



- Notes:
- Weir Constructed of Reinforced Concrete G₂₅
 - Weir to be bedded on firm rock throughout.
 - key to be cut into foundation material as shown
 - Pipe positioned as shown with the gravel filter.
scrap iron lugs should be wedged on to fix pipe in wall.
 - Weir height not to exceed 5.0 m
 - Weir length not to exceed 50m without buttressing
 - Suitable downstream protection to be placed after construction
 - Take additional advice for wiers over 3.0m tall or 30m long
 - Keep crest width Constant based on Max Height

CLIENT:	CHIEF EXECUTIVE OFFICER TANA WATER WORKS DEVELOPMENT AGENCY P.O BOX 1292 - 10100, NYERI, KENYA
ENGINEER:	CHIEF MANAGER TECHNICAL SERVICES TANA WATER WORKS DEVELOPMENT AGENCY P.O BOX 1292 - 10100, NYERI, KENYA
PROJECT TITLE:	PRELIMINARY DESIGN OF KANITHA DAM
DRAWING TITLE:	DAM EMBANKMENT AND SECTIONS
Designed by:	A.M.M
Drawn by:	A.M.M
Checked by:	J.M.M
Approved by:	D.N.M
Scale:	1:100
Date:	MARCH 2024
DRG No.	KNT/WEIR/01