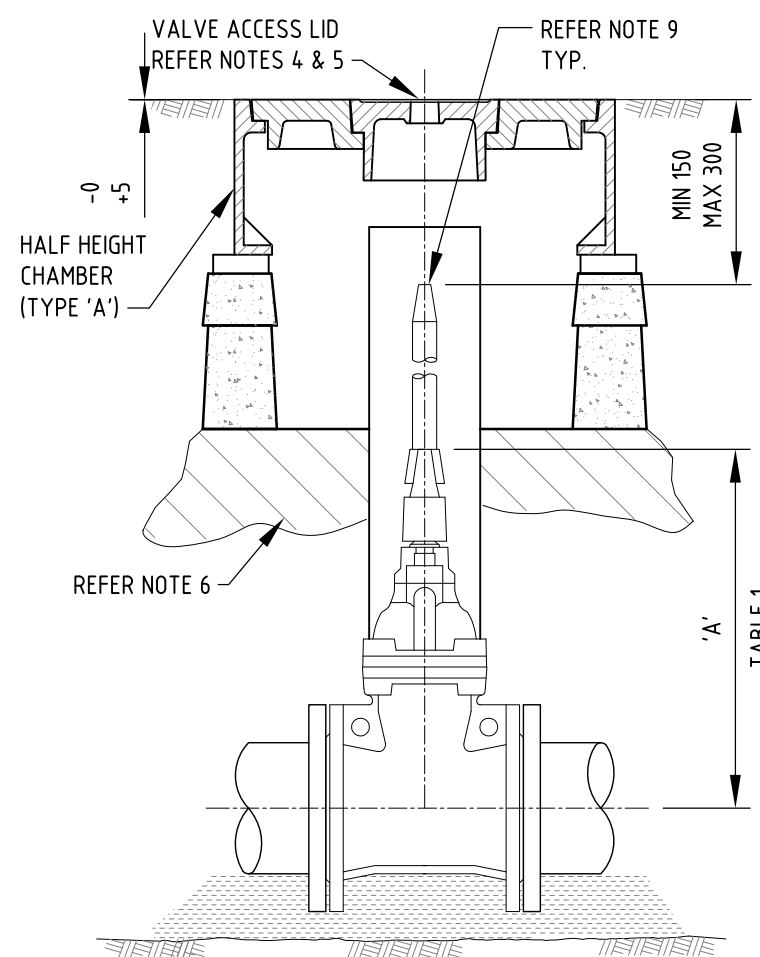
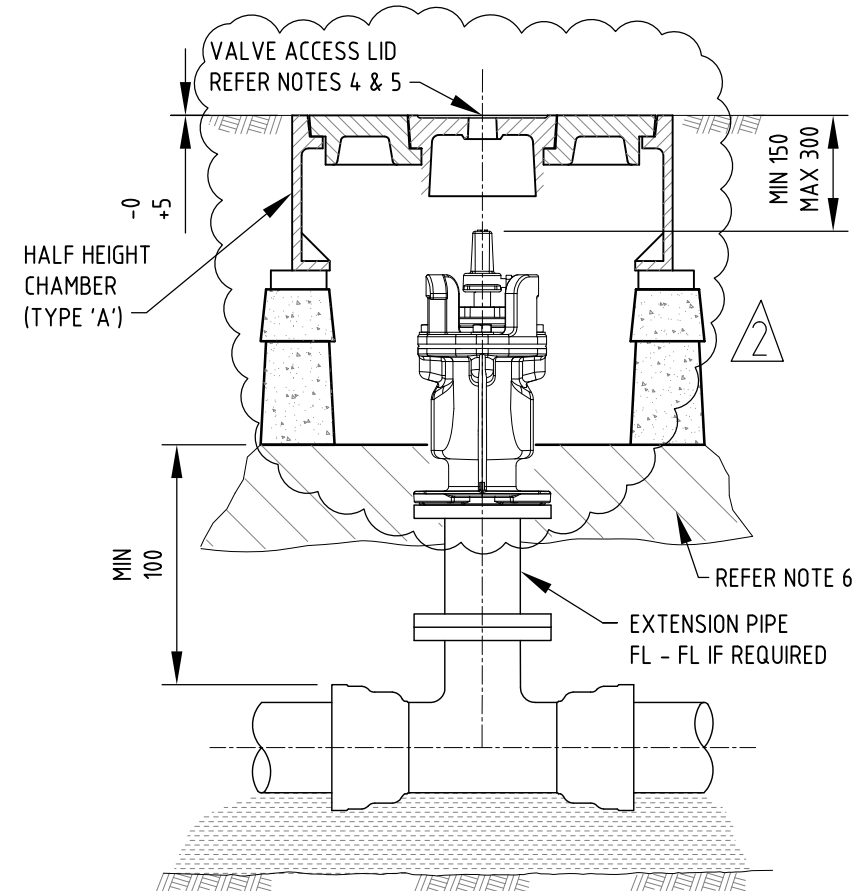


ISOLATING VALVE IN CHAMBER
(STANDARD)



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					DESIGN PANEL			SA WATER STANDARD DRAWINGS			A3	2
REV	DATE	DRN	DETAILS	APR	CURRENT REV 16/12/16	DESIGNED: 28/09/15	AUTHORISED: 31/03/16	WATER SUPPLY CONSTRUCTION MANUAL		TOTAL SHEETS:		REVISION
					AUTHORISED: T. GALEK	RJP	T. GALEK	CAST IRON STREETBOX		SUPERSEDES: 91-0090-01 (C10)		
					SIGNATURE:	DRAWN: 16/11/15	SIGNATURE:	INSTALLATION IN UNMADE ROAD		DRAWING NUMBER		
2	26/10/16	RP	TWO PIECE LID FOR HYDRANT. NOTES CHANGED			MS	ORIGINAL SIGNED			4005-30007-02		
1	31/03/16	MS	2016 STANDARDS REVIEW	TG		TG				PREFIX NUMBER SHEET		



SA Water



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