

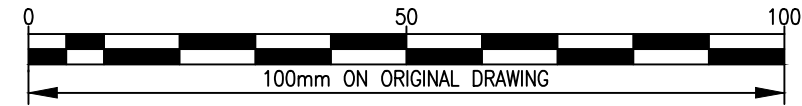


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AS-BUILT RECORD				VERSION/AMENDMENTS				 HOKANA CONSULTING ENGINEERS No. 8 Bauhinia Street Berkley Office Park Highveld Technopark 0157 Tel: +27(0) 12 000 4888 Fax: 086 663 1259	PROJECT TITLE: BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4		BELA BELA LOCAL MUNICIPALITY Chris hani Drive, Bela Bela Private Bag X1609 0480  Tel: 014 736 8000 Fax: 014 736 3288				CHECKED: T.VUNDLA DESIGNED: LA SENTI	
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY		DRAWING TITLE: ROADS LAYOUT PLAN		ORIGINAL DRAWING SCALE:		ORIGINAL DRAWING SHEET SIZE: A1		DRAWN: LA SENTI APPROVED: L. MASHELE	
											APPROVED:		CO-ORDINATE SYSTEM:		Pr No: 2018300248	
CERTIFIED AS-BUILT FOR CONTRACT :											CLIENT OR ASSIGNEE: _____ DATE: _____		APPROVED ON BEHALF OF HOKANA CONSULTING ENGINEERS:		ENGINEER'S SIGNATURE: _____ DATE: _____	
ENGINEER _____ DATE _____										CLIENT DRAWING No.: _____ CLIENT REF No.: _____		DRAWING No.: HCE - BBLM - P - 001		VERSION: A		



AS-BUILT RECORD			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT : _____

_____ ENGINEER
_____ DATE



**HOXANA CONSULTING
ENGINEERS**

HOXANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157

PROJECT TITLE:

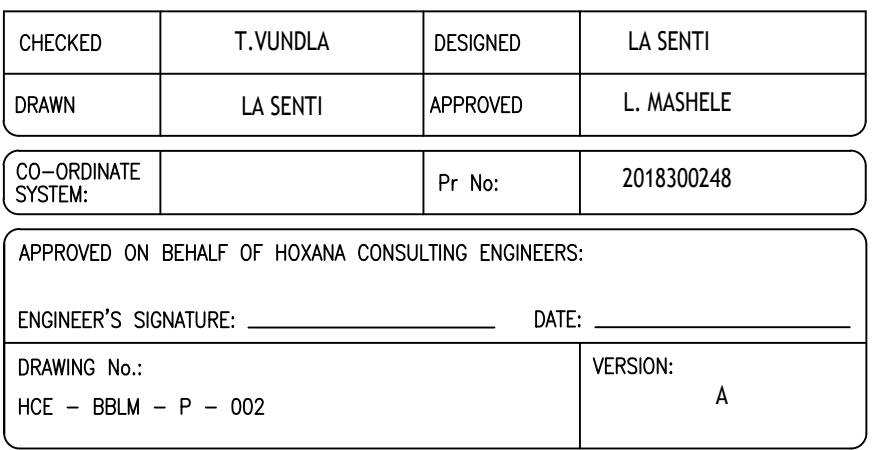
BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4

DRAWING TITLE:

ROAD A LONGSECTION



BELA BELA MUNICIPALITY



CHAINAGE 60

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1145			
FINISHED	1145.119	1145.144	1145.288
GROUND		1145.084	
OFFSET	-4.000	0.000	2.688

CHAINAGE 40

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1145.230	1145.255	1145.388
GROUND		1145.012	
OFFSET	-4.000	0.000	2.688

CHAINAGE 20

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1145.341	1145.366	1145.459
GROUND		1144.708	
OFFSET	-4.000	0.000	2.688

CHAINAGE 0

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1145.452	1145.477	1145.587
GROUND		1144.532	
OFFSET	-4.000	0.000	2.688

CHAINAGE 140

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.675	1144.700	1144.810
GROUND		1145.416	
OFFSET	-4.000	0.000	2.688

CHAINAGE 120

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.786	1144.811	1144.921
GROUND		1145.474	
OFFSET	-4.000	0.000	2.688

CHAINAGE 100

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.897	1144.922	1145.032
GROUND		1145.423	
OFFSET	-4.000	0.000	2.688

CHAINAGE 80

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1145			
FINISHED	1145.008	1145.033	1145.148
GROUND		1145.153	
OFFSET	-4.000	0.000	2.688

CHAINAGE 220

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.256	1144.286	1144.366
GROUND		1145.127	
OFFSET	-2.750	0.000	2.750

CHAINAGE 200

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.342	1144.367	1144.477
GROUND		1145.204	
OFFSET	-4.000	0.000	2.688

CHAINAGE 180

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.453	1144.478	1144.588
GROUND		1145.530	
OFFSET	-4.000	0.000	2.688

CHAINAGE 160

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.564	1144.589	1144.699
GROUND		1145.271	
OFFSET	-4.000	0.000	2.688

CHAINAGE 300

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.787	1143.813	1143.923
GROUND		1145.127	
OFFSET	-4.000	0.000	2.750

CHAINAGE 280

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.898	1143.923	1144.034
GROUND		1145.204	
OFFSET	-4.000	0.000	2.688

CHAINAGE 260

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.009	1144.034	1144.145
GROUND		1145.271	
OFFSET	-4.000	0.000	2.688

CHAINAGE 240

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1144			
FINISHED	1144.120	1144.145	1144.255
GROUND		1145.047	
OFFSET	-4.000	0.000	2.688

CHAINAGE 380

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.344	1143.369	1143.479
GROUND		1144.441	
OFFSET	-4.000	0.000	2.688

CHAINAGE 360

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.455	1143.480	1143.590
GROUND		1144.669	
OFFSET	-4.000	0.000	2.750

CHAINAGE 340

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.566	1143.591	1143.706
GROUND		1144.935	
OFFSET	-4.000	0.000	2.688

CHAINAGE 320

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.677	1143.702	1143.812
GROUND		1145.047	
OFFSET	-4.000	0.000	2.688

CHAINAGE 460

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1142			
FINISHED	1142.900	1142.925	1143.035
GROUND		1143.954	
OFFSET	-4.000	0.000	2.688

CHAINAGE 440

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.011	1143.036	1143.146
GROUND		1144.128	
OFFSET	-4.000	0.000	2.688

CHAINAGE 420

H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.122	1143.147	1143.257
GROUND		1144.197	
OFFSET	-4.000	0.000	2.750



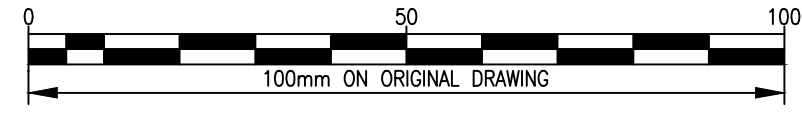
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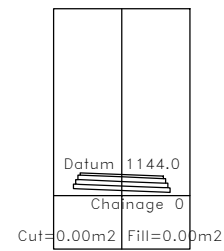
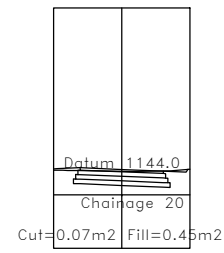
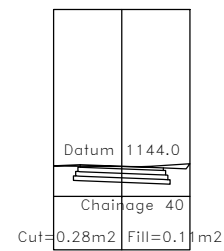
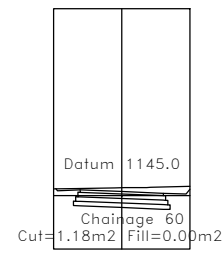
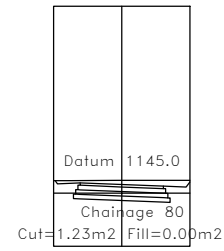
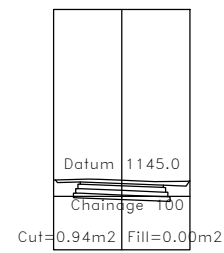
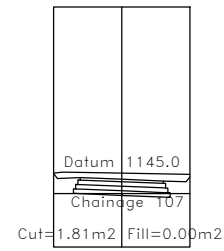
H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1143			
FINISHED	1143.233	1143.258	1143.368
GROUND		1144.301	
OFFSET	-4.000	0.000	2.750

CHAINAGE 477

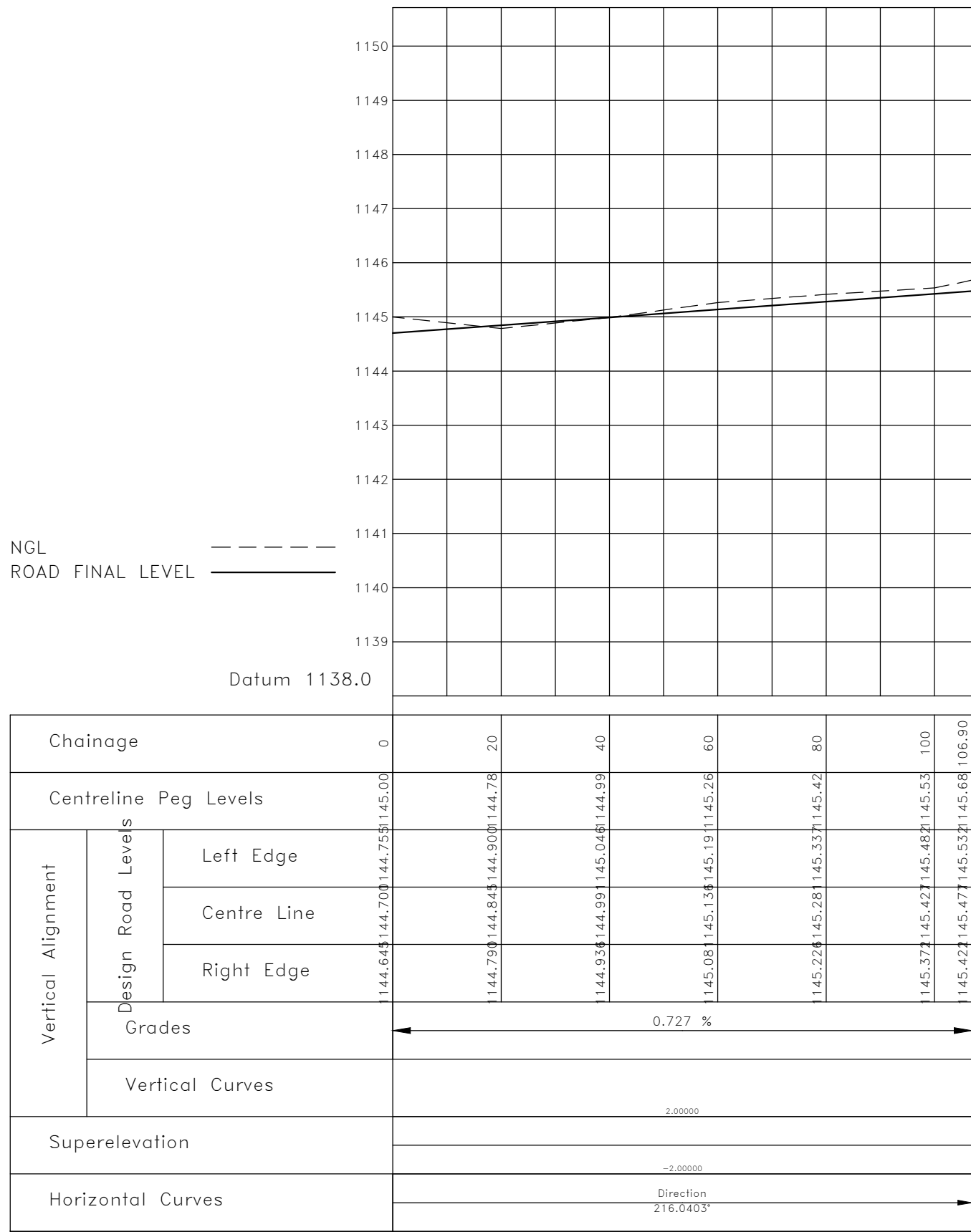
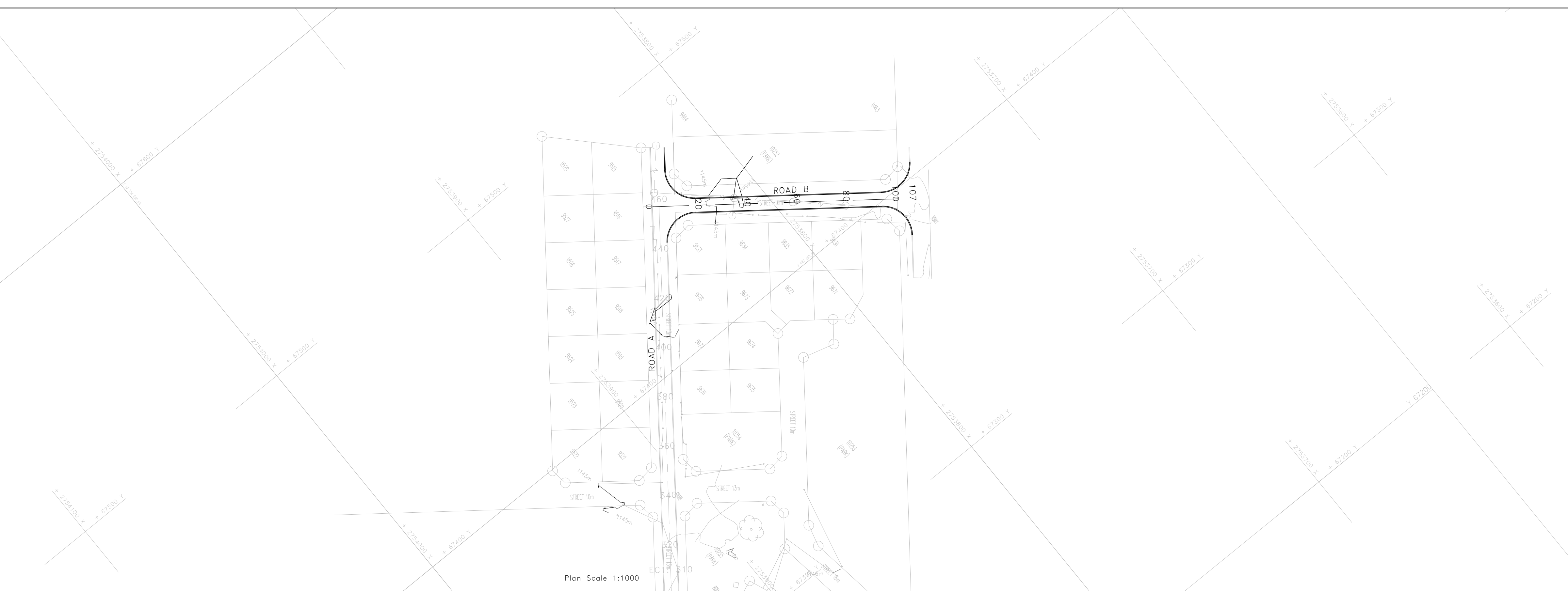
H.SCALE 1:500			
V.SCALE 1:100			
DATUM = 1142			
FINISHED	1142.805	1142.830	1142.940
GROUND		1143.885	
OFFSET	-4.000	0.000	2.688

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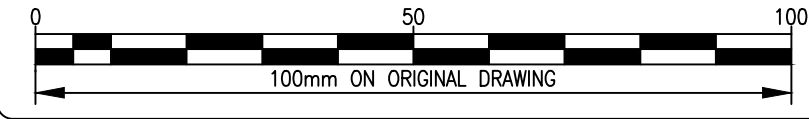
AS-BUILT RECORD				VERSION/AMENDMENTS				 HOXANA CONSULTING ENGINEERS No. 8 Bauhinia Street Berkley Office Park Highveld Technopark 0157 Tel: +27(0) 12 000 4888 Fax: 086 663 1259		PROJECT TITLE: BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4		BELA BELA LOCAL MUNICIPALITY Chris hani Drive, Bela Bela Private Bag X1609 0480 Tel: 014 736 8000 Fax: 014 736 3288		 BELA BELA MUNICIPALITY				CHECKED: T.VUNDLA DESIGNED: LA SENTI DRAWN: LA SENTI APPROVED: L. MASHELE	
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY			DRAWING TITLE: ROAD A CROSS SECTIONS		ORIGINAL DRAWING SCALE:		ORIGINAL DRAWING SHEET SIZE: A1		CO-ORDINATE SYSTEM:		Pr No: 2018300248	
CERTIFIED AS-BUILT FOR CONTRACT : ENGINEER DATE				A JAN 2024 ISSUED FOR APPROVAL L. MASHELE						APPROVED:		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:		ENGINEER'S SIGNATURE: DATE:		DRAWING No.: HCE - BBLM - P - 003		VERSION: A	
										CLIENT OR ASSIGNEE: DATE:		CLIENT DRAWING No.:		CLIENT REF No.:					





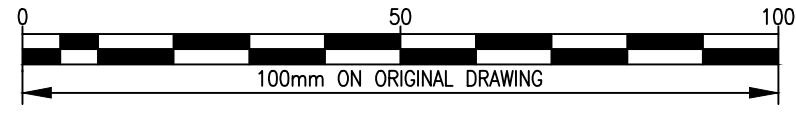
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Vertical Scale 1:250

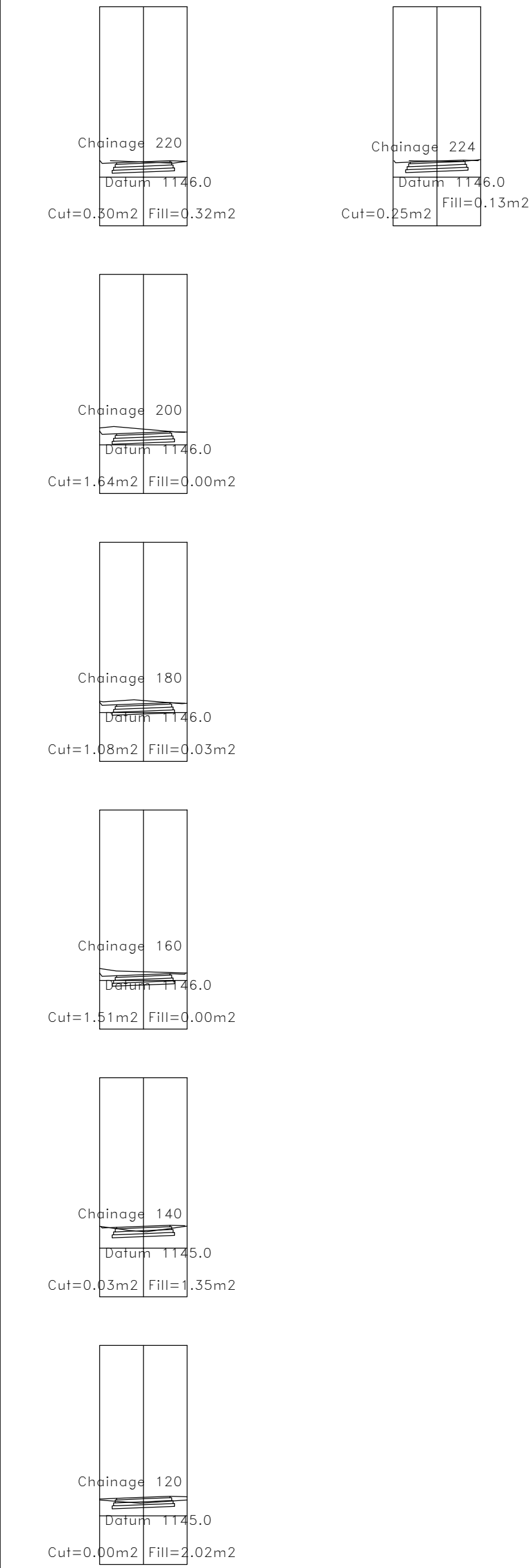


Chainage 0 to 106
Horizontal Scale 1:1000
Vertical Scale 1:100

AS-BUILT RECORD				VERSION/AMENDMENTS				 HOXANA CONSULTING ENGINEERS No. 8 Bauhinia Street Berkley Office Park Highveld Technopark 0157 Tel: +27(0) 12 000 4888 Fax: 086 663 1259		PROJECT TITLE: BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4		BELA BELA LOCAL MUNICIPALITY Chris hani Drive, Bela Bela Private Bag X1609 0480 Tel: 014 736 8000 Fax: 014 736 3288  BELA BELA MUNICIPALITY		 ORIGINAL DRAWING SCALE: ORIGINAL DRAWING SHEET SIZE: A1		CHECKED: T.VUNDLA DESIGNED: LA SENTI DRAWN: LA SENTI APPROVED: L. MASHELE	
CONTRACT No. _____ DESCRIPTION _____ CERTIFIED BY _____ DATE _____				No. _____ DATE _____ DESCRIPTION _____ AUTHORISED BY _____				PROJECT TITLE: ROAD B LONGSECTION		DRAWING TITLE: ROAD B LONGSECTION		APPROVED: _____ CLIENT OR ASSIGNEE: _____ DATE: _____ CLIENT DRAWING No.: _____ CLIENT REF No.: _____		CO-ORDINATE SYSTEM: _____ Pr No: 2018300248		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS: ENGINEER'S SIGNATURE: _____ DATE: _____ DRAWING No.: HCE - BBLM - P - 004 VERSION: A	
CERTIFIED AS-BUILT FOR CONTRACT : _____ ENGINEER DATE				A JAN 2024 ISSUED FOR APPROVAL L. MASHELE													

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AS-BUILT RECORD				VERSION/AMENDMENTS				 HOKANA CONSULTING ENGINEERS No. 8 Bauhinia Street Berkley Office Park Highveld Technopark 0157 Tel: +27(0) 12 000 4888 Fax: 086 663 1259		PROJECT TITLE: BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4		BELA BELA LOCAL MUNICIPALITY Chris hani Drive, Bela Bela Private Bag X1609 0480 Tel: 014 736 8000 Fax: 014 736 3288		 BELA BELA MUNICIPALITY		 0 50 100 100mm ON ORIGINAL DRAWING		<table><tr><td>CHECKED</td><td>T.VUNDLA</td><td>DESIGNED</td><td>LA SENTI</td></tr><tr><td>DRAWN</td><td>LA SENTI</td><td>APPROVED</td><td>L. MASHELE</td></tr></table>		CHECKED	T.VUNDLA	DESIGNED	LA SENTI	DRAWN	LA SENTI	APPROVED	L. MASHELE
CHECKED	T.VUNDLA	DESIGNED	LA SENTI																								
DRAWN	LA SENTI	APPROVED	L. MASHELE																								
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY	DRAWING TITLE: ROAD B CROSS SECTIONS		APPROVED:		APPROVED ON BEHALF OF HOKANA CONSULTING ENGINEERS:															
										CLIENT OR ASSIGNEE: _____ DATE: _____		ENGINEER'S SIGNATURE: _____ DATE: _____															
CERTIFIED AS-BUILT FOR CONTRACT : ENGINEER _____ DATE _____				A JAN 2024 ISSUED FOR APPROVAL L. MASHELE						CLIENT DRAWING No.: _____ CLIENT REF No.: _____		DRAWING No.: HCE - BBLM - P - 005		VERSION: A													



Scale 1:500
Scale 1:250



Horizontal Scale 1:1000
Vertical Scale 1:100

NCL
ROAD FINAL LEVEL

Datum 1136.0

Chainage		0																	
Centreline Peg Levels		1145.00	144.95	144.89	144.95	145.17	20												
Vertical Alignment	Design Road Levels	Left Edge	1145.17	145.11	145.06	145.17	20												
		Centre Line																	
		Right Edge	1145.34	145.28	145.23	145.13	40												
	Grades	0.838 %																	
	Vertical Curves	2.00000																	
Superelevation		-2.00000																	
Horizontal Curves		Direction 248.2025° Curve 1 Left LCC 123.23 BCC 192.43.8053																	

Chainage 0 to 223

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AS-BUILT RECORD				VERSION/AMENDMENTS			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY
CERTIFIED AS-BUILT FOR CONTRACT :							
ENGINEER				A	1 JAN 2024	ISSUED FOR APPROVAL	L. MASHELE



HOKANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157

Tel: +27(0) 12 000 4888
Fax: 086 663 1259

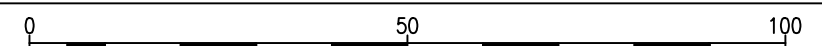
PROJECT TITLE:
**BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4**

DRAWING TITLE:
ROAD C CROSS LONG SECTIONS

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288



		CHECKED	T.VUNDLA	DESIGNED	LA SENTI
		DRAWN	LA SENTI	APPROVED	L. MASHELE
ORIGINAL DRAWING SCALE:		ORIGINAL DRAWING SHEET SIZE: A1		CO-ORDINATE SYSTEM:	
				Pr No:	2018300248
APPROVED:		APPROVED ON BEHALF OF HOKANA CONSULTING ENGINEERS:			
CLIENT OR ASSIGNEE: _____		DATE: _____		ENGINEER'S SIGNATURE: _____	
CLIENT DRAWING No.:		CLIENT REF No.:		DRAWING No.:	VERSION:
				HCE - BBLM - P - 006	A

CHAINAGE 60

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1145.373	1145.398	1145.508	1145.463
GROUND		1145.285		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 140

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1146.043	1146.068	1146.179	1146.154
GROUND		1145.845		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 220

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1146

FINISHED	1146.714	1146.739	1146.849	1146.824
GROUND		1146.779		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 40

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1145.205	1145.230	1145.340	1145.315
GROUND		1145.130		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 120

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1145.876	1145.901	1146.011	1145.986
GROUND		1145.654		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 200

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1146

FINISHED	1146.546	1146.571	1146.682	1146.656
GROUND		1146.811		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 20

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1145.038	1145.063	1145.173	1145.148
GROUND		1145.167		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 100

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1145.708	1145.733	1145.843	1145.818
GROUND		1145.568		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 180

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1146

FINISHED	1146.379	1146.404	1146.514	1146.489
GROUND		1146.622		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 0

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1144

FINISHED	1144.870	1144.895	1145.005	1144.980
GROUND		1144.950		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 80

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1145

FINISHED	1145.541	1145.566	1145.676	1145.651
GROUND		1145.407		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 160

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1146

FINISHED	1146.211	1146.236	1146.346	1146.321
GROUND		1146.440		
OFFSET	-4.000	-2.750	0.000	2.750

CHAINAGE 224

H.SCALE 1:500
V.SCALE 1:100
DATUM = 1146

FINISHED	1146.746	1146.771	1146.881	1146.856
GROUND		1146.826		
OFFSET	-4.000	-2.750	0.000	2.750

AS-BUILT RECORD

CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE


CERTIFIED AS-BUILT FOR CONTRACT :

ENGINEER

DATE

VERSION/AMENDMENTS

No.	DATE	DESCRIPTION	AUTHORISED BY
A	JAN 2024	ISSUED FOR APPROVAL	L. MASHELE



HOKANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157


Tel: +27(0) 12 000 4888
Fax: 086 663 1259

PROJECT TITLE:
BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4

DRAWING TITLE:
ROAD C CROSS SECTIONS

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288



BELA BELA MUNICIPALITY

050100

100mm ON ORIGINAL DRAWING

ORIGINAL DRAWING SCALE:

ORIGINAL DRAWING SHEET SIZE:

A1

APPROVED:

CLIENT OR ASSIGNEE: _____ DATE: _____

CLIENT DRAWING No.: _____ CLIENT REF No.: _____

CHECKED	T.VUNDLA	DESIGNED	LA SENTI
DRAWN	LA SENTI	APPROVED	L. MASHELE

CO-ORDINATE SYSTEM:

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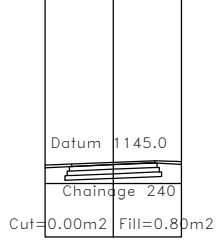
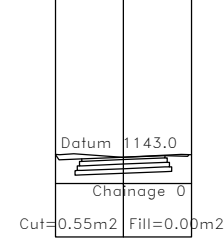
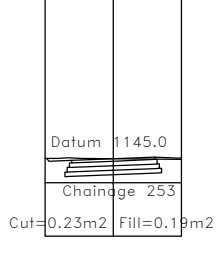
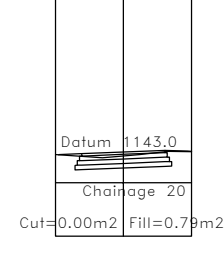
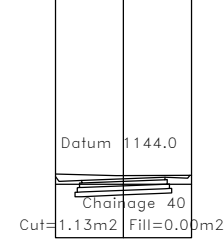
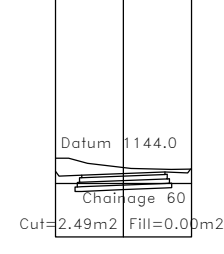
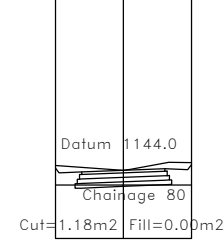
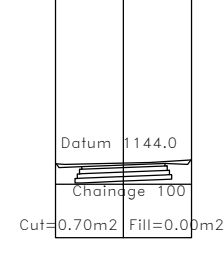
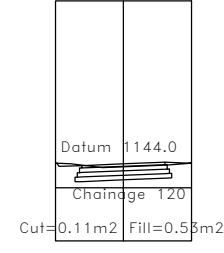
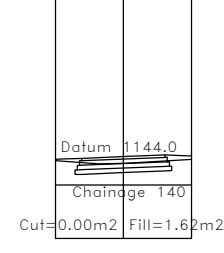
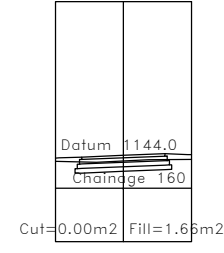
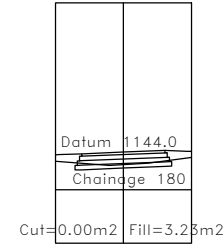
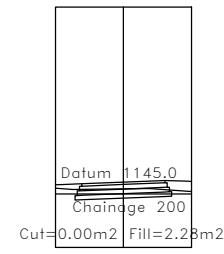
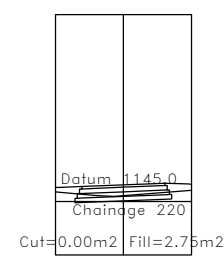
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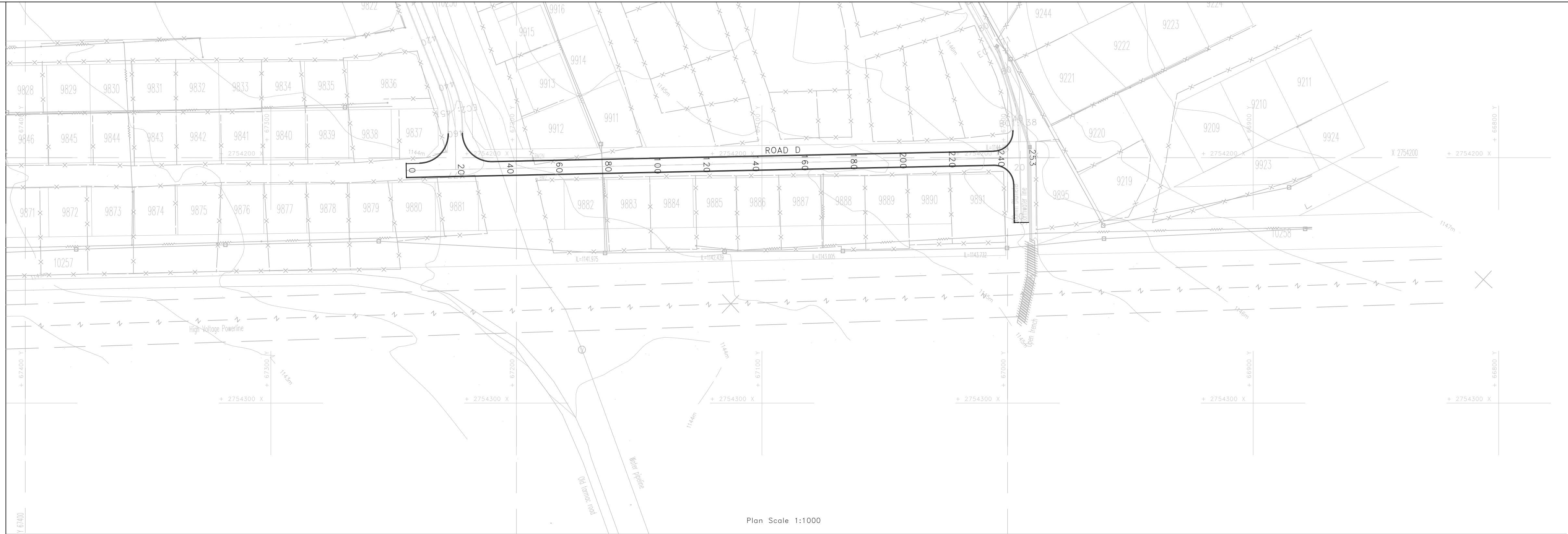
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DRAWING No.: HCE - BBLM - P - 007

VERSION: A



Horizontal Scale 1:500
Vertical Scale 1:250



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ROAD FINAL LEVEL


Datum 1138.0

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Chainage 0 to 252
Horizontal Scale 1:1000
Vertical Scale 1:100

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AS-BUILT RECORD				VERSION/AMENDMENTS			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY
CERTIFIED AS-BUILT FOR CONTRACT :							
ENGINEER				A	JAN 2024	ISSUED FOR APPROVAL	L. MASHELE


HOXANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157
Tel: +27(0) 12 000 4888
Fax: 086 663 1259

PROJECT TITLE:
**BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4**

DRAWING TITLE:
ROAD D LONG SECTION

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480
Tel: 014 736 8000
Fax: 014 736 3288


BELA BELA MUNICIPALITY

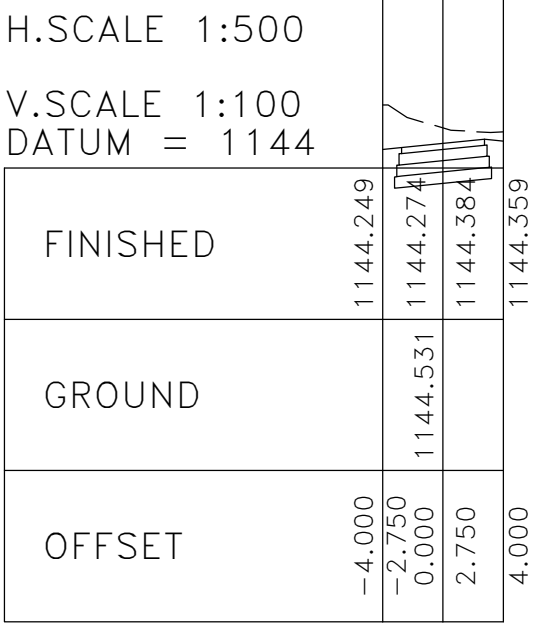
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DRAWN	LA SENTI	APPROVED	L. MASHELE

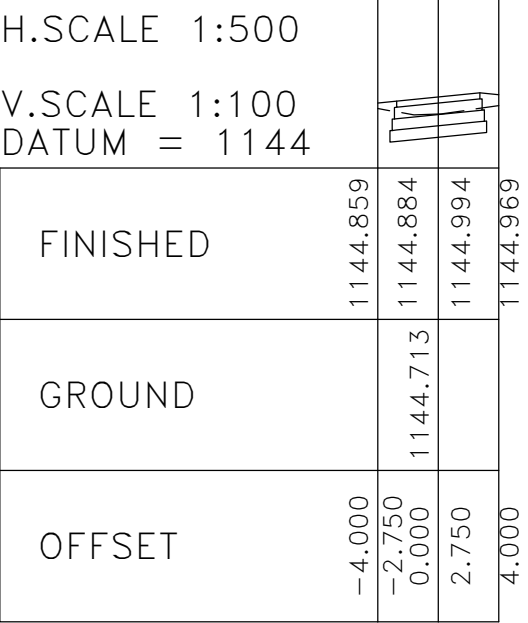
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ENGINEER'S SIGNATURE:		DATE:	
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HCE - BBLM - P - 008		A	

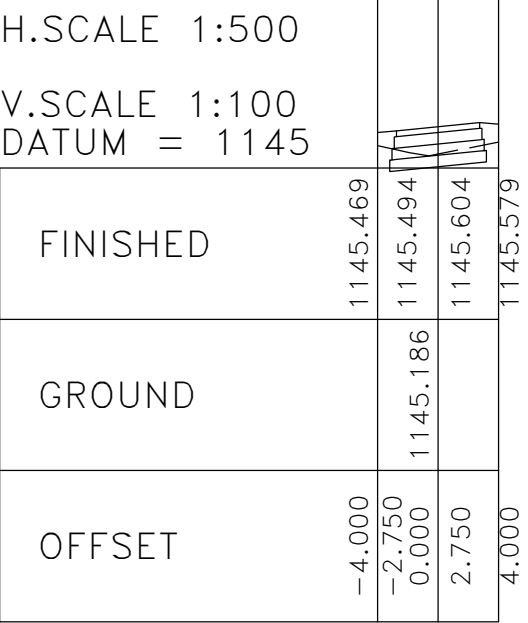
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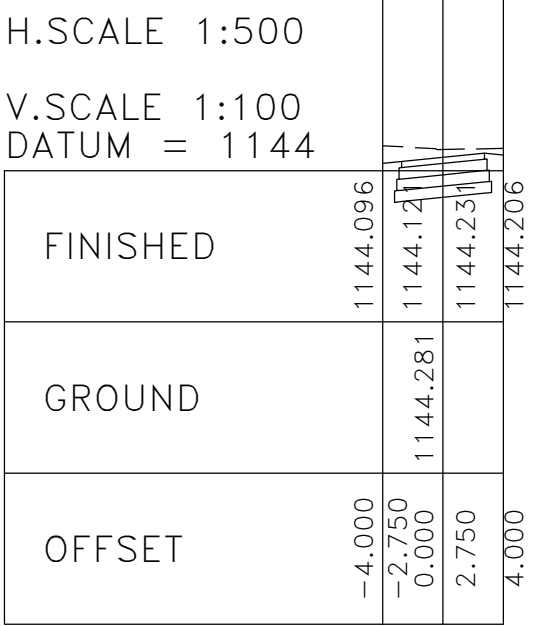
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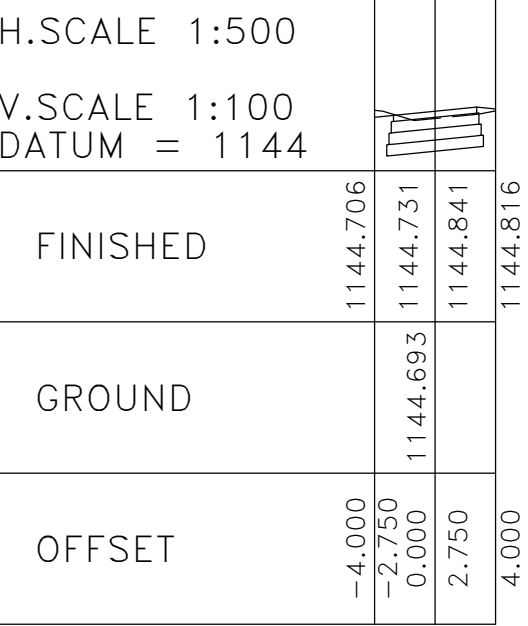
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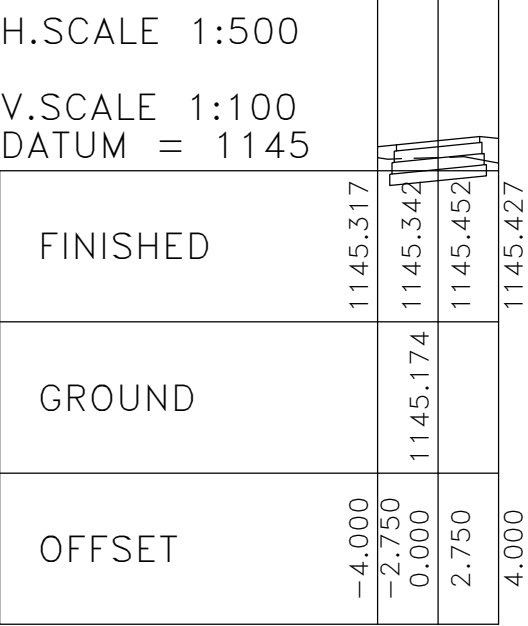
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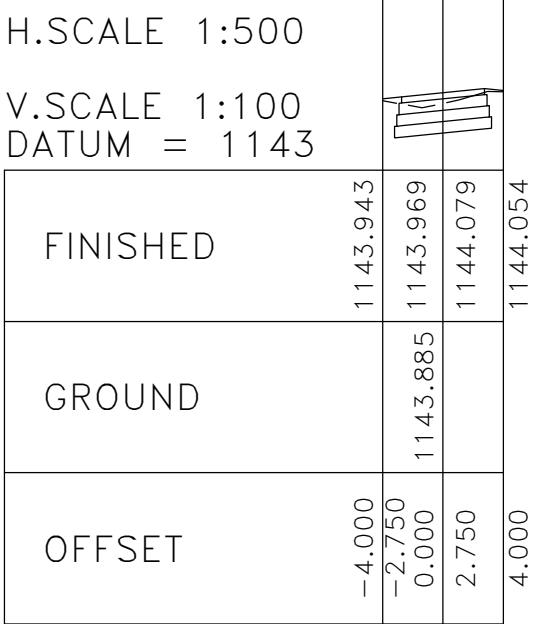
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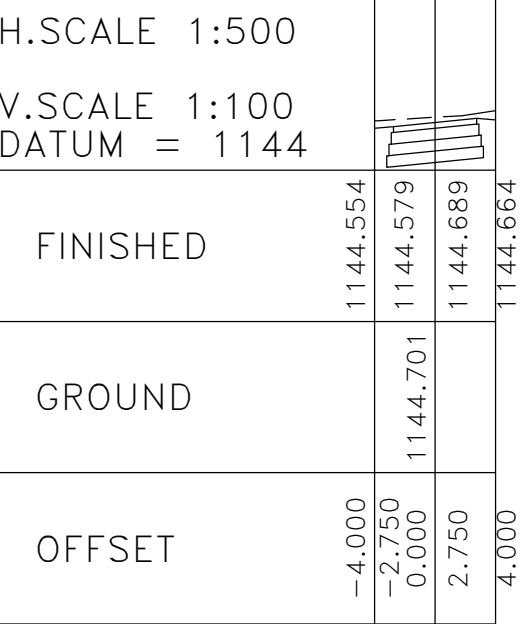
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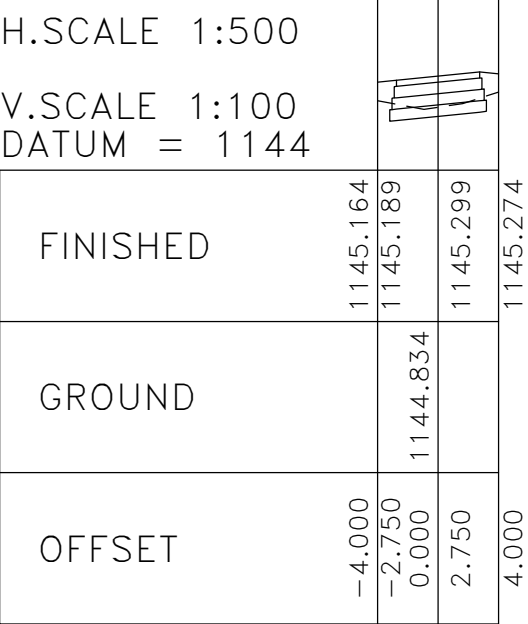
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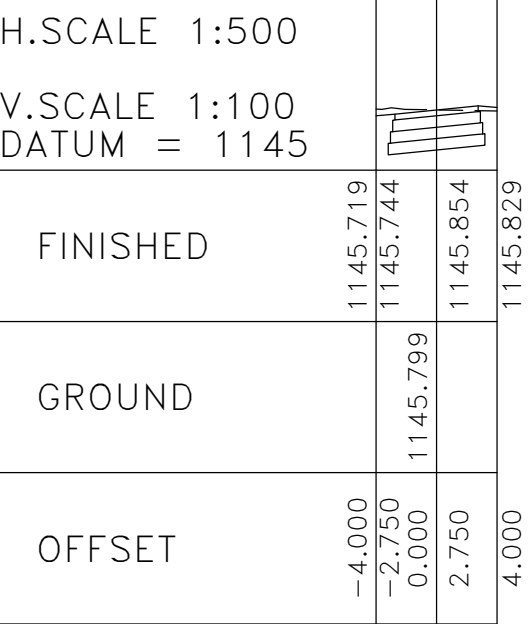
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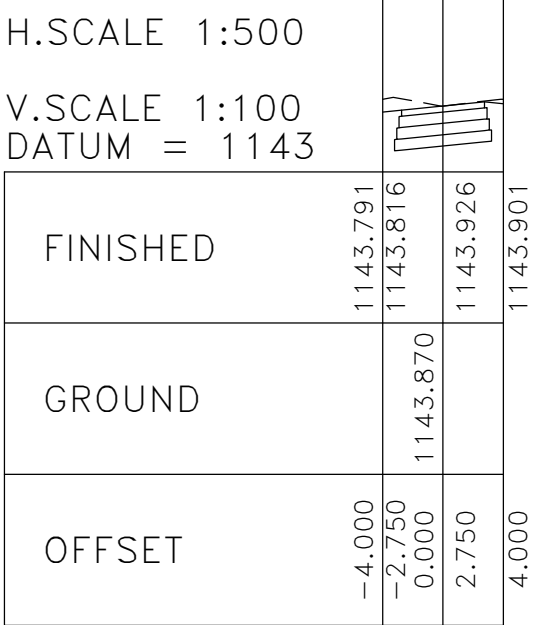
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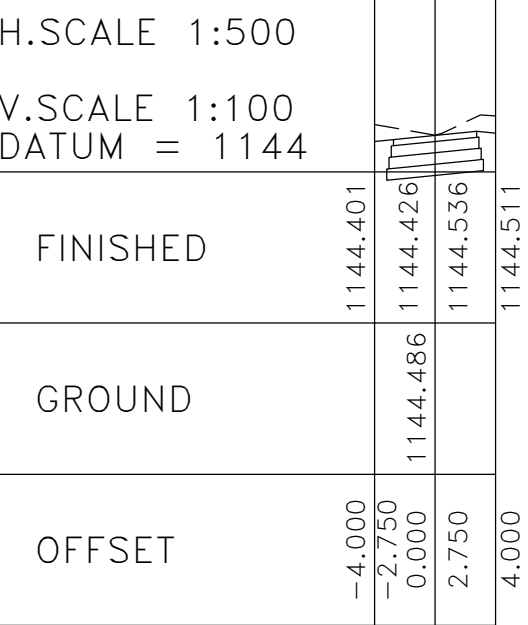
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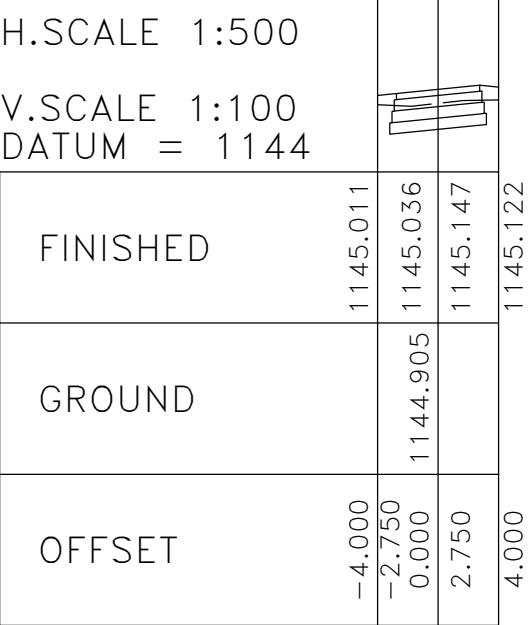
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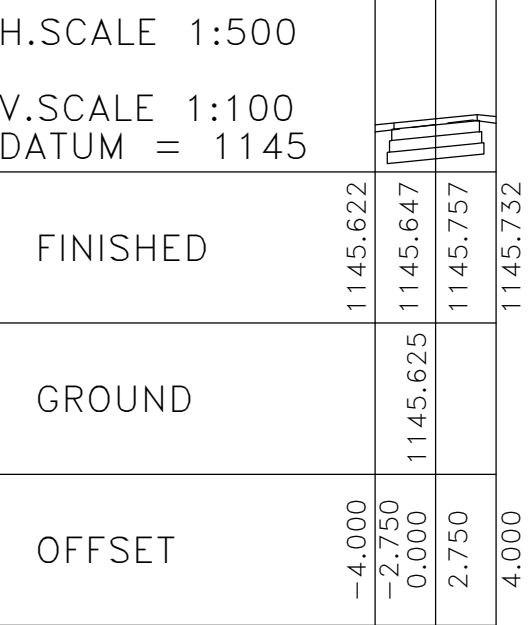
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CHAINAGE 160



CHAINAGE 240



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AS-BUILT RECORD			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT :

ENGINEERDATE

VERSION/AMENDMENTS			
No.	DATE	DESCRIPTION	AUTHORISED BY
A	JAN 2024	ISSUED FOR APPROVAL	L. MASHELE



HOXANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157


Tel: +27(0) 12 000 4888
Fax: 086 663 1259

PROJECT TITLE:
BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4

DRAWING TITLE:
ROAD D CROSS SECTIONS

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288



BELA BELA MUNICIPALITY

050100

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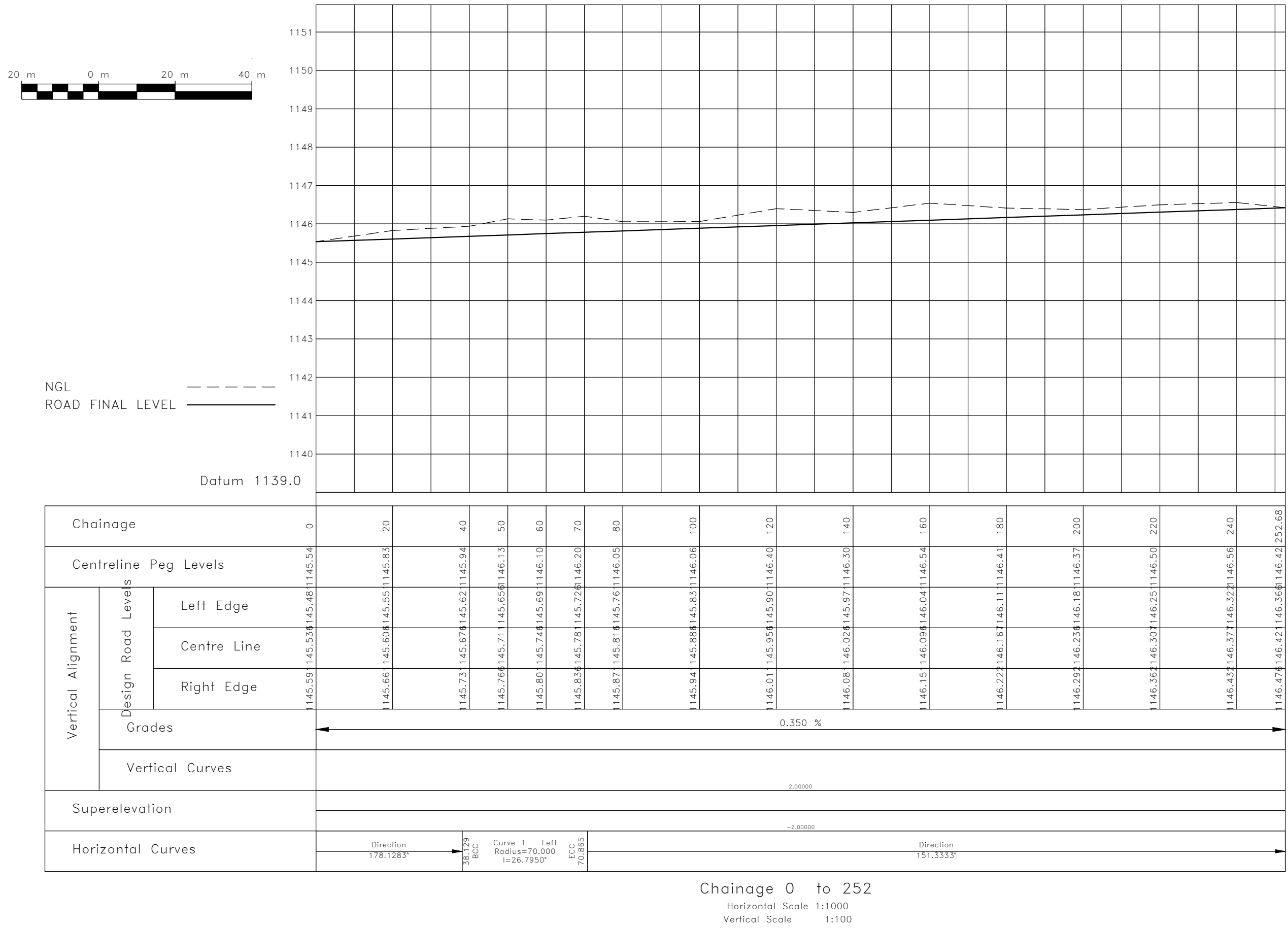
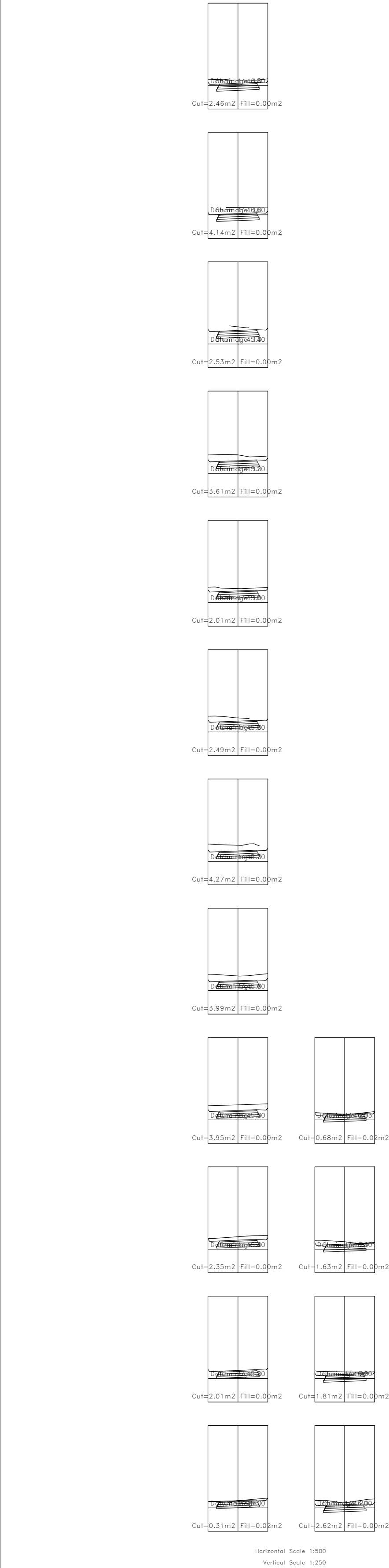
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CLIENT OR ASSIGNEE:DATE:CLIENT DRAWING No.:CLIENT REF No.:

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DRAWN	LA SENTI	APPROVED	L. MASHELE

CO-ORDINATE SYSTEM:Pr No: 2018300248



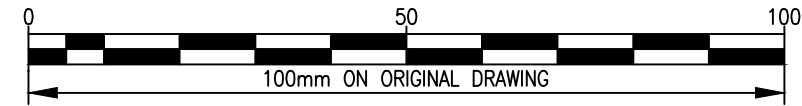
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ENGINEER'S SIGNATURE:DATE:ENGINEERING No.:HCE - BBLM - P - 009VERSION: A



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CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY	CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4		Chris hani Drive, Bela Bela Private Bag X1609 0480		DRAWN LA SENTI APPROVED L. MASHELE		CO-ORDINATE SYSTEM: Pr No: 2018300248	
								DRAWING TITLE: ROAD E LONG SECTION		Tel: 014 736 8000 Fax: 014 736 3288		APPROVED: CLIENT OR ASSIGNEE: DATE: CLIENT DRAWING No.: CLIENT REF No.:		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS: ENGINEER'S SIGNATURE: DATE: DRAWING No.: HCE - BBLM - P - 010 VERSION: A	
CERTIFIED AS-BUILT FOR CONTRACT : ENGINEER DATE				A JULY 2022 ISSUED FOR APPROVAL L. MASHELE				HOXANA CONSULTING ENGINEERS No. 8 Bauhinia Street Berkley Office Park Highveld Technopark 0157 Tel: +27(0) 12 000 4888 Fax: 086 663 1259		BELA BELA MUNICIPALITY					

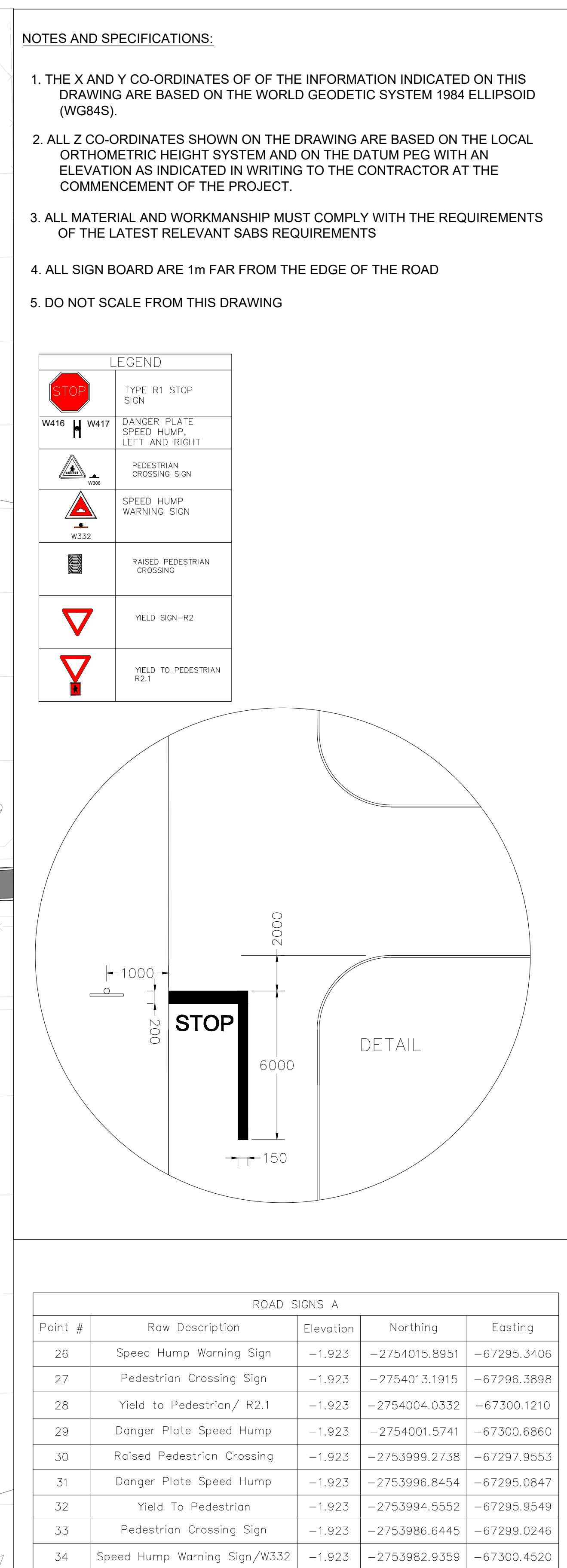
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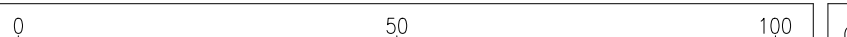
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CHECKED	T.VUNDLA	DESIGNED	LA SENTI																								
DRAWN	LA SENTI	APPROVED	L. MASHELE																								
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY	DRAWING TITLE: ROAD E CROSS SECTIONS		APPROVED:		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:															
										CLIENT OR ASSIGNEE: _____ DATE: _____		ENGINEER'S SIGNATURE: _____ DATE: _____															
CERTIFIED AS-BUILT FOR CONTRACT : ENGINEER _____ DATE _____				A JAN 2024 ISSUED FOR APPROVAL L. MASHELE						CLIENT DRAWING No.: _____ CLIENT REF No.: _____		DRAWING No.: _____ VERSION: A															

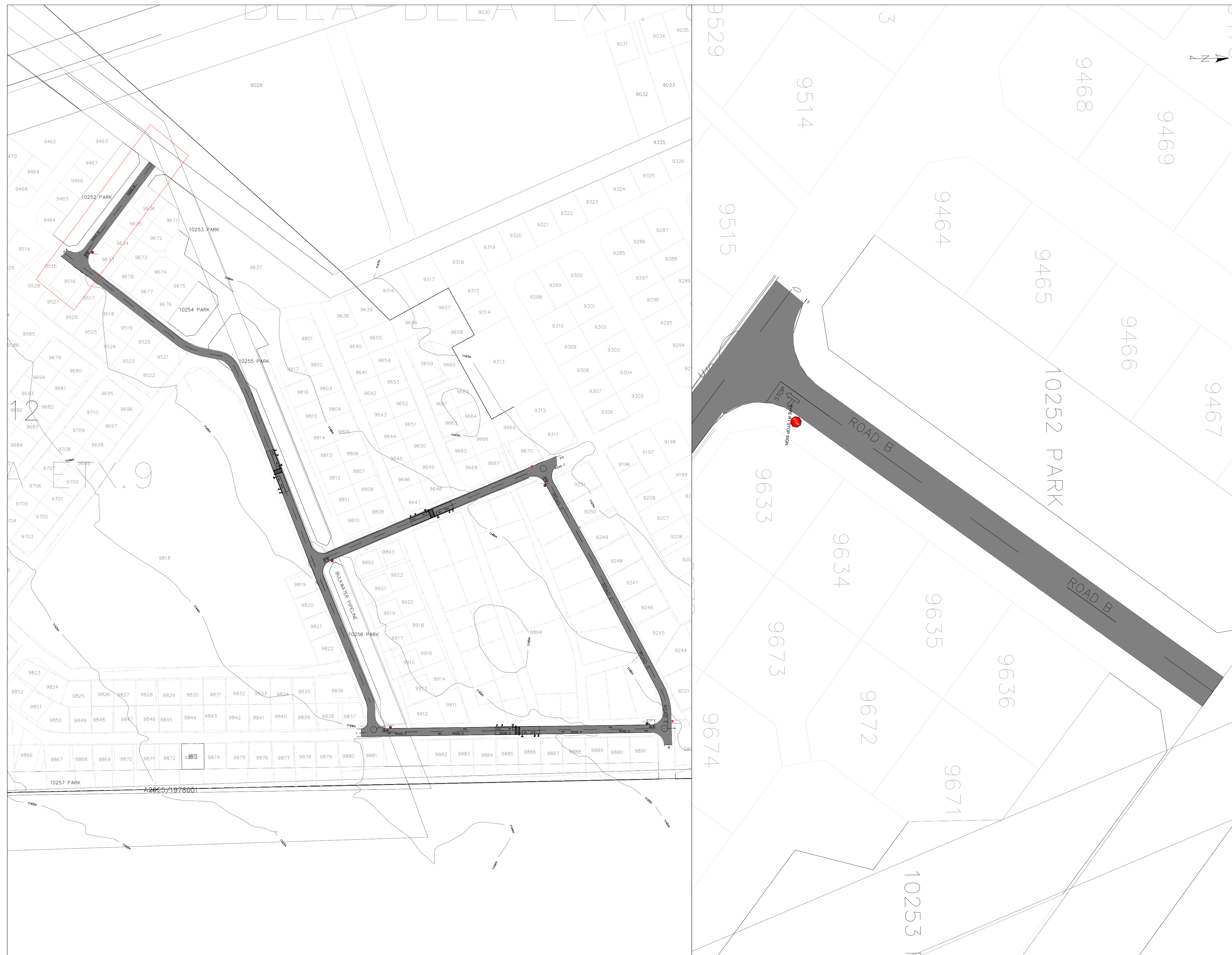


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CHECKED	T. VUNDLA	DESIGNED	LA SENTI
DRAWN	LA SENTI	APPROVED	L. MASHELE
CO-ORDINATE SYSTEM:		Pr No:	2018300248
APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:			
ENGINEER'S SIGNATURE: _____		DATE: _____	
DRAWING No.: HCE - BBLM - P - 012		VERSION: A	










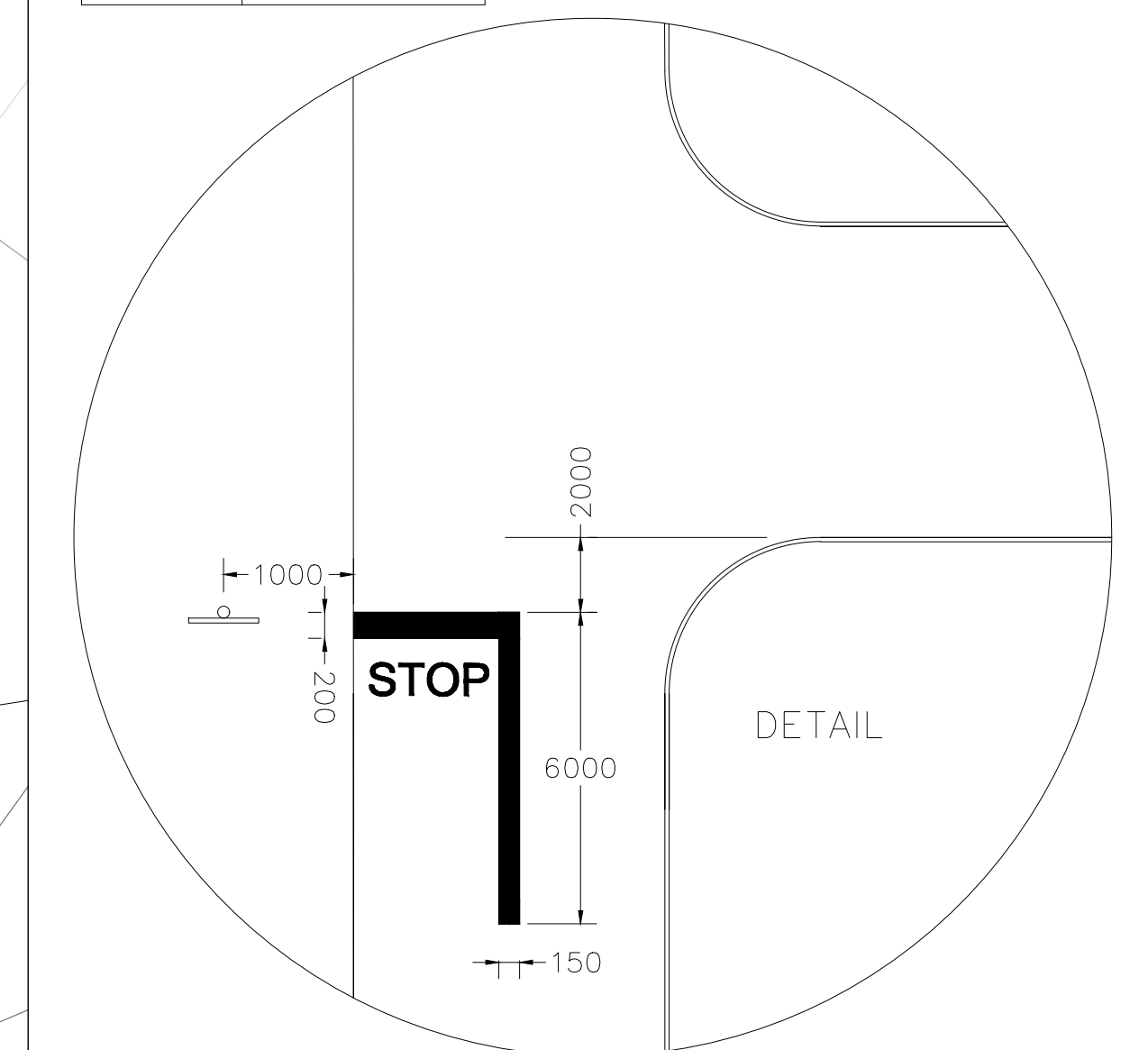
AS-BUILT RECORD				VERSION/AMENDMENTS				 HOXANA CONSULTING ENGINEERS No. 8 Bauhinia Street Berkley Office Park Highveld Technopark 0157 Tel: +27(0) 12 000 4888 Fax: 086 663 1259		PROJECT TITLE: <p align="center">BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4</p>		BELA BELA LOCAL MUNICIPALITY Chris hani Drive, Bela Bela Private Bag X1609 0480  Bela Bela Municipality Tel: 014 736 8000 Fax: 014 736 3288		 ORIGINAL DRAWING SCALE: _____ ORIGINAL DRAWING SHEET SIZE: A1		CHECKED: T.VUNDLA DESIGNED: T.VUNDLA DRAWN: K.NTE APPROVE: L. MASHELE	
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY	DRAWING TITLE: <p align="center">ROAD MARKINGS ROAD A</p>		APPROVED: CLIENT OR ASSIGNEE: _____ DATE: _____		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS: ENGINEER'S SIGNATURE: _____ DATE: _____					
										CLIENT DRAWING No.: BBLM-RM-R001		DRAWING No.: BBLM-RM-R001					
										CLIENT REF No.: _____		VERSION: A					
CERTIFIED AS-BUILT FOR CONTRACT : <div style="display: flex; justify-content: space-between;"> ENGINEER DATE </div>																	



NOTES AND SPECIFICATIONS:

1. THE X AND Y CO-ORDINATES OF OF THE INFORMATION INDICATED ON THIS DRAWING ARE BASED ON THE WORLD GEODETIC SYSTEM 1984 ELLIPSOID (WG84S).
2. ALL Z CO-ORDINATES SHOWN ON THE DRAWING ARE BASED ON THE LOCAL ORTHOMETRIC HEIGHT SYSTEM AND ON THE DATUM PEG WITH AN ELEVATION AS INDICATED IN WRITING TO THE CONTRACTOR AT THE COMMENCEMENT OF THE PROJECT.
3. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS
4. ALL SIGN BOARD ARE 1m FAR FROM THE EDGE OF THE ROAD
5. DO NOT SCALE FROM THIS DRAWING

LEGEND	
	TYPE R1 STOP SIGN
W416  W417	DANGER PLATE SPEED HUMP, LEFT AND RIGHT
 W300	PEDESTRIAN CROSSING SIGN
 W332	SPEED HUMP WARNING SIGN
	RAISED PEDESTRIAN CROSSING
	YIELD SIGN-R2
	YIELD TO PEDESTRIAN R2.1



ROAD SIGNS B				
Point #	Raw Description	Elevation	Northing	Easting
25	TYPE R1 STOP SIGN	-1.212	-2753828.2705	-67442.6252

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AS-BUILT RECORD			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT :

	_____ ENGINEER	_____ DATE
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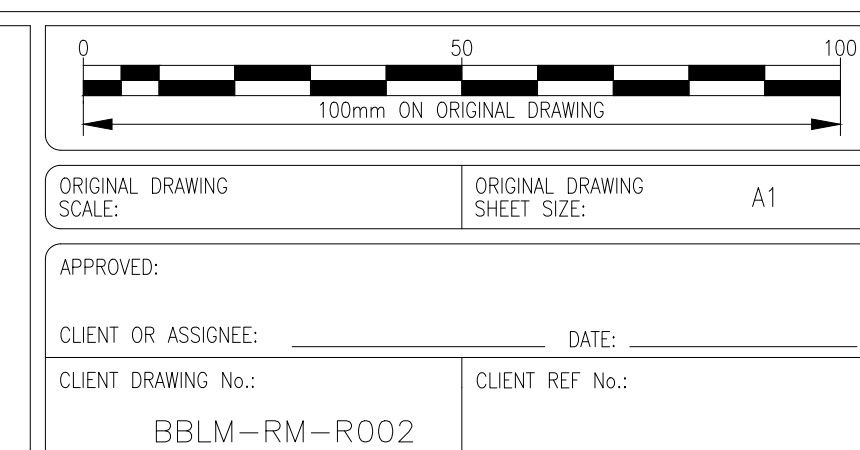
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<p>PROJECT TITLE:</p> <p>BELA BELA EXT 4</p> <p>CONSTRUCTION OF ROAD PAVING AND BULK</p> <p>STORMWATER IN BELA BELA X8-PHASE 4</p>	
<p>DRAWING TITLE:</p> <p>ROAD MARKINGS</p> <p>ROAD B</p>	

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288

Bela Bela Municipality






The logo of Bela Bela Municipality is a shield-shaped emblem. The top left section is yellow with a black silhouette of a crane. The top right section is green with a black silhouette of a tree. The bottom section is divided by a wavy blue and white pattern, resembling water. Below the shield is a white banner with the Latin motto 'FALUX ET VITA' in black capital letters.

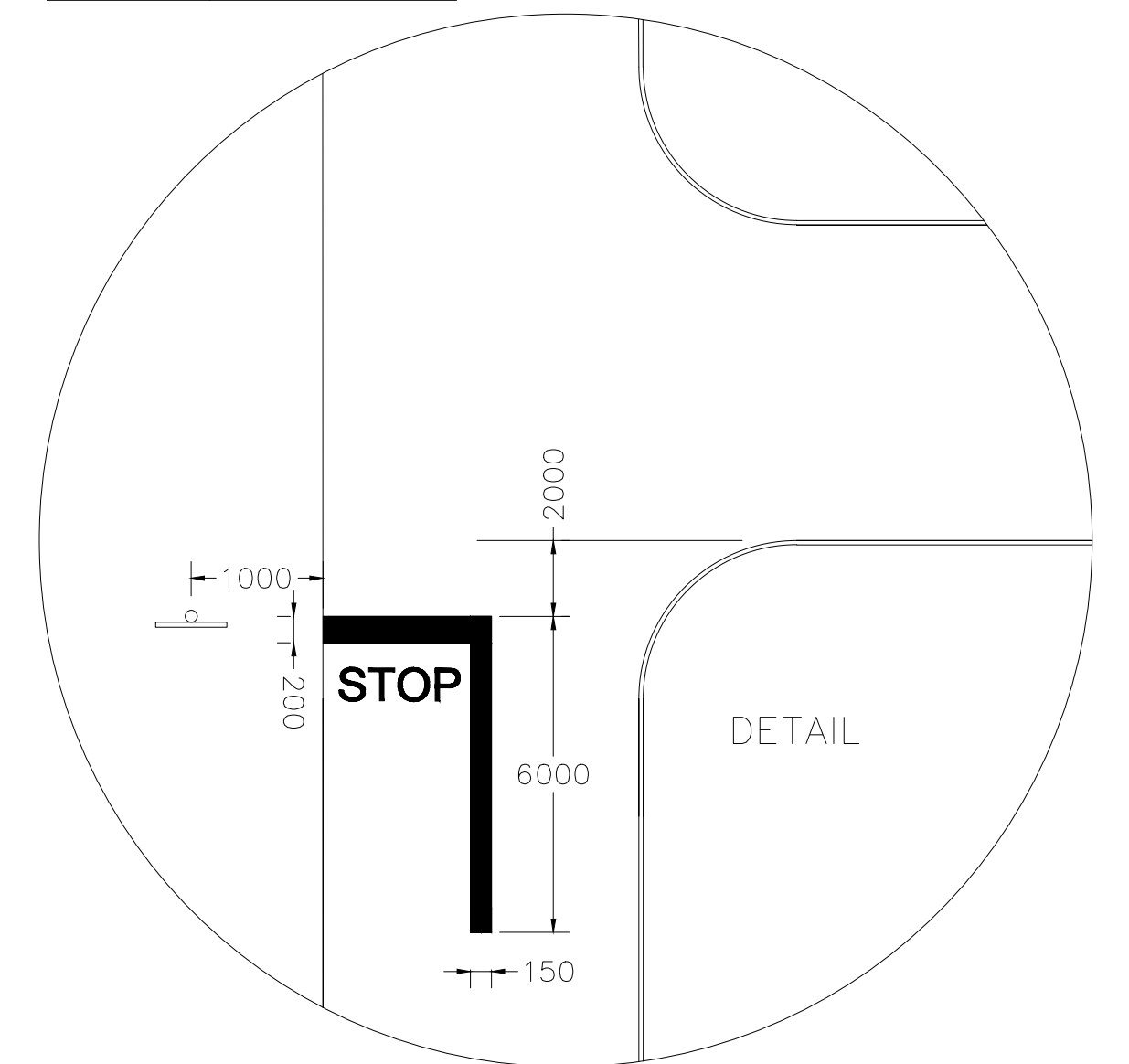
CHECKED	T.VUNDLA	DESIGNED	T.VUNDLA
DRAWN	K.NTE	APPROVE	L. MASHELE
CO-ORDINATE SYSTEM:		Pr No:	2018300248
APPROVED ON BEHALF OF HOKANA CONSULTING ENGINEERS:			
ENGINEER'S SIGNATURE: _____		DATE: _____	
DRAWING No.: BBLM-RM-ROO2		VERSION: A	



NOTES AND SPECIFICATIONS:

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2. ALL Z CO-ORDINATES SHOWN ON THE DRAWING ARE BASED ON THE LOCAL ORTHOMETRIC HEIGHT SYSTEM AND ON THE DATUM PEG WITH AN ELEVATION AS INDICATED IN WRITING TO THE CONTRACTOR AT THE COMMENCEMENT OF THE PROJECT.
3. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS
4. ALL SIGN BOARD ARE 1m FAR FROM THE EDGE OF THE ROAD
5. DO NOT SCALE FROM THIS DRAWING

LEGEND	
 W416 H W417	TYPE R1 STOP SIGN
 W332	PEDESTRIAN CROSSING SIGN SPEED HUMP WARNING SIGN
	RAISED PEDESTRIAN CROSSING
	YIELD SIGN-R2
	YIELD TO PEDESTRIAN R2.1



Point Table				
Point #	Row Description	Elevation	Northing	Easting
1	Speed Hump Warning Sign/W332	-0.001	-2754029.1209	-67161.4483
2	Pedestrian Crossing Sign	-0.001	-2754030.2363	-67164.1247
3	Yield to Pedestrian/R2.1	-0.001	-2754034.1906	-67173.1895
4	Danger Plate Speed Hump	-0.001	-2754034.8157	-67175.6340
5	Danger Plate Speed Hump	-0.001	-2754029.3350	-67180.4999
6	Yield To Pedestrian/R2.1	-0.001	-2754030.2527	-67182.7628
7	Pedestrian Crossing Sign	-0.001	-2754033.5163	-67190.5980
8	Pedestrian Crossing Sign	-0.001	-2754035.0408	-67194.2580
9	Type R1 Stop Sign	-0.367	-2754068.9899	-67255.6654

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AS-BUILT RECORD

CONTRACT NO.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT :


ENGINEER DATE

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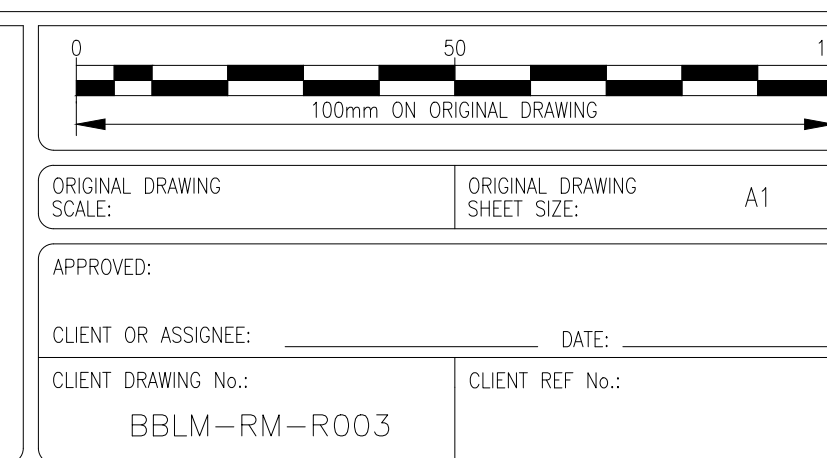
HOXANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157

<p>Information is not supplied to us by other parties.</p>	
<p>PROJECT TITLE:</p>	<p>BELA BELA EXT 4</p> <p>CONSTRUCTION OF ROAD PAVING AND BULK</p> <p>STORMWATER IN BELA BELA X8-PHASE 4</p>
<p>DRAWING TITLE:</p>	<p>ROAD MARKINGS</p> <p>ROAD C</p>

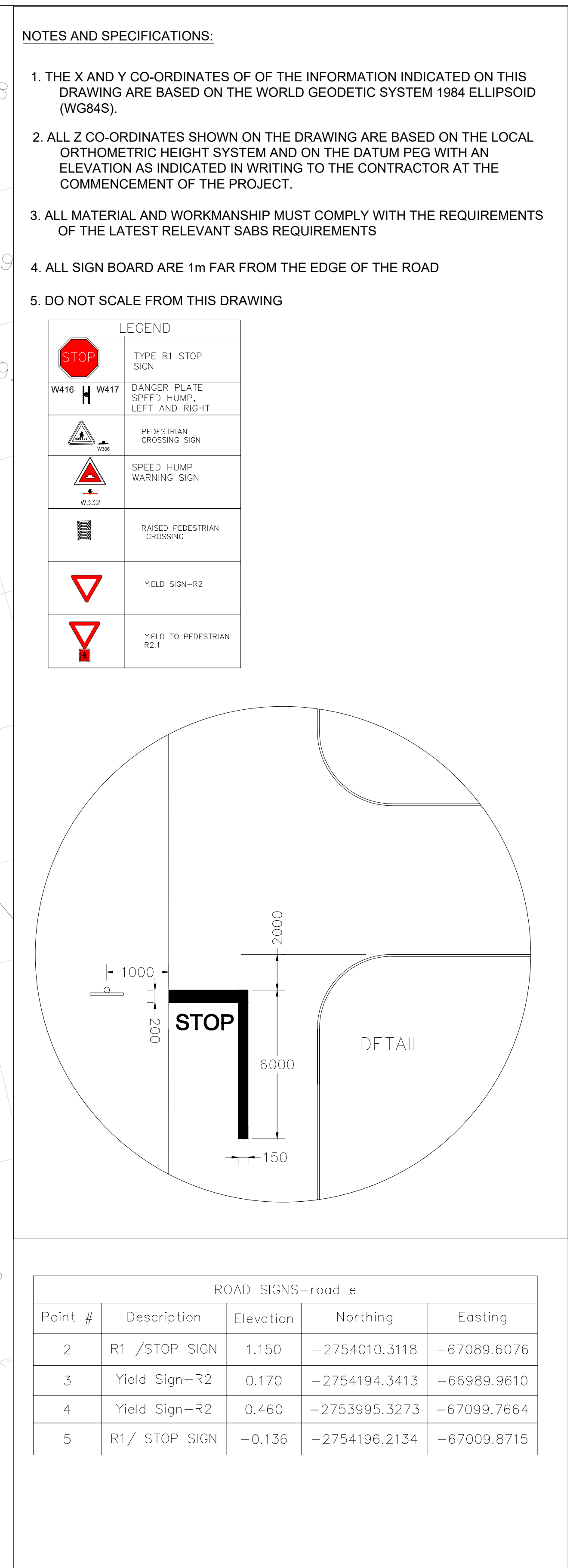
BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private X1609
0480


The logo of Bela Bela Municipality is a shield-shaped emblem. The top half is yellow with a black silhouette of a person holding a staff. The bottom half is divided into blue and white wavy sections. A banner at the bottom reads 'ALUIS ET VITA'. The shield is set against a green background with a tree.

Bela Bela Municipality



CHECKED	T.VUNDLA	DESIGNED	T.VUNDLA
DRAWN	K.NTE	APPROVE	L. MASHELE
CO-ORDINATE SYSTEM:		Pr No:	2018300248
APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:			
ENGINEER'S SIGNATURE: _____		DATE: _____	
DRAWING No.: BBLM-RM-R003		VERSION: A	



AS-BUILT RECORD				VERSION/AMENDMENTS				 <p style="margin-top: 10px;">HOXANA CONSULTING ENGINEERS</p> <p>HOXANA CONSULTING ENGINEERS Tel: +27(0) 12 000 4888 No. 8 Bauhinia Street Fax: 086 663 1259 Berkley Office Park Highveld Technopark 0157</p>	PROJECT TITLE:		BELA BELA E	
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY		CONSTRUCTION OF ROAD P			
									STORMWATER IN BELA B			
									DRAWING TITLE:			
CERTIFIED AS-BUILT FOR CONTRACT :									ROAD MARKINGS ROAD E			
<div style="display: flex; justify-content: space-between; align-items: center;"> _____ ENGINEER _____ DATE </div>												

[illegible]

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HOXANA CONSULTING ENGINEERS
 No. 8 Bauhinia Street
 Berkley Office Park
 Highveld Technopark
 0157

PROJECT TITLE:	BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4
DRAWING TITLE:	ROAD MARKINGS ROAD E

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288


Bela Bela Municipality

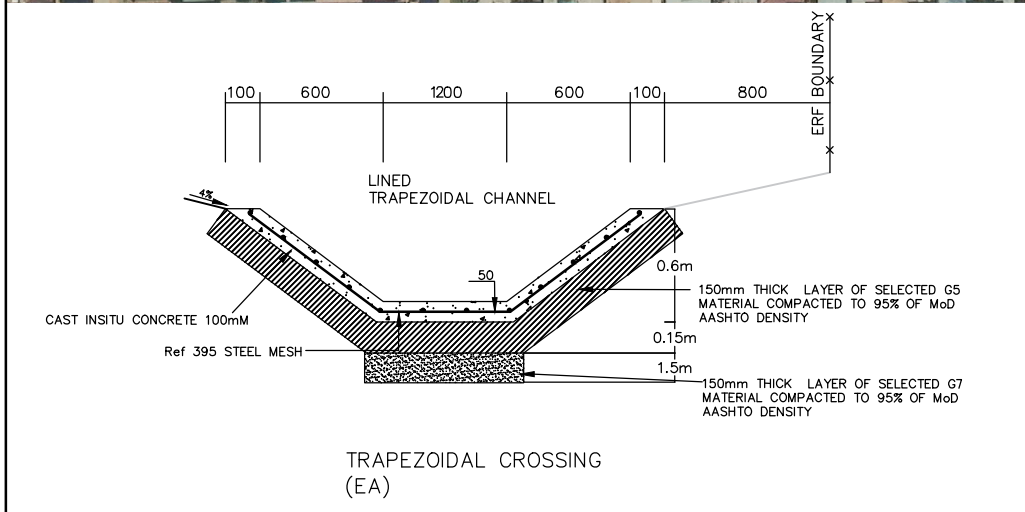
	
ORIGINAL DRAWING SCALE:	ORIGINAL DRAWING SHEET SIZE: A1
APPROVED:	
CLIENT OR ASSIGNEE: _____ DATE: _____	
CLIENT DRAWING No.: BBLM-RM-R005	CLIENT REF No.:

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DRAWN	K.NTE	APPROVE	L. MASHELE
CO-ORDINATE SYSTEM		Pr No:	2018300248
APPROVED ON BEHALF OF HOXMANA CONSULTING ENGINEERS:			
ENGINEER'S SIGNATURE: _____		DATE: _____	
DRAWING No.: BBLM-RM-R005		VERSION: A	



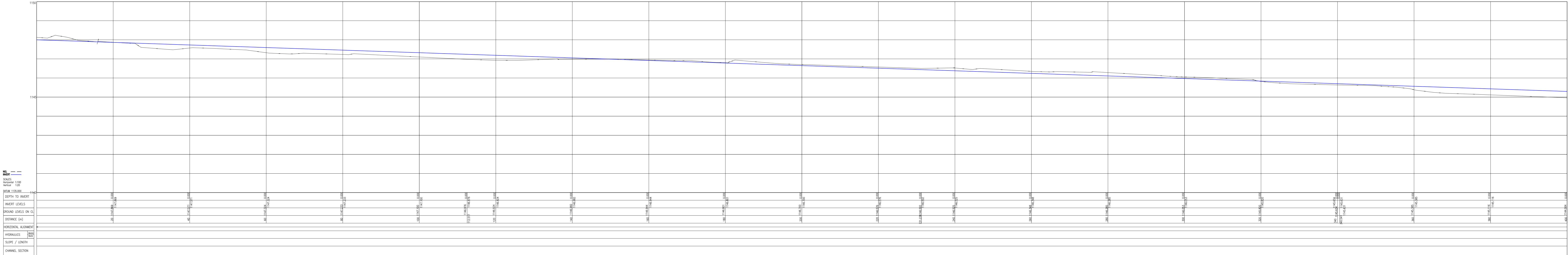
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AS-BUILT RECORD				VERSION/AMENDMENTS				PROJECT TITLE:		BELA BELA LOCAL MUNICIPALITY		0 50 100 100mm ON ORIGINAL DRAWING		CHECKED T.VUNDLA DESIGNED LA SENTI DRAWN F.MHLANGA APPROVED L. MASHELE			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY	BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4		Chris hani Drive, Bela Bela Private Bag X1609 0480		ORIGINAL DRAWING SCALE: ORIGINAL DRAWING SHEET SIZE: A1		CO-ORDINATE SYSTEM: Pr No: 2018300248			
								DRAWING TITLE:		Tel: 014 736 8000 Fax: 014 736 3288		APPROVED:		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:			
CERTIFIED AS-BUILT FOR CONTRACT :								STORMWATER LAYOUT PLAN Sheet 1 of 2				CLIENT OR ASSIGNEE: DATE:		ENGINEER'S SIGNATURE: DATE:			
ENGINEER DATE				B 06/06/2024 ISSUED FOR PDR INFORMATION L.Mashela A 1 JAN 2024 ISSUED FOR APPROVAL L. MASHELE								CLIENT DRAWING No.: HCE - BBLM - SW - 001		CLIENT REF No.: HCE - BBLM - SW - 001			
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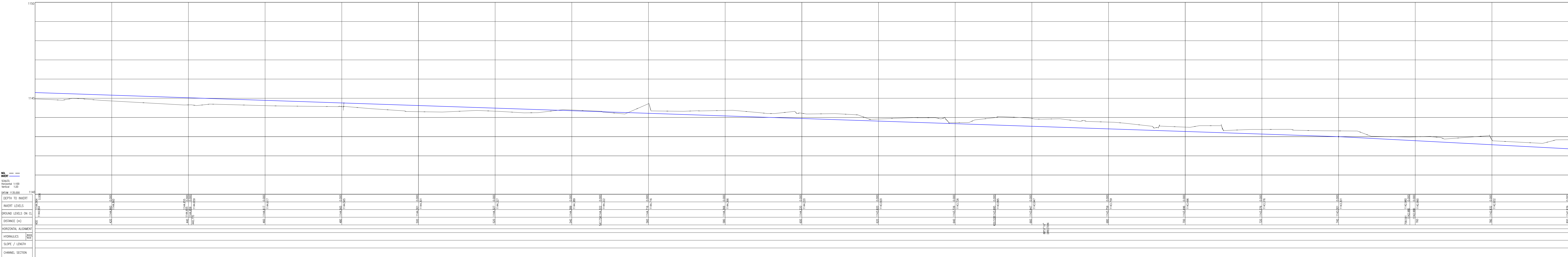


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AS-BUILT RECORD				VERSION/AMENDMENTS				PROJECT TITLE:		BELA BELA LOCAL MUNICIPALITY		0 50 100 100mm ON ORIGINAL DRAWING		CHECKED T.VUNDLA DESIGNED LA SENTI DRAWN F.MHLANGA APPROVED L. MASHELE			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY										
CERTIFIED AS-BUILT FOR CONTRACT :																	
ENGINEER DATE																	
				B 06/06/2024	ISSUED FOR PDR INFORMATION		L.Mashela	STORMWATER LAYOUT PLAN		Tel: 014 736 8000		APPROVED:		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:			
				A 1 JAN 2024	ISSUED FOR INFORMATION		L. MASHELE	Sheet 2 of 2		Fax: 014 736 3288		CLIENT OR ASSIGNEE: DATE:		ENGINEER'S SIGNATURE: DATE:			
										Belus et Viti		CLIENT DRAWING No.: DATE:		DRAWING No.: VERSION:			
										BELA BELA MUNICIPALITY		HCE - BBLM - SW - 002		HCE - BBLM - SW - 002			
														HCE - BBLM - SW - 002			



LONGSECTION CHANNEL ALIGNMENT- (1)
FROM 0.000 TO 400.00



LONGSECTION CHANNEL ALIGNMENT- (1)
FROM 400.00 TO 800.00

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AS-BUILT RECORD			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT :

ENGINEER
DATE

VERSION/AMENDMENTS			
No.	DATE	DESCRIPTION	AUTHORISED BY



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Berkley Office Park
Highveld Technopark
0157

Tel: +27(0) 12 000 4888
Fax: 086 663 1259

PROJECT TITLE:


**BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4**

DRAWING TITLE:

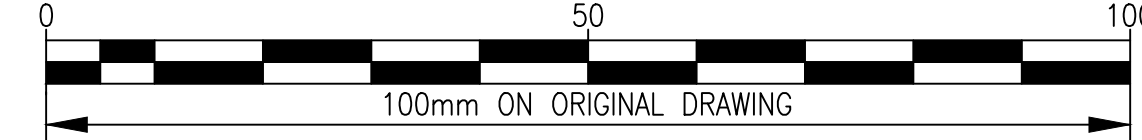
**LONG SECTION
LAYOUT 1 OF 3**

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288



Bela Bela Municipality



0 50 100
100mm ON ORIGINAL DRAWING

ORIGINAL DRAWING SCALE:

ORIGINAL DRAWING SHEET SIZE: A1

APPROVED:

CLIENT OR ASSIGNEE: _____ DATE: _____

CLIENT DRAWING No.: _____ CLIENT REF No.: _____

BBM-LS-001

CHECKED	T.VUNDLA	DESIGNED	T.VUNDLA
DRAWN	K.NTE	APPROVE	L. MASHELE

CO-ORDINATE SYSTEM:

Pr No: 2018300248

APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:

ENGINEER'S SIGNATURE: _____ DATE: _____

DRAWING No.: BBM-LS-001 VERSION: A



AS-BUILT RECORD			
CONTRACT NO.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT : _____

_____ ENGINEER
_____ DATE

[illegible]

HOXANA CONSULTING
ENGINEERS

HOXANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
Berkley Office Park
Hendyeh Technopark
0157

Tel: +27(0) 12 000 4888
Fax: 086 663 1259

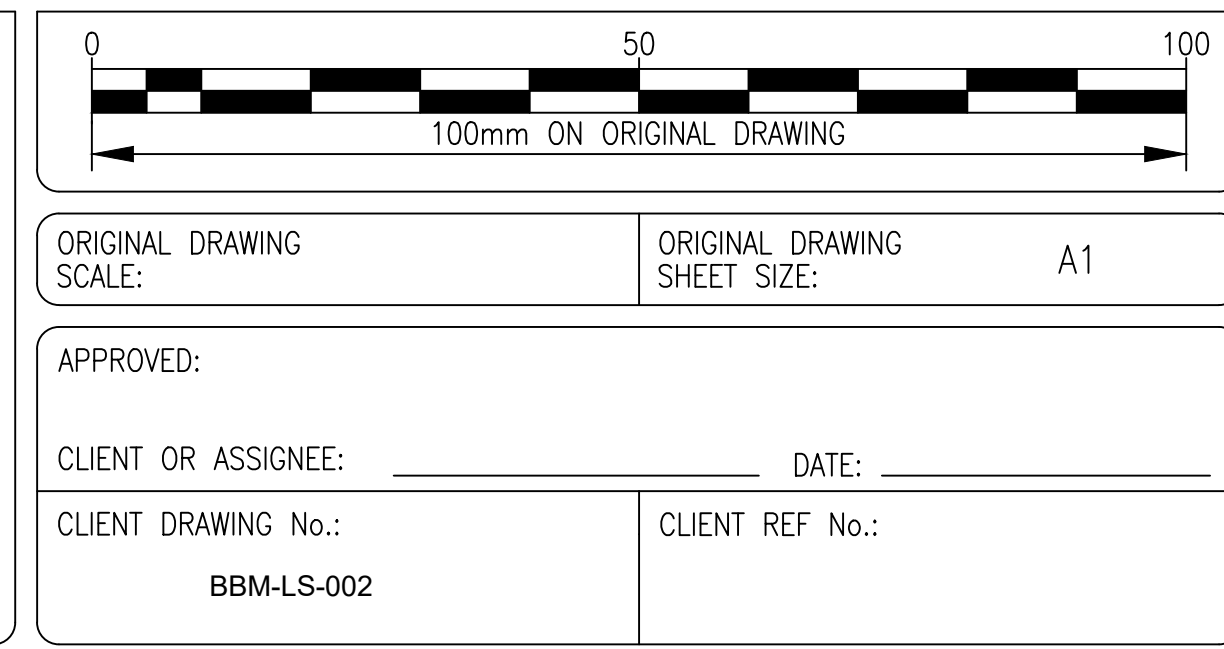
PROJECT TITLE:	BELA BELA EXT 4 CONSTRUCTION OF ROAD PAVING AND BULK STORMWATER IN BELA BELA X8-PHASE 4
DRAWING TITLE:	LONG SECTION LAYOUT 2 OF 3

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288



Bela Bela Municipality



CHECKED	T.VUNDLA	DESIGNED	T.VUNDLA
DRAWN	K.NTE	APPROVE	L. MASHELE
CO-ORDINATE SYSTEM:		Pr No:	2018300248
APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:			
ENGINEER'S SIGNATURE: _____ DATE: _____			
DRAWING No.: BBM-LS-002			VERSION: A

[illegible]

HOXANA CONSULTING ENGINEERS

No. 8 Bauhinia Street
Berkley Office Park
Highveld Technopark
0157

Tel: +27(0) 12 000 4888
Fax: 086 663 1259

PROJECT TITLE:

BELA BELA EXT 4

**CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4**


DRAWING TITLE:

**LONG SECTION
LAYOUT 3 OF 3**

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480



Bela Bela Municipality

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CHECKED	T.VUNDLA	DESIGNED	T.VUNDLA								
DRAWN	K.NTE	APPROVE	L. MASHELE								
ORIGINAL DRAWING SCALE:	ORIGINAL DRAWING SHEET SIZE: A1	CO-ORDINATE SYSTEM:	Pr No: 2018300248								
APPROVED:		APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:									
CLIENT OR ASSIGNEE: _____ DATE: _____		ENGINEER'S SIGNATURE: _____ DATE: _____									
CLIENT DRAWING No.: BBM-LS-003	CLIENT REF No.:	DRAWING No.: BBM-LS-003	VERSION: A								

Only to be used when no alternative exists

1. MINIMUM CONCRETE STRENGTH OF ALL CAST-IN-SITU KERBS TO BE CLASS 25/19.
2. CONCRETE GUTTER TO HAVE A STEEL TROWEL FINISH
3. CAST-IN-SITU KERBING IS NOT BE ALLOWED
4. CONCRETE TAPPING TO GUTTERS AND CAST-IN-SITU KERBING IS NOT ACCEPTABLE.

[illegible]

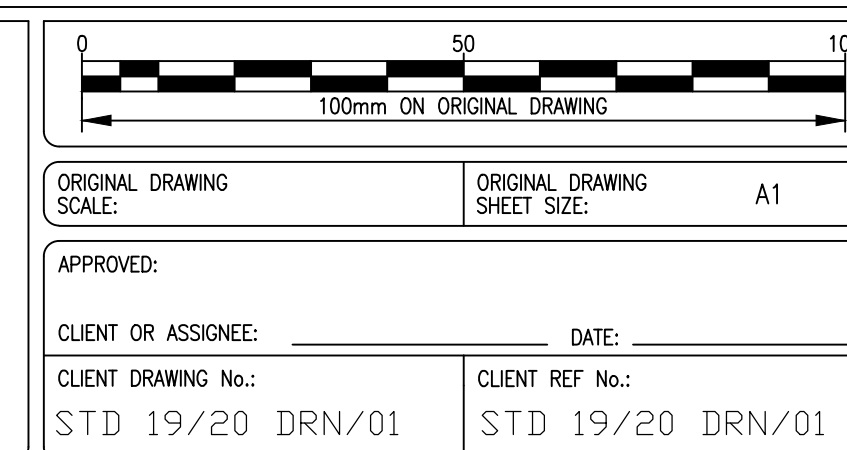

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HOXANA CONSULTING ENGINEERS Tel: +27(0) 12 000 4888
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Berkley Office Park
Highveld Technopark
0157

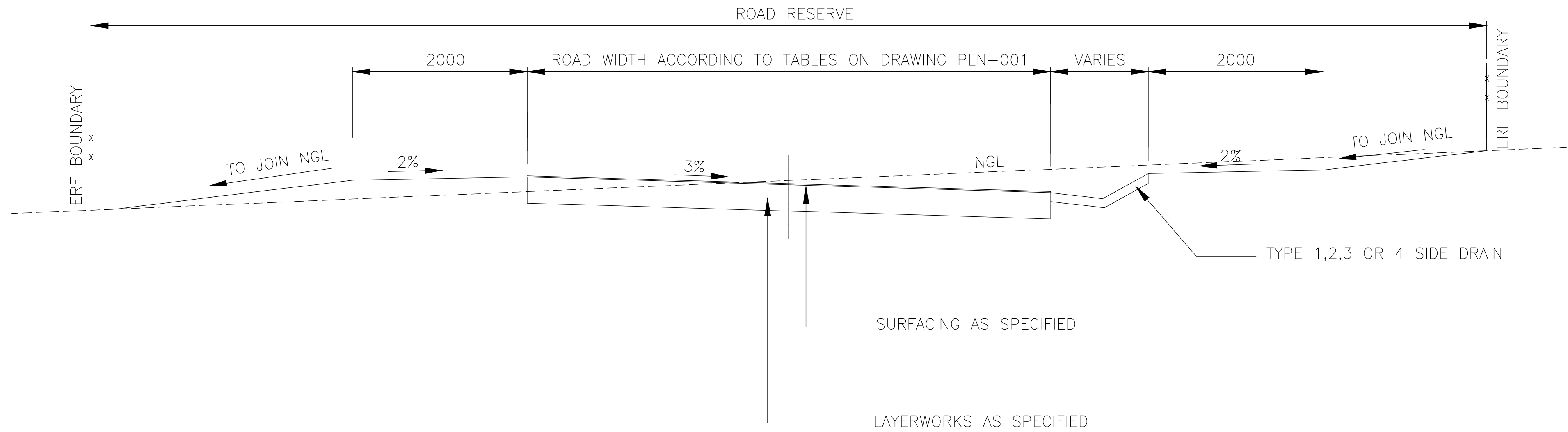
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DRAWING TITLE:	DETAILS PAVED ROAD & SIDE SMALL DRAIN



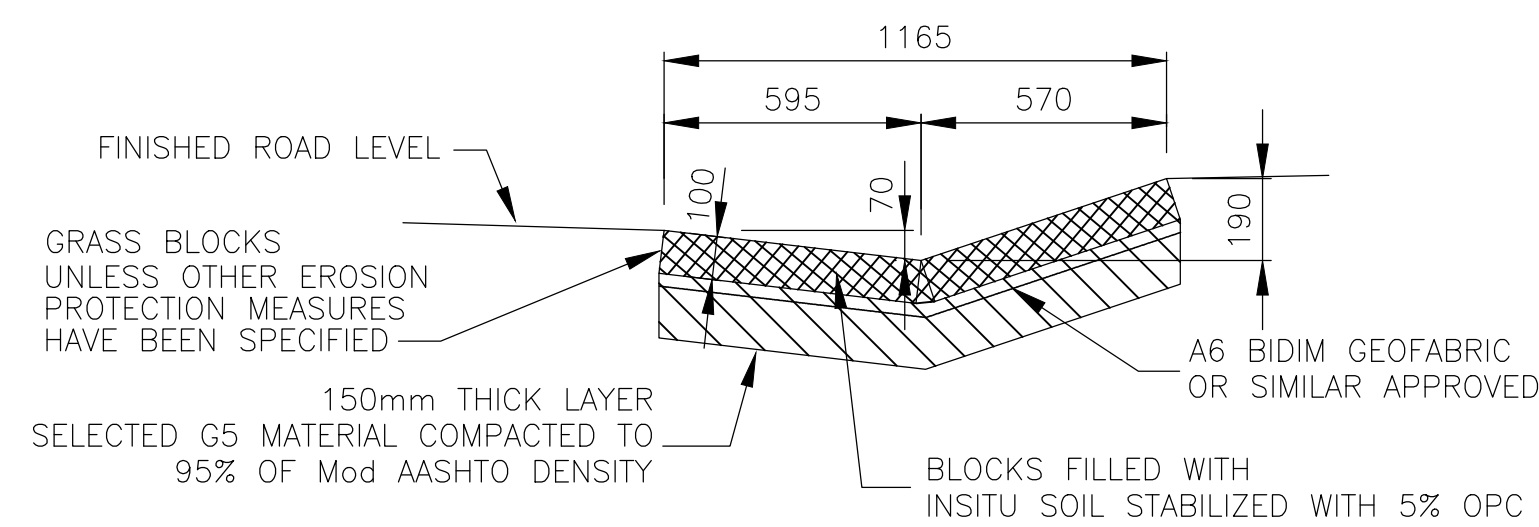
Bela Bela Municipality



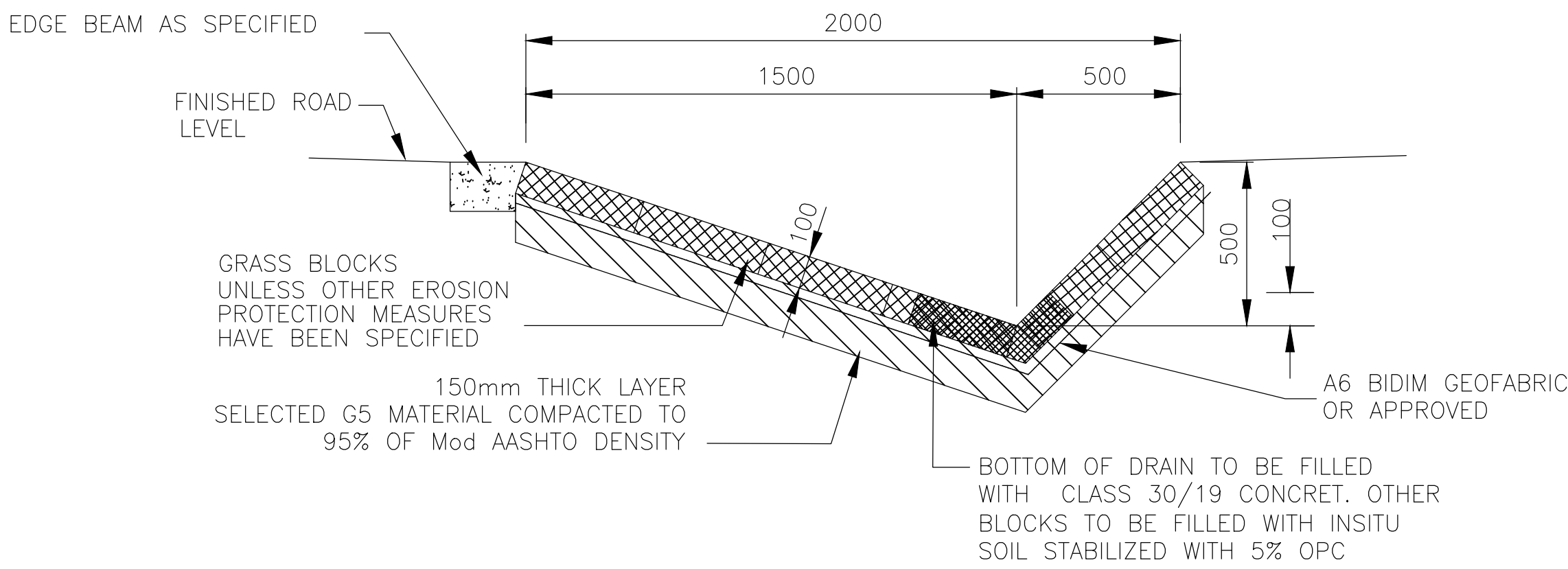
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	DRAWN	K.NTE	APPROVE	L. MASHELE
	CO-ORDINATE SYSTEM:		Pr No:	2018300248
APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS:				
ENGINEER'S SIGNATURE: _____			DATE: _____	
DRAWING No.: STD 19/20 DRN/01			VERSION: A	



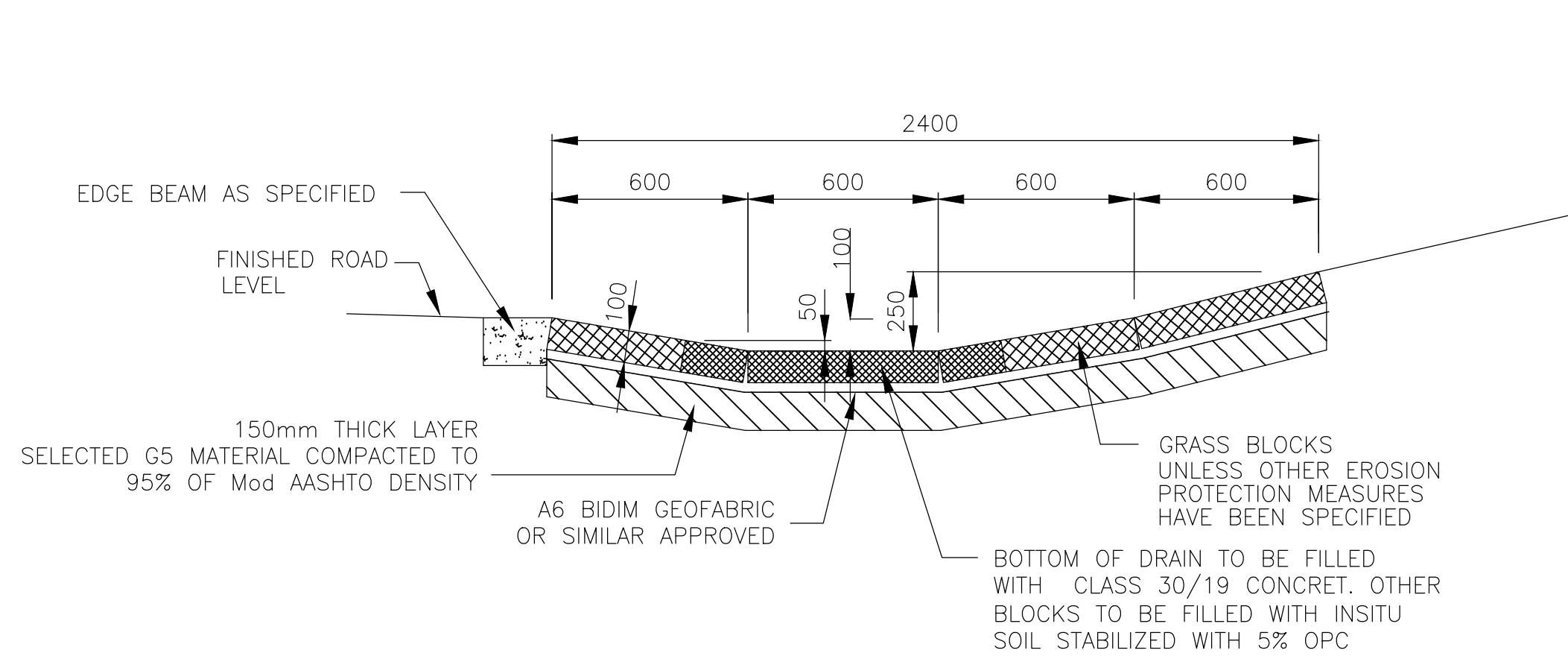
TYPICAL ROAD SECTION



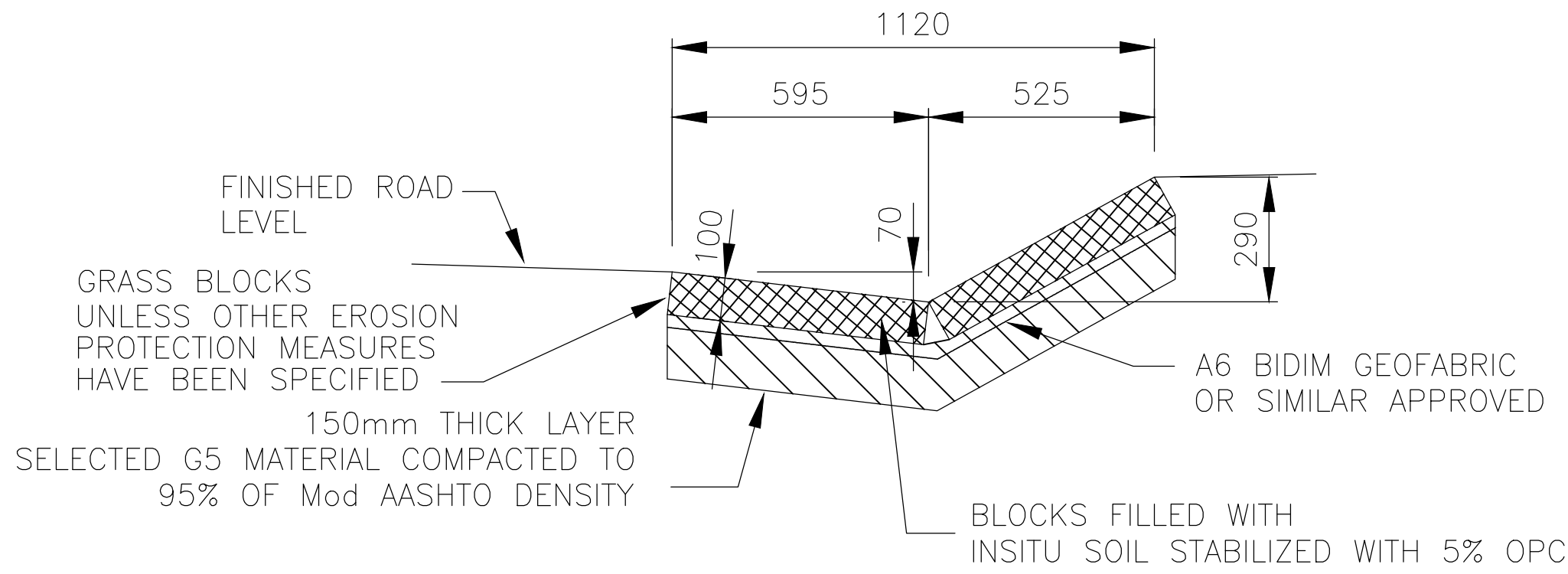
TYPE 1: SMALL SIDE DRAIN ALLOWING ERF ACCESS



TYPE 4: LARGE SIDE DRAIN WITH NO ERF ACCESS



TYPE 3: LARGE SIDE DRAIN ALLOWING ERF ACCESS



TYPE 2 :SMALL SIDE DRAIN WITH NO ERF ACCESS

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AS-BUILT RECORD			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE

CERTIFIED AS-BUILT FOR CONTRACT :

ENGINEER

DATE

VERSION/AMENDMENTS			
No.	DATE	DESCRIPTION	AUTHORISED BY

HOXANA CONSULTING ENGINEERS
No. 8 Bauhinia Street
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PROJECT TITLE:
**BELA BELA EXT 4
CONSTRUCTION OF ROAD PAVING AND BULK
STORMWATER IN BELA BELA X8-PHASE 4**

DRAWING TITLE:
**SURFACE DRAINAGE
DETAILS**

BELA BELA LOCAL MUNICIPALITY
Chris hani Drive, Bela Bela
Private Bag X1609
0480

Tel: 014 736 8000
Fax: 014 736 3288

Bela Bela Municipality

0

50

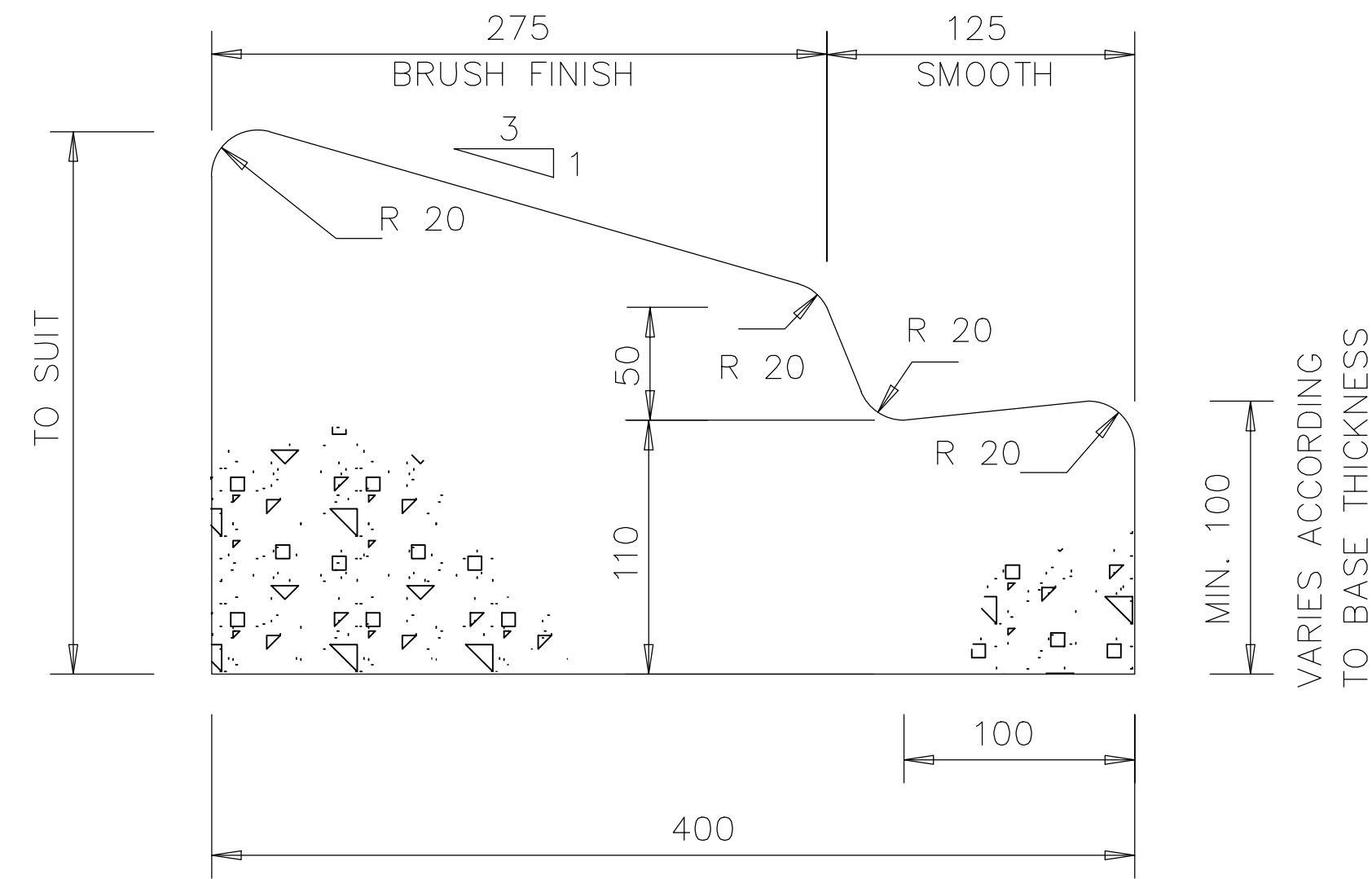
100

100mm ON ORIGINAL DRAWING

ORIGINAL DRAWING SCALE:	ORIGINAL DRAWING SHEET SIZE: A1
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APPROVED:
CLIENT OR ASSIGNEE: _____ DATE: _____
CLIENT DRAWING No.: STD 19/20 DRN/001 CLIENT REF No.: STD 19/20 DRN/001

CHECKED	T.VUNDLA	DESIGNED	T.VUNDLA
DRAWN	K.NTE	APPROVE	L. MASHELE
CO-ORDINATE SYSTEM:		Pr No:	2018300248
APPROVED ON BEHALF OF HOXANA CONSULTING ENGINEERS: ENGINEER'S SIGNATURE: _____ DATE: _____ DRAWING No.: STD 19/20 DRN/001 VERSION: A			

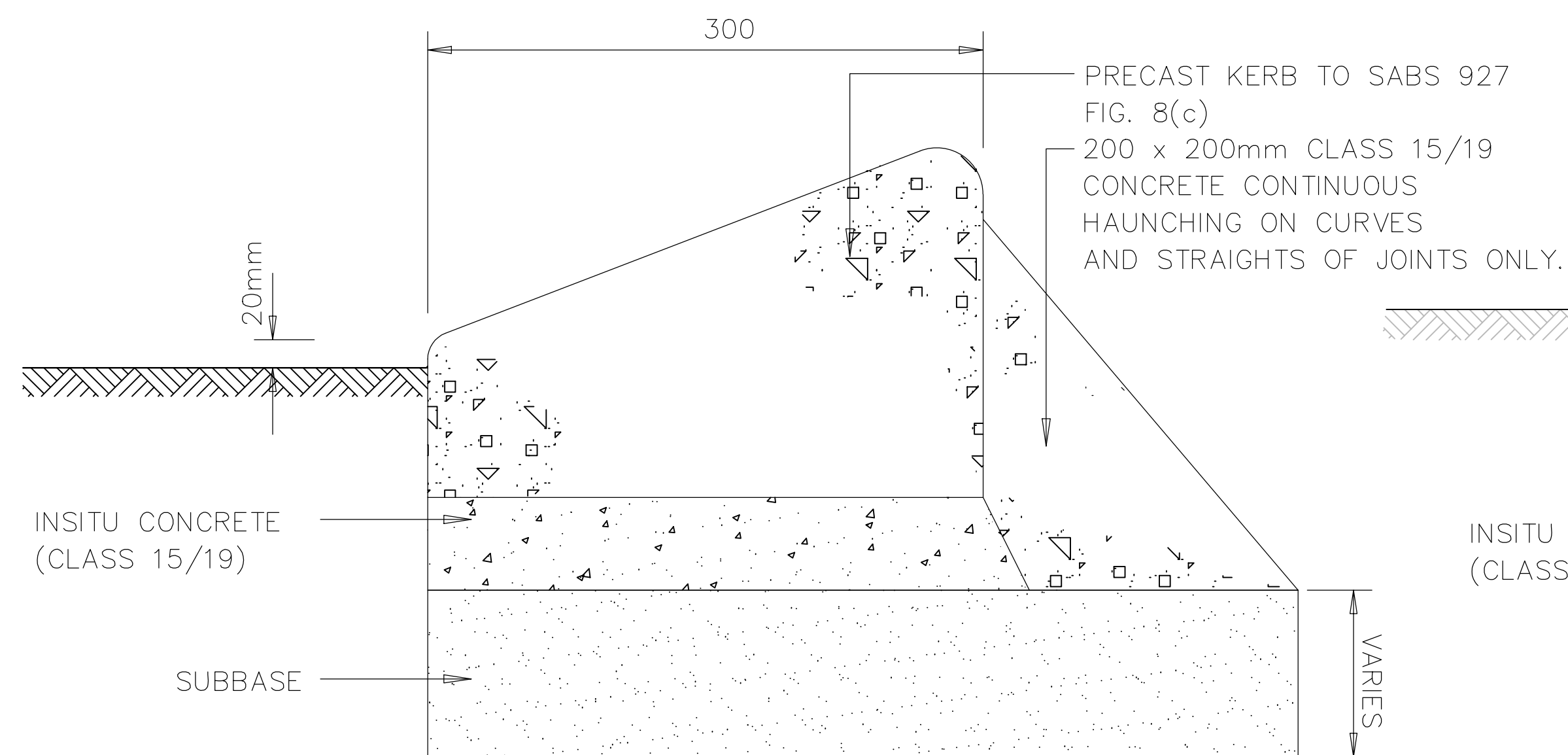


CAST IN-SITU MOUNTABLE KERB WITH GUTTER

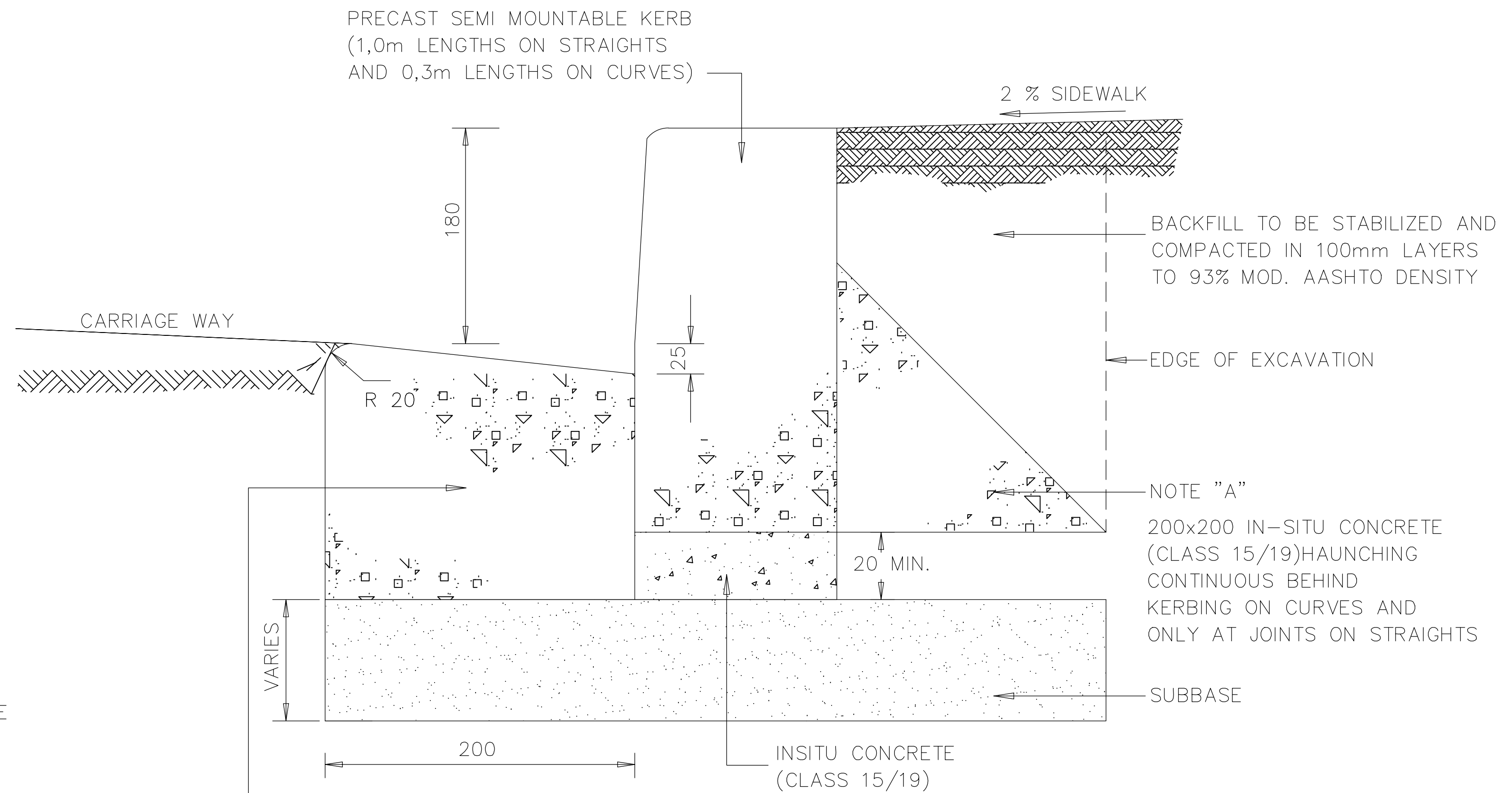
Only to be used when no alternative exists

NOTES

1. MINIMUM CONCRETE STRENGTH OF ALL CAST IN-SITU KERBS TO BE CLASS 25/19.
2. CONCRETE GUTTER TO HAVE A STEEL TROWEL FINISH
3. CAST-IN-SITU KERBING WILL NOT BE ALLOWED IN EXISTING TOWNSHIPS AND SUBURBS.
4. WHERE IN-SITU KERBING IS USED CARE SHOULD BE TAKEN THAT JOINTS ARE CUT THROUGH BEFORE THE CONCRETE SETS, AT MOST 3M INTERVALS.
5. FIGURE 7 SEMI MOUNTABLE KERBING SHOULD PREFERABLE ONLY SIDE OF ROAD ISLAND ON DOUBLE CARRIDGE WAY.
6. CONCRETE TAPPING TO GUTTERS AND CAST-IN-SITU KERBING IS NOT ACCEPTABLE.

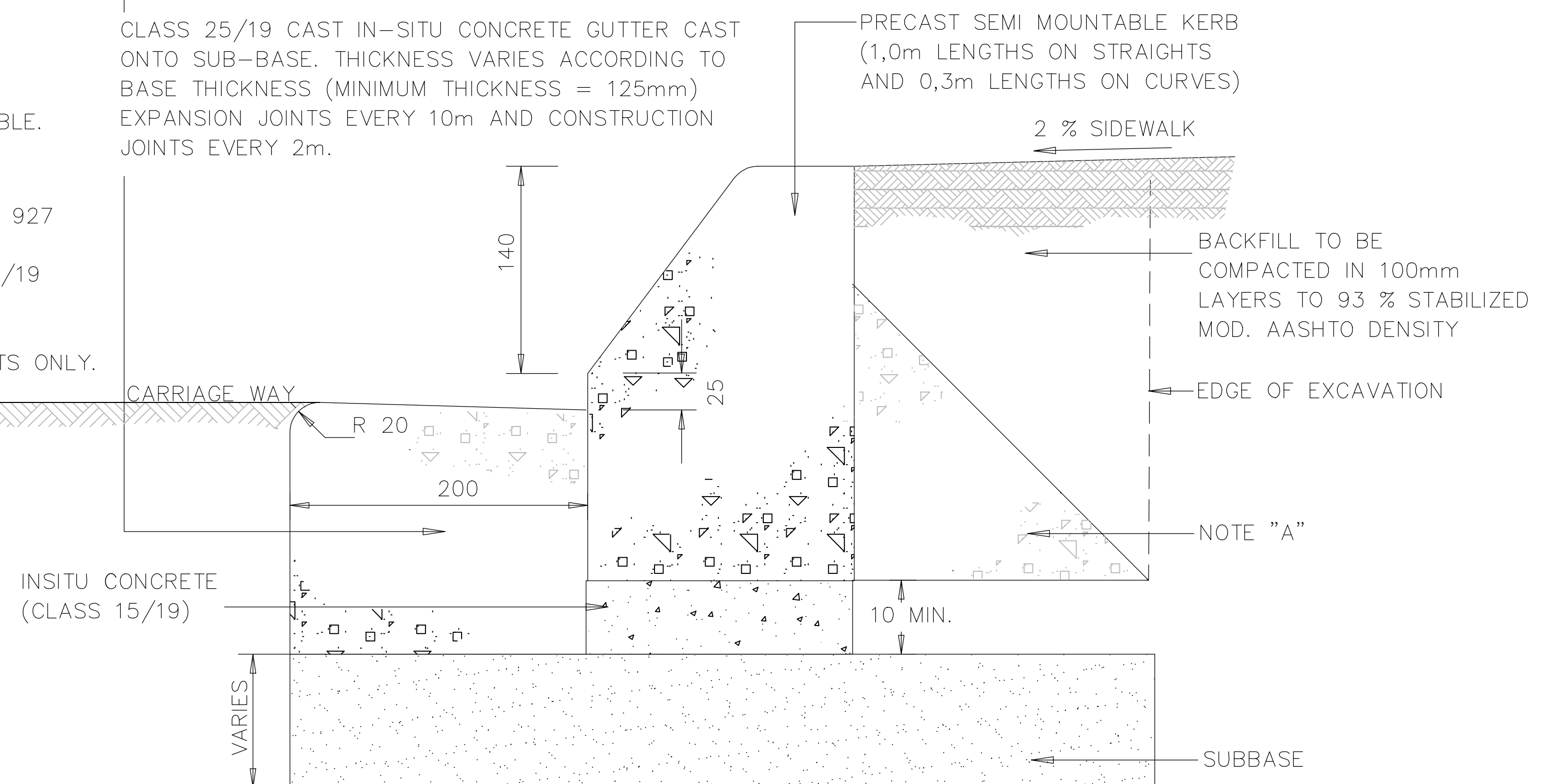


PRECAST MOUNTABLE KERB FIG.8C)



DETAIL OF BARRIER KERB (FIG. 3)

CLASS 25/19 CAST IN-SITU CONCRETE GUTTER CAST ONTO SUB-BASE. THICKNESS VARIES ACCORDING TO BASE THICKNESS (MINIMUM THICKNESS = 125mm) EXPANSION JOINTS EVERY 10m AND CONSTRUCTION JOINTS EVERY 2m.



DETAIL OF SEMI-MOUNTABLE KERB (FIG. 7)

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AS-BUILT RECORD				VERSION/AMENDMENTS				PROJECT TITLE:				BELA BELA LOCAL MUNICIPAL				0 50 100				CHECKED			
CONTRACT No.	DESCRIPTION	CERTIFIED BY	DATE	No.	DATE	DESCRIPTION	AUTHORISED BY	BELA BELA EXT 4				Chris hani Drive, Bela Bela				100mm ON ORIGINAL DRAWING				T.VUNDLA			
								CONSTRUCTION OF ROAD PAVING AND BULK				Private Bag X1609				A1				DESIGNED			
								STORMWATER IN BELA BELA X8-PHASE 4				0480				APPROVED				APPROVE			
								DRAWING TITLE:				Tel: 014 736 8000				CLIENT OR ASSIGNEE: _____ DATE: _____				CO-ORDINATE			
								STANDARD TYPE KERBS				Fax: 014 736 3288				CLIENT DRAWING No.: _____				Pr No:			
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