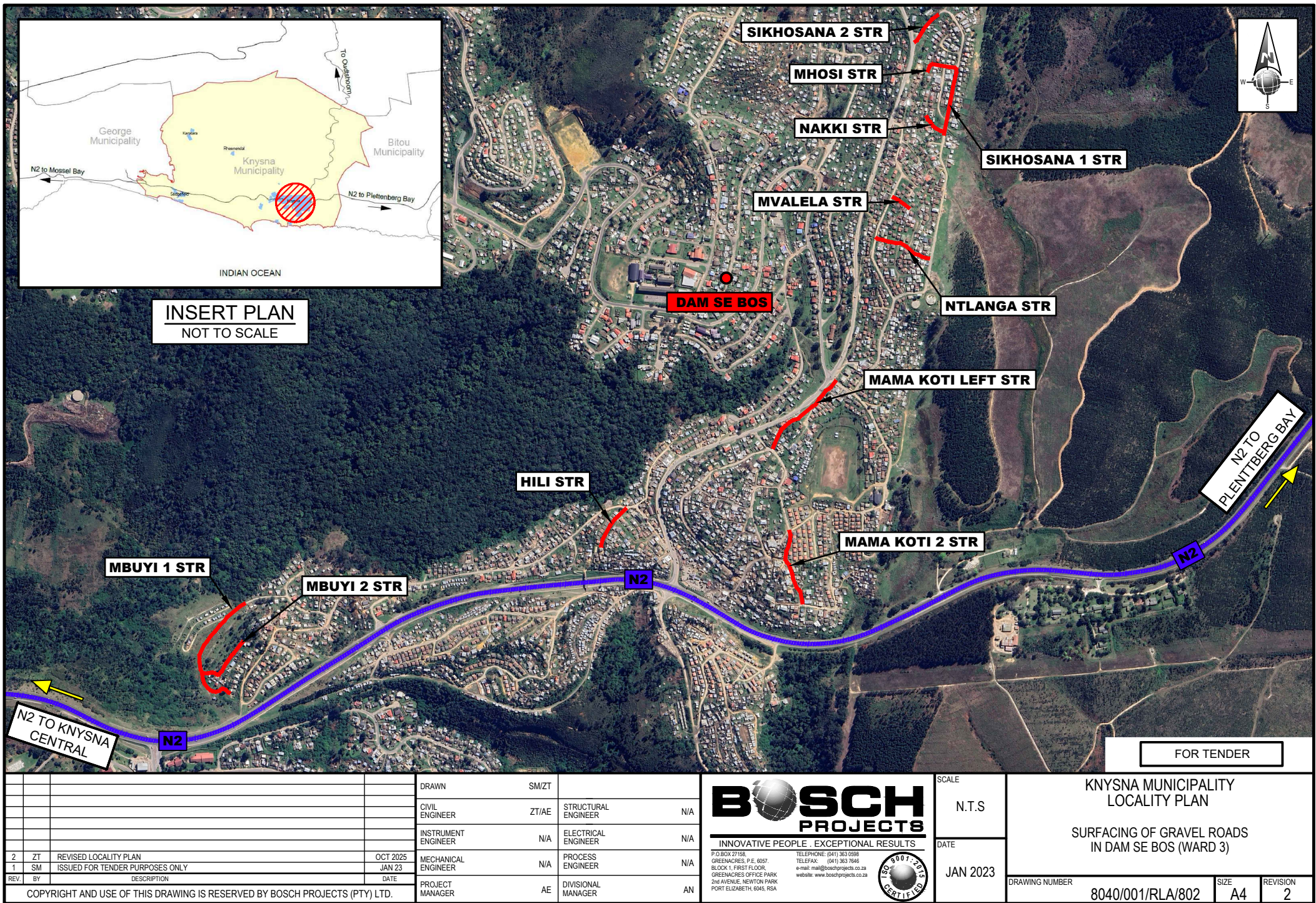




2	ZT	REVISED LOCALITY PLAN		OCT 2025	
1	SM	ISSUED FOR TENDER PURPOSES ONLY		JAN 23	
REV.	BY	DESCRIPTION		DATE	
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DRAWN	SM/ZT		
CIVIL ENGINEER	ZT/AE	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER	N/A
PROJECT MANAGER	AE	DIVISIONAL MANAGER	AN



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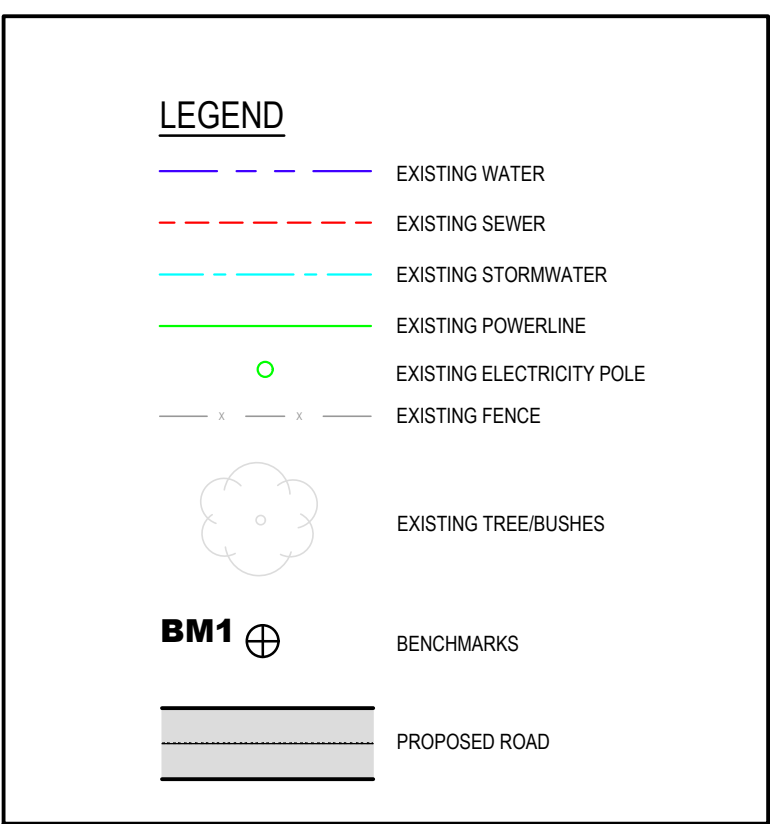
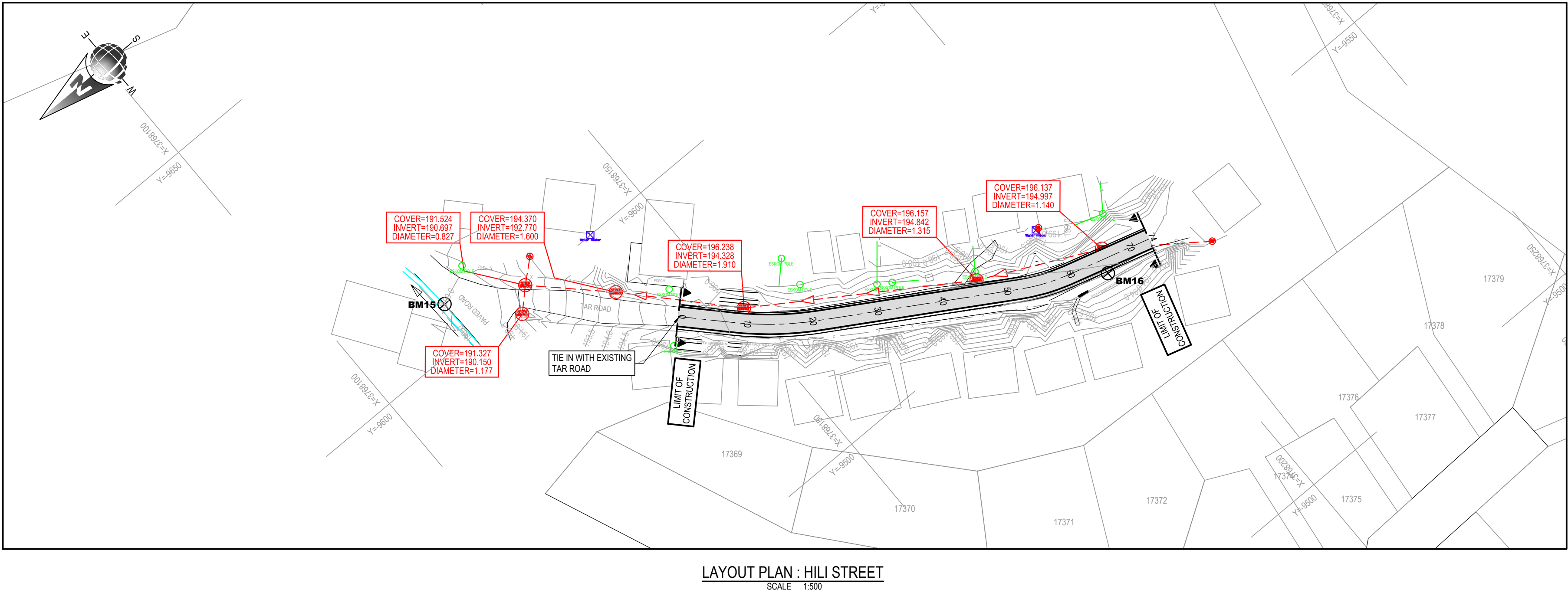
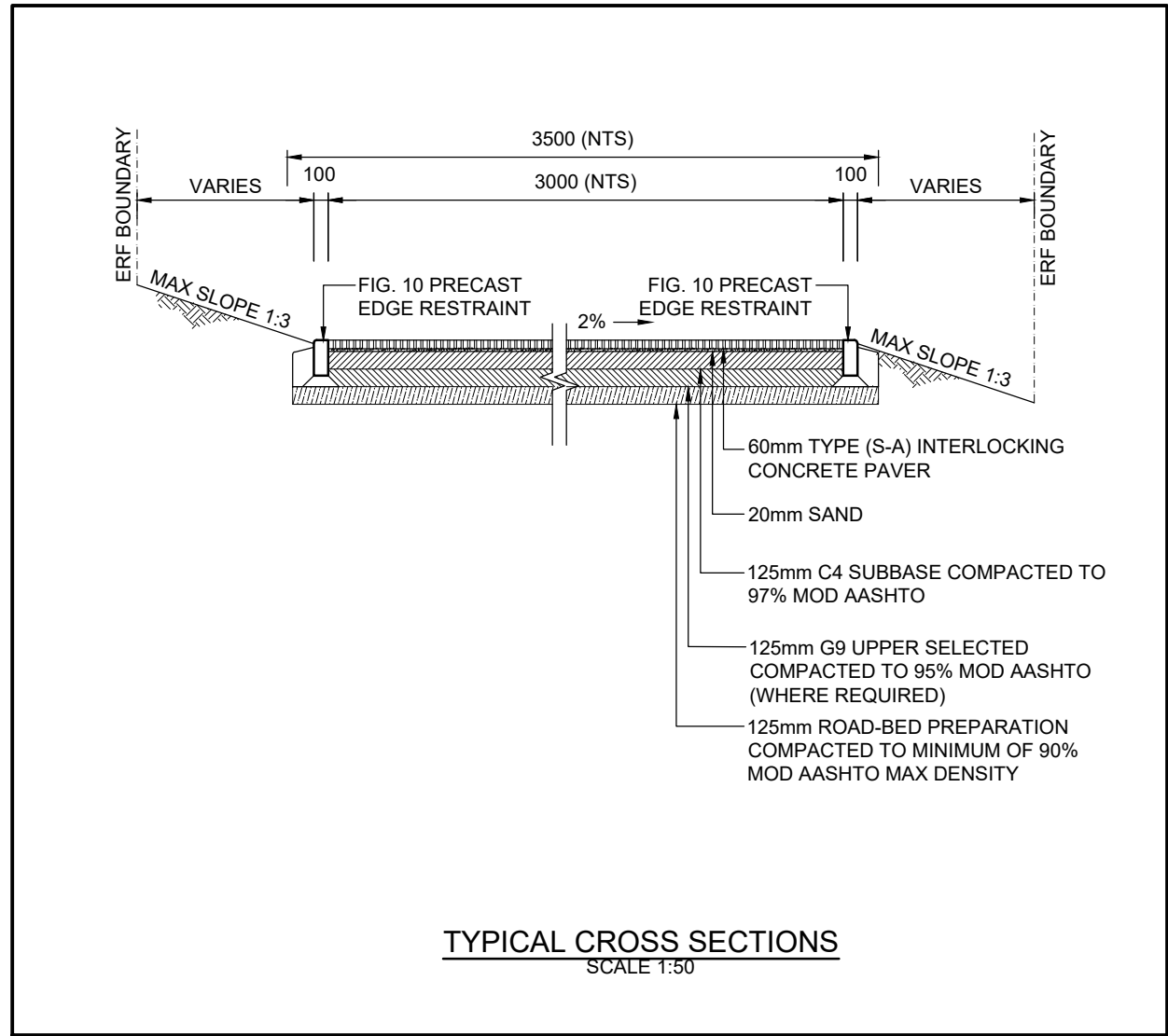
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BLOCK 1, FIRST FLOOR,
GREENACRES OFFICE PARK,
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TELEPHONE: (041) 363 0598
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website: www.boschprojects.co.za



SCALE	N.T.S
DATE	JAN 2023

KNYSNA MUNICIPALITY LOCALITY PLAN	
SURFACING OF GRAVEL ROADS IN DAM SE BOS (WARD 3)	
DRAWING NUMBER	8040/001/RLA/802
SIZE	A4
REVISION	2



BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/L023			
CODE	Y-Coord	X-Coord	ELEVATION
BM15	-9606.213	3768116.199	190.011
STEEL PEGS IN PAVING			
BM16	-9544.829	3768196.667	196.018
BM15 IS 12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE			

HILI STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-9581.884	3768142.266	
BCC1	8.377	-9575.839	3768148.066	
PI1	14.971	-9571.082	3768152.631	50.000
ECC1	21.489	-9567.670	3768158.274	
BCC2	52.427	-9551.664	3768194.749	
PI2	56.429	-9549.594	3768198.174	30.000
ECC2	60.384	-9548.494	3768192.022	
END	73.677	-9544.839	3768204.803	



CHAINAGE 0		2.00% -2.00%			
DATUM 194					
FINISHED		195.275	195.274	195.204	195.174
GROUND		195.208	195.208	195.204	195.220
OFFSET		-1.986	-1.500	0.000	1.500

CHAINAGE 30		2.00% -2.00%			
DATUM 194					
FINISHED		195.886	195.882	195.822	195.711
GROUND		195.752	195.752	195.709	195.709
OFFSET		-2.026	-1.500	0.000	2.671

CHAINAGE 60		2.00% -2.00%			
DATUM 194					
FINISHED		196.054	196.017	195.987	195.957
GROUND		196.027	196.027	195.983	195.917
OFFSET		-2.013	-1.500	0.000	1.500

CHAINAGE 10		2.00% -2.00%			
DATUM 194					
FINISHED		195.620	195.590	195.560	195.560
GROUND		195.675	195.586	195.631	195.560
OFFSET		-1.500	0.000	1.500	

CHAINAGE 40		2.00% -2.00%			
DATUM 194					
FINISHED		195.900	195.907	195.877	195.734
GROUND		195.846	195.846	195.779	195.779
OFFSET		-2.191	-1.500	0.000	2.800

CHAINAGE 70		2.00% -2.00%			
DATUM 194					
FINISHED		196.072	196.042	196.012	196.012
GROUND		196.128	196.081	196.072	196.072
OFFSET		-1.500	0.000	1.500	

CHAINAGE 20		2.00% -2.00%			
DATUM 194					
FINISHED		195.646	195.796	195.796	195.796
GROUND		195.677	195.677	195.654	195.661
OFFSET		-1.963	-1.500	0.000	1.500

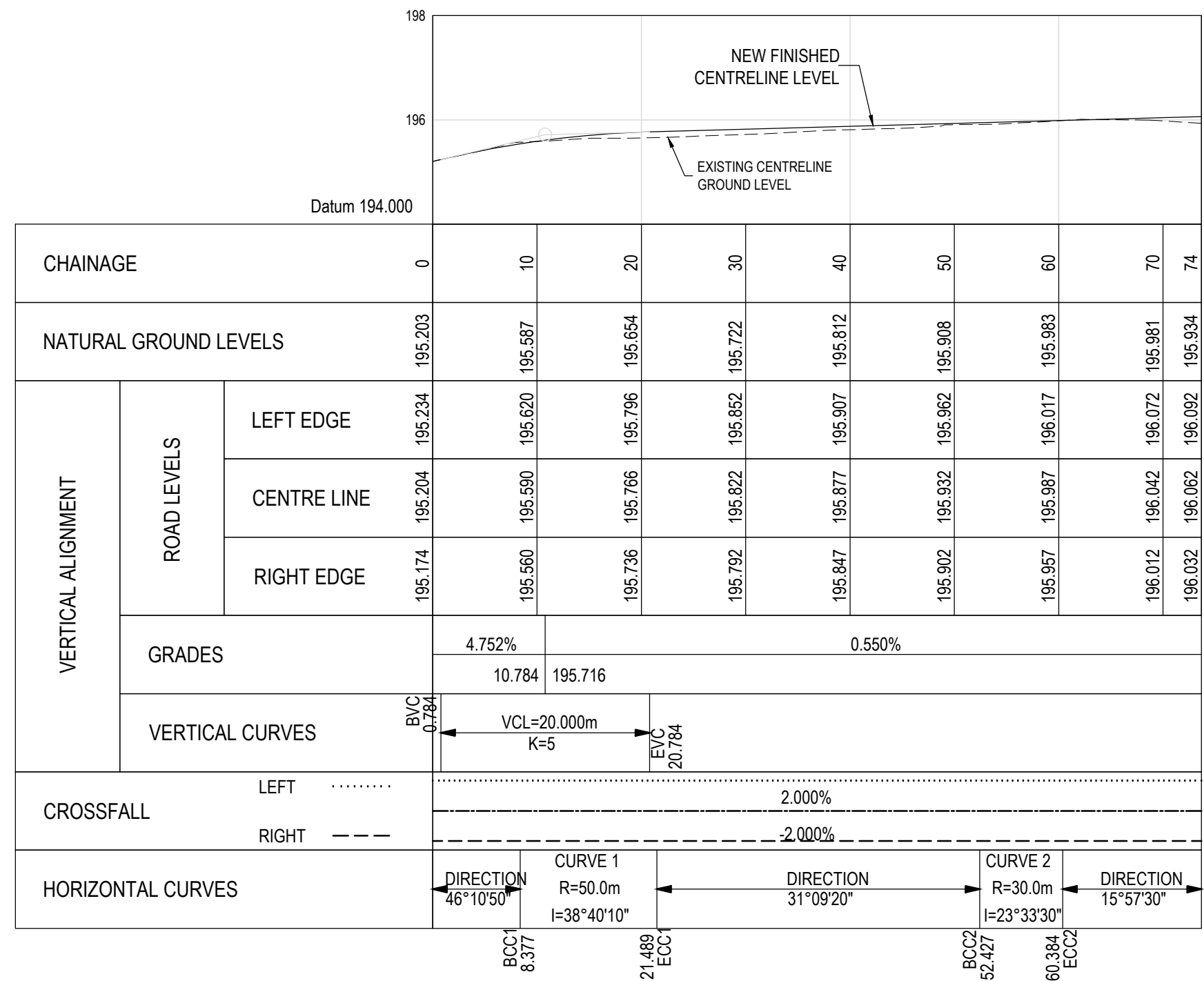
CHAINAGE 50		2.00% -2.00%			
DATUM 194					
FINISHED		195.926	195.982	195.922	195.761
GROUND		195.929	195.929	195.846	195.846
OFFSET		-1.867	-1.500	0.000	2.913

CHAINAGE 74		2.00% -2.00%			
DATUM 194					
FINISHED		196.129	196.092	196.062	196.032
GROUND		196.050	196.050	196.034	196.074
OFFSET		-2.015	-1.500	0.000	1.500

CROSS-SECTION : HILI STREET (CH 0 TO CH 74)

VERTICAL SCALE 1:100
HORIZONTAL SCALE 1:100

TENDER



REV.	BY	DESCRIPTION	DATE
2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024

RCS/501-504 TYPICAL DETAILS

DRG No.

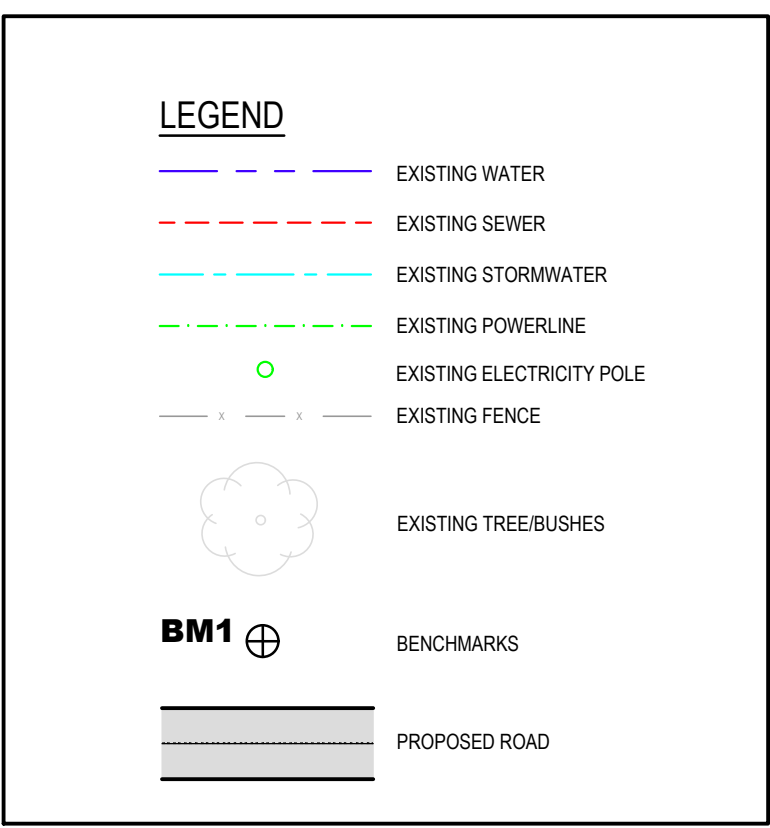
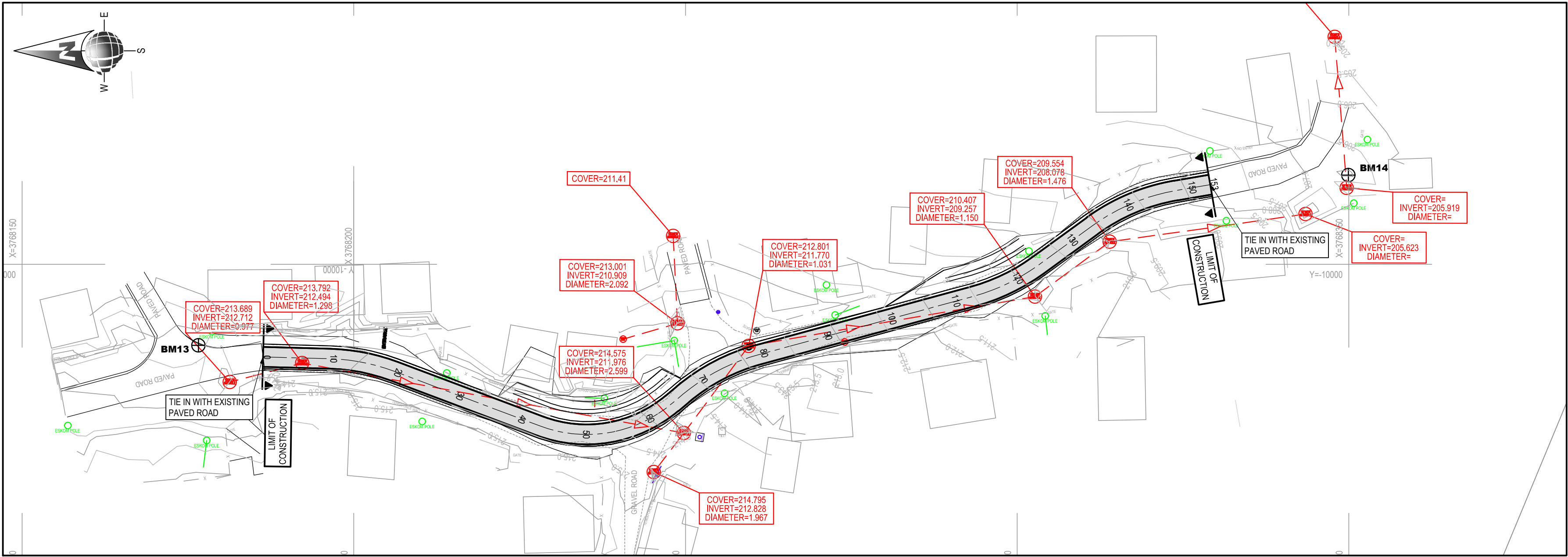
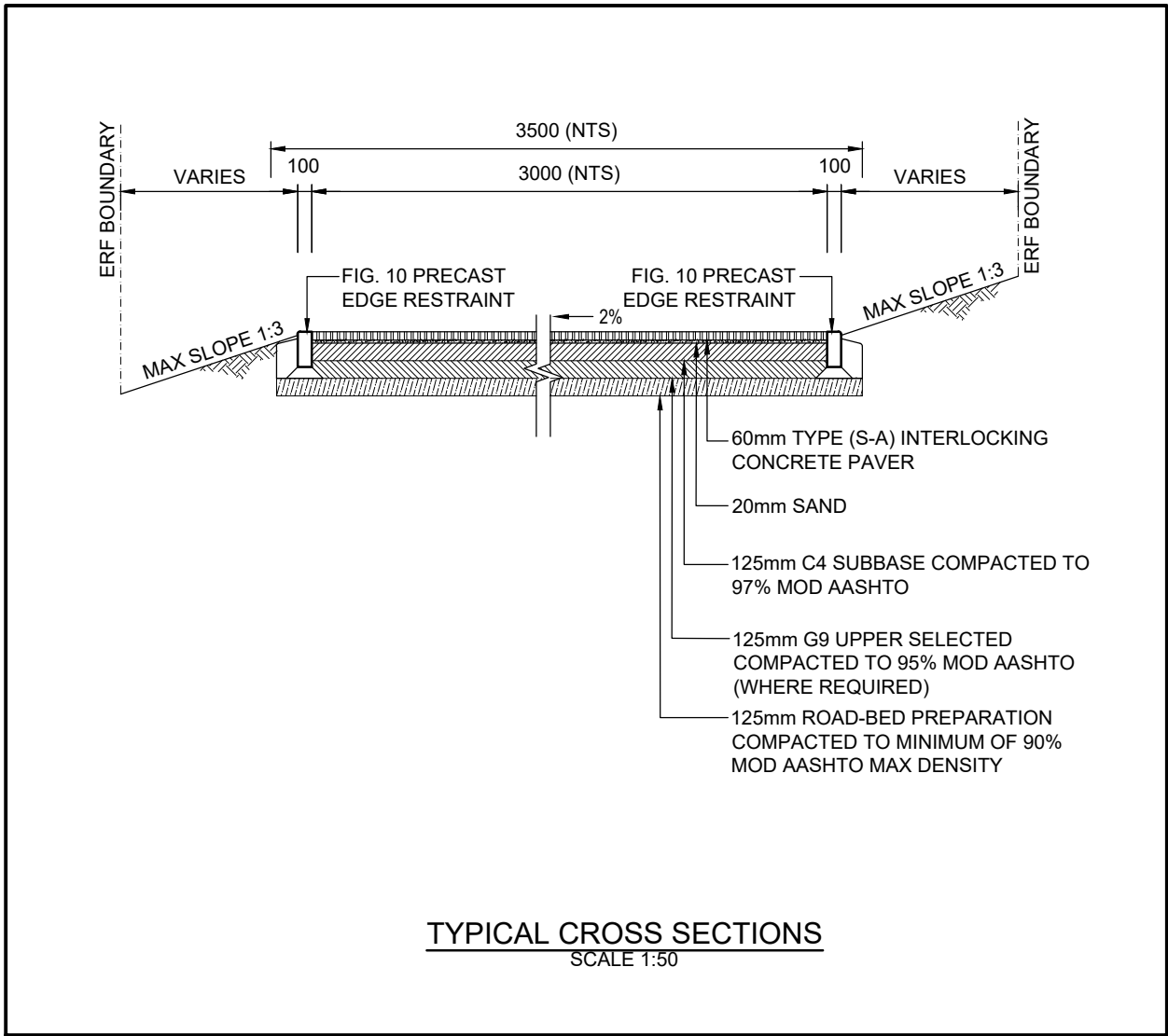
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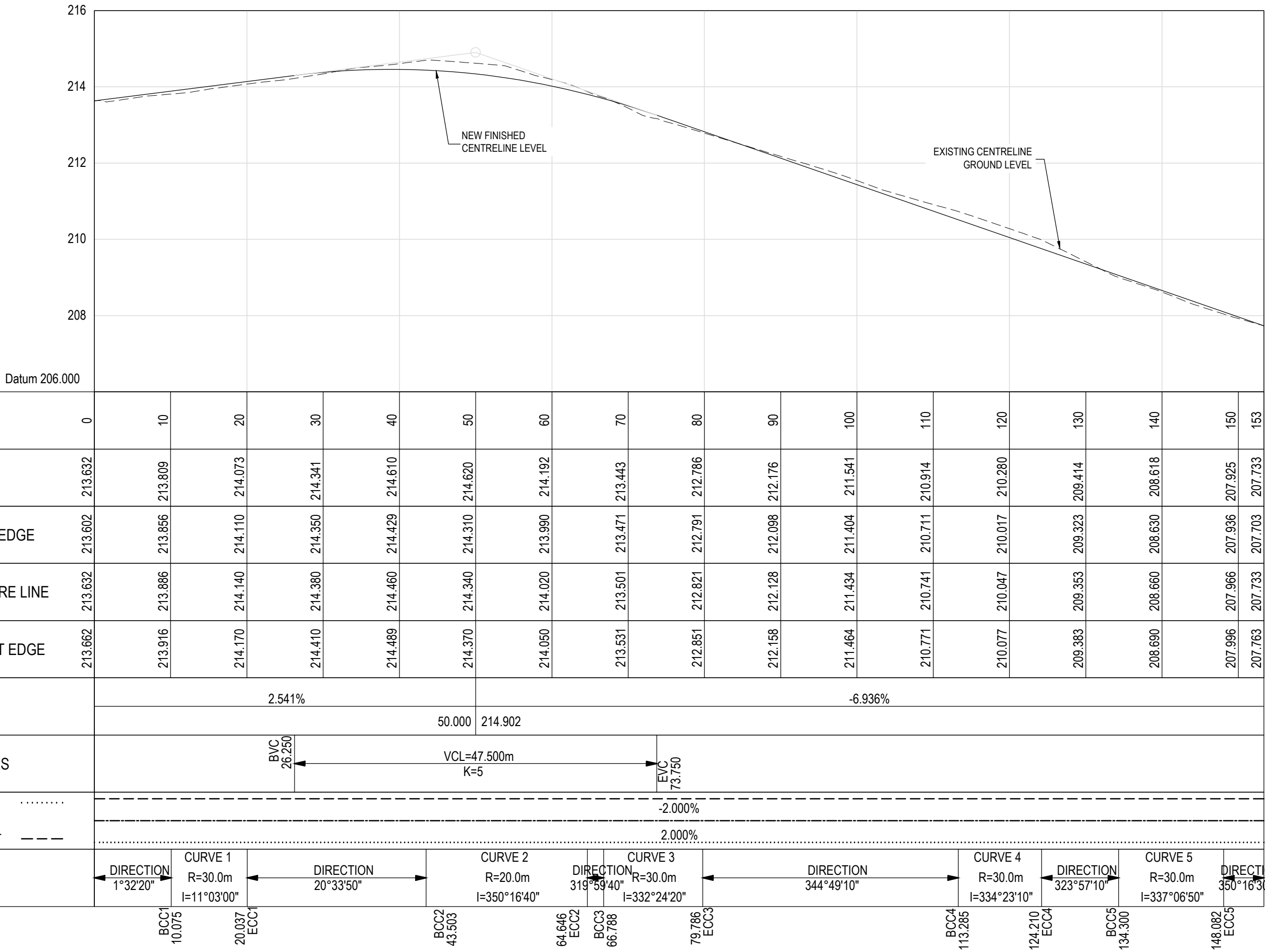


DRAWN	ON/ZT		
CIVIL ENGINEER	JB	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER	N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER	AN

KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3)			
HILI STREET DAM SE BOS			
ROAD PLAN AND LONG SECTION (CH 0 TO CH 74)			
SCALE	AS SHOWN	DATE	JAN 2024
DRAWING NUMBER	8040/001/RLS/413	SIZE	A1
REVISION			2



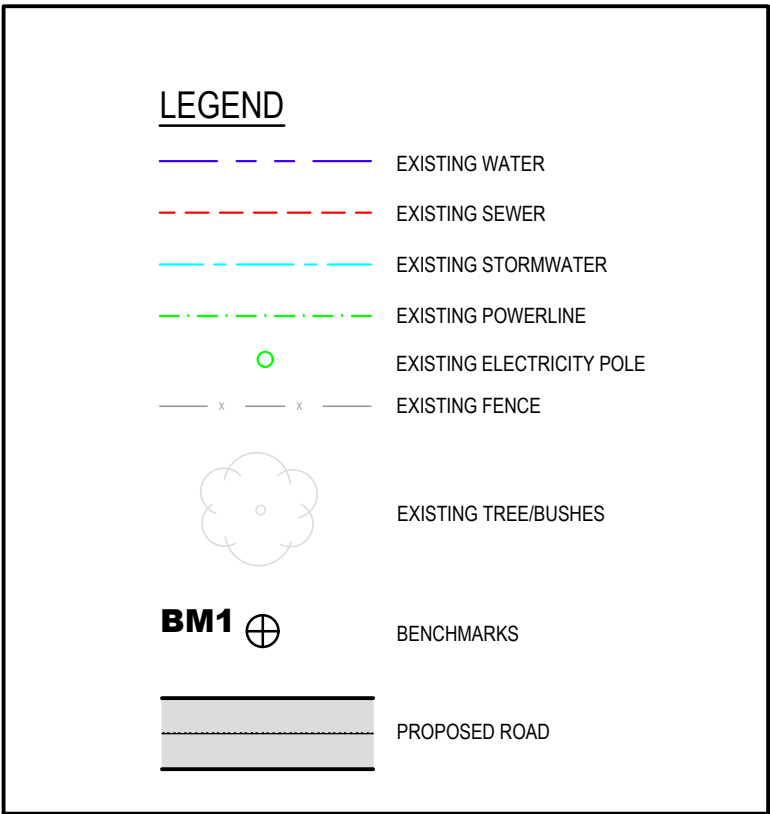
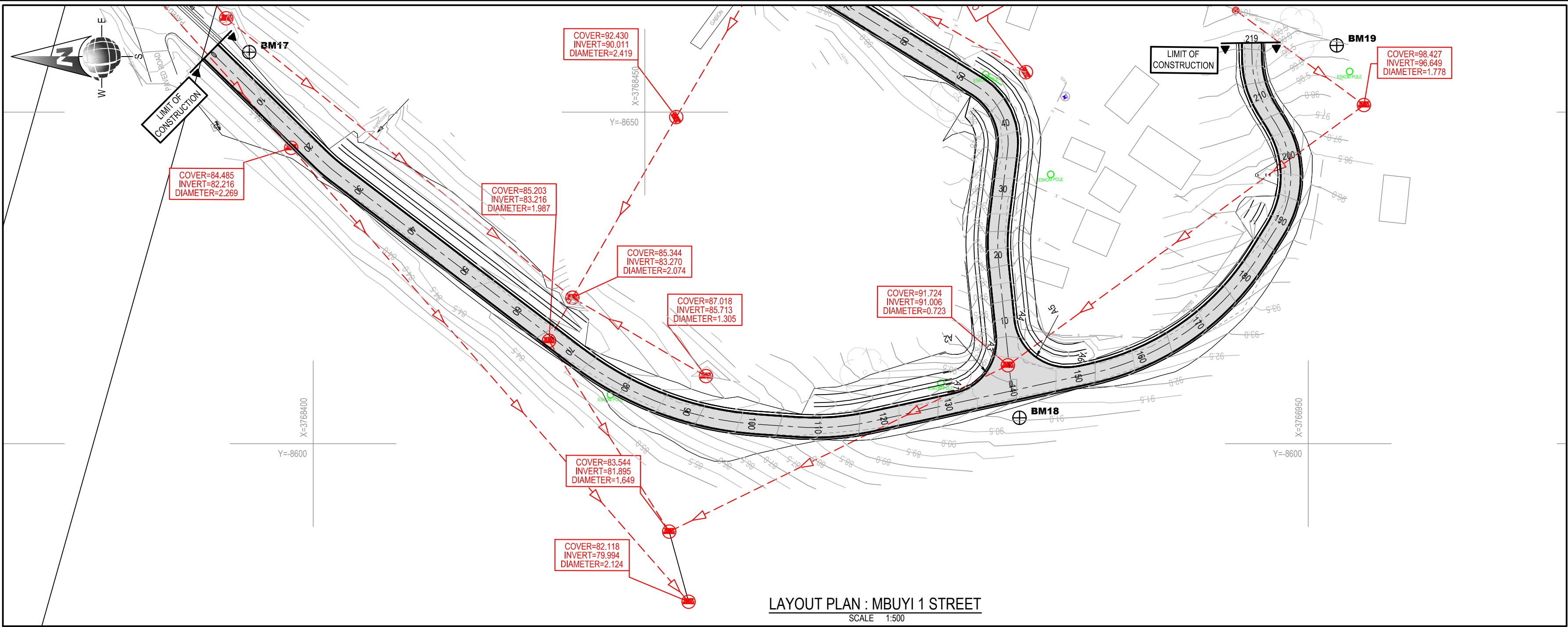
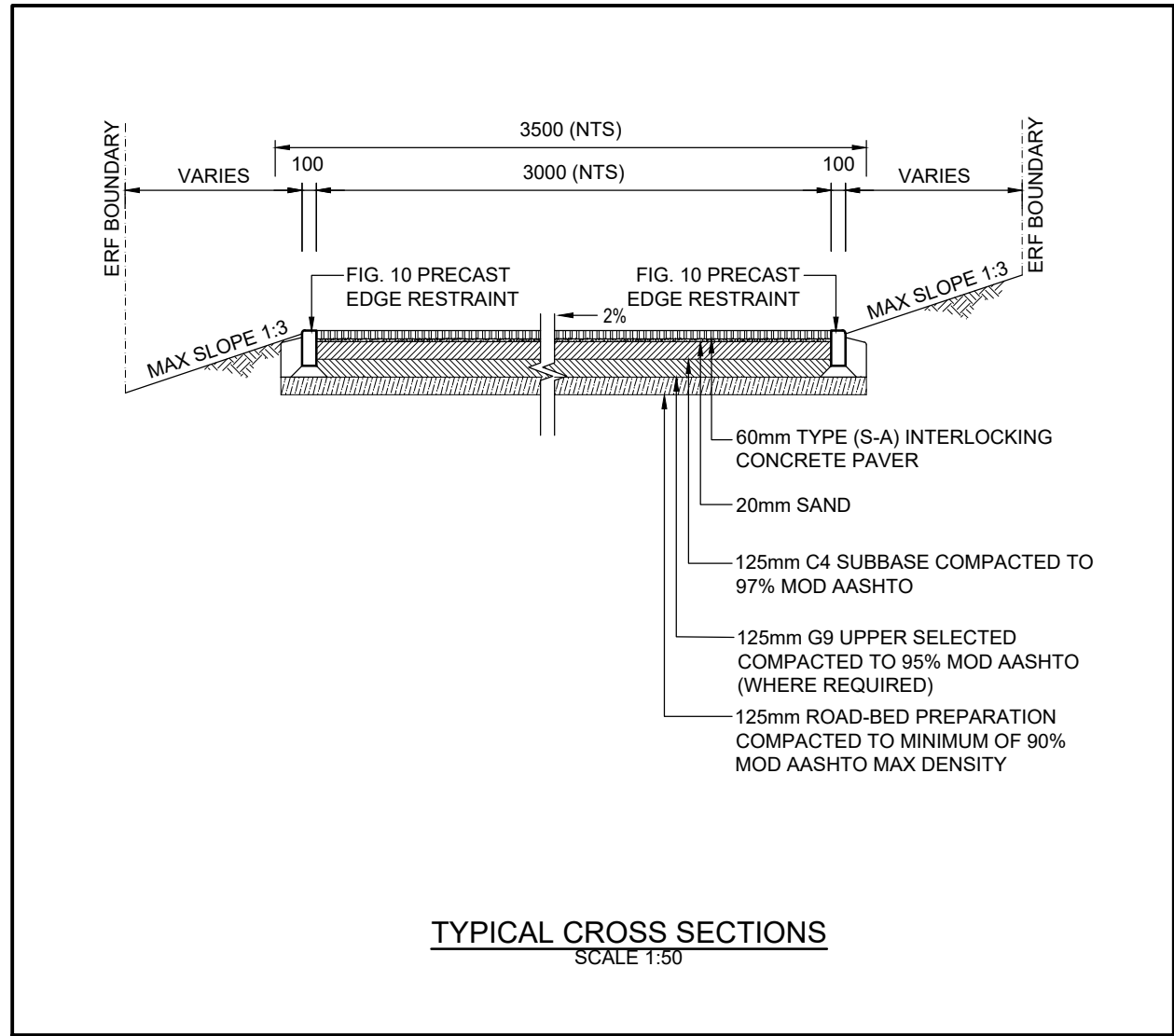
MAMA KOTI 2 STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-9986.052	3768186.320	
BCC1	10.075	-9985.782	3768196.391	
PI1	15.102	-9985.647	3768201.416	30.000
ECC1	20.037	-9983.881	3768206.123	
BCC2	43.503	-9975.639	3768228.094	
PI2	55.183	-9971.536	3768239.030	20.000
ECC2	64.646	-9979.045	3768247.977	
BCC3	66.788	-9980.422	3768249.617	
PI3	73.391	-9984.667	3768254.675	30.000
ECC3	79.786	-9986.396	3768261.047	
BCC4	113.285	-9995.168	3768293.377	
PI4	116.808	-9996.615	3768296.708	30.000
ECC4	124.210	-9999.865	3768303.174	
BCC5	134.300	-10005.803	3768311.332	
PI5	141.315	-10009.930	3768317.004	30.000
ECC5	148.082	-10011.115	3768323.918	
END	153.355	-10012.006	3768329.115	



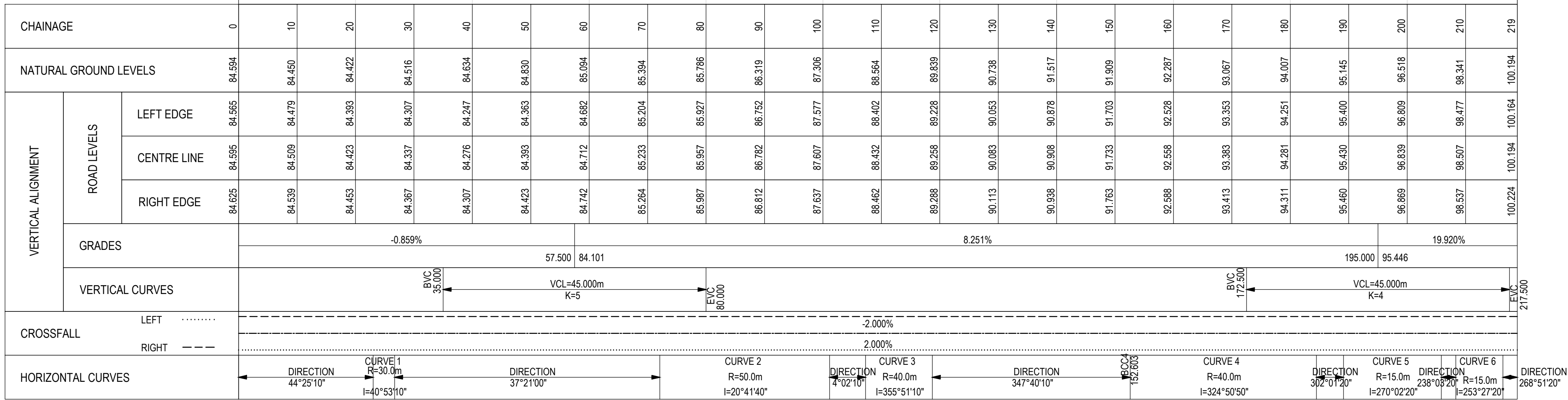
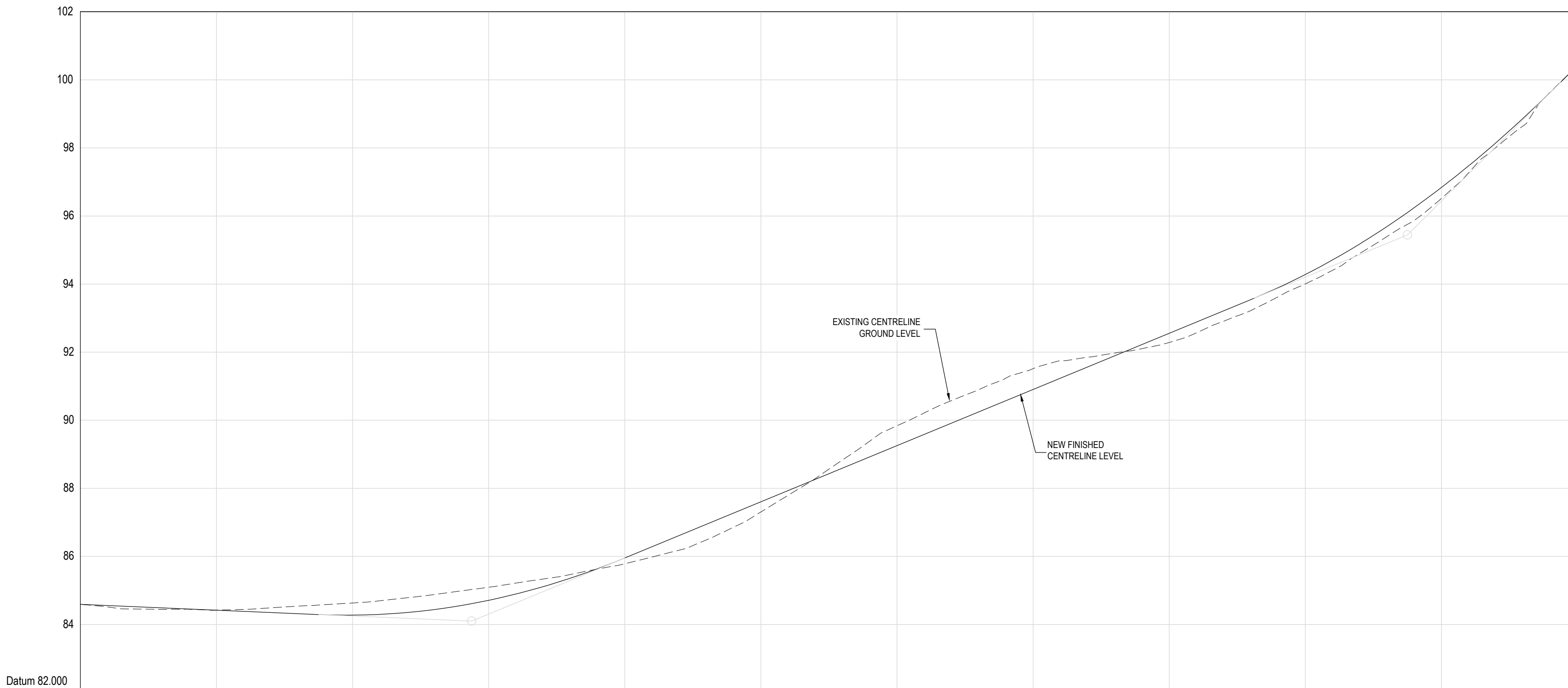
LONG SECTION : MAMA KOTI 2 STREET
VERTICAL SCALE 1:100
HORIZONTAL SCALE 1:500

TENDER

BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/L023			
CODE	Y-Coord	X-Coord	ELEVATION
BM13	-9987.796	3768176.586	213.383
STEEL PEGS IN PAVING			
BM14	-10013.450	3768349.933	207.093
BM14 IS 12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE			
0mm 20mm 40mm 60mm 80mm 100mm			
DO NOT SCALE THIS DRAWING - PLAN ONLY TRACKS			
2	FOR TENDER		OCT 2025
1	FOR INTERNAL REVIEW		JAN 2024
REV.	BY	DESCRIPTION	DATE
RCS/501-504 TYPICAL SECTION			
RCS/415 ROAD CROSS-SECTION			
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DRAWN	ON/ZT		
CIVIL ENGINEER	JB	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER	N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER	AN
KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3) MAMA KOTI STREET DAM SE BOS ROAD PLAN & CROSS SECTION (CH 0 TO CH 153)			
SCALE AS SHOWN		DATE JAN 2024	
DRAWING NUMBER 8040/001/RLS/415		SIZE A1	REVISION 2



MBUYI 1 STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-8659.139	3768384.569	
BCC1	23.011	-8643.034	3768401.004	
PI1	24.863	-8641.737	3768402.327	30.000
ECC1	26.712	-8640.613	3768403.800	
BCC2	72.078	-8613.089	3768439.864	
PI2	87.038	-8604.013	3768451.796	50.000
ECC2	101.150	-8602.959	3768456.678	
BCC3	107.299	-8602.527	3768472.812	
PI3	113.051	-8602.122	3768478.550	40.000
ECC3	118.725	-8603.350	3768484.170	
BCC4	152.603	-8610.584	3768517.266	
PI4	169.437	-8614.179	3768533.711	40.000
ECC4	184.470	-8628.451	3768542.837	
BCC5	189.105	-8632.380	3768545.095	
PI5	198.472	-8640.322	3768550.062	15.000
ECC5	205.851	-8648.271	3768545.106	
BCC6	208.324	-8650.369	3768543.797	
PI6	212.456	-8653.875	3768541.612	15.000
ECC6	216.387	-8658.006	3768541.529	
END	218.837	-8660.455	3768541.480	



LONG SECTION : MBUYI 1 STREET

VERTICAL SCALE 1:100

HORIZONTAL SCALE 1:500

BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/L023			
CODE	Y-Coord	X-Coord	ELEVATION
BM17	-8659.0450	3768390.3670	84.8350
BM18	-8603.8980	3768506.4780	91.1170
BM19	-8660.063	3768554.293	99.329
ALL BENCHMARKS ARE 12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE			



REV.	BY	DESCRIPTION	DATE
2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024
RCS/501-504 TYPICAL SECTION			
RCS/416 ROAD CROSS-SECTION			
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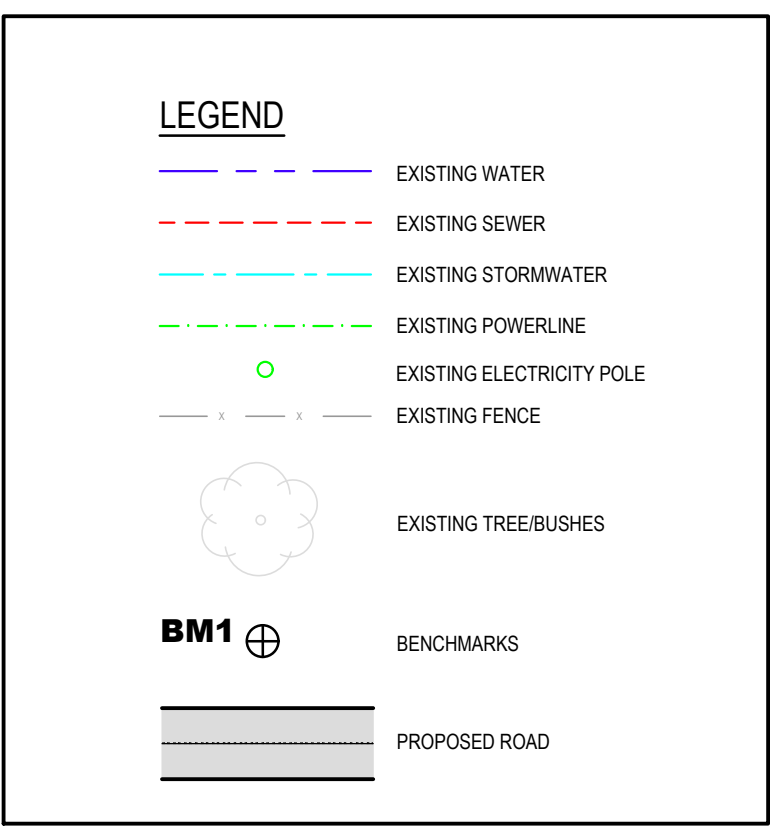
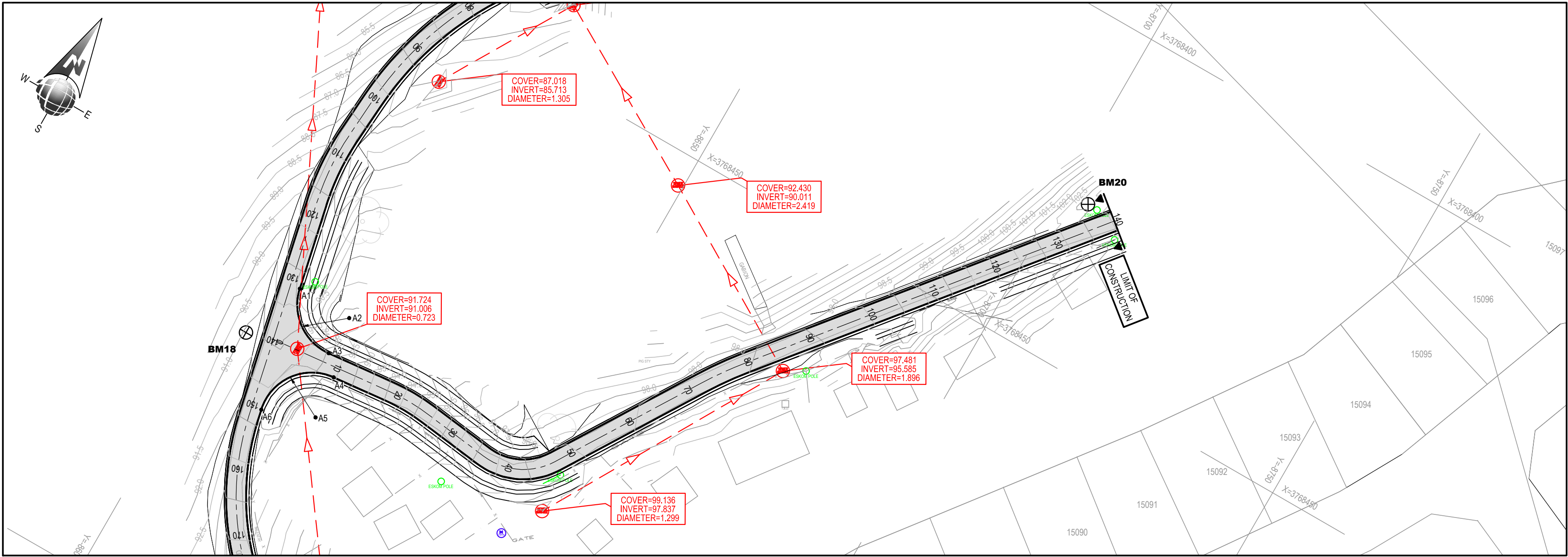
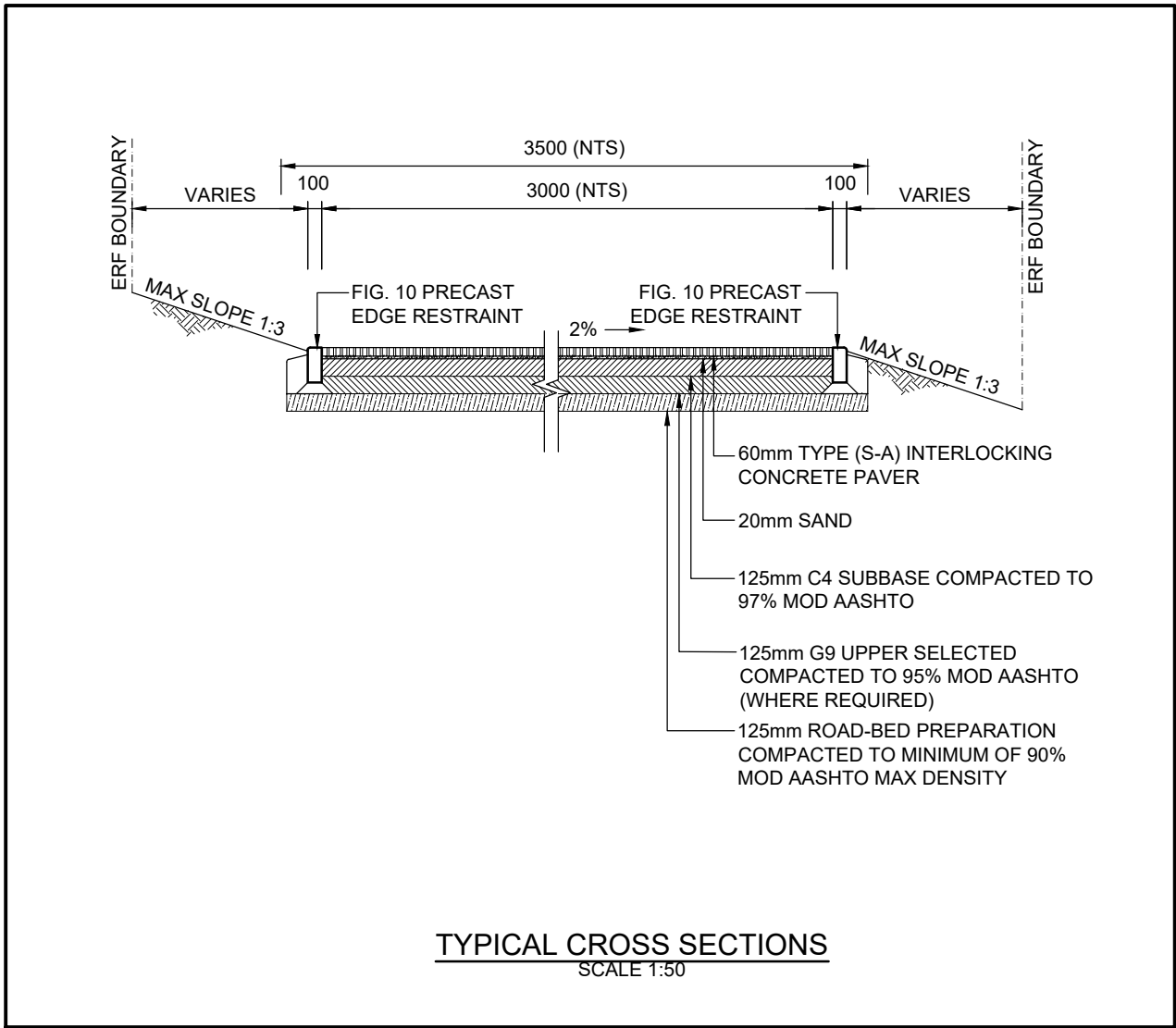
P.O. BOX 20158
GREENACRES, P.E. 6057
BLOCK 1, FIRST FLOOR,
GREENACRES OFFICE PARK
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e-mail: mail@boschprojects.co.za
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DRAWN	ON/ZT	
CIVIL ENGINEER	JB	STRUCTURAL ENGINEER N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER AN

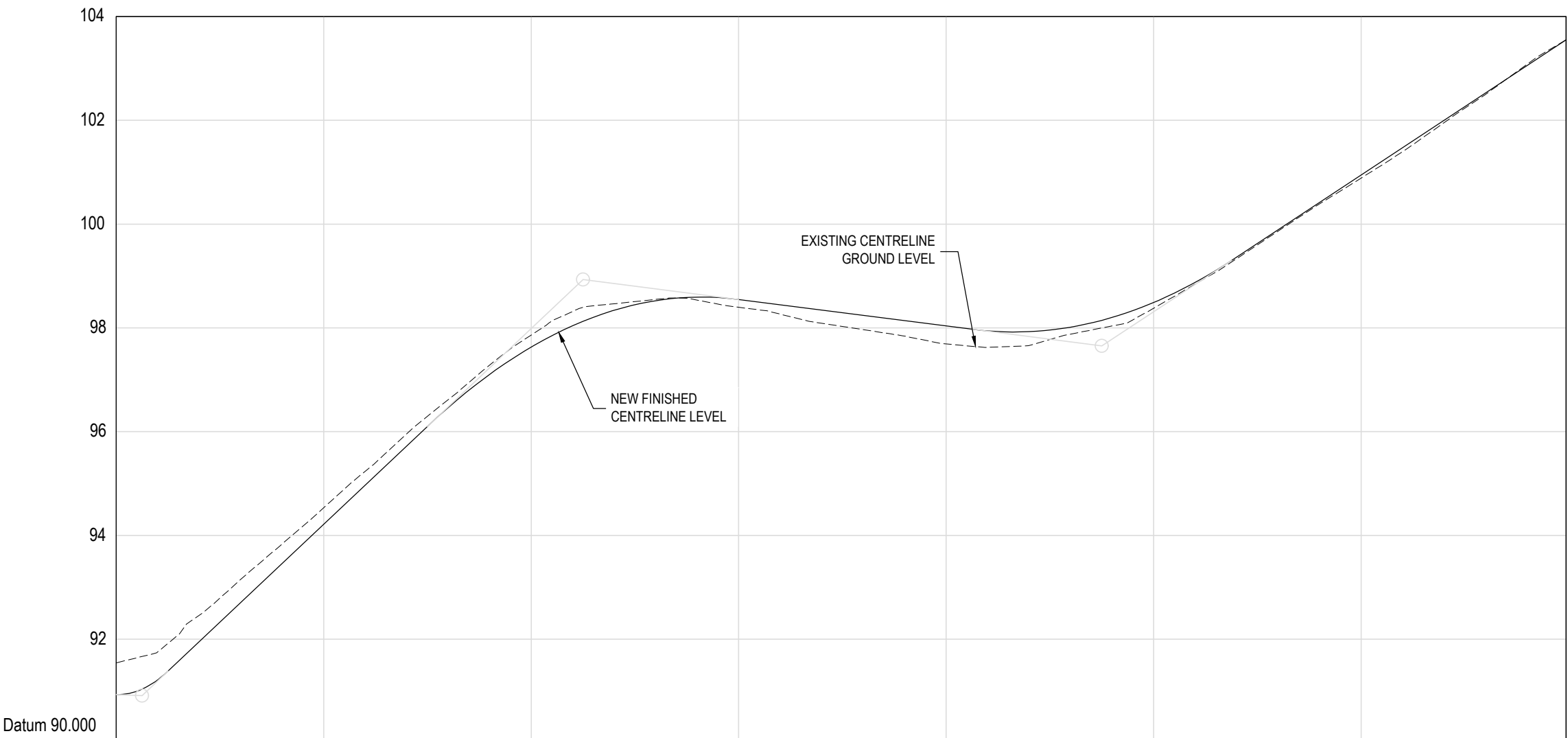
KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3)		
MBUYI 1 STREET DAM SE BOS		
ROAD PLAN & CROSS SECTION (CH 0 TO CH 219)		
SCALE	AS SHOWN	DATE JAN 2024
DRAWING NUMBER	8040/001/RLS/416	SIZE A1
REVISION	2	



INTERSECTION SETTING-OUT DETAILS

MBUYI STREET 2 INTERSECTION				
POINT	Y-Coord	X-Coord	ELEVATION	RADIUS
A1	-8618.712	3768505.711	92.422	
A2	-8609.793	3768506.620		8.000
A3	-8611.707	3768515.378	91.785	
A4	-8607.623	3768496.696	90.211	
A5	-8609.148	3768503.670		8.000
A6	-8616.250	3768502.946	92.072	

MBUYI 2 STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-8607.968	3768505.298	
BCC1	19.214	-8627.083	3768503.350	
PI1	22.568	-8630.420	3768503.010	30.000
ECC1	25.895	-8633.750	3768503.415	
BCC2	36.460	-8644.238	3768504.692	
PI2	42.847	-8650.578	3768505.464	10.000
ECC2	47.828	-8653.945	3768500.037	
BCC3	72.765	-8667.089	3768478.845	
PI3	76.522	-8669.070	3768475.652	60.000
ECC3	80.269	-8671.433	3768472.732	
END	139.752	-8708.848	3768426.490	



BENCHMARKS/SURVEY CONTROL

SYSTEM WGS84/L023

CODE	Y-Coord	X-Coord	ELEVATION
BM20	-8704.1670	3768426.2820	103.0200

ALL BENCHMARKS ARE 12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE



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REV.	BY	DESCRIPTION	DATE
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REV.	BY	DESCRIPTION	DATE
2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024

RCS/501-504	TYPICAL SECTION
RCS/417	ROAD CROSS-SECTION
DRG No.	REFERENCE DRAWING

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PORT ELIZABETH, 6045, RSA

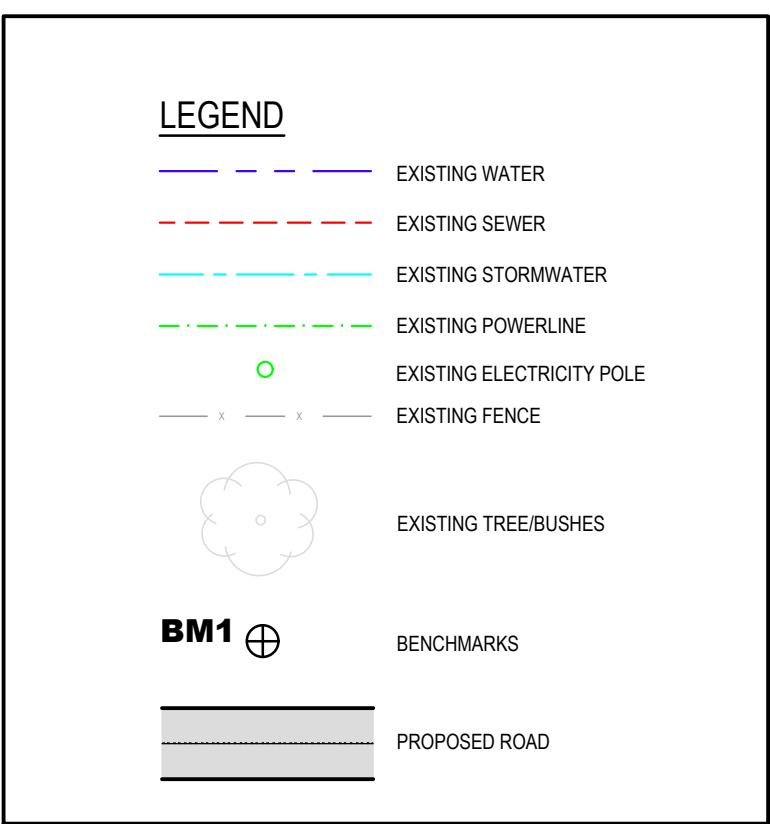
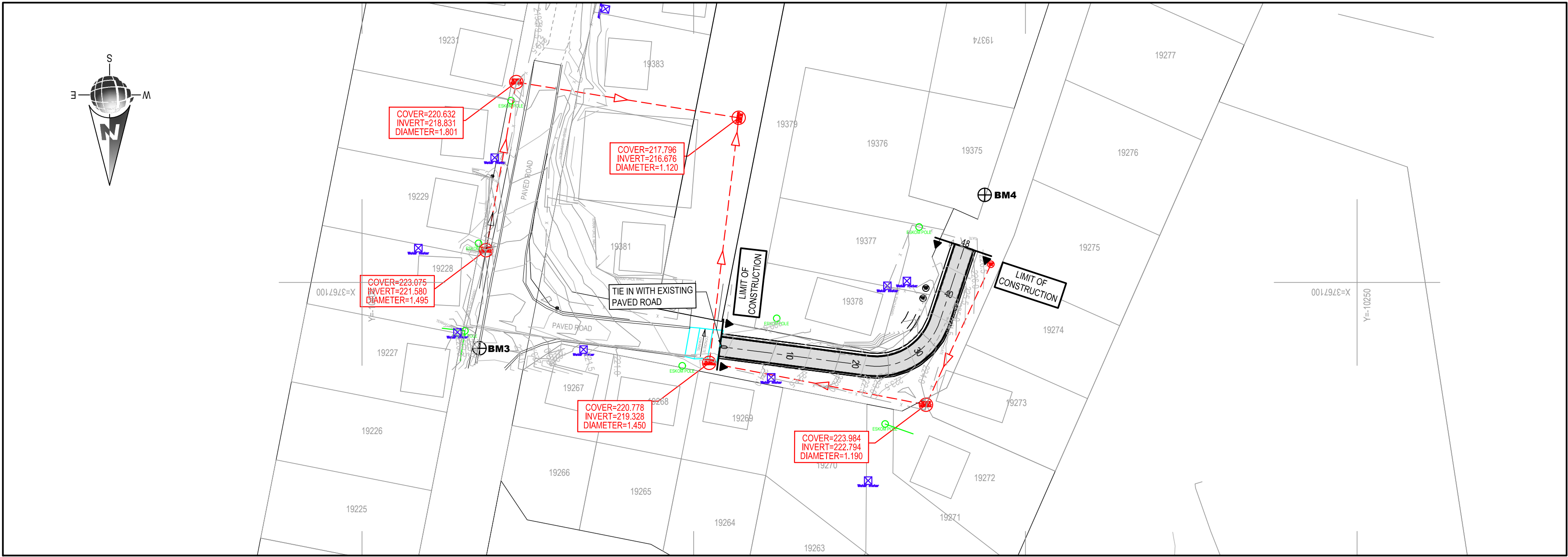
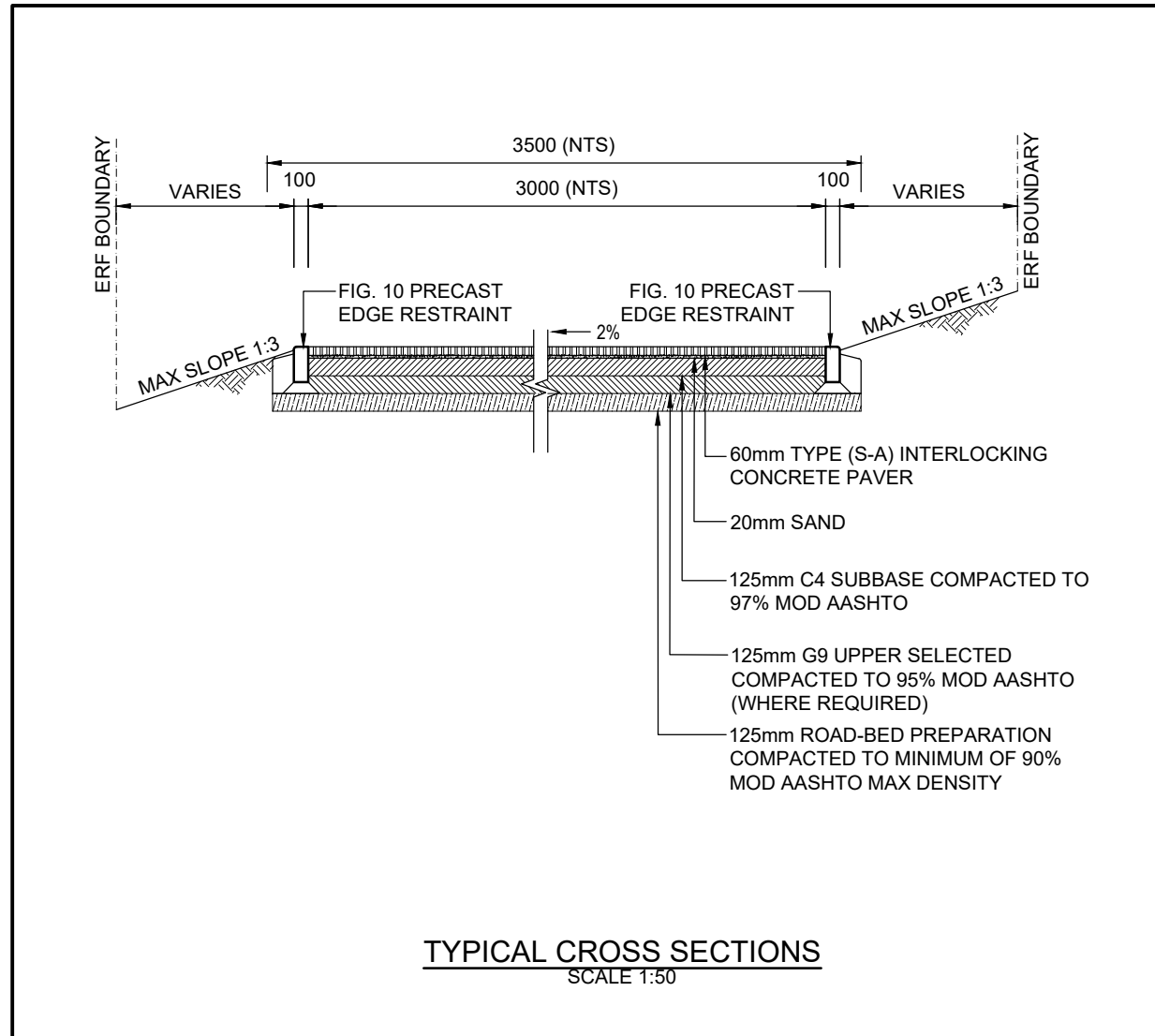
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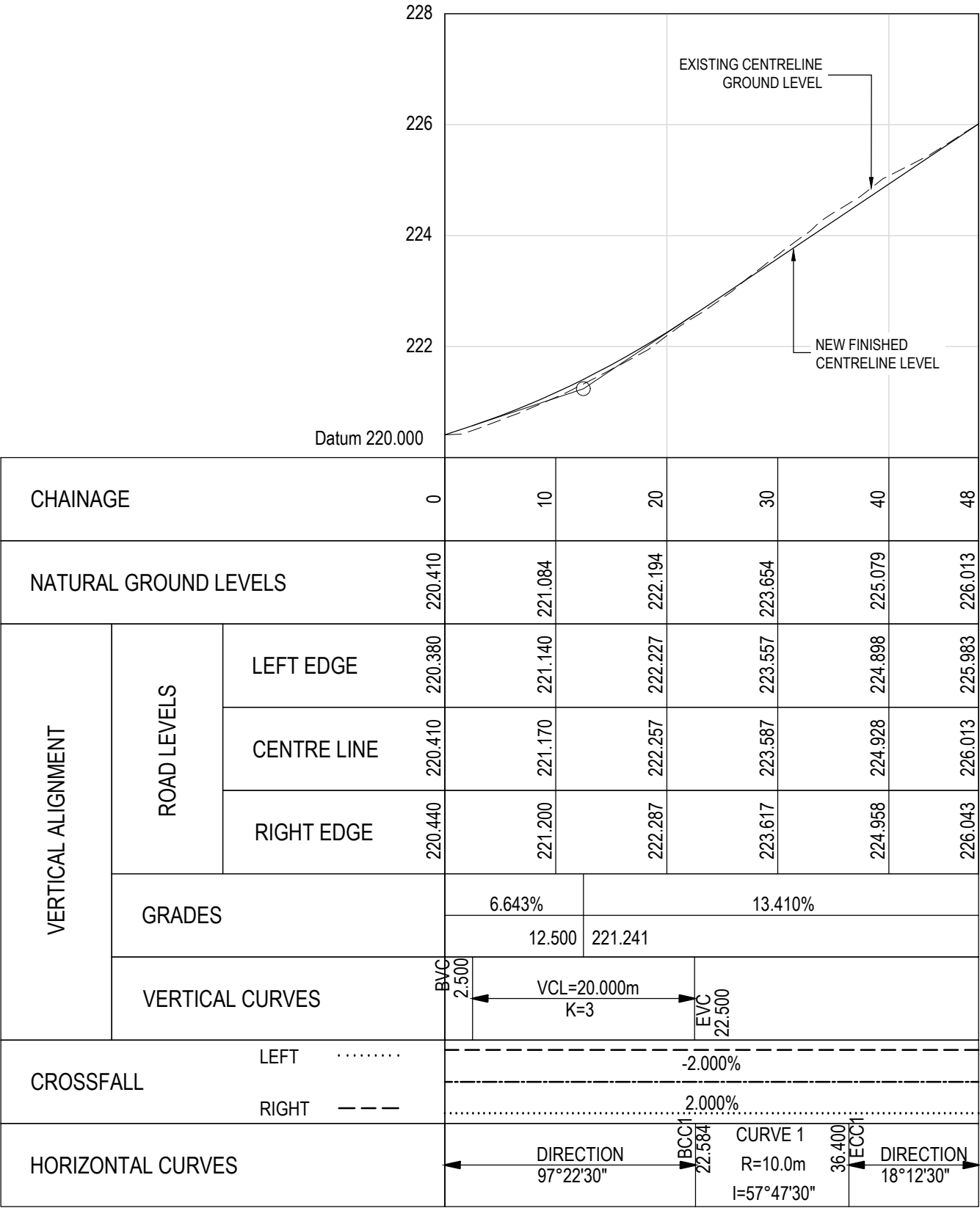
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CIVIL ENGINEER	JB	STRUCTURAL ENGINEER N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER AN

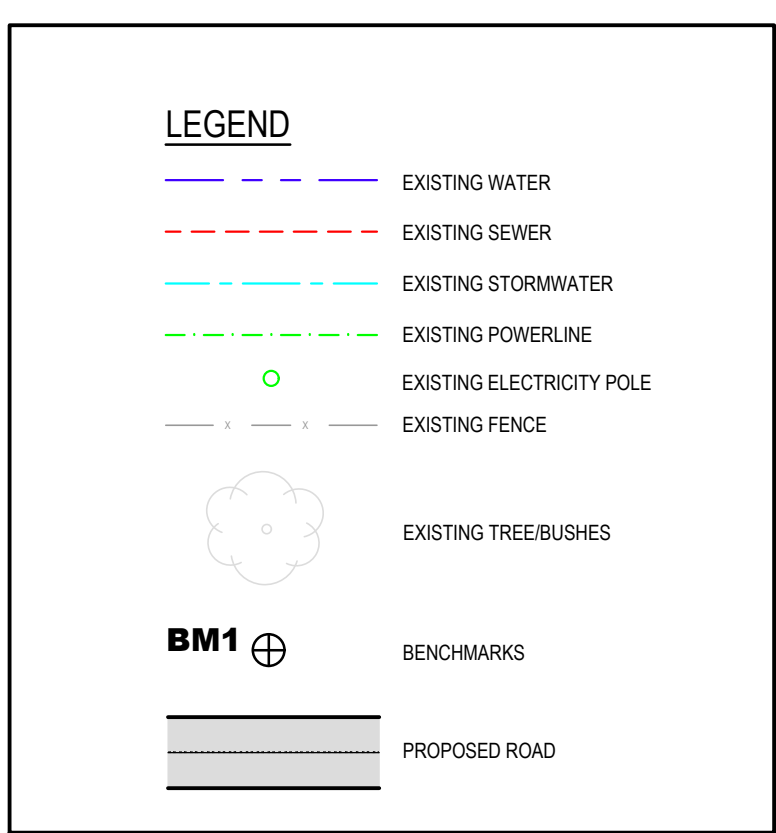
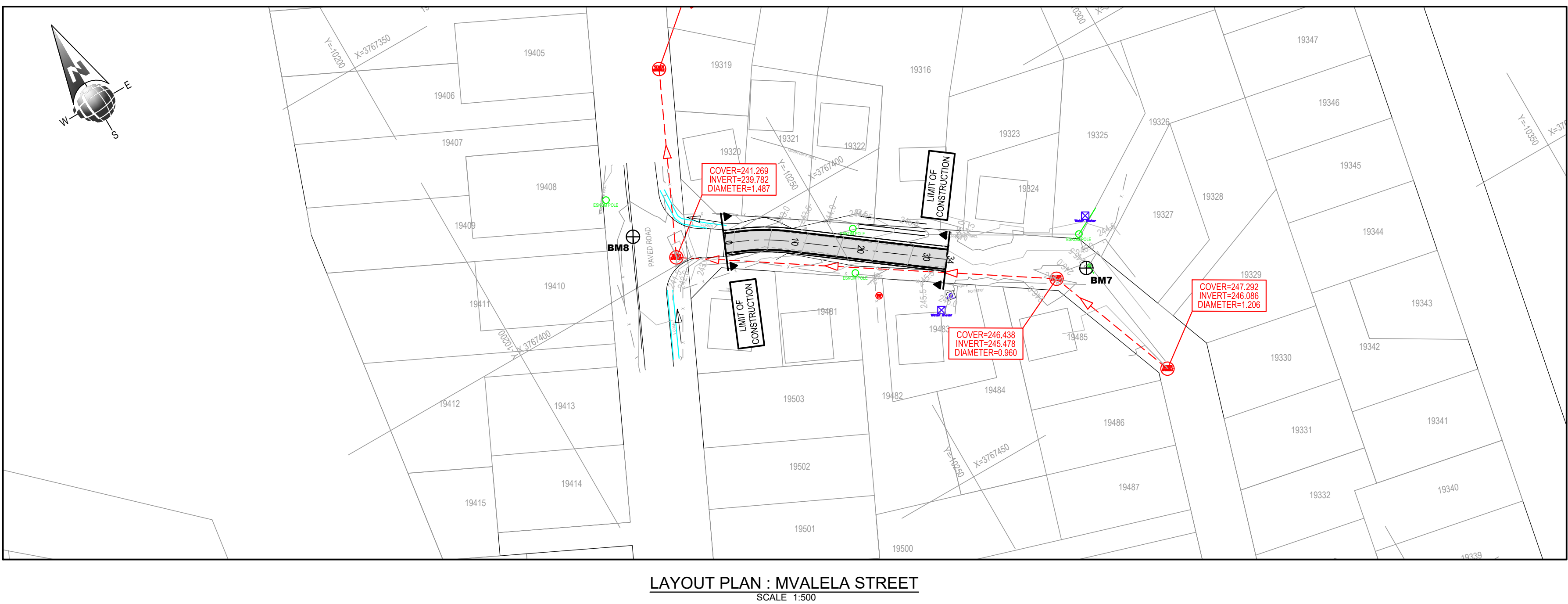
KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3)		
MBUYI 2 STREET DAM SE BOS		
ROAD PLAN & CROSS SECTION (CH 0 TO CH 140)		
SCALE AS SHOWN	DATE JAN 2024	
DRAWING NUMBER 8040/001/RLS/417	SIZE A1	REVISION 2

TENDER



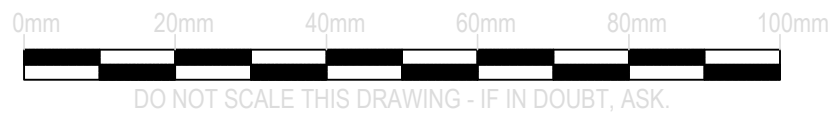
MHOSI STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-10346.051	3767090.344	
BCC1	22.584	-10323.654	3767087.44	
P11	30.851	-10315.455	3767086.363	10.000
ECC1	36.400	-10312.871	3767094.237	
END	48.086	-10309.220	3767105.337	





MVALELA STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
START	0	-10235.069	3767400.770	
BCC1	2.431	-10237.310	3767401.714	
PI1	6.051	-10240.646	3767403.119	30.000
ECC1	9.636	-10243.552	3767405.277	
END	33.650	-10262.831	3767419.594	

BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/L023			
CODE	Y-Coord	X-Coord	ELEVATION
BM7	-10280.4340	3767341.2460	246.0150
12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE			
BM8	-10223.608	3767392.959	246.015
STEEL PEGS IN PAVING			



2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024
REV.	BY	DESCRIPTION	DATE

RCS/501-504	TYPICAL SECTION
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TELEPHONE: (041) 383 0398
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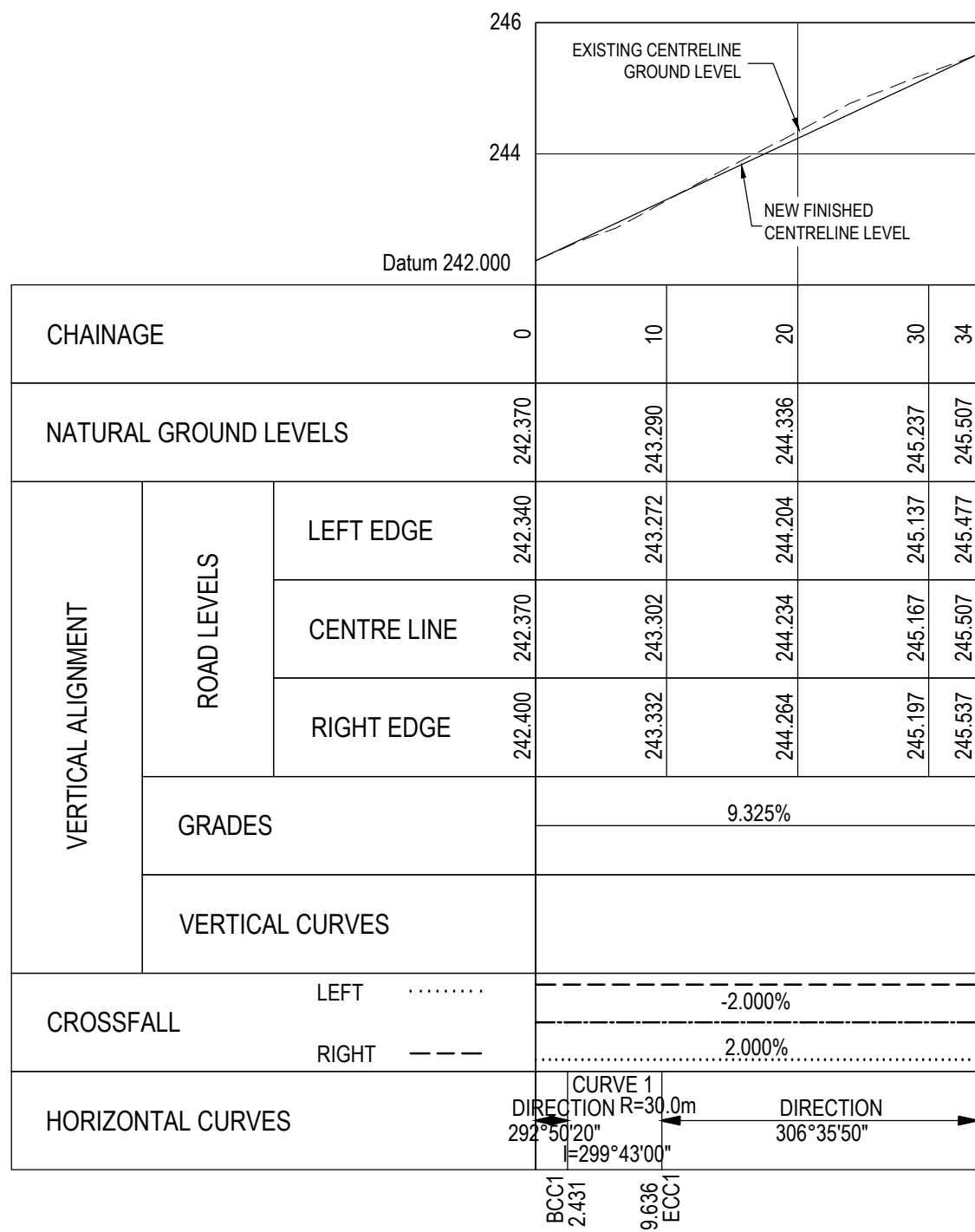


DRAWN	ON/ZT		
CIVIL ENGINEER	JB	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER	N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER	AN

KNYSNA MUNICIPALITY
SURFACING OF GRAVEL ROADS IN DAM-SE-BOS
(WARD 3)
MVALELA STREET
DAM SE BOS

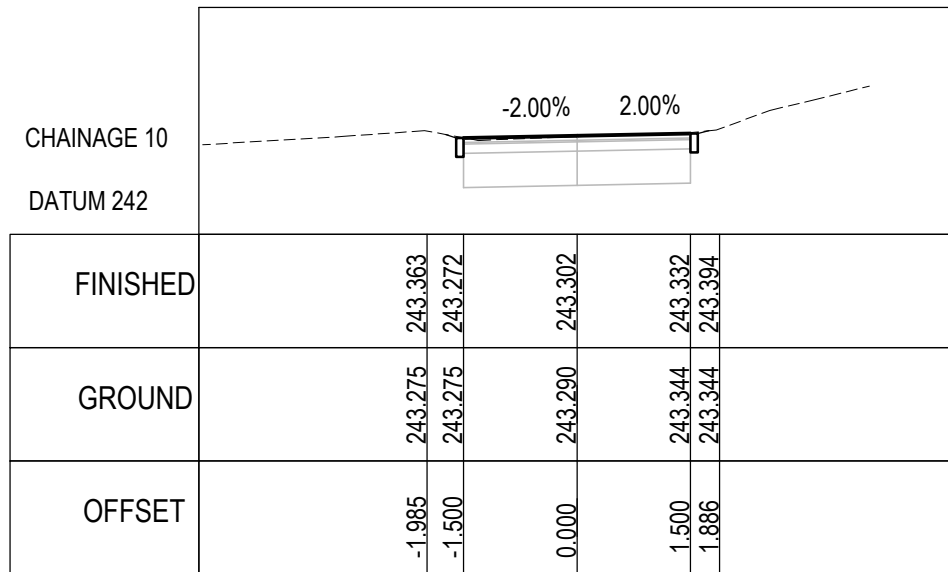
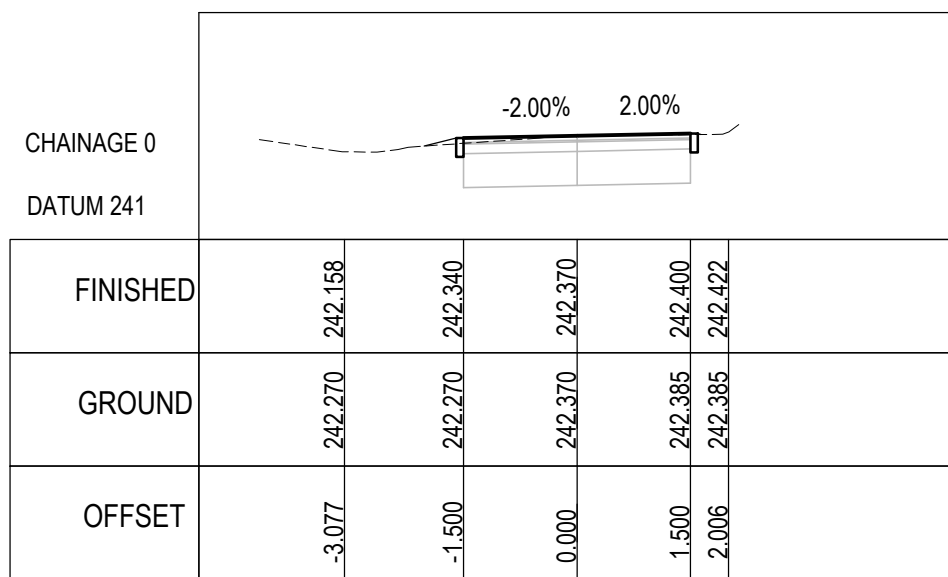
ROAD PLAN & CROSS SECTION (CH 0 TO CH 34)

SCALE AS SHOWN	DATE JAN 2024	
DRAWING NUMBER 8040/001/RLS/419	SIZE A1	REVISION 2

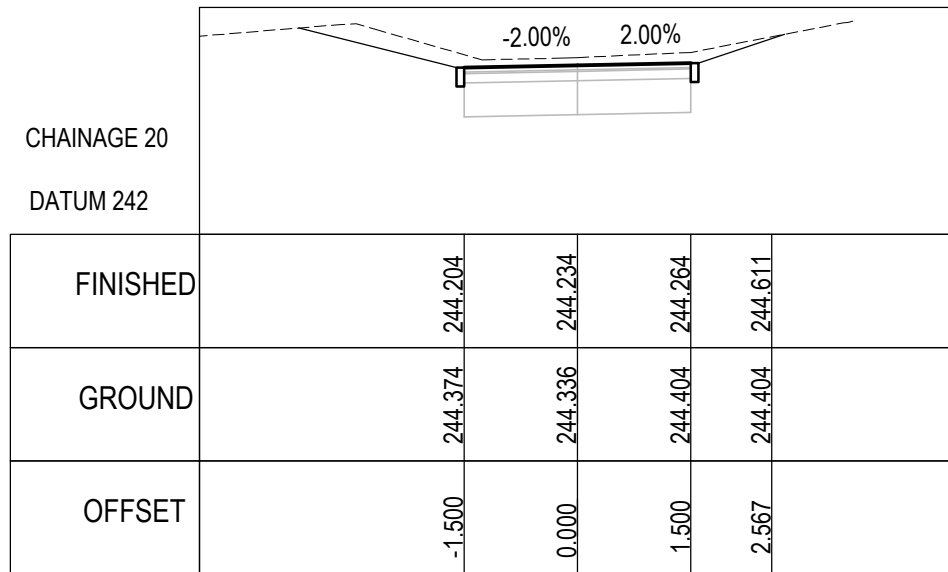
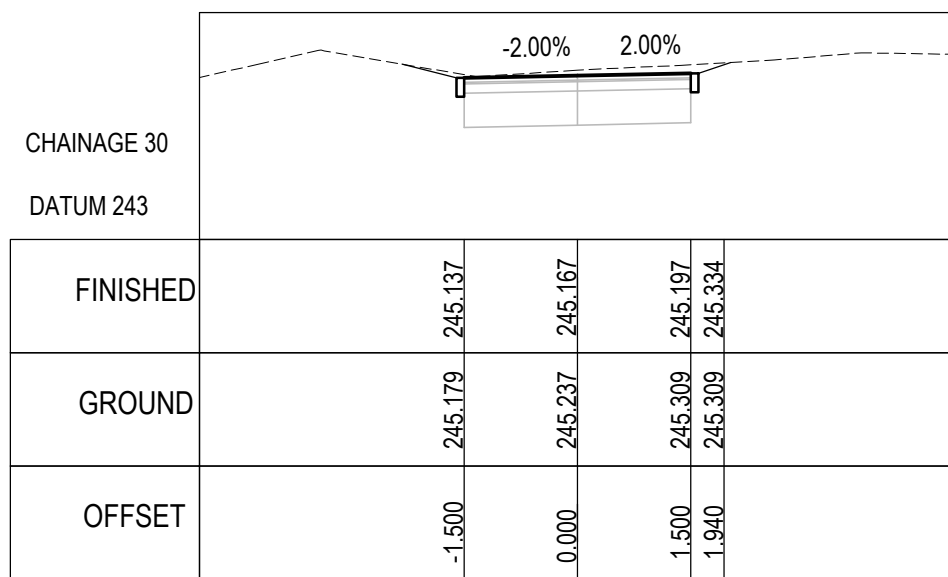
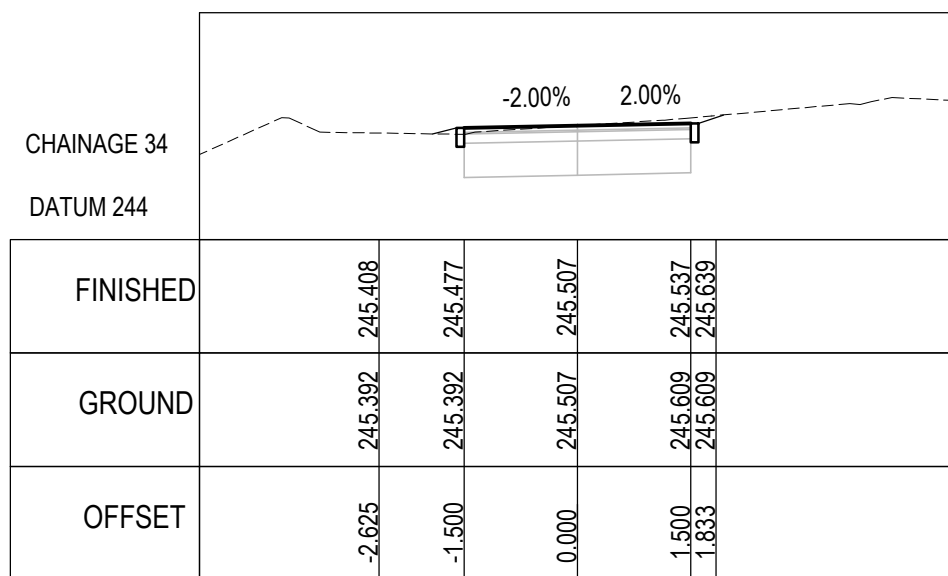


LONG SECTION : MVALELA STREET

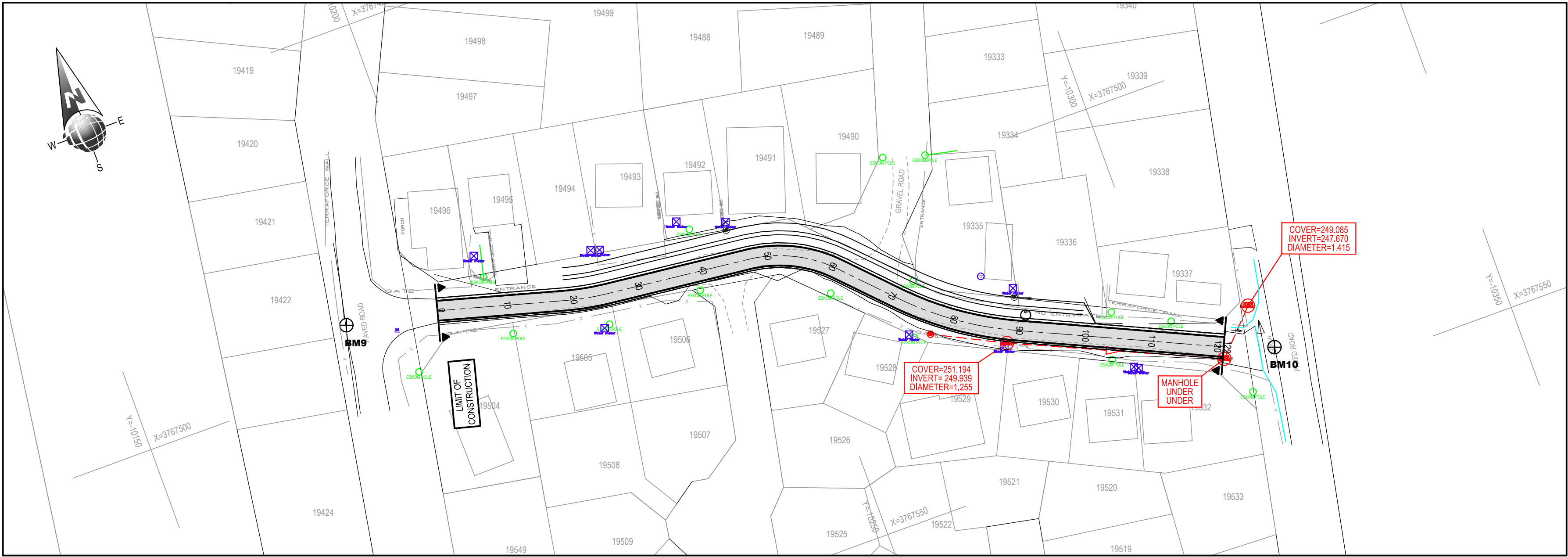
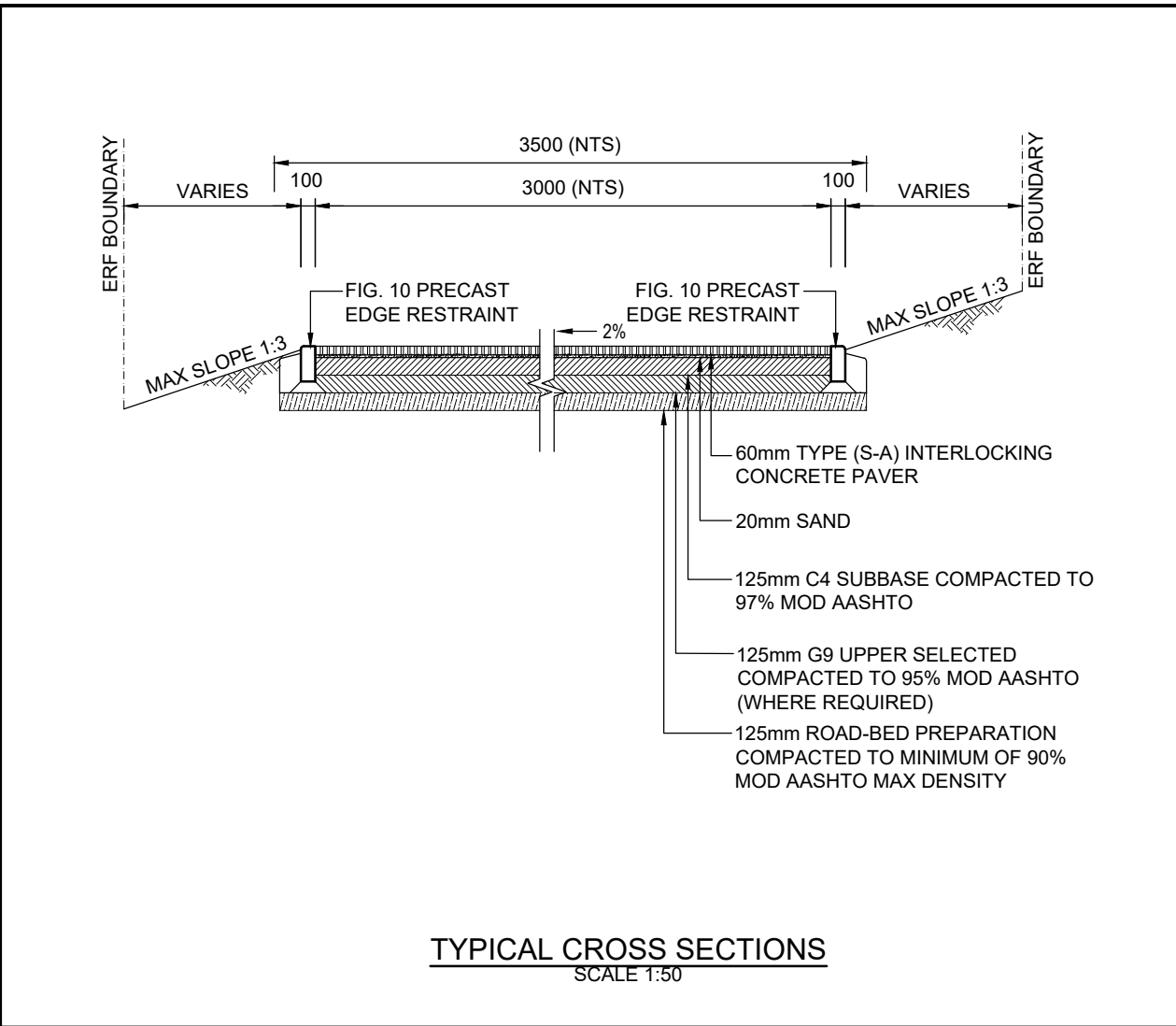
VERTICAL SCALE	1:100
HORIZONTAL SCALE	1:500



CROSS-SECTION : MVALELA STREET (CH 0 TO CH 34)

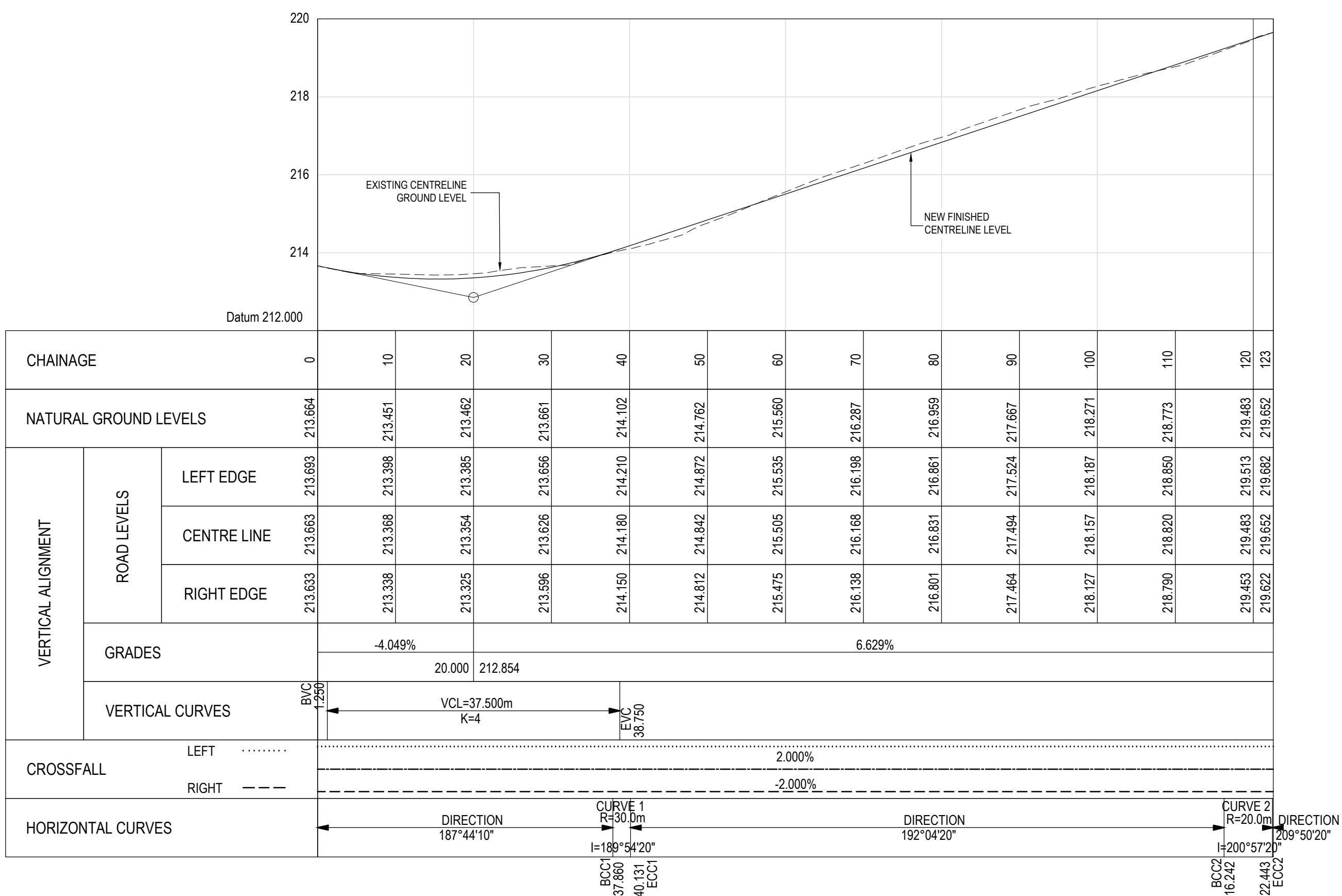


TENDER

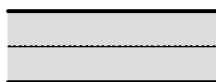




NAKKI STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-10348.363	3767253.144	
BCC1	37.860	-10353.460	3767215.628	
PI1	38.996	-10353.613	3767214.502	30.000
ECC1	40.131	-10353.650	3767213.392	
BCC2	116.242	-10369.770	3767138.964	
PI2	119.368	-10370.424	3767135.908	20.000
ECC2	122.443	-10371.979	3767133.196	
END	122.555	-10372.035	3767133.099	



LEGEND

	EXISTING WATER
	EXISTING SEWER
	EXISTING STORMWATER
	EXISTING POWERLINE
	EXISTING ELECTRICITY POLE
	EXISTING FENCE
	EXISTING TREE/BUSHES
BM1 	BENCHMARKS
	PROPOSED ROAD

BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/LQ23			
CODE	Y-Coord	X-Coord	ELEVATION
BM3	-10382.2730	3767090.0880	224.2082
STEEL PEGS IN PAVING			
BM4	-10306.1290	3767113.1920	226.8730
BM5	-10346.2670	3767233.7930	213.6790
BM6	-10307.538	3767215.251	216.853
12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE			



2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024
REV.	BY	DESCRIPTION	DATE

RCS/501-504	TYPICAL SECTION
RCS/421	ROAD CROSS- SECTION
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 2nd AVENUE, NEWTON PARK
 PORT ELIZABETH, 6045, RSA

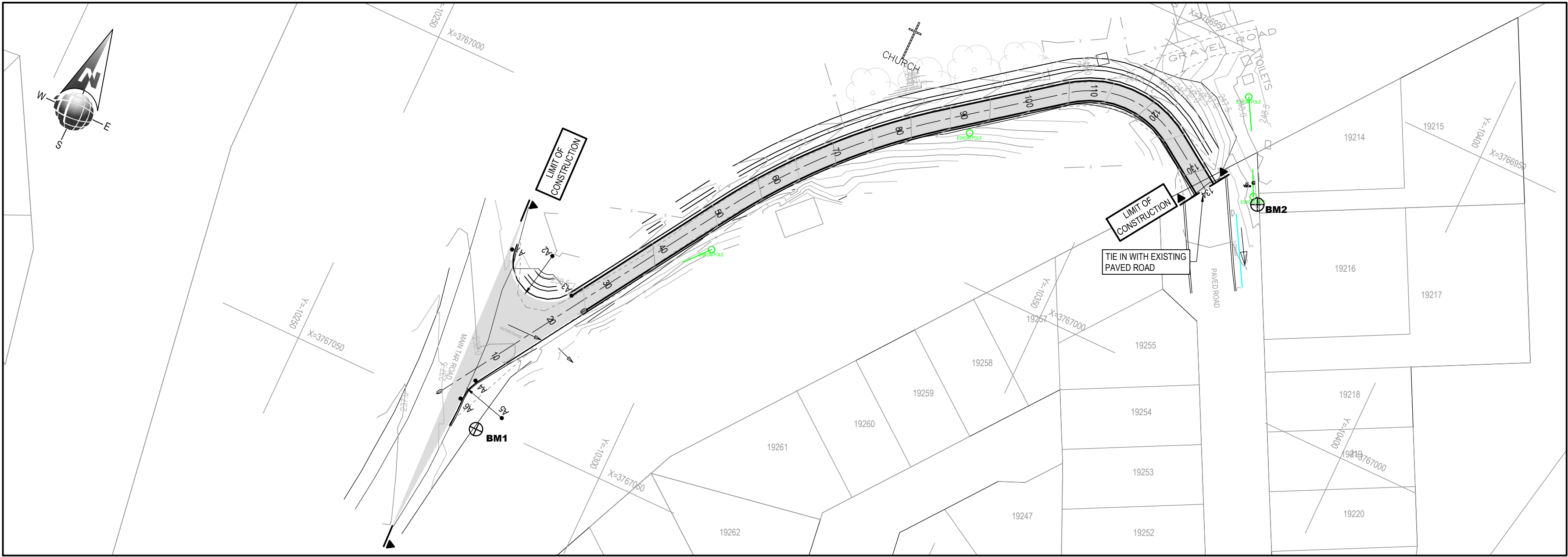
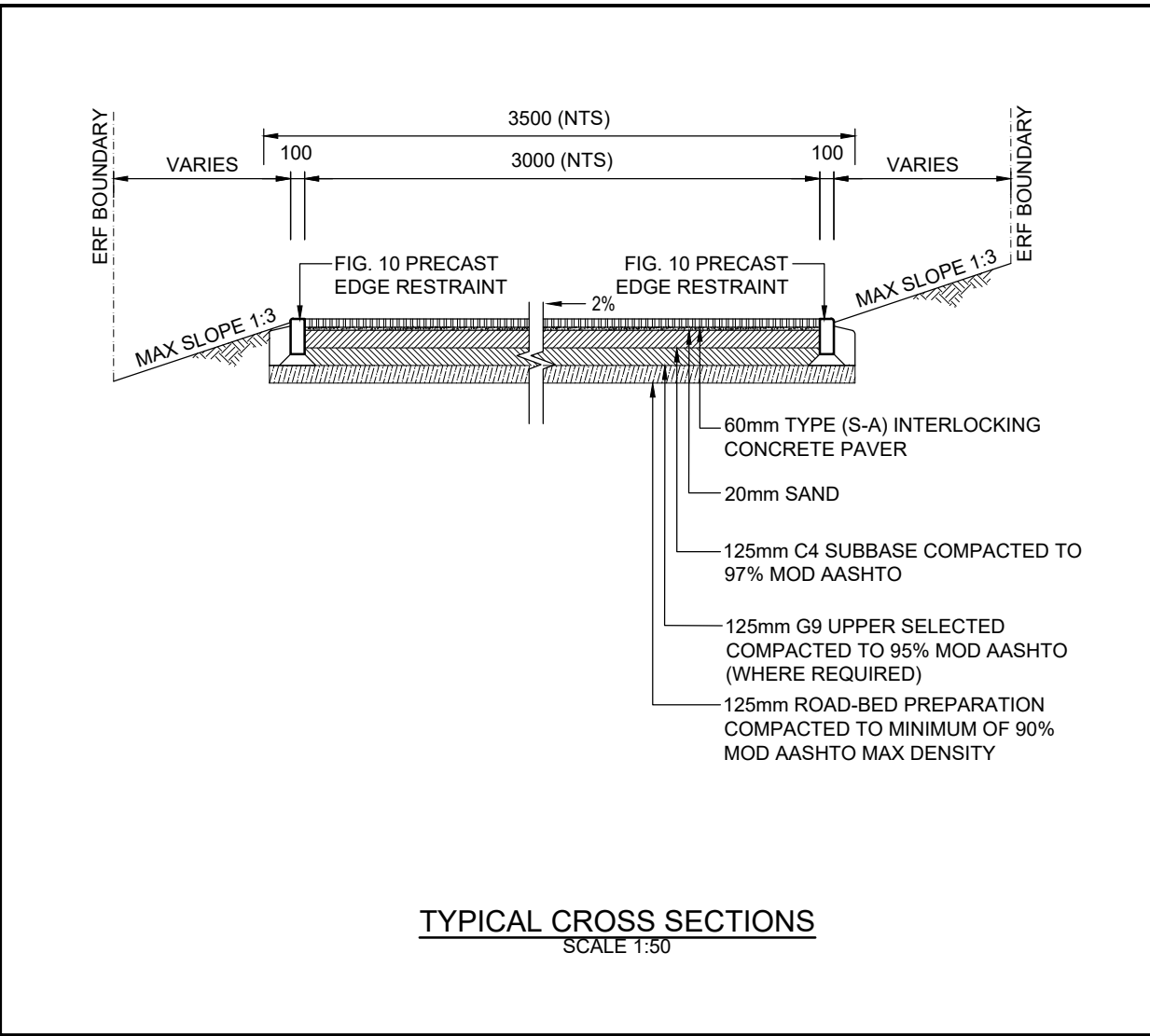
TELEPHONE: (041) 383 0558
 TELEFAX: (041) 363 7646
 e-mail: mail@boschprojects.co.za
 website: www.boschprojects.co.za



DRAWN	ON/ZT		
CIVIL ENGINEER	JB	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER	N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER	AN

KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3) SIKHOSANA 1 STREET DAM SE BOS ROAD PLAN & CROSS SECTION (CH 0 TO CH 123)			
SCALE	AS SHOWN	DATE	JAN 2024
DRAWING NUMBER	8040/001/RLS/421	SIZE	REVISION
		A1	2

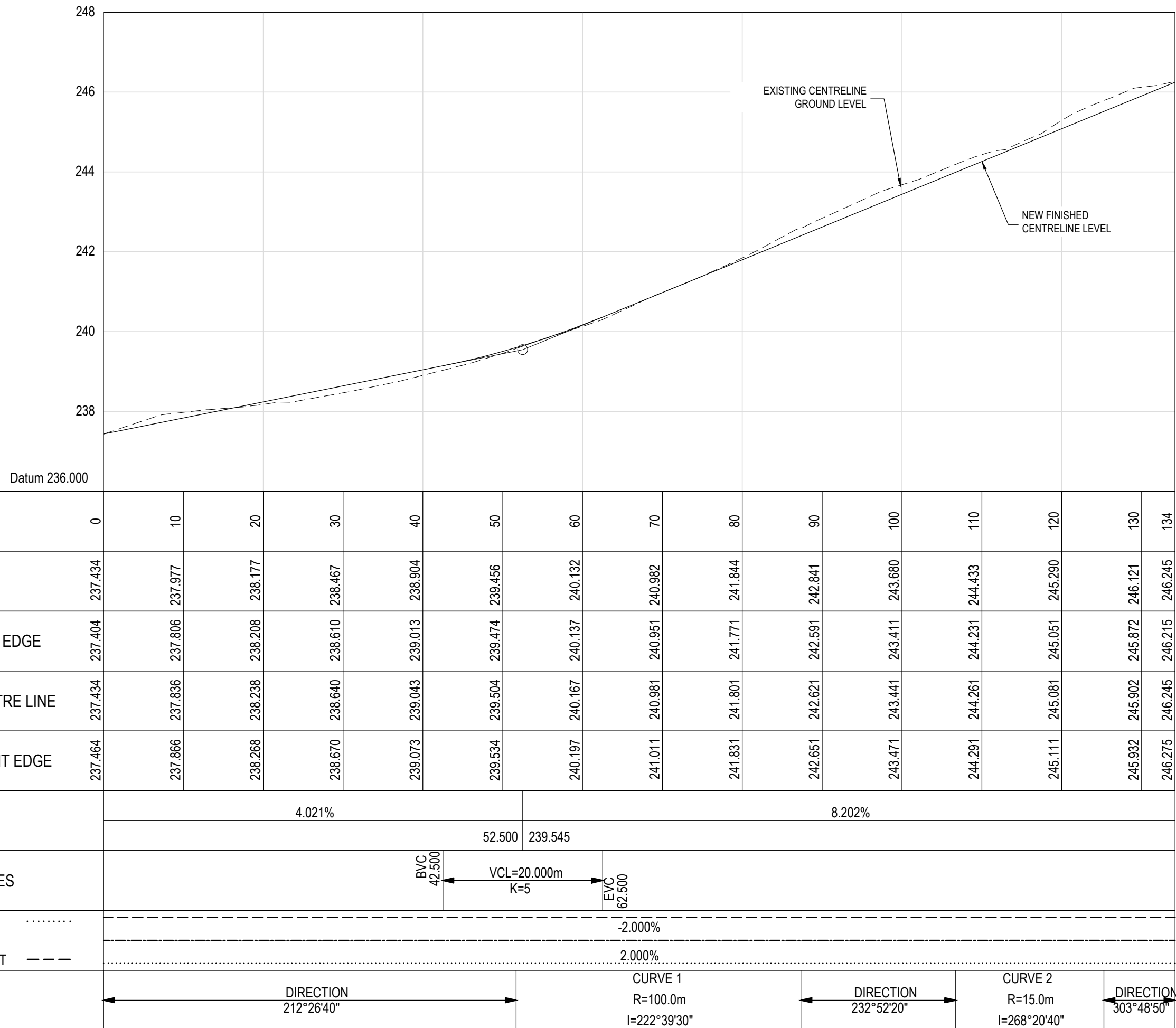
TENDER



LAYOUT PLAN : SIKHOSANA 2 STREET

SCALE 1:500

SIKHOSANA 2 STREET				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-10272.403	3767048.858	
BCC1	51.682	-10300.128	3767005.242	
PI1	69.702	-10309.795	3766990.036	100.000
ECC1	87.338	-10324.162	3766979.159	
BCC2	106.716	-10339.611	3766967.463	
PI2	117.404	-10348.133	3766961.012	15.000
ECC2	125.288	-10357.013	3766966.960	
END	134.190	-10364.409	3766971.913	

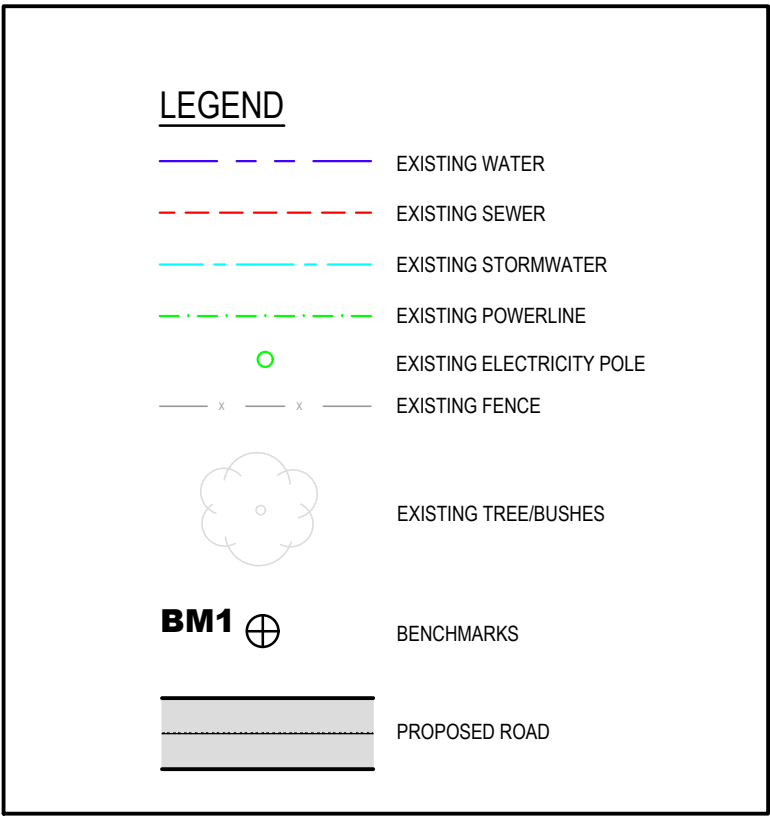


CHAINAGE			0																			
NATURAL GROUND LEVELS			237.434																			
VERTICAL ALIGNMENT	ROAD LEVELS	LEFT EDGE	237.404	237.806	238.208	238.610	239.013	239.474	240.137	240.951	241.771	243.411	244.231	245.051	245.872	246.121	246.245					
		CENTRE LINE	237.434	237.836	238.238	238.640	239.043	239.504	240.167	240.981	241.801	243.441	244.261	245.081	245.902	246.245						
		RIGHT EDGE	237.464	237.866	238.268	238.670	239.073	239.534	240.197	241.011	241.831	243.471	244.291	245.111	245.932	246.275						
	GRADES	4.021%								8.202%												
	VERTICAL CURVES	BVC 42.500 VCL=20.000m K=5 EVC 62.500																				
CROSSFALL		LEFT 	-2.000%																			
		RIGHT --- --	2.000%																			
HORIZONTAL CURVES			DIRECTION 212°26'40"								CURVE 1 R=100.0m I=222°39'30"				DIRECTION 232°52'20"				CURVE 2 R=15.0m I=268°20'40"		DIRECTION 303°48'50"	

LONG SECTION : SIKHOSANA 2 STREET

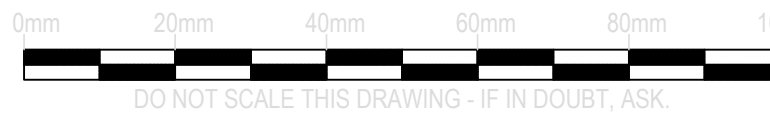
VERTICAL SCALE 1:100

HORIZONTAL SCALE 1:500



BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/L023			
CODE	Y-Coord	X-Coord	ELEVATION
BM1	-10280.098	3767051.129	237.842
BM2	-10372.539	3766970.681	247.624

ALL BENCHMARKS ARE 12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE



REV.	BY	DESCRIPTION	DATE
2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024
RCS/501-504 TYPICAL SECTION			
RCS/422 ROAD CROSS-SECTION			
DRG No. REFERENCE DRAWING			
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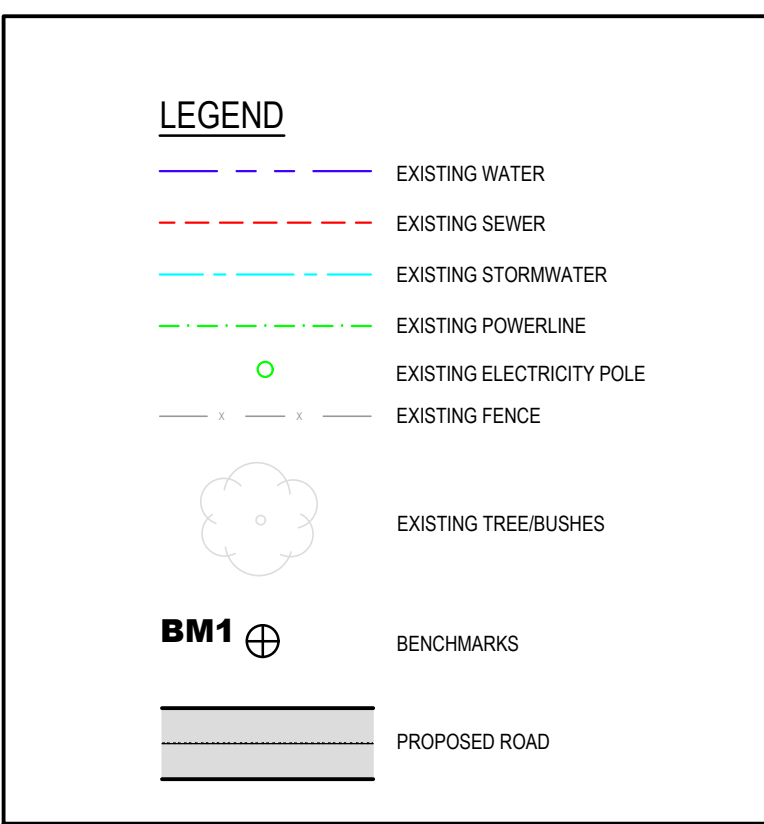
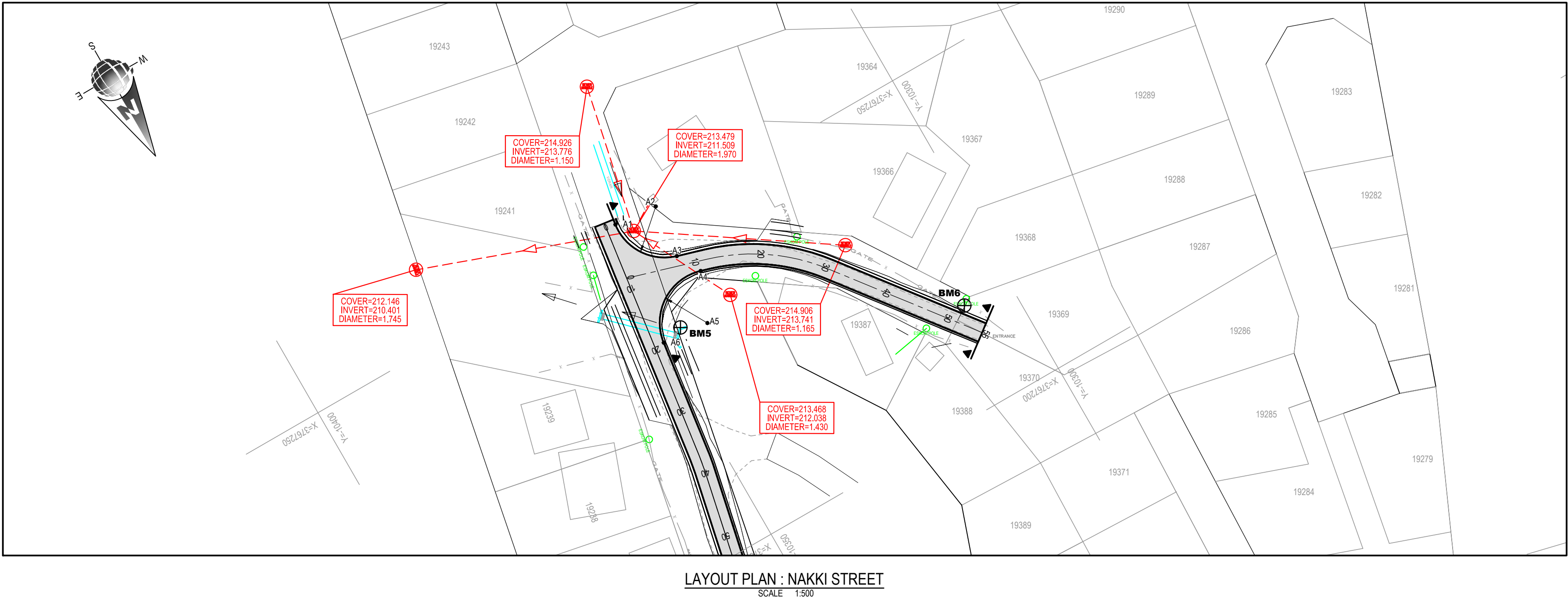
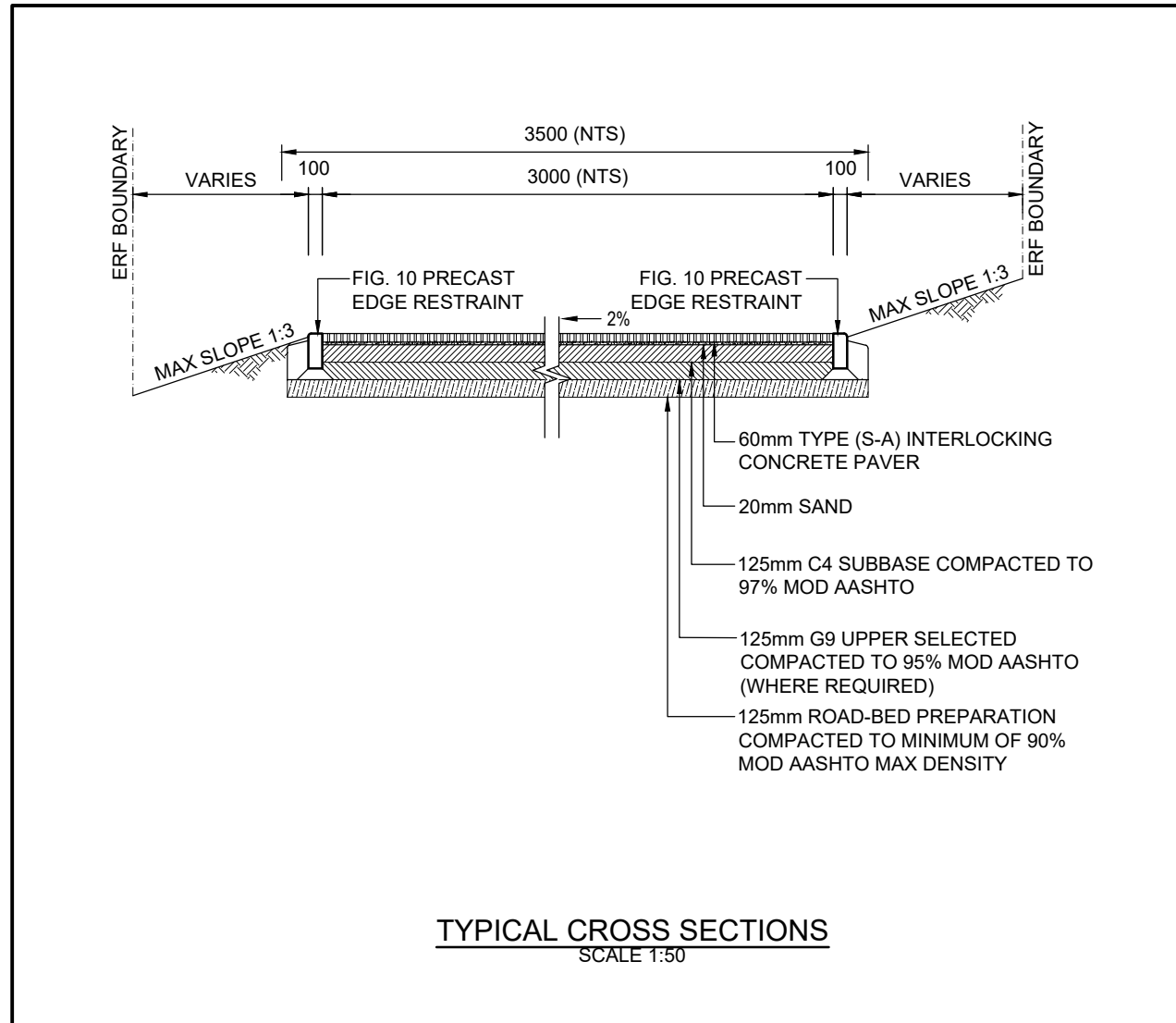
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TELEFAX: (041) 363 7946
e-mail: mail@boschprojects.co.za
website: www.boschprojects.co.za

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DRAWN	ON/ZT		
CIVIL ENGINEER	JB	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER	N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER	AN

KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3)			
SIKHOSANA 2 STREET DAM SE BOS			
ROAD PLAN & CROSS SECTION (CH 0 TO CH 134)			
SCALE AS SHOWN		DATE JAN 2024	
DRAWING NUMBER 8040/001/RLS/422		SIZE A1	REVISION 2

TENDER

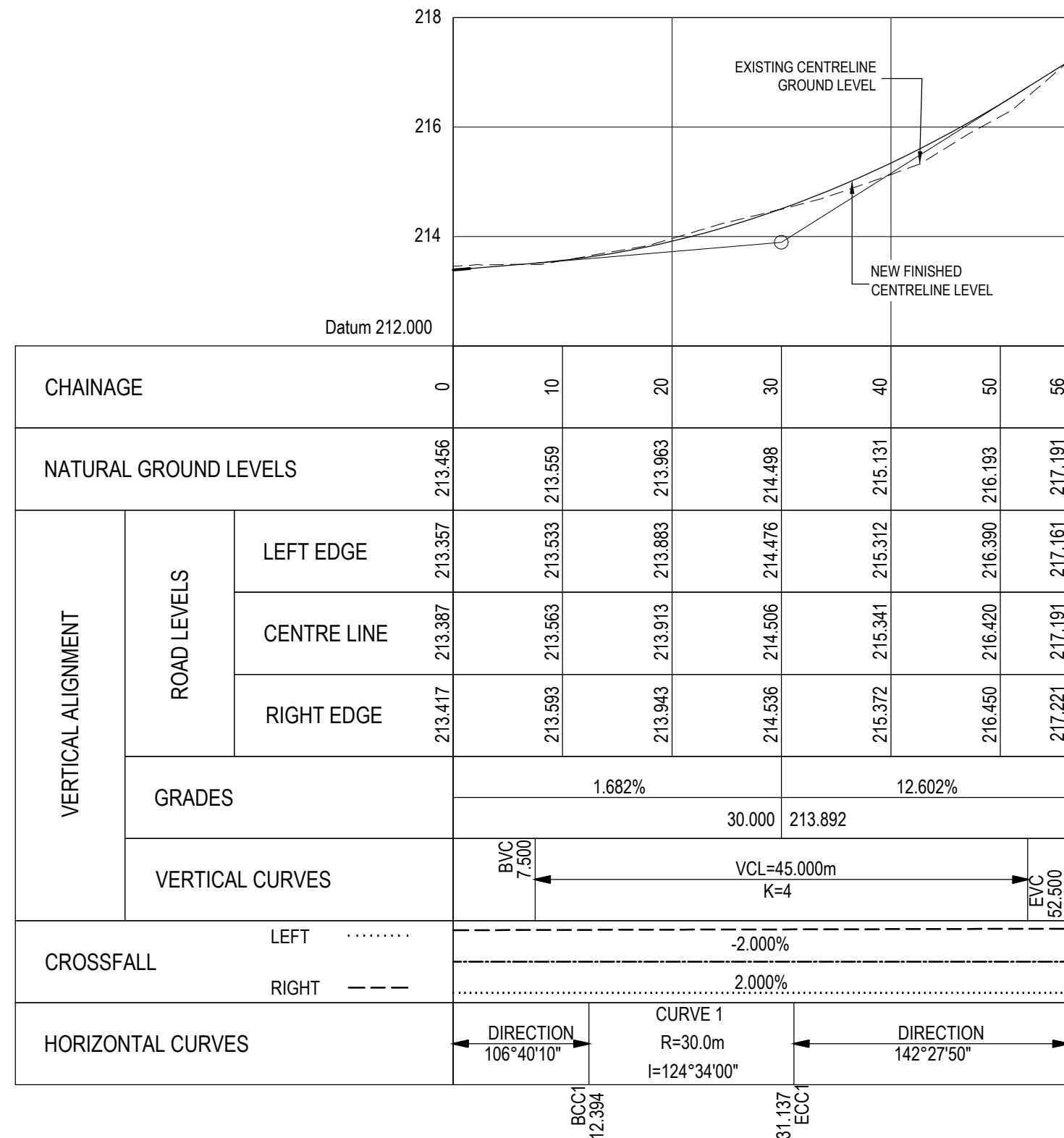


NAKKI STREET 3				
POSITION	SV	Y-Coord	X-Coord	RADIUS
Start	0	-10349.568	3767244.278	
BCC1	12.394	-10337.694	3767240.722	
PI1	22.083	-10328.413	3767237.943	30.000
ECC1	31.137	-10322.510	3767230.261	
END	56.178	-10307.254	3767210.404	

BENCHMARKS/SURVEY CONTROL			
SYSTEM WGS84/O23			
CODE	Y-Coord	X-Coord	ELEVATION
BM3	-10382.2730	3767090.0880	224.2080
STEEL PEGS IN PAVING			
BM4	-10306.1290	3767113.1920	226.8730
BM5	-10346.2670	3767233.7930	213.6790
BM6	-10307.538	3767215.251	216.853
12MM STEEL PEGS IN CONCRETE WITH NAMEPLATE			



DO NOT SCALE THIS DRAWING - PINK DOTS IN ASK



CHAINAGE 0						
DATUM 212						
FINISHED						
GROUND	213.474	213.473	213.466	213.456	213.446	213.437
OFFSET				0.000		

CHAINAGE 30						
DATUM 213						
FINISHED						
GROUND	214.541	214.540	214.520	214.498	214.506	214.536
OFFSET	-2.080	-1.500	0.000	1.500	2.082	

CHAINAGE 56						
DATUM 215						
FINISHED						
GROUND	217.161	217.287	217.191	217.221		
OFFSET	-1.500	0.000	1.500			

CHAINAGE 10						
DATUM 212						
FINISHED						
GROUND	213.561	213.555	213.536	213.559	213.550	213.679
OFFSET	-2.227	-1.500	0.000	1.500	1.888	

CHAINAGE 40						
DATUM 214						
FINISHED						
GROUND	215.292	215.161	215.311	215.341	215.371	
OFFSET	-2.427	-1.500	0.000	1.500		

CHAINAGE 20						
DATUM 212						
FINISHED						
GROUND	213.962	213.970	213.983	213.913	213.943	214.009
OFFSET	-2.035	-1.500	0.000	1.500	1.873	

CHAINAGE 50						
DATUM 215						
FINISHED						
GROUND	216.415	216.254	216.380	216.420	216.450	
OFFSET	-2.248	-1.500	0.000	1.500		

CROSS-SECTION : NAKKI STREET (CH 0 TO CH 181)

TENDER

REV	BY	DESCRIPTION	DATE
2		FOR TENDER	OCT 2025
1		FOR INTERNAL REVIEW	JAN 2024

REV	BY	DESCRIPTION	DATE

RCS/501-504	TYPICAL SECTION
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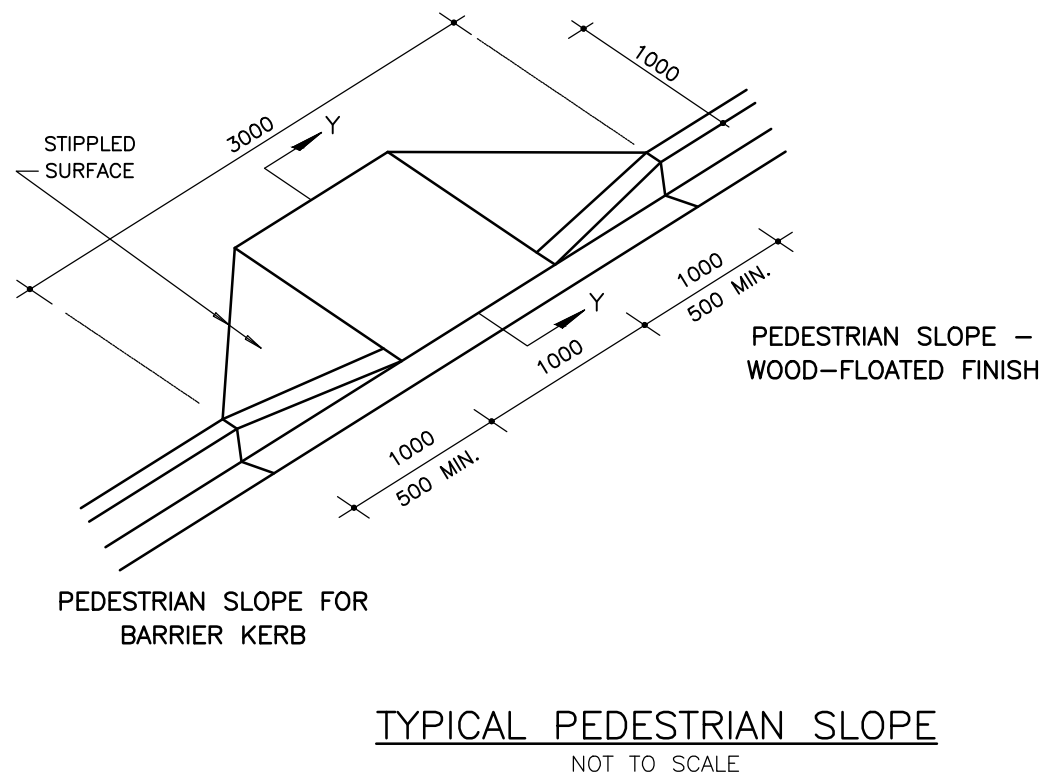
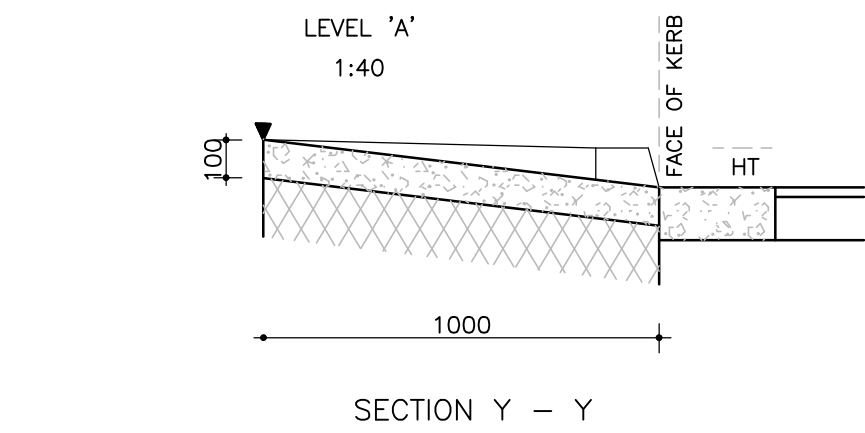
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CIVIL ENGINEER	JB	STRUCTURAL ENGINEER N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER N/A
MECHANICAL ENGINEER	N/A	PROCESS ENGINEER N/A
PROJECT MANAGER	JB	DIVISIONAL MANAGER AN

KNYSNA MUNICIPALITY SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 3)		
NAKKI STREET DAM SE BOS		
ROAD PLAN & CROSS SECTION (CH 0 TO CH 56)		
SCALE	AS SHOWN	DATE JAN 2024
DRAWING NUMBER	8040/001/RLS/423	SIZE A1
REVISION		2

SCALE AS SHOWN	DATE JAN 2023	
DRAWING NUMBER 8040/001/RCS/502	A1	REVISION 

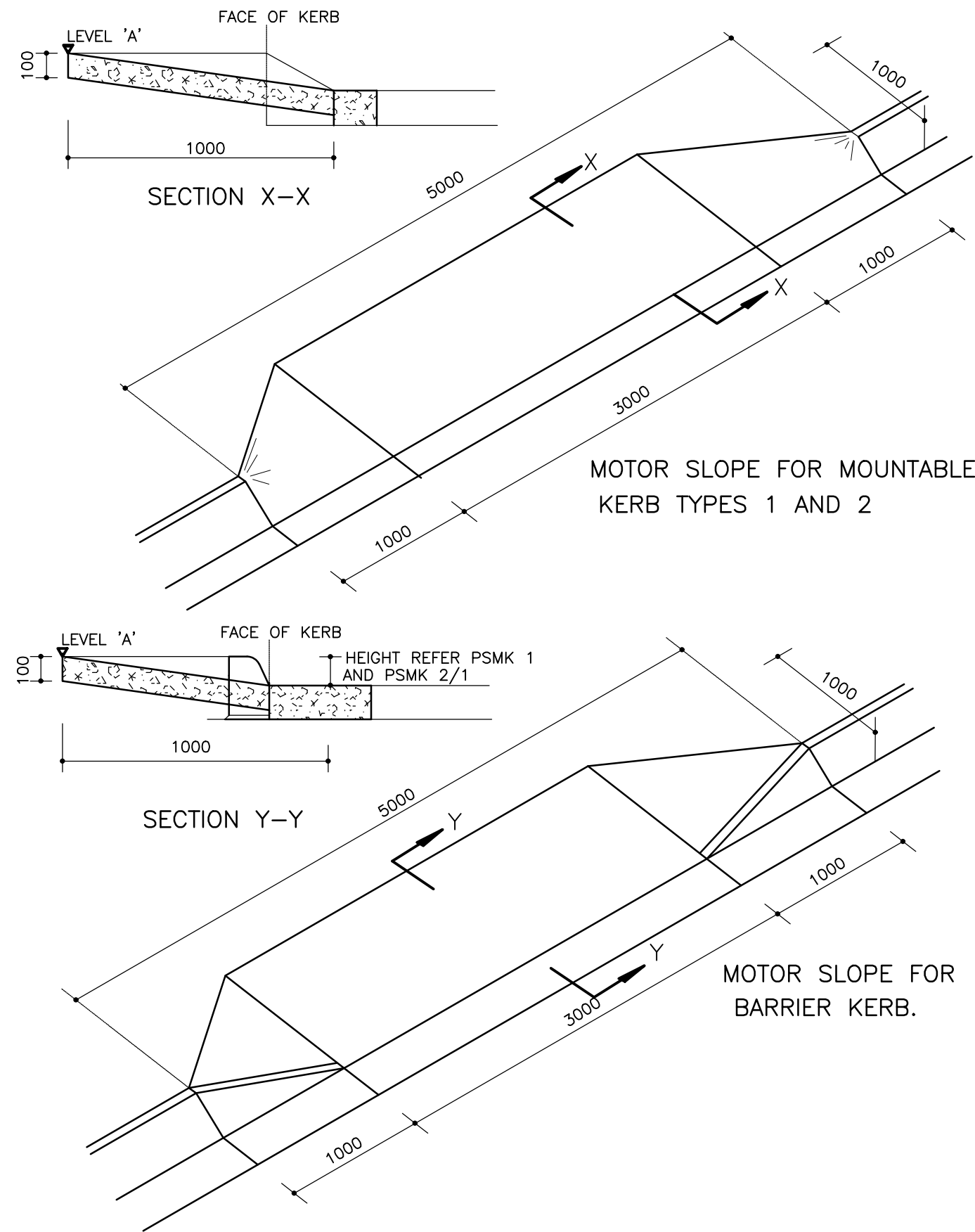
NOTES:

1. THE ENGINEER WILL SPECIFY LEVEL "A" RELATIVE TO LEVEL OF TOP OF ADJACENT KERB AND MAY ORDER A 25mm RISE AT FACE OF KERB LINE.
2. THE PEDESTRIAN SLOPE TRANSITION MAY BE SHORTENED TO A MINIMUM OF 0.5m TO SUIT EXISTING STREET FURNITURE AT RADI OF INTERSECTION.
3. CONCRETE 25 MPa TO HAVE BASS BROOM FINISH.

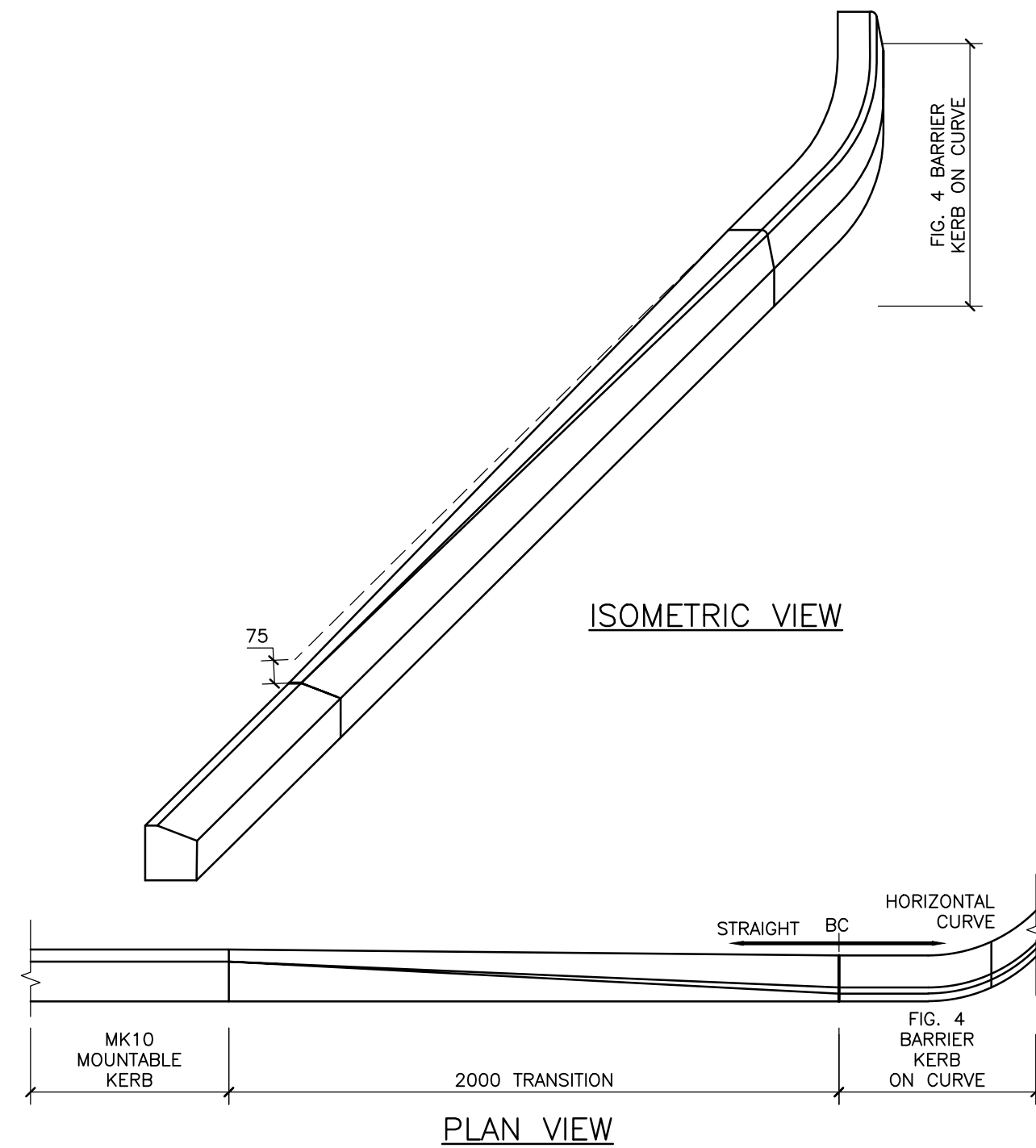
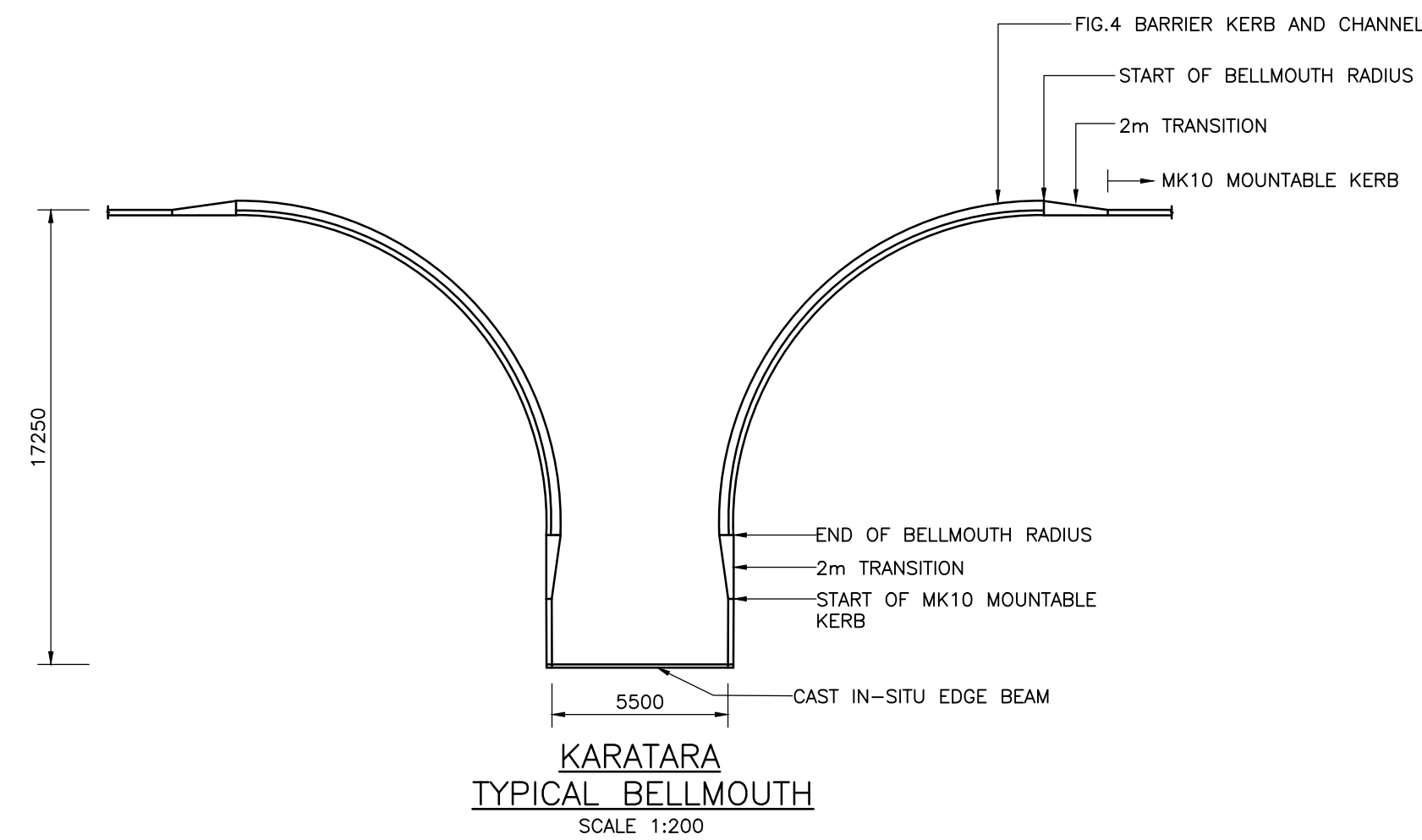


NOTES:

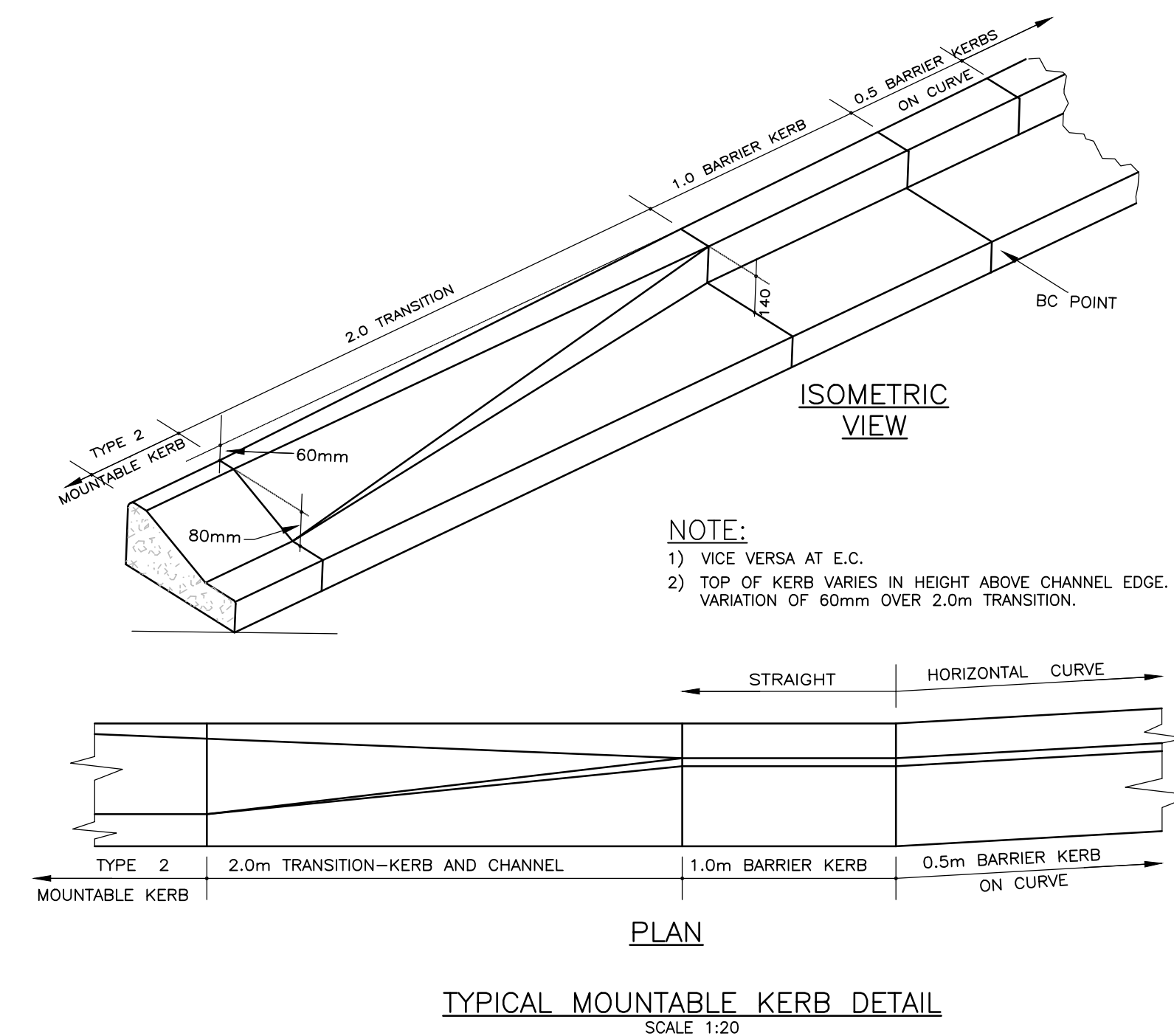
1. THE ENGINEER WILL SPECIFY LEVEL 'A' RELATIVE TO LEVEL OF TOP OF ADJACENT KERB AND MAY ORDER A 25mm RISE AT FACE OF KERB LINE.
2. THE MOTOR SLOPE MAY BE WIDENED AND/OR OFF CENTRED FROM THE C OF THE DRIVEWAY AT OWNER'S REQUEST.



RESIDENTIAL MOTOR SLOPE
NOT TO SCALE



MK10 MOUNTABLE KERB TRANSITION TO FIG. 4 BARRIER KERB
N.T.S.



TYPICAL MOUNTABLE KERB DETAIL
SCALE 1:20



REV	BY	DESCRIPTION	DATE
1		FOR TENDER	OCT 2025

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website: www.boschprojects.co.za

DESIGNED	N/A	DRAWN	ZT
CHECKED	AE	PROCESS ENGINEER	N/A
CIVIL ENGINEER	AE	STRUCTURAL ENGINEER	N/A
INSTRUMENT ENGINEER	N/A	ELECTRICAL ENGINEER	N/A
MECHANICAL ENGINEER	N/A		

APPROVED PROJECT MANAGER DIRECTOR

KNYSNA MUNICIPALITY
SURFACING OF GRAVEL ROADS IN DAM-SE-BOS (WARD 5)

TYPICAL DETAILS (2 OF 3)

SCALE	AS SHOWN	DATE	JAN 2023
DRAWING NUMBER	8040/001/RCS/503	REVISION	1

