

Chainage	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400	0+420	0+425
Existing Levels	1537.976	1538.336	1538.693	1539.051	1539.409	1539.767	1540.124	1540.482	1540.840	1541.198	1541.555	1541.913	1542.271	1542.628	1542.986	1543.344	1543.702	1544.059	1544.417	1544.775	1545.132	1545.490	1545.848
Cut/Fill Depth		1.018	0.968	3.301	3.904	3.821	2.068	-0.992	-0.263	-0.991	-0.966	-1.744	-2.632	-1.590	-2.663	-3.529	-2.583	-2.678	-3.460	-3.793	-3.276	-2.768	
ManHole ID	MH13	MH12	MH11	MH10	MH9	MH8	MH7	MH6	MH5	MH4	MH3	MH2	MH1	MH14									
Pipe Dia.	300mm PVC L=24.1m	300mm PVC L=23.8m	300mm PVC L=28.5m	300mm PVC L=27.4m	300mm PVC L=29.7m	300mm PVC L=42.1m	300mm PVC L=43.8m	300mm PVC L=36.2m	300mm PVC L=43.8m	300mm PVC L=43.8m	300mm PVC L=43.8m	300mm PVC L=24.2m	300mm PVC L=51.4m										
Cover and Invert	DSI 1537.98	DSI 1538.43	DSI 1538.43	DSI 1538.88	DSI 1539.13	DSI 1539.48	DSI 1539.826	DSI 1539.77	DSI 1541.10	DSI 1541.10	DSI 1541.90	DSI 1541.90	DSI 1542.57	DSI 1542.57	DSI 1543.37	DSI 1543.37	DSI 1544.18	DSI 1544.18	DSI 1544.63	DSI 1544.63	DSI 1545.58	DSI 1545.58	DSI 1545.58

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PROPOSED LUKENYA AREA SEWER LINE PROJECT

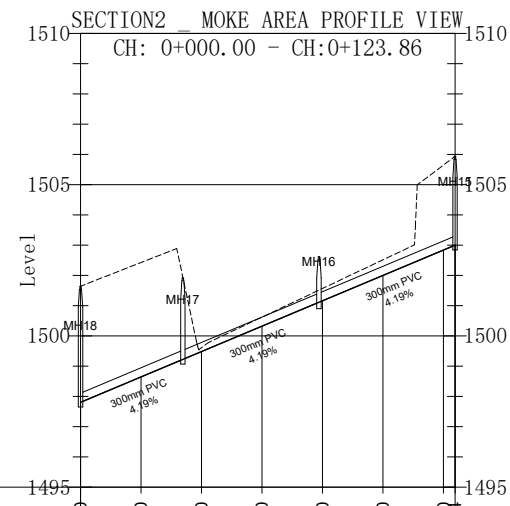
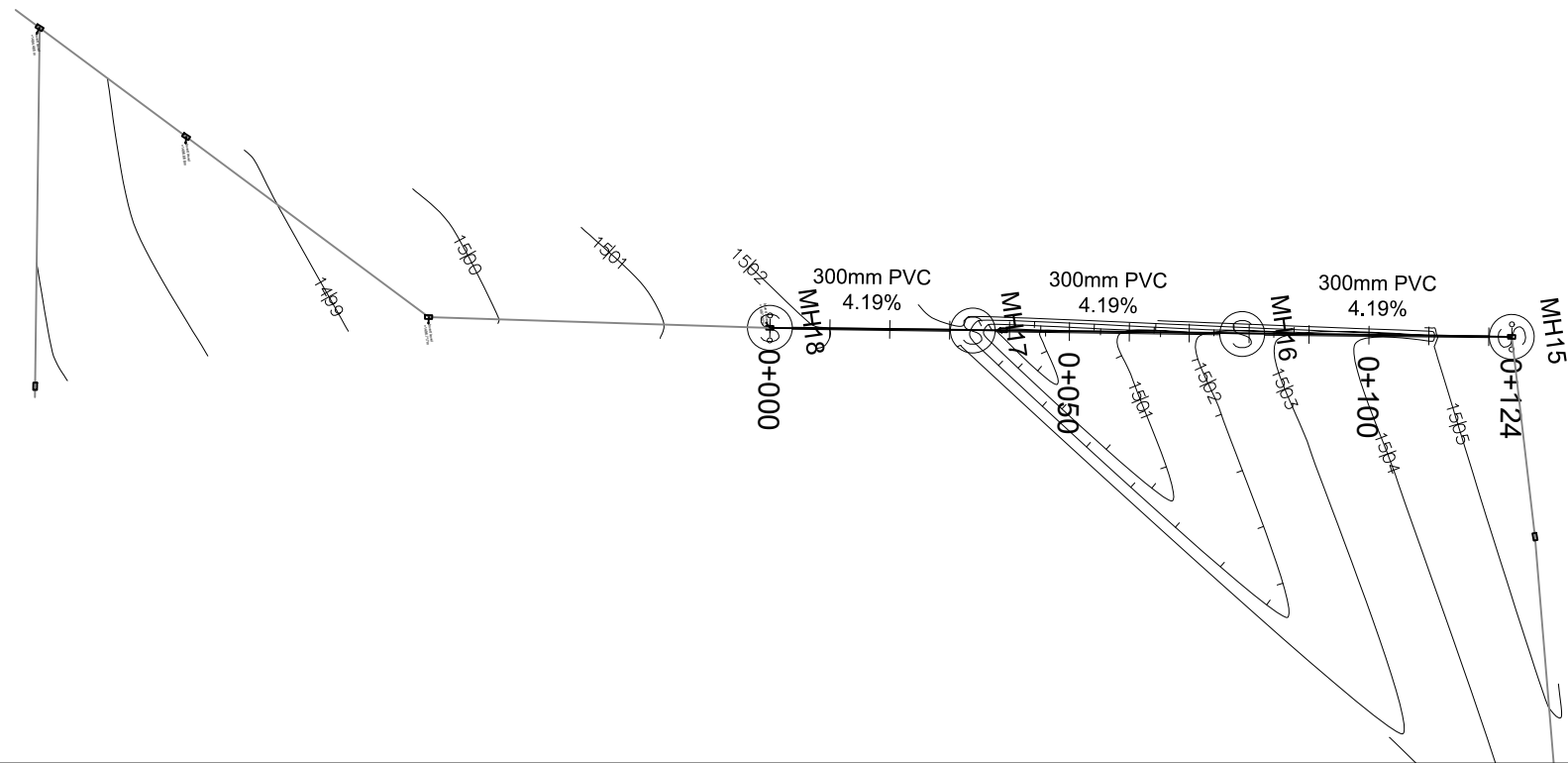
- NOTES**
- All dimensions to be read off and not scaled.
 - Sewer Manholes shall be 1.2m diameter Precast concrete Rings comply with B.S. 5911. a distance interval n.e. 45m and at every junction, change of pipe size, change of gradient and change of direction
 - A nominal minimum cover for all pipes shall be 0.6m
 - Any discrepancies with dimensions to be notified to the Engineer before commencement of work.
 - All sewers are Heavy Duty PVC Class41 to KS 1452 of 2009
 - Sewer pipelines shall be straight and to even gradient between manholes.
 - Marker posts shall be provided along pipelines at 200m intervals, Road crossings and all appurtenances

	Name	Date
Drawn by	G. A	April, 2020
Designed by	Eng G. A	April, 2020
Approved by	Eng J. A	April, 2020

REVISIONS			
No.	Date	Rev by	Details

**SEWER LINE
PLAN AND PROFILES**
SECTION1 - DAYSTAR

SCALE : A3,
H: 1:1000
V: 1:500
PLAN: 1:500
DWG No :
LAS-PP-01



Chainage	0+000	0+020	0+040	0+060	0+080	0+100	0+124
Existing Levels	1501.643	1502.427	1499.610	1500.622	1501.568	1502.515	1503.645
Cut/Fill Depth	3.836	3.781	0.125	0.299	0.407	0.516	2.897
ManHole ID	MH18	MH17			MH16		MH15
Pipe Dia.	300mm PVC L=32.7m	300mm PVC L=43.8m			300mm PVC L=43.8m		
Cover and Invert	1497.81 USI	1499.23 DSI 1499.23 USI			1501.11 DSI 1501.11 USI		1503.00 DSI

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PROPOSED LUKENYA AREA SEWER LINE
 PROJECT

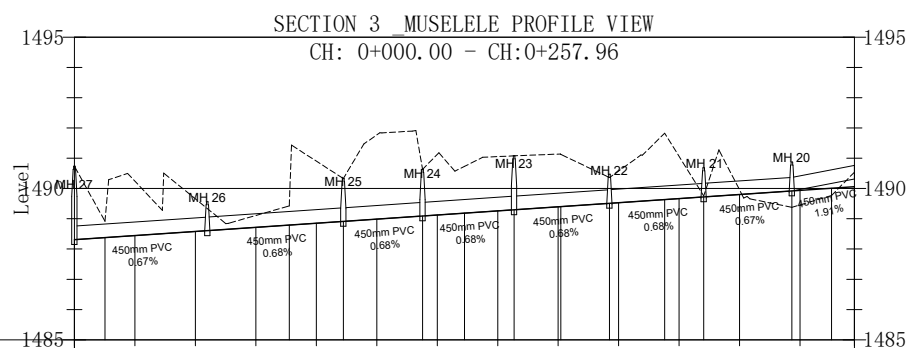
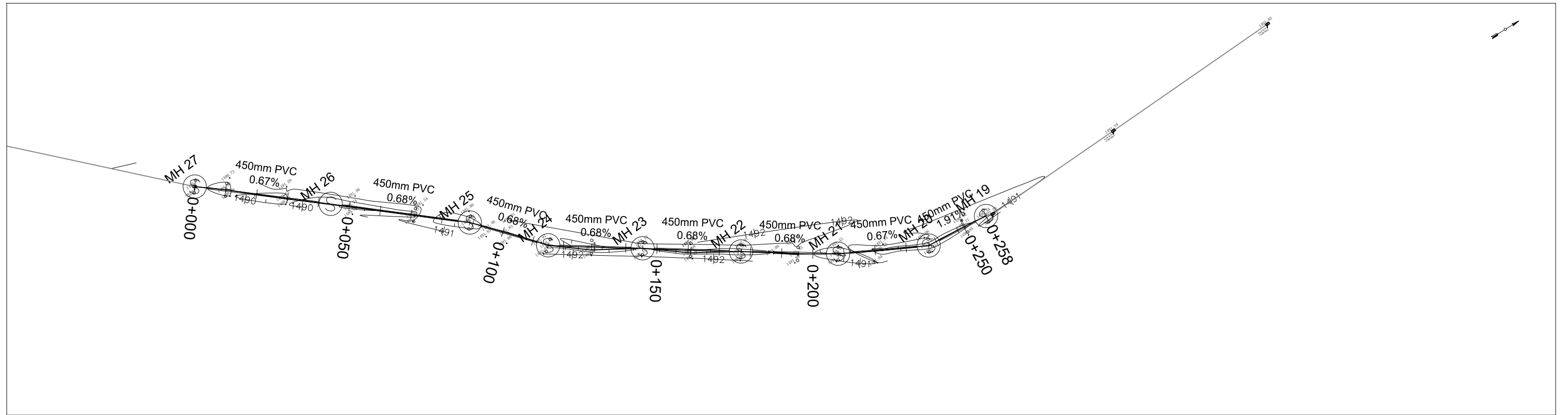
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	Name	Date
Drawn by	G. A	April, 2020
Designed by	Eng G. A	April, 2020
Approved by	Eng J. A	April, 2020

REVISIONS			
No.	Date	Rev by	Details

SEWER LINE
 PLAN AND PROFILES
 SECTION2 - MOKE AREA

SCALE : A3,
 H: 1:1000
 V: 1:100
 PLAN: 1:500
 DWG No :
 LAS-PP-02



Chainage	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+258
Existing Levels	1490.736	1490.244	1489.660	1489.109	1490.906	1491.771	1491.125	1491.056	1491.138	1490.580	1491.062	1489.963	1489.460	1490.538
Cut/Fill Depth	2.425	1.797	1.078	0.391	2.053	2.762	2.000	1.795	1.742	1.049	1.395	0.150	-0.478	0.478
ManHole ID	MH 27	MH 26	MH 25	MH 24	MH 23	MH 22	MH 21	MH 20						
Pipe Dia.	450mm PVC L=42.6m	450mm PVC L=43.6m	450mm PVC L=24.7m	450mm PVC L=28.8m	450mm PVC L=30.2m	450mm PVC L=29.9m	450mm PVC L=27.9m	450mm PVC L=19.5m						
Cover and Invert	1488.31 USI	1488.60 DSI 1488.80 USI	1488.91 DSI 1488.91 USI	1489.09 DSI 1489.09 USI	1489.30 DSI 1489.30 USI	1489.51 DSI 1489.51 USI	1489.72 DSI 1489.72 USI	1489.92 DSI 1489.92 USI	1490.31 DSI					

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PROPOSED LUKENYA AREA SEWER LINE
PROJECT

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	Name	Date
Drawn by	G. A	April, 2020
Designed by	Eng G. A	April, 2020
Approved by	Eng J. A	April, 2020

REVISIONS			
No.	Date	Rev by	Details

SEWER LINE
PLAN AND PROFILES
SECTION3 - MUSELELE

SCALE : A3,
H: 1:1000
V: 1:100
PLAN: 1:500
DWG No :
LAS-PP- 3