NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.

2. NOTATION OF THE SEQUENCE OF DESCRIPTION OF IDENTIFICATION MARKS ON DRAWINGS FOR STEEL REINFORCING BARS REINFORCEMENT FOR CONCRETE WORK IS AS FOLLOWS (NUMBER, TYPE, SIZE, MARK, SPACING, LOCATION OR COMMENT)

3. B DENOTES GRADE 500B RIBBED REINFORCEMENT.

4. R DENOTES GRADE 250 PLAN REINFORCEMENT.

5. PIPE DIAMETER : 150 TO 675 mm

6. NORMAL RANGE : 1500 TO 3000 mm (MEASURED FROM ROAD LEVEL TO LOWEST INVERT)

7. USED IN : STORMWATER DRAIN AND SEWER

8. JUNCTION : POSITION OF JUNCTION TO BE DETERMINED IN EACH INDIVIDUAL CASE. CHANNELS IMMEDIATELY UNDER ACCESS TO MANHOLE SHOULD BE AVOIDED.

9. TOP TREATMENT : SEE DRG. NO. DS 1032

10. FOUNDATION : FOUNDATION OF MANHOLE VARIES WITH SITE CONDITION. THEREFORE, IT SHOULD BE DETERMINED ON SITE BY THE ENGINEER.

11. CONCRETE : GRADE 30/20

12. ALL BAR MARKS APPEARED HEREON ARE USED FOR REFERENCE IN THIS DRAWING ONLY.

13. MINIMUM COVER AT END OF BARS 40 mm

14. COVER AND FRAME NOT SHOWN ON PLAN FOR CLARITY

15. THIS DSD STANDARD DRAWING IS APPLICABLE TO EXISTING MANHOLE ONLY. THE STANDARD MANHOLE TYPE E1 IN DSD STANDARD DRAWING NO. DS1080 WITH 675mm OPENING SHOULD BE ADOPTED FOR NEW MANHOLE OF THIS SIZE FOR EXISTING MANHOLE WITH 570 MANHOLE COVER, THE MAINTENANCE AUTHORITY WOULD REPLACE THE COVER WITH 675 MANHOLE COVER AND OPENING WHERE SITUATION WARRANTS.

STANDARD MANHOLE TYPE E

DRAINAGE SERVICES DEPARTMENT

REFERENCE DRAWING NO.

SCALE 1:20

DS 1005E (SHEET 1 OF 3)

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REV. DESCRIPTION SIGNATURE DATE
STANDARD MANHOLE
TYPE E

SECTION A-A

BAR MARKS | SHAPE CODE
---|---
1 & 4 | ☐
2, 3 & 6 | ☐
5 | ☐

DRAINAGE SERVICES DEPARTMENT

REFERENCE | DS 1005E
---|---
SCALE | 1:20

NOTE 11 DELETED
NOTES 2, 3 & 4 ADDED
ORIGINAL SIGNED | 29.4.2015

NOTE 11 REVISED
ORIGINAL SIGNED | 24.11.2014

NOTE 13 ADDED
ORIGINAL SIGNED | 29.4.2014

REDRAWN BY CAD
ORIGINAL SIGNED | 8.8.2001

GENERAL REVIEW
ORIGINAL SIGNED | 2.2.2001

REV. | DESCRIPTION | SIGNATURE | DATE
SECTION B-B

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DRAINAGE SERVICES DEPARTMENT

STANDARD MANHOLE
TYPE E

REFERENCE
DS 1005E
(SHEET 3 OF 3)

SCALE
1:20