

REINSTATE ABOVE COVER SLAB AS FOLLOWS:
 (i) CARRIAGEWAYS - IN MATERIALS SPECIFIED IN APPENDIX 7/1.
 (ii) FOOTWAYS AND OTHER PAVED AREAS - TO FORMATION LEVEL IN SUBBASE TO CLAUSE 803 OR 894AR.
 (iii) GRASSED AREAS - TO UNDERSIDE OF TOPSOIL IN COMPACTED GENERAL FILL MATERIAL.

COVER AND FRAME SHALL HAVE A CLEAR OPENING AS DESCRIBED IN APPENDIX 5/1. THE FRAME SHALL BE BEDDED ON MINIMUM 15 THICKNESS OF POLYESTER RESIN MORTAR. WHERE IN THE VERGE, A MORTAR HAUNCH IS TO BE PROVIDED TO COVER AND FRAME.

NOTES CONTINUED:

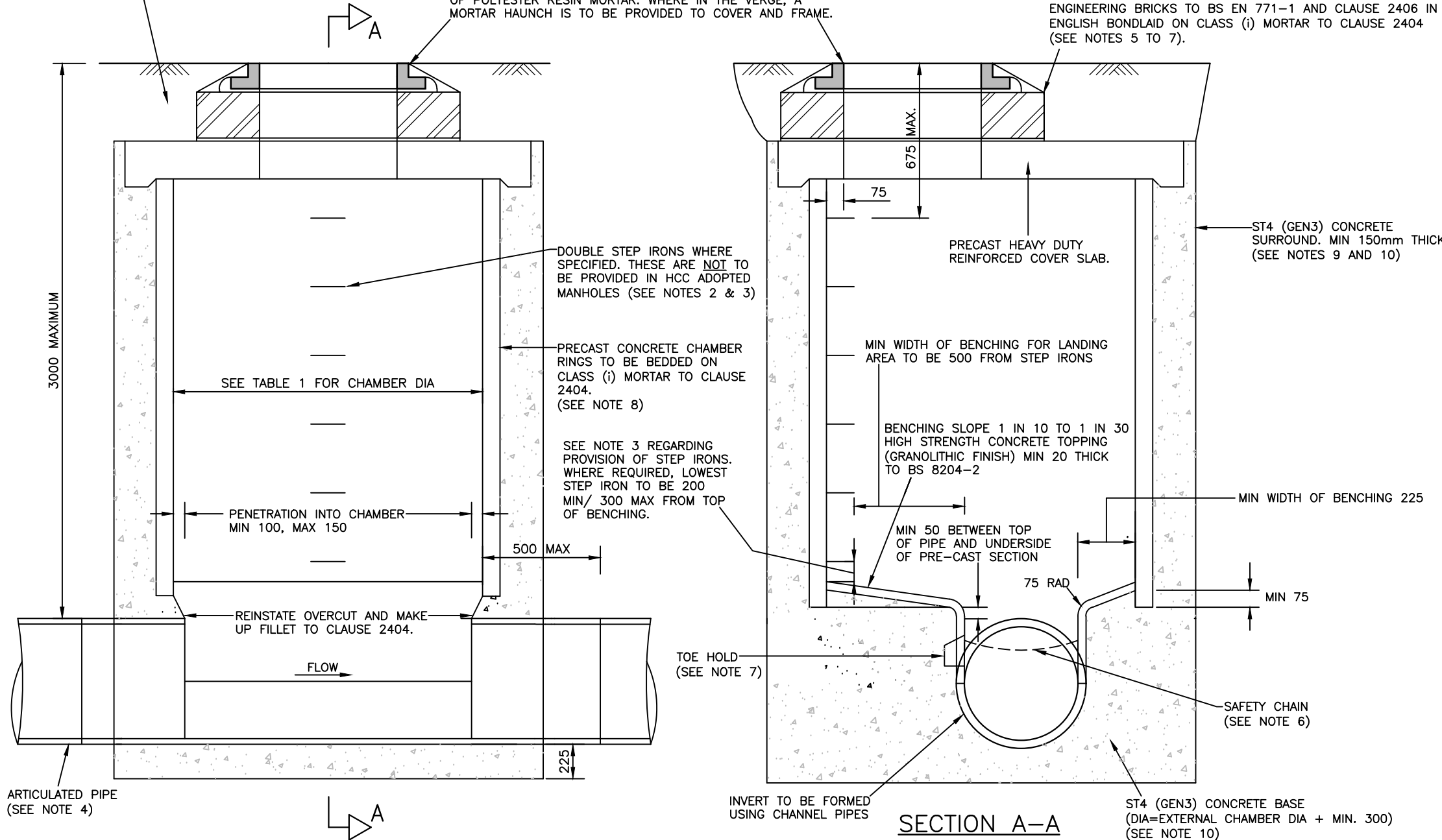
- ALL CEMENT USED IN INSITU CONCRETE SHALL BE CII(A OR B)-S OR CIII A OR B TO BS 8500-2, TABLE 1 AND ANNEX A.
- THE HEIGHT OF EACH POUR OF THE CONCRETE SURROUND SHALL NOT EXCEED 2000. THERE IS TO BE A MINIMUM OF 150 BETWEEN ANY CONCRETE CONSTRUCTION JOINT AND A JOINT IN THE PRECAST MANHOLE SECTIONS.
- 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.

CONSTRUCT A MINIMUM OF 2 AND MAXIMUM OF 4 COURSES OF 225 HIGH DENSITY TYPE CLASS B SOLID CLAY ENGINEERING BRICKS TO BS EN 771-1 AND CLAUSE 2406 IN ENGLISH BOND LAID ON CLASS (i) MORTAR TO CLAUSE 2404 (SEE NOTES 5 TO 7).

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- CHAMBER RINGS, COVER SLAB AND MANHOLE STEPS ALL TO BS 5911-3, BS EN 1917 AND BS EN 13101. WHERE SPECIFIED, MANHOLE STEPS (SEE NOTE 3) ARE TO BE GALVANISED MILD STEEL OR PLASTIC ENCAPSULATED AND FITTED AT THE FACTORY.
- FOR MANHOLES TO BE ADOPTED BY OTHERS, THE REQUIREMENTS REGARDING THE PROVISION OF STEP IRONS/LADDERS ARE CONTAINED IN APPENDIX 5/1, TABLE 5/1 AND "SEWERS FOR ADOPTION". OTHERWISE, STEP IRONS AND LADDERS ARE NOT TO BE INSTALLED.
- 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 THE ARTICULATED PIPES SHALL BE AS SHOWN IN TABLE 2 ON THIS DRAWING.
- IF THE CHAMBER IS TO BE TRAFFICKED WITHIN 48 HOURS OF BRICKWORK CONSTRUCTION, A RAPID HARDENING CEMENTITIOUS OR POLYESTER RESIN MORTAR SHALL BE USED.
- PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS MAYBE USED IN LIEU OF BRICKWORK. ONLY TWO-PIECE UNITS THAT COMPLY WITH BS EN 1917 AND BS 5911-3 SHALL BE USED.
- ALL PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS SHALL BE BEDDED ON MINIMUM 15 THICK POLYESTER RESIN MORTAR TO CLAUSE 2601.
- FOR REQUIREMENTS REGARDING THE PROVISION OF SAFETY CHAINS REFER TO APPENDIX 5/1, TABLE 5/1 AND "SEWERS FOR ADOPTION".
- SELF-CLEANING TOE HOLDS ARE TO BE PROVIDED WHERE THE CHANNEL IS GREATER THAN 600 WIDE.
- THE LIFTING EYES IN PRECAST CONCRETE RINGS ARE TO BE POINTED WITH CLASS (i) MORTAR TO CLAUSE 2404.

CONTINUED ADJACENT...



TYPE	LARGEST PIPE DIA	CHAMBER DIA
M2Z	UP TO 300	1200
M2Y	375 UP TO 450	1350
M2X	500 UP TO 700	1500
M2W	750 UP TO 900	1800
-	>900	(Pipe ϕ) + 900

TABLE 1

NOMINAL PIPE DIA	EFFECTIVE LENGTH
150 TO 600	600
OVER 600 TO 750	1000
OVER 750	1250

TABLE 2

Copyright Hampshire County Council. 2019
 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.

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 M2Z, M2Y, M2X & M2W
 (PRECAST CONCRETE, DEPTH
 EXCEEDING 1.5m BUT NOT 3.0m)**

HCC CADplot: 24.Mar.2020 at 11:11am	CHECKED	SCALE @ A3
DRAWN	JPR	N.T.S
CAD	APPROVED	DATE
MC	CDP	Jan. 2020
DRG No.	HCC11/D/045	REVISION

H:_Encl Standard AutoCAD Standard Details (Secure) Ac Updated Dec 2011\HCC11 2020 STANDARD DETAILS\045.dwg
 2020