



NOTES:

1. Vent penetrations not permitted into Plastilined and HDPE Pipes.
2. Embedment and trench fill for connecting pipework to be similar to that for DN 300 UPVC sewers, as detailed in SCM Section 'G'.
3. Minimum clear cover to Holding Down Bolt Assembly to be 65mm.
4. Concrete poured insitu shall be Grade N32 in accordance with AS 1379.
5. For siting of Educt Vent, Ref. SCM page J1.
6. PREPARATION OF FLOOR OF EXCAVATIONS FOR VENT BASE
The floor of the excavation shall be trimmed to horizontal and compacted to an even surface with approved compaction equipment to not less than 95% of the Standard Maximum Dry Density of the material (AS 1289.5.1.1) for a minimum depth of 150.
7. BACKFILLING AROUND THE VENT BASE
The backfill shall be compacted to not less than 95% of its Standard Maximum Dry Density (AS 1289.5.1.1).
8. CORROSION PROTECTION
Portion of educt vent below ground level to be protected using Petrolatum Anti Corrosion System in accordance with SA WATER Standard Specification DS 29.
All nuts to be coated with Mastic and sealed with Radloid caps filled with Mastic.

* Unreinforced concrete base 1500x1500x900 Min. in hard compact ground (otherwise 1500x1500x1500 Min.)

4 off Holding Down Bolts in accordance with SA WATER Standard Specification DS 54

Only "AUTHORISED" items shall be used in the Sewer System.

For poured insitu structures the 'PREPARATION OF STUB' shall be similar to that detailed on SCM Drg. K12.
For existing or pre-cast structures, the 'CORED HOLE' 'PREPARATION OF STUB' and 'INSTALLATION OF STUB' shall be similar to that as detailed on SCM Drg. K12.

DB 94-0167 Plot 27L

Chg	A	Amendment - UPDATED 12-6-96	Des	J.I.S.	Amendment Authorisation R.M.Jones Executive Manager 13 / 6 / 96 ENGINEERING GROUP
Drn	C.S.	Holding Down Bolt assembly replaced with 4 off Holding Down Bolts	Drn	C.S.	
Ckd			Exm	G.R.R.	
Unit Ldr.			Unit Ldr.		

SOUTH AUSTRALIAN WATER CORPORATION

SEWER CONSTRUCTION MANUAL PAGE J3
GENERAL ARRANGEMENT OF
DN 300 EDUCT VENTS

Not to Scale

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