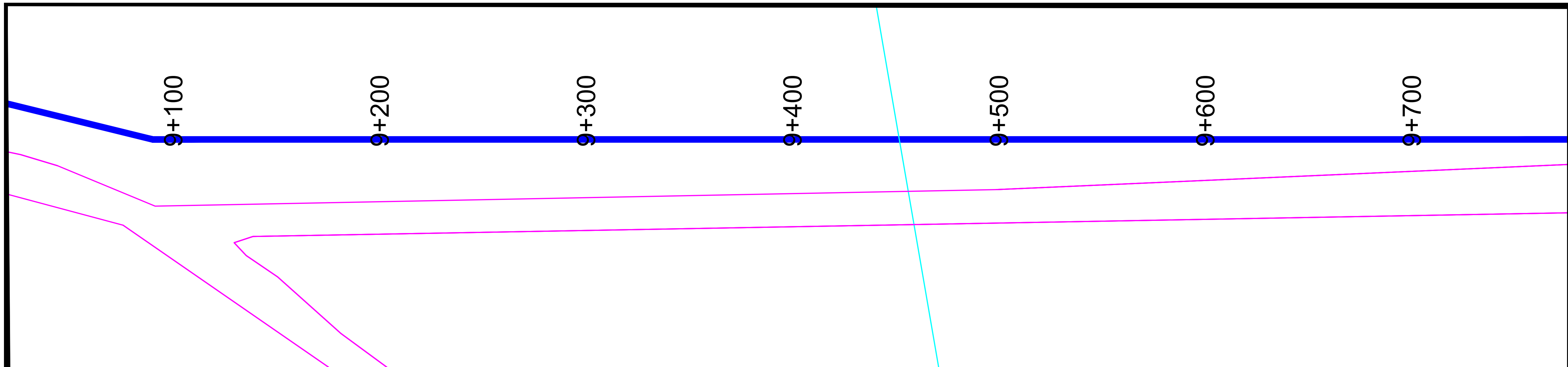
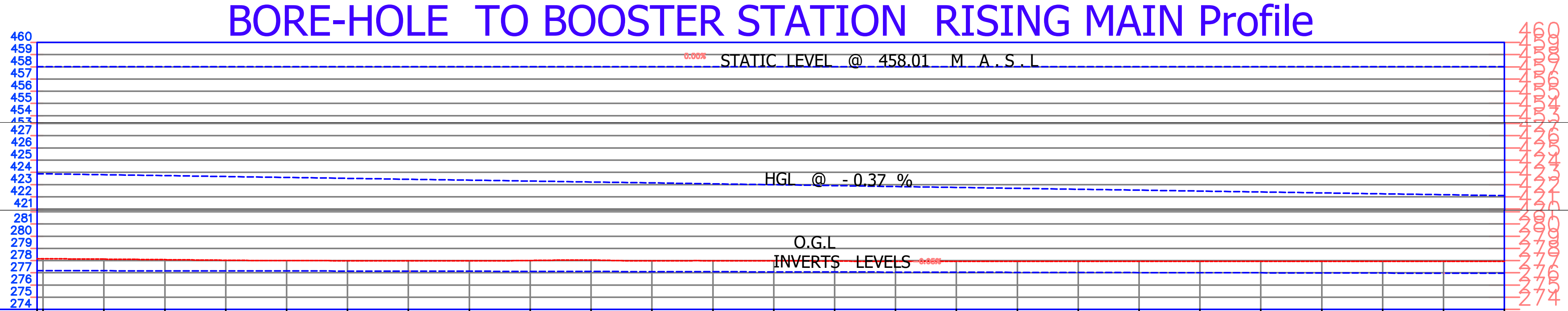


BORE-HOLE TO BOOSTER STATION RISING MAIN Profile



STATION	STATIC HEAD LEVELS (m)	HYDRAULIC GRADE LEVELS (m)	EXISTING GROUND LEVEL (m)	EXCAVATED LEVELS
9+150	458.01	423.89	278.16	277.18
9+160	458.01	423.88	278.15	277.18
9+180	458.01	423.81	278.12	277.17
9+200	458.01	423.73	278.08	277.16
9+220	458.01	423.66	278.03	277.16
9+240	458.01	423.58	278.00	277.15
9+260	458.01	423.51	277.99	277.15
9+280	458.01	423.44	277.99	277.14
9+300	458.01	423.36	277.98	277.13
9+320	458.01	423.29	278.01	277.12
9+340	458.01	423.21	278.04	277.11
9+360	458.01	423.14	277.99	277.10
9+380	458.01	423.06	277.99	277.09
9+400	458.01	422.99	277.98	277.08
9+420	458.01	422.91	277.96	277.07
9+440	458.01	422.84	277.94	277.06
9+460	458.01	422.76	277.94	277.05
9+480	458.01	422.69	277.94	277.04
9+500	458.01	422.62	277.94	277.03
9+520	458.01	422.54	277.94	277.02
9+540	458.01	422.47	277.94	277.01
9+560	458.01	422.39	277.94	277.00
9+580	458.01	422.32	277.94	276.99
9+600	458.01	422.24	277.94	276.98
9+620	458.01	422.17	277.94	276.97
9+640	458.01	422.09	277.94	276.96

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					
REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	REPUBLIC OF KENYA NORTHERN WATER WORKS DEVELOPMENT AGENCY	DESIGNED BY: J.MUE SURVEYED BY: G. N.N CHECKED BY: M.Y HUSSEIN APPROVED BY: ENG. D.NDERI	PROJECT TITTLE PROPOSED AUGMENTATION OF MERT - KORBESA WATER & SANITATION PROJECT IN ISIOLO NORTH CONSITITUENCY -ISIOLO COUNTY	SCALE: AS SHOWN DATE : JUNE . 2020	Drg. No. SN/M -002/020	SHEET 020 Sheet Size. A3

DRG. TITLE: BOR-HOLE -BOOSTER RISING MAIN LINE