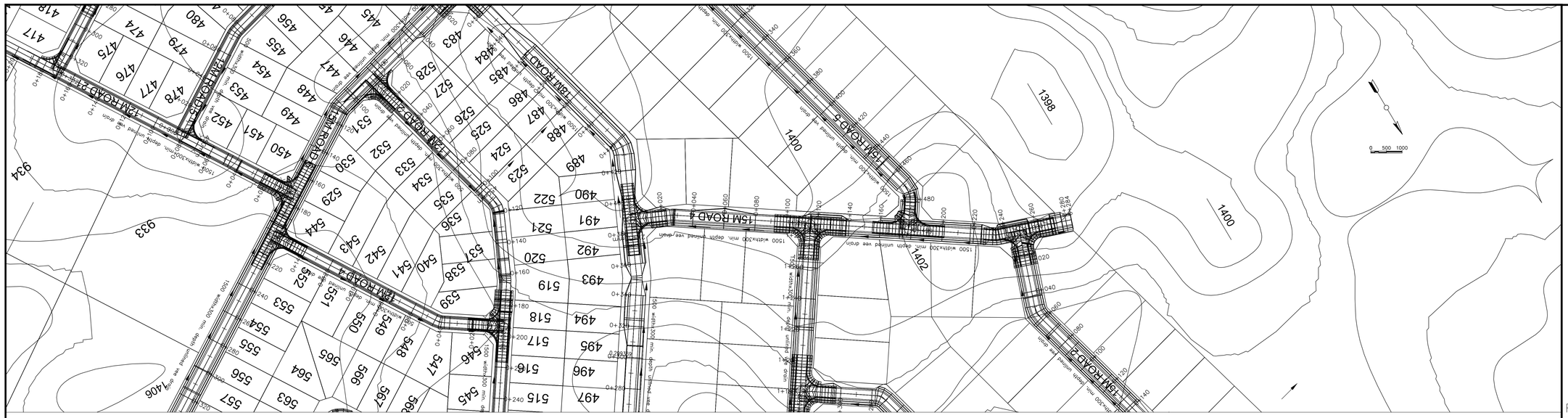

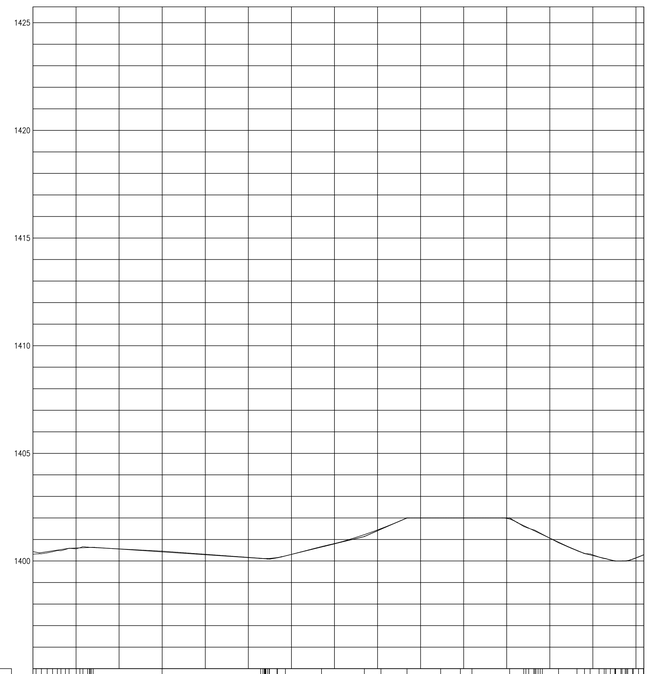

SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1395.000

VERTICAL PROFILE GRADES			−0.516%		−0.725%			0.604%	2.330%	4.490%	289%	−0.000%	0.000%	0.000%	−6.66%		
FINAL DESIGN ROAD LEVELS	LEFT EDGE (HL)	1400.435	1400.634	1400.556	1400.423	1400.290	1400.156	1400.305	1400.801	1401.443	1402.000	1402.000	1401.980	1401.062	1400.252	1400.148	
	CENTRE LINE (CL)	1400.435	1400.634	1400.556	1400.423	1400.290	1400.156	1400.305	1400.801	1401.443	1402.000	1402.000	1401.980	1401.062	1400.252	1400.148	
	RIGHT EDGE (HR)	1400.435	1400.634	1400.556	1400.423	1400.290	1400.156	1400.305	1400.801	1401.443	1402.000	1402.000	1401.980	1401.062	1400.252	1400.148	
GROUND LEVELS ON CL		1400.372	1400.584	1400.563	1400.459	1400.314	1400.169	1400.308	1400.812	1401.410	1402.000	1402.000	1402.000	1401.061	1400.283	1400.137	1400.231
SUPERELEVATION	LEFT ····· / RIGHT — —																
HORIZONTAL ALIGNMENT			DIRECTION 114° 22' 40"					DIRECTION 124° 16' 20"							DIRECTION 109° 13' 20"		
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	0.240	0.260	0.280	0.283
DRAINAGE	Distance (km) / Size and Angle																

LONGSECTION 15M ROAD 4
FROM 0.000 TO 283.654

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 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 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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PROJECT TITLE

DESIGN OF CIVIL INFRASTRUCTURE FOR STRATHMORE HOUSING DEVELOPMENT

DRAWING TITLE

15M ROAD 4, PLAN & LONGITUDINAL SECTION (SHEET 1 OF 1)

CLIENT

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SCALE	MASTER SIZE
1:1000	A0
CLIENT DRAWING No. S.G/A1040/C/R/D004	REV A1