



NOTES

ALL CONCRETE TO BE GEN3 (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGRESSIVE GROUND), D2

ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT "ROCKER PIPE" LENGTH AS ABOVE.

Rocker Pipes

Nom Dia	Effective Length
150 - 600	0.6m
675 - 750	1.0m
825 + Over	1.25m

- ALL MATERIALS UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE / ENGINEER IN ADVANCE OF THE WORKS.
- ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE / ENGINEER PRIOR TO CONSTRUCTION
- LOCATION AND LEVELS OF EXISTING DRAINAGE TO BE CHECKED ON-SITE PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS.
- ALL STEP IRONS TO BE STAINLESS STEEL (GRADE 316 S31 BS 5970) OR POLYPROPYLENE ENCAPSULATED TO BS 1247 PARTS 1-2, DOUBLE STEP RUNGS (280mm MIN WIDTH AT 250mm MAXIMUM CENTRES) MAXIMUM DISTANCE FROM COVER LEVEL TO FIRST STEP TO BE 675mm.
- ALL ADOPTABLE DRAINAGE AND FITTINGS TO BE FLEXIBLY JOINTED CLAYWARE TO BS EN295 OR CONCRETE TO BS5911 PART 100.
- ALL MANHOLE COVERS TO BE GRADE A D400 TO BSEN124 AND TO BE BADGED 'FW' OR 'SW'.
- ALL ADOPTABLE DRAINAGE SHALL CONFORM TO THE DESIGN AND CONSTRUCTION GUIDE FOR DEVELOPERS, SEWERS FOR ADOPTION 6TH EDITION PUBLISHED BY WRC PLC AND ANY ANGLIAN WATER SERVICES ADDITION AND DELETIONS.
- LIFTING EYES IN CONCRETE RINGS TO BE POINTED

HYDRO-BRAKE CONTROL MANHOLE
MAXIMUM DISCHARGE = 34.0 L/sec
HEAD = 1.0m
(MD-SHE-0250-3400-1000-3400)

F	09/05/19	DETAIL REVISED TO AWA COMMENTS	JTC
E	30/04/19	UPDATED AS PER AWH COMMENTS	AO
D	18/04/19	UPDATED AS PER AWH COMMENTS	AO
C	02/04/19	UPDATED DRAWING	AO
B	26/03/19	AMENDMENTS AS PER AWH COMMENTS	AO
A	18/2/19	UPDATED DRAWING No.	AO
REV	DATE	DESCRIPTION/REASON FOR ISSUE	TECH
<div><div><div>M</div><div>T</div><div>C</div></div><div>ENGINEERING</div><div>MTC Engineering (Cambridge) Ltd. Ground Floor, 24 High Street Whitestford, Cambridgeshire, CB22 4LT Tel (01223) 837270, Fax (01223) 835648 E-mail office@mtcengineering.co.uk</div></div>			
TITLE			
70 Main Road, West Winch, Norfolk, Hydro-Brake Detail			
ORIG	B.M.T	DATE	27/11/18
CHKD		SCALE	1:20@A2
APPR		DRAWING NO	2274-96
		REV	F
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