PLAN OF TYPE B JUNCTION BOX (WITHOUT COVER SLAB)

SECTION C-C

PLAN OF KERB INLET SHOWING OUTLET BOX
POSITION UNDER VERTICAL KERB

PLAN OF KERB INLET SHOWING OUTLET BOX
POSITION UNDER SLOPING KERB

PLAN OF KERB INLET AT A LOW POINT SHOWING
POSITION OF OUTLET BOX

NOTE:

1. All drainage pipes to be laid suitably to fall.
2. Minimum cover elevation of all pipes is 600 mm.
3. Minimum angle between adjoining pipes is 45°.
4. Where a pipe shall be laid at least 750 mm from the nearest
   junction box wall, the concrete bencing can be started
   adjacent to the double brick wall.
5. Where the total depth of the junction box (invert level to
   finished ground level) exceeds 2,0 m a structural design
   must be submitted by a professional engineer.
6. All soils and stones to be removed from the adjoining
   junction box area.
7. All materials and workmanship shall conform to the
   requirements of SANS 2066 as well as SABS 110 (Part 5) or
   SANS 110 (2004), whichever is deemed the most suitable.
8. All materials shall be installed in accordance with SANS
   2066 or SABS 110 (Part 5) as applicable.

MANHOLE DETAILS:

TYPE B JUNCTION BOX
JUNCTION BOX AND

Where a pipe wall is at least 75 mm from the nearest
junction box wall, the concrete bencing can be started
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must be submitted by a professional engineer.
All soils and stones to be removed from the adjoining
junction box area.
All materials and workmanship shall conform to the
requirements of SANS 2066 as well as SABS 110 (Part 5) or
SANS 110 (2004), whichever is deemed the most suitable.
All materials shall be installed in accordance with SANS
2066 or SABS 110 (Part 5) as applicable.

MINIMUM PIPE DIAMETER OF ALL PIPES IS 450 MM.

Also refer to Section 502 of the Standard Specifications
All bricks shall comply with SANS 227 and shall be
engineering units of class FBS (face brick standard) with
a nominal compressive strength of 12 MPA.

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