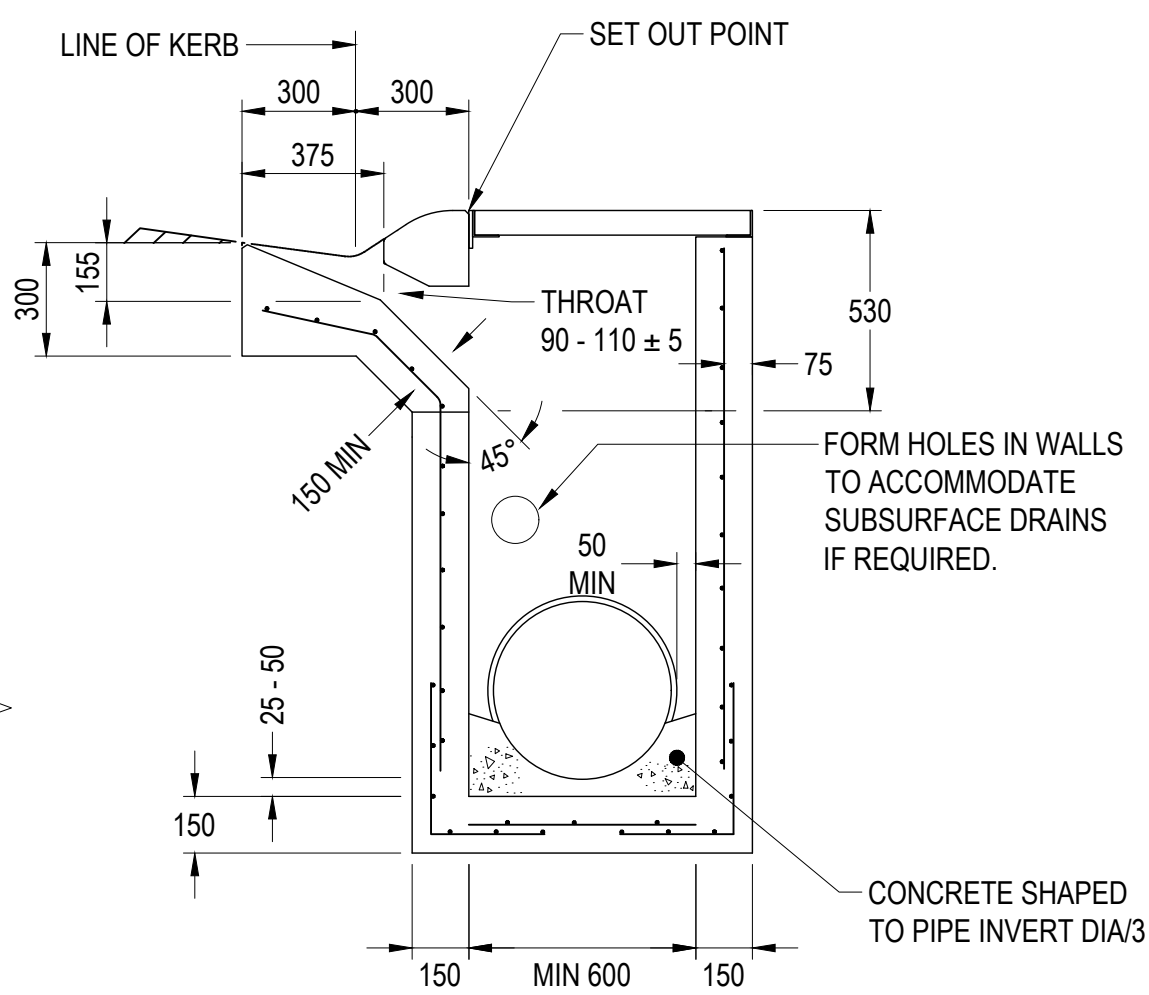


**SECTION A-A**  
N.T.S.



**SECTION B-B**  
N.T.S.

**NOTES:**

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- HAUNCHING MAY BE REQUIRED FOR PIPES OVER 450 DIA, REFER TO PIT SCHEDULE FOR SIZES OF SPECIFIC PITS. PITS WITH HAUNCHING IN TWO DIRECTIONS REQUIRE SPECIAL STRUCTURAL DESIGN.
- PIT REINFORCEMENT - UP TO 1200 DEEP SL92 - 1200 TO 1800 DEEP RL918. FABRIC IN SHAFT SHALL HAVE THE MAIN BARS POSITIONED HORIZONTALLY. LAPS TO BE 300 MINIMUM. CLEAR COVER TO BE 50 MINIMUM. CORNER RETURN REINFORCEMENT MAY BE MESH OR EQUIVALENT BARS. CONCRETE TO BE A MIN 25 MPa.
- PITS DEEPER THAN 1000 SHALL BE FITTED WITH PVC COATED STEP IRONS INSTALLED AS PER AS1657. PITS DEEPER THAN 2400 SHALL BE FITTED WITH LADDER.
- IF FINAL PAVEMENT LAYERS ARE DEFERRED, PROVISION SHALL BE MADE FOR WATER TO ENTER THE PIT.
- CONCRETE TO BE 25MPa AT 28 DAYS.
- PRECAST PITS WITH THINNER WALLS AND LESS STEEL MAY BE ACCEPTED WHERE THE MANUFACTURER CAN DEMONSTRATE THAT THE PITS HAVE ADEQUATE CAPACITY TO SUPPORT A COMBINATION OF THE FOLLOWING LOADS: LATERAL LOADS - EARTH PRESSURE WITH 210 kN SURCHARGE
  - HYDROSTATIC PRESSURE
  - COMPACTION PRESSURE 25 kPa (MIN)
 VERTICAL LOAD - 210 kN, APPLIED EITHER ON THE COVER OR ON THE PAVEMENT ADJACENT TO THE PIT.
- COVERS AND LINTELS ARE REQUIRED TO SUPPORT A TEST LOAD OF 100 kN WITHOUT PERMANENT DEFORMATION OR DAMAGE. IN AREAS SUBJECT TO TRUCK LOADING, USE HEAVY DUTY COVER(210 kN)
- COVERS SHALL BE R&S, TERRA FIRMA (OR SIMILAR APPROVED) WITH COLOUR TO SUIT ADJACENT SURFACE (i.e. GREEN FOR NATURESTRIPS, GREY FOR CONCRETE, CHARCOAL FOR ASPHALT)



**Mildura Rural City Council**

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**TYPICAL STORMWATER PIT  
SIDE ENTRY**

REVISION: 1

SHEET: A3

SCALE: NTS

DATE: 20/08/22

APPROVED: J. JEYAKANTHAN

DRAWING No: **MSD-102**