

Notes

1. Step irons to BS 5911: Part 1 and BS 1247: Part 1 when invert exceeds 675mm.
2. Foundation slab & surround to be ST3 concrete.
3. Precast concrete sections to BS 5911: Part 1 min. wall thickness 60mm.
4. Cover slab to BS 5911: Part 1 opening positioned at upstream end of m.h.
5. Engineering bricks to be Class B to BS EN 772-1, BS EN 772-3 & BS EN 772-7.
6. Mortar bed to be Type (i) mortar to Clause 2404.
7. Circular cover and frame uncoated iron kite marked or equivalent to BS EN 124.
8. Pipes entering manholes shall have a flexible joint within 600mm of the inside face of the manhole.
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.

Rev:	Date:	Description:	Approved by:
AMENDMENT DETAILS			



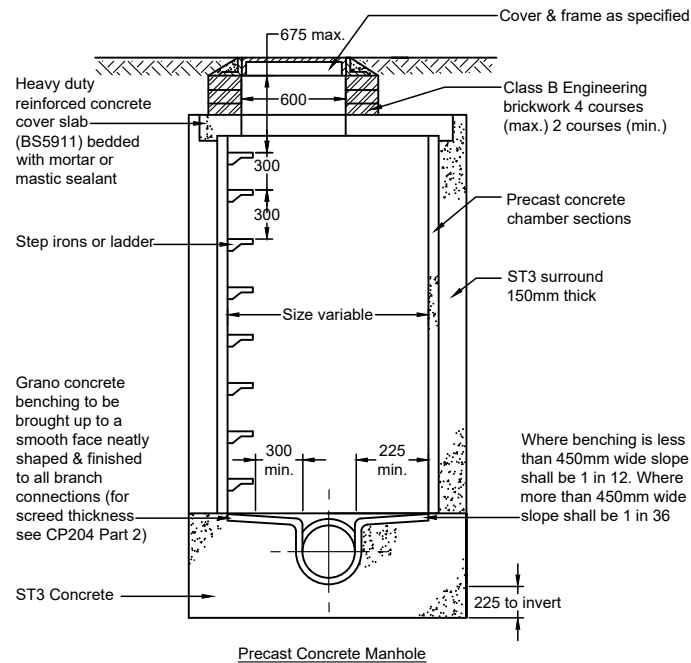
Checked by:	GP	Approved by:	SB
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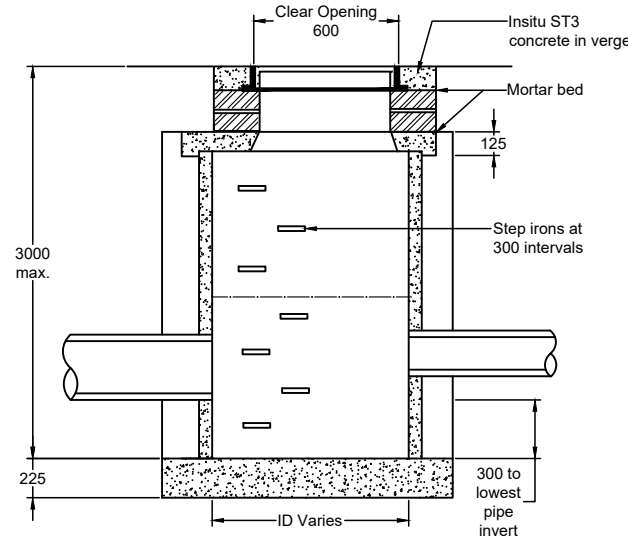
Circular Precast Concrete Manhole
Type B / Catchpit (Pipes max. 450)
to Water Authorities Standard

SD/5/12
Standard Detail Number

Revision Number



Precast Concrete Manhole



Precast Concrete Catchpit

Design Group					
Manhole	Catchpit	I.D.	Concrete Surround	Cover & frame Class	Pipe dia. up to
M1	M1C	1050	150	C250	225
M2	M2C				
M3	M3C	1050	150	D400	225
M4	M4C	1200	150	C250	375
M5	M5C	1200	150	D400	375
M6	M6C				
M7	M7C	1350	150	C250	450
M8	M8C				
M9	M9C	1350	150	D400	450

1050mm I.D.
Where depth to
soffit is between
1.35 and 1.5m

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.