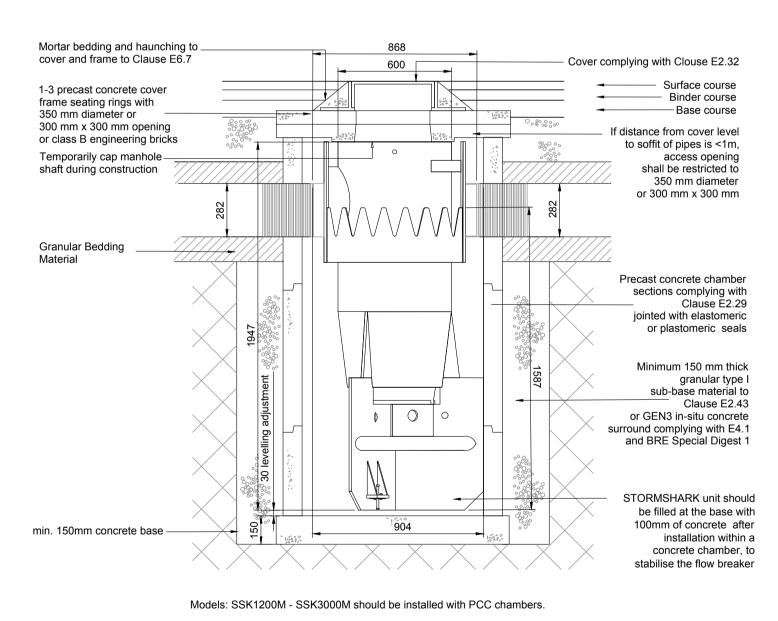


Table 1) Typical Chamber Specification

Chamber diameter (Ømm)	750	900	1050	1200	1500	1800	2100	2400	2700	3000
Step Rungs / Ladder	û	û	√ 2)	✓	✓	✓	✓	✓	✓	✓
Lifting Lugs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Connections (Refer to Manhole sheet)	et) Connections available from 100mm - 3000mm - Dependant on Technical Approv									

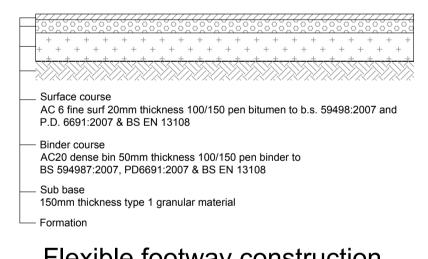
- Step rungs are only available to a depth of 3m, once this depth is exceeded ladders are typically required.
- Ladders cannot be used in chamber diameters smaller than Ø1200mm
- Lifting points are available in standard, extended and heavy duty forms, the correct lifting points will be chosen dependant on weight and diameter.
- Catchpits between Ø450mm Ø600mm will be made from Ridgidrain and cannot contain steps / ladders or lifting lugs.



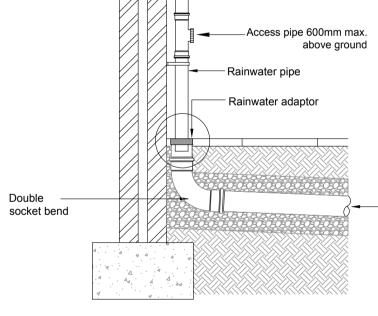
Models: SSK750M - SSK1000M may be installed using polyethylene twinwall chambers. STORM SHARK ADVANCED

Typical Construction Detail (Detail to be read in conjunction with Manufacturer Specification)

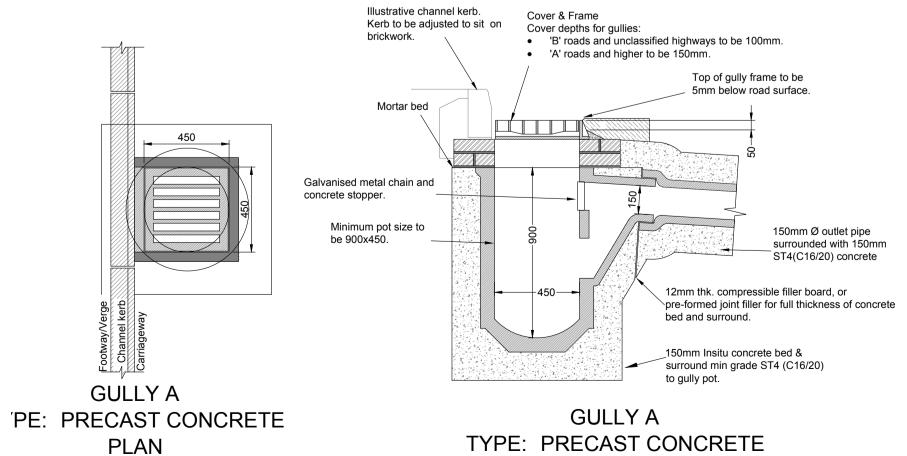
HYDRODYNAMIC VORTEX SEPARATOR



Flexible footway construction



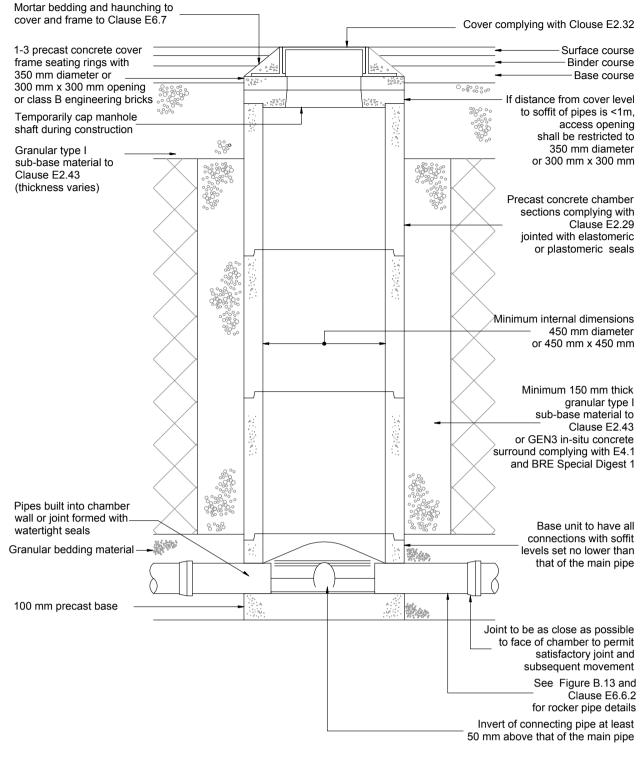
Rainwater pipe connection



TYPE: PRECAST CONCRETE SECTION

FIGURE B 20 **TYPICAL INSPECTION CHAMBER DETAIL - TYPE D**

Depth from cover level to soffit of pipe up to 2 m Rigid material construction for use in areas subject to subject to vehicle loading



Note: Where the access chamber is in the highway (including any footway) ,the highway Authority can have specific requirements

Not to scale

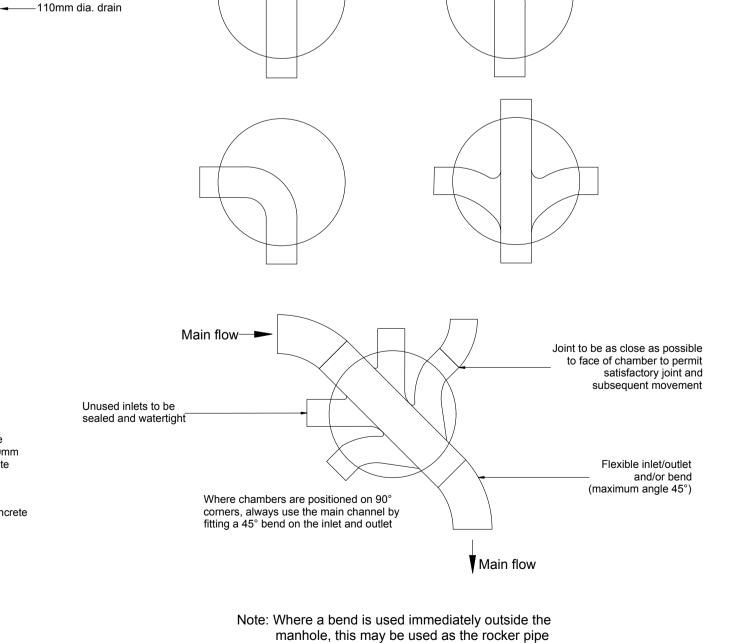
Flexible inlet/outlet

(maximum angle 45°)

to facilitate connection

and/or bend

FIGURE B 22 TYPICAL BASE LAYOUTS FOR TYPE D CHAMBERS



Not to scale

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GENERAL NOTES

Cover complying with Clause E2.32

180 mm diameter or

Minimum 150 mm thick

granular type I sub-base

material to Clause E2.43

and BRE Special Digest 1

complying withh E4.1

or GEN3 in-situ concrete surround

Base unit to have all connections

Cover complying with Clause E2.32

Minimum internal dimensions

or GEN3 in-situ concrete surround

Base unit to have all connections

with soffit levels set no lower than that of the main pipe

Joint to be as close as possible

to face of chamber to permit

satisfactory joint and

subsequent movement

180 mm diameter or

Minimum 150 mm thick granular type I sub-base material to Clause E2.43

complying withh E4.1

and BRE Special Digest 1

225 mm x 100 mm

with a diameter greater than 150 mm set at soffits level

225 mm x 100 mm

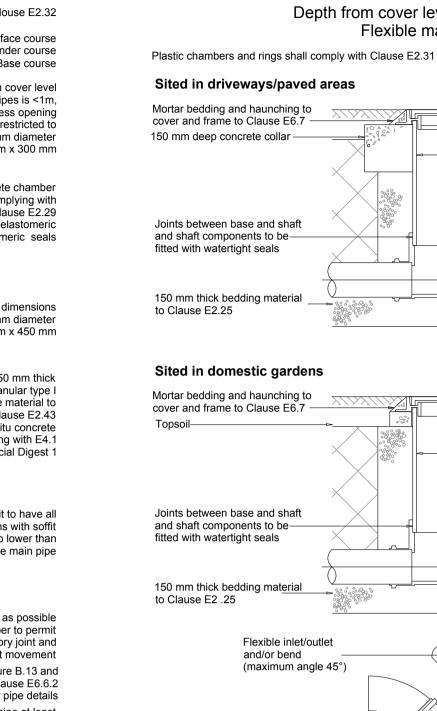
If distance from cover level to soffit of pipe

is>1m, access openong shall be restricted

to 350 mm diameter or 300 mm x 300 mm

FIGURE B 23 **TYPICAL INSPECTION CHAMBER DETAIL - TYPE E**

Depth from cover level to soffit of pipe up to 2 m Flexible material construction



Note: Where the access chamber is in the highway (including any footway) the highway Authority can have specific requirements Not to scale

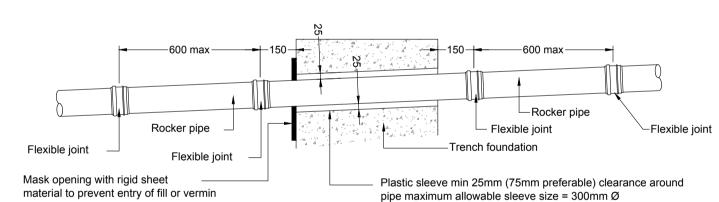
Flexible inlet/outlet

Unused inlet to be sealed and watertight

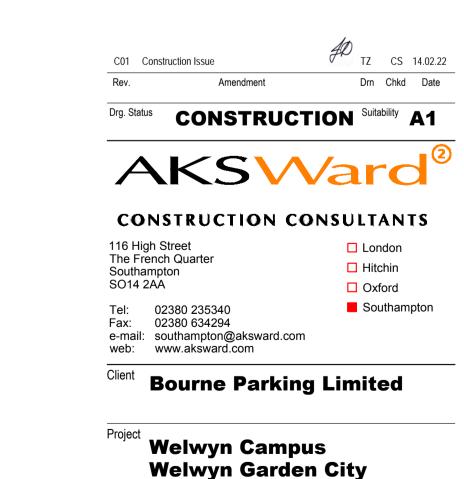
Where chambers are positioned on 90°

corners, always use the main channel by fitting a 45° bend on the inlet and outlet

and/or bend (maximum angle 45°)



Pipes Passing Through Foundations



Typical Construction Details Sheet 2 of 2

14.02.22 Reviewed Scheme JD Date 14.02.22 Reviewed Final JD Date **S208011** Scales at A1 1:20/As Shown

BWG AKSW XX XX DR C 9501 - C01