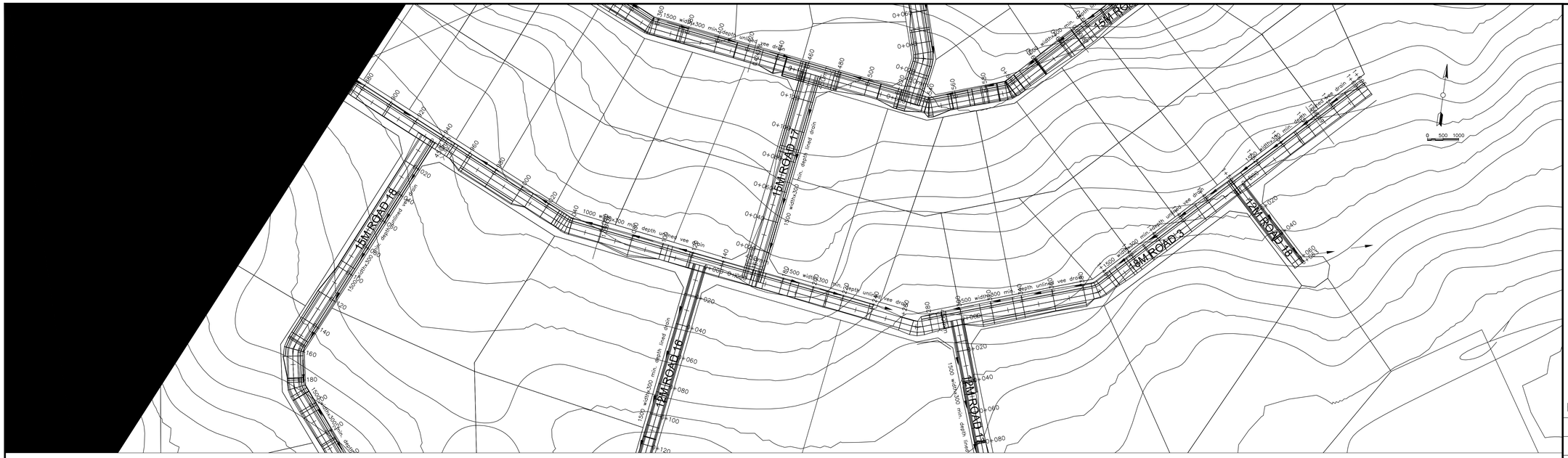

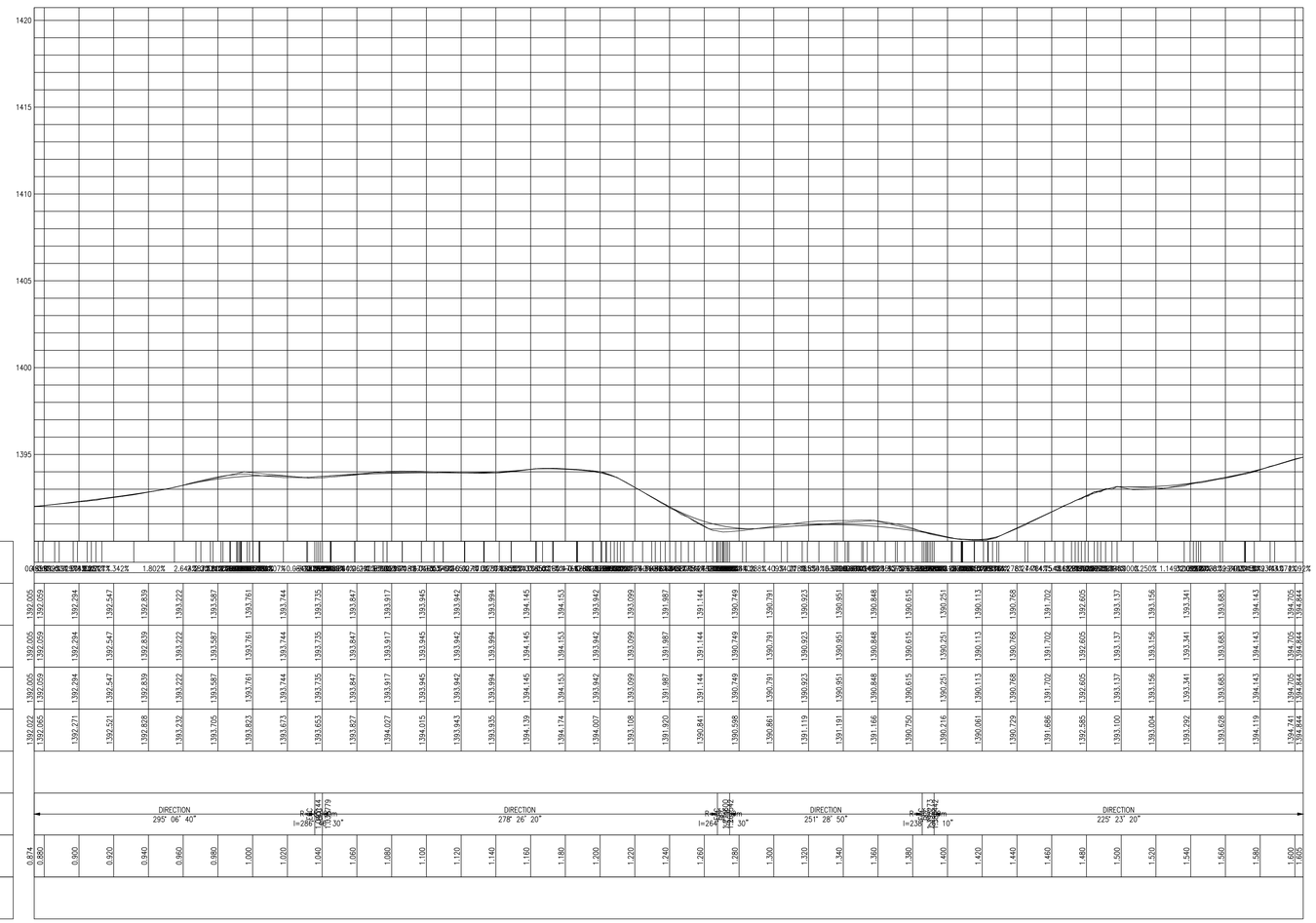

SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1390.000

VERTICAL PROFILE GRADES		
FINAL DESIGN ROAD LEVELS	LEFT EDGE (HL)	1392.005 1392.059 1392.294 1392.547 1392.839 1393.222 1393.587 1393.761 1393.744 1393.735 1393.847 1393.917 1393.945 1393.942 1393.894 1394.145 1394.153 1393.942 1393.099 1391.987 1391.144 1390.749 1390.791 1390.923 1390.951 1390.848 1390.615 1390.251 1390.113 1390.768 1391.702 1392.605 1393.137 1393.156 1393.341 1393.683 1394.143 1394.205 1394.644
	CENTRE LINE (CL)	1392.005 1392.059 1392.294 1392.547 1392.839 1393.222 1393.587 1393.761 1393.744 1393.735 1393.847 1393.917 1393.945 1393.942 1393.894 1394.145 1394.153 1393.942 1393.099 1391.987 1391.144 1390.749 1390.791 1390.923 1390.951 1390.848 1390.615 1390.251 1390.113 1390.768 1391.702 1392.605 1393.137 1393.156 1393.341 1393.683 1394.143 1394.205 1394.644
	RIGHT EDGE (HR)	1392.005 1392.059 1392.294 1392.547 1392.839 1393.222 1393.587 1393.761 1393.744 1393.735 1393.847 1393.917 1393.945 1393.942 1393.894 1394.145 1394.153 1393.942 1393.099 1391.987 1391.144 1390.749 1390.791 1390.923 1390.951 1390.848 1390.615 1390.251 1390.113 1390.768 1391.702 1392.605 1393.137 1393.156 1393.341 1393.683 1394.143 1394.205 1394.644
GROUND LEVELS ON CL		1392.022 1392.065 1392.271 1392.521 1392.828 1393.232 1393.705 1393.823 1393.673 1393.653 1393.827 1394.027 1394.015 1393.943 1393.835 1394.139 1394.174 1394.007 1393.108 1391.920 1390.841 1390.598 1390.861 1391.119 1391.191 1391.166 1390.750 1390.216 1390.061 1390.729 1391.686 1392.585 1393.100 1393.004 1393.292 1393.628 1394.119 1394.241 1394.644
SUPERELEVATION	LEFT ····· RIGHT — —	
HORIZONTAL ALIGNMENT		DIRECTION 295° 06' 40" · R=280.000m I=286° 46' 30" · DIRECTION 278° 26' 20" · R=264.000m I=264° 25' 30" · DIRECTION 251° 28' 50" · R=238.000m I=238° 25' 10" · DIRECTION 225° 23' 20"
DISTANCE (km)		0.874 0.880 0.900 0.920 0.940 0.960 0.980 1.000 1.020 1.040 1.060 1.080 1.100 1.120 1.140 1.160 1.180 1.200 1.220 1.240 1.260 1.280 1.300 1.320 1.340 1.360 1.380 1.400 1.420 1.440 1.460 1.480 1.500 1.520 1.540 1.560 1.580 1.600 1.605
DRAINAGE	Distance (km) Size and Angle	

LONGSECTION 18M ROAD 3
FROM 874.204 TO 1604.789

NOTES

GENERAL

1. All construction and erection done on site should conform to the laid standards of construction
2. The Engineer and/or client reserves the right to instruct the contractor to correct defective work(s)
3. This drawing is to be read in conjunction with all reference drawings

ROAD WORKS

1. **Density tests to be done on each base constructed**
2. **Road formation level to be constructed on approved sub-grade material and road slopes to be formed at that stage**

MATERIAL SURFACING

Premix: To SABS 1200 continuos graded bitumen asphalt or similar approved. Mix to be approved by the Engineer.

Surface Treatment: Double Seal of 13.2 and 6.7mm stone aggregate with 150/200 per bitumen emulsion fog spray.

Block Paving:

Roads: Heavy duty 80mm thick interlocking blocks grey colour laid on herringbore pattern to SABS 1200 specified or similar approved.

Footway: Light duty 60mm thick interlocking blocks grey colour laid on herringbore pattern to SABS 1200 specified or similar approved

REFERENCE DRAWINGS

	Drg No.	Title
	S.G/A1040/C/P/D001	POTABLE WATER RETICULATION
	S.G/A1040/C/S/D001	SEWER RETICULATION

KEY

DATE	DRWN	REV BY	CHKD	APPD	ISSUE

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Braeside, Harare
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email:stmuta@aol.com
Website:sgmusoni.com

ZIMBABWE ASSOCIATION OF CONSULTING ENGINEERS zace
No 1 Consumer House 256 Samora Machel Avenue Eastlea PO Box 192 8136 Highlands Harare Zimbabwe Telephone/Fax (263) 4 746910 e-mail: zaceeng@gmail.com Belvedere, Harare

ENGINEERING COUNCIL OF ZIMBABWE EOZ
Suite Y103 - Y106 National Sports Stadium, Bays 24 - 27 Samora Machel Avenue, Belvedere P. O. Box 660 Harare

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PROJECT TITLE

DESIGN OF CIVIL INFRASTRUCTURE FOR STRATHMORE HOUSING DEVELOPMENT

DRAWING TITLE

18M ROAD 3, PLAN & LONGITUDINAL SECTION (SHEET 2 OF 2)

CLIENT

HOMELINK (PVT) LTD
Hardwicke House, 72-74
Samora Machel Ave, P.O.
Box 628, Causeway,
HARARE, ZIMBABWE

SCALE	MASTER SIZE
1:1000	A0
CLIENT DRAWING No.	REV
S.G/A1040/C/R/D003	A1