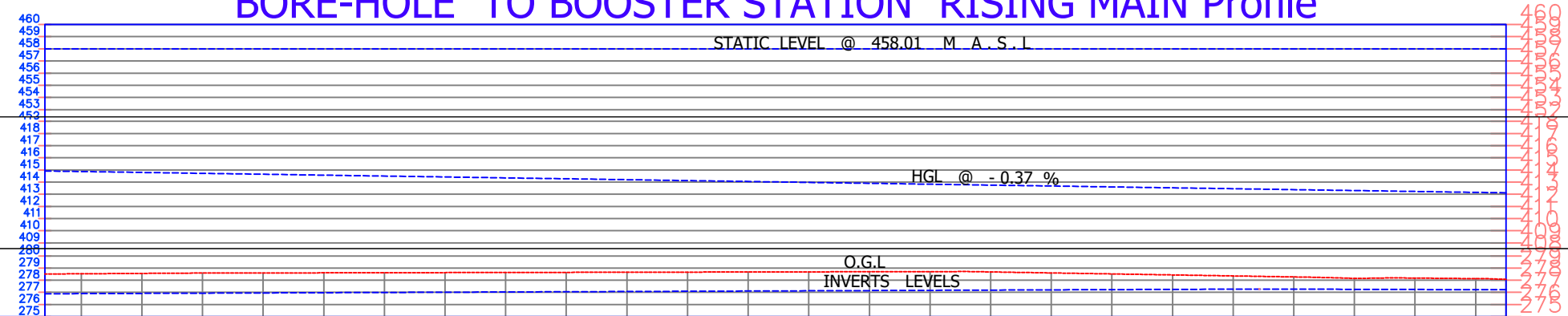


LEGEND

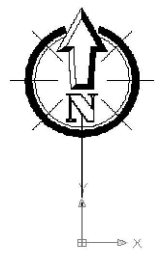
EXISTING ROADS	
AIR-STRIP	
BUILDINGS	
EXISTING PIPELINE	
PROPOSED PIPELINE	
LAGAS/RIVERS	
FENCE/COMPOUNDS	

BORE-HOLE TO BOOSTER STATION RISING MAIN Profile



STATION	STATIC HEAD LEVELS (m)	HYDRAULIC GRADE LEVELS (m)	EXISTING GROUND LEVEL (m)	EXCAVATED LEVELS
11+560	458.01	414.91	276.88	276.88
11+580	458.01	414.87	276.89	276.89
11+600	458.01	414.79	276.91	276.91
11+620	458.01	414.72	276.93	276.93
11+640	458.01	414.65	276.95	276.95
11+660	458.01	414.57	276.97	276.97
11+680	458.01	414.50	276.99	276.99
11+700	458.01	414.42	277.01	277.01
11+720	458.01	414.35	277.03	277.03
11+740	458.01	414.27	277.05	277.05
11+760	458.01	414.20	277.07	277.07
11+780	458.01	414.12	277.09	277.09
11+800	458.01	414.05	277.11	277.11
11+820	458.01	413.97	277.12	277.12
11+840	458.01	413.90	277.14	277.14
11+860	458.01	413.83	277.16	277.16
11+880	458.01	413.75	277.18	277.18
11+900	458.01	413.68	277.20	277.20
11+920	458.01	413.60	277.22	277.22
11+940	458.01	413.53	277.24	277.24
11+960	458.01	413.45	277.26	277.26
11+980	458.01	413.38	277.28	277.28
12+000	458.01	413.30	277.29	277.29
12+020	458.01	413.23	277.31	277.31
12+040	458.01	413.16	277.33	277.33
12+050	458.01	413.12	277.35	277.35

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 DRG. TITLE: BOR-HOLE -BOOSTER RISING MAIN LINE	SCALE: AS SHOWN
				SURVEYED BY: G. N.N		DATE : JUNE . 2020
				CHECKED BY: M.Y HUSSEIN		SHEET 025
				APPROVED BY: ENG. D.NDERI		Sheet Size. A3