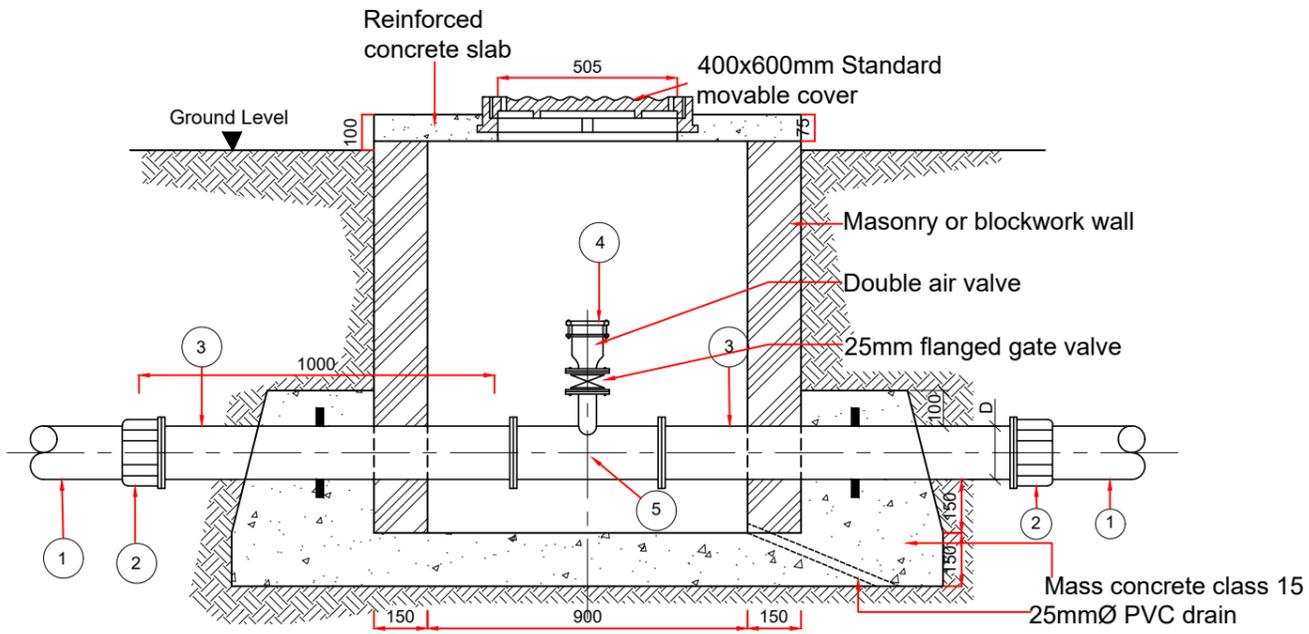
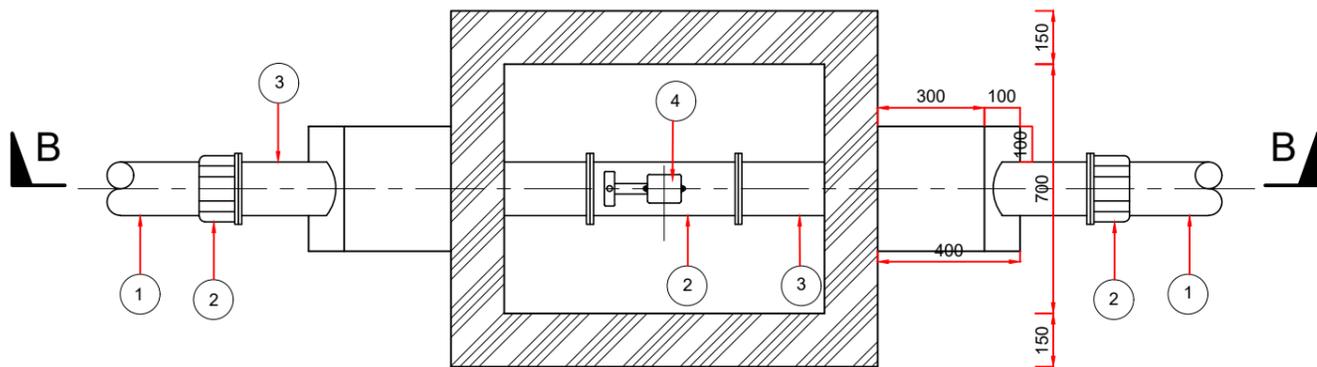


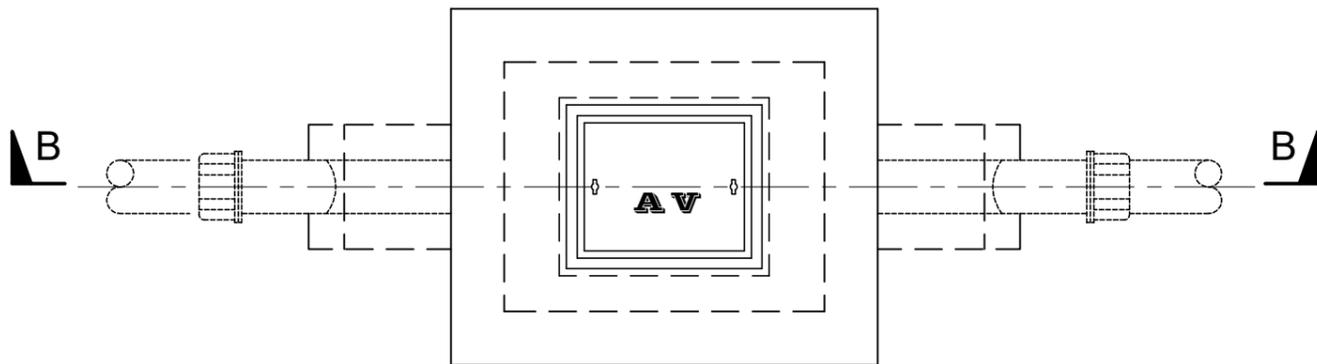
**NOTES**



**SECTION B-B**



**SECTION PLAN**



**PLAN**

**PIPE FITTINGS SCHEDULE**

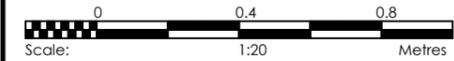
**TRANSMISSION / DISTRIBUTION MAIN**

- 1: HDPE/uPVC pipe
- 2: 2 No. gms/uPVC/HDPE flange adaptor
- 3: 2 No. double flanged DI pipe 000mm long.
- 4: 1 No. flanged double Air relief valve complet with isolating flanged gate valve to BS 5150 all to PN 16
- 5: 1 No. gms flanged tee.

Pipeline Ø	T-Branch Pipeline Ø1	Air Valve inlet Ø2
100-300	50	50
350-500	80	50

**\*Note:**

1. The pipe fittings/connection details ( pipe size & type ) for specific Air valves at particular chainages are shown on the connection diagrams for the particular Air valves.
2. All small air valves to have Ø1.75mm Orifices.
3. All socket tees to have PN16 Flanged branches.
4. For Ø100, 150, 200, 250,300mm, the T-branch diameter Ø1 is 50mm.
5. All Dimensions are in millimeters.
6. The design of th spindle cap recess should suit the spindle end of the valve.
7. Minimum chamber dimensions shall be as tabulated subject to a clearance aaround Hydrant of air valve assembly (including for isolating valve) of 800mm in both length and width.



CLEINT;



**THE REPUBLIC OF UGANDA**  
MINISTRY OF WATER AND ENVIRONMENT  
Directorate of Water Development

PROJECT

**KAWUMU PRESIDENTIAL MODEL IRRIGATION SYSTEM AND FACILITIES**

DRAWING TITLE

**AIR VALVE CHAMBER - MASONRY**

SURVEYED BY

SCALE  
1:20

DRAWN BY

DATE  
MAY 2021

CHECKED BY

DRAWING NO.

APPROVED BY

SD 105A