

ITEM

1. Distribution main
2. Flange adaptor (Viking Johnson 'maxi' or similar approved)
3. Flanged taper
4. All flanged piece with central thrust flange
5. All Flanged equal tee
6. Flange gate valve
7. Flanged adaptor
8. Flanged spigot valve
9. Water meter
10. Flanged spigot with thrust flange 500mm from flanged end
11. Flanged 90° bend
12. Double flanged pipe.

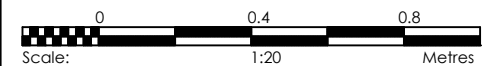
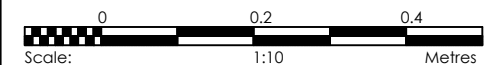
Main Size (mm Diameter)	Flowmeter (mm Diameter)
100	80
150	100
200	150
250	200
300	250
350	300
400	350
450	400
500	450

NOTES

1. All dimensions are in millimetres
2. For details of reinforced concrete chamber see SD 132
3. Length of each item of pipework shall be specified by the Project Manager.
4. See general notes.

NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Figured dimensions are to be taken in preference to scaling
3. Concrete is to be C25.
4. Min cover to reinforcement to be 40mm.
5. Reinforcement:
 - High yield bars to be square twisted cold formed bars to BS 4461
 - Mild steel to be round bars to BS 4449
 - Mesh reinforcement to BS 4483.
6. Min laps Y10 = 500mm
 - Y12 = 600mm
 - Y16 = 800mm
7. Foundations shall be taken down to firm ground and all excavations to be approved first by the Engineer before placing 50mm concrete blinding.
8. All exposed concrete edges shall have 25 x 25 chamfer.



CLEINT;



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

PROJECT

**KAWUMU PRESIDENTIAL MODEL
IRRIGATION SYSTEM AND
FACILITIES**

DRAWING TITLE

FLOW METER PIPEWORK

SURVEYED BY

SCALE

1:10

DRAWN BY

N.D

DATE

MAY 2021

CHECKED BY

DRAWING NO.

APPROVED BY

SD 115