TYPICAL DETAILS OF BRICK MANHOLES - TYPE B
(Pipe diameter 100 - 450, depth to top of base slab 1.3 - 3.0) see Note 9

1. For Notes see Drg No SD/5/16.
2. Not to be used on drainage schemes intended for adoption by a Water Authority.

- Manhole cover and frame bedded on mortar in accordance with Drg No SD/5/18
- Maximum 4 courses, minimum 2 courses Class B engineering bricks.
- Mortar and bedding material as stated on Drg No SD/5/18
- Reinforced concrete (C20P) cover slab
- B785 mesh
- Galvanised step irons to BS 1247 staggered at 300 5/c
- Benching and base slab in concrete Class C20P
- 35mm Granolithic concrete benching to be neatly shaped and finished to all branch connections

SECTION D - D
- 225 Class B engineering brickwork in Old English Bond in Class 1 mortar to Clause 2404
- Half brick ring arch
- Ends of pipes to be neatly built into brickwork and finished flush with Class 1 mortar to Clause 2404

PLAN
- Outlet
- Inlet
- Nose angle not to exceed 45°

SECTION E - E

COVER SLAB REINFORCEMENT
- 5T10 200B
- 4T10 140B
- 225 Class B engineering brickwork in Old English Bond in Class 1 mortar to Clause 2404
- Half brick ring arch
- Ends of pipes to be neatly built into brickwork and finished flush with Class 1 mortar to Clause 2404

Leicestershire County Council

STANDARD DRAWING
MANHOLES GROUP MH1
BRICK MANHOLE TYPE B

DRAWING NUMBER SD/5/23
DATE SEPTEMBER 2022
NOT TO SCALE
SCALE

500% see Note 16
300%
45°-90°
110 min

Leicestershire County Council

DEPARTMENT OF HIGHWAYS TRANSPORTATION AND WASTE MANAGEMENT

NOTES ON REVISION

Rev Date Notes on Revision