

Standard Notes:

filler board shall be 54mm

Clause 505 of S.H.W.

any voids formed.

503.3 MCDHW).

150mm.

Trafficked₁

joints only.

. All dimensions are in millimetres unless stated otherwise.

2. Refer to Appendix 5/1 of S.H.W. for pipe and bedding alternatives.

3. The joint detail for pipe surround on Type Z drains is for flexible

4. For pipes with nominal diameter below 450mm, the thickness of

compressible joint filler board shall be 18mm. For pipes with a

1200mm, the thickness of joint filler board shall be 36mm. For

5. The minimum or maximum width of the trench applies on and

6. The concrete bed or surround may extend to the sides of the

. Granular pipe bed and surround material, consisting of natural

B. For Type Z trench the concrete cover may be formed to a radius

batter or horizontal surface. Minimum cover of concrete shall be

Nominal pipe | Nominal maximum

bore (mm) partial size (mm)

Expansion Joint for Type Z

100

100 TO 150

150 TO 300

Table 1 Processed Granular Bedding and Sidefill

Material specification

10mm nominal single

sized

10 or 14mm nominal

single sized or 14mm

to 5mm graded

10, 14 or 20mm

nominal single sized

or 14mm to 5mm

graded or 20mm to

5mm graded

-Compressible board or preformed joint filler for full thickness of concrete

bed or surround and at

intervals not exceeding

8m and to coincide with

Flexible pipe joint

pipe joints

pipes exceeding 1200mm nominal diameter, the thickness of joint

below a line 300mm above the outside top of the pipe. Above the

trench or be a minimum width. Class 8 material is to be used to fill

and/or recycled coarse aggregate or recycled concrete aggregate, should have the following specification (in accordance with clause

300mm line the trench backfill material shall be as described in

nominal diameter of 450mm or greater, but not exceeding

Details Key:

Topsoil

X = Pipe Diameter Ø

Non-trafficked

Class 8 material to S.H.W. Clause 503.3 (iv)

Granular material Type 1 sub-base to S.H.W.

Clause 803 compacted in accordance with Clause

Granular material to S.H.W. Clause 503.3 (i) Table 1

Non-trafficked

below (processed granular bedding and sidefill)

Trafficked

Concrete to S.H.W. Clause 503.3 (iii)

General fill to S.H.W. Clause 505.2

Carriageway construction

612, table 6/4 method 6

S.H.W. = Specification for Highway Works

X + 600 max.

X + 300 min.

Note: Type S is the preferred

granular bed and surround detail.

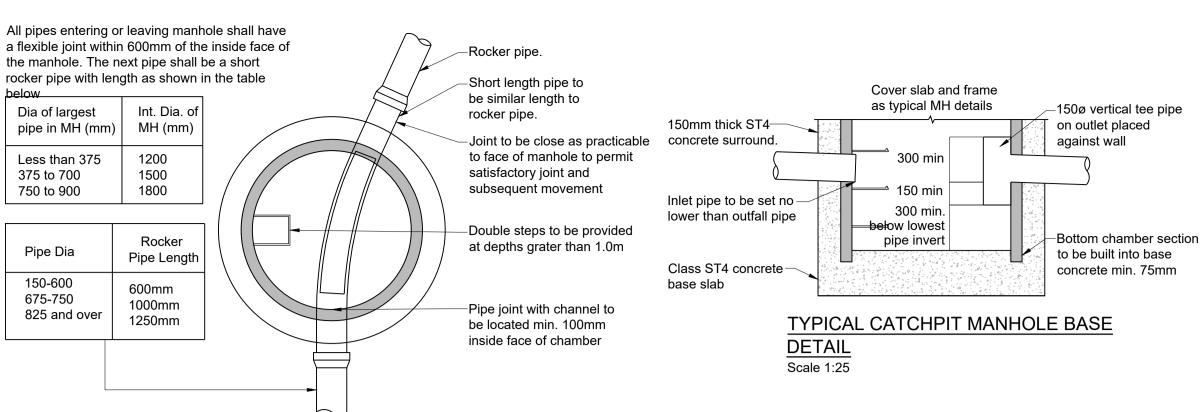
To be used where cover to pipe

soffit is greater than 1200mm in

areas (ie. Footways, verges, etc)

vehicular areas and in non-trafficked

Type S



PLAN

- RWP to architects detail

RTNA05002 RWP FILTER UNIT WITH

REMOVABLE RBG FILTER COVER

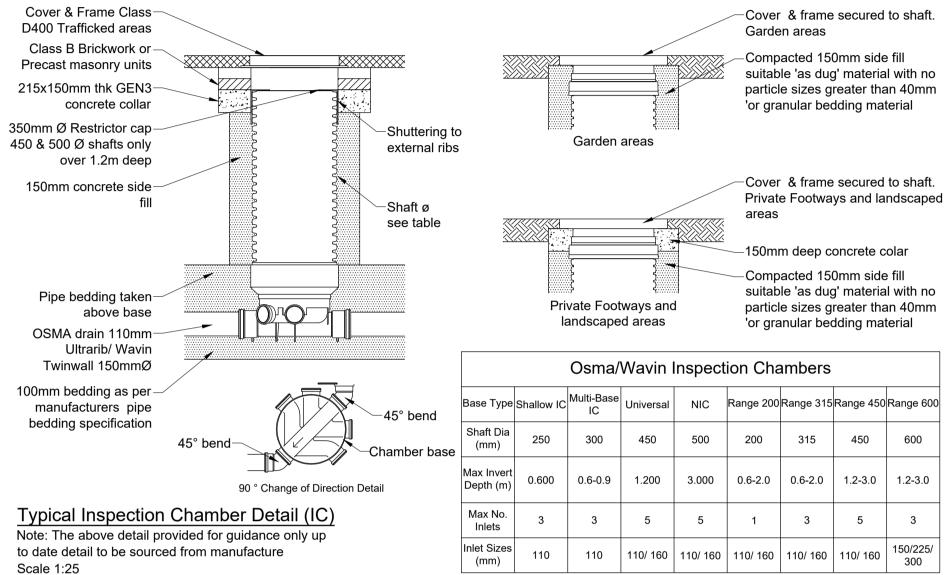
360mm X 360mm X 341mm DEEP

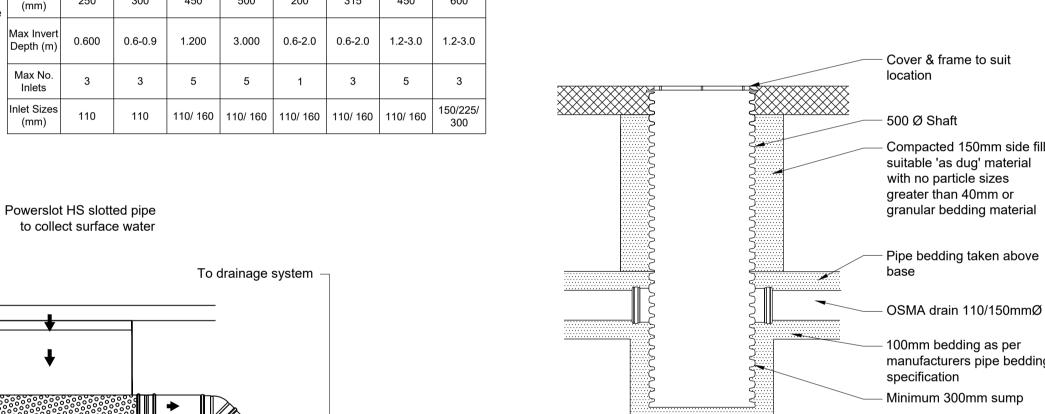
Permeable Sub-Base reservoir

AND DIFFUSER BASE

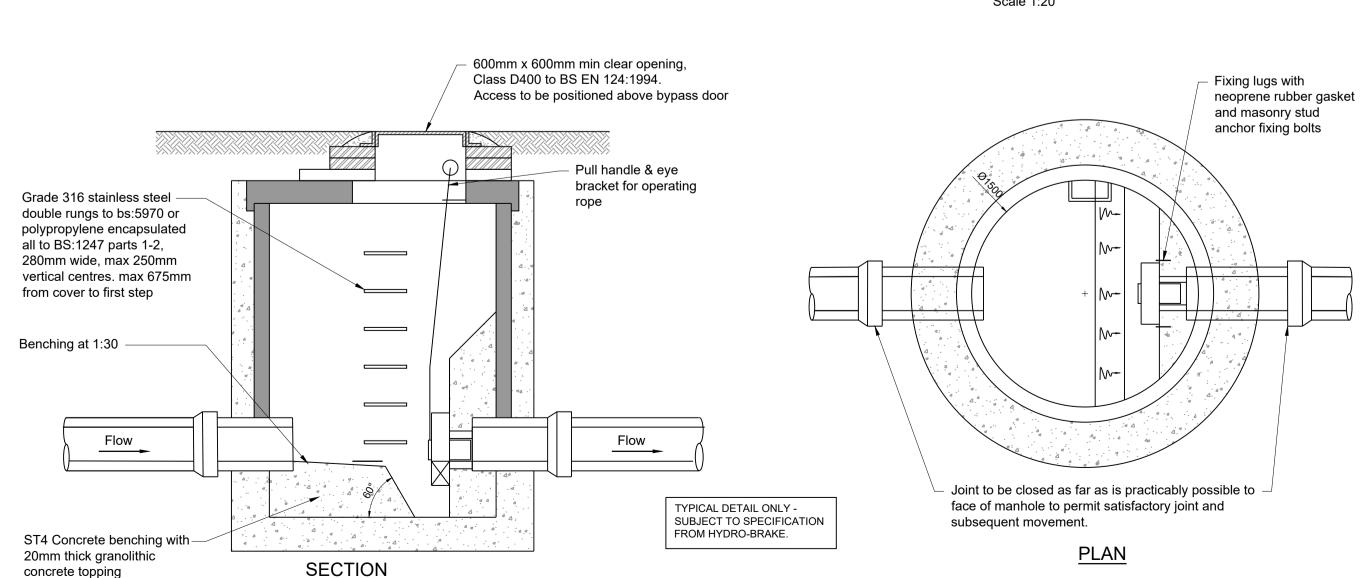
BY SEL 01254 589987

Section through RWP discharging to permeable construction and outlet





Typical Silt Trap (ST) Arrangement Installed as inspection chamber



TYPICAL BEDDING DETAILS Note: The above details provided for guidance only, refer to manufacturers technical manual for installation guidance and further details. Scale 1:20

X + 600 max.

X + 300 min.

Note: Type Z is recommended where

depths of cover are less than 1.2m in

Vehicular areas. Joint filler board shall

socket at a pipe joint and shall extend

through the full thickness of the

be placed in contact with the end of the

concrete in contact with the pipe, these

should be placed at each pipe joint.

Type Z

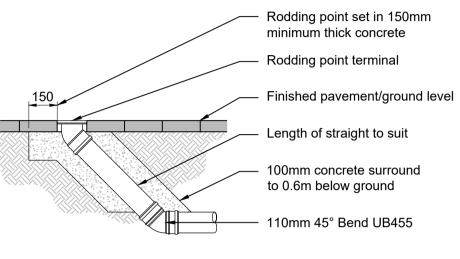
Note: Refer to Typical Manhole Detail for details of manhole construction

Flow Control Chamber - Typical Section

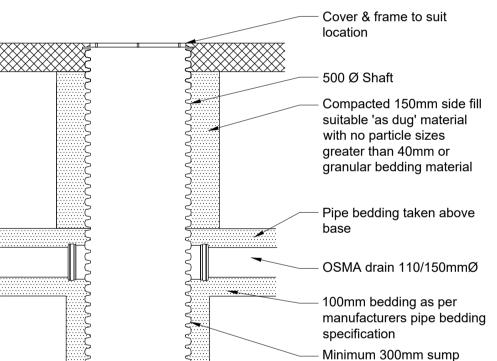
concrete topping

Note General:

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Typical Rodding Eye **Access Point Detail** Scale 1:20



Rev By Chkd Description

This drawing and the works depicted

PRELIMINARY

First Issue

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Connaught Road Attleborough Norfolk NR17 2BW Telephone: (01953) 452001 Fax: (01953) 456955 E-mail: pdc@plandescil.co.uk www.plandescil.co.uk

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Herin Property Investments LLP

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Drawing Title

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