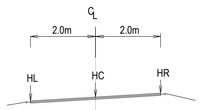
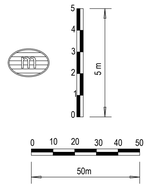
4m BLOCK PAVING ROAD

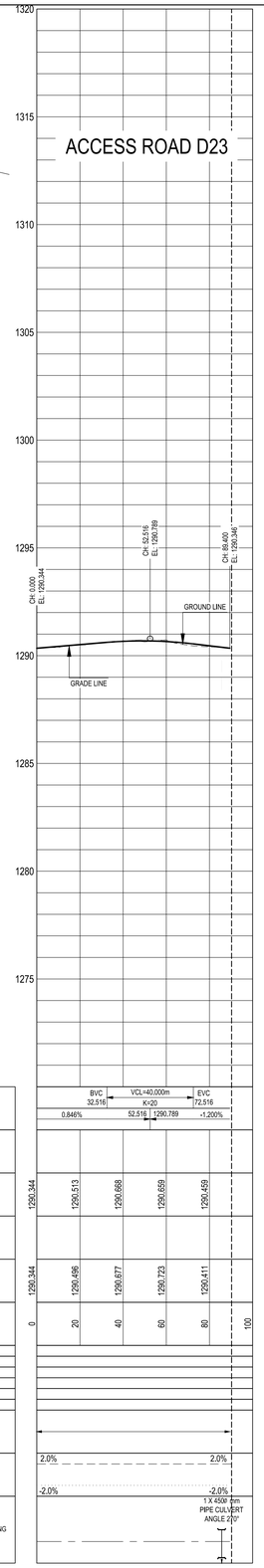


PROFILE OF GRADE LINE



SCALES:
Horizontal 1:1000
Vertical 1:100

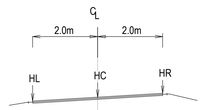
DATUM 1270.000



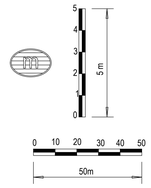
VERTICAL PROFILE GRADES								
FINAL DESIGN ROAD LEVELS	HR LEFT							
	HC ON CENTRE LINE	1290.344	1290.513	1290.668	1290.659	1290.459		
	HR RIGHT							
GROUND LEVELS		1290.344	1290.496	1290.677	1290.723	1290.411		
DISTANCE (m)		0	20	40	60	80	100	
GUARD RAIL LEFT								
KERB OR PAVING LEFT								
SIDE DRAIN LEFT								
SIDE DRAIN RIGHT								
KERB OR PAVING RIGHT								
GUARD RAIL RIGHT								
HORIZONTAL ALIGNMENT								
SUPERELEVATION	LEFT / RIGHT		2.0%			2.0%		
			-2.0%			-2.0%		
DRAINAGE Distance (km) Size and Angle								

LONGSECTION HA- ACCESS ROAD D23

4m BLOCK PAVING ROAD

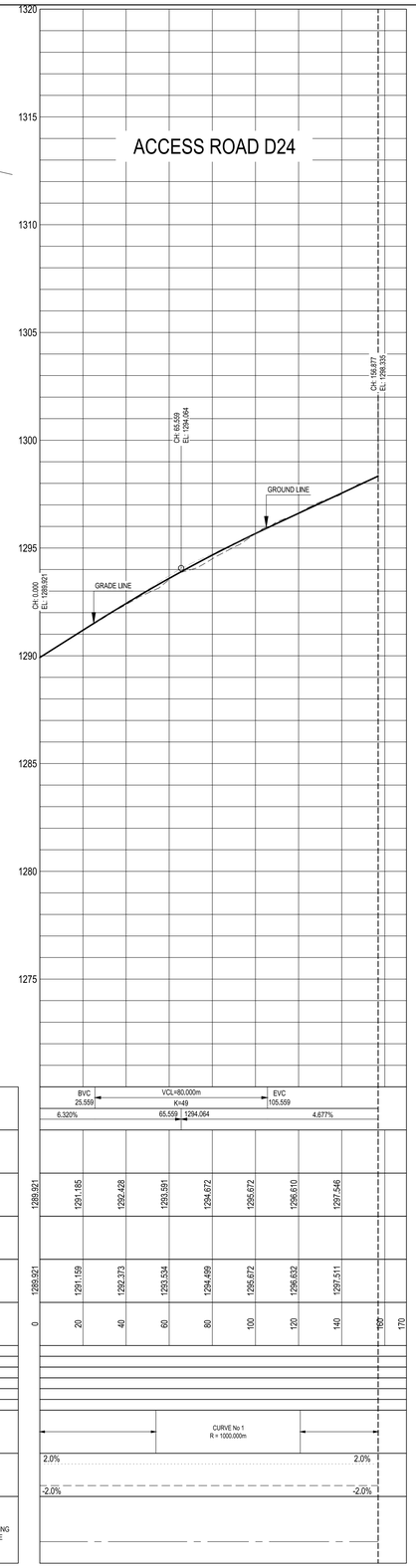


PROFILE OF GRADE LINE



SCALES:
Horizontal 1:1000
Vertical 1:100

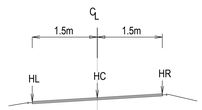
DATUM 1270.000



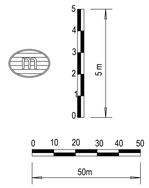
VERTICAL PROFILE GRADES								
FINAL DESIGN ROAD LEVELS	HR LEFT							
	HC ON CENTRE LINE	1289.921	1291.185	1292.428	1293.591	1294.672	1295.672	1296.610	1297.546
	HR RIGHT								
GROUND LEVELS		1289.921	1291.159	1292.373	1293.534	1294.499	1295.672	1296.632	1297.511
DISTANCE (m)		0	20	40	60	80	100	120	140	160	170
GUARD RAIL LEFT											
KERB OR PAVING LEFT											
SIDE DRAIN LEFT											
SIDE DRAIN RIGHT											
KERB OR PAVING RIGHT											
GUARD RAIL RIGHT											
HORIZONTAL ALIGNMENT											
SUPERELEVATION	LEFT / RIGHT		2.0%							2.0%	
			-2.0%							-2.0%	
DRAINAGE Distance (km) Size and Angle											

LONGSECTION HA- ACCESS ROAD D24

3m GRAVEL ROAD

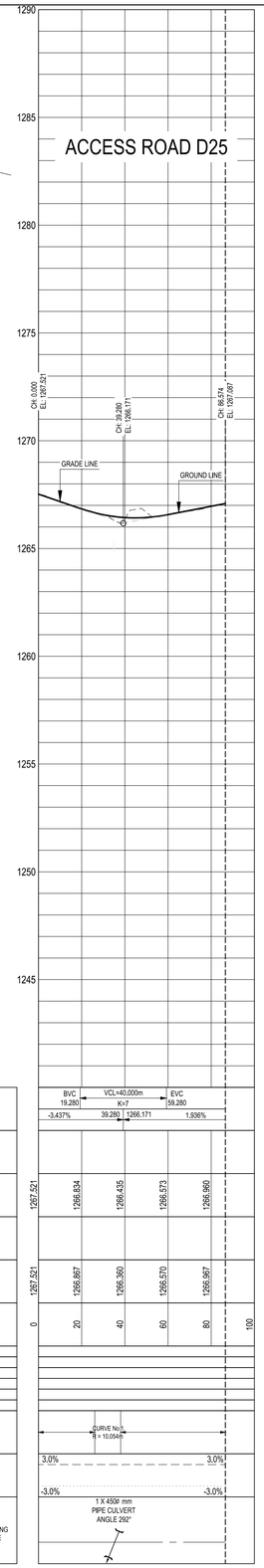


PROFILE OF GRADE LINE



SCALES:
Horizontal 1:1000
Vertical 1:100

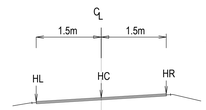
DATUM 1240.000



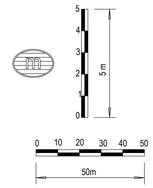
VERTICAL PROFILE GRADES								
FINAL DESIGN ROAD LEVELS	HR LEFT							
	HC ON CENTRE LINE	1267.521	1266.834	1266.435	1266.573	1266.960		
	HR RIGHT							
GROUND LEVELS		1267.521	1266.867	1266.360	1266.570	1266.967		
DISTANCE (m)		0	20	40	60	80	100	
GUARD RAIL LEFT								
KERB OR PAVING LEFT								
SIDE DRAIN LEFT								
SIDE DRAIN RIGHT								
KERB OR PAVING RIGHT								
GUARD RAIL RIGHT								
HORIZONTAL ALIGNMENT								
SUPERELEVATION	LEFT / RIGHT		3.0%			3.0%		
			-3.0%			-3.0%		
DRAINAGE Distance (km) Size and Angle								

LONGSECTION HA- ACCESS ROAD D25

3m GRAVEL ROAD

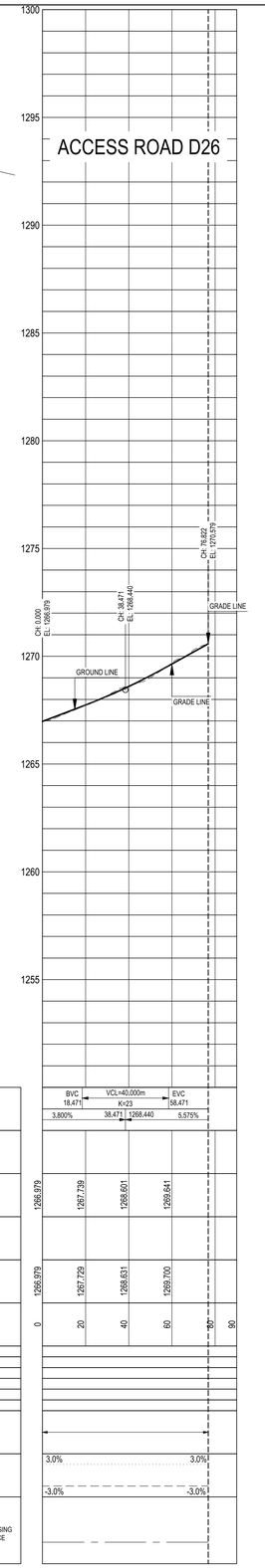


PROFILE OF GRADE LINE



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1250.000



VERTICAL PROFILE GRADES								
FINAL DESIGN ROAD LEVELS	HR LEFT							
	HC ON CENTRE LINE	1266.979	1267.739	1268.601	1269.641			
	HR RIGHT							
GROUND LEVELS		1266.979	1267.729	1268.631	1269.700			
DISTANCE (m)		0	20	40	60	80	90	
GUARD RAIL LEFT								
KERB OR PAVING LEFT								
SIDE DRAIN LEFT								
SIDE DRAIN RIGHT								
KERB OR PAVING RIGHT								
GUARD RAIL RIGHT								
HORIZONTAL ALIGNMENT								
SUPERELEVATION	LEFT / RIGHT		3.0%			3.0%		
			-3.0%			-3.0%		
DRAINAGE Distance (km) Size and Angle								

LONGSECTION HA- ACCESS ROAD D26

FOR TENDER ONLY

No.	DATE	REVISION	CONSULT. ENG.
T01	29/10/2024	ISSUED FOR RETENDER	
T00	28/02/2022	ISSUE FOR TENDER	

CONSTRUCTION RECORD (AS-BUILT)
WORKS CONTRACT ENGINEER
Name :
Prof. Reg. No. :
Date :
SANRAL PROJECT MANAGER
Name :
Date :

DESIGNED BY
NAME
Prof. Reg. No.
CHECKED BY
NAME
Prof. Reg. No.
DRAWN BY
NAME

CONSULTANT APPROVAL
Name :
Prof. Reg. No. :
Date :

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

SANRAL
SOUTH AFRICAN NATIONAL ROADS AGENCY SOC LTD
Reg No. 1998/030664/06
BUILDING SOUTH AFRICA THROUGH BETTER ROADS

NORTHERN REGION
38 Ida Street
Menlo Park
Pretoria
0081

Private Bag X17
Lynnwood Ridge
0040

Tel: (012) 426 6200

ACCEPTANCE
THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING
for the SA NATIONAL ROADS AGENCY SOC LTD.
Date:

PROJECT DESCRIPTION
FOR TRAINING AND CONSTRUCTION MANAGEMENT SERVICES FOR A COMMUNITY DEVELOPMENT PROJECT TO UPGRADE ACCESS ROADS IN AND NEAR KWAMHLANGA TOWNSHIP – MPUMALANGA PROVINCE

DRAWING DESCRIPTION
ACCESS ROADS - LONGITUDINAL SECTION
ACCESS ROADS D23, D24, D25 AND D26

SCALE : AS SHOWN | SHEET 1 OF 1

PROJECT NUMBER	C.002-053-2023/1	
DRAWING LOCATION DATA	START	END
ROUTE	-	-
SECTION	-	-
DRAWING km DISTANCE	-	-
DRAWING TYPE	ROADS - LONG SECTIONS	
BRIDGE/STRUCTURE No.		
CONSULTANT DRAWING No.	60487450-4-1-C-BB-208-T-01	VER
SANRAL DOCUMENT #		T01