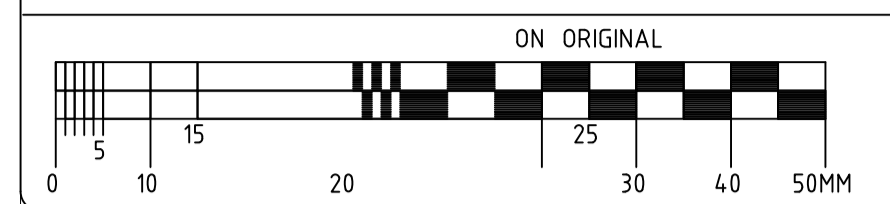


ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

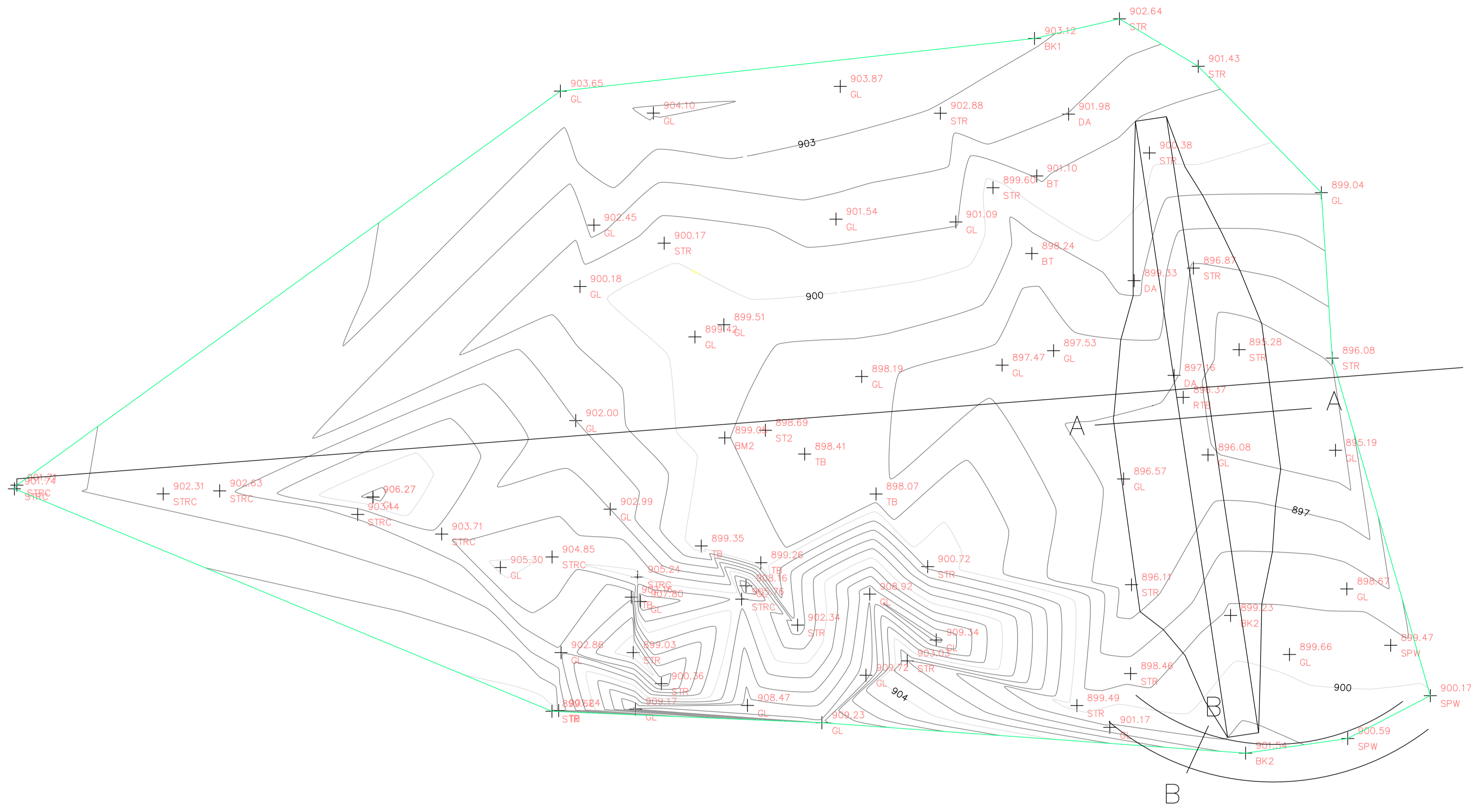
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GENERAL NOTES:

- DAM DATA
- Catchment area - 7 Km²
 - Annual rainfall - 600mm av.
 - Dam storage volume - 11,000 m³
 - Volume of excavation - 8,260 m³
 - Spill way
 - Length - 55 m
 - Width - 6.00 m.
 - Type - Trapezoidal.
 - Gross free Board - 1.50 m
 - Embankment length - 100 m
 - Upstream slope - 2:5
 - Down stream slope 1:2
 - Normal water level - 899.50
 - Top embankment crest level - 901 m.
 - Dam deepest point - 924 m.



No	DATE	DETAILS REVISIONS	Chd	Appd

CLIENT
THE GOVERNMENT OF MAKUENI COUNTY
DEPARTMENT OF WATER AND SANITATION

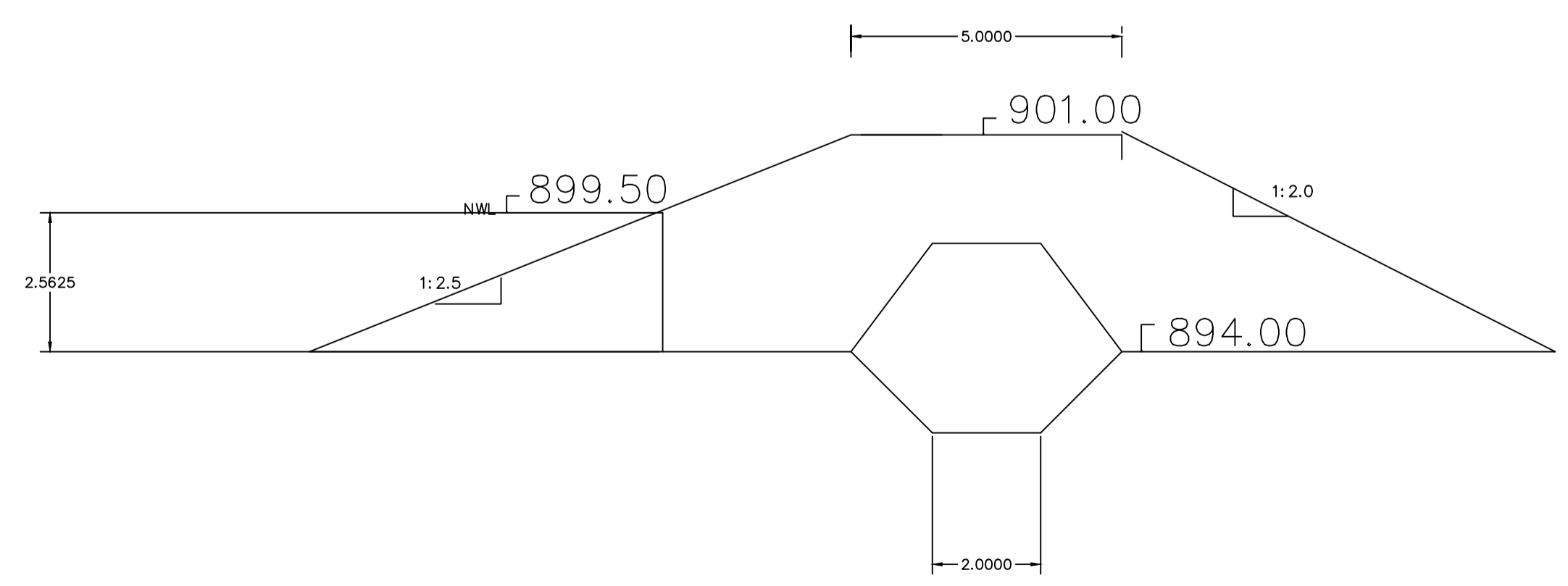
Consultant Signature
Drawn _____ Checked KISWII A. M. Designed DMM

Project
MITUNDU EARTH DAM

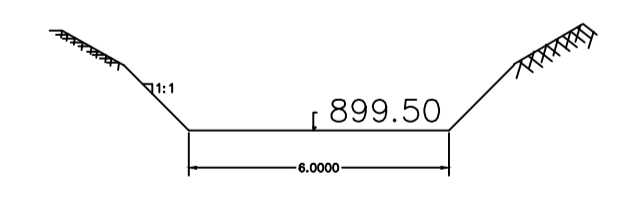
Description
EARTH DAM

Scale **1:40_A1** Date Sept 2020

Project No / Drg. No **L02(R1)**



X - SECTION A - A



X - SECTION B - B