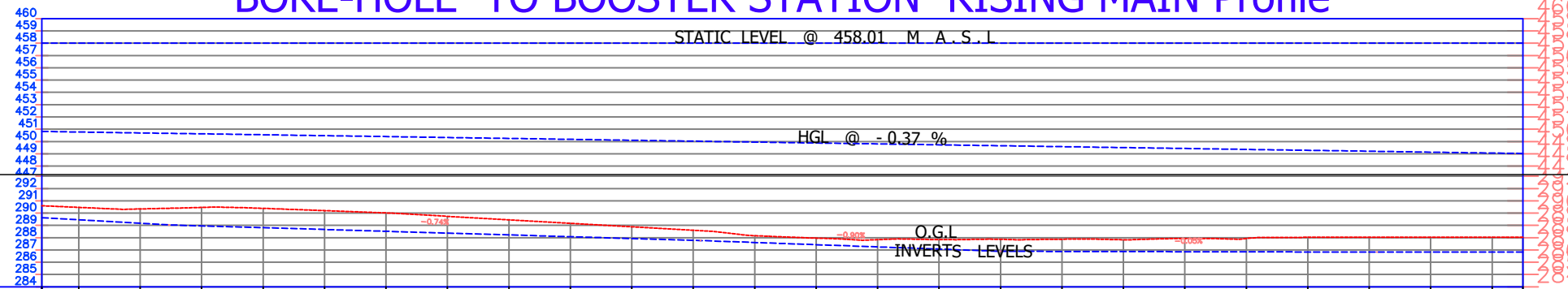


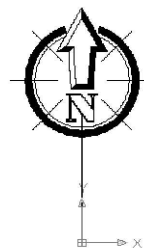
LEGEND

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

BORE-HOLE TO BOOSTER STATION RISING MAIN Profile



STATION	1+928	1+940	1+960	1+980	2+000	2+020	2+040	2+060	2+080	2+100	2+120	2+140	2+160	2+180	2+200	2+220	2+240	2+260	2+280	2+300	2+320	2+340	2+360	2+380	2+400	2+410		
STATIC HEAD LEVELS (m)	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01	458.01		
HYDRAULIC GRADE LEVELS (m)	450.82	450.77	450.70	450.63	450.55	450.48	450.40	450.33	450.25	450.18	450.10	450.03	449.95	449.88	449.81	449.73	449.66	449.58	449.51	449.43	449.36	449.28	449.21	449.14	449.06	449.02		
EXISTING GROUND LEVEL (m)	290.60	290.46	290.34	290.46	290.38	290.20	290.01	289.73	289.45	289.17	288.88	288.60	288.32	288.04	287.76	287.48	287.20	286.92	286.64	286.36	286.08	285.80	285.52	285.24	284.96	284.68		
EXCAVATED LEVELS	289.62	289.45	289.17	288.96	288.81	288.66	288.52	288.37	288.22	288.08	287.93	287.78	287.61	287.43	287.25	287.07	286.89	286.68	286.47	286.26	286.04	285.82	285.60	285.38	285.16	284.94		
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

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

NOTES

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

<p>REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY</p>	<p>REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY</p>	DESIGNED BY:	J.MUE	PROJECT TITLE	SCALE:	AS SHOWN	
		SURVEYED BY:	G. N.N		PROPOSED AUGMENTATION OF MERT - KORBESA WATER & SANITATION PROJECT IN ISIOLO NORTH CONSITUENCY -ISIOLO COUNTY	DATE :	JUNE . 2020
		CHECKED BY:	M.Y HUSSEIN			DRg. No.	SHEET 005
APPROVED BY:	ENG. D.NDERI	DRG. TITLE: BOR-HOLE -BOOSTER RISING MAIN LINE	SN/M -002/05	Sheet Size.	A3		