



TYPE	LARGEST PIPE DIA	CHAMBER SIZE
M3A	UP TO 225	1240 x 675
M3B	375 UP TO 700	1240 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, TABLE 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 1240mm x 675mm BUT MANHOLE WIDTH SHOULD BE INCREASED FOR PIPES LARGER THAN 225mm DIAMETER TO GIVE 225mm BENCHING EACH SIDE. BRICKWORK SHALL CORBELLED DOWN TO SUIT.
7. APPROVAL OF THE UNDERTAKER MUST BE GIVEN FOR INSTALLATION OF THIS TYPE OF MANHOLE.
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 M3A & M3B  
(BRICK, DEPTH EXCEEDING  
1.0m BUT NOT 1.5m)**

HCC CADplot: 24.Mar.2020 at 8:52am					
DRAWN	MC	CHECKED	JPR	SCALE @ A3	N.T.S
CAD	MC	APPROVED	CDP	DATE	March 2020
DRG No.	HCC11/D/055				REVISION

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