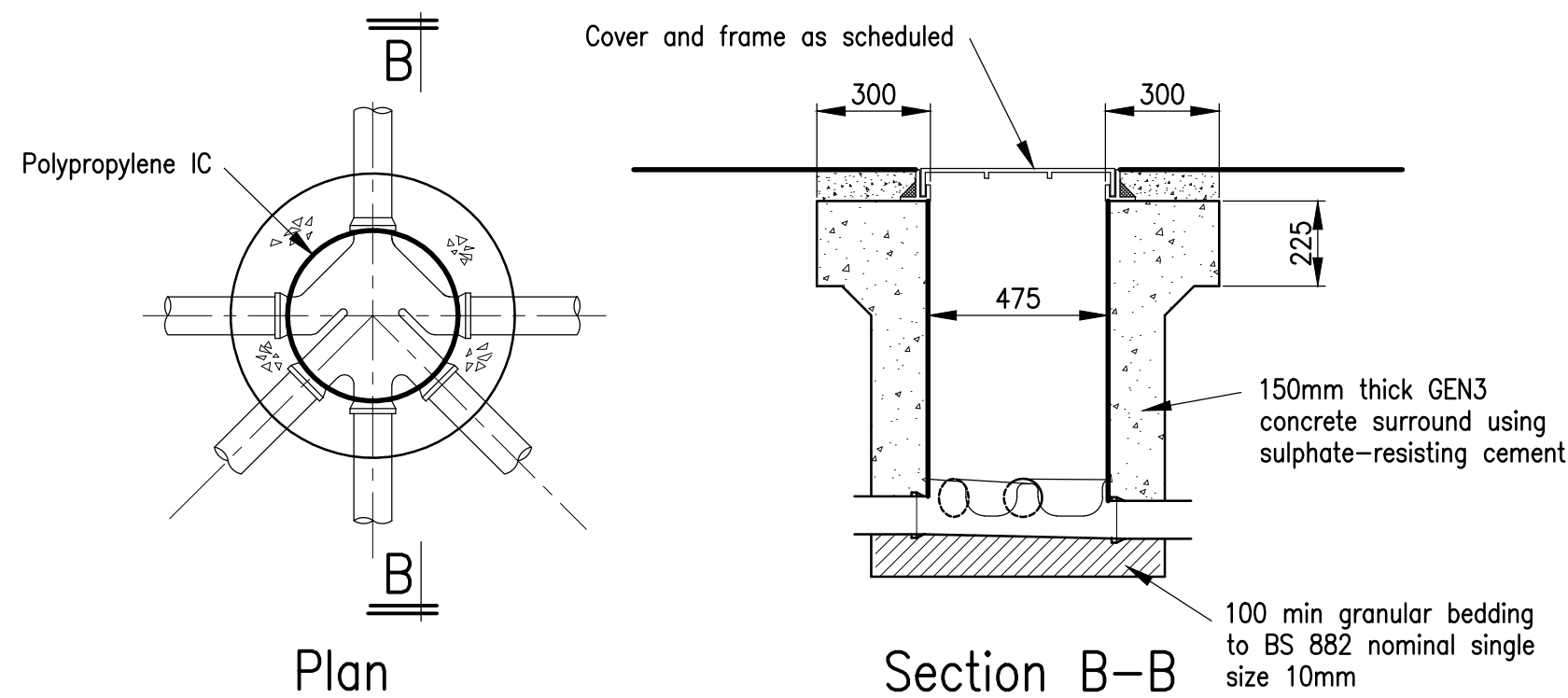


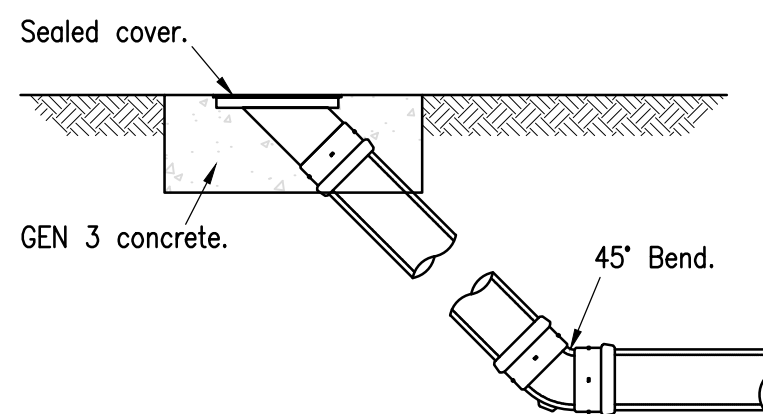


Polypropylene IC With Concrete Surround

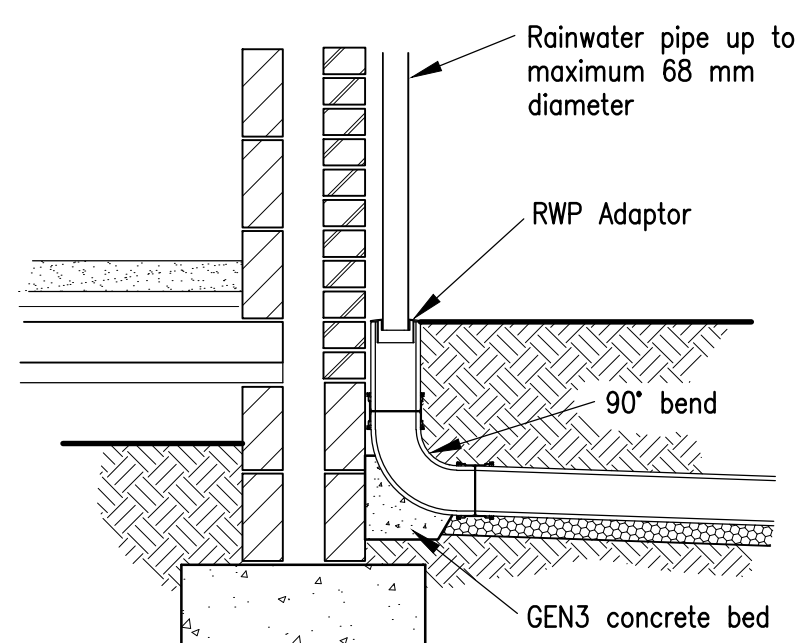
(Depth to soffit less than 1.2m)

Where depth to invert exceeds 1200 access must be reduced with clear opening 350 dia

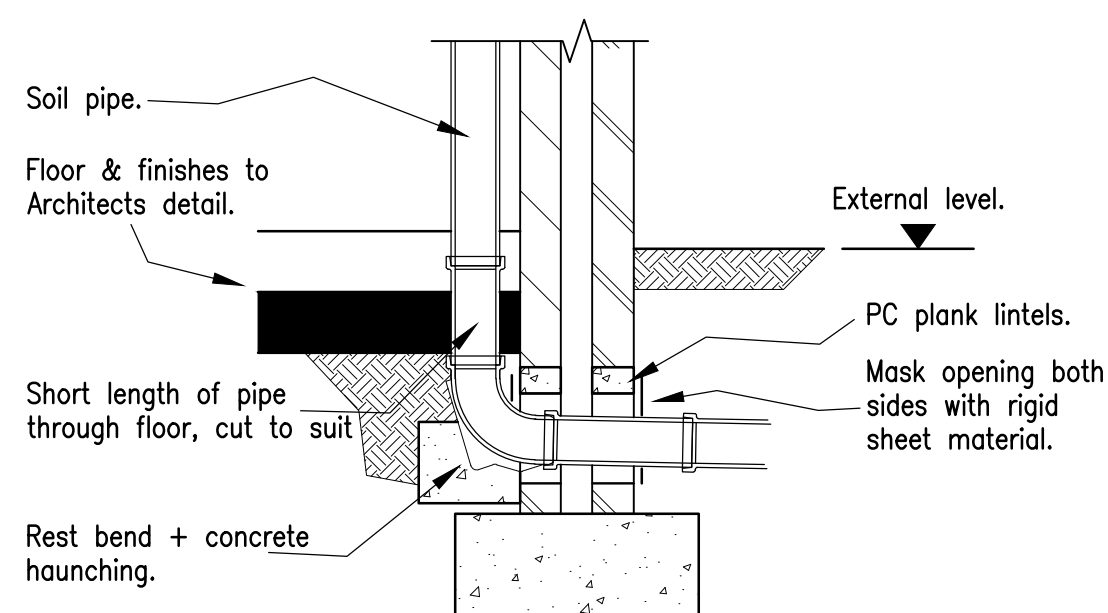
Concrete surround may be replaced with selected as-dug or granular material for external ICs in landscaped areas with no vehicular access



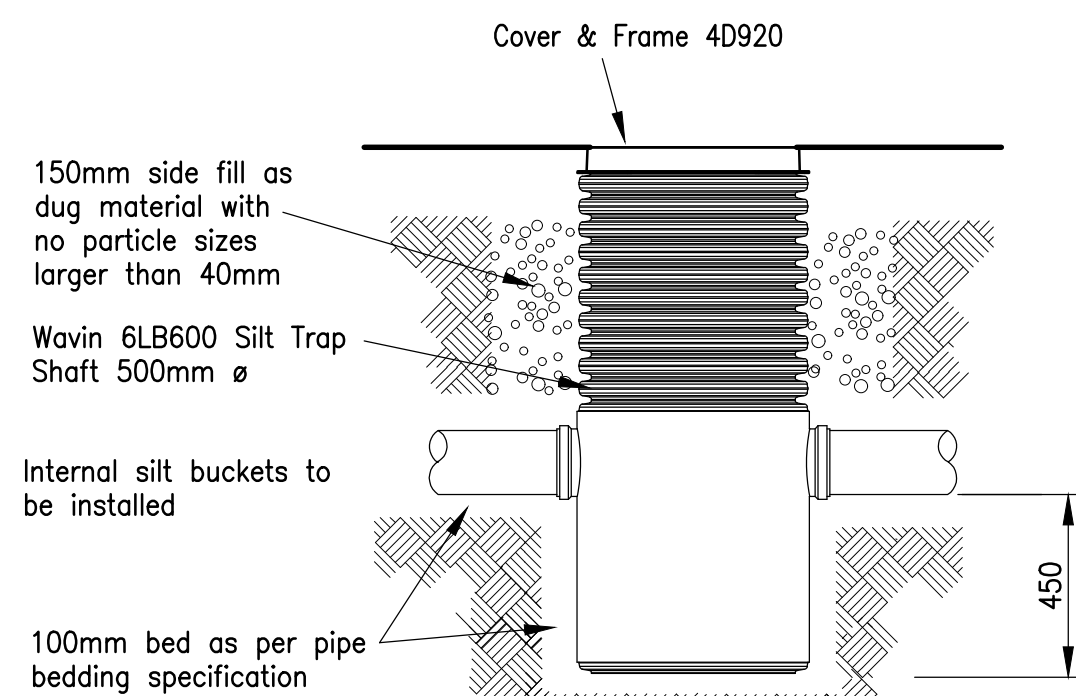
Rodding Eye Detail.



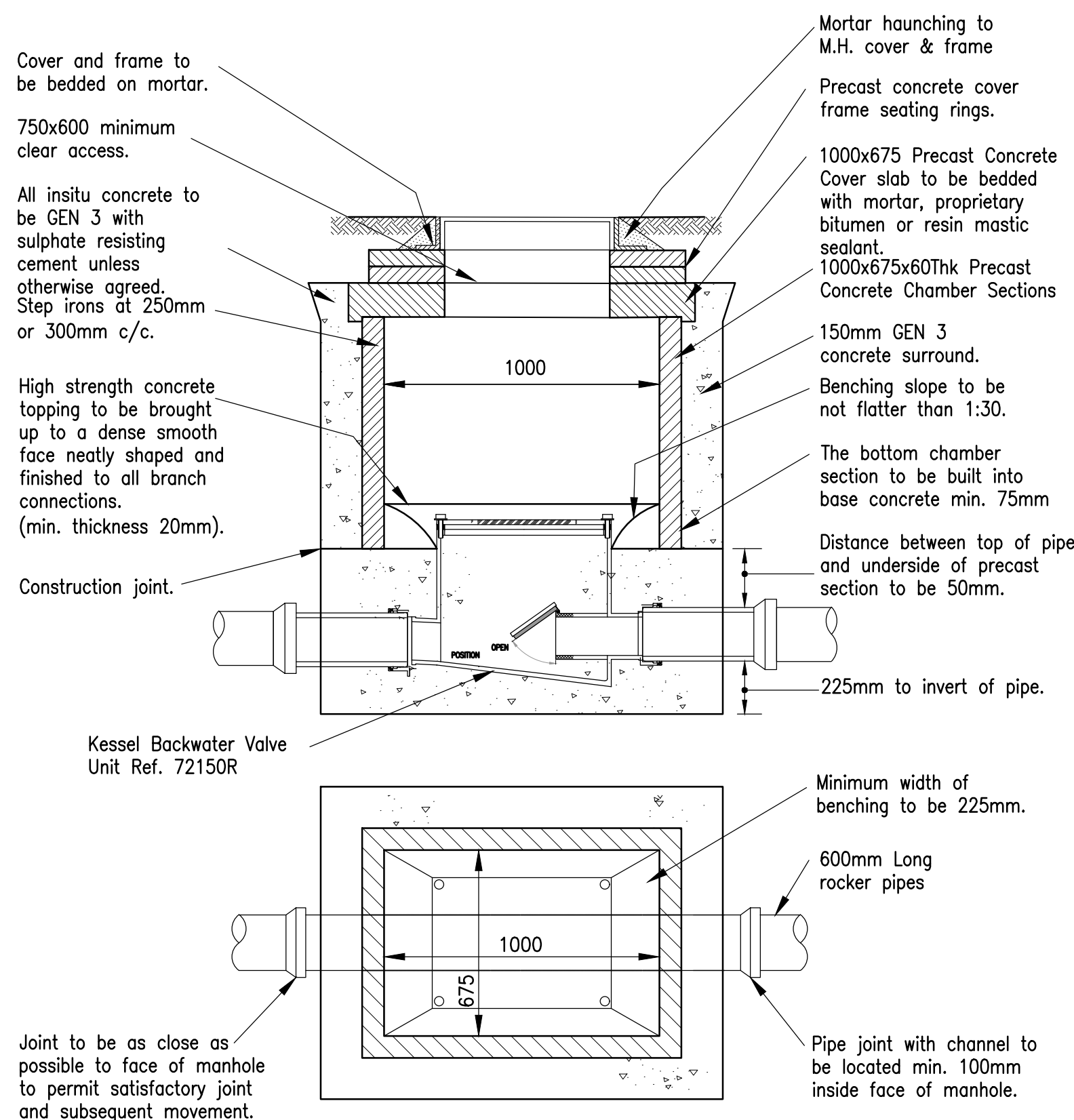
Rainwater Pipe Direct Connection Detail



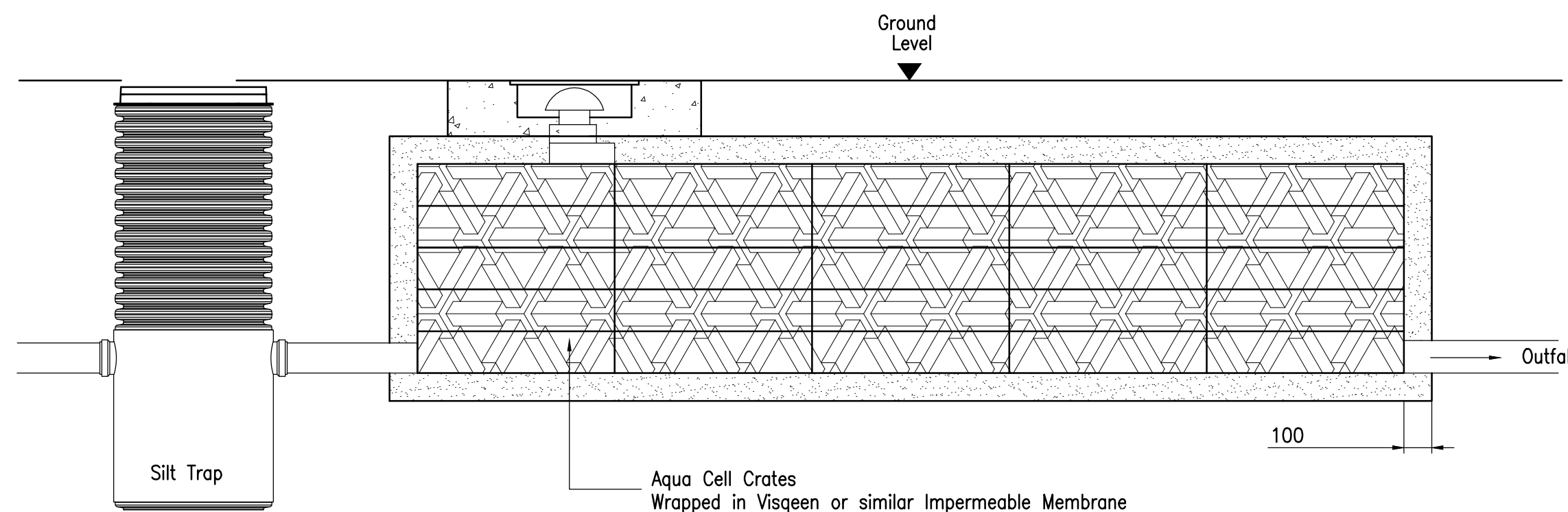
Typical SVP Detail
(svp)



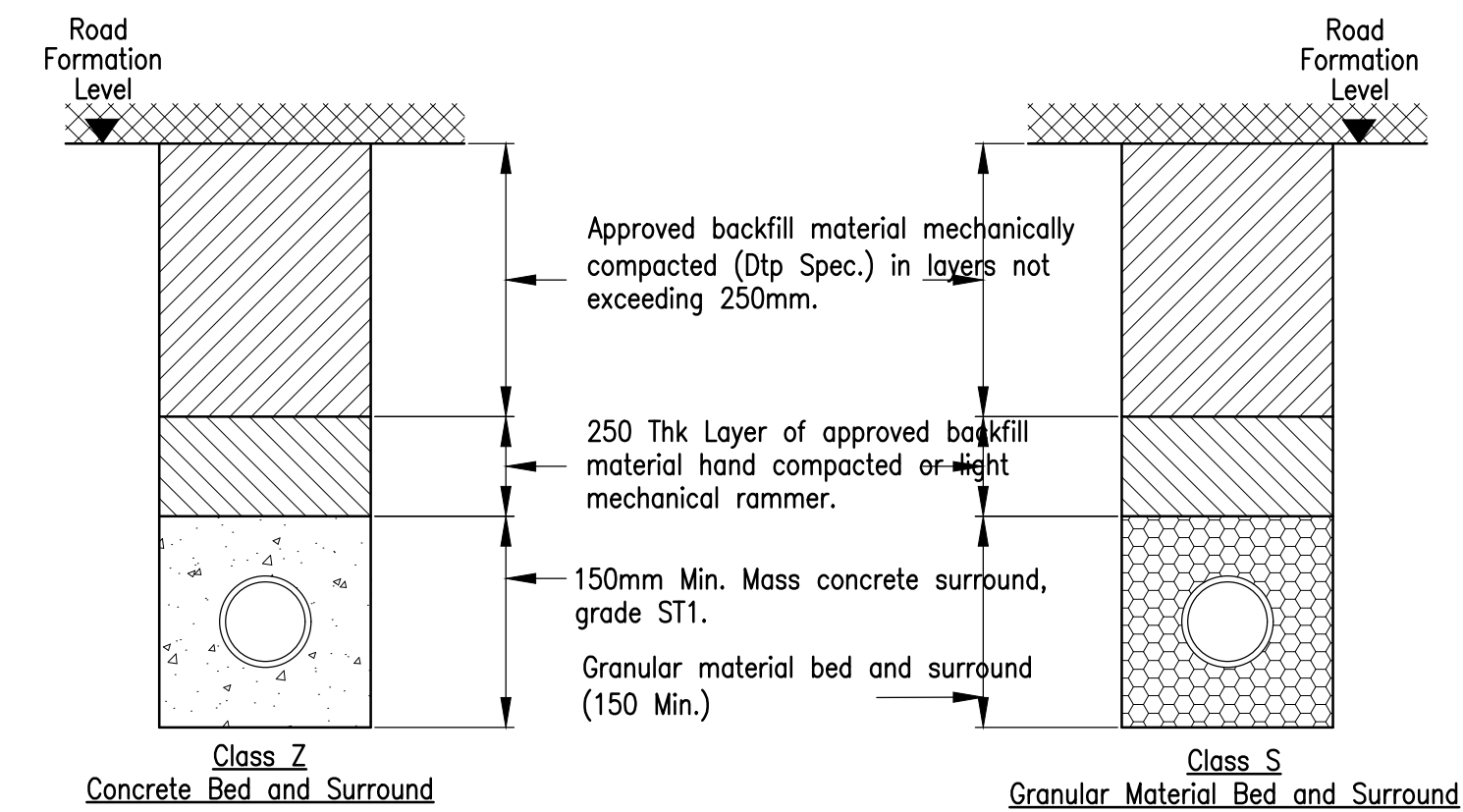
Silt Trap Detail



Typical Manhole Detail – Type D
With Backwater Valve



Elevation Through Attenuation Tank
Refer to Schedule for Dimensions



Where cover to crown of pipe is less than 1.2m, and for all road gully connections.

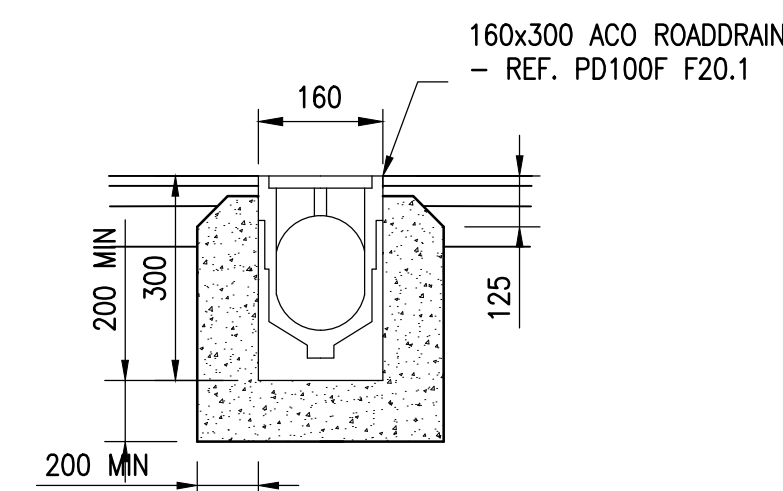
Where cover to crown of pipe is greater than 1.2m.

Lay & compact to a thickness of not less than 50mm for sleeve jointed pipes, 100mm for socket jointed pipes, over full width of trench. Where trench bottom is uneven due to hard spots or other reason, increase depth by 100mm. Scoop out locally at couplings/sockets and lay pipes digging slightly into bed & resting uniformly on their barrels. Adjust to line & gradient. After initial testing, lay & compact more granular material uniformly to halfway up each side of pipe. Backfill (250mm for adoptable sewers) above crown of pipe with protective cushion of Dtp Type 1 or selected fill, free from vegetable matter, rubbish, frozen soil & material retained on a 40mm sieve. Compact by hand (or light mechanical rammer) in 100mm layers.

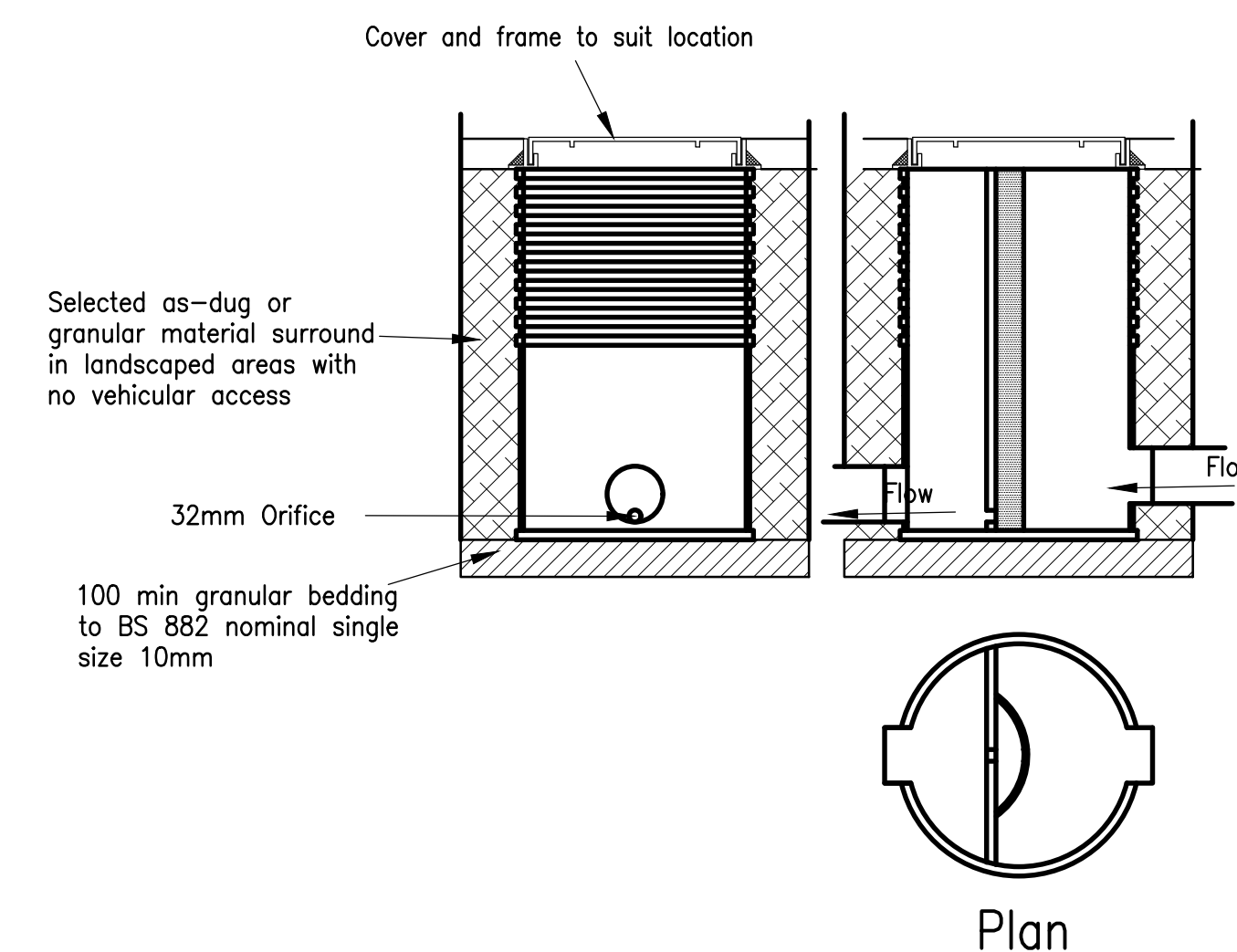
Granular bedding and sidefill material to be:-
100 & 150 dia. – 10 single size stone (graded not permitted).
225 & 300 dia. – 10 or 20 single size stone (or 20 to 5 graded).
375 to 500 dia – 20 single size stone (or 20 to 5 graded).
600 dia. + – 20 or 50 single size stone (or 20 or 40 to 5 graded).

Approved backfill material to be Dtp Type 1 or selected, as-raised, readily compactable material free from organic matter, frozen soil, builders rubbish, clay lumps larger than 75mm and stones larger than 35mm.
(Water industry C.E. Spec. Cl. 2.50.3 – Type B.)

Typical Pipe Bedding Details



ACO Heavy Duty 'RoadDrain'
100' Detail



Polypropylene Orifice Flow Control Chamber

NOTES

A	Orifice flow control detail added	31.07.20
-	Preliminary	24.07.20
Rev	Revision note	Date

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Project
40 Little Paddocks
Ferring
Worthing, BN12 5NJ
Title
Drainage Construction Details

Dwn By AJS	Chk By	DRG NO 456920-101	REV A
Date July 20	Scale 1:20		