

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

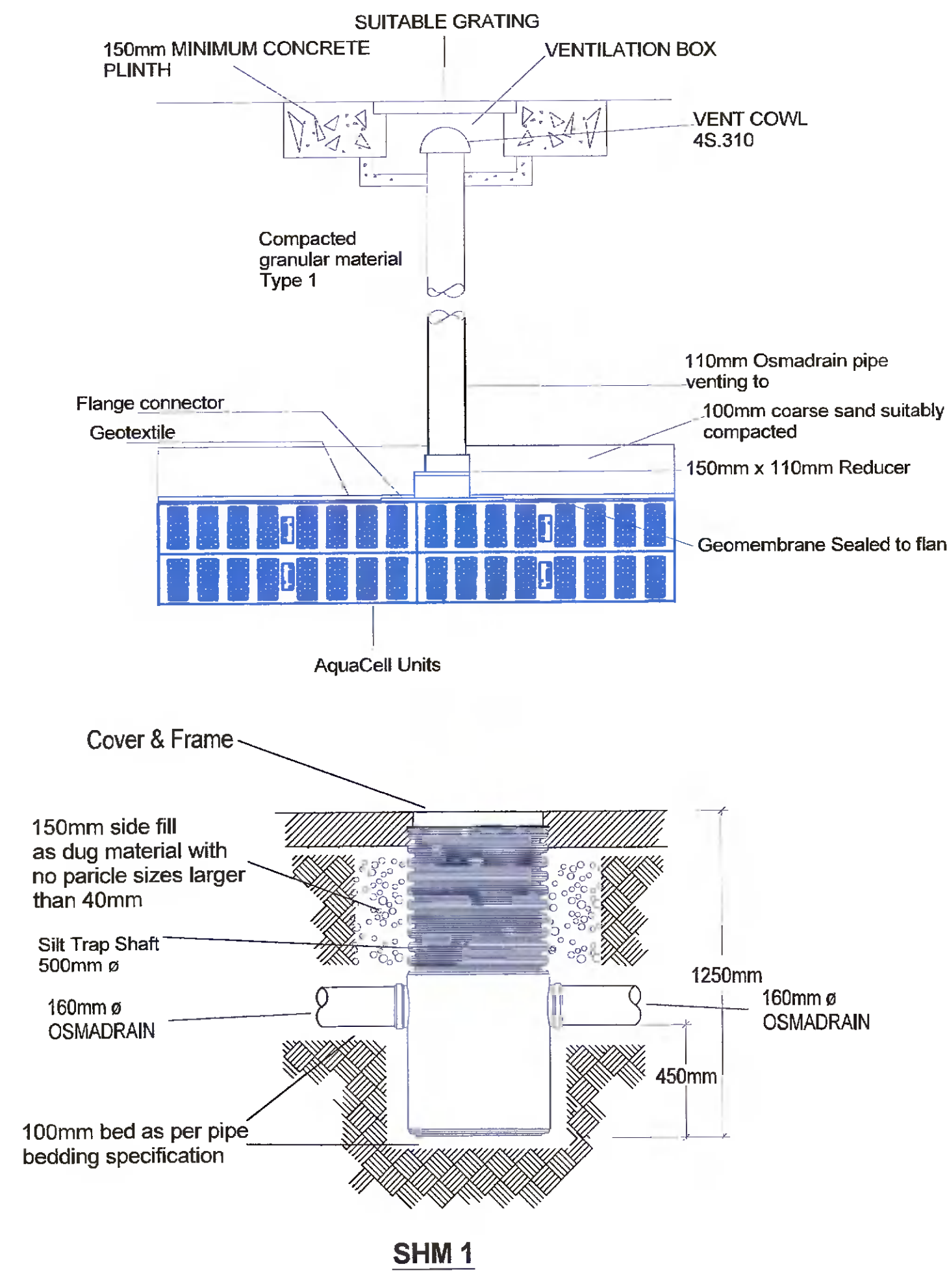
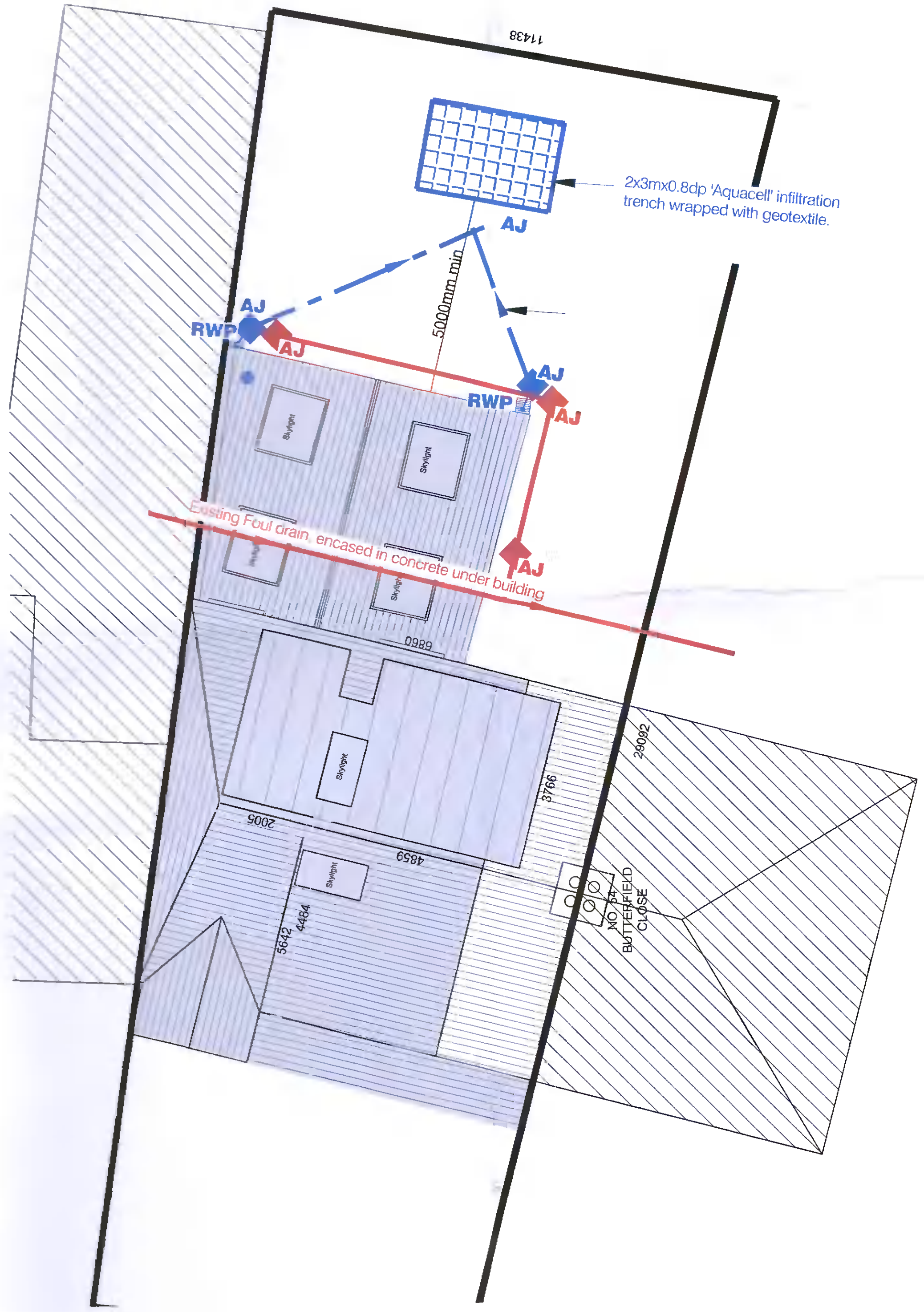


FIGURE B.21
TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Flexible material detail)

Maximum depth from cover level to soffit of pipe 2 m, non-entry

Plastic chambers and rings shall comply with BS EN 13506-1 and BS EN 13506-2 or have equivalent independent approval

Sited in driveways/paved areas

Cover complying with BS EN 124 and BS 7903 Driveways, footways and landscaped areas - Class B125 See Clause E2.32

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 soffits level

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

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 pipe to allow entry of maintenance equipment

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

Granular bedding material

Sited in domestic gardens

Cover complying with BS EN 124 and BS 7903 Gardens - Class A15 See Clause E2.32

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 that of the main pipe

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 pipe to allow entry of maintenance equipment

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

Granular bedding material

- 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
 - SV Denotes sluice valve
 - ⊕ Denotes duck foot fire hydrant
 - ◆ Denotes air valve
 - Denotes washout



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Scale: A1 @ 1:100
Client: **Roisin Barrett**
Job Title: **53 Butterfield Close Ext**
Date: **MAR'22**
Drawing number: **5256/01**
Drawing Title: **DRAINAGE LAYOUT & TYPICAL DETAILS**

Rev	Description	Date	Drawn	Checked