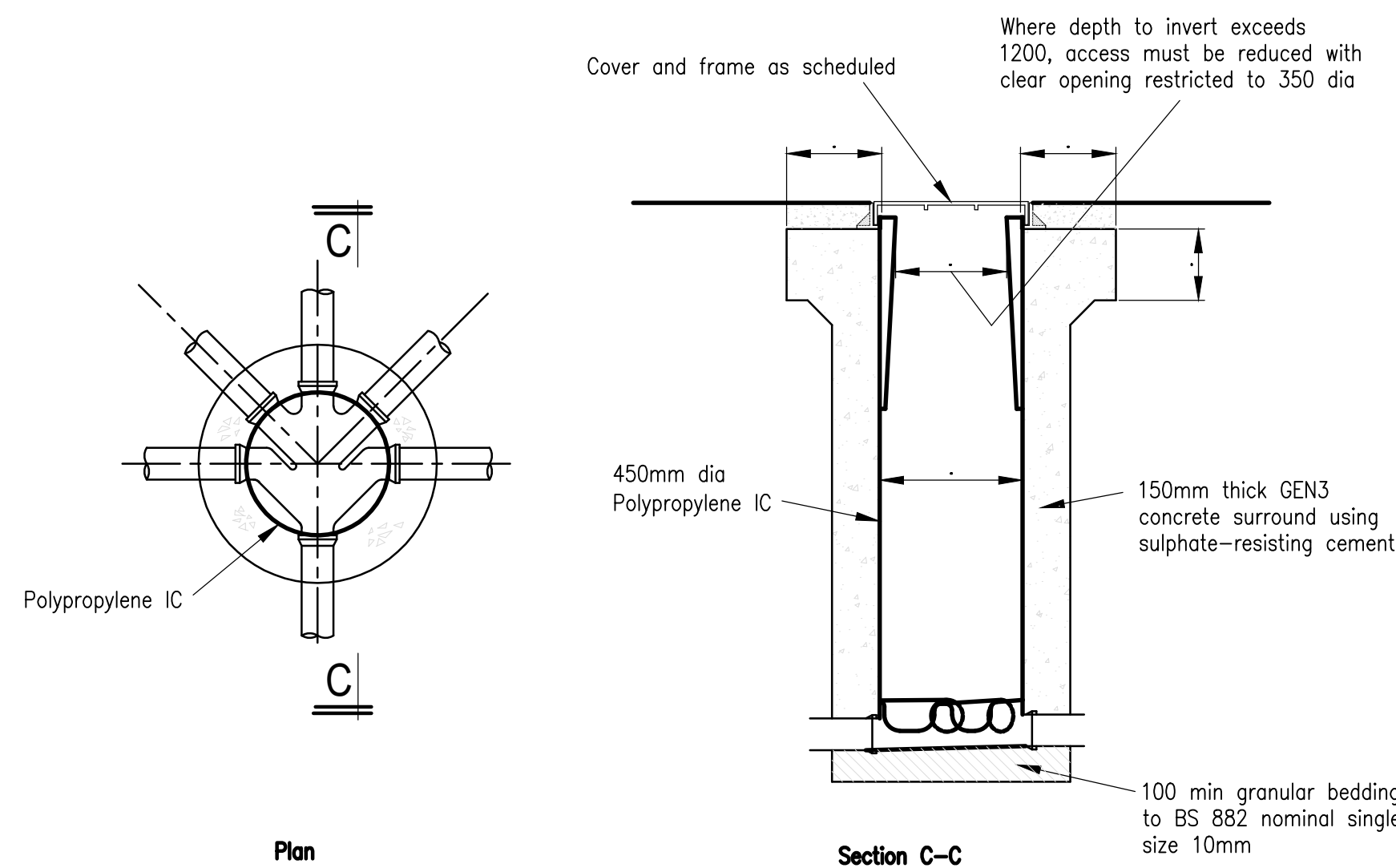
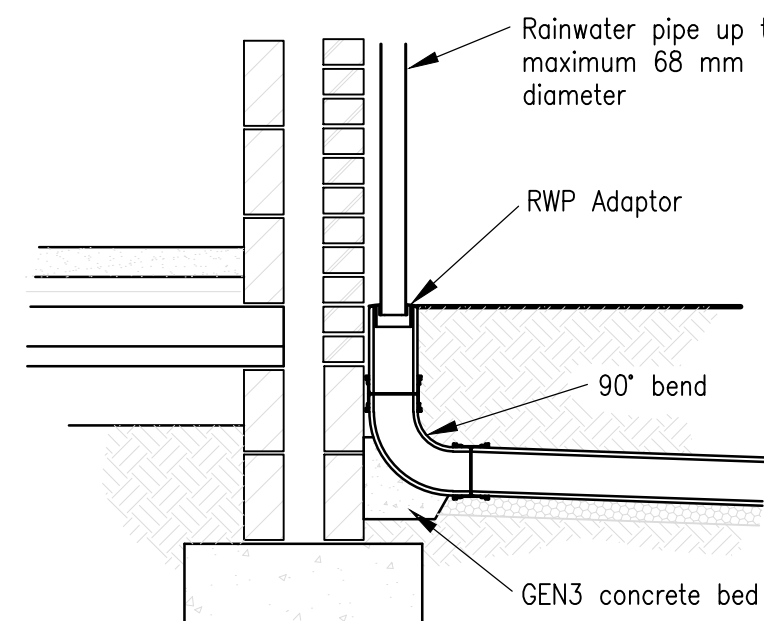
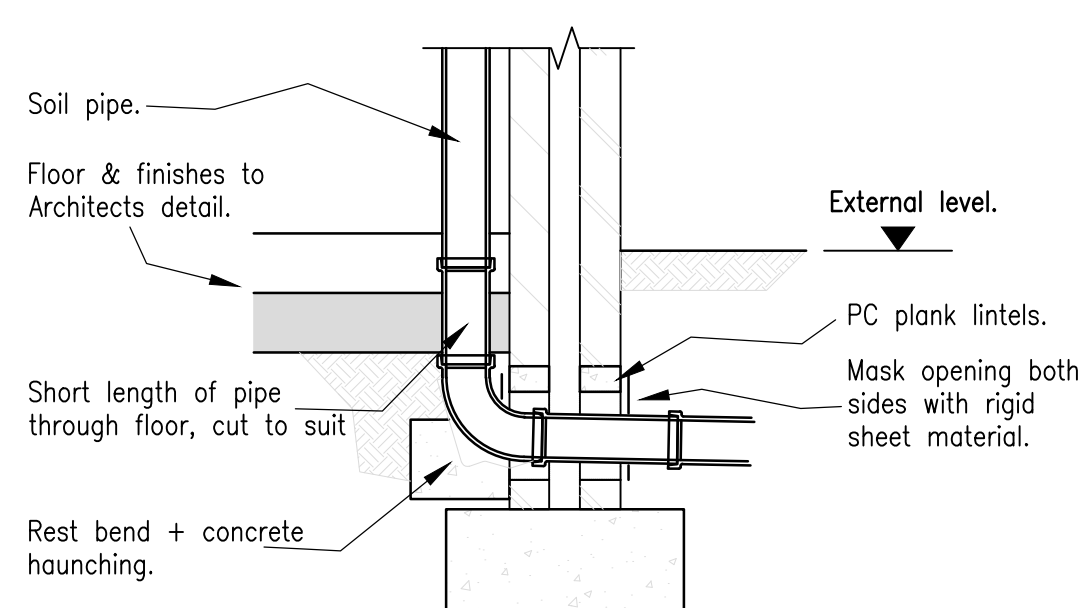


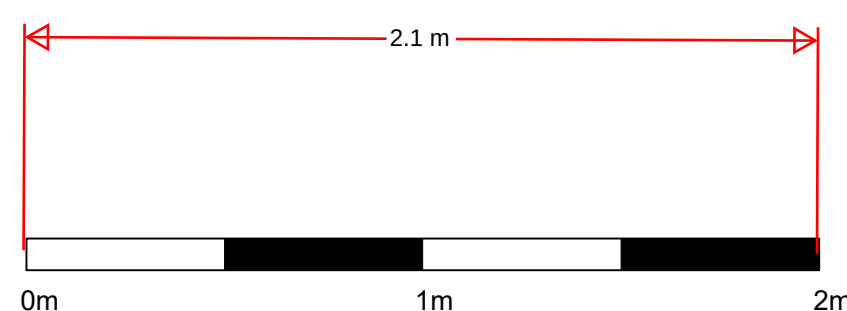
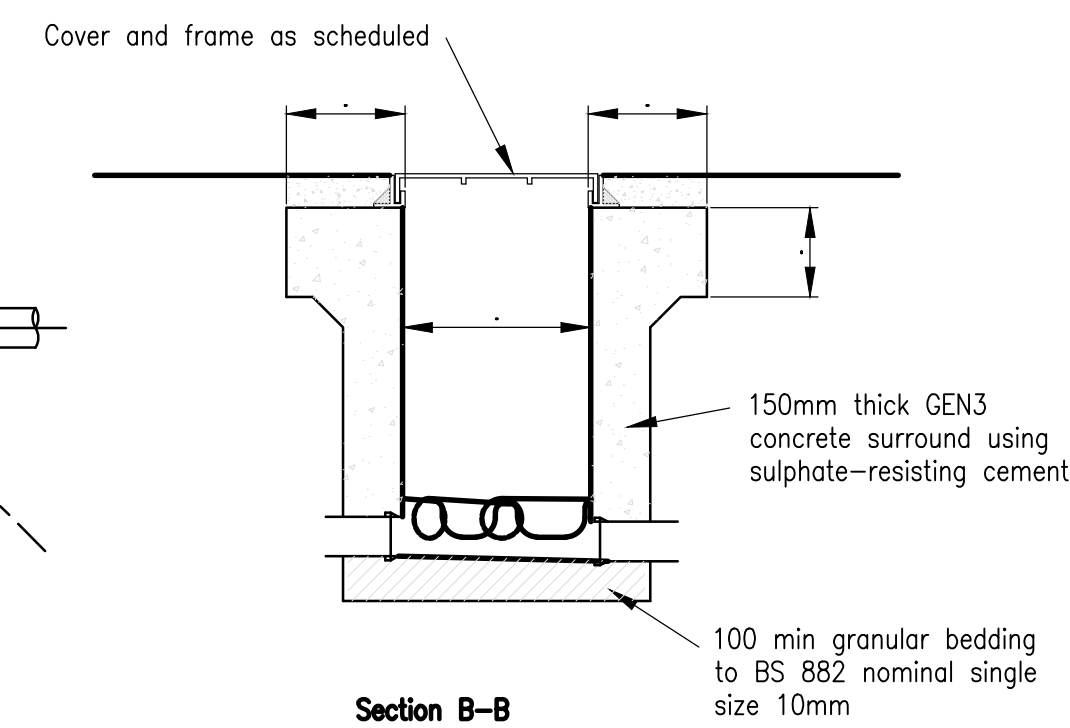
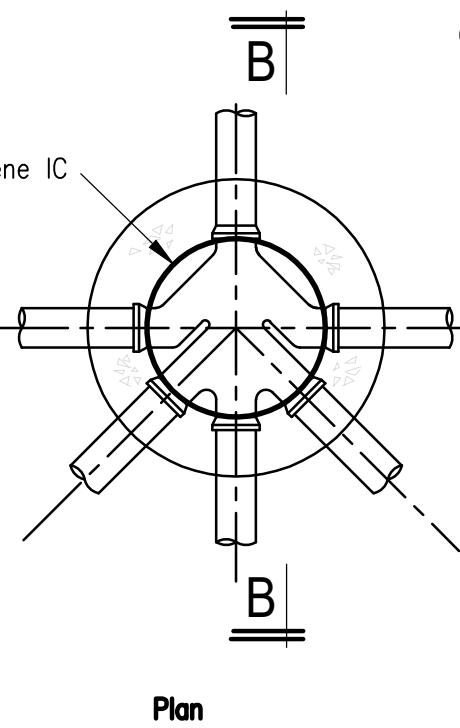
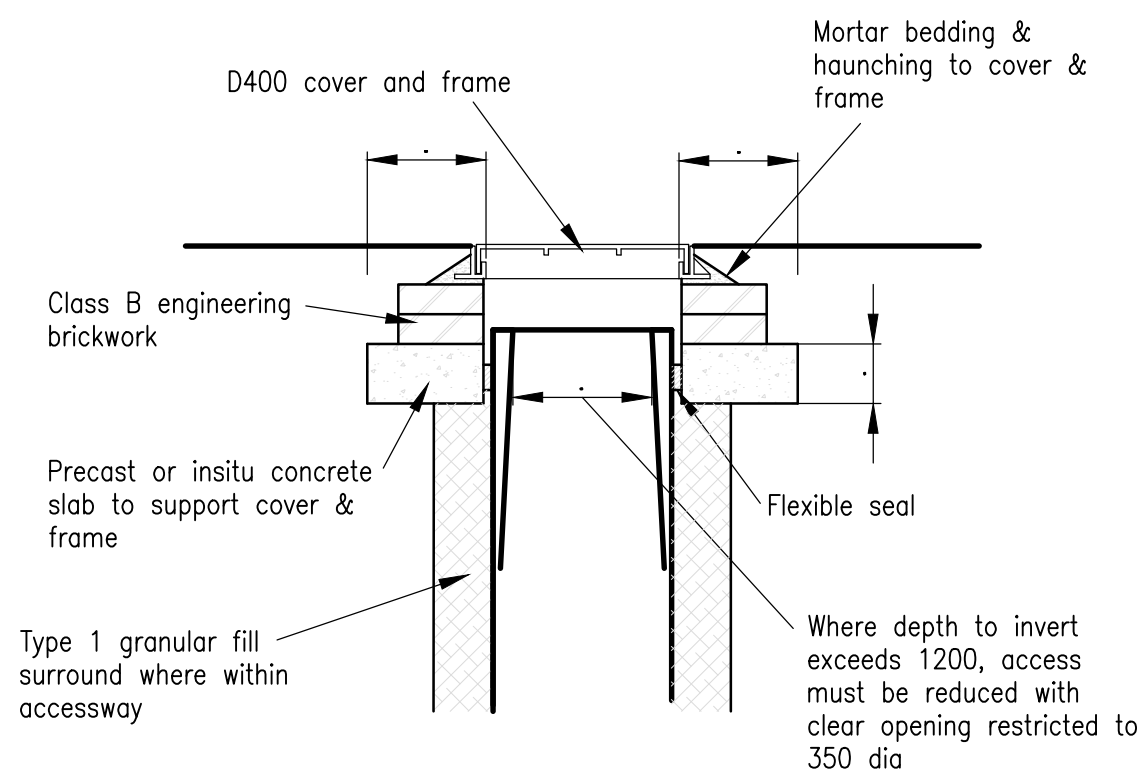
**Reduced Access Polypropylene IC**

(Depth to soffit greater than 1.2m)

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

**Rainwater Pipe Direct Connection Detail****Typical SVP Detail (svp)**

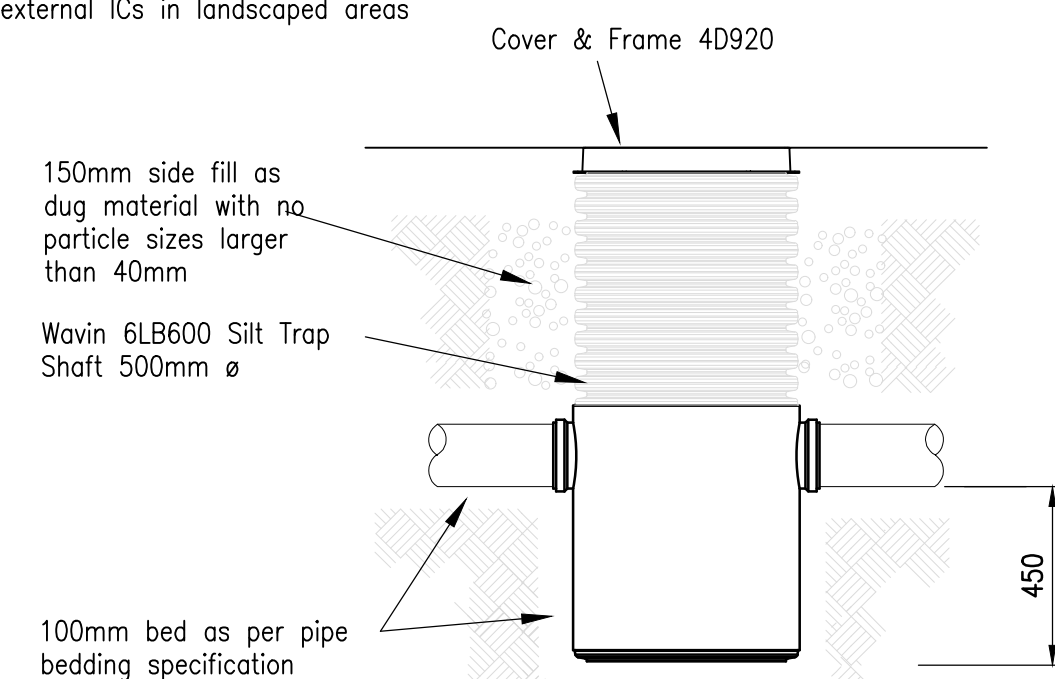
SCALE 1:20

**D400 Cover Detail To Polypropylene IC In Accessway****Polypropylene IC With Concrete Surround**

(Depth to soffit less than 1.2m)

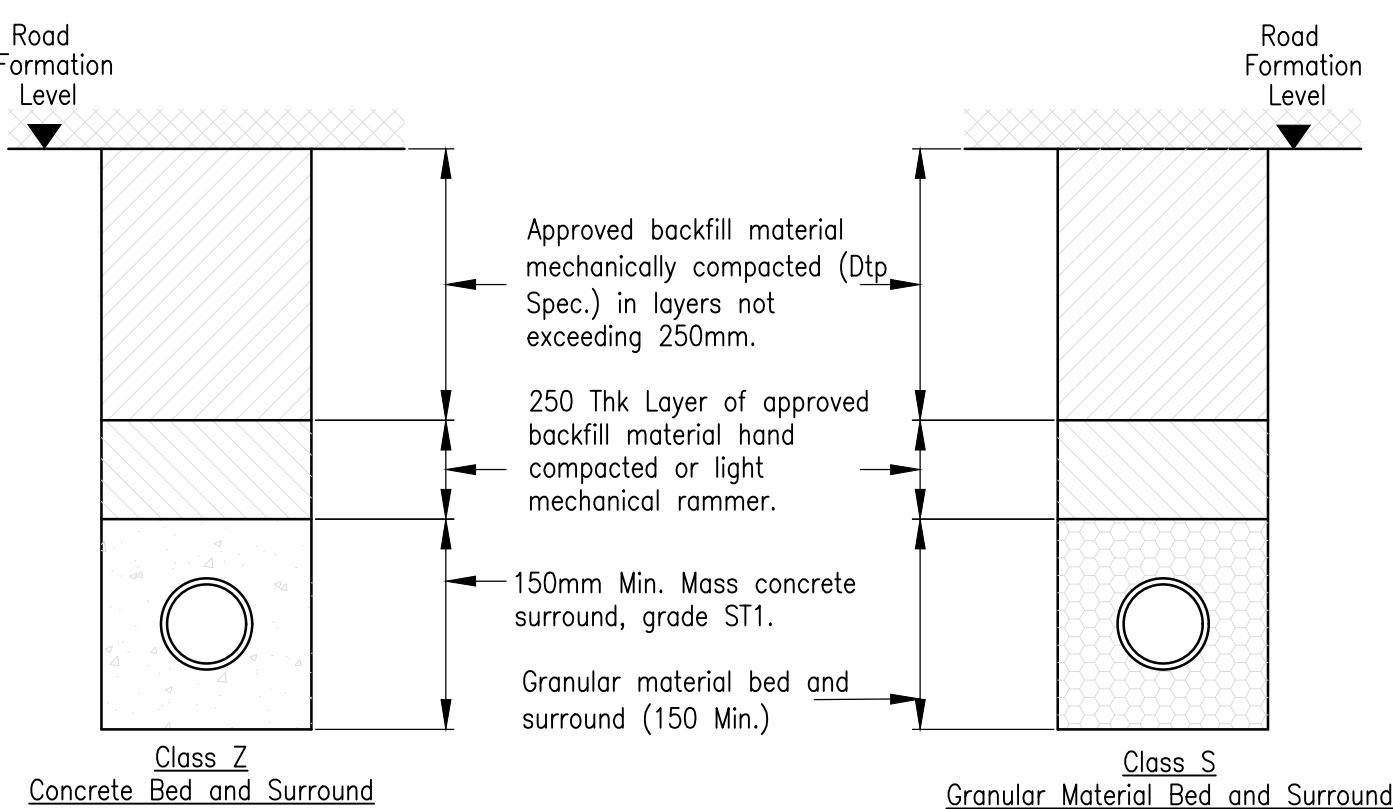
Where depth to invert exceeds 1200 access must be reduced with clear opening 350 dia

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

**Silt Trap Detail**

Location Type	Minimum cover depths			
	Aquacell Eco	Aquacell Prime	Aquacell Core	Aquacell Plus
Landscaped/non trafficked areas.	0.3m	0.3m	0.3m	0.3m
Car Parks, Vehicles up to 1200kg gross mass	n/a	0.71m	0.75m	0.75m
HV/HGV Loadings	n/a	n/a	1.2m	1.1m
Maximum installation depths				
Maximum depth to Base Unit (landscaped)	1.5m	3.7m	4.25m	5.08m
Maximum depth to Base Unit (landscaped)	n/a	3.45m	4.1m	4.78m

- NOTES :
1. Soakaways should be sited at least 5m away from the building. (Ref BS EN 752)
 2. The exact size and shape of the soakaways are to be determined once all the necessary calculations have been produced as described in BRE Digest 365 - Soakaway Design
 3. Maximum installation depth Refer to Table A
 4. Minimum cover 0.3m but 0.5m is recommended to prevent accidental damage
 5. Loading capacity 17.5 tonnes/m² vertically 4.0 tonnes/m² laterally



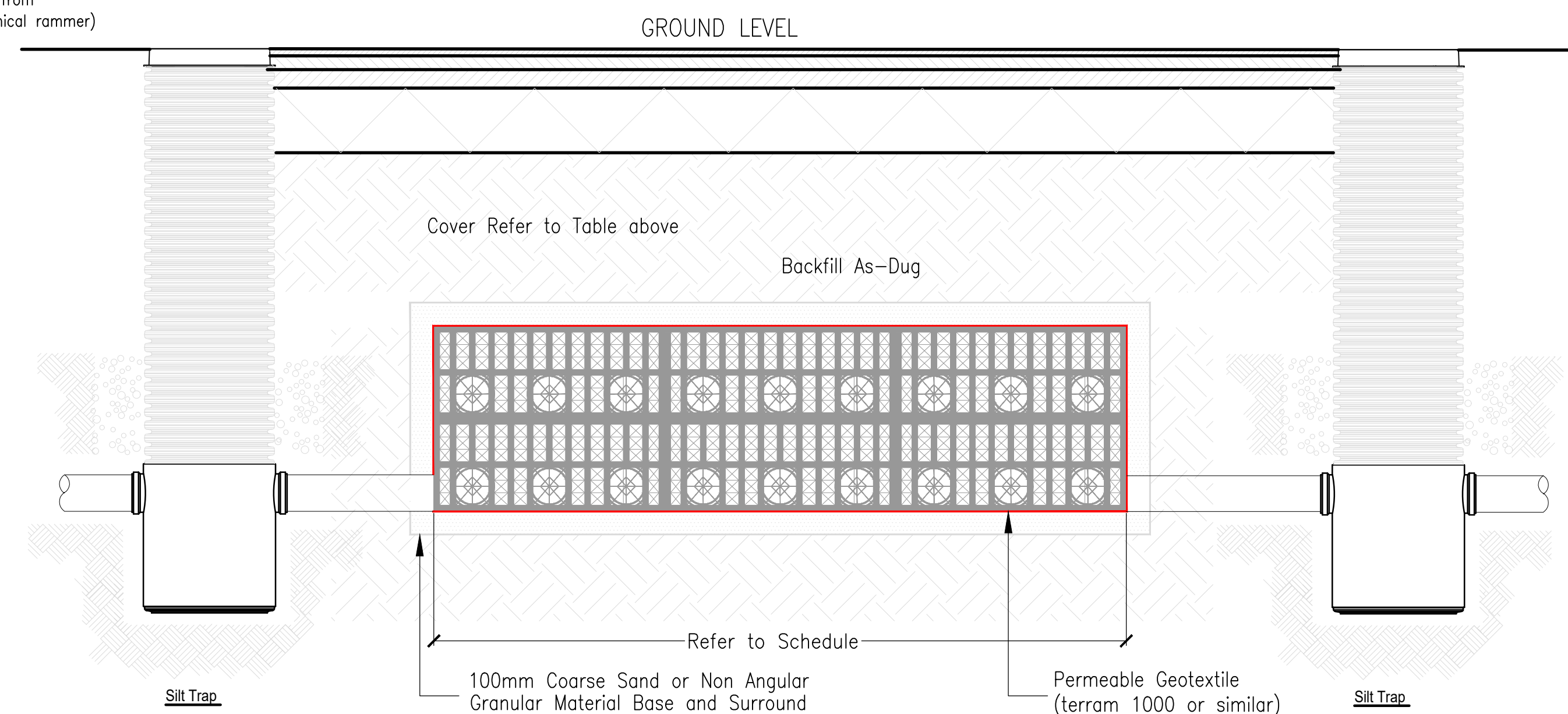
Where cover to crown of pipe is less than 1.2m, and for all road gully connections.

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 adaptable 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

A	Cover over soakaway shown correctly	27.05.22
-	Preliminary	17.02.22
Rev	Revision note	Date

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Title
Drainage Construction Details

Drn By AS	Chk By	DRG NO 539121-103	REV A
Date Jan 22	Scale 1:20		