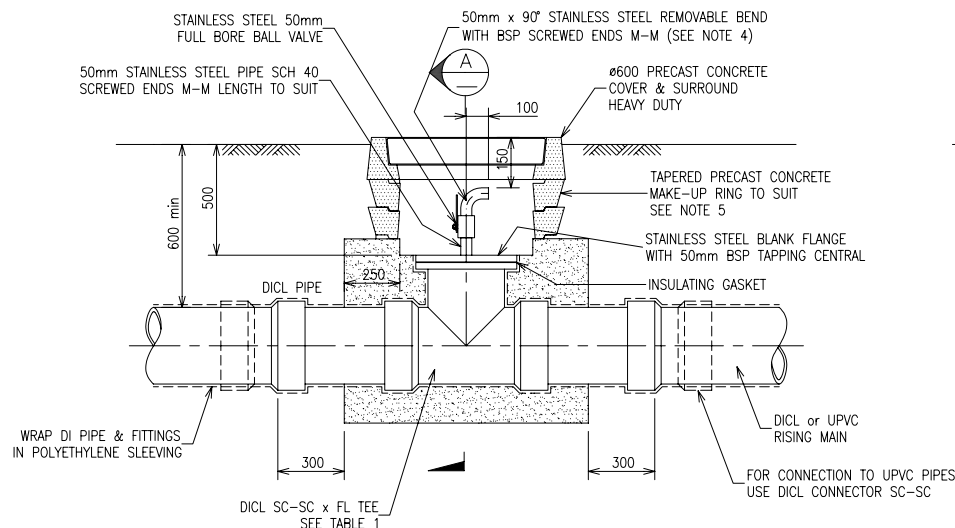


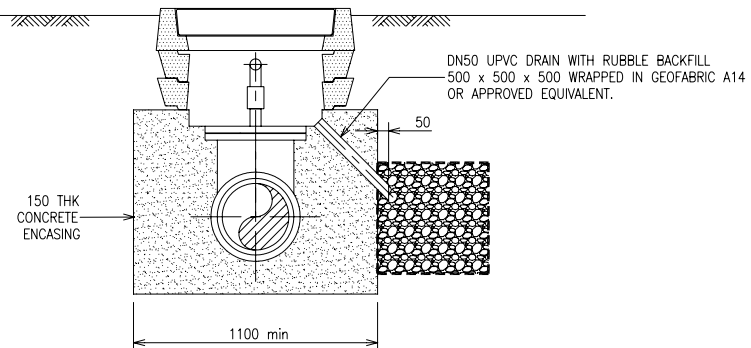
AIR RELEASE VALVE
FOR NON-TRAFFICABLE AREAS



AIR RELEASE VALVE
FOR TRAFFICABLE AREAS

NOTES:

1. THE AIR RELEASE VALVE DETAILS SHOWN ON THIS DRAWING ARE SUITABLE FOR THE FOLLOWING PIPELINE MATERIAL:
 - DICI
 - UPVC TO AS2977
 - UPVC TO AS1477
2. DUCTILE IRON FLANGES TO BE CLASS 16 TO AS4087 FIG.B5
STAINLESS STEEL FLANGES TO BE CLASS 16 TO AS4087 FIG.B7
FLANGE INSTALLATION TO BE OFF-CENTRE.
3. STAINLESS STEEL PIPES, FITTINGS AND VALVES TO BE GRADE 316 AND SUITABLE FOR WORKING PRESSURE OF 1200kPa.
NUTS AND BOLTS TO BE STAINLESS STEEL.
4. SCREW THE 50mm DIAMETER 90° BEND TO THE BALL VALVE USING TEFLON TAPE.
5. BONDING SURROUND TO ACCESS CHAMBER
 - JOINT BETWEEN MAKE-UP RING AND SURROUND PRE-PACKED WITH QUICK SETTING MORTAR OR MORTAR MADE FROM 3 PARTS SAND TO 1 PART CEMENT.
 - SCABBLE AND CLEAN JOINT SURFACES SO THAT ALL LOOSE OR SOFT MATERIAL IS REMOVED.
 - BRUSH JOINT SURFACES CLEAN, SPONGE WET AND PRIME WITH A CEMENT/WATER SLURRY PRIOR TO PLACING CEMENT MORTAR.
 - A SUITABLE ALTERNATIVE TO CEMENT MORTAR IS BUTYL MASTIC APPLIED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.



SECTION **A**
SCALE 1:25

TABLE 1

RISING MAIN NOMINAL DIAMETER	TEE DIAMETER OF BRANCH
100	100
150	150
200	200
250	250
300	300
375	300
450	300
500	300
600	300

DRAWING SUPERSEDED		J.R.G. 23-7-02	
REV. N°	REVISION	APPROVED	DATE
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APPROVED <i>J.R.G.</i> MANAGER HUNTER WATER AUSTRALIA ENGINEERING		APPROVED MANAGER PLANNING AND DEVELOPMENT	

HUNTER WATER CORPORATION
ABN 46 228 513 446



STANDARD CONSTRUCTION PRACTICE
SEWERAGE STANDARD

AIR RELEASE VALVE
FOR DN100 TO 600 SEWER RISING MAINS

CAD FILE NAME: SCP-1004

HWCS
SCP-1004

ISSUED: 2002 A3