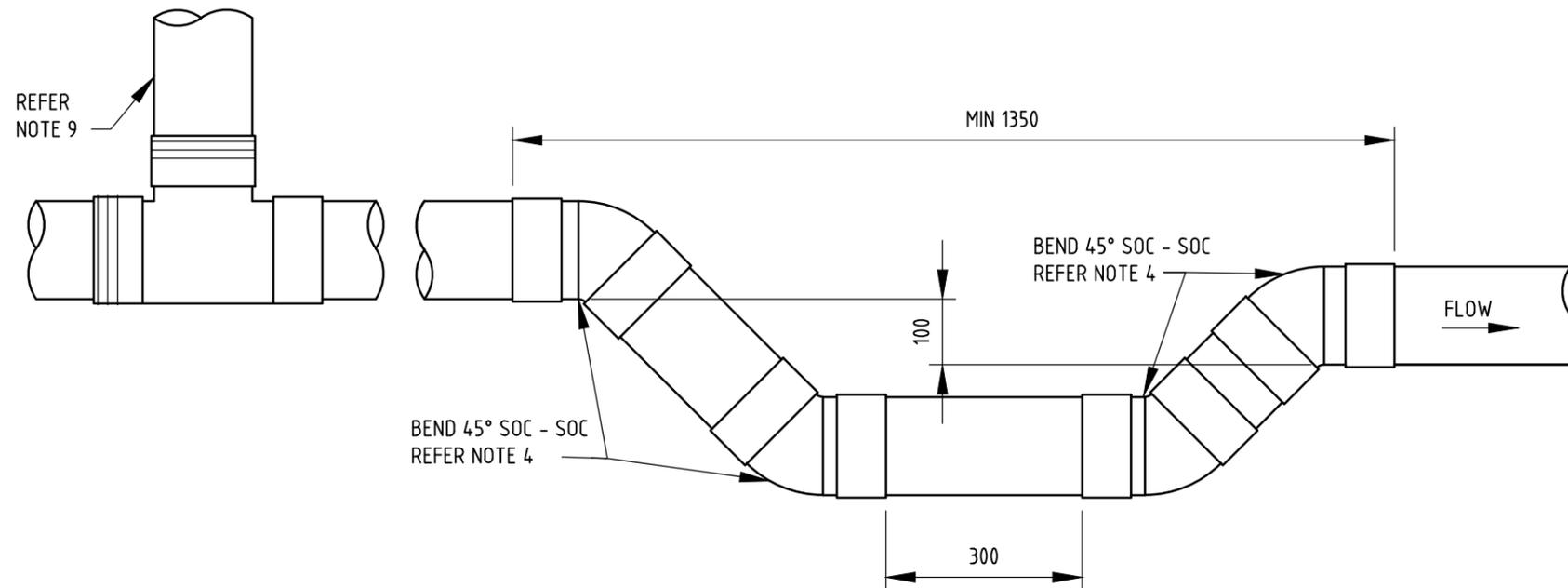


**DN100 WATER SEAL**



**DN150 WATER SEAL**

**NOTES:**

1. REFER 4005-20002-01 & 4005-20002-02 FOR GENERAL NOTES.
2. A WATER SEAL SHALL BE CONSTRUCTED ON ALL CONNECTIONS WHICH FLOW INTO THE SEWERS DN450 AND LARGER.
3. THE WATER SEAL SHALL BE CONSTRUCTED ADJACENT AND DOWNSTREAM OF THE CONNECTION IP.
4. THE WATER SEAL SHALL BE LAID AT A FLAT GRADE. THE REMAINDER OF THE CONNECTION SHALL BE LAID AT THE DESIGNED GRADE.
5. REFER 4005-20006-03 FOR MINIMUM CONNECTION GRADE.
6. OPTIMUM WATER SEAL DEPTH SHALL BE PIPE DIAMETER + 50 FOR ALL PIPE DIAMETERS.
7. 45° BENDS SHALL ONLY BE USED WHERE SPACE IS LIMITED AND WHERE APPROVED BY THE SA WATER REPRESENTATIVE.
8. CONNECTION LENGTH SHALL NOT EXCEED 30 m.
9. REFER 4005-20006-02 FOR INSPECTION POINT CONSTRUCTION DETAIL.
10. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTE OTHERWISE.

REVISION PANEL				
REV	DATE	DRN	DETAILS	APR
1	31/03/16	MS	2016 STANDARDS REVIEW	TG

DESIGN PANEL	
DESIGNED: 03/08/15	AUTHORISED: 31/03/16
RJP	T.GALEK
DRAWN: 25/09/15	SIGNATURE:
MS	
REVIEWED: 21/03/16	
TG	

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**SA WATER STANDARD DRAWINGS  
SEWER CONSTRUCTION MANUAL  
WATER SEAL ASSEMBLY DETAILS  
PROPERTY CONNECTION INTO  
TRUNK SEWER MAIN**

A3	1
SHT SIZE	REVISION
TOTAL SHEETS:	
SUPERSEDES: 94-0164-11 (K11)	
DRAWING NUMBER	
4005-20007-02	
PREFIX	NUMBER SHEET