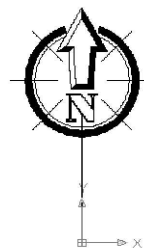


LEGEND

EXISTING ROADS	
AIR-STRIP	
BUILDINGS	
EXISTING PIPELINE	
PROPOSED PIPELINE	
LAGAS/RIVERS	
FENCE/COMPOUNDS	

BORE-HOLE TO BOOSTER STATION RISING MAIN Profile

	460	STATIC LEVEL @ 458.01 M A. S. L																				458					
	459	HGL @ - 0.37 %																				457					
	458	O.G.L																				456					
	457	INVERTS LEVELS																				455					
	456																					454					
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	427																					425					
	426																					424					
STATIC HEAD LEVELS (m)	277.75	277.77	277.80	277.83	277.87	277.90	277.93	277.96	277.99	278.02	278.05	278.09	278.12	278.15	278.18	278.21	278.24	278.28	278.31	278.34	278.37	278.40	278.43	278.47	278.50	278.51	
HYDRAULIC GRADE LEVELS (m)	277.75	277.77	277.80	277.83	277.87	277.90	277.93	277.96	277.99	278.02	278.05	278.09	278.12	278.15	278.18	278.21	278.24	278.28	278.31	278.34	278.37	278.40	278.43	278.47	278.50	278.51	
STATION	11+086	11+100	11+120	11+140	11+160	11+180	11+200	11+220	11+240	11+260	11+280	11+300	11+320	11+340	11+360	11+380	11+400	11+420	11+440	11+460	11+480	11+500	11+520	11+540	11+560	11+568	
EXISTING GROUND LEVEL (m)	277.75	277.77	277.80	277.83	277.87	277.90	277.93	277.96	277.99	278.02	278.05	278.09	278.12	278.15	278.18	278.21	278.24	278.28	278.31	278.34	278.37	278.40	278.43	278.47	278.50	278.51	
EXCAVATED LEVELS	277.75	277.77	277.80	277.83	277.87	277.90	277.93	277.96	277.99	278.02	278.05	278.09	278.12	278.15	278.18	278.21	278.24	278.28	278.31	278.34	278.37	278.40	278.43	278.47	278.50	278.51	
SOIL TYPE	Clay/Sands soils																										
FLOW	Q=15 M3/HR , V=0.7 m/s																										
Pipe Data	110 mm Dia HDPE PN 16 Pipe																										



SCALE

HORIZONTAL SCALE-1:2,000

VERTICAL SCALE-----1:100

NOTES

- All dimensions are in mm unless otherwise specified
- All dimensions to be read off and not scaled.
- Any discrepancies with dimensions to be notified to the Engineer before commencement of work.
- All water pipes are all uPVC except where it crosses the laga GI is used

NOTES

- A nominal minimum cover for all pipes shall be 0.6m
- Marker posts shall be provided along pipelines at every 200m, except where they follow permanent roads

	CLIENT REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY		ENGINEER REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	DESIGNED BY: J.MUE	PROJECT TITLE PROPOSED AUGMENTATION OF MERT - KORBESA WATER & SANITATION PROJECT IN ISIOLO NORTH CONSITUENCY -ISIOLO COUNTY	SCALE: AS SHOWN
				SURVEYED BY: G. N.N		DATE : JUNE . 2020
				CHECKED BY: M.Y HUSSEIN		SHEET 024
				APPROVED BY: ENG. D.NDERI	DRG. TITLE: BOR-HOLE -BOOSTER RISING MAIN LINE	Drg. No. SN/M -002/024 Sheet Size. A3