



- 1) CLEAN CONCRETE AND PIPE SURFACES AND APPLY COATING OF EPIREZ 633.
- 2) FILL VOID WITH EPOXY GROUT EPIREZ 633 MIXED WITH QUARTZ SAND APPLY TO MANUFACTURERS DIRECTIONS (TYPICAL)
- UPVC SEWER PIPE RUBBER RING JOINT CLASS SEH NOM DIA OF PIPEWORK TO MATCH MIN DIA VENT STACK
- BEND AS REQUIRED
- 600 MIN. COVER
- 1:100 FALL
- 150 MIN. COVER TYP.
- 50
- 150
- 700
- 850
- 800 SQ
- 2300 SQ
- REINF. F92 T & B
- EDUCT VENT STACK SEE DRG. SCP-1003
- BIOACTION FILTER (GROUND MOUNTED) IF REQUIRED BY ODOUR ASSESSMENT
- DISCHARGE MAINTENANCE HOLE
- MAINTENANCE HOLE COVER TO BE BOLT-DOWN AND GAS TIGHT
- PROTECTIVE COATING TO BE APPLIED TO DISCHARGE MAINTENANCE HOLE. REFER NOTE 9
- 45° BEND
- 3RD. PREFERRED METHOD
- PRESSURE SEWER MAIN
- 45° BEND
- PRESSURE SEWER MAIN - 2ND. PREFERRED METHOD
- PRESSURE SEWER MAIN - PREFERRED METHOD
- CRITICAL GRADE 2% MAX
- FALL
- REFER NOTE 6
- 9000 MIN.
- EXISTING BENCHING TO BE MODIFIED TO FACILITATE CONNECTION OF PRESSURE SEWER
- SOCKET TO FINISH FLUSH TYPICAL

**NOTES:**

1. THIS DRAWING SHOWS A TYPICAL ARRANGEMENT OF A DISCHARGE MAINTENANCE HOLE WITH PRESSURE SEWER MAIN AND EDUCT VENT ONLY. REFER TO PROJECT DRAWINGS FOR SITE SPECIFIC DETAIL.
2. STRUCTURAL CONCRETE S32 TO AS 3600-1988.
  - A. CEMENT TYPE SR.
  - B. SLUMP 80mm (MAX)
  - C. AGGREGATE SIZE 20mm (MAX)
3. MINIMUM COVER TO REINFORCEMENT TO BE 75 UNO.
4. EDUCT VENT CONNECTION TO PRECAST ACCESS CHAMBER:
  - EDUCT VENT PIPEWORK SHOULD NOT BE CONNECTED TO CHAMBER THROUGH THE STRAIGHT BACK TAPER.
  - THE DEPTH OF EDUCT VENT PIPEWORK SHOULD BE SUCH THAT THE TOP OR BOTTOM OF THE HOLE IN THE PRECAST COMPONENT IS AT LEAST 75 FROM A JOINT.
  - HOLES IN THE CHAMBER WALL SHALL BE MADE BY CUTTING THE PRECAST COMPONENT WITH A CONCRETE CUTTING SAW.
  - PROVISION FOR CARBON CANISTER TO BE INCLUDED IN DESIGN.
5. HDPE PIPE TO DISCHARGE TO MAINTENANCE HOLE IN ACCORDANCE WITH WSA 02 - SEW 1313-V.
6. PRESSURE RETICULATION PIPE INLET TO DISCHARGE MAINTENANCE HOLE TO BE INLINE WITH THE DIRECTION OF FLOW IN THE OUTLET. IF NOT ACHIEVABLE PRESSURE PIPE INLET NOT TO BE MORE THAN 30° TO THE DIRECTION OF FLOW. PRESSURE PIPE FOR A MIN. OF 9m FROM INLET TO MAINTENANCE HOLE TO BE 2 DIAMETERS LARGER.
7. FLOWMETER TO BE LOCATED IN PIPE SECTION BEFORE PIPE GRADES DOWN TOWARDS MAINTENANCE HOLE.
8. PROTECTIVE SURFACE COATING IS TO COMPLY WITH WSA 201 MANUAL FOR SELECTION AND DUPLICATION OF PROTECTIVE COATING AND SYDNEY WATER'S SUPPLEMENT TO WSA 201.

