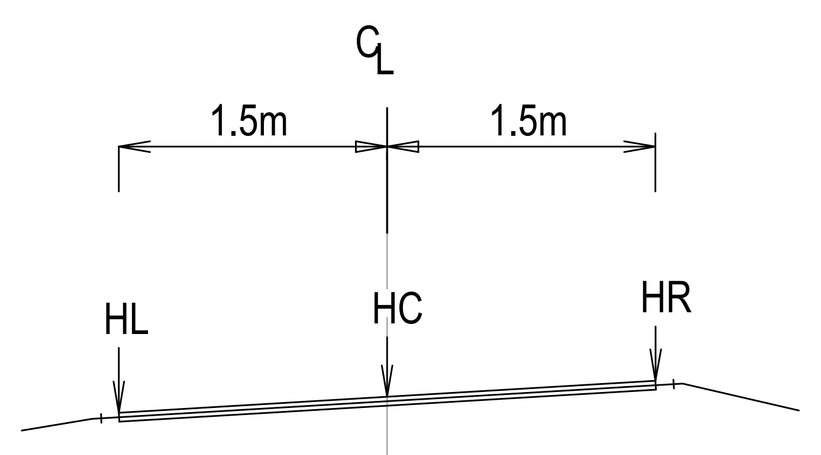
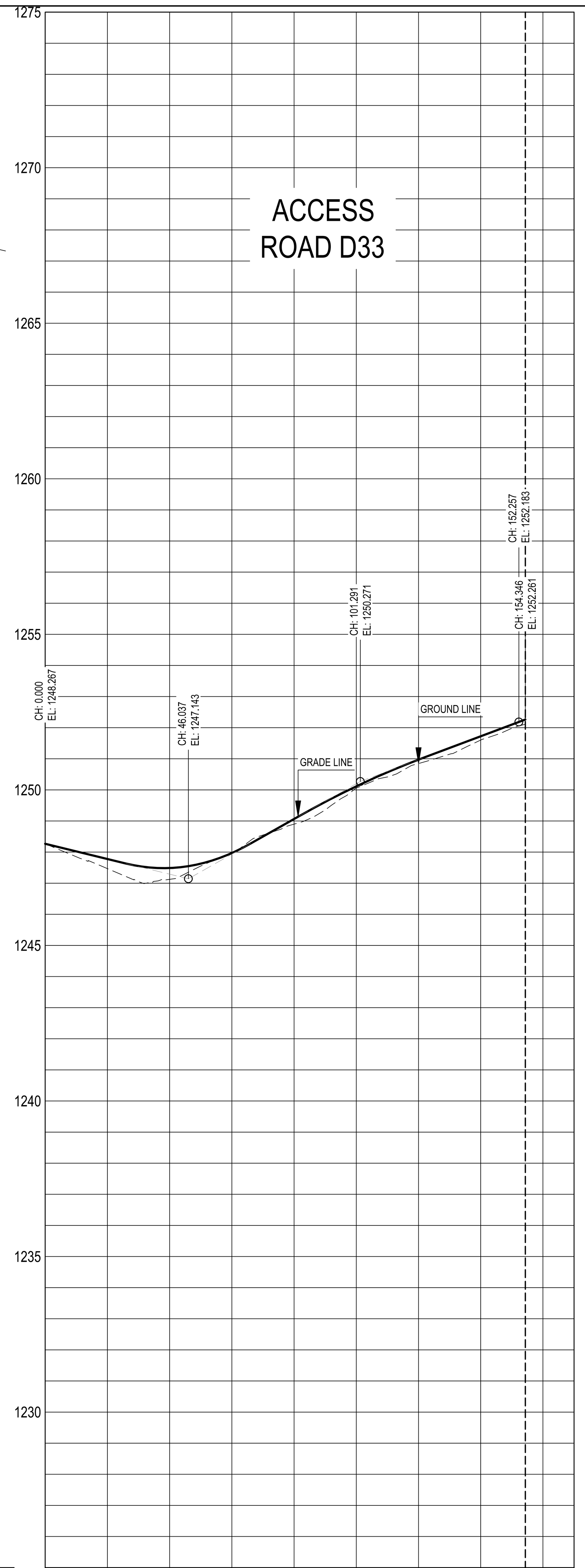
3m GRAVEL ROAD



PROFILE OF GRADE LINE



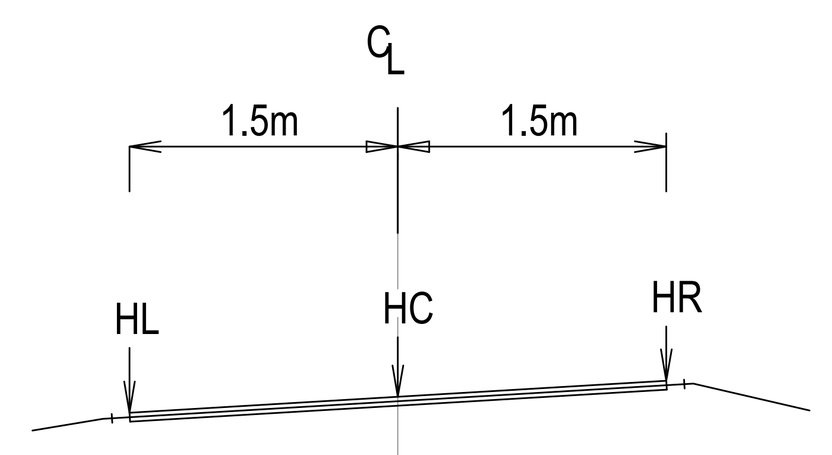
SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1225.000

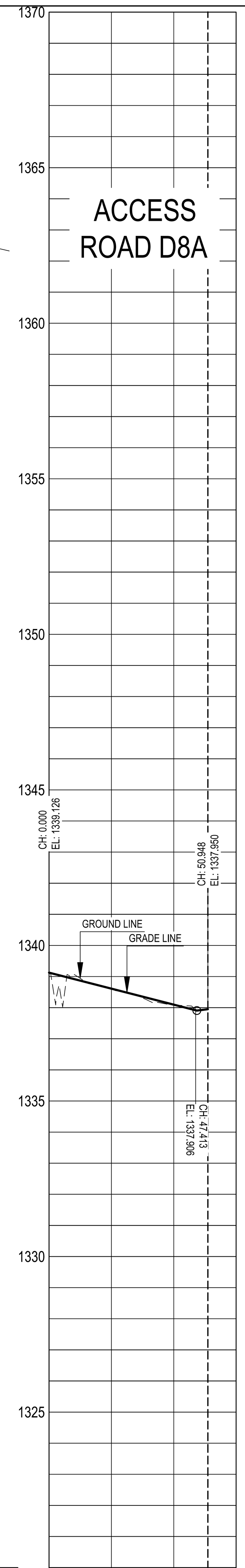
VERTICAL PROFILE GRADES	BVC 26.037; VCL=40.000m K=5; EVC 66.037; BVC 81.291; VCL=40.000m K=21; EVC 121.291									
	-2.442%; 46.037; 1247.143; 5.660%; 101.291; 1250.271; 3.753%; 3.724%									
FINAL DESIGN ROAD LEVELS – HR LEFT										
FINAL DESIGN ROAD LEVELS – HC ON CENTRE LINE	1248.267	1247.779	1247.488	1247.970	1249.066	1250.114	1250.972	1251.723		
FINAL DESIGN ROAD LEVELS – HR RIGHT										
GROUND LEVELS	1248.267	1247.470	1247.125	1247.989	1248.899	1250.057	1250.847	1251.602		
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	CURVE No 1 R = 5.000m									
SUPERELEVATION LEFT · · · · · · / RIGHT — —	3.0% / -3.0%									
DRAINAGE Distance (km) Size and Angle (FLOW DIRECTION, 90°, 225°, INCREASING DISTANCE, FLOW DIRECTION)										

LONGSECTION HA- ACCESS ROAD D33

3m GRAVEL ROAD



PROFILE OF GRADE LINE



SCALES:
Horizontal 1:1000
Vertical 1:100

DATUM 1320.000

VERTICAL PROFILE GRADES	-2.573%; 1.238%			
FINAL DESIGN ROAD LEVELS – HR LEFT				
FINAL DESIGN ROAD LEVELS – HC ON CENTRE LINE	1339.126	1338.611	1338.097	
FINAL DESIGN ROAD LEVELS – HR RIGHT				
GROUND LEVELS	1339.126	1338.584	1338.083	
DISTANCE (m)	0	20	40	60
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%			
DRAINAGE Distance (km) Size and Angle (FLOW DIRECTION, 90°, 225°, INCREASING DISTANCE, FLOW DIRECTION)				

LONGSECTION HA- ACCESS ROAD D8A

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.1998/009584/30
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 D33 AND D8A

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-211-T-01		VER
SANRAL DOCUMENT #			T01