



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1395.000

VERTICAL PROFILE
GRADES

FINAL DESIGN ROAD LEVELS	LEFT EDGE (HL)
	CENTRE LINE (CL)
	RIGHT EDGE (HR)
GROUND LEVELS ON CL	
SUPERELEVATION	
HORIZONTAL ALIGNMENT	
DISTANCE (km)	
DRAINAGE	

LONGSECTION 18M ROAD 1
FROM 874.204 TO 1748.407

NOTES

GENERAL

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

ROAD WORKS

- Density tests to be done on each base constructed
- 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 continuous 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 herringbone pattern to SABS 1200 specified or similar approved.
Footway: Light duty 60mm thick interlocking blocks grey colour laid on herringbone pattern to SABS 1200 specified or similar approved

REFERENCE DRAWINGS

No.	Drg No.	Title
1	S.G./A1040/C/P/D001	POTABLE WATER RETICULATION
2	S.G./A1040/C/S/D001	SEWER RETICULATION
3		
4		
5		

KEY

POTABLE WATER MAIN

FH FIRE HYDRANT

END CAP/ STOP END WITH THRUST BLOCK

SV REDUCER/ STOP VALVE

DATE	DRWN	REV BY	CHKD	APPD	ISSUE

23 Eastern Ave
Belvedere, Harare
Cell:077504369
email:stmuta@aol.com
Website:sgmusoni.com

No 1 Conqueror House
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160 8th Highlands Harare
Zimbabwe Telephone/Fax
(06) 4 746010 e-mail:
zace@zace.co.zw

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

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PROJECT TITLE

DESIGN OF CIVIL INFRASTRUCTURE
FOR STRATHMORE HOUSING
DEVELOPMENT

DRAWING TITLE

18M ROAD 1, PLAN & LONGITUDINAL
SECTION (SHEET 2 OF 5)

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/D001	A1