





CONCRETE PROTECTION TO HDPE PIPES LAID AT DEPTHS GREATER THAN 3.0m

HDPE MAIN TRENCH DETAILS

NOTES

- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
- 2. ALL PIPES TO BE LAID WITH A MINIMUM COVER OF 0.6M AND MINIMUM SLOPE OF
- 3. THE MINIMUM TRENCH WIDTH TO BE 600mm.
- 4. TRENCH SIDE SLOPE TO BE AT CONTRACTORS DISCRETION DEPENDING ON STABILITY OF EXCAVATED SURFACES AND ENSURING SAFETY OF LABOUR AT WORK. HOWEVER SITE QUANTITIES TO BE MEASURED BASED ON NOMINAL TRENCH
- 5. GRANULAR MATERIAL TO BE APPROVED BY THE ENGINEER AND SHALL NOT HAVE ANY GRAINS OF SIZE GREATER THAN 10mm AND FINES LESS THAN 0.05mm
- 6. FOR PURPOSES OF TRENCH BACKFILLING ALL EXCAVATED TRENCHES WITH CORAL MATERIAL AT THE BED SHALL BE CONSIDERED AS ROCK

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MATHIRA WATER AND SANITATION COMPANY LTD P.O BOX 1981 - 10101 KARATINA, NYERI

PROJECT:

IMPROVEMENT OF WATER SUPPLY TO KIRIMUKUYU WARD MATHIRA WEST SUB -CONTY

KIAMUCHERU_MUBERETHI RAW WATER GRAVITY MAINLINE

Designed by:	Drawn by:
Checked by:	Approved by:

TYPICAL PIPE TRENCH AND BACKFILL DETAILS

Scale		AS SHOWN		Date: OCTOBER 2023	
Job No.				CAD FILE No.	
T STATUS	DRAWING No. MAWAS			CO/KM/01	REV