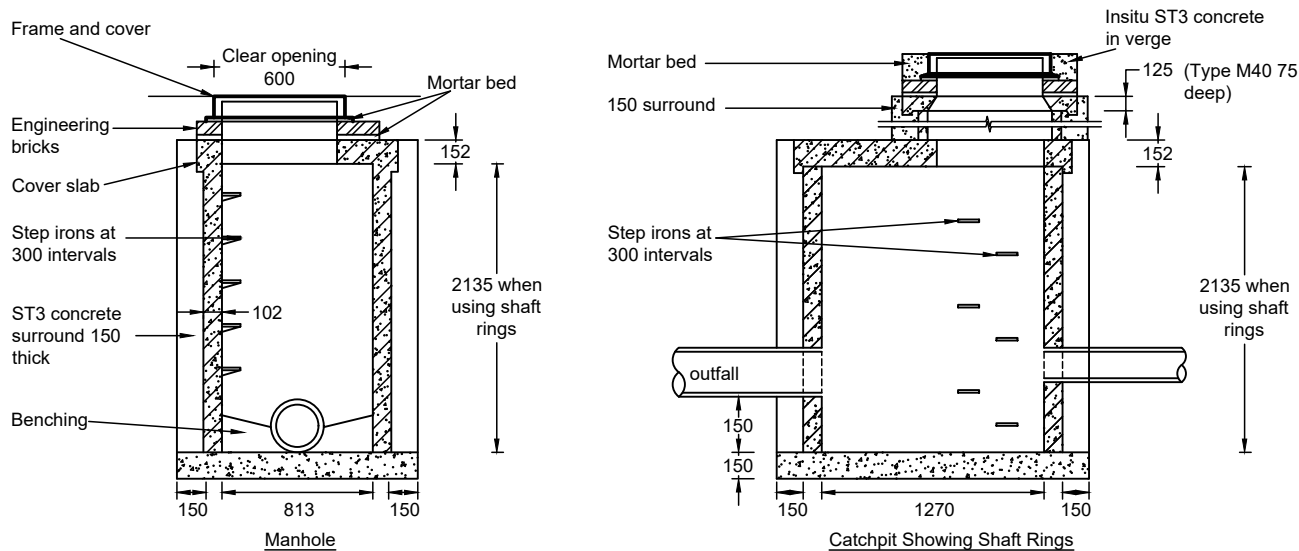




Notes

1. Foundation slab to be ST3 concrete.
2. Benching and surround to be ST3 concrete.
3. Bricks to be Engineering Class B to BS 3921 in English bond.
4. Step irons to BS 5911 Part 1 and BS1247 when invert exceeds 900mm below cover.
5. Precast sections to BS 5911 Part 1 min. wall thickness 102mm
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. Rectangular precast concrete units as 'Mono Concrete' or similar approved type.
9. 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

manhole	catchpit	shaft rings	conc. surround	course of bricks below frame	cover & frame frame grade	Location
M37	M37C	without shaft	-	1	C250	Verges
M38	M38C	without shaft	75	2	D400	Access & light traffic
M39	M39C	without shaft	150	2	D400	Heavy traffic
M40	M40C	with shaft	-	1	C250	Verges
M41	M41C	with shaft	-	2	D400	Access & light traffic
M42	M42C	with shaft	-	2	D400	Heavy traffic

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.

Rev: AMENDMENT DETAILS Date: Description: Approved by:

Lincolnshire
COUNTY COUNCIL
Working for a better future

Checked by: GP Approved by: SB

ISSUED 12/05/17

Rectangular Precast Concrete
Manhole
1270 x 813 (max pipe 750mmØ)

SD/5/15
Standard Detail Number

Revision Number