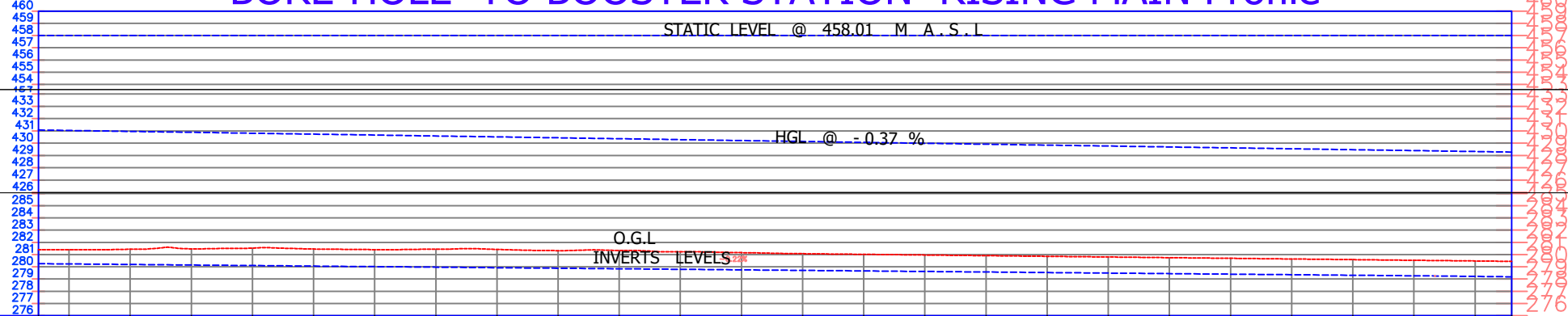


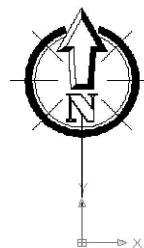
### BORE-HOLE TO BOOSTER STATION RISING MAIN Profile



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)	431.07	431.03	430.96	430.88	430.81	430.74	430.66	430.59	430.51	430.44	430.36	430.29	430.21	430.14	430.07	429.99	429.92	429.84	429.77	429.69	429.62	429.54	429.47	429.39	429.32	429.28		
STATION	7+230	7+240	7+260	7+280	7+300	7+320	7+340	7+360	7+380	7+400	7+420	7+440	7+460	7+480	7+500	7+520	7+540	7+560	7+580	7+600	7+620	7+640	7+660	7+680	7+700	7+712		
EXISTING GROUND LEVEL (m)	281.39	281.40	281.44	281.47	281.53	281.46	281.41	281.44	281.42	281.32	281.33	281.23	281.16	281.07	281.02	280.96	280.91	280.86	280.80	280.75	280.69	280.64	280.59	280.53	280.48	280.44		
EXCAVATED LEVELS	280.26	280.23	280.19	280.15	280.10	280.06	280.01	279.97	279.93	279.88	279.84	279.79	279.75	279.71	279.66	279.62	279.57	279.53	279.48	279.44	279.40	279.35	279.31	279.27	279.21	279.18		
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

 REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	 REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	DESIGNED BY: <b>J.MUE</b>	PROJECT TITLE	SCALE: <b>AS SHOWN</b>
		SURVEYED BY: <b>G. N.N</b>	PROPOSED AUGMENTATION OF MERT - KORBESA WATER & SANITATION PROJECT IN ISIOLO NORTH CONSITUENCY -ISIOLO COUNTY	DATE: <b>JUNE .2020</b>
		CHECKED BY: <b>M.Y HUSSEIN</b>		DRG. TITLE: <b>BOR-HOLE -BOOSTER RISING MAIN LINE</b>
APPROVED BY: <b>ENG. D.NDERI</b>				