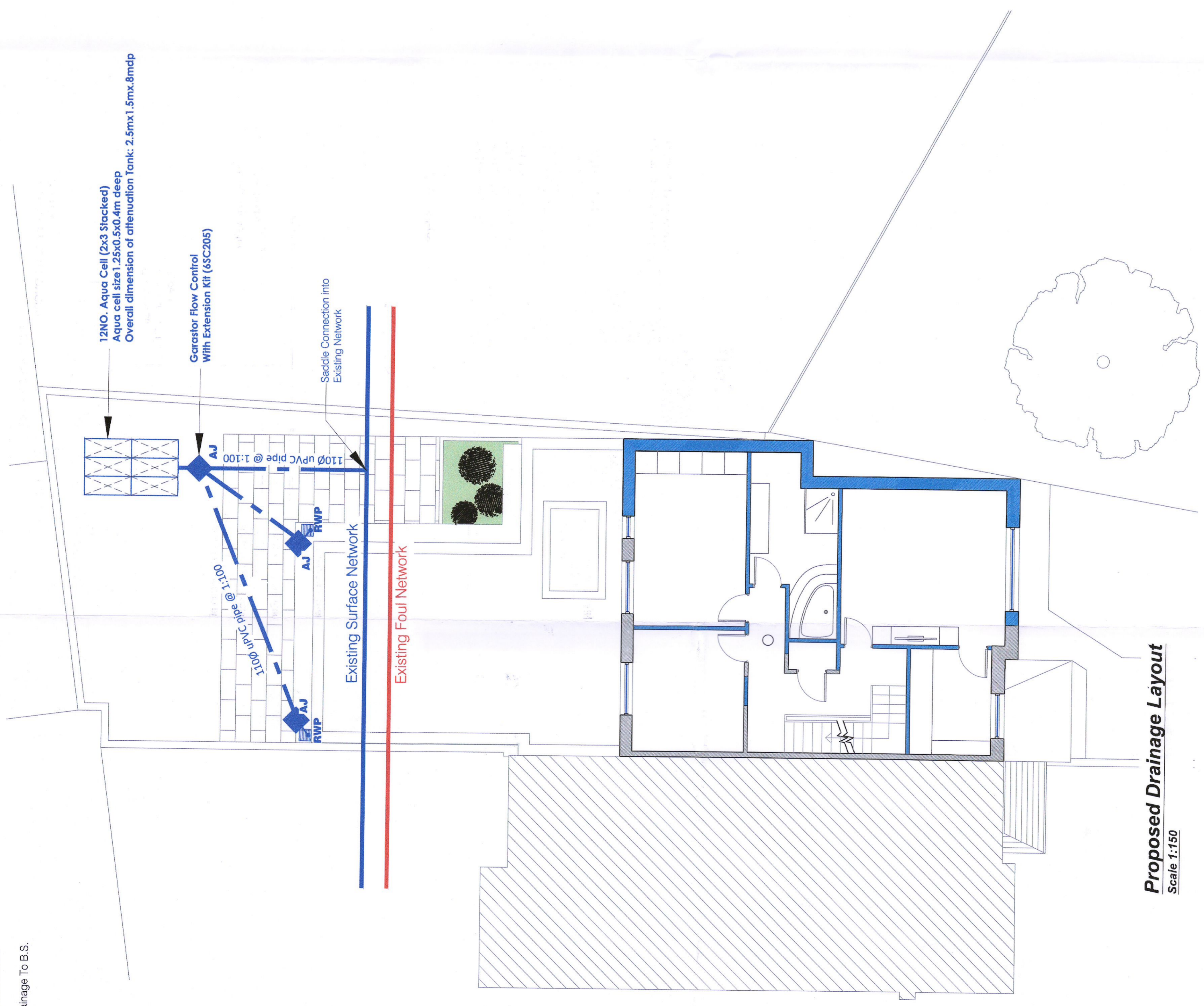
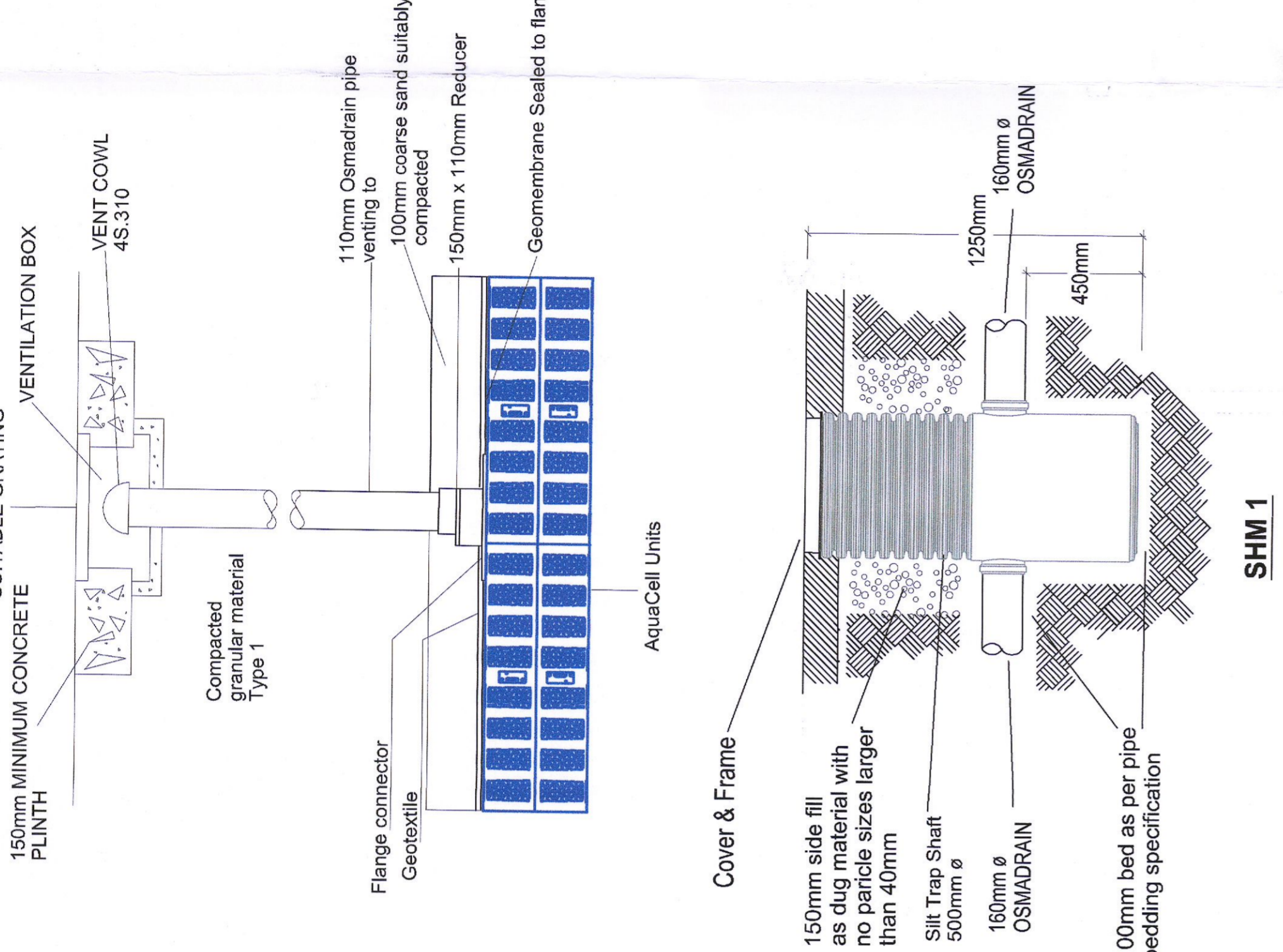


NOTES:

- This drawing to be read in conjunction with all relevant Architects and Engineers drawings. Do not scale drawing.
- All dimensions in millimeters unless otherwise stated.
- All building works to comply with current building regulations.
- All Foul & Surface Water Drainage To B.S. 4514 / I.S. EN 1329-1
- All levels to OD Main Head



Proposed Drainage Layout
Scale 1:150



SHM 1

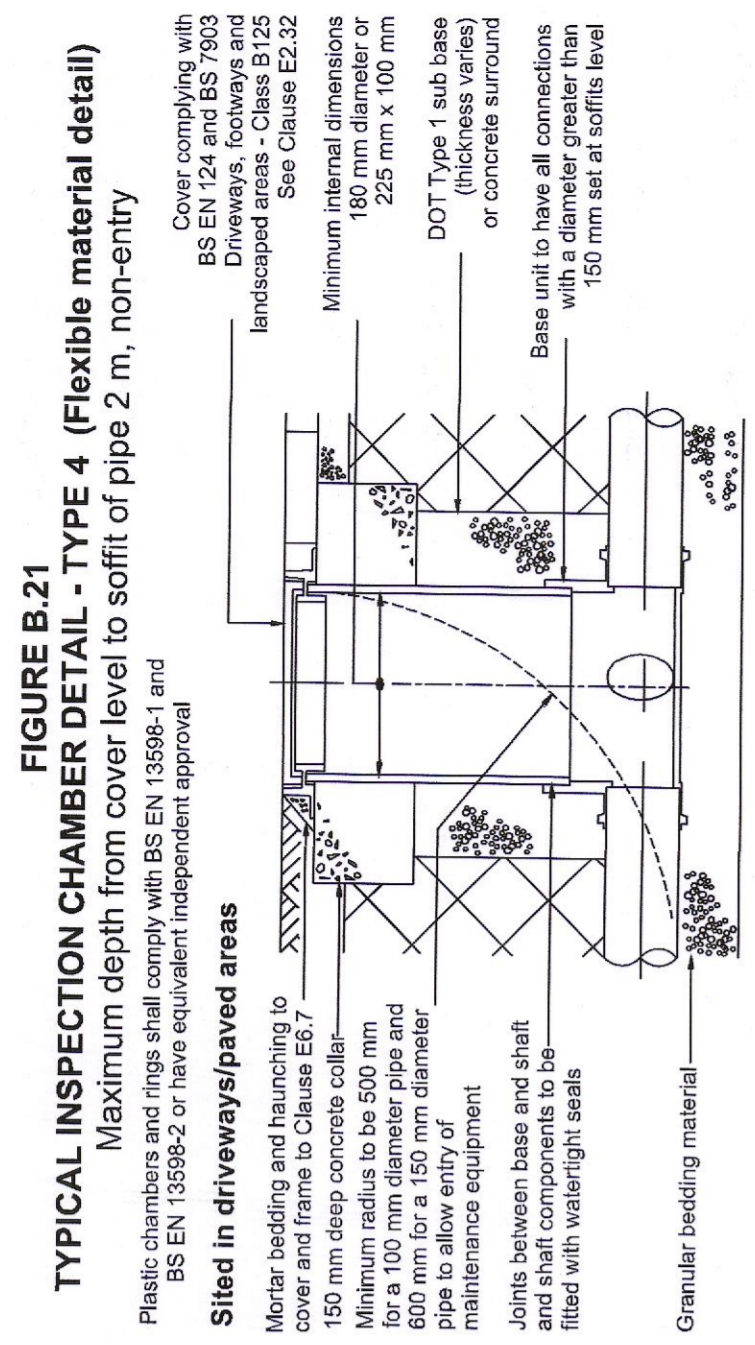


FIGURE B.21
TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Flexible material detail)

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

Sited in driveways/paved areas

Mortar bedding and haunching to 150 mm deep concrete collar. Minimum radius to be 500 mm for a 100 mm diameter pipe and 600 mm for a 150 mm diameter maintenance equipment

Joints between base and shaft and shaft components to be fitted with watertight seals

Granular bedding material

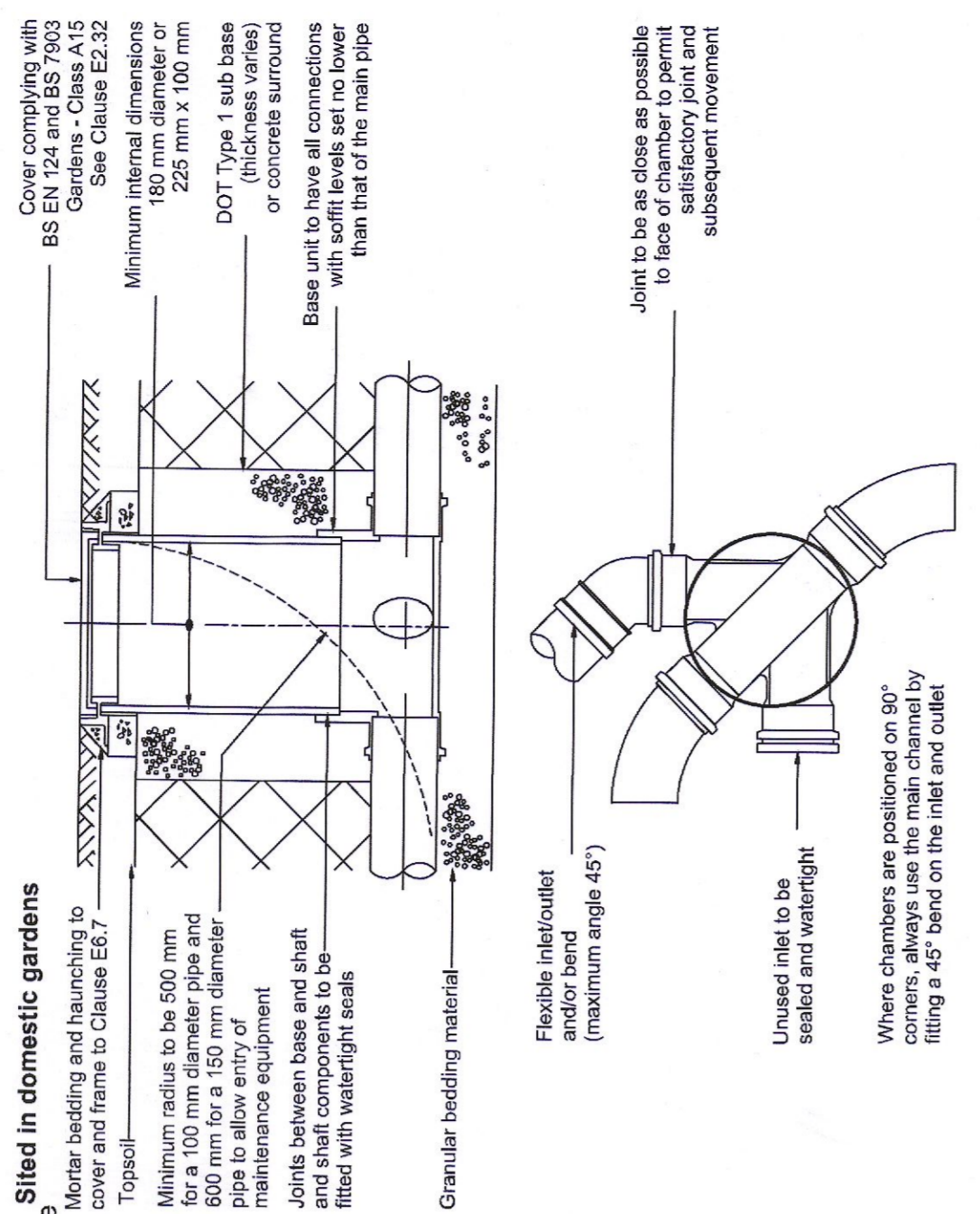
Minimum internal dimensions 180 mm diameter or 225 mm x 100 mm

DOT Type 1 sub base (thickness varies) or concrete surround

Base unit to have all connections with a diameter greater than 150 mm set at soffit level

Cover complying with BS EN 124 and BS 7903

Maximum depth from cover level to soffit of pipe 2 m, non-entry landscaped areas - Class E2.32 See Clause E2.32



Sited in domestic gardens

Mortar bedding and haunching to cover and frame to Clause E6.7

Topsoil

Minimum radius to be 500 mm for a 100 mm diameter pipe and 600 mm for a 150 mm diameter maintenance equipment

Joints between base and shaft and shaft components to be fitted with watertight seals

Granular bedding material

Minimum internal dimensions 180 mm diameter or 225 mm x 100 mm

DOT Type 1 sub base (thickness varies) or concrete surround

Base unit to have all connections with a diameter greater than 150 mm set at soffit level

Cover complying with BS EN 124 and BS 7903

Maximum depth from cover level to soffit of pipe 2 m, non-entry landscaped areas - Class E2.32 See Clause E2.32

LEGEND:

- Denotes new surface water manhole
- Denotes new surface water access junction
- Denotes new surface water line
- Denotes RWP + BIGT
- Denotes permeable paving interception storage
- Denotes road gully
- Denotes new foul water manhole
- Denotes new foul water access junction
- Denotes new foul water inspection chamber in accordance with Irish Water STD-WW-13
- Denotes new foul water line
- Denotes BIGT
- Denotes new 1000 P.E. watermain
- Denotes existing uPVC watermain
- Denotes new boundary box water meter
- Denotes sluice valve
- Denotes duck foot fire hydrant
- Denotes air valve
- Denotes washout

Rev	Revision description	Date	Drawn	Design	Check
C	Attenuation Tank Size & Location	JUNE 2022	MC	TON	TON
B	Soakaway Dimensions	MAY 2022	MC	TON	TON

Job Title:
106 Goatstown Road

Drawing Title:
DRAINAGE LAYOUT & TYPICAL DETAILS

Client:
Henry Stone

Scale:
A1 1:150

Drawing number:
5604/01

Date:
MAY22

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