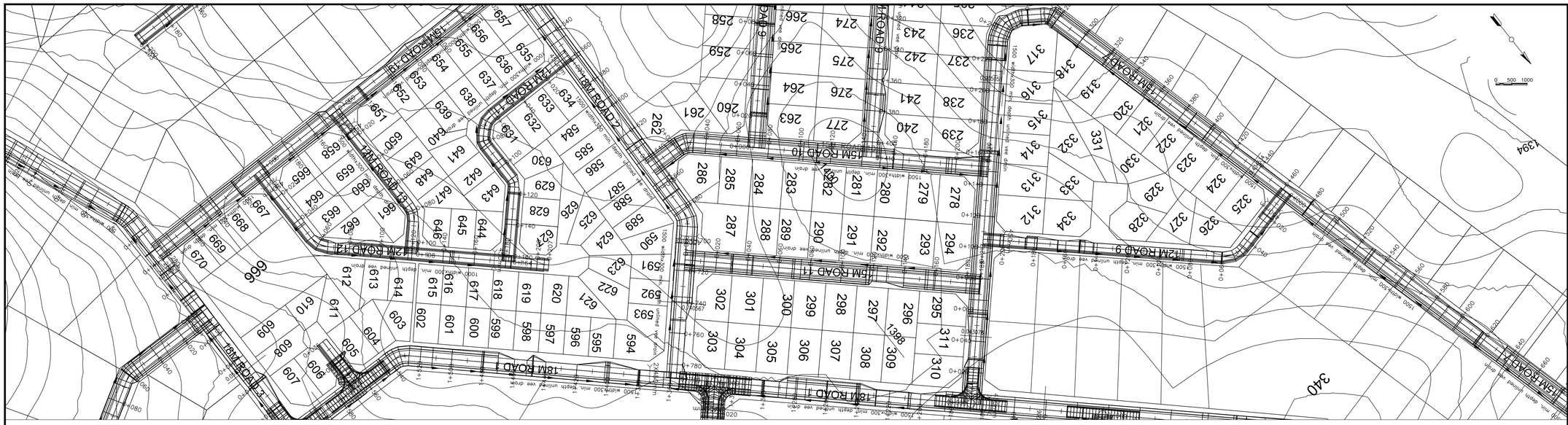

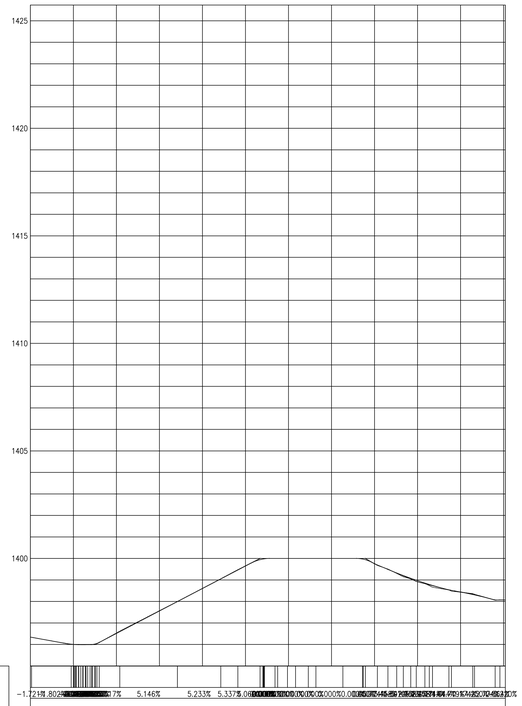

SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1395.000

VERTICAL PROFILE GRADES		-1.721%	1.802%	1.7%	5.146%	5.233%	5.337%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
FINAL DESIGN ROAD LEVELS	LEFT EDGE (HL)	1396.344	1396.006	1396.511	1397.557	1398.602	1399.647	1400.000	1400.000	1399.753	1398.969	1398.440	1398.070
	CENTRE LINE (CL)	1396.344	1396.006	1396.511	1397.557	1398.602	1399.647	1400.000	1400.000	1399.753	1398.969	1398.440	1398.070
	RIGHT EDGE (HR)	1396.344	1396.006	1396.511	1397.557	1398.602	1399.647	1400.000	1400.000	1399.753	1398.969	1398.440	1398.070
GROUND LEVELS ON CL		1396.344	1396.001	1396.535	1397.570	1398.609	1399.658	1400.000	1400.000	1399.753	1398.914	1398.431	1398.073
SUPERELEVATION	LEFT / RIGHT												
HORIZONTAL ALIGNMENT		DIRECTION 92° 10' 10"						DIRECTION 133° 10' 10"					
DISTANCE (km)		0.000	0.020	0.040	0.060	0.080	0.100	0.120	0.140	0.160	0.180	0.200	0.220
DRAINAGE	Distance (km) / Size and Angle												

LONGSECTION 15M ROAD 10
FROM 0.000 TO 220.824

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

SG MUSONI Consulting Engineers
1 Vancouver Rd
Braeside, Harare
Cell:0775004369
email:stmuta@aol.com
Website:sgmusoni.com

ZIMBABWE ASSOCIATION zace CONSULTING ENGINEERS
No 1 Conquenar House
256 Samora Machel
Avenue Eastlea PO Box
HG 836 Highlands Harare
Zimbabwe TelephonelFax
(263 4) 746010 e-mail:
zaceass@gmail.com
Belvedere, Harare

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

THIS DRAWING IS ISSUED BY SG MUSONI, SUBJECT TO THE CONDITIONS THAT IT IS NOT COPIED EITHER IN WHOLE OR IN PART OR DISCLOSED TO THIRD PARTIES UNLESS PRIOR WRITTEN AUTHORISATION IS GIVEN BY SG MUSONI.

PREVIOUS VERSIONS OF THIS DRAWING SHOULD BE STAMPED SUPERSEDED OR DESTROYED DO NOT SCALE THIS DRAWING – IF IN DOUBT ASK

PROJECT TITLE

DESIGN OF CIVIL INFRASTRUCTURE FOR STRATHMORE HOUSING DEVELOPMENT

DRAWING TITLE

15M ROAD 10, PLAN & LONGITUDINAL SECTION (SHEET 1 OF 1)

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/D004	A1