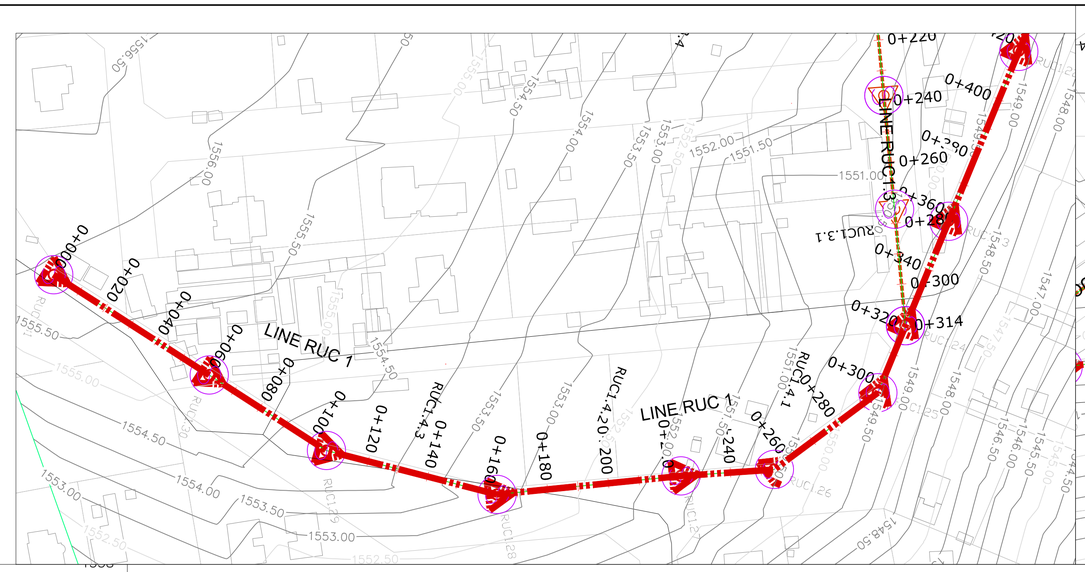

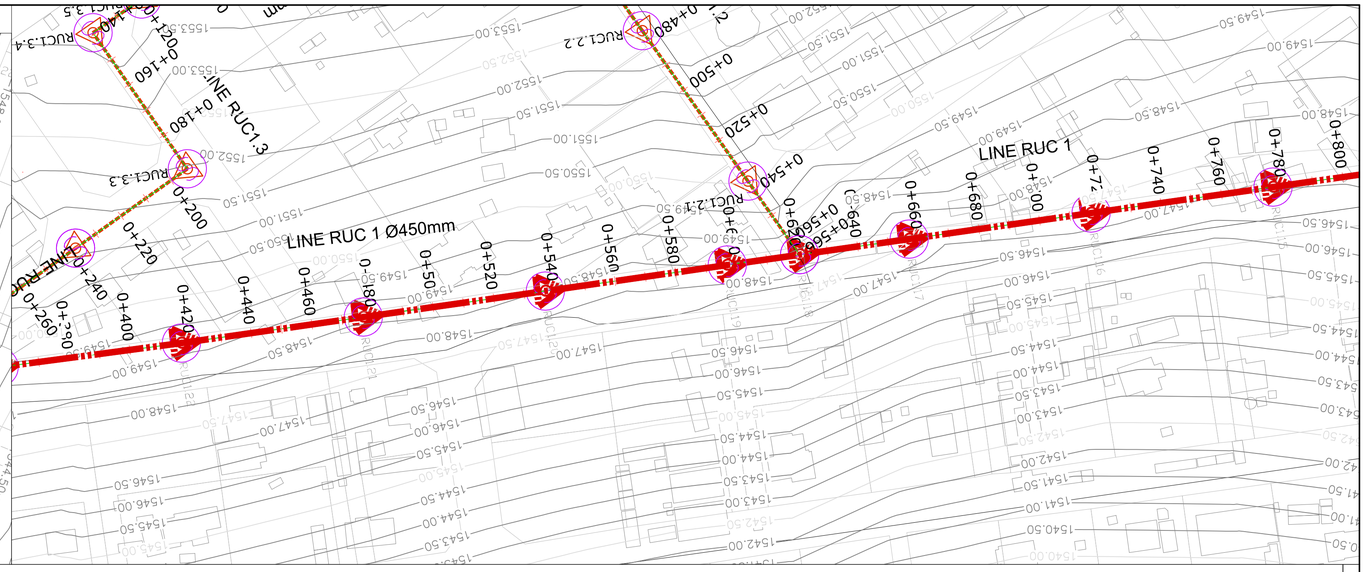

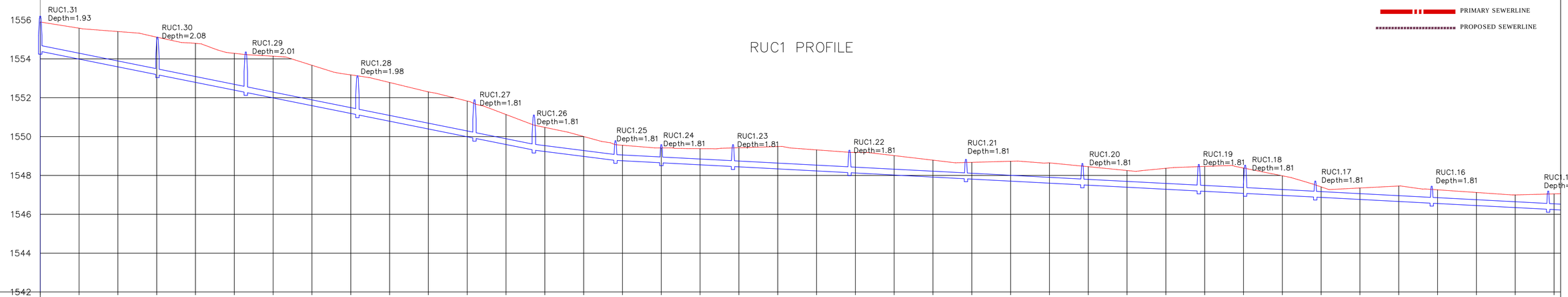

LEGEND

PRIMARY SEWERLINE

PROPOSED SEWERLINE

Stations	Manhole No	Ground Level	Invert Elevations	Pipe Data
0+000	RUC1.31 0+000.00	1555.90	1554.39	
0+020		1555.58		S=2.0% L=60.4m
0+040		1555.41		
0+060	RUC1.30 0+060.41	1553.12	1553.18	
0+080		1554.80	1553.18	S=2.0% L=45.5m
0+100	RUC1.29 0+105.92	1554.28	1552.27	
0+120		1554.14	1552.27	S=2.0% L=57.5m
0+140		1553.67		
0+160	RUC1.28 0+163.43	1553.18	1551.12	
0+180		1552.78	1551.12	S=2.0% L=60.3m
0+200		1552.30		
0+220	RUC1.27 0+223.76	1551.83	1549.91	
0+240		1551.13	1549.91	S=2.0% L=30.6m
0+260	RUC1.26 0+254.34	1550.47	1549.30	S=1.3% L=42.1m
0+280		1550.00	1549.30	
0+300	RUC1.25 0+296.40	1549.55	1548.77	
0+320	RUC1.24 0+320.04	1549.42	1548.77	S=0.5% L=23.6m
0+340		1549.38	1548.65	S=0.5% L=36.9m
0+360	RUC1.23 0+356.95	1549.42	1548.46	
0+380		1549.49	1548.46	S=0.5% L=60.0m
0+400		1549.31		
0+420	RUC1.22 0+416.96	1549.18	1548.14	
0+440		1549.02	1548.14	S=0.5% L=60.0m
0+460		1548.78		
0+480	RUC1.21 0+476.97	1548.67	1547.83	
0+500		1548.73	1547.83	S=0.5% L=60.0m
0+520		1548.65		
0+540	RUC1.20 0+536.97	1548.45	1547.51	
0+560		1548.25	1547.51	S=0.5% L=60.0m
0+580		1548.37		
0+600	RUC1.19 0+596.97	1548.46	1547.20	
0+620	RUC1.18 0+620.84	1548.38	1547.20	S=0.5% L=23.9m
0+640		1547.98	1547.07	S=0.5% L=36.1m
0+660	RUC1.17 0+656.97	1547.41	1546.88	
0+680		1547.35	1546.88	S=0.5% L=60.0m
0+700		1547.45		
0+720	RUC1.16 0+716.97	1547.26	1546.57	
0+740		1547.12	1546.57	S=0.5% L=60.0m
0+760		1547.00		
0+780	RUC1.15 0+776.97	1547.05	1546.26	
			1546.26	

Dia. & Material: 450mm Concrete Pipe

Reference Drawings

REV	REVISIONS	Checked	Date	Appr. WD
B				
A				

DESIGN CONSULTANT

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Drawn — Date : JUNE. 2017 — Name : M.N.M

Checked — Date — Name : N.M

Designed — Date — Name : D.M.O

Approved — Date — Name : R.N

NAIROBI CITY WATER & SEWERAGE COMPANY
(NCW&C)
Kampala Road, P.O Box 30656 - 00100,
NAIROBI -KENYA.

Date — DEPARTMENT HEAD

CONTRACT NO. — Rev

Date — Managing Director

ENGINEERING SERVICES FOR DESIGN AND DOCUMENTATION OF PRIMARY AND SECONDARY SEWERLINES-LOT 4

Drawing Title: PLAN & PROFILE - RUAI LINE -RUC 1

Scales: Hor. 1:1000 (A1) Vert. 1:100 (A1)

Drg No.: WS621-L4-RUC-001