

Aymroo
INNOVATE | CREATE | CONNECTProducts



***maintenance*SHAFTS**

PRODUCT CATALOGUE

MAINTENANCE SHAFTS



Aymroo PVC Maintenance Shafts can replace traditional manholes, where approved, for cheaper and easier sewer system installs. Aymroo has supplied over 50,000 to date, saving thousands of hours for installers and thousands of dollars for project managers.

- Extensive range of configurations.
- Designed for easy passage of camera and cleaning equipment.
- PVC construction compatible with 90% of all sewer installations across Australia and New Zealand -no need for adaptors to other materials.
- Pipe geometry ensures good flow characteristics.
- Strong, durable and lightweight for easier handling and shipping.
- Choice of standard 225 or 300mm riser for extra clearance.
- Small footprint reduces required excavation.
- Available with standard Solvent Cement Joint (SCJ) or optional Rubber Ring Joint (RRJ) types (adaptors for other pipe types available on request).

Quality Assurance

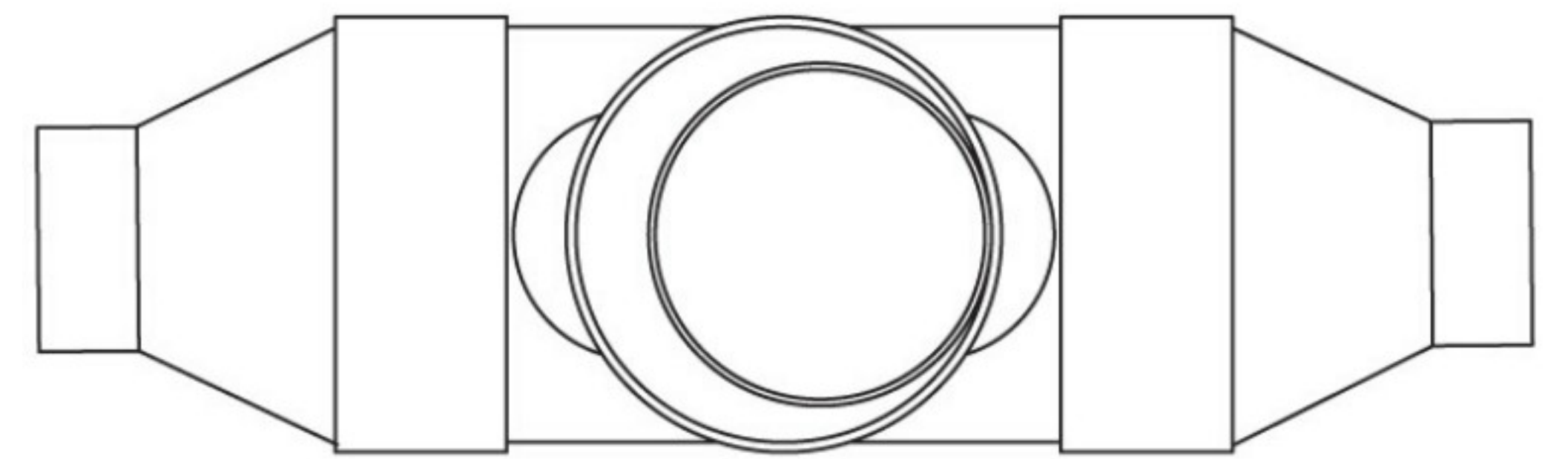
The Maintenance Shaft System is manufactured to the requirements of AS/NZS4999, plus it has been appraised by the Water Services Association of Australia (WSAA Product Appraisal 02/10) and is recommended as an alternative to manholes by its members and associates. All major water boards have also approved the system. Our system is suitable and recommended for installations across Australia.



Inline

Code MSIL____00

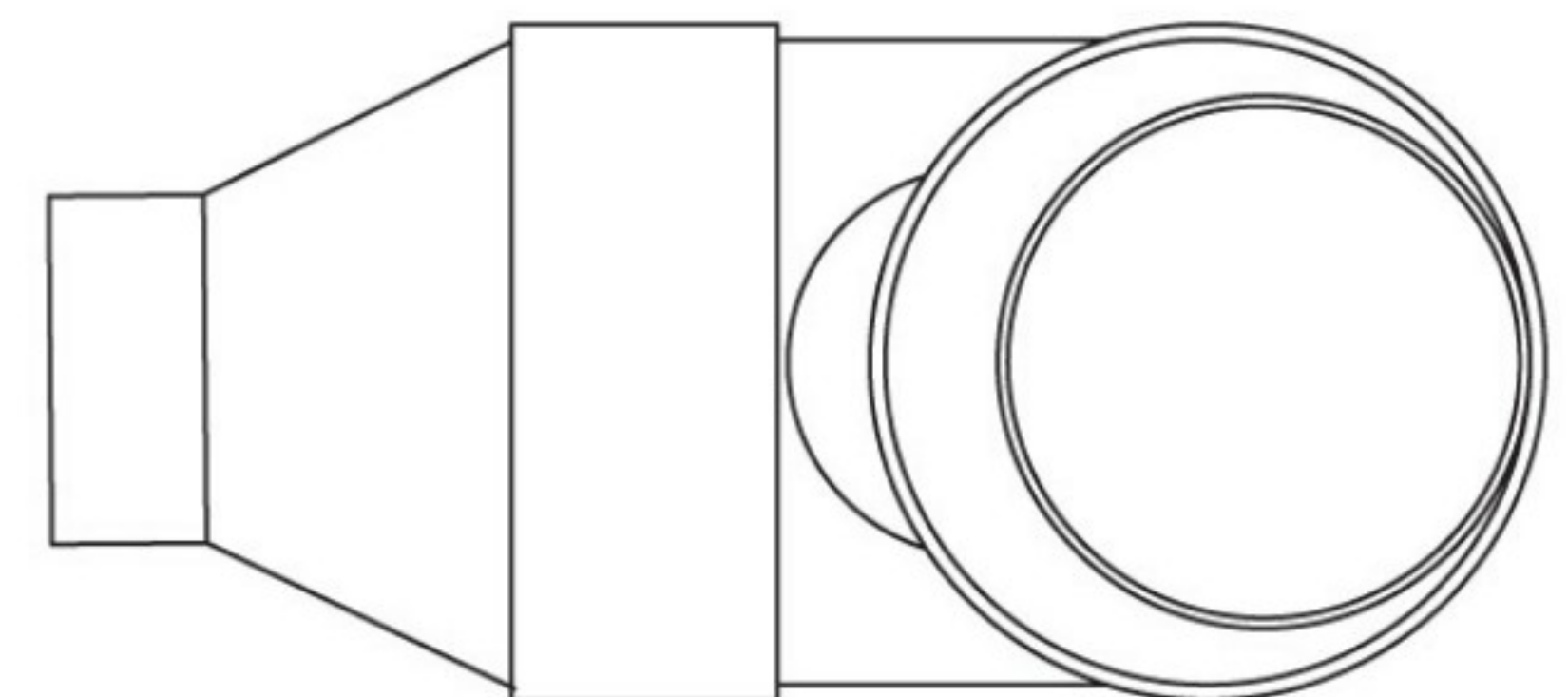
- Straight through MS.
- Fully moulded.
- Supplied with 225mm locking cap.
- Available in 150/225/300mm.



Terminal Elbow

Code MSTE__9000

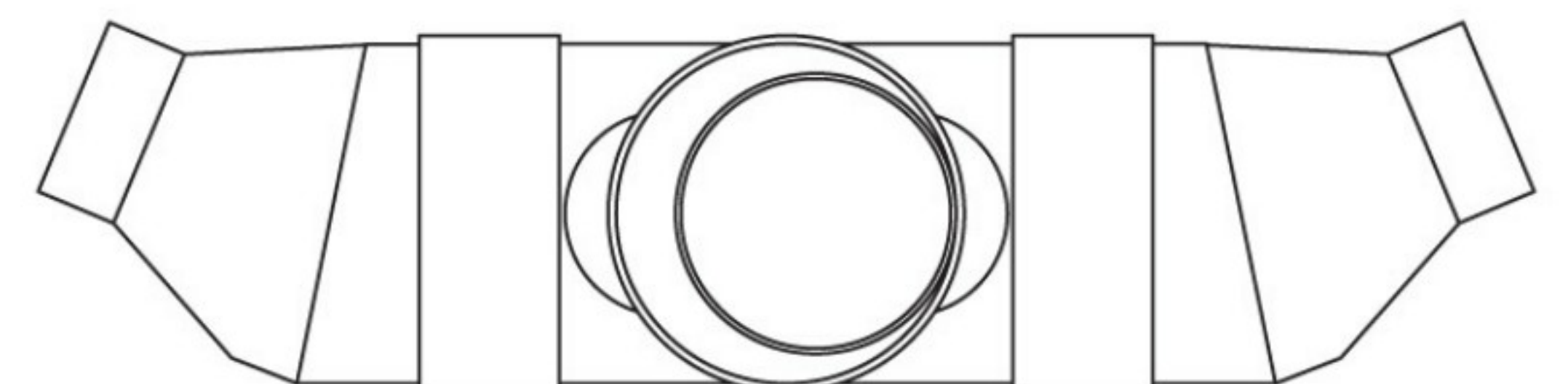
- End of line \ Termination Elbow MS.
- Fully moulded.
- Supplied with 225mm locking cap.
- Available in 150/225/300mm.



45° Elbow

Code MSBD____45

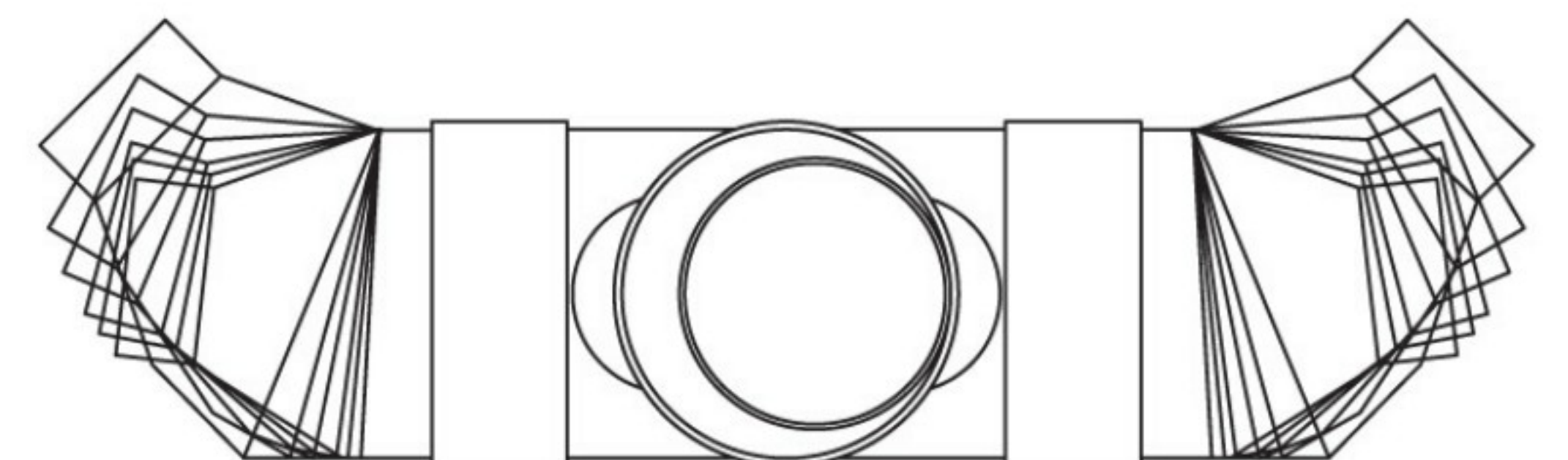
- Change of direction MS.
- Moulded and fabricated.
- Supplied with 225mm locking cap.
- Available in 150/225/300mm.



Elbow

Code MSBD_____

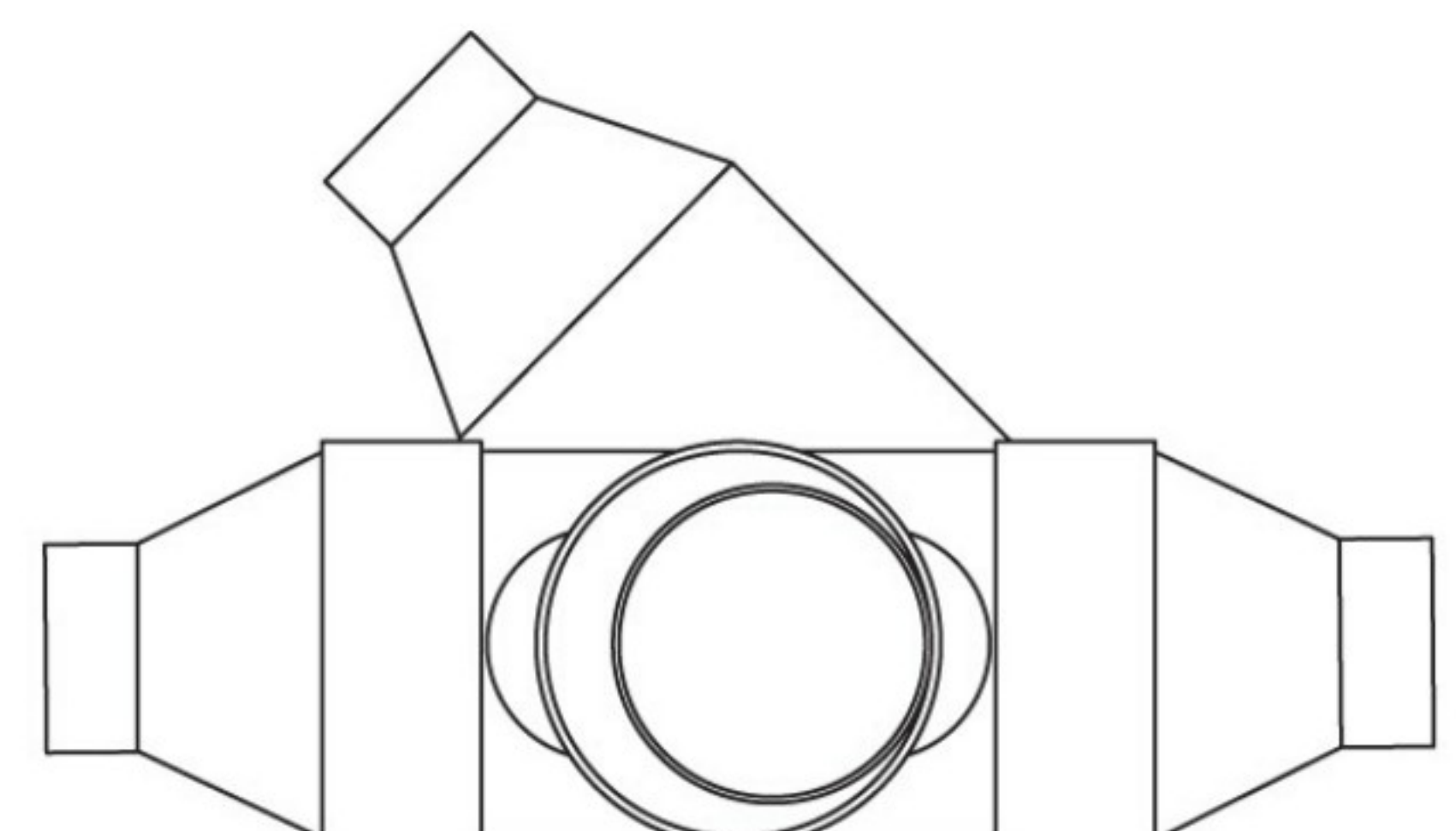
- Change of direction MS.
- Moulded and fabricated.
- Available in 15°, 22°, 30°, 60°, 90°.
- Supplied with 225mm locking cap.
- Available in 150/225/300mm.



45° Junction

Code MSJL\R__45

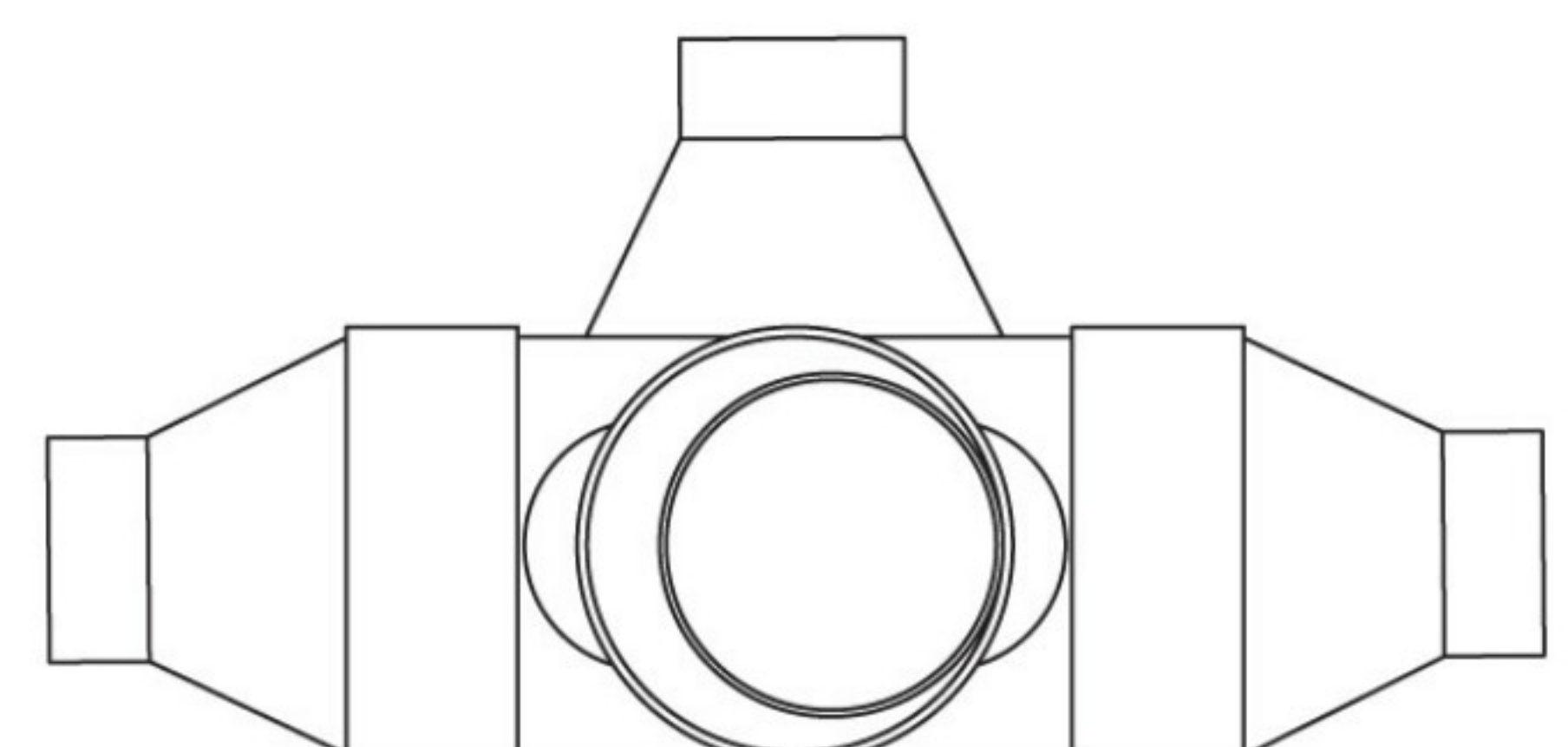
- 45° branch line Junction MS.
- Moulded and fabricated.
- Must be specified left or right (L or R).
- Supplied with 225mm locking cap.
- Available in 150/225/300mm.



90° Junction

Code MSJN__90

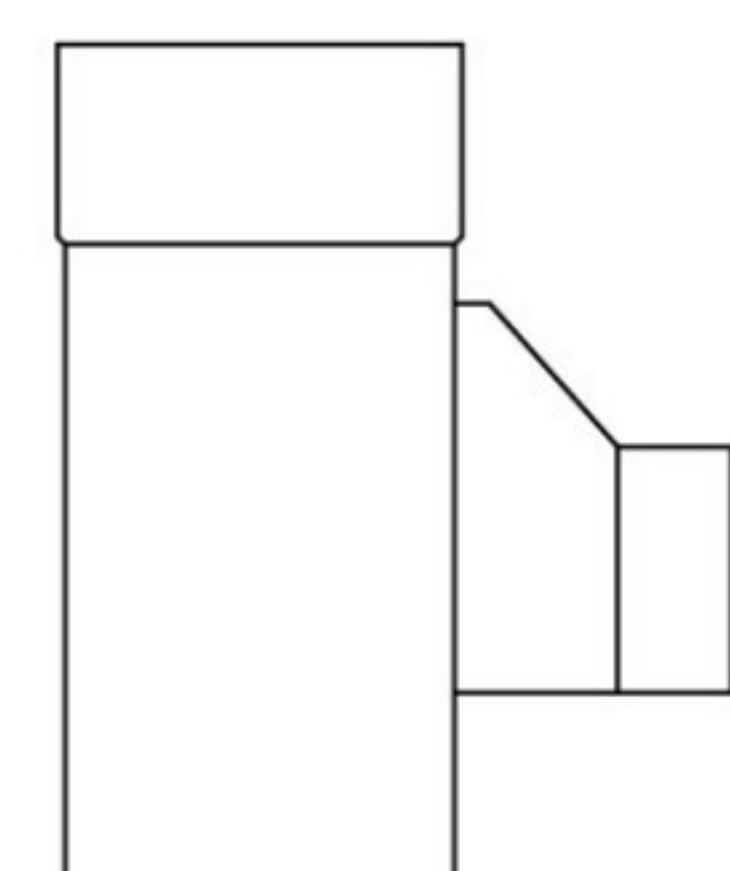
- 90° branch line Junction MS.
- Moulded and fabricated.
- Can be supplied in opposed configuration.
- Supplied with 225mm locking cap.
- Available in 150/225/300mm.

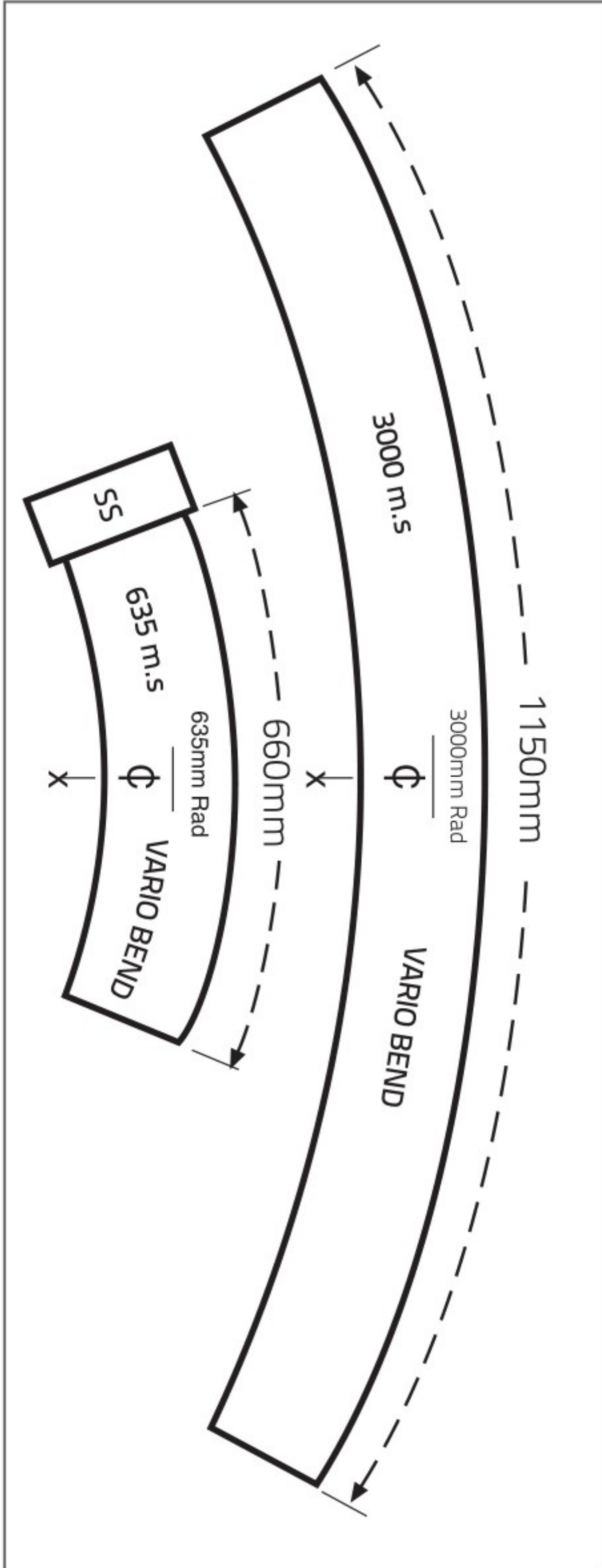


Riser Junction

Code MSRJM\F251590

- Inlet for house connection to MS.
- Fabricated fitting.
- M&F or F&F available.
- Made to suit maintenance equipment.





Vario Bends

- DN150 x 635mm RADIUS M&F incl. curved socket adaptor.
- DN150 x 3000mm RADIUS M&M.

1. Look up degree or % required.
2. Obtain length required from chart, measure distance on centre line on heel of bend.
3. Cut through pipe at 90° and remove swarf.
4. For 635mm vario, solvent cement bend into supplied curved socket adaptor and then solvent cement into MS socket.
5. For 3000mm vario, solvent cement end into MS socket.

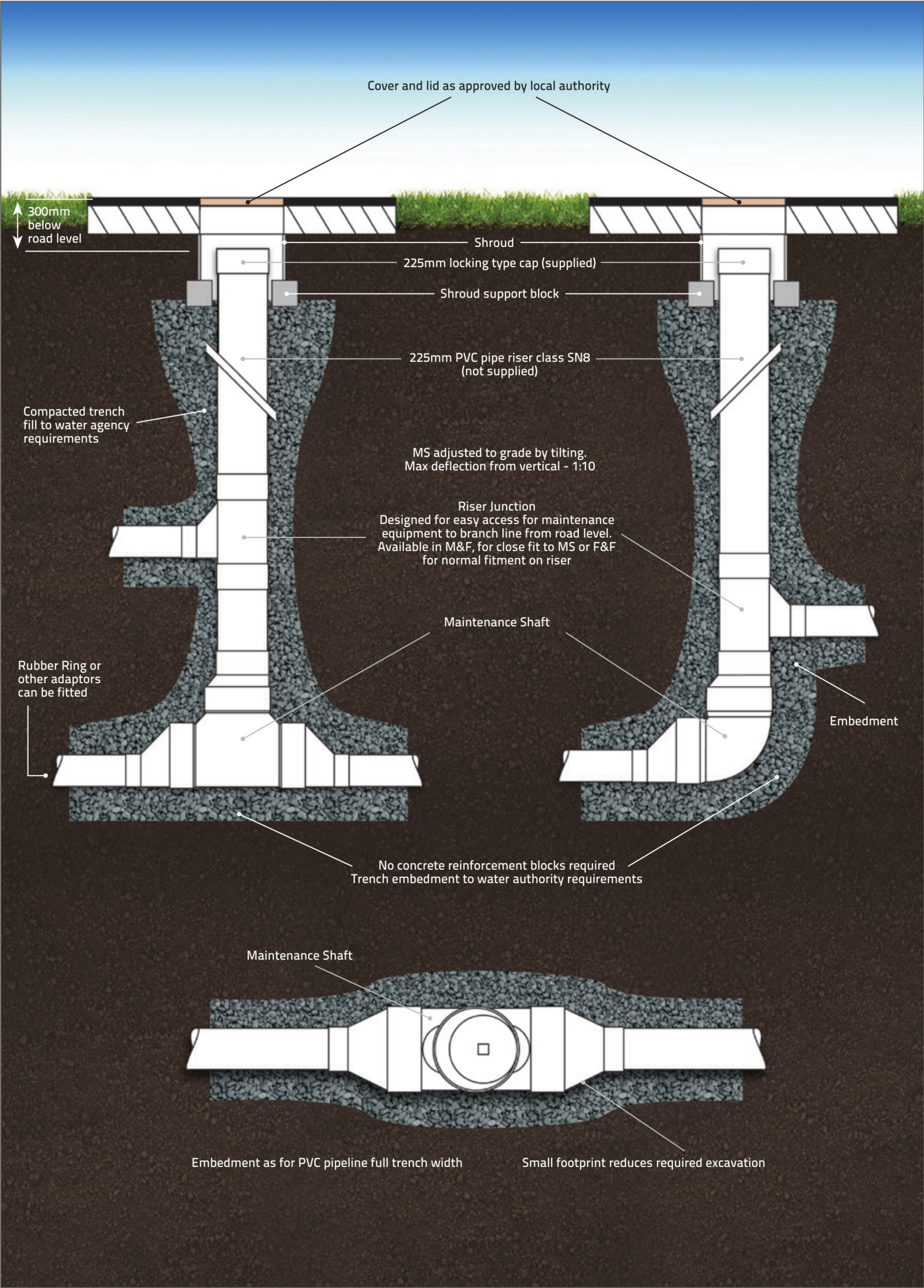
DEFLECTION		L (MM) MEASURED ALONG OUTSIDE FACE OF VARIO BEND	
DEGREES	%	HORIZONTAL BEND R=635mm, L=12.5mm PER 1°	VERTICAL BEND R=3000mm, L=53.8mm PER 1°
2	3.49	-	Min 110
3	5.24	-	160
4	6.99	-	215
5	8.74	-	270
6	10.27	-	325
7	12.27	-	375
8	14.05	Min 100	430
9	15.83	110	485
10	17.63	125	540
11	19.43	135	590
12	21.25	150	645
13	23.08	160	700
14	24.93	175	755
15	26.79	185	805
16	28.67	200	860
17	30.57	210	915
18	32.49	225	970
19	33.00	235	1020
20	36.40	250	1075
21	38.38	260	1130
22	40.40	275	1185
23	42.44	285	1235
24	44.52	300	1290
25	46.63	310	1345
26	48.77	325	1400
27	50.95	335	1450
28	53.17	350	1505
29	55.43	360	1560
30	57.73	Max 375	Max 1615

Accessories

- Riser Kicker Bend 225mm x 1° to 5°.
- Riser Shroud Pipe DN375 x 300mm.
- Class B cover and lid (concrete encased) 650mm OD x 450mm ID.

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Installation Recommendation





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