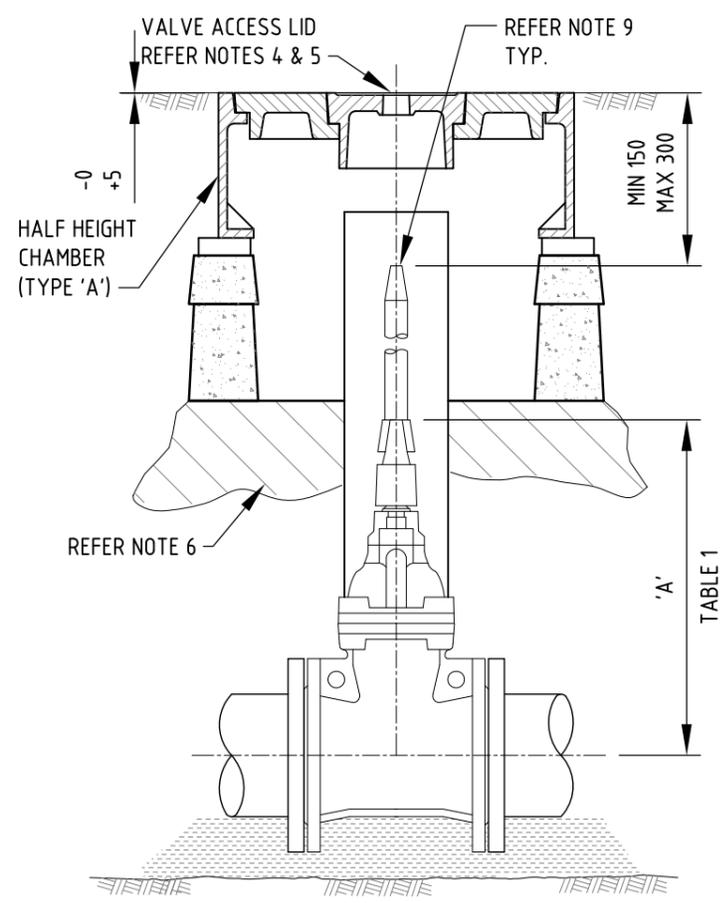
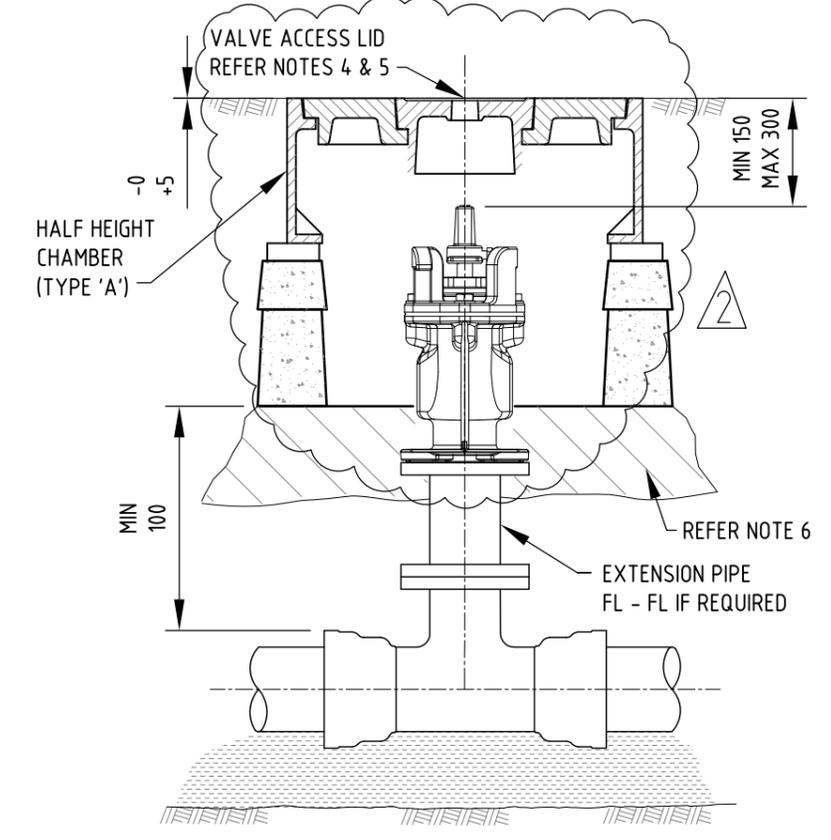


ISOLATING VALVE IN CHAMBER (STANDARD)



ISOLATING VALVE IN CHAMBER WHERE EXTENSION SPINDLE IS REQUIRED



BELOW GROUND FIRE HYDRANT IN CHAMBER (ALL DEPTHS)

TABLE 1:

ISOLATING VALVES DIMENSIONS							
VALVE DN	80	100	150	200	250	300	375
DIMENSION 'A'	367	402	502	610	723	810	960

*DIMENSION 'A' IS MAX HEIGHT IN ACCORDANCE WITH AS 2638.2
NOTE: DIMENSIONS VARY BETWEEN MANUFACTURERS.
REFER MANUFACTURER DATA SHEET.

NOTES:

- REFER 4005-30002-01 & 4005-30002-02 FOR GENERAL NOTES.
- CAST IRON STREET BOX, SPINDLE SLEEVE, AND CONCRETE SUPPORT SHALL BE INSTALLED SUCH THAT NO LOADING IS TRANSMITTED TO THE VALVE, HYDRANT OR PIPE.
- CAST IRON STREET BOX SHALL BE SET TO THE FINISHED SURFACE LEVEL AND SLOPE OF ROAD OR FOOTPATH (-0/+5).
- THE TYPE 'A' TWO PIECE LID SHALL BE INSTALLED IN THE ADELAIDE METROPOLITAN AREA.
- THE CONTRACTOR SHALL REMOVE THE LID DURING INSTALLATION TO ENSURE FUTURE CLEAR ACCESS TO THE VALVE SPINDLE/ HYDRANT.
- COMPACTED MATERIAL FOR SPACER /SLAB SUPPORT SHALL BE:
 - >100 BELOW VALVE GLAND,
 - >100 ABOVE FLANGE OR SOCKET,
 - OR AS DIRECTED BY AUTHORITY
 - GENERALLY COMPACTED QUARRY RUBBLE REQUIRED FOR LIGHT TRAFFIC AREAS. REFER 4005-30007-01 FOR HEAVY TRAFFIC ROADS.
- WHERE CONCRETE SPACERS ARE REQUIRED TO ACHIEVE THE FINISHED LEVEL **PLACE THICKEST SPACER IN BOTTOM POSITION PRIOR TO ADDING EXTRA SPACERS** IN ORDER OF THICKNESS. TO ACHIEVE THE FINISHED LEVEL. **ONLY 2 LAYERS OF PACKING SEGMENTS ARE PERMITTED.**
- CONCRETE OR FIBREBOARD PACKING SEGMENTS SHALL NOT BE USED FOR THE ORIGINAL MAINS INSTALLATION. THEY MAY BE USED FOR MAINTENANCE PURPOSES ONLY.
- VALVE EXTENSION SPINDLE IS AVAILABLE IN A RANGE OF LENGTHS (150 TO 950). REFER MANUFACTURER'S SPECIFICATIONS FOR AVAILABILITY.
- REFER SECTION 3 FOR INSTALLATION OF WATER SUPPLY PIPES EMBEDMENT AND BACKFILL.
- ALL DIMENSION IN MILLIMETRES.

REVISION PANEL				
REV	DATE	DRN	DETAILS	APR
2	26/10/16	RP	TWO PIECE LID FOR HYDRANT. NOTES CHANGED	
1	31/03/16	MS	2016 STANDARDS REVIEW	TG

DESIGN PANEL			
DESIGNED:	28/09/15	AUTHORISED:	31/03/16
RJP		T. GALEK	
DRAWN:	16/11/15	SIGNATURE:	
MS		ORIGINAL SIGNED	
REVIEWED:	21/03/16		
TG			


 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
WATER SUPPLY CONSTRUCTION MANUAL
CAST IRON STREETBOX
INSTALLATION IN UNMADE ROAD

A3	2
SHT SIZE	REVISION
TOTAL SHEETS:	
SUPERSEDES: 91-0090-01 (C10)	
DRAWING NUMBER	
4005-30007-02	
PREFIX	NUMBER SHEET