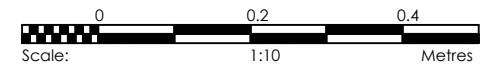


NOTES

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

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	2. GMS pipe fittings to be malleable cast iron to BS 143 and BS 1256 with female threaded ends.
5.	PE/GMS Adaptor	1	
6.	GMS Elbow	4	
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	
12.	Plug	1	4. All PE connections shall be of the push fit type.
13.	Tap	1	5. Diameter of the pipe varies.

PROJECT

**KAWUMU PRESIDENTIAL MODEL
IRRIGATION SYSTEM AND
FACILITIES**

DRAWING TITLE

METERED SERVICE CONNECTION

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