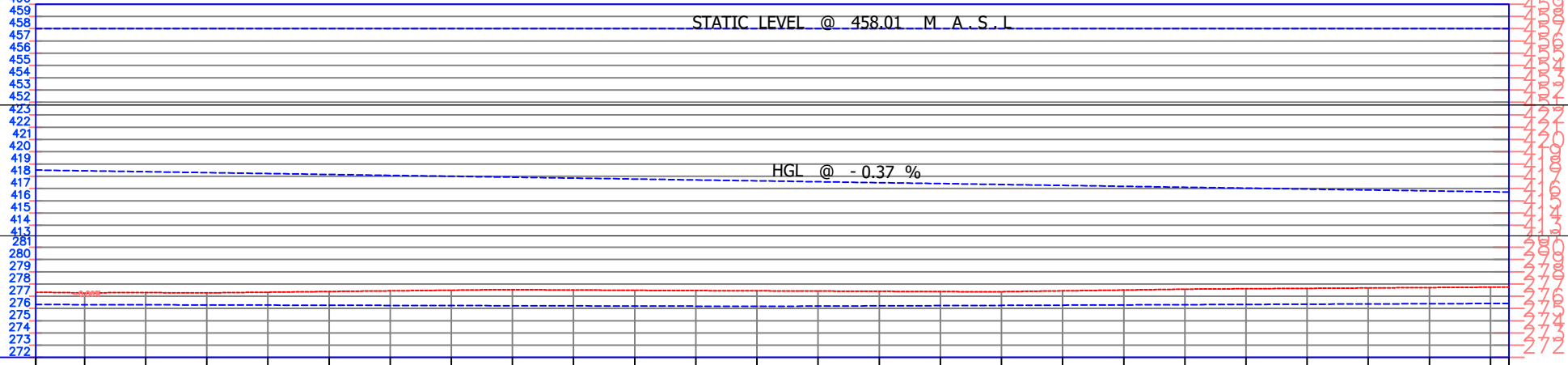
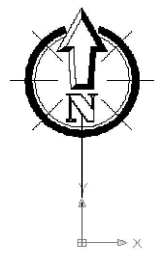


BORE-HOLE TO BOOSTER STATION RISING MAIN Profile



STATIC HEAD LEVELS (m)	277.52	277.26	277.30	277.28	277.53	277.58	277.44	277.49	277.53	277.51	277.48	277.46	277.44	277.42	277.40	277.58	277.57	277.44	277.51	277.57	277.51	277.64	277.68	277.71	277.74	277.75		
HYDRAULIC GRADE LEVELS (m)	277.32	277.26	277.30	277.28	277.33	277.38	277.44	277.49	277.53	277.51	277.48	277.46	277.44	277.42	277.40	277.38	277.37	277.44	277.51	277.57	277.61	277.64	277.68	277.71	277.74	277.75		
STATION	10+604	10+620	10+640	10+660	10+680	10+700	10+720	10+740	10+760	10+780	10+800	10+820	10+840	10+860	10+880	10+900	10+920	10+940	10+960	10+980	11+000	11+020	11+040	11+060	11+080			
EXISTING GROUND LEVEL (m)	277.32	277.26	277.30	277.28	277.33	277.38	277.44	277.49	277.53	277.51	277.48	277.46	277.44	277.42	277.40	277.38	277.37	277.44	277.51	277.57	277.61	277.64	277.68	277.71	277.74	277.75		
EXCAVATED LEVELS	277.32	277.26	277.30	277.28	277.33	277.38	277.44	277.49	277.53	277.51	277.48	277.46	277.44	277.42	277.40	277.38	277.37	277.44	277.51	277.57	277.61	277.64	277.68	277.71	277.74	277.75		
SOIL TYPE	Clay/Sands soils																											
FLOW	Q=15 M3/HR , V=0.7 m/s																											
Pipe Data	110 mm Dia HDPE PN 16 Pipe																											

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



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

 CLIENT REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	 ENGINEER REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	DESIGNED BY: J.MUE	SURVEYED BY: G. N.N	PROJECT TITLE PROPOSED AUGMENTATION OF MERT - KORBESA WATER & SANITATION PROJECT IN ISIOLO NORTH CONSITUENCY -ISIOLO COUNTY	SCALE: AS SHOWN
		CHECKED BY: M.Y.HUSSEIN	APPROVED BY: ENG. D.NDERI	DRG. TITLE: BOR-HOLE -BOOSTER RISING MAIN LINE	DATE : JUNE . 2020
					Drg. No. SN/M -002/023
					SHEET 023 Sheet Size. A3