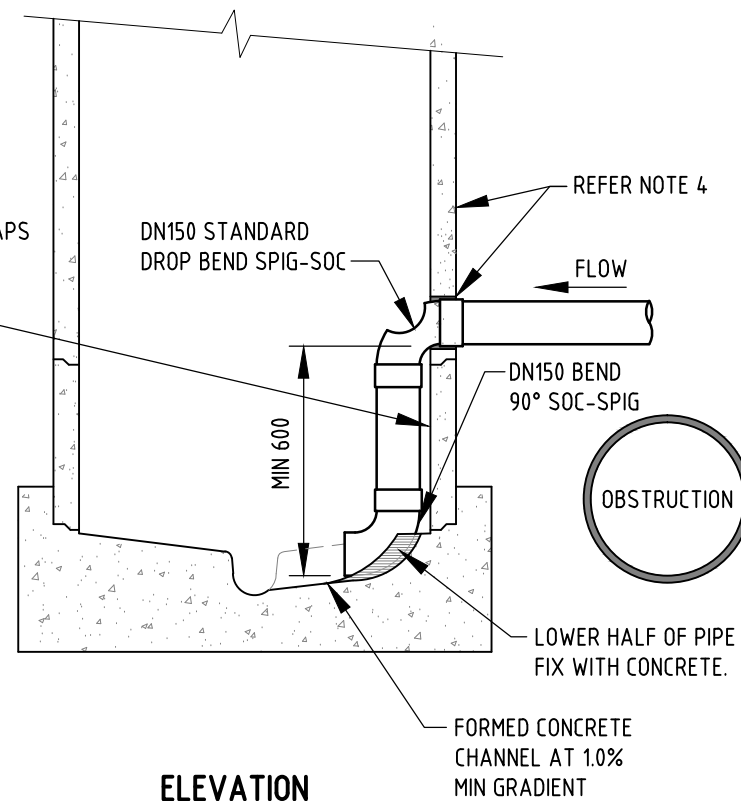
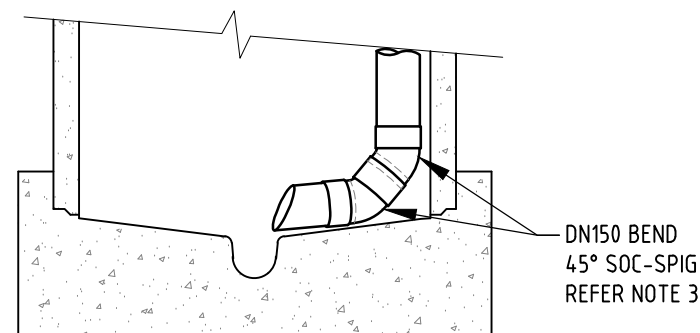


IF JUMP UP LARGER THAN 900,
FIX PIPE TO WALL WITH
GRADE 316 STAINLESS STEEL STRAPS
AND STAINLESS STEEL ANCHORS
AT TOP AND BOTTOM AND
AT MAX OF 750 INTERVALS.

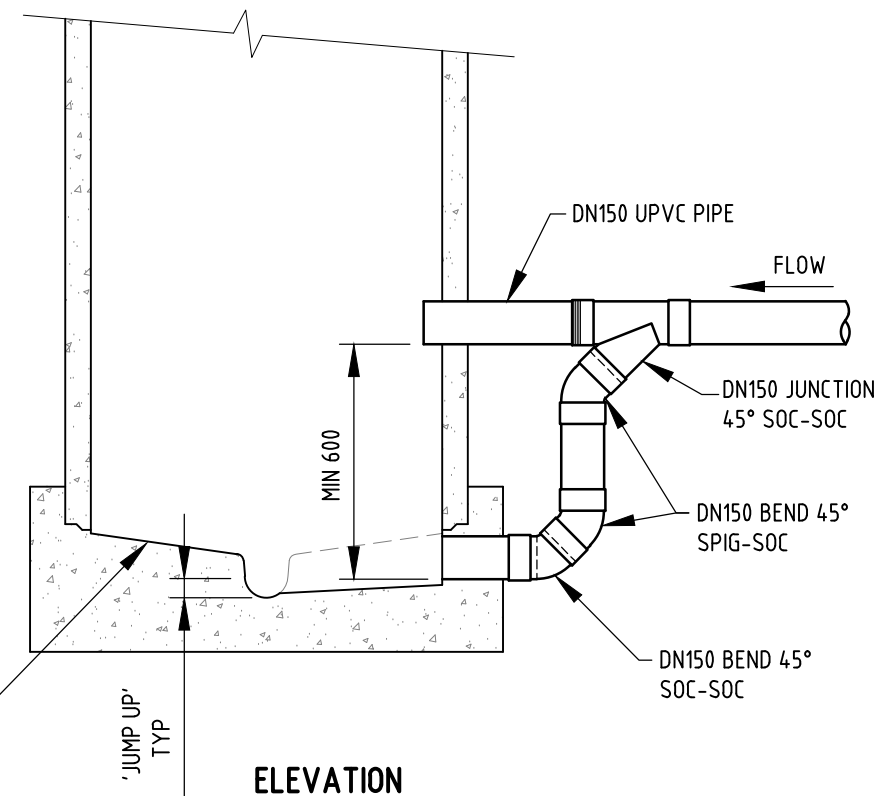


ELEVATION
NEW MAINTENANCE HOLE
INTERNAL JUMP UP OPTION
(PREFERRED)



ELEVATION
EXISTING MAINTENANCE HOLE
INTERNAL JUMP UP OPTION


FOR CHANNEL AND
BENCH DETAIL
INCLUDING 'JUMP UP'
REFER 4005-20005-06



ELEVATION
NEW MAINTENANCE HOLE
EXTERNAL JUMP UP OPTION

NOTES:

1. REFER 4005-20001-01 TO 4005-20001-03 FOR GENERAL NOTES.
2. THE INTERNAL JUMP UP OPTION SHALL BE PREFERRED METHOD. THE EXTERNAL JUMP UP OPTION IS SUBJECT TO APPROVAL BY SA WATER REPRESENTATIVE.
3. DISCHARGE PIPE TO BE TURNED TO DIRECT SEWAGE IN DIRECTION OF MAIN FLOW.
4. REFER TO 4005-20005-03 FOR MAINTENANCE HOLE TYPICAL PRECAST STRUCTURE ASSEMBLY DETAILS AND INSTALLATION OF THE PIPE THROUGH THE WALL.
5. EXTERNAL JUMP UP: FOR STEEP SEWER GRADIENTS, USE ADDITIONAL BEND(S) TO ENSURE 'JUMP UP' REMAINS VERTICAL.
6. MAXIMUM OF 2 INTERNAL JUMP-UPS PER MAINTENANCE HOLE IS PERMITTED.
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 SEWER CONSTRUCTION MANUAL MAINTENANCE HOLE WITH JUMP UP INTERNAL/ EXTERNAL OPTIONS		A3 SHT SIZE TOTAL SHEETS: SUPERSEDES: L11, L12 DRAWING NUMBER 4005-20005-08 PREFIX NUMBER SHEET	
REV	DATE	DRN	DETAILS	APR	CURRENT REV	AUTHORISED:				1	REVISION
						RJP					
						DRAWN: 25/09/15 MS					
						REVIEWED: 21/03/16 TG					
1	31/03/16	MS	2016 STANDARDS REVIEW	TG							