0 100

DIAMETER OF LARGEST PIPE	INTERNAL DIA. OF MANHOLE
<375mm	1200mm
375 - 700mm	1500mm
750 - 900mm	1800mm

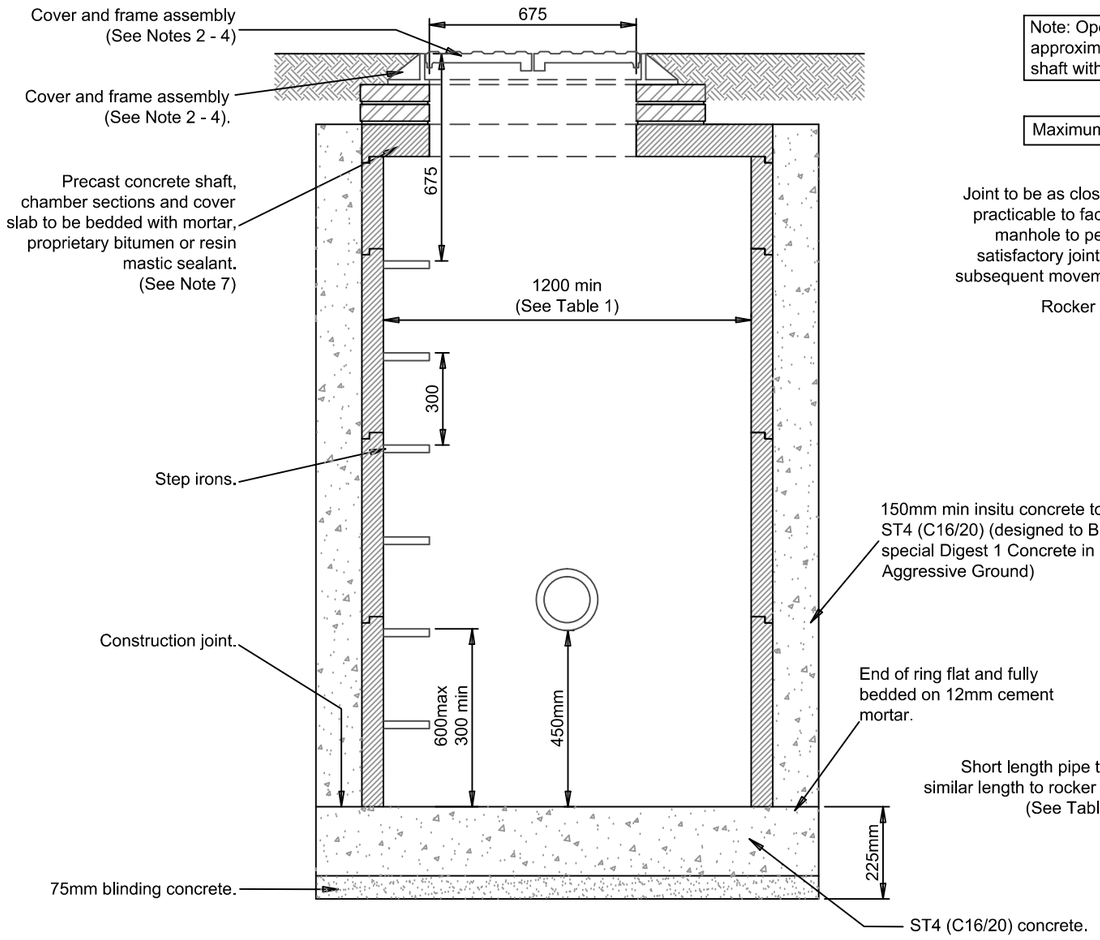
TABLE 1.

NOMINAL DIAMETER	ROCKER PIPE LENGTH
150 - 600mm	0.6m
>600 - 750mm	1.0m
>750mm	1.25m

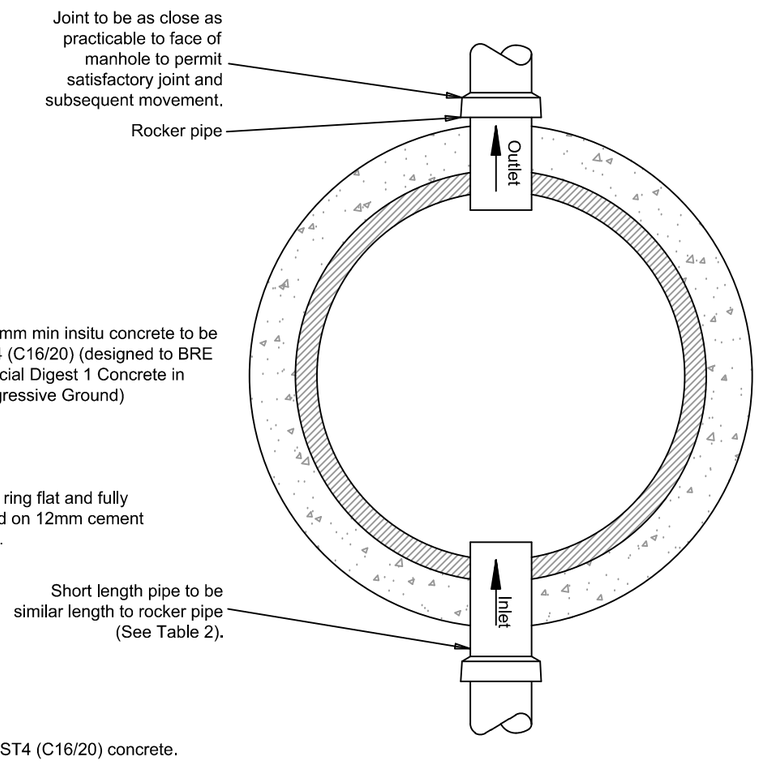
TABLE 2

Note: Opening to be offset from centre by approximately 200mm for 1200mm diameter shaft with rungs/ladder.

Maximum depth from cover level to soffit of pipe 3.0m.



SECTION
(Scale 1:20)



PLAN
(Scale 1:20)

NOTES

1. Do not scale from this drawing. All dimensions in millimeters unless otherwise specified
2. Cover Grade shall be minimum D400 unless otherwise agreed with the Engineer. 675mm clear opening.
3. Manhole cover and frames shall comply with the relevant provisions of BS EN 124, BS 7903 and Highway Agency Guidance Document HA 104/02. They shall be of a non-rocking design which does not rely on the use of cushion inserts. All manhole covers shall be the non-ventilating type and shall have closed keyways.
4. Frames shall be bedded on a gauged Class 1 (3:1) sand/cement mortar to Cl.2402 of SHW Mortar Designtation (i), and between 2 and 4 courses of Engineering Brickwork Class 'B' to BS EN 771-1:2011.
5. Steps for manholes and other chambers shall be Type D Class 1, complying with the requirements of BS EN 13101: 2002.
6. Precast concrete manhole pattern step irons at 300mm centres vertically and staggered 300mm horizontally between centres.
7. On manholes less than 1.5mØ reducing slab not to be used and PC rings to continue up to cover slab.
8. Pre-cast concrete products shall comply with the relevant provisions of BS 5911: Part 2, 200 & 230.
9. The number of incoming branches and invert levels may vary.
10. Cover and frame may be installed as a 'gully top' where appropriate.
11. The work shown on this drawing could affect statutory undertakers apparatus and the contractor is required to verify the location and depth prior to the commencement of work and take all precautions necessary when working in the vicinity of such apparatus. Utility Information is produced from a digital source and no guarantee can be given regarding its accuracy. It is the recipients responsibility to check the accuracy of measurements given. Should discrepancy occur please contact the issuing authority to seek clarification.
12. The use of this drawing does not absolve the client of their responsibilities under Health & Safety: The Construction (Design & Management) Regulations 2015

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Rev	Revision details	Chkd	Appd	Date

Drawn: MJR
Checked: GTR
Approved: DMT
Date: 21/07/16

DRAWING STATUS
ISSUE

File Ref: L:\Traffic Engineering Team\Standard Drawings\Wiltshire Council - Final Approved Standard Drawings

Client:
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Where everybody matters
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Project Name:
WILTSHIRE COUNCIL - HIGHWAYS & TRANSPORT
STANDARD HIGHWAY CONSTRUCTION DETAILS

APPROVED
CONTRACTOR TO ENSURE LATEST DETAILS ARE USED

Drawing Title:
SERIES 500 - DRAINAGE
TYPE B CATCHPIT

Original Sheet Size : A3
Scale : 1:20
Dimensions : mm
Drawing No.
WC-HCD-500-D008-
Rev:
0