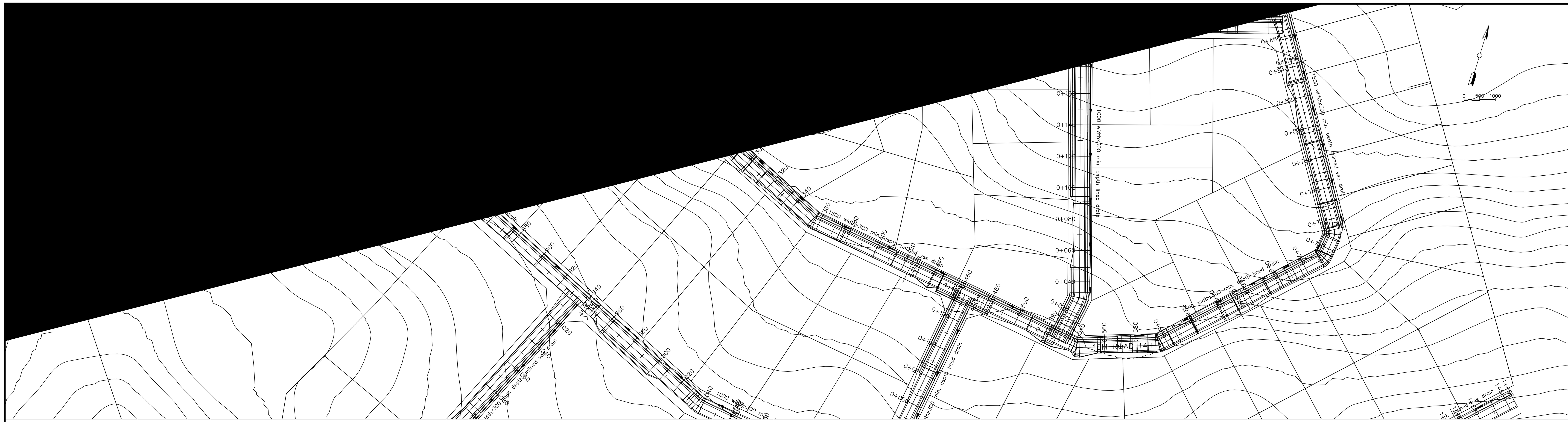


NOTES

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.

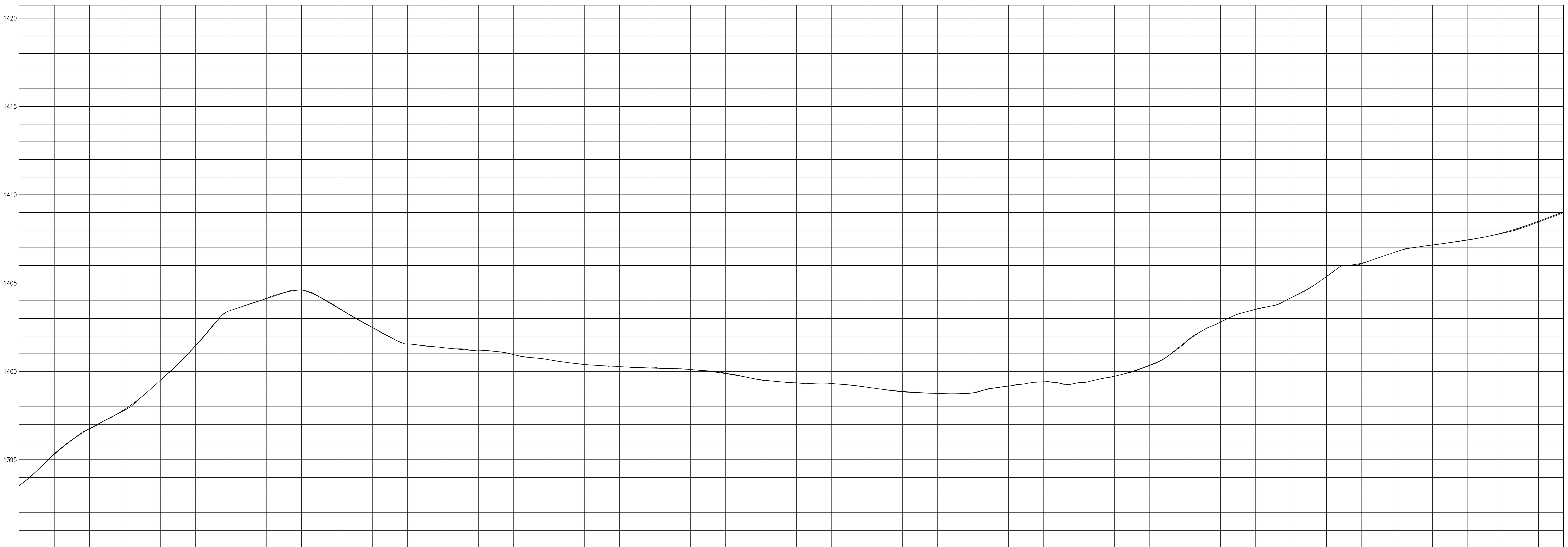
Block Paving:
Roads: Heavy duty 80mm thick interlocking blocks grey colour laid on herringbore pattern to SABS 1200 specified or similar approved.
Footway: Light duty 60mm thick interlocking blocks grey colour laid on herringbore pattern to SABS 1200 specified or similar approved

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	



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1390.000

VERTICAL PROFILE GRADES: [illegible]

DISTANCE (km)	LEFT EDGE (HL)	CENTRE LINE (CL)	RIGHT EDGE (HR)	GROUND LEVELS ON CL
0.000	1393.524	1393.524	1393.524	1393.524
0.020	1395.305	1395.305	1395.305	1395.342
0.040	1396.765	1396.765	1396.765	1396.751
0.060	1397.866	1397.866	1397.866	1397.808
0.080	1399.495	1399.495	1399.495	1399.494
0.100	1401.469	1401.469	1401.469	1401.457
0.120	1403.456	1403.456	1403.456	1403.460
0.140	1404.119	1404.119	1404.119	1404.135
0.160	1404.612	1404.612	1404.612	1404.614
0.180	1403.629	1403.629	1403.629	1403.653
0.200	1402.496	1402.496	1402.496	1402.485
0.220	1401.550	1401.550	1401.550	1401.551
0.240	1401.347	1401.347	1401.347	1401.351
0.260	1401.164	1401.164	1401.164	1401.168
0.280	1400.950	1400.950	1400.950	1400.957
0.300	1400.662	1400.662	1400.662	1400.660
0.320	1400.395	1400.395	1400.395	1400.397
0.340	1400.272	1400.272	1400.272	1400.254
0.360	1400.186	1400.186	1400.186	1400.212
0.380	1400.104	1400.104	1400.104	1400.103
0.400	1399.874	1399.874	1399.874	1399.901
0.420	1399.529	1399.529	1399.529	1399.509
0.440	1399.350	1399.350	1399.350	1399.356
0.460	1399.317	1399.317	1399.317	1399.307
0.480	1399.106	1399.106	1399.106	1399.106
0.500	1398.872	1398.872	1398.872	1398.842
0.520	1398.750	1398.750	1398.750	1398.759
0.540	1398.791	1398.791	1398.791	1398.779
0.560	1399.172	1399.172	1399.172	1399.164
0.580	1399.410	1399.410	1399.410	1399.403
0.600	1399.357	1399.357	1399.357	1399.374
0.620	1399.723	1399.723	1399.723	1399.722
0.640	1400.355	1400.355	1400.355	1400.333
0.660	1401.637	1401.637	1401.637	1401.600
0.680	1402.789	1402.789	1402.789	1402.786
0.700	1403.509	1403.509	1403.509	1403.522
0.720	1404.173	1404.173	1404.173	1404.165
0.740	1405.374	1405.374	1405.374	1405.363
0.760	1406.130	1406.130	1406.130	1406.096
0.780	1406.788	1406.788	1406.788	1406.788
0.800	1407.156	1407.156	1407.156	1407.160
0.820	1407.451	1407.451	1407.451	1407.437
0.840	1407.855	1407.855	1407.855	1407.828
0.860	1408.503	1408.503	1408.503	1408.456
0.874	1409.043	1409.043	1409.043	1408.994

FINAL DESIGN ROAD LEVELS

SUPERELEVATION: LEFT ······ RIGHT — —

HORIZONTAL ALIGNMENT: DIRECTION 236° 37' 30"; DIRECTION 294° 58' 30"; DIRECTION 278° 31' 00"; DIRECTION 251° 28' 50"; DIRECTION 225° 20' 20"; DIRECTION 148° 41' 10"

DRAINAGE: Distance (km); Size and Angle

LONGSECTION 15M ROAD 14
FROM 0.000 TO 874.204

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

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 COPI 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 14, PLAN & LONGITUDINAL SECTION (SHEET 1 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. S.G/A1040/C/R/D004	REV A1