NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. CONCRETE IS TO BE GRADE 30/20.
3. PIPE DIAMETER OF PIPE TO BE LESS THAN OR EQUAL TO 450 mm.
4. THIS STANDARD DRAWING IS APPLICABLE TO EXISTING TERMINAL MANHOLE ONLY. THE STANDARD TERMINAL MANHOLE TYPE T1, IN DSD STANDARD DRAWING NO. DS1090 SHOULD BE ADOPTED INSTEAD FOR NEW TERMINAL MANHOLE WITH SIMILAR DEPTH AND PIPE SIZE.

SECTIONAL PLAN

TERMINAL MANHOLE
TYPE T1

DRAINAGE SERVICES DEPARTMENT

REFERENCE
DS 1053C

DRAWING NO.
(SHEET 1 OF 2)

SCALE
1:10

C  NOTE 4 ADDED  ORIGINAL SIGNED  13.1.2016
B  REDRAWN BY CAD  ORIGINAL SIGNED  8.8.2001
A  GENERAL REVIEW  ORIGINAL SIGNED  2.2.2001
REV.  DESCRIPTION  SIGNATURE  DATE
100 mm DIA OPENING
FOR F.A.I. (FOR SEWER
MANHOLE ONLY)

STEP IRONS AT 300 c/c
STAGGERED TO BE
PROVIDED WHEN
DEPTH > 1,000, THE FIRST
STEP IRON SHOULD BE
600 mm FROM GROUND
LEVEL

SECTION A-A

100 THICK FOR MANHOLE
UP TO 900 DEEP
150 THICK FOR MANHOLE
UP TO 1,750 DEEP
200 THICK FOR MANHOLE
UP TO 2,500 DEEP

CONCRETE FILLING

75 DEEP WATER SEAL

C.I. OR GLAZED FIRECLAY
TRAP WITH RODDING ARM

CONCRETE FILLING

1/2A

150 DIA RODDING ARM

RUBBER RINGS

STAINLESS STEEL OR
G.M.S. CHAIN

D.I.L.

35° TO 45°

CHANNEL

CONCRETE FILLING

INLET PIPE

STANFORD
(CLAY)

BENCHING

250

350 (DEPTH > 1,000)

450 (DEPTH > 1,000)

290 (DEPTH > 1,000)

GROUND LEVEL

DOUBLE SEAL TERMINAL MANHOLE COVER

TERMINAL MANHOLE
TYPE T1