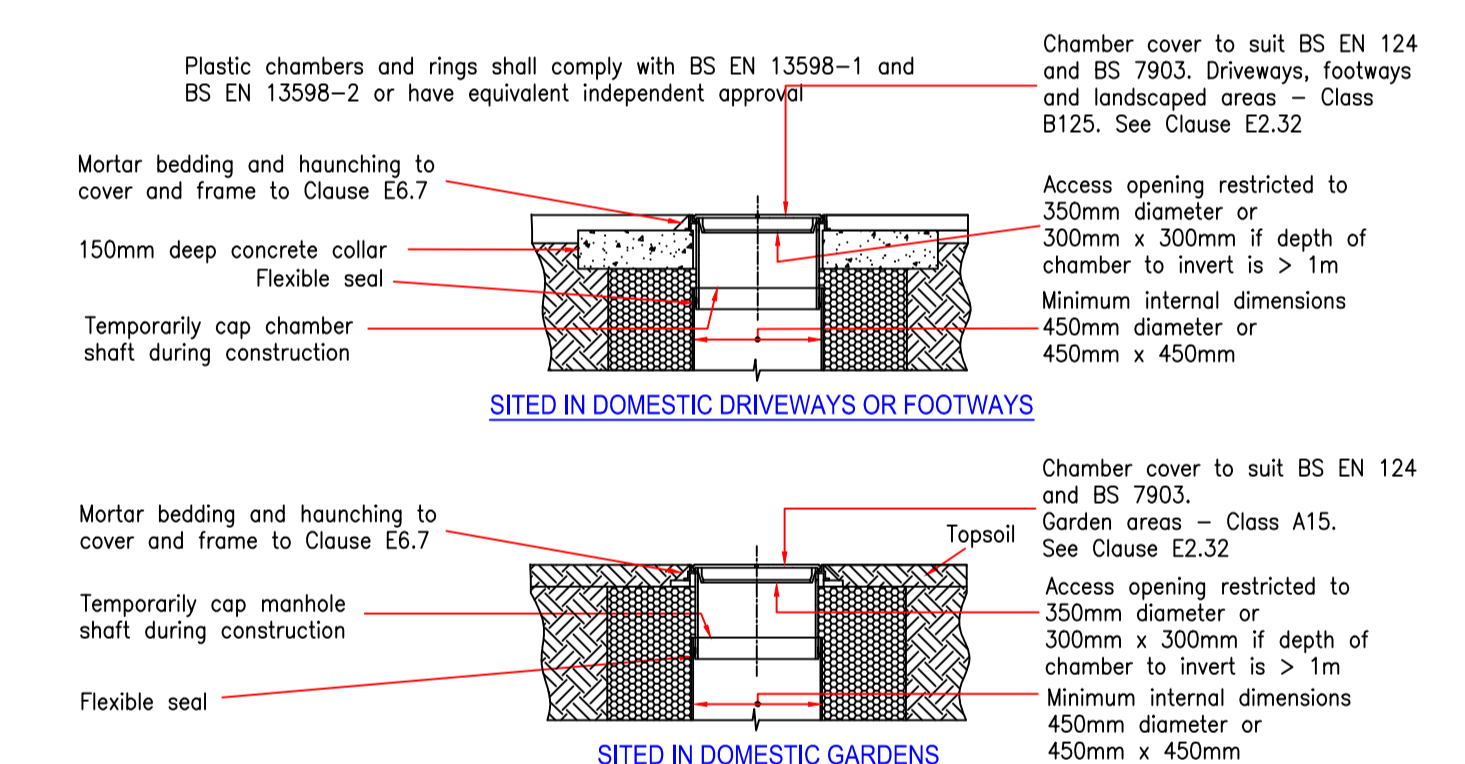
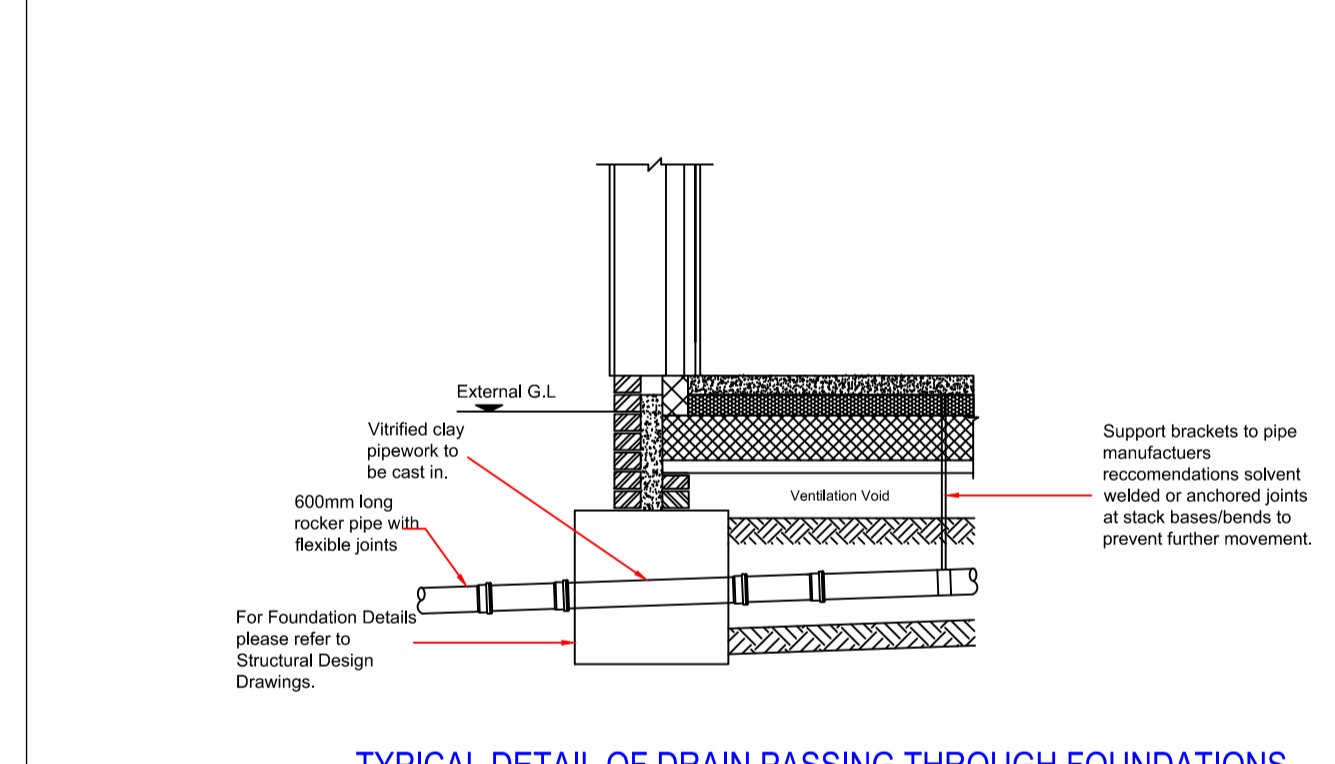


Summary of site areas:

- Existing impermeable area: 99.30 m²
- Proposed Impermeable area: 227.80 m²

Note:

It is suggested by Severn Trent Water that, due to risk of blockages, minimum practicable discharge rate of surface water sewer connection should be 5.0 l/s. Therefore, surface water discharge rate from the development for all storms up to 100 years plus 40% climate change is limited to 5.0 l/s. This is achieved by utilizing control chamber with orifice plate 50mm diameter. Attenuation of surface water flows is provided within pipework.



TRENCH WIDTH DETAIL

D	150	225	300	375
W	450	575	600	675

ROCKER PIPE RECOMMENDED LENGTHS

Nominal Pipe Diameter (mm)	Rocker Pipe Length
150 - 600	0.6m
600 - 750	1.0m
Over 750	1.25m

REV. DATE AMENDMENT BY

CLIENT

SIRINA PROJECTS LTD

PROJECT

BARN CONVERSION AND EXTENSION, SCALFORD

DRAWING TITLE

DRAINAGE LAYOUT AND DETAILS

SCALE 1:200 SHEET SIZE A1

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DRAWN KK DRAWING NO. 20-187-003 Rev. -
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