




Detail "A"  
NTS



- NOTES:**
- ALL PIPES TO BE 150mm Ø SANS 1041 400Pa PVC-U.
  - ALL WORK TO BE PERFORMED IN ACCORDANCE WITH SANS10201.
  - MANHOLE COVERS TO BE 150mm ABOVE GROUND LEVEL AND TO BE PRECAST SLABS.
  - CHANNELS & SPECIALS ARE TO BE OF THE SAME MATERIAL AS THE PIPES.
  - HEIGHT 'H' TO BE ADJUSTED BEFORE CONSTRUCTION OF THE MANHOLE ENSURE COVER AT CORRECT LEVEL.
  - MANHOLE DEPTHS ARE MEASURED FROM TOP OF COVER LEVEL TO PIPE INVERT AT THE CENTRE OF THE MANHOLE.
  - NO MANHOLE IS TO BE BACKFILLED UNTIL PERMISSION TO DO SO IS GIVEN BY THE ENGINEER.
  - BOTTOM CHAMBER SECTIONS TO BE 500mm HIGH AND MAY BE CUT TO ACCOMMODATE PIPES WHERE REQUIRED.
  - CONCRETE TOPPING FOR THE 20mm THICK LAYER TO THE BENCHING SHALL CONSIST OF 1: 2: 3 PARTS OF CEMENT, SAND AND 7mm STONE BY MASS.
  - ALL CONCRETE TO BASE & ENCASMENT TO BE 20Mpa CAST BETWEEN SHEET STEEL FORMS AND VIBRATED. 19mm RECOMMENDED MAXIMUM SIZE OF STONE OUTSIDE SURFACE OF PIPES PASSING THROUGH WALLS TO BE ROUGHENED & BITUMEN COATING IN OUTSIDE OF ASBESTOS CEMENT PIPES TO BE REMOVED IF APPLICABLE TO PREVENT INFILTRATION OF WATER TO MANHOLE.
  - ALL PIPES TO PROTRUDE 75mm INTO MANHOLE.
  - EXCEPT ON CONCRETE ENCASED SECTIONS, PIPE EXTENDING THROUGH MANHOLE WALL TO BE 0.5m LONG. PIPE CONNECTED TO THIS TO BE 1.0m LONG WITH FLEXIBLE JOINTS AT EITHER END.
  - ALL PRECAST CONCRETE ELEMENTS SHALL COMPLY WITH REQUIREMENTS OF SANS 1024 & MANUFACTURED FROM CONCRETE USING DOLYMIC AGGREGATE.
  - SEWERS TO BE LAID 1.3m PARALLEL FROM THE ERF BOUNDARY.

**LEGEND:**

-  Proposed Dwelling
-  Proposed 110mm uPVC Connection
-  Proposed Leachpit

**PRELIMINARY DRAWING**

No	Date	Details	Rev	Assd</
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