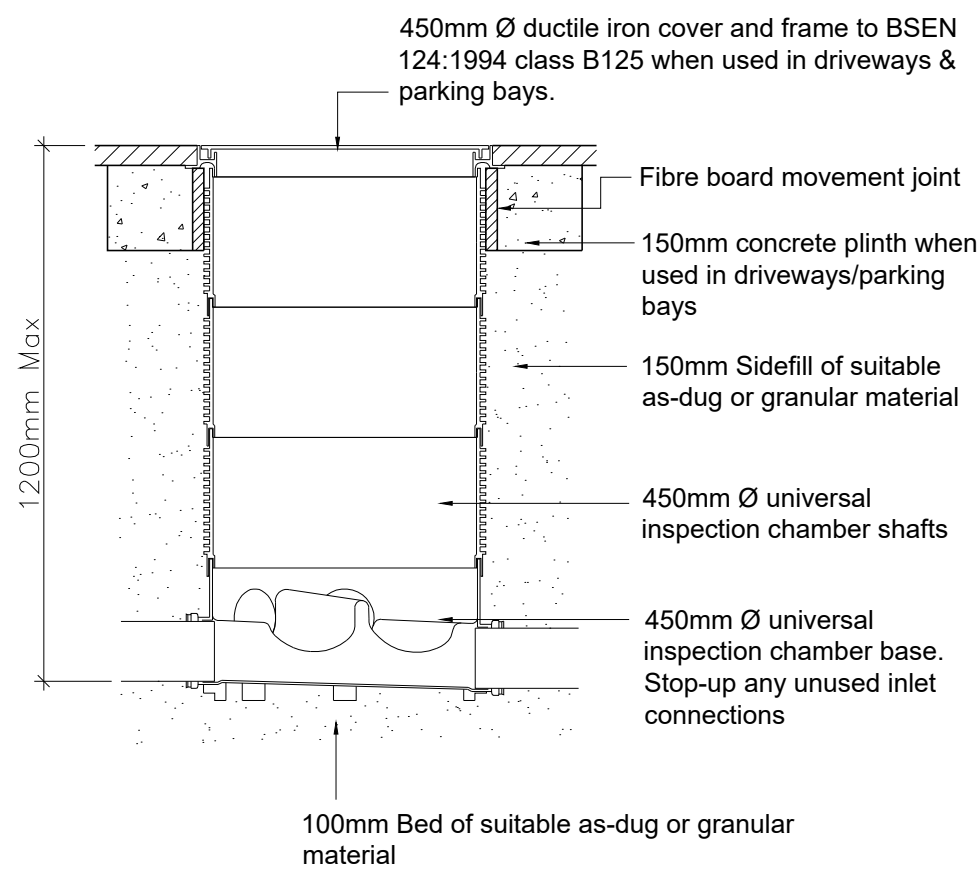


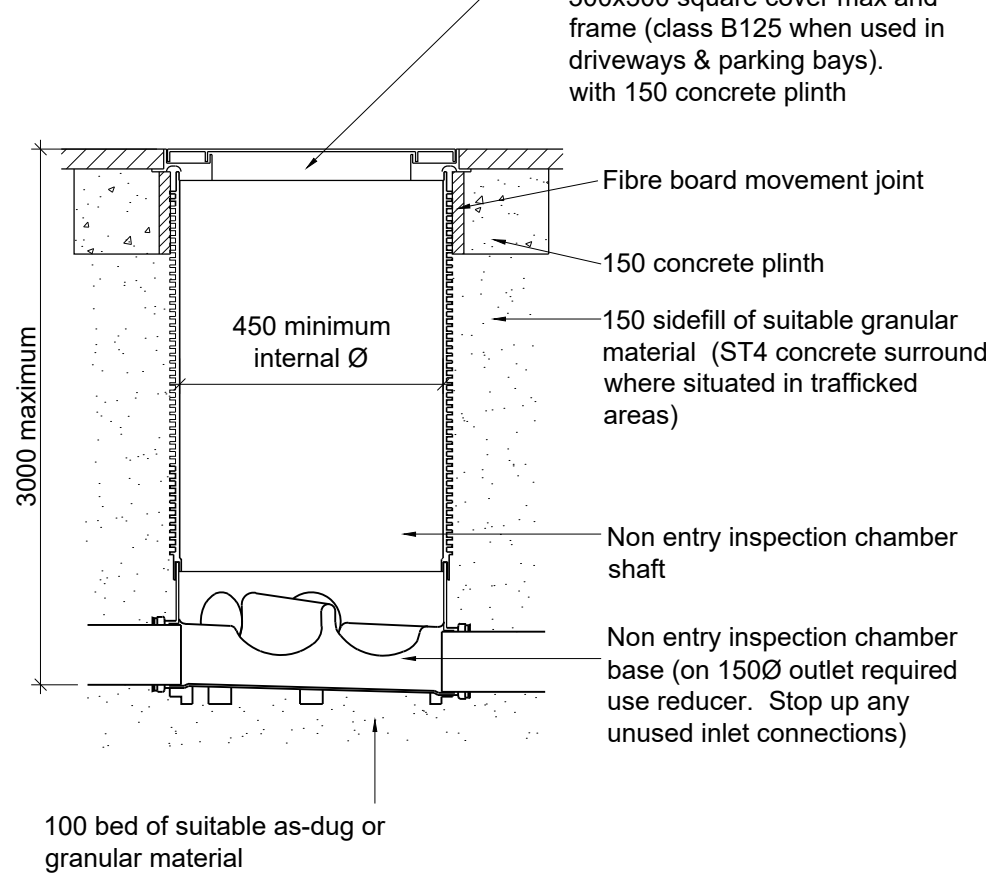


(Inlet/Outlet & 4 branch connections for 100Ø pipes)
(Inlet/Outlet & 2 branch connections for 150Ø pipes)

Note: Chambers in driveways and parking bays to have 150mm ST4 concrete surround.

1.2m Max. Polypropylene inspection chamber

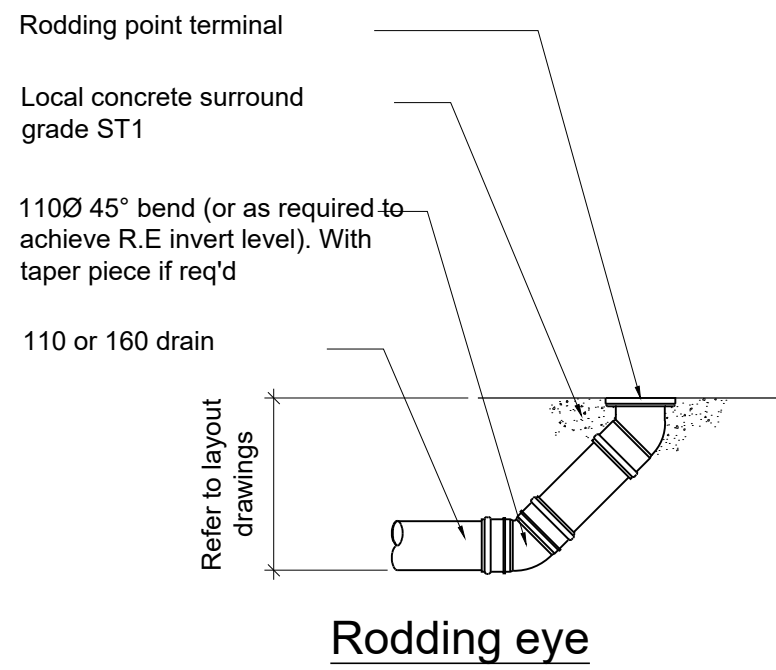
For use in soft areas, driveways and parking bays only



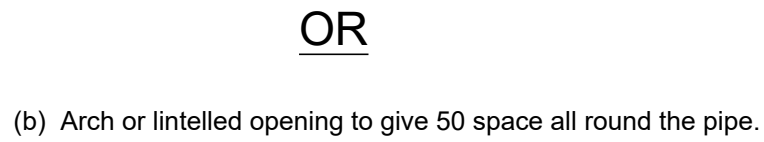
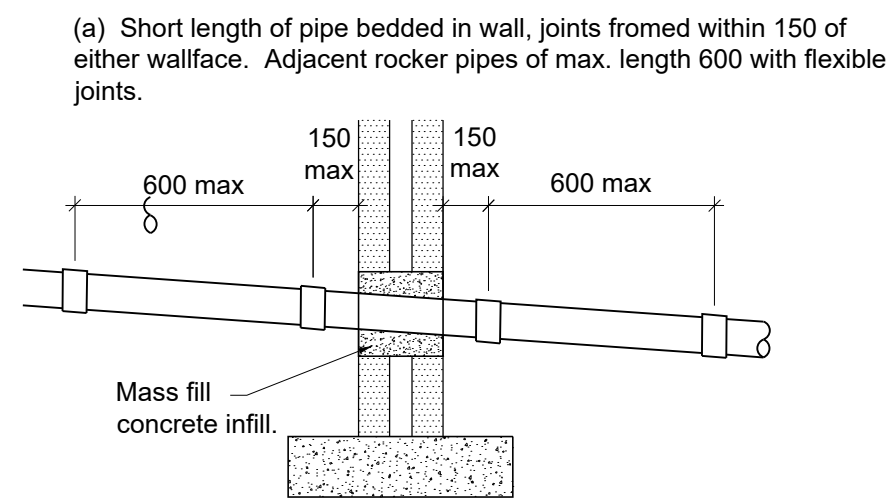
Note: Chambers in driveways and parking bays to have 150mm ST4 concrete surround.

1.2m to 3.0m deep non entry inspection chamber

For use in soft areas, driveways and parking bays only, where noted 'nme' on layouts



Rodding eye

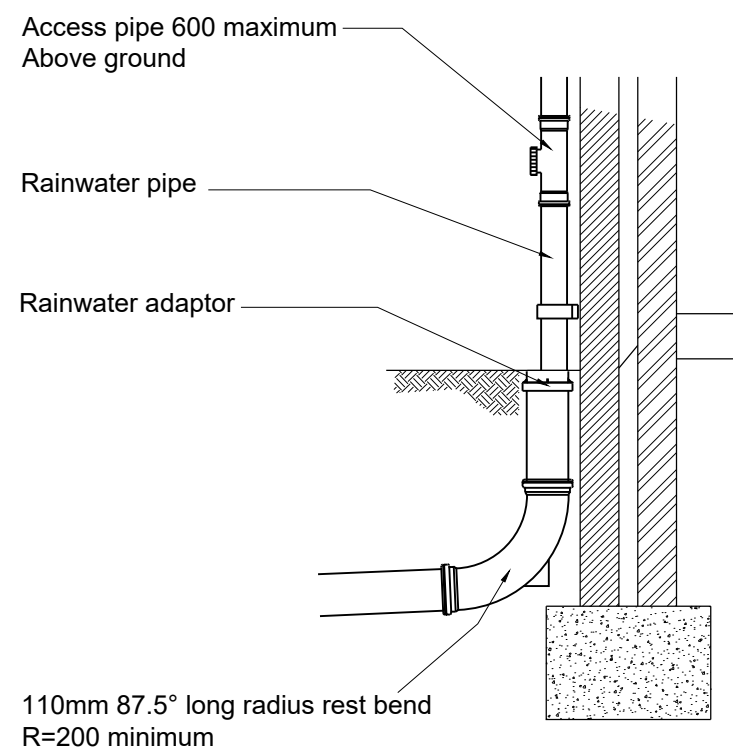


OR

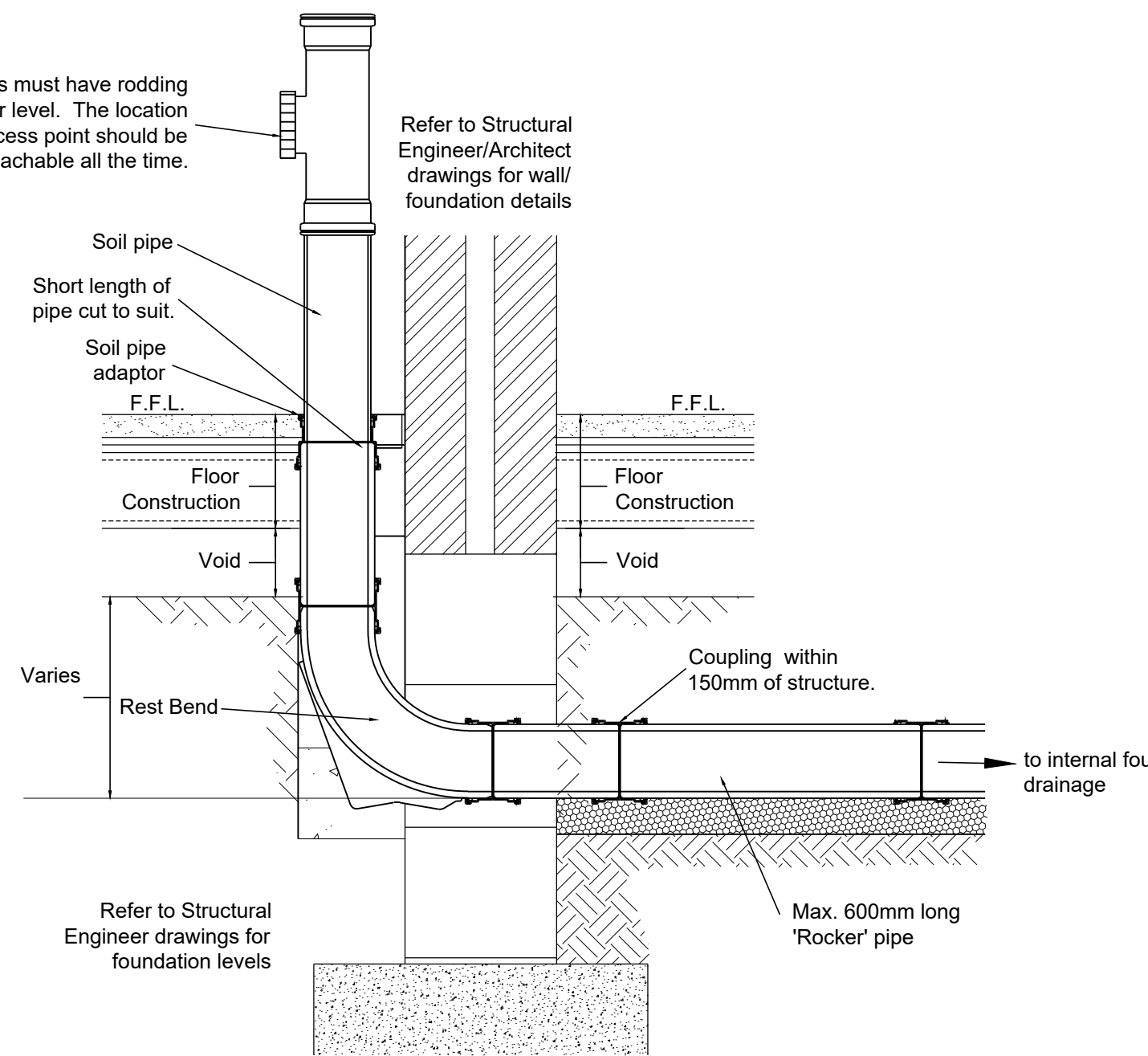
Important: Fill void with compressible sealant to prevent entry of gas.

Pipes through walls

All internal FW connections must have rodding points provided at the floor level. The location of the rodding access point should be accessible and easily reachable all the time.

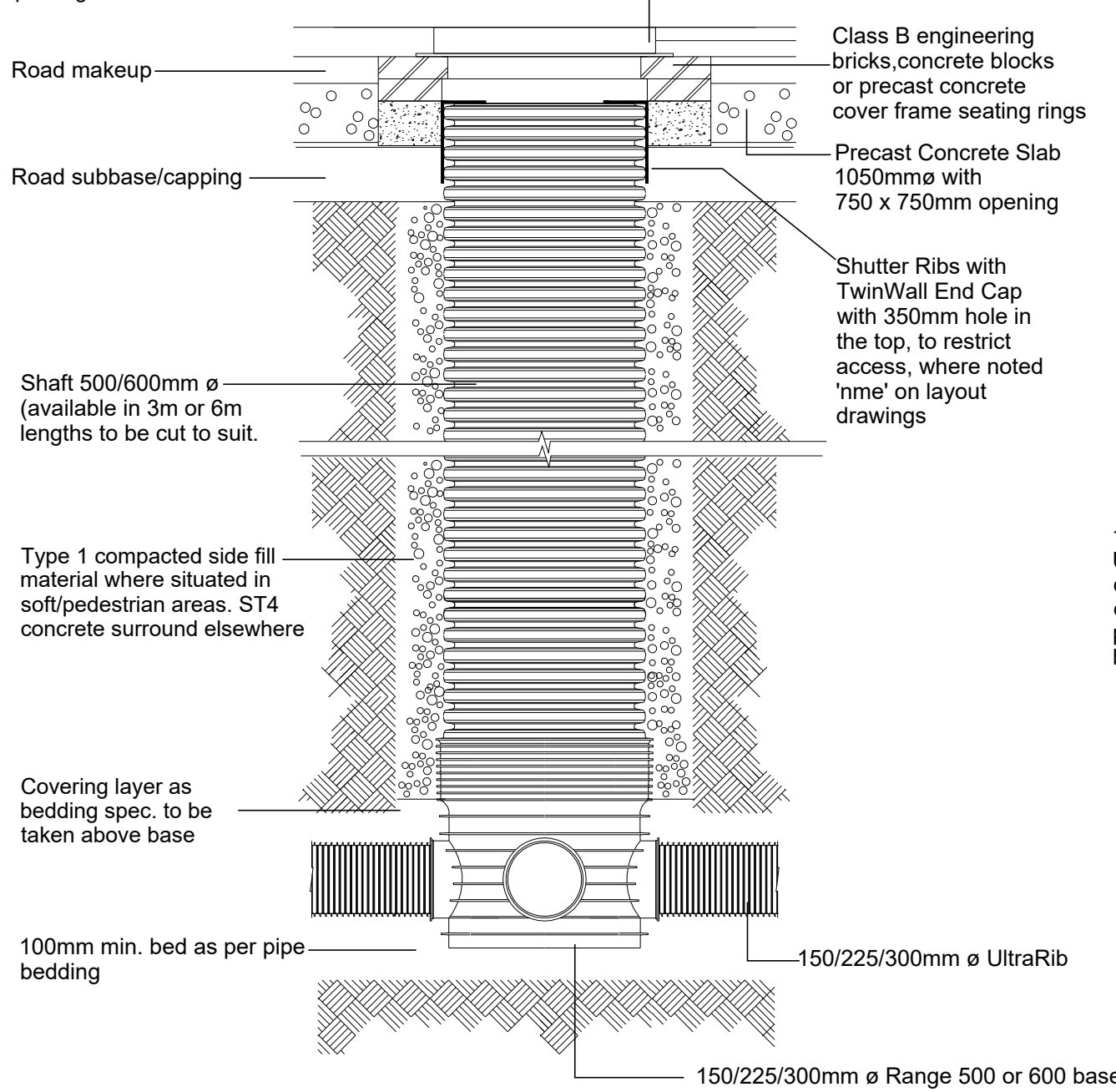


External R.W.P. to drain



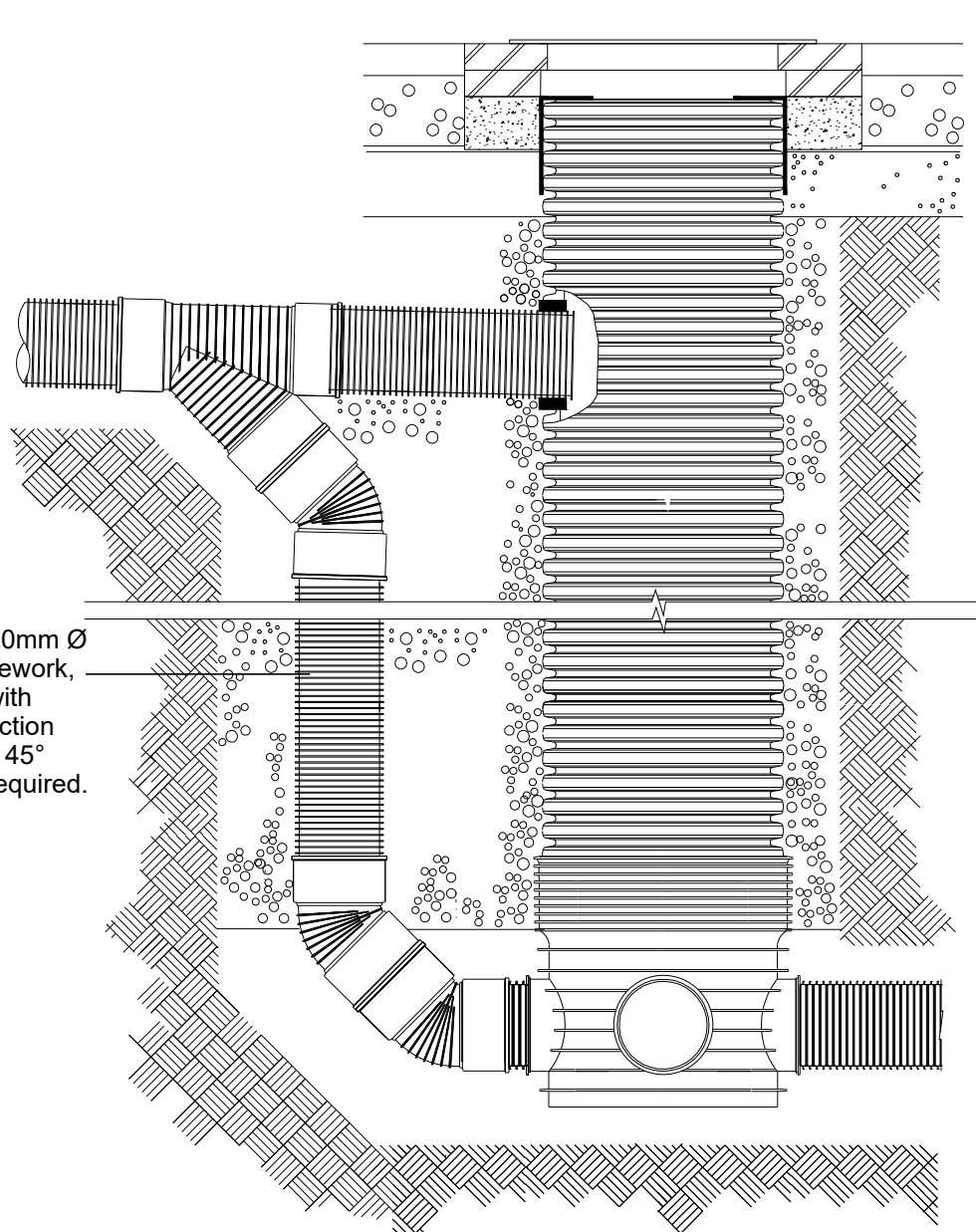
Typical Soil & Vent Pipe Connection Detail

Access cover and frame to BS EN 124:1994 Class A15 for private gardens, Class B125 for amenity areas, individual drives and parking bays and Class D400 for roads and shared parking areas.

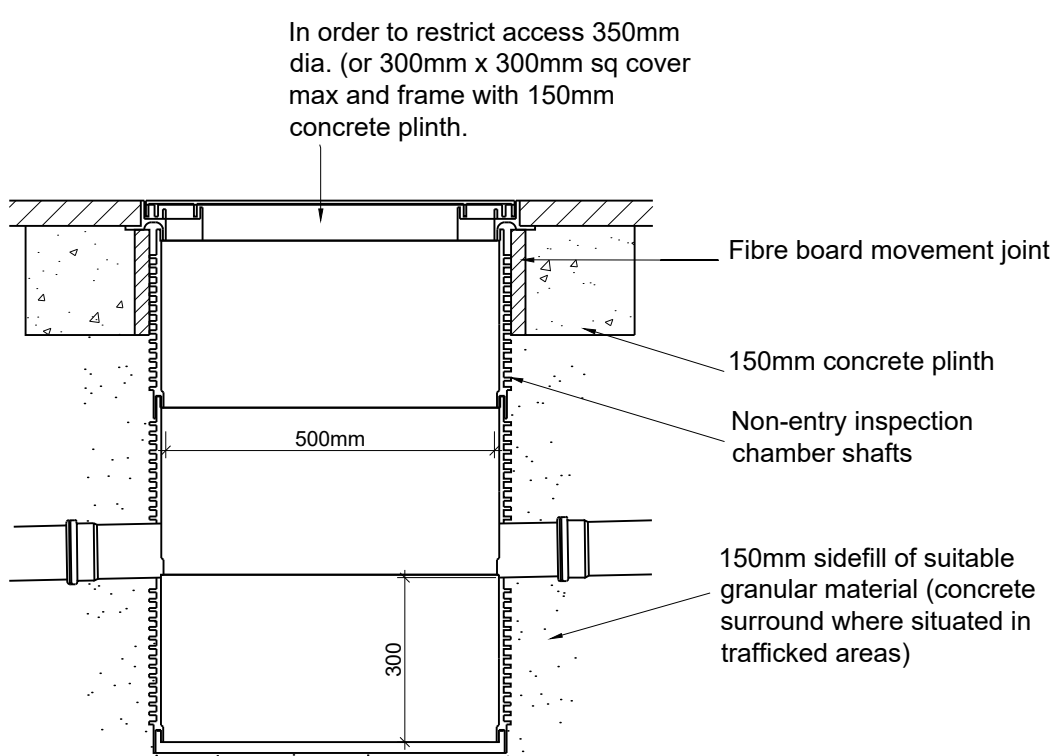


Messrs Polypipe DN600 inspection chamber

For use in any trafficked areas (up to D400 rating) and / or where pipe diameters up to 300mm dia.



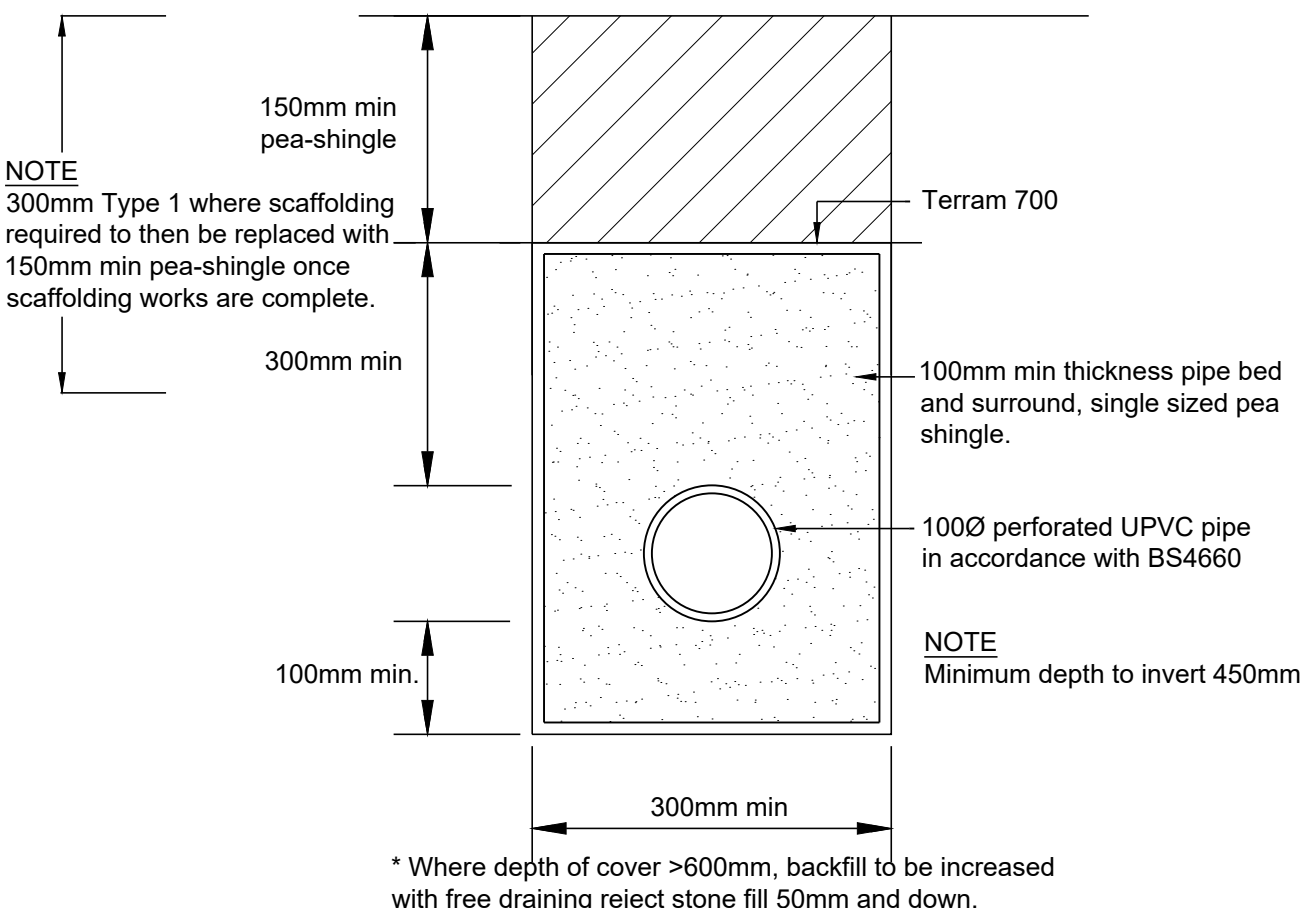
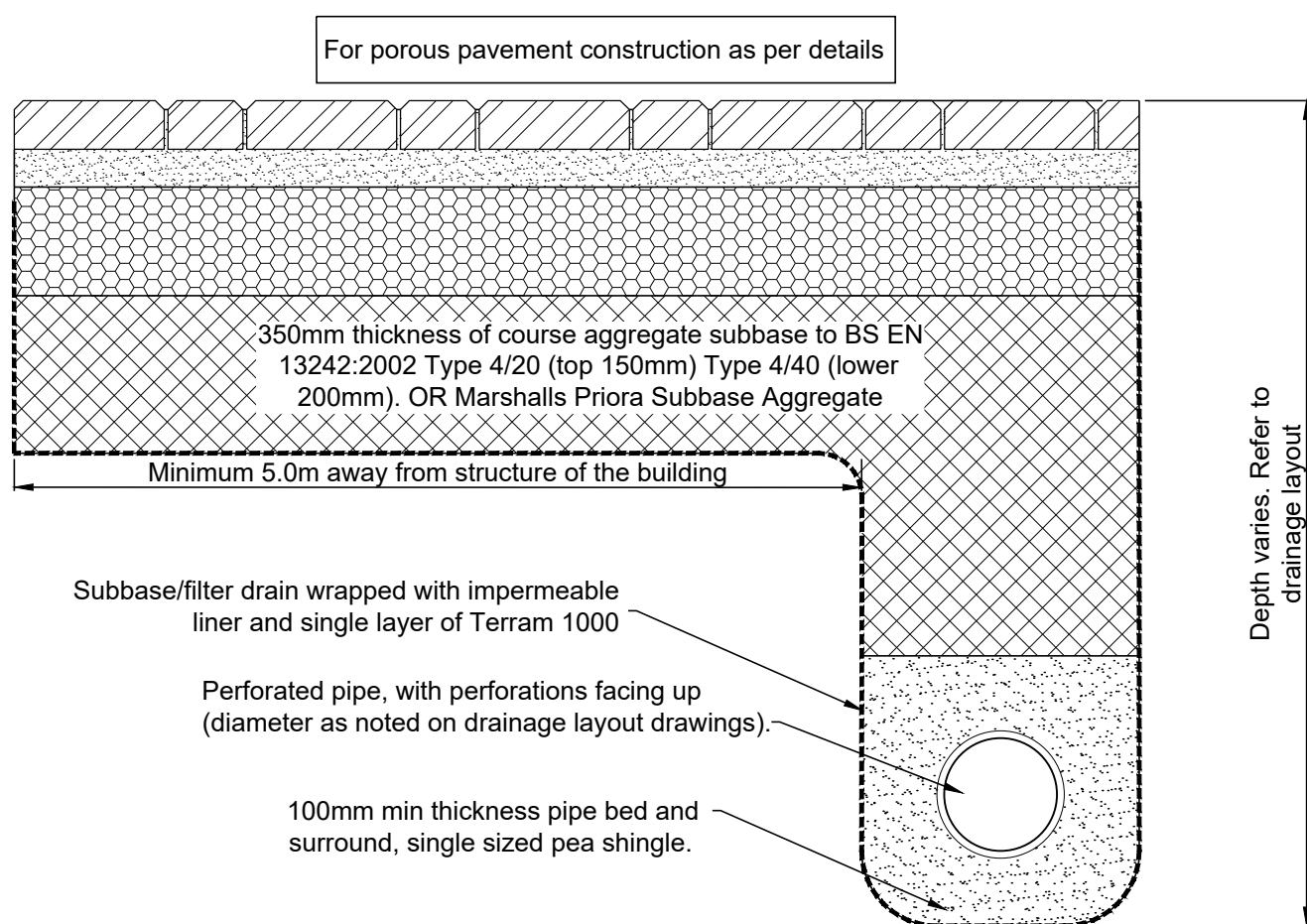
Messrs Wavin 'Range500 or Range600' IC with External Backdrop



Silt Trap

TYPE	DEPTH TO INVERT FROM COVER LEVEL (m)	INTERNAL SIZES		COVER SIZES	
		RECTANGULAR LENGTH AND WIDTH	CIRCULAR DIAMETER	RECTANGULAR LENGTH AND WIDTH	CIRCULAR DIAMETER
Rodding Eye		As drain but min 100			Same size as pipework (1)
Access Fittings small	0.6 or less, except where situated in a chamber	150x100	150	150x100 (1)	Same size as access fitting
Access Fittings large	1.2 or less	225x100	225	225x100 (1)	
Inspection Chamber Shallow	0.6 or less	225x100	190 (2)	-	190 (1)
Inspection Chamber Deep	1.2 or less	450x450	450	Min 430x430 max 300x300 (2)	430
	>1.2 but <3.0	450x450	450	Access restricted to max 350 (1)	

Notes:
(1) The clear opening may be reduced by 20mm in order to provide proper support for the cover and frame.
(2) Drains upto 150mm.
(3) A larger clear opening may be used in conjunction with a restricted access. The size is restricted for health and safety reasons to enter entry.



Land Drain for Eaves drop system off Balconies

Notes

- This drawing is to be read in conjunction with the Drainage Layout.
- All private drainage works to be constructed in accordance with the latest edition of the Building Regulations part H (Drainage & Waste Disposal) and to BS EN 124: 1994.

Gratings to be class B125 loading for driveways and class C250 for slabbed areas.
ACO raindrain or similar for driveways/patios, ACO Multidrain range or similar approved for slabbed areas.

Grade ST4 concrete 150mm minimum bed and surround for Class B125-C250 loadings.

'ACO' drain detail

NOTES:
1. Roddable trapped sump units to be positioned at connection to drain, see layouts.
2. Loadings to BS EN 124: 1994

62.905 Bc

C1	Stage 5 issued	09.05.25
P4	Stage 4 detail revised according to Client's comments	14.02.25
P3	Stage 4 Issue	20.01.25
P2	Course aggregates notes added in porous paving details	08.11.24
P1	Preliminary issue for planning	22.11.23

Rev	Description	Date
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Status:

Stage 5

Scale :	NTS		
Date :	Aug 2023	Checked:	Approved:
Drawn :	IDL	BM	PT

Title :

Drainage Details Sheet 2

Project :

Baldock Street, Royston

Drg. No:	Rev:	File Ref:	1177-07-DE
LSE-2904-05-DE-211	C1	Plot Ref:	LSE-2904-05-DE-211

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