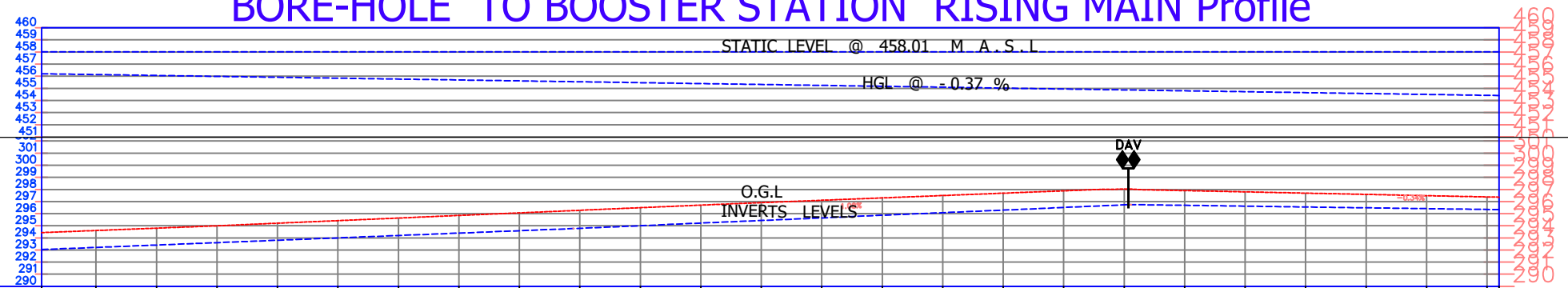
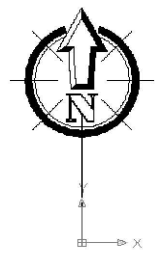


BORE-HOLE TO BOOSTER STATION RISING MAIN Profile



STATION	0+482	0+500	0+520	0+540	0+560	0+580	0+600	0+620	0+640	0+660	0+680	0+700	0+720	0+740	0+760	0+780	0+800	0+820	0+840	0+860	0+880	0+900	0+920	0+940	0+960	0+984		
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)	456.20	456.14	456.08	455.99	455.91	455.84	455.77	455.69	455.62	455.54	455.47	455.39	455.32	455.24	455.17	455.09	455.02	454.95	454.87	454.80	454.72	454.65	454.57	454.50	454.42	454.41		
EXISTING GROUND LEVEL (m)	294.43	294.61	294.80	295.00	295.21	295.42	295.64	295.85	296.06	296.28	296.49	296.71	296.91	297.11	297.30	297.50	297.69	297.89	298.03	297.91	297.80	297.70	297.59	297.49	297.38	297.36		
EXCAVATED LEVELS	283.03	293.21	293.41	293.60	293.80	294.00	294.20	294.39	294.59	294.79	295.01	295.22	295.44	295.65	295.87	296.08	296.30	296.51	296.73	296.69	296.62	296.55	296.48	296.42	296.35	296.33		
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	ENGINEER	DESIGNED BY:	J.MUE	PROJECT TITLE	SCALE:	AS SHOWN
 REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	 REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	SURVEYED BY:	G. N.N	PROPOSED AUGMENTATION OF MERT - KORBESA WATER & SANITATION PROJECT IN ISILOLO NORTH CONSTITUENCY -ISILOLO COUNTY	DATE :	JUNE . 2020
		CHECKED BY:	M.Y HUSSEIN		Drg. No.	SHEET 002
		APPROVED BY:	ENG. D.NDERI		SN/M -002/2	Sheet Size. A3