



ELEVATION  
**MAINTENANCE SHAFT - SEWER PROPERTY CONNECTION**  
**TYPICAL ARRANGEMENT**

**NOTES:**

1. THIS DRAWING DEPICTS THE SEWER AND SEWER CONNECTIONS AND MAINTENANCE SHAFT CONSTRUCTED IN PVC. OTHER APPROVED PIPELINE MATERIALS ARE PERMITTED.
2. REFER TO STANDARD DRAWING W2-2-06 FOR CONSTRUCTION DETAILS FOR MAINTENANCE SHAFTS, INCLUDING ACCESS COVER AND SURROUND DETAILS.
3. USE ONLY THE MANUFACTURER'S PRODUCTS SHOWN APPROVED IN THE PWC PRODUCTS MANUAL.
4. MAINTENANCE SHAFT RISER CAN BE DN225 OR DN300.
5. WHERE NECESSARY TO ADJUST RISER SHAFT TO LESS THAN 0.5° FROM THE VERTICAL, INSTALL A SHORT RADIUS BEND OF APPROPRIATE ANGLE AT CONNECTION OF RISER SHAFT TO CHAMBER.
6. MAXIMUM PERMITTED SIZE OF PROPERTY CONNECTIONS OR SEWER CONNECTIONS TO A MAINTENANCE SHAFT RISER IS DN150.
7. PROVIDED TOTAL LOADING CONNECTED TO THE MAINTENANCE SHAFT RISER IS NO MORE THAN 20 EP - THE FOLLOWING COMBINATIONS ARE PERMITTED;
  - ONE SEWER
  - ONE SEWER AND ONE PROPERTY CONNECTION
  - TWO PROPERTY CONNECTIONS
8. SEWER CONNECTIONS AND/OR PROPERTY CONNECTIONS TO THE MAINTENANCE SHAFT RISER MAY CONNECT AT ANY ANGLE TO THE DIRECTION OF THE SEWER.
9. DESIGNERS SHOULD NOTE THAT KICKER BENDS AND/OR ADAPTORS FOR DN225 RISER MAY INCREASE FIELD DIMENSIONS TO MORE THAN 750mm.

4	GENERAL AMENDMENTS 2018.	P.W.	SEPT' 18	I.L.	D.C.
3	INVERT TAPER / END CAP ARRANGEMENTS CHANGED.	RGI	AUG' 08	R.J.	J.P.
2	NOTES 4 AND 5 AMENDED.	RGI	NOV' 06	R.J.	J.P.
1	COVER SIZE CHANGED TO MATCH W2-2-07	AC	AUG' 05	R.J.	J.P.
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					



DES	P.S. / N.McC	SEWERAGE STANDARD DRAWING		
DRN	A.G.	CONNECTIONS		
CHK	P.S.	MAINTENANCE SHAFT		
APPD	N.McC	DN150 CONNECTION TO RISER		
SCALE	N.T.S.	A3	DRAWING NUMBER	W2-1-09
ISSUED	MAY' 01			
ALL DIM. IN mm				4
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		
		AMDT		