

CI/Sfb (52.5) In6

JUNE 2001



underground





underground systems

Brett Martin Underground offers a comprehensive range of drainage systems. It includes the Drain, Sewer, Perforated, Surface Water and Cable Duct systems. The entire range incorporates pipes and fittings in eight diameters from 53.9mm to 400mm.

The range has been designed to offer the installer maximum choice and flexibility. Every product has been designed with ease of installation in mind. All products are manufactured to exacting standards ensuring the highest possible levels of performance.

QUALITY ASSURED

When you select an underground system you need to be sure of its pedigree, convinced of its ability to perform, and confident of enduring quality.



The excellence of Brett Martin's Underground systems is recognised through the company's achievement of BS EN ISO 9002. You can be confident that as a BSI Registered Firm our Quality Assurance Programme guarantees that each Brett Martin system is a first class product.



Complete Underground Drainage Systems

DRAIN - BS 4660

110 mm
160 mm

Available in plain ended and single socket form.



terra-cotta



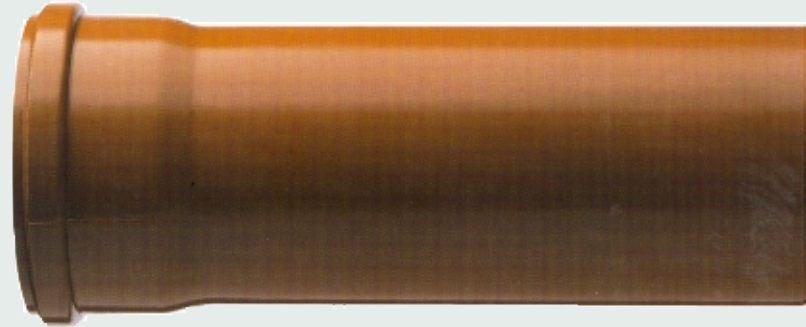
SEWER - BS 5481

200 mm
250 mm
315 mm
400 mm

Available in plain ended and single socket form.



terra-cotta



PERFORATED

DUCT SOCKET

53.9 mm
89 mm
110 mm
160 mm
200 mm

RING SEAL SOCKET

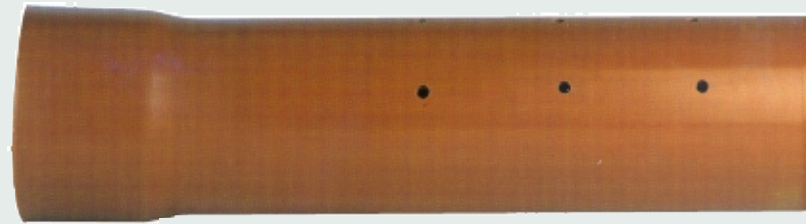
250 mm
315 mm
400 mm



110, 160, 200, 250, 315 & 400mm available in red oxide and terra-cotta.



53.9 & 89mm available in black.



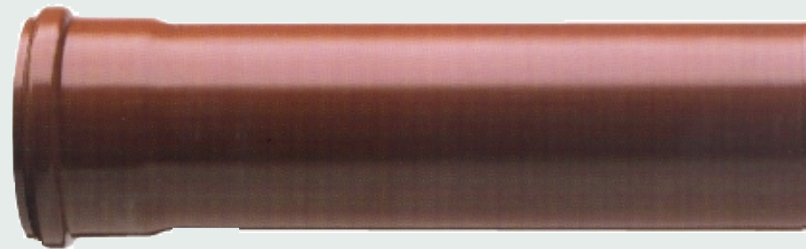
SURFACE WATER

110 mm
160 mm
200 mm

Available in plain ended and single socket form.



red oxide

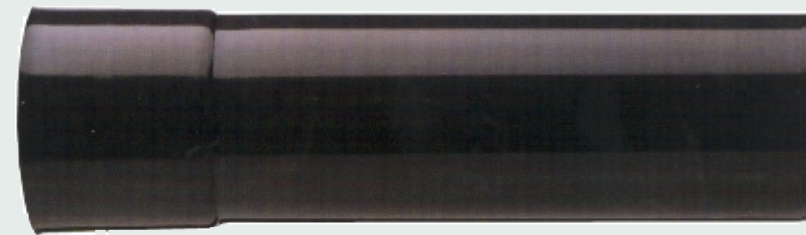


DUCT

53.9 mm
89 mm
110 mm
160 mm
200 mm



black





installation

USEFUL INSTALLATION TIPS

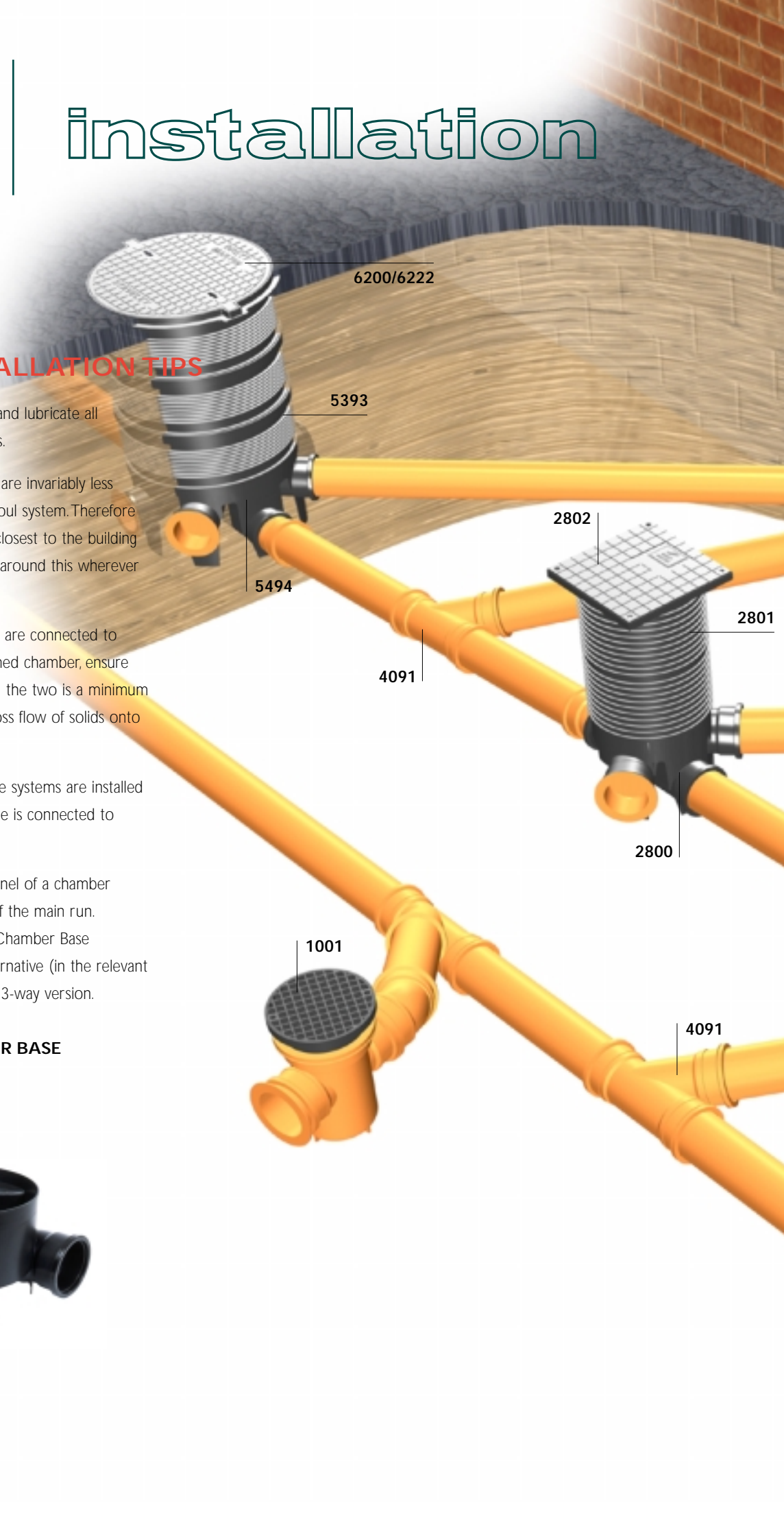
- 1 Always chamfer cut pipe and lubricate all ring seals for perfect joints.
- 2 Storm water connections are invariably less critical than those in the foul system. Therefore lay the foul drain system closest to the building and lay the storm system around this wherever possible.
- 3 Where external soil stacks are connected to the side inlet of a preformed chamber, ensure that the distance between the two is a minimum of 1m to help prevent cross flow of solids onto the opposite benching.
- 4 Where combined drainage systems are installed ensure each rainwater pipe is connected to a gully.
- 5 Always use the main channel of a chamber at a change of direction of the main run. Our 90° Shallow Access Chamber Base (2803) is an excellent alternative (in the relevant situation) to the standard 3-way version.

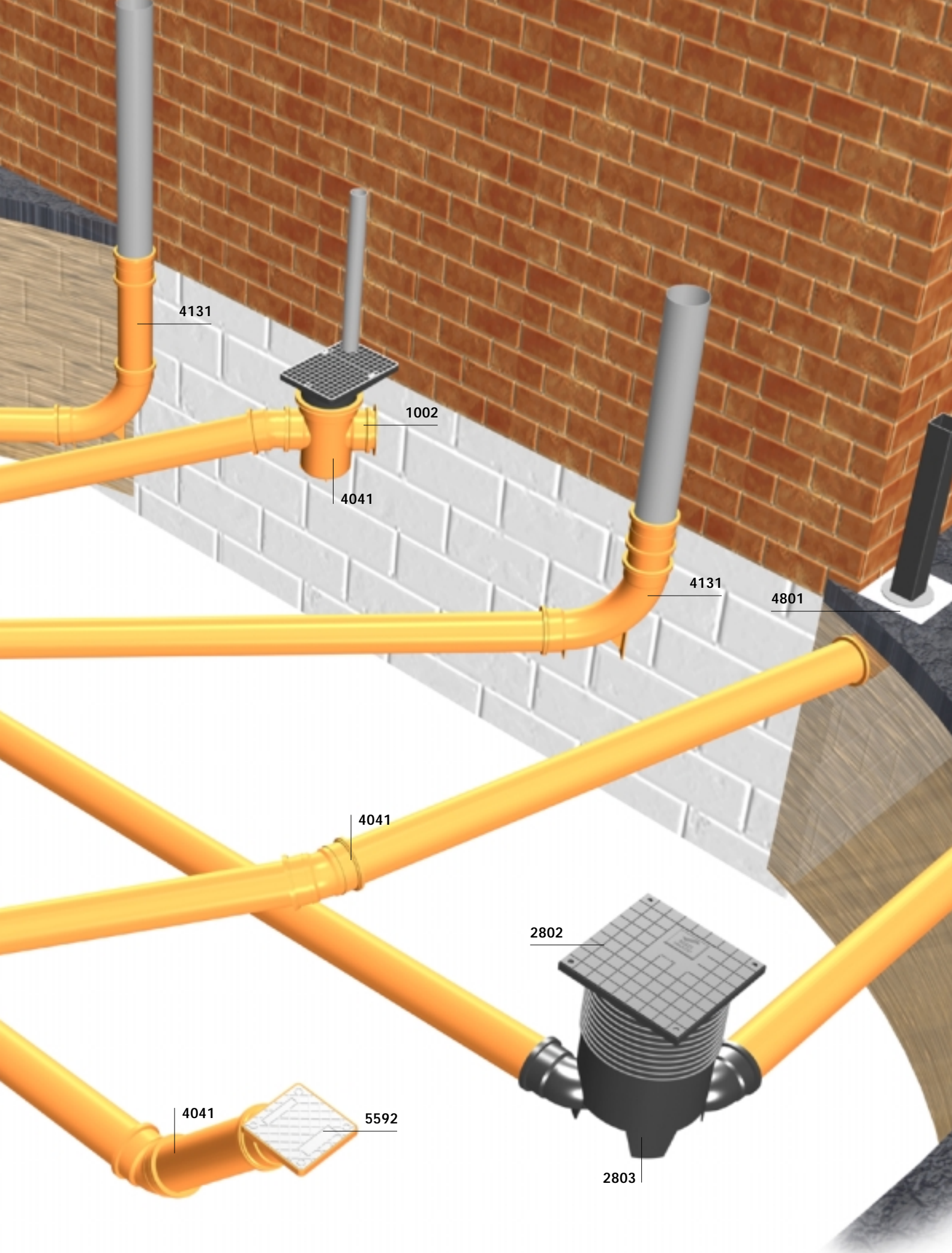
280mm 90° CHAMBER BASE

205mm Invert

CODE: 2803

SIZE: 110mm





Layout used is for illustration purposes only.



product highlights

New Gully Options

The Brett Martin gully range has been extended further to include three new options:

- **Back Inlet Roddable Gully 90° Outlet Round Grid Code - 1001**
- **Back Inlet Roddable Gully 90° Outlet Rectangular Grid Code - 1007**
- **Back Inlet Gully Raising Piece Code - 1001**

A total of nine different versions, in tubular and bottle options are now available in the gully range.

Roddable Back Inlet Bottle Gully

Supplied as a complete package the two available versions offer round or rectangular hoppers with socketed 90° inlet and outlet connections.



Rectangular hopper features a hinged, screw down heavy duty grid.

Heavy duty screw down grating for better security.



Hopper spigot allows 32mm height adjustment allowing accurate final positioning.

Sealed dip tube forms air tight seal.



Lifting 'lip' allows removal of dip tube, without the need to submerge hands.

Black dip tube aids visibility for removal.

Easily removed bung provides back inlet connection.



Tough, durable polypropylene body.

Socketed outlet

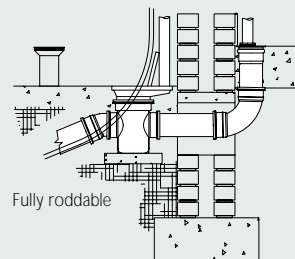
Parallel body provides a wide gap between the dip tube and the body which allows for easy removal of solids.

The gully riser allows up to 200mm variation in invert depth.

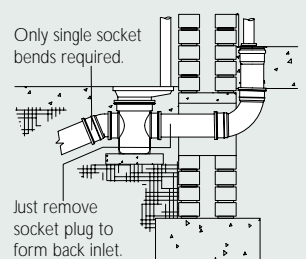


Typical Installation Detail

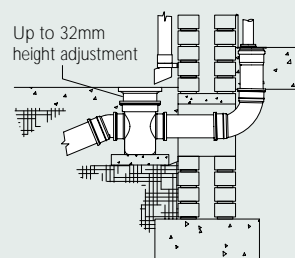
New Bottle Gully Rodding Access



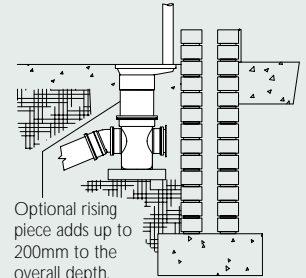
New Bottle Gully with Rectangular Hopper



New Bottle Gully with Round Hopper



New Bottle Gully with Rectangular Hopper & Riser





The Ultra Rib Sewer System

Available in 150mm, 225mm and 300mm diameters this well established sewer system extends Brett Martin's Building Products drainage range into the structured wall sewer market. A wide range of fittings and adaptors ensure that every condition is provided for.



Shallow Access Chamber

The new base has been designed with a dropped main channel to eliminate possible blockages, has integral feet to ease installation, is totally airtight so can be installed internally and yet remains very cost effective.

- Square lid for easy incorporation in paving and tarmac. Strong enough to withstand light vehicular traffic when set in a concrete surround. An airtight lid seal allows the unit to be used internally.
- Two sectional risers give a maximum invert depth of 600mm.
- Simple assembly with the new ring sealing system.
- Base supplied with secure bungs that are easily removed for pipe insertion.
- All joints feature secure rubber ring seals to give trouble-free water tight joints on site.

450mm Inspection Chamber Base

Code - 5696

The injection moulded 450mm diameter Inspection Chamber Base provides an integral facility for 110mm and 160mm pipework and is designed to reduce cross flow. Using a 160mm channel, the Chamber Base features two 160mm inlets at a 90° angle and a further two 110mm inlets to the front set at 45° and complements the existing 110mm channel version.



Adjustable Bends

- **Single Socket - Code - 5030**
- **Double Socket - Code - 4030**

Two adjustable bends have been added to Brett Martin's 110mm diameter drainage range. Single and double socket versions of the bend adjust from 0°-30° with a simple twist of the fitting.

280mm 90° Shallow Access Chamber

Code - 2803

The 280mm 90° Shallow Access Chamber has been specially designed with trouble free installation and cost effectiveness in mind. The principal feature of this chamber is a 90° change of direction through the main channel, ultimately leading to a reduction of components within a dwelling's drainage system, thus reducing costs and installation time.



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