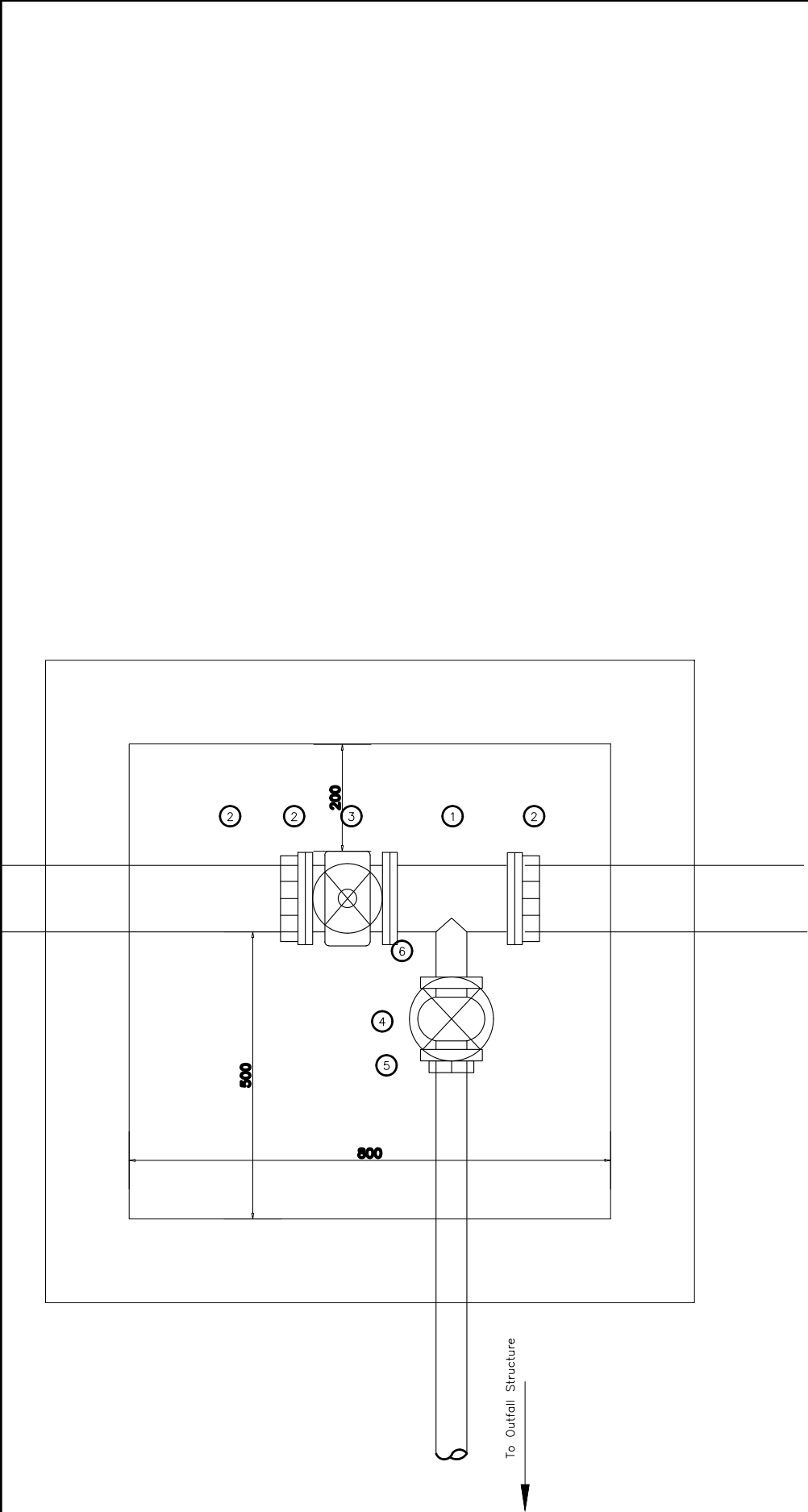


**BUSOLO PWS EXTENSION -ADDITIONAL FITTINGS**

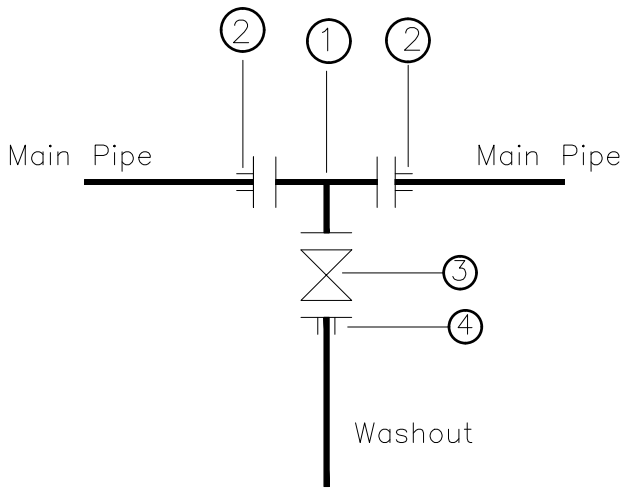
**DRAWINGS**

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<b>02</b>	<b>ISIOLATION VALVE DETAILS</b>	<b>BSISo [- -]02</b>	
<b>03</b>	<b>AIR RELEASE VALVE (ARV) DETAILS</b>	<b>BSArv [- -]03</b>	

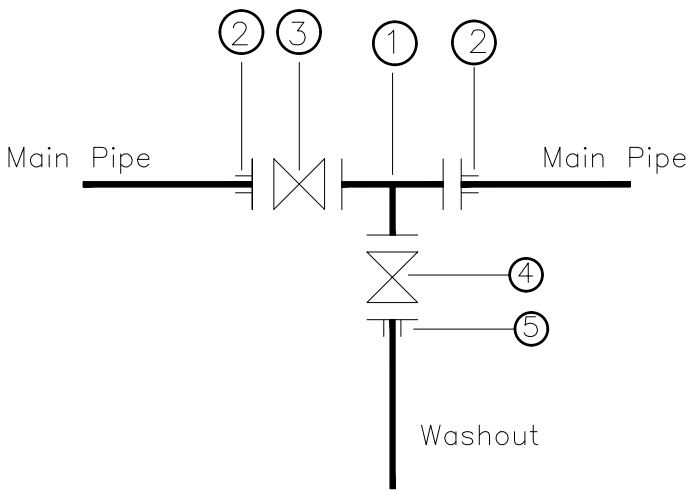


WO TYPE 1



- 1No Saddle clamp Tee OD A/B
- 2No PVC Adaptor, Maxi type or similar type OD A
- 1No Brass Gate Valve OD A
- 1No PVC Adaptor, OD B

WO TYPE 2



- 1No Saddle clamp Tee OD A/B
- 2No PVC Adaptor, OD A
- 1No Brass Gate Valve OD A
- 1No Brass Gate Valve OD B
- 1No PVC MALE Adaptor OD B

NOTES

- All dimensions are in millimetres
- Chamber to have internal dimensions as indicated
- Chamber Base to be reinforced concrete C20 150mm with drain hole Reinforcement Y8 200mm C/C
- Chamber Walls to be reinforced concrete C20 100mm thick Reinforcement BRC Mesh A142
- Chamber Cover slab to be reinforced concrete C20 100mm thick Reinforcement Y10 200mm C/C with moveable cover 600x600 and frame

Pipe Diameter		Fittings Diameter	
Main Pipe	Washout	A	B
OD 50	OD 50	OD 50	OD 50
OD75	OD 75	OD50	OD 50
NOTE: Pressure ratings of Washouts and Fittings shall be similar to those of the main pipe on which the washout is to be installed			

AMENDMENTS

No	Date	Revision

NOTES

- ALL DIMENSIONS TO BE CHECKED ON SITE, WRITTEN DIMENSIONS TO BE FOLLOWED IN PREFERENCE TO SCALED DIMENSIONS.
- ALL WALLS LESS THAN 200MM THICK TO BE REINFORCED WITH HOOP IRON AT EVERY ALTERNATE COURSE.
- ALL REINFORCED CONCRETE WORK IS TO BE IN ACCORDANCE WITH STRUCTURAL ENGINEER'S DETAILS.
- ALL WASTE PIPES AND SOIL PIPES ARE TO BE IN DUCTS AND THE BENDS TO HAVE ALL CLEANING EYES ACCESSIBLE FROM OUTSIDE.
- ALL INTERNAL PLASTER TO BE TWO COATS STEEL FLOAT FINISHED.
- ALL MANHOLES WITHIN BUILDING AREA, DRIVEWAY AND PARKING TO HAVE HEAVY DUTY AIR TIGHT COVERS AND DOUBLE SEALED.
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- ALL LEVELS SHOWN AT FINISHED LEVELS UNLESS OTHERWISE STATED.
- ALL SURFACE BEDS TO BE CAST ON WELL-COMPACTED & WELL-CONSOLIDATED MURRUM OR SAND INFILL WHERE APPLICABLY STATED.
- ALL EXTENSION WORKS TO COMPLY WITH THE LATEST B.S STANDARD CODES OF PRACTICE, LOCAL AUTHORITY BYLAWS AND FIRE REGULATIONS.
- DEPTH OF FOUNDATION TRENCHES TO BE A MINIMUM OF 750MM BELOW REDUCED GROUND LEVEL, BUT TO BE DETERMINED FROM SITE.
- ALL PIPES AND SERVICES TO BE AT A MINIMUM OF 450MM BELOW REDUCED GROUND LEVEL.
- ALL VALVES HYDRANTS, AND WASHOUT LOCATIONS ARE IDENTIFIED BY MARKER POST IN POSITIONS

LEGEND



FINANCED BY:



Client:



GOAL-KAMPALA  
Procurement and Logistics  
Department  
Plot 1 Lubboke close,  
Le Palm Building,  
Muyenga, P.O Box 33140,  
Kampala-Uganda.  
Email:  
procurement@ug.goal

Consultant:

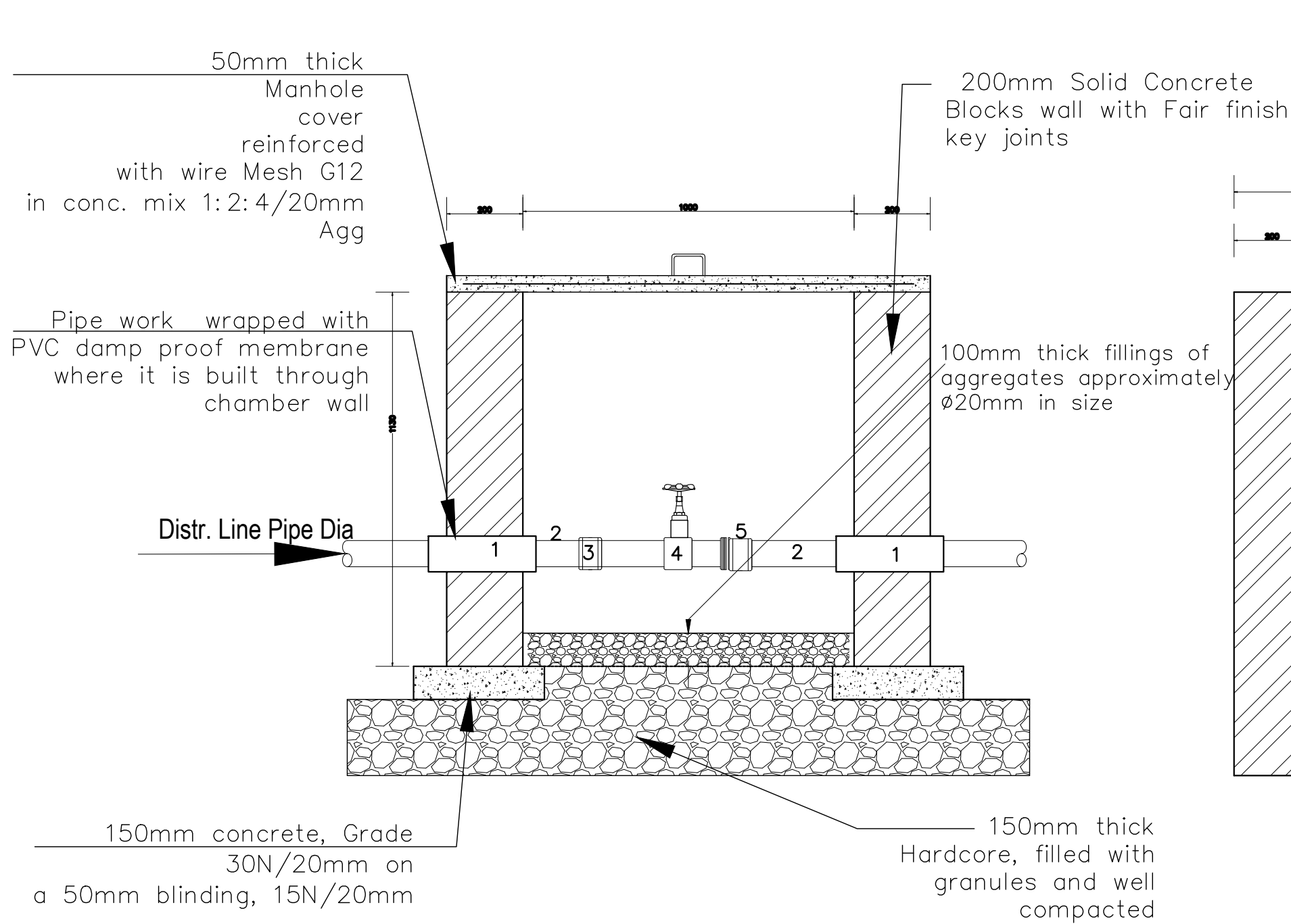


Project:  
**CONSTRUCTION OF BUSOLO POWERED  
PIPED WATER SUPPLY SYSTEMS EXTENSION IN  
BUGIRI DISTRICT**

Drawing Title :

**WASHOUT Details**

Scale: F.T.S	Designed by:	
	Drawn by:	PA
Date: Feb/2025	Checked by: Infrastructure Team	
	Approved:	JSK
ENGINEERING DESIGN		
Drg No: BSWo [- -]01		

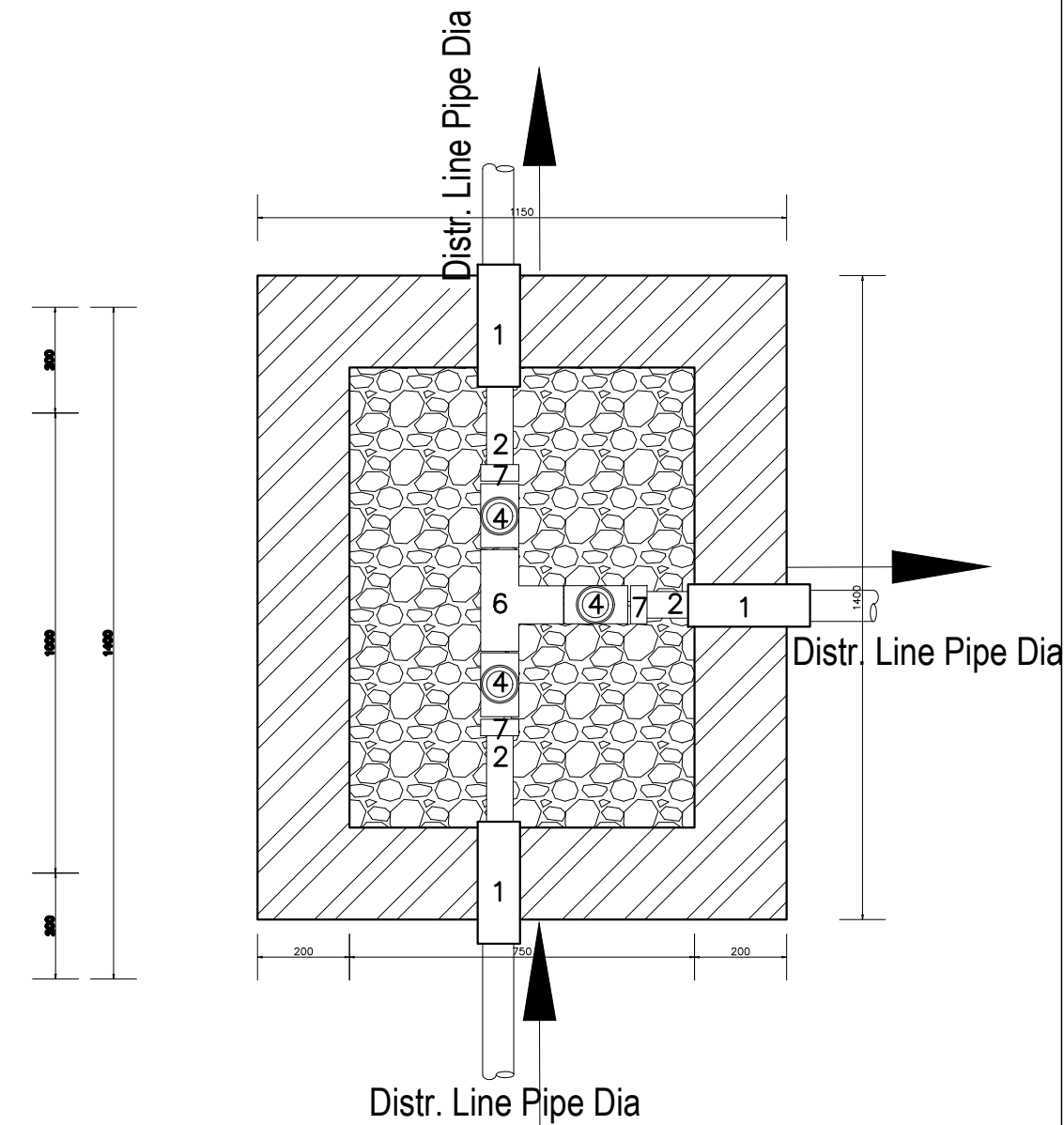
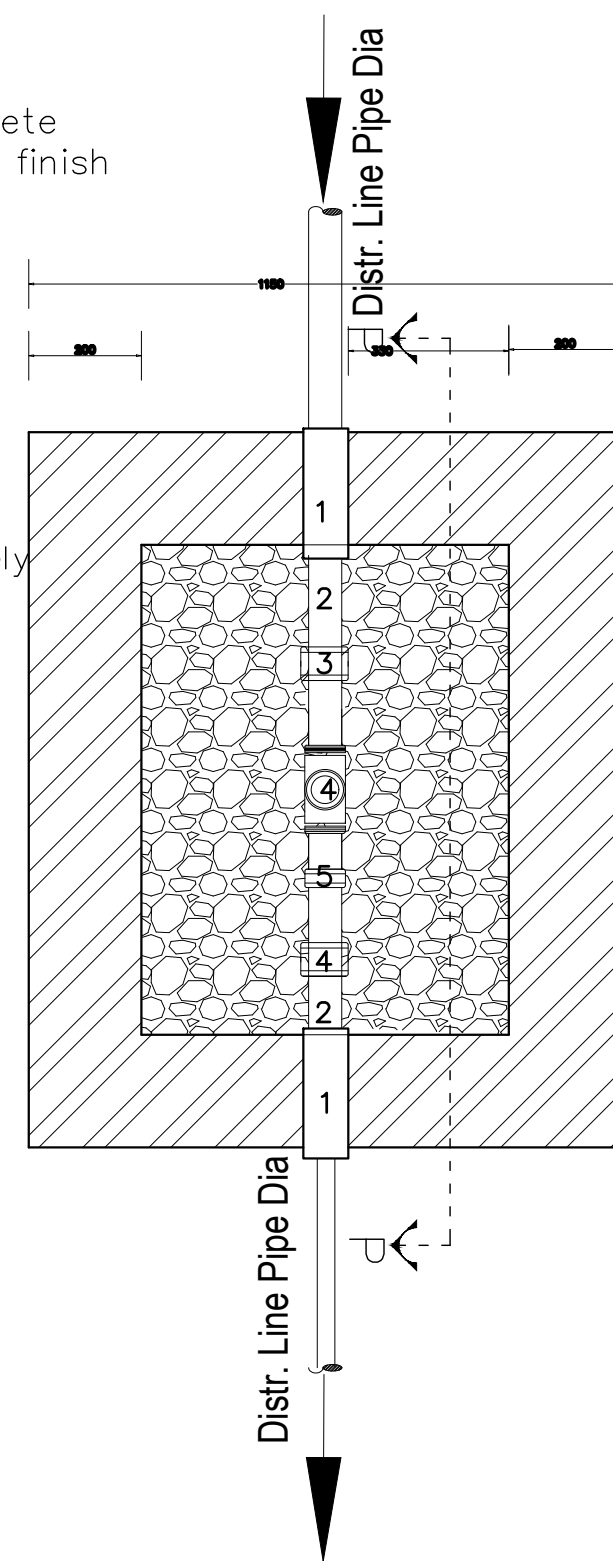


## SECTION THROUGH P-P

MANHOLE DETAILS FOR ISOLATION VALVE ALONG DISTRIBUTION LINE

### LEGEND

- 1—PVC Sleeve OD110mm
- 2—HDPE Pipe (same dia along distribution line)
- 3—Flanged Taper
- 4—Flanged Gate Valve— ND—Same Pipe dia
- 5—Flanged Adaptor OD of same Pipe dia
- 6—Flanged TEE
- 7—Flanged Connection



MANHOLE DETAILS FOR ISOLATION VALVE ALONG AT T-JUNCTION

### AMENDMENTS

No	Date	Revision

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### LEGEND

### FINANCED BY:

Client:



Consultant:

Project:

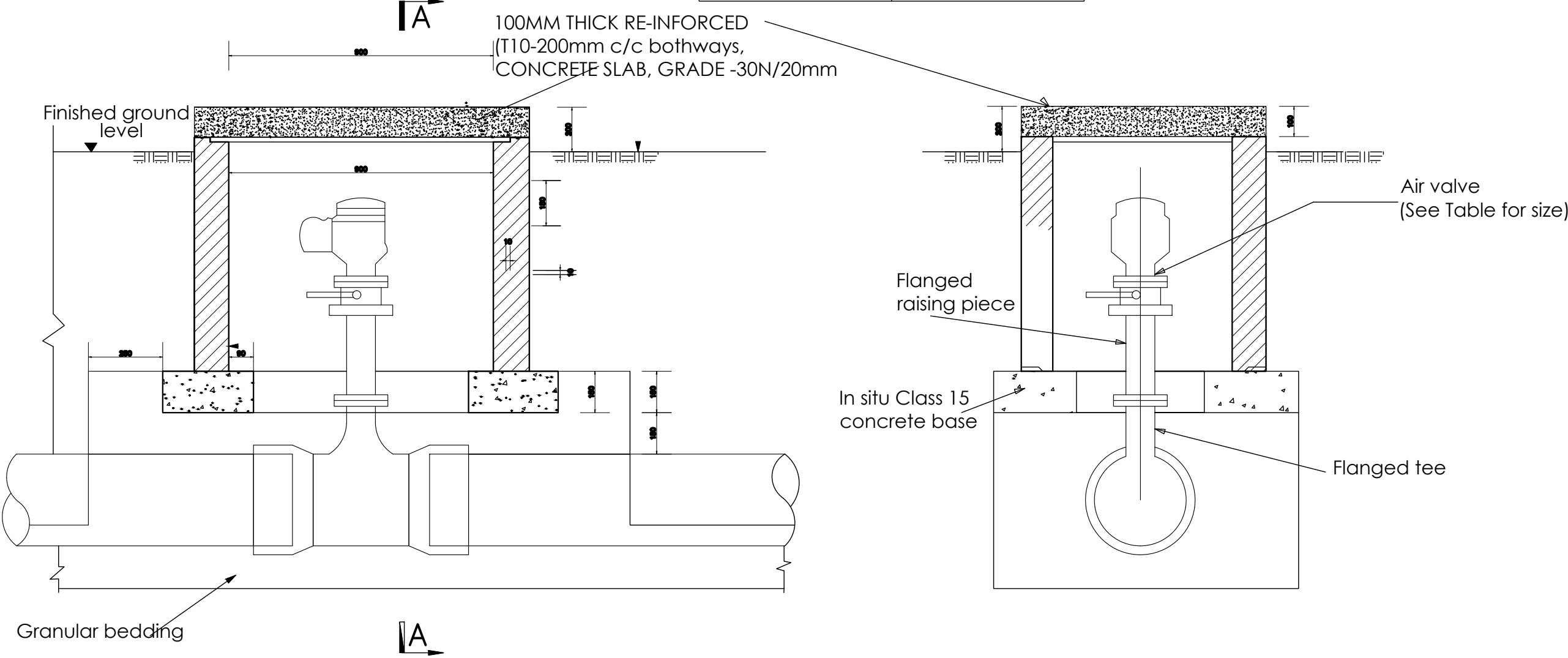
**CONSTRUCTION OF BUSOLO POWERED  
PIPED WATER SUPPLY SYSTEMS EXTENSION IN  
BUGIRI DISTRICT**

Drawing Title :

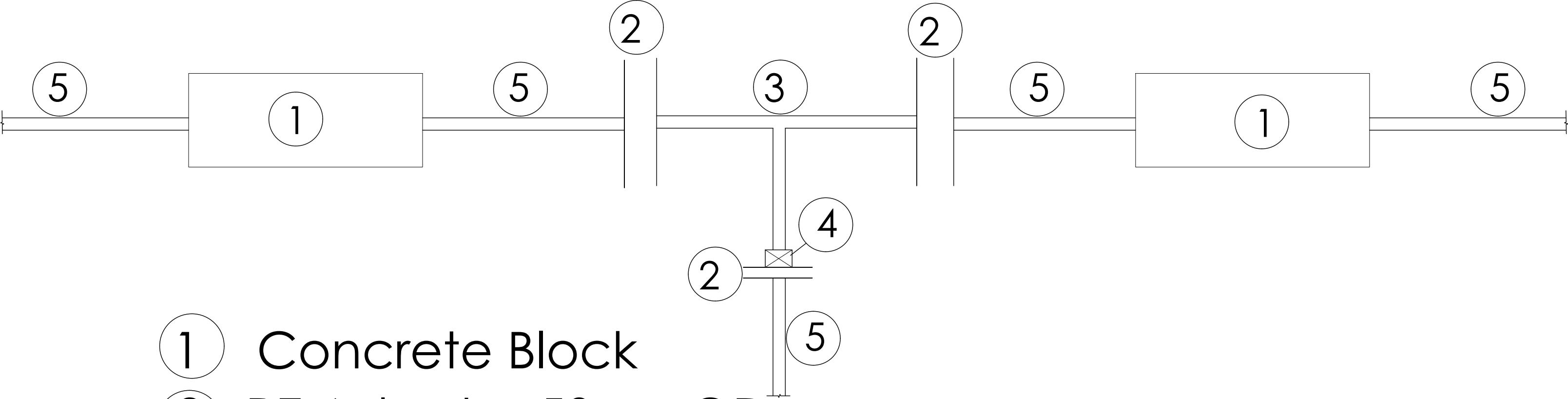
**Isolation Valve details**

Scale: F.T.S	Designed by:	
Date: Feb/2025	Drawn by:	PA
	Checked by:	Infrastructure Team
	Approved:	JSK
ENGINEERING DESIGN		
Drg No:	BSISv [- ]02	

Main dia.	Air valve inlet dia.
100-300	50
350-500	75



## WASH OUT LAYOUT



- 1 Concrete Block
- 2 PE Adapter 50mmOD
- 3 C.I (GMS) Flanged TEE-ND of same Pipe Dia
- 4 Flanged Hand Operated Gate Valve-ND of same Pipe Dia
- 5 PE Pipe-50mm OD

### AMENDMENTS

No	Date	Revision

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### LEGEND

### FINANCED BY:

### Client:



**GOAL-KAMPALA**  
Procurement and Logistics  
Department  
Plot 1 Lubboke close,  
Le Palm Building,  
Muyenga, P.O Box 33140,  
Kampala-Uganda.  
Email:  
procurement@ug.goal

### Consultant:

**CONSTRUCTION OF BUSOLO POWERED  
PIPED WATER SUPPLY SYSTEMS EXTENSION IN  
BUGIRI DISTRICT**

### Project:

### Drawing Title :

**AIR RELEASE VALVE Details**

Scale: F.T.S	Designed by:	
Date: Feb/2025	Drawn by:	PA
	Checked by:	Infrastructure Team
	Approved:	JSK
ENGINEERING DESIGN		
Drg No:	BSArv [- -]03	