



SECTION A-A

TYPE	LARGEST PIPE DIA	CHAMBER SIZE
M4A	UP TO 225	900 x 675
M4B	300 UP TO 375	900 x 900

TABLE 1

NOMINAL PIPE DIA	EFFECTIVE LENGTH
150 TO 375	600

TABLE 2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL PIPES CONNECTING TO THE CHAMBER SHALL HAVE AN ARTICULATED SECTION (ROCKER PIPE) WITH A JOINT AS CLOSE AS POSSIBLE TO THE CHAMBER TO PERMIT SUBSEQUENT MOVEMENT. THE LENGTH OF ARTICULATED PIPES SHALL BE AS SHOWN IN TABLE 2, BELOW.
3. IF THE CHAMBER IS TO BE TRAFFICKED WITHIN 48 HOURS OF BRICKWORK CONSTRUCTION A RAPID HARDENING CEMENTITIOUS OR POLYESTER RESIN MORTAR SHALL BE USED.
4. FOR MANHOLES TO BE ADOPTED BY OTHERS, THE REQUIREMENTS REGARDING THE PROVISION OF STEP IRONS ARE CONTAINED IN APPENDIX 5/1. OTHERWISE, STEP IRONS ARE NOT TO BE INSTALLED.
5. ALL CEMENT USED IN INSITU CONCRETE SHALL BE CII(A OR B)-S OR CIII A OR B TO BS 8500-2, TABLE 1 AND ANNEX A.
6. INTERNAL DIMENSIONS OF MANHOLE NOMINALLY 900mm x 675mm BUT MANHOLE WIDTH SHOULD BE INCREASED FOR PIPES LARGER THAN 225 DIAMETER TO GIVE 225 WIDE BENCHING EACH SIDE. BRICKWORK SHALL CORBELLED DOWN TO SUIT.
7. IF THIS MANHOLE IS TO BE ADOPTED BY OTHERS, APPROVAL FOR ITS INSTALLATION MUST BE OBTAINED FROM THE RELEVANT AUTHORITY.
8. THE CONTRACTOR IS TO PROVIDE TEMPORARY WORKS DETAILS AND A METHOD STATEMENT FOR APPROVAL BY THE OVERSEEING ORGANISATION AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD
-	-	-	-	-	-

CONSULTANT

STUART JARVIS BSc DipTP FCIHT MRTPI DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

STANDARD DETAILS

DRAWING TITLE

**MANHOLE
TYPES M4A & M4B
(BRICK, DEPTH LESS THAN 1.0m)**

HCC CADplot: 18.Sep.2015 at 2:09pm		SCALE @ A3
DRAWN MC	CHECKED WW	N.T.S
CAD MC	APPROVED CP	DATE July 2015
DRG No. HCC10/D/060		REVISION -

Copyright Hampshire County Council. 2015

All rights, including translation, reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopied, recorded or otherwise) without the prior written permission of Hampshire County Council. Requests should be directed to the Economy, Transport & Environment Department.