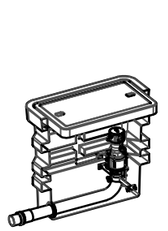
NOTES:
1. (a) Ø50 flushing point to suit polyethylene pipe Ø50 through to Ø90.
   (b) Ø100 flushing point to suit polyethylene pipe Ø110 through to Ø200.
2. 316 Stainless Steel Pipework.
3. 316 Stainless Steel Isolation Valve (lockable).
4. Polyethylene camlock coupling Ø50 & Ø100.
5. Polyethylene heavy duty chamber to house flushing point.
6. 'Class A' concrete cover.

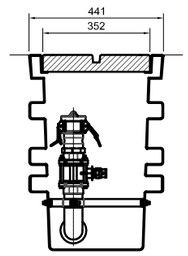
YARRA VALLEY WATER
PRESSURE SEWER
FLUSHING POINT

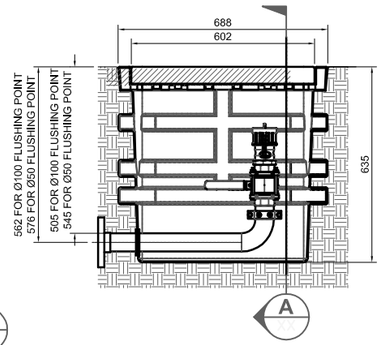
DO NOT BURY

FLUSHING POINT COVER



ISOMETRIC CUTAWAY





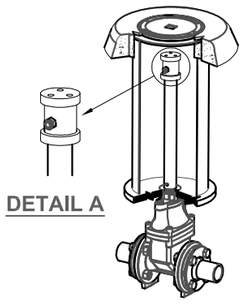
SECTION A

FLUSHING POINT

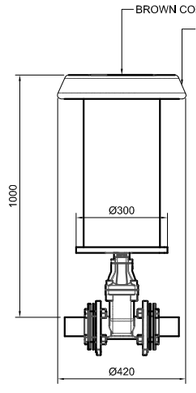
PLACED DOWNSTREAM OF ISOLATION
VALVES AND END OF LINES

NOTES:
1. Sizes available in Ø50 through to Ø200 to suit polyethylene pipe.
2. Cast iron valve cover in concrete surround.
3. Stub Flange fitted with galvanised backing ring and galvanised bolt. Stainless steel backing rings optional.
4. Ø150 PVC tube and hardwood by others.
5. Fusion bonded epoxy coated flanged 'Table D' valve with resilient seated gate.
6. Turning Direction - Clockwise to Close.
7. Valve Spindle - 3P Pressure Sewer.

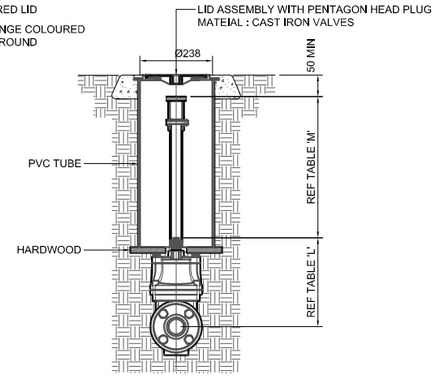
PIPE Ø	'L'	'M'	PIPE Ø	'L'	'M'
50	335	640	225	595	465
80	350	640	250	680	395
100	380	620	300	755	345
150	485	540	375	905	235
200	595	455			



DETAIL A

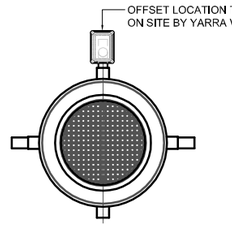


ISOMETRIC CUTAWAY



SECTION TRENCH DETAIL

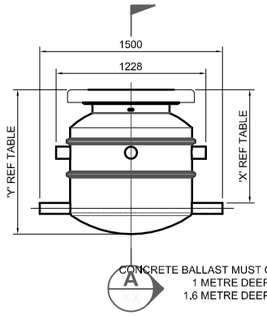
ISOLATION VALVE

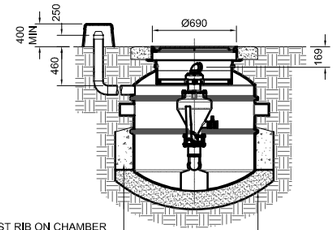


AIR VALVE PIT PLAN

NOTES:
1. Heavy duty sewerage air valve.
2. Polyethyene chamber.
3. Sized to suit polyethylene pipework Ø 50 thru' Ø200.
4. Stainless fitted isolation valve.
5. Light service or optional heavy service gas-tight cover in Ø600 concrete surround.
6. Location of vent to be approved by superintendant.
7. Vent PVC pipe to atmosphere. (Contractor to install)
8. Vent cover to be approved by Superintenant and to be "Marigold' Yellow In colour. (Contractor to Install)
9. 'Unlseal' for vent pipe to be provided by suppller.

PIPE Ø	'X'	'Y'
63	990	1185
90	1065	1185
125	1095	1785
180	1170	1785





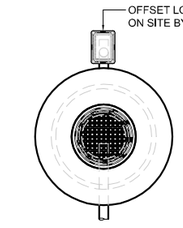
SECTION A

ISOMETRIC CUTAWAY

AIR VALVE PIT

(refer to PSS-1016 for preferred AV arrangemet
Only to be used only where adequate spece permits
or as specifed by the Superintendent)

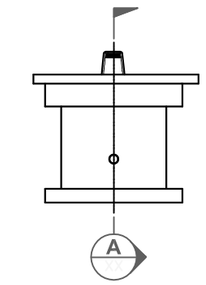
NON-TRAFFICABLE

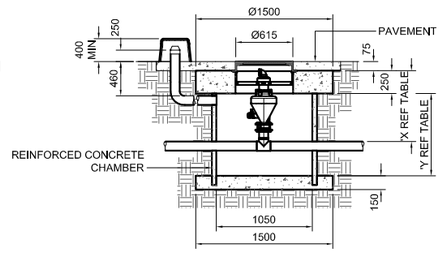


AIR VALVE PIT PLAN

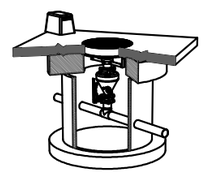
NOTES:
1. Heavy duty sewerage air valve.
2. Reinforced concrete chamber.
3. Sized to suit polyethylene pipework Ø50 thru' Ø200.
4. Stainless fitted isolation valve.
5. Heavy service gas-tight cover in Ø600 concrete surround.
6. Location of vent to be approved by superintendant.
7. Vent PVC pipe to atmosphere. (Contractor to install)
8. Vent cover to be approved by Superintenant and to be "Marigold' Yellow In colour. (Contractor to Install)
9. 'Uniseal' for vent pipe to be provided by supplier.

PIPE Ø	'X'	'Y'
63	850	800
90	945	800
125	980	1100
180	1050	1100





SECTION A



ISOMETRIC CUTAWAY

CONCRETE AIR VALVE PIT

IN ROAD PAVEMENT

REV	DESCRIPTION	DATE	APP.'D
REV	DESCRIPTION	00/00/00	INITALS
REV	DESCRIPTION	00/00/00	INITALS
REV	DESCRIPTION	00/00/00	INITALS
REV	DESCRIPTION	00/00/00	INITALS
REV	DESCRIPTION	00/00/00	INITALS

DESIGNED:	AQUATEC_ENVIRONMENTAL		DATE:	19/09/07				
DRAWN:	AQUATEC_ENVIRONMENTAL		DATE:	19/09/07				
CHECKED:	INITIALS	DATE	APPROVED:	INITIALS	DATE			
☐ CWW		00/00/00	☐ CWW		00/00/00			
☐ SEWL		00/00/00	☐ SEWL		00/00/00			
☒ YVW	KD	26/08/11	☒ YVW	KD	26/08/11			

MELBOURNE RETAIL WATER AGENCIES

City West Water LIMITED · SOUTH EAST WATER · Yarra Valley Water

WITH ACKNOWLEDGEMENT TO
WATER SERVICES ASSOCIATION of Australia

PRESSURE SEWER SYSTEM STANDARD DRAWINGS

NOT TO SCALE

YARRA VALLEY WATER SPECIFIC REQUIREMENTS
TYPICAL APPURTENANCES
AIR VALVES, FLUSHING POINTS & VALVES

PSS-1020-Y

ISSUED 2011 | VERSION 1