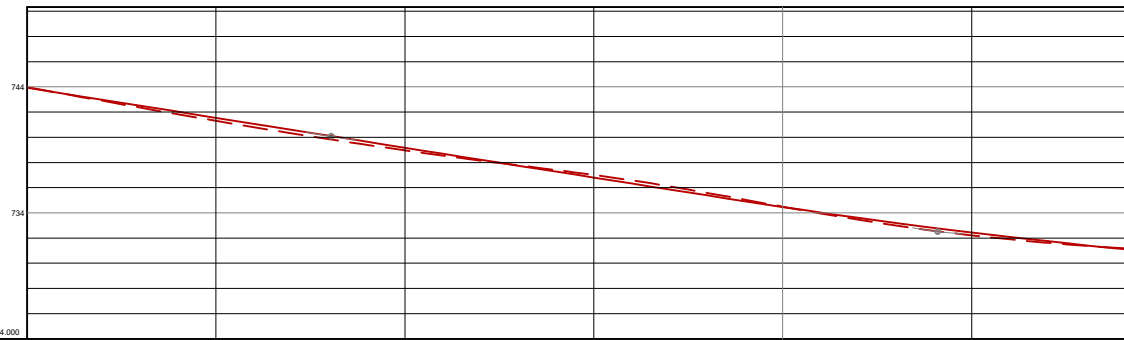
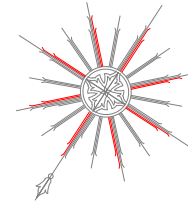
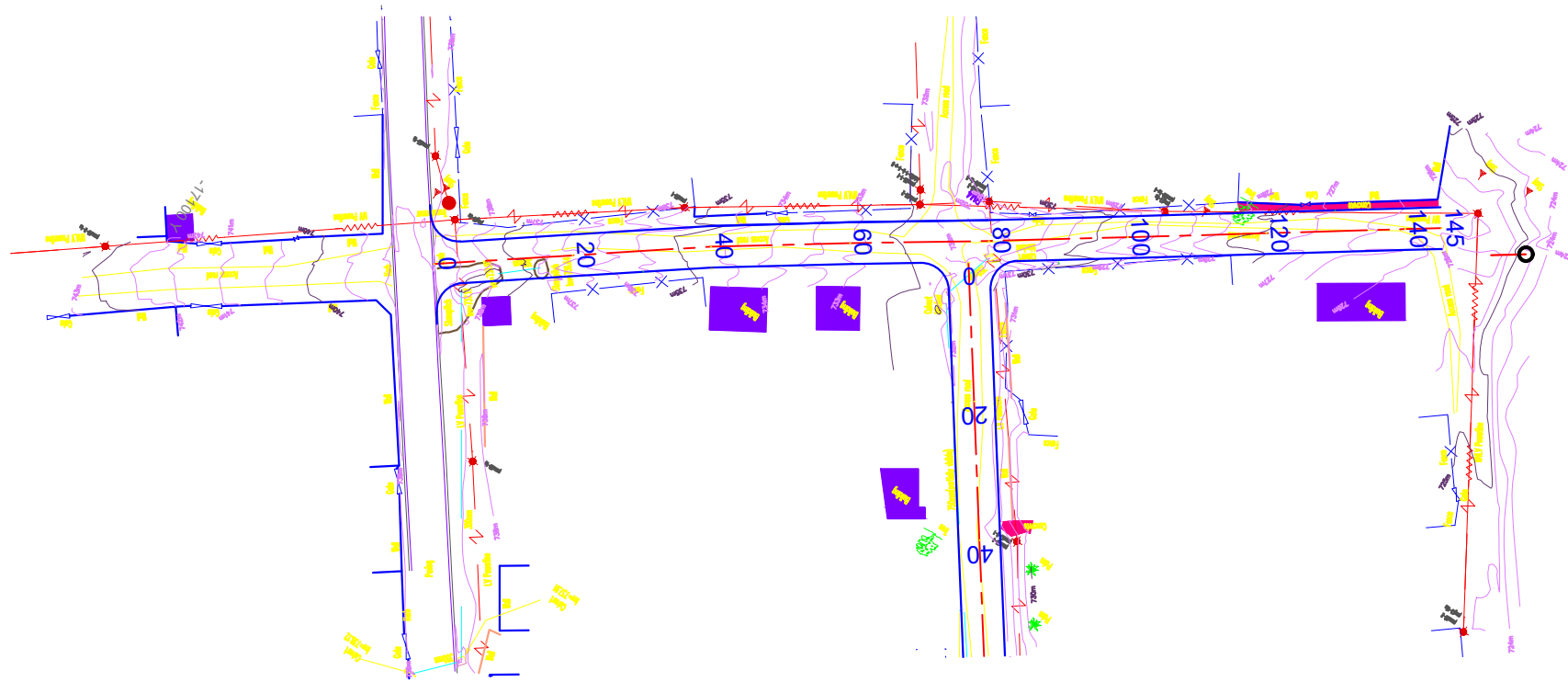




C/L/ Peg Levels			743.99	741.76	739.80	738.09	736.74	734.47	732.36	731.33	731.09
Vertical Alignment	Design Road Levels	Left Edge	743.87	741.90	740.05	738.16	736.27	734.38	732.67	731.35	731.04
		Centre Line	743.93	742.02	740.11	738.22	736.33	734.44	732.73	731.41	731.10
		Right Edge	743.87	741.90	740.05	738.16	736.27	734.38	732.67	731.35	731.04
	Grades	-9.564 %				-9.450 %				-5.591 %	
	Vertical Curves	B.V.C. 10.229	60.000m VC K = 529.136				E.V.C. 70.249	B.V.C. 100.699	40.000m VC K = 10.364		E.V.C. 140.699
Superelevation			0.000 %								
Horizontal Curves			Direction 54°32'52" Right Hand Curve 100.000m Radius 100.000m								
Chainages			0	20	40	60	80	100	120	140	145.45

PAVEMENT LAYER DETAILS:	
1. SURFACING:	80mm INTERLOCKING CONCRETE PAVING BLOCKS LAID ON 20mm RIVER SAND
2. BASE:	150mm STABILIZED GRAVEL, MIN UCS 1500 KPa @ 97% MOD AASHTO, GM>1.75 AND PI<6.
3. SUB-BASE:	150mm NATURAL GRAVEL (G5) MIN CBR 45 @95% MOD AASHTO
4. UPPER SELECTED:	150mm NATURAL GRAVEL (G7) MIN CBR 15 @93% MOD AASHTO
5. ROADBED:	COMPACTED TO 90% MOD AASHTO

GENERAL NOTES

Revisions

Rev	Date	Description

Client



CITY OF MBOMBELA

Consultant



Description

CONSTRUCTION OF MNGANINI LOSHILE ROAD AND VEHICLE BRIDGE

Drawing Title

LONG SECTION ROAD 3

Drawn M.MBONANI	Scale 1:100	Paper Size A3
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Checked R.CHIHWEHWETE	Date 16/08/2023
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Approved R.CHIHWEHWETE
Contract Number: 213/2020 XIII

Drawing No. MNGANINI-10	Revision 00
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