



Notes

1. Foundation slab to be ST3 concrete.
2. Benching and surround to be C16/20 concrete.
3. Bricks to be Engineering Class B to BS EN 772-1, BS EN 772-3 & BS EN 772-7 in English bond.
4. Step irons to BS 5911 Part 1 and BS1247 when invert exceeds 900mm below cover.
5. Cover / reducing slab to BS 5911 Part 1.
6. Mortar bed to be Class 1 Mortar to Clause 2404.
7. Circular cover and frame uncoated iron, Kite marked or equivalent to BS EN 124 (for type see opposite)
8. Where cover is to be trafficked or laid against within 24 hours of frame being placed in position, then a suitable Ultra rapid hardening mortar and concrete (Monoset 241 or similar) shall be used to bed cover and frame.

Design Group		shaft rings	course of bricks below frame	cover & frame	
Manhole	Catchpit			Class	Location
M31	M31C	without shaft	1	C250	Verges
M32	M32C	without shaft	2	D400	Access & light traffic
M33	M33C	without shaft	2	D400	Heavy traffic
M34	M34C	with shaft	1	C250	Verges
M35	M35C	with shaft	2	D400	Access & light traffic
M36	M36C	with shaft	2	D400	Heavy traffic

Rev: AMENDMENT DETAILS Date: Description: Approved by:



Checked by: GP Approved by: SB

ISSUED 12/05/17

Rectangular Brick Manhole
1227 x 788 (max. pipe 750mmØ)

This is a typical detail and may require conversion to a full scheme specific drawing.

NOT TO SCALE
(all units in millimetres)

Disclaimer : Before making use of this detail, any designer or third party must ensure that it satisfies all requirements of the scheme to which it is being applied. Lincolnshire County Council accept no responsibility for third party use of this Standard Detail.

SD/5/14
Standard Detail Number

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