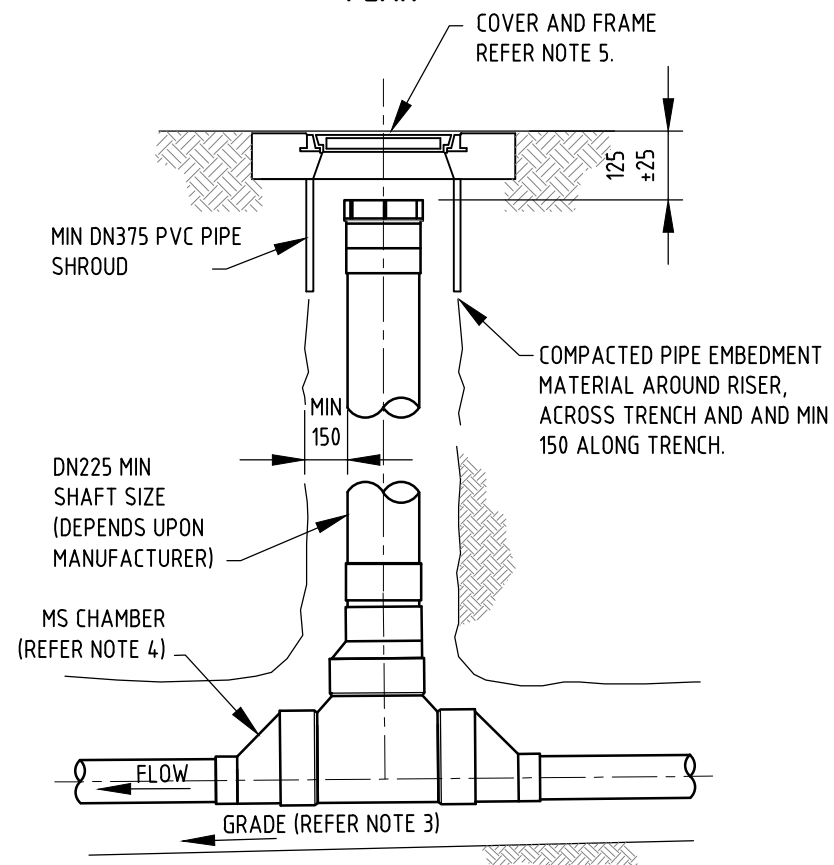
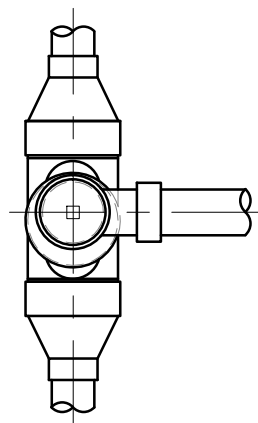


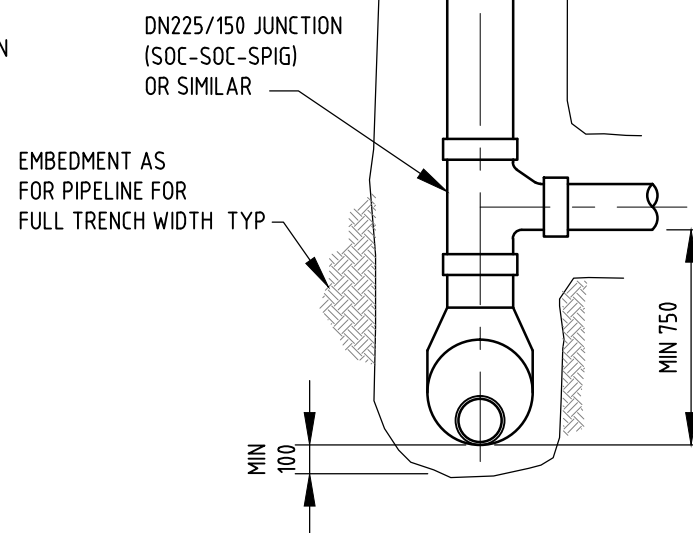
PLAN



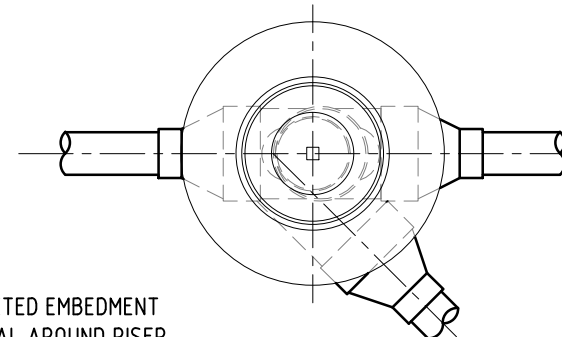
ELEVATION
MAINTENANCE SHAFT (MS)



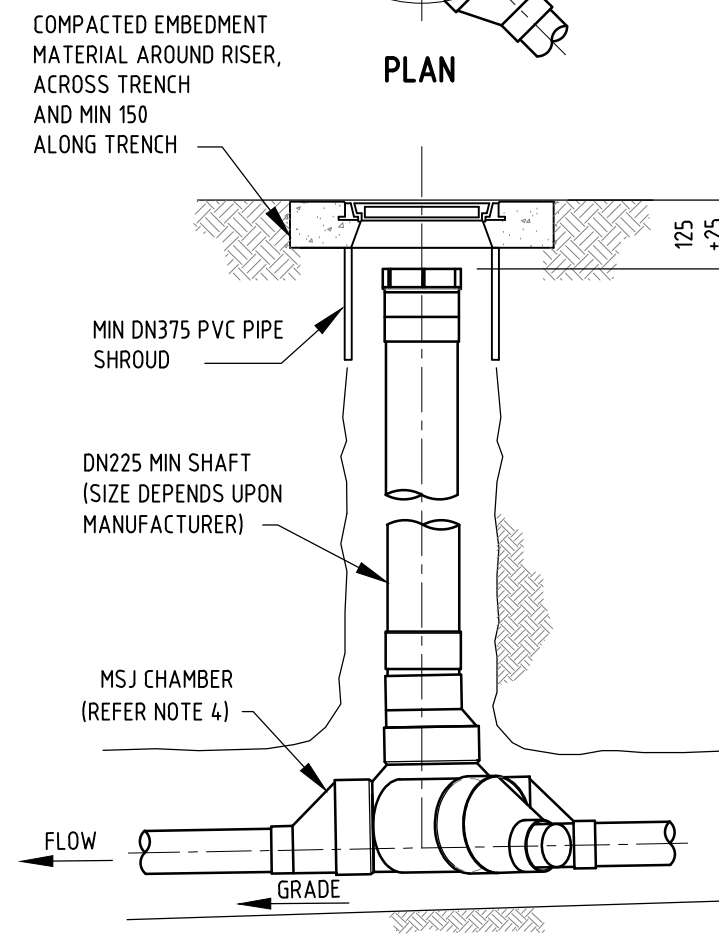
PLAN



END ELEVATION
PLAIN RISER SHAFT




PLAN



ELEVATION
MAINTENANCE SHAFT JUNCTION (MSJ)

NOTES:

1. REFER 4005-20002-01 TO 4005-20002-03 FOR GENERAL NOTES.
2. FOR 'DROP JUNCTION' OPTION, MAX 2 PROPERTY CONNECTIONS PERMITTED.
3. ADJUST MS TO PIPE GRADE BY TILTING CHAMBER. MAX DEVIATION FROM VERTICAL OF THE RISER TO BE 1:10 OR A MAXIMUM OF 300 AT SURFACE. USE KICKER BEND IF REQUIRED TO ADJUST RISER TO VERTICAL.
4. MAINTENANCE SHAFT & COMPONENTS (BASE, SHAFT, JUNCTIONS ETC.) SHALL BE OBTAINED FROM ONE MANUFACTURER & SHALL NOT BE MIXED.
5. FOR LID & COVER TYPE REFER APPROVED PRODUCTS GRAVITY AND PRESSURE SEWER SYSTEMS. INSTALLATION SHALL BE AS PER 4005-20005-04.
6. MAINTENANCE SHAFTS SHALL ONLY BE PERMITTED UP TO A MAXIMUM DEPTH TO INVERT OF 5000.
7. ALL DIMENSIONS IN MILLIMETRES.

REVISION PANEL					DESIGN PANEL		 This drawing is the property of the SOUTH AUSTRALIAN WATER CORPORATION and shall not be copied or modified in part or in whole without authorization.	SA WATER STANDARD DRAWINGS		A3	1
REV	DATE	DRN	DETAILS	APR	CURRENT REV	AUTHORISED:		SEWER CONSTRUCTION MANUAL		SHT SIZE	REVISION
								MAINTENANCE SHAFT			
								INSTALLATION			
1	31/03/16	MS	2016 STANDARDS REVIEW	TG							
					DESIGNED: 03/08/15	AUTHORISED: 31/03/16				TOTAL SHEETS:	
					RJP	T.GALEK				SUPERSEDES: 02-0291-01 (L18)	
					DRAWN: 25/09/15	SIGNATURE:				DRAWING NUMBER	
					MS					4005-20005-09	
					REVIEWED: 21/03/16					PREFIX	SHEET
					TG					NUMBER	