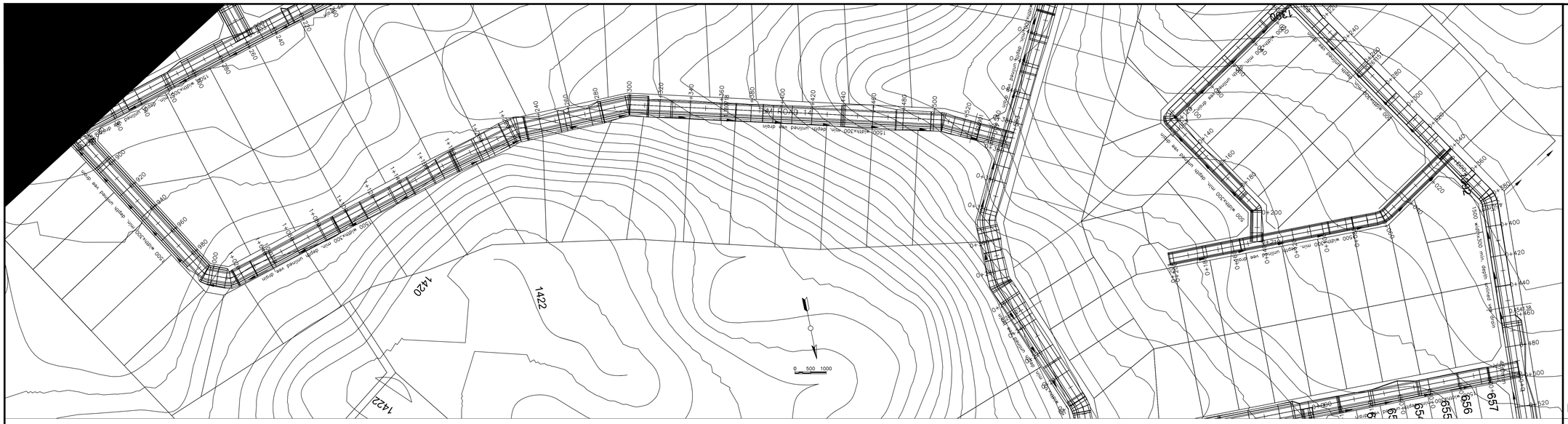

SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1395.000

| | | |
|---|---|---|
| VERTICAL PROFILE GRADES | | |
| FINAL DESIGN ROAD LEVELS | LEFT EDGE (HL) | 1409.043 1409.278 1410.074 1410.514 1410.954 1411.394 1411.835 1412.839 1413.946 1413.952 1413.732 1413.510 1413.626 1413.935 1414.061 1414.448 1414.791 1414.507 1413.550 1412.436 1411.284 1410.059 1409.947 1409.418 1408.794 1408.114 1407.398 1406.448 1405.275 1404.000 1402.595 1401.527 1400.620 1399.846 1399.304 1398.599 |
| | CENTRE LINE (CL) | 1409.043 1409.278 1410.074 1410.514 1410.954 1411.394 1411.835 1412.839 1413.946 1413.952 1413.732 1413.510 1413.626 1413.935 1414.061 1414.448 1414.791 1414.507 1413.550 1412.436 1411.284 1410.059 1409.947 1409.418 1408.794 1408.114 1407.398 1406.448 1405.275 1404.000 1402.595 1401.527 1400.620 1399.846 1399.304 1398.599 |
| | RIGHT EDGE (HR) | 1409.043 1409.278 1410.074 1410.514 1410.954 1411.394 1411.835 1412.839 1413.946 1413.952 1413.732 1413.510 1413.626 1413.935 1414.061 1414.448 1414.791 1414.507 1413.550 1412.436 1411.284 1410.059 1409.947 1409.418 1408.794 1408.114 1407.398 1406.448 1405.275 1404.000 1402.595 1401.527 1400.620 1399.846 1399.304 1398.599 |
| GROUND LEVELS ON CL | | 1408.994 1409.246 1410.077 1410.536 1410.961 1411.387 1411.812 1412.848 1413.967 1413.956 1413.709 1413.475 1413.628 1413.951 1414.060 1414.416 1414.786 1414.495 1413.518 1412.488 1411.228 1410.055 1409.937 1409.454 1408.771 1408.053 1407.384 1406.424 1405.283 1404.002 1402.503 1401.569 1400.634 1399.829 1399.305 1398.599 |
| SUPERELEVATION | LEFT ····· RIGHT — — | |
| HORIZONTAL ALIGNMENT | | DIRECTION 148° 41' 10" R=120.000 I=129° 50' 00" DIRECTION 73° 18' 20" R=74.000 I=74° 00' 20" DIRECTION 75° 02' 20" R=81.000 I=81° 00' 30" DIRECTION 88° 53' 10" R=95.000 I=95° 00' 00" DIRECTION 104° 06' 40" R=110.000 I=110° 08' 50" DIRECTION 116° 11' 00" |
| 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 1.553 |
| DRAINAGE | Distance (km) Size and Angle | |

LONGSECTION 15M ROAD 14
FROM 874.204 TO 1553.053

# 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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| | | | | | |


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

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

ECZ
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

## 15M ROAD 14, 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/D004 | A1 |