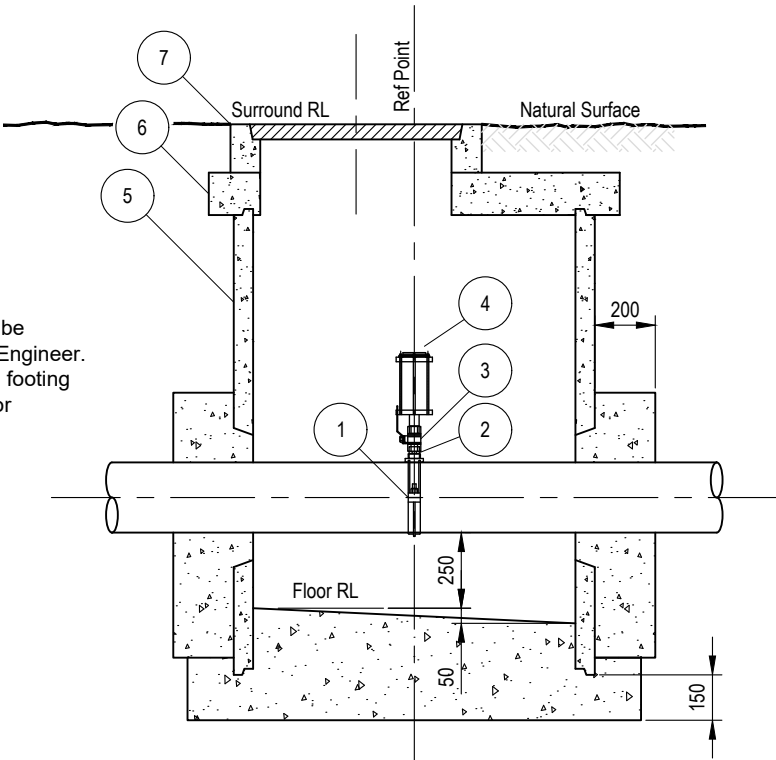
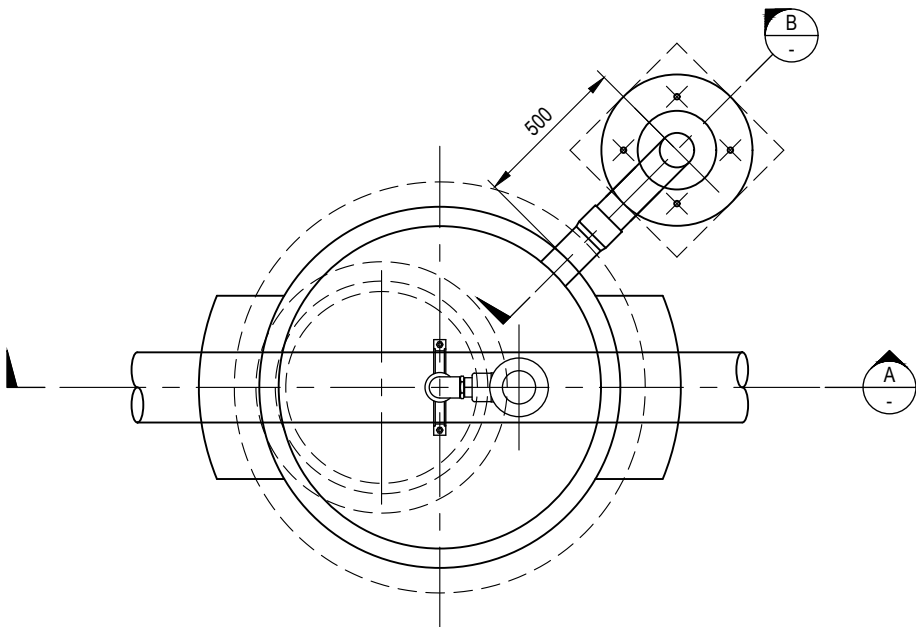


Section A-A
Not to Scale

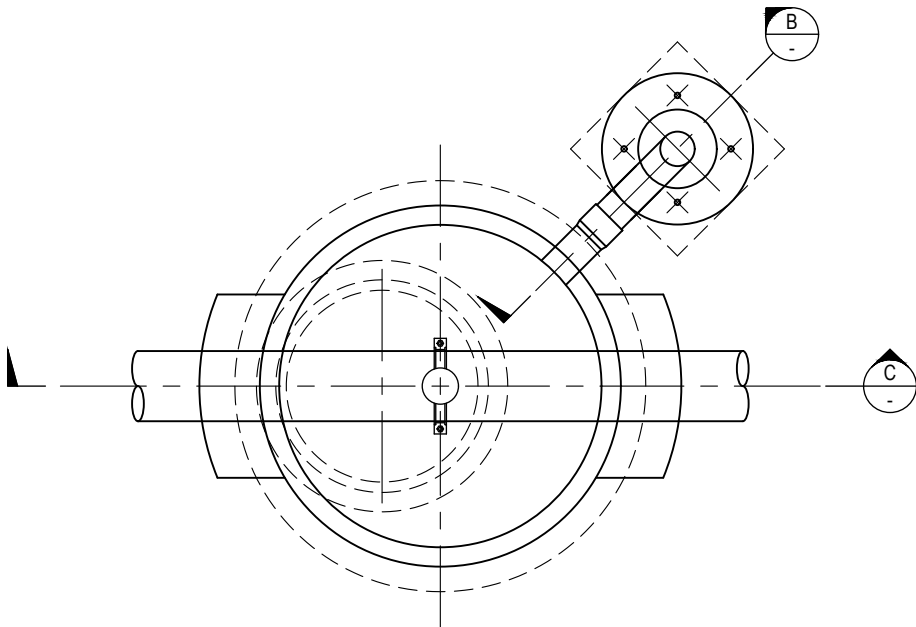
Section B-B
Not to Scale



Section C-C
Not to Scale



Plan
Air Valve (Sewer R/Main)
Typical Details
Not to Scale



Plan
Air Valve (Effluent R/Main)
Typical Details
Not to Scale

Items Schedule (Sewer R/Main)

ITEM	DESCRIPTION	DIA(MM)	REQD
1	Tapping Band (Screwed)	??x50	1
2	SS Elbow (Screwed) M&F	50	1
3	SS Nipple (Screwed) M&M	50	1
4	SS Ball Valve (Screwed) F&F	50	1
5	SS Elbow (Screwed) M&F	50	1
6	GFR "Vent Master" Air Valve	50	1
7	Vent Pipe	-	1
8	RC Shaft (length to suit)	1050	1
9	RC Convertor Slab	1050	1
10	RC Surround & CI Cover	600	1

Items Schedule (Effluent R/Main)

ITEM	DESCRIPTION	DIA(MM)	REQD
1	Tapping Band (Screwed)	200x50	1
2	Brass Nipple (Screwed) M&M	25	1
3	Brass Ball Valve (Screwed) F&F	25	1
4	"Vent-o-Mat" Air Valve (Screwed)	25	1
5	RC Shaft (length to suit)	1050	1
6	RC Convertor Slab	1050	1
7	RC Surround & CI Cover	600	1

NOTES:

- All dimensions are in metres unless otherwise shown.
- Concrete to be 32MPa and in accordance with AS. 1379 and AS. 3600.
- Reinforcement to be in accordance with AS. 4671.
- All flanges to be in accordance with AS. 2129 - Table C U.N.O.
- Air Valve marker posts to be installed in accordance with CMDG-W-060.
- Precast Reinforced Concrete Chamber components to be Humes 1050 Access Chamber Epoxy Jointed or similar approved equivalent.
- RC Convertor Slab, RC Surround & CI Cover to be rotated to provide optimum access to pit.
- RC Surround to be supplied with Cast Iron frame to suit solid Cast Iron bolt down San Sew Cover.
- For details of Vent Pole refer to CMDG-S-035 or CMDG-S-036.
- Where foundation bearing pressure is less than 50 kPa, excavate and replace unsatisfactory material with compacted CBR15 material to the depth ordered by the Works Supervisor.

APPLICABILITY TABLE

Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	No	Yes	Yes	Yes	Yes
Applicable DWG	CMDG-S-057						

Capricorn Municipal Development Guidelines

Incorporating:
Banana Shire Council (BSC) Maranoa Regional Council (MRC)
Central Highlands Regional Council (CHRC) Rockhampton Regional Council (RRC)
Gladstone Regional Council (GRC) Isaac Regional Council (IRC)
Livingstone Shire Council (LSC)

AIR VALVES CONSTRUCTION DETAILS

SEWER

STANDARD
DRAWING A3

CMDG-S-072

REV. B C D E F G

REVISIONS	DATE
G DRAWING REFERENCES UPDATED, STYLE UPDATED	04/2023
F IRC ADDED	11/2016
E DIMENSIONS EXPRESSED IN MM GRC APPLICABILITY CHANGE	03/2015
D GRC AND LSC ADDED	09/2014
C VENT POLE DWG REFERENCE AMENDED	01/2013
B RRC AMENDMENTS	05/2011

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