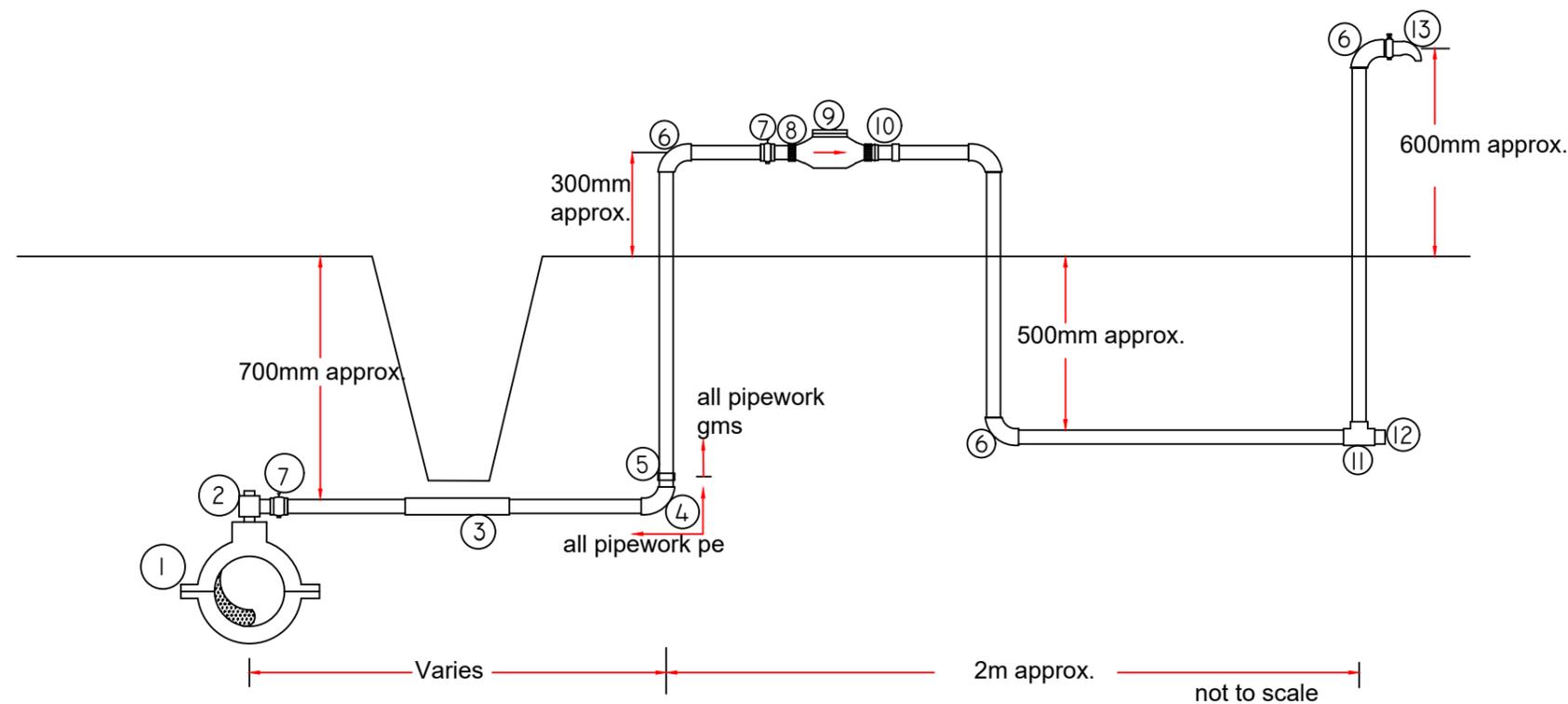
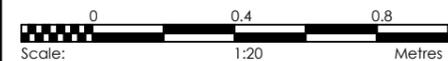


NOTES

- All dimensions are in millimetres unless otherwise stated.
- Figured dimensions are to be taken in preference to scaling
- Concrete is to be C25.
- Min cover to reinforcement to be 40mm.
- 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.
- Min laps Y10 = 500mm
Y12 = 600mm
Y16 = 800mm
- Foundations shall be taken down to firm ground and all excavations to be approved first by the Engineer before placing 50mm concrete blinding.
- All exposed concrete edges shall have 25 x 25 chamfer.



ITEM No.	DESCRIPTION	NO REQUIRED PER CONNECTION	NOTES
1.	PVC Saddle clamp	1	1. GMS pipe ends to be screwed with tapered threads to ISO R7 and to be supplied with sealing PTFE tape.
2.	PE Outlet type swivel ferule	1	
3.	1m Length GMS sleeve	1	
4.	PE Elbow	1	
5.	PE/GMS Adaptor	1	
6.	GMS Elbow	4	2. GMS pipe fittings to be malleable cast iron to BS 143 and BS 1256 with female threaded ends.
7.	Stop Tap	2	
8.	Male threaded connector	1	3. The adjusting coupling shall be made of bronze or brass with a threaded female connection at the outlet end. It shall incorporate sufficient adjustment to permit removal at the meter.
9.	Water meter	1	
10.	Adjusting Coupling	1	
11.	GMS equal tee	1	4. All PE connections shall be of the push fit type.
12.	Plug	1	
13.	Tap	1	
			5. Diameter of the pipe varies.

CLEINT;



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

PROJECT

**KAWUMU PRESIDENTIAL MODEL
IRRIGATION SYSTEM AND
FACILITIES**

DRAWING TITLE

METERED SERVICE CONNECTION

SURVEYED BY	SCALE	NTS
DRAWN BY	DATE	MAY 2021
CHECKED BY	DRAWING NO.	SD 116
APPROVED BY		